

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062618\
 Data File : VX002893.D
 Acq On : 26 Jun 2018 12:46
 Operator : JC/MD
 Sample : VX0626WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0626WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/28/2018 3:12:06 PM

Quant Time: Jun 27 03:25:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	280673	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	377694	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	359586	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	231094	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	205956	53.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.18%	
35) Dibromofluoromethane	5.50	113	165158	55.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.44%	
50) Toluene-d8	8.72	98	609216	55.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.56%	
62) 4-Bromofluorobenzene	11.14	95	233299	55.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	57876	22.93	ug/l	98
3) Chloromethane	1.32	50	60673	22.67	ug/l	100
4) Vinyl Chloride	1.40	62	69761	21.98	ug/l	91
5) Bromomethane	1.64	94	30198	18.68	ug/l	98
6) Chloroethane	1.72	64	45090	23.07	ug/l	98
7) Trichlorofluoromethane	1.93	101	124015	23.16	ug/l	100
8) Diethyl Ether	2.19	74	43276	22.23	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	71912	23.18	ug/l	99
10) Methyl Iodide	2.51	142	36881	16.49	ug/l	99
11) Tert butyl alcohol	3.06	59	86980	112.55	ug/l	100
12) 1,1-Dichloroethene	2.37	96	61455	22.20	ug/l	99
13) Acrolein	2.29	56	55120	130.70	ug/l	98
14) Allyl chloride	2.73	41	125604	23.02	ug/l	100
15) Acrylonitrile	3.15	53	185945	112.65	ug/l	99
16) Acetone	2.45	43	208293	129.65	ug/l	98
17) Carbon Disulfide	2.57	76	169877	23.03	ug/l	99
18) Methyl Acetate	2.78	43	109196	24.31	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	229793	23.09	ug/l	100
20) Methylene Chloride	2.86	84	71484	22.86	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	68149	22.60	ug/l	97
22) Diisopropyl ether	3.87	45	245695	23.56	ug/l	99
23) Vinyl Acetate	3.82	43	1025383	116.10	ug/l	100
24) 1,1-Dichloroethane	3.70	63	131541	23.20	ug/l	100
25) 2-Butanone	4.70	43	283421	118.87	ug/l	97
26) 2,2-Dichloropropane	4.59	77	110919	24.06	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	77739	23.00	ug/l	97
28) Bromochloromethane	5.02	49	64104	23.62	ug/l	95
29) Tetrahydrofuran	5.16	42	169275	110.71	ug/l	97
30) Chloroform	5.21	83	136616	23.48	ug/l	98
31) Cyclohexane	5.57	56	113978	23.43	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	122017	23.84	ug/l	99
36) 1,1-Dichloropropene	5.80	75	97035	23.43	ug/l	98
37) Ethyl Acetate	4.85	43	104208	23.37	ug/l	99
38) Carbon Tetrachloride	5.79	117	108183	23.80	ug/l	96

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Manual Integrations
 APPROVED

MMDadoda
 6/28/2018 3:12:06 PM

Quant Time: Jun 27 03:25:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	115905	24.02	ug/l	97
40) Benzene	6.15	78	286118	23.77	ug/l	99
41) Methacrylonitrile	5.06	41	59977	23.36	ug/l	98
42) 1,2-Dichloroethane	6.20	62	113853	23.42	ug/l	100
43) Isopropyl Acetate	6.46	43	170989	22.86	ug/l	99
44) Trichloroethene	7.21	130	84267	23.49	ug/l	95
45) 1,2-Dichloropropane	7.52	63	76238	23.88	ug/l	97
46) Dibromomethane	7.67	93	52125	23.53	ug/l	98
47) Bromodichloromethane	7.90	83	99975	24.41	ug/l	96
48) Methyl methacrylate	7.78	41	89760	23.29	ug/l	98
49) 1,4-Dioxane	7.76	88	34789	463.99	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	556282	118.88	ug/l	99
52) Toluene	8.79	92	187936	24.38	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	114059	24.59	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	106150	23.78	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	76007	23.99	ug/l	98
56) Ethyl methacrylate	9.18	69	109749	23.70	ug/l	97
57) 1,3-Dichloropropane	9.37	76	123920	23.82	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	282222	126.35	ug/l	99
59) 2-Hexanone	9.50	43	432602	121.64	ug/l	99
60) Dibromochloromethane	9.59	129	81491	24.44	ug/l	99
61) 1,2-Dibromoethane	9.68	107	79326	23.87	ug/l	99
64) Tetrachloroethene	9.34	164	93353	23.35	ug/l	96
65) Chlorobenzene	10.14	112	217488	23.81	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	80867	24.37	ug/l	98
67) Ethyl Benzene	10.26	91	371936	24.65	ug/l	98
68) m/p-Xylenes	10.36	106	285621	49.12	ug/l	100
69) o-Xylene	10.70	106	137854	24.35	ug/l	99
70) Styrene	10.71	104	224376	24.39	ug/l	99
71) Bromoform	10.86	173	63463	23.42	ug/l #	98
73) Isopropylbenzene	11.02	105	380822	24.50	ug/l	100
74) N-amyl acetate	6.46	43	170989	22.48	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	113137	23.62	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	112399m	26.85	ug/l	
77) Bromobenzene	11.26	156	104564	23.62	ug/l	98
78) n-propylbenzene	11.36	91	437403	24.72	ug/l	100
79) 2-Chlorotoluene	11.42	91	258573	24.14	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	322572	24.64	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	28313	21.67	ug/l	97
82) 4-Chlorotoluene	11.51	91	309767	24.42	ug/l	100
83) tert-Butylbenzene	11.77	119	315653	24.46	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	333501	24.58	ug/l	98
85) sec-Butylbenzene	11.95	105	388104	24.79	ug/l	100
86) p-Isopropyltoluene	12.07	119	348926	24.79	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	192981	23.87	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	197537	23.74	ug/l	100
89) n-Butylbenzene	12.39	91	303051	24.74	ug/l	99
90) Hexachloroethane	12.60	117	48425	23.13	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	193464	23.71	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	23633	21.95	ug/l	98

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ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBS01

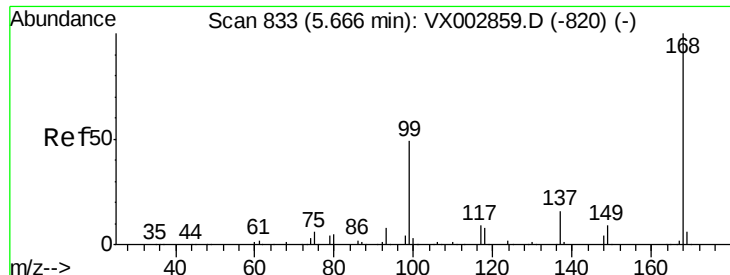
Manual Integrations
APPROVED

MMDadoda
6/28/2018 3:12:06 PM

Quant Time: Jun 27 03:25:54 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	142255	23.95	ug/l	98
94) Hexachlorobutadiene	13.79	225	72227	24.38	ug/l	99
95) Naphthalene	13.84	128	380979	24.08	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	144386	24.34	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX002893.D

Acq: 26 Jun 2018 12:46

Instrument :

MSVOA_X

ClientSampleId :

VX0626WBS01

Tot Ion:168 Resp: 280673

Ion Ratio Lower Upper

168 100

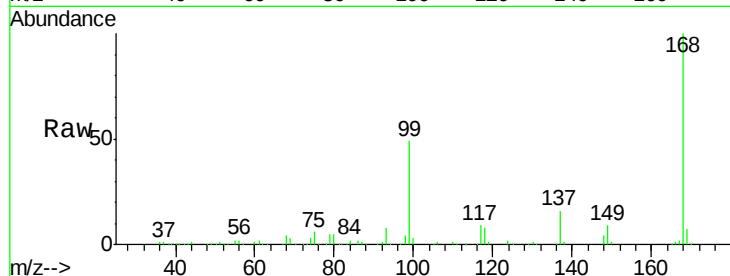
99 48.7 39.3 58.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

40000

20000

0

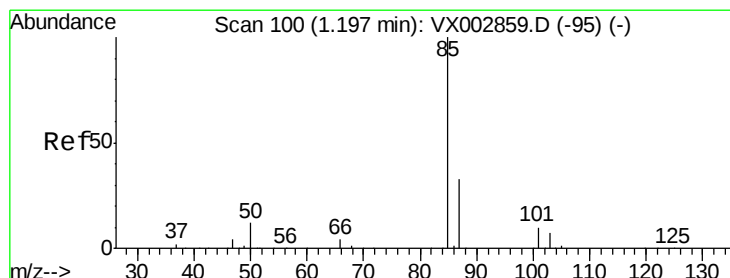
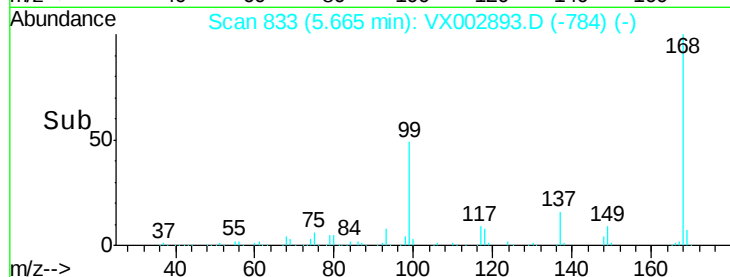
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 22.93 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002893.D

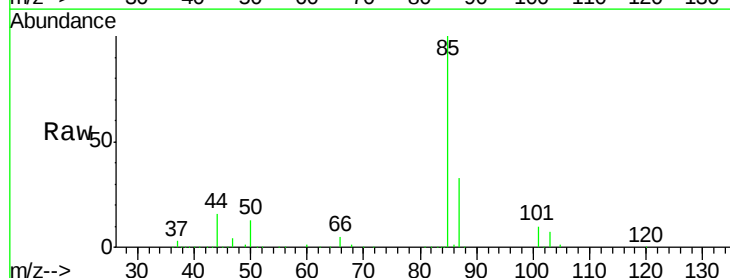
Acq: 26 Jun 2018 12:46

Tgt Ion: 85 Resp: 57876

Ion Ratio Lower Upper

85 100

87 32.9 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

60000

40000

20000

0

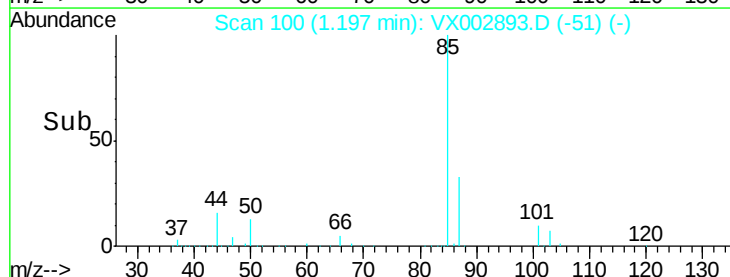
1.15

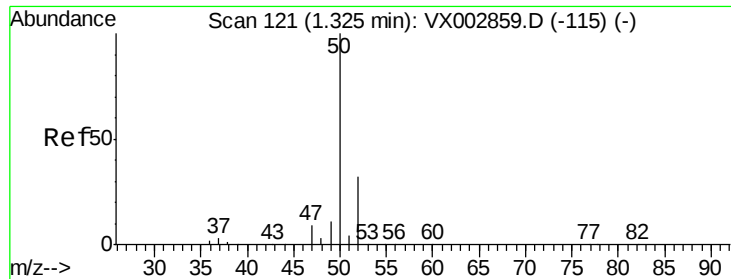
1.20

1.25

1.30

Time-->





#3

Chloromethane

Concen: 22.67 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002893.D

Acq: 26 Jun 2018 12:46

Instrument :

MSVOA_X

ClientSampleId :

VX0626WBS01

Tot Ion: 50 Resp: 60673

Ion Ratio Lower Upper

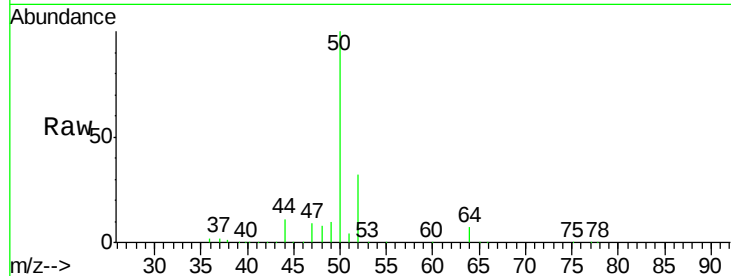
50 100

52 32.0 25.7 38.5

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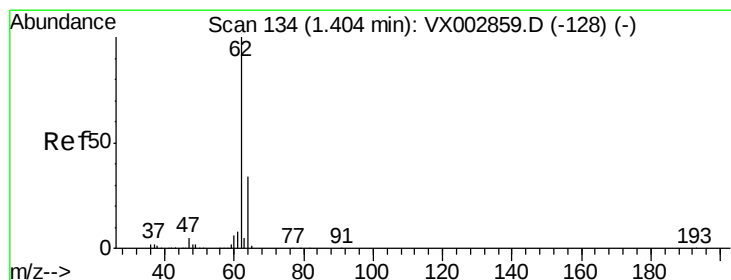
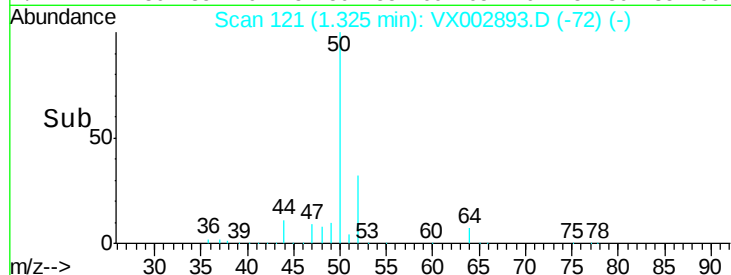
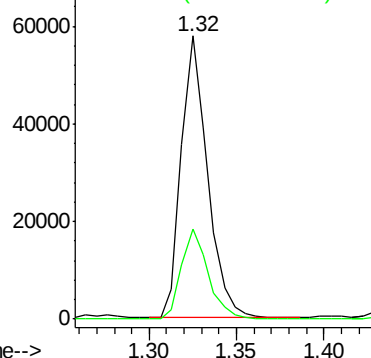
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 21.98 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX002893.D

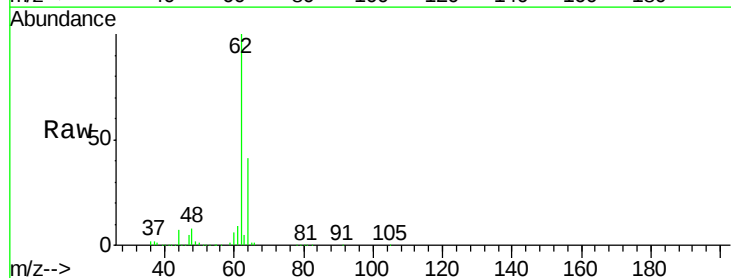
Acq: 26 Jun 2018 12:46

Tgt Ion: 62 Resp: 69761

Ion Ratio Lower Upper

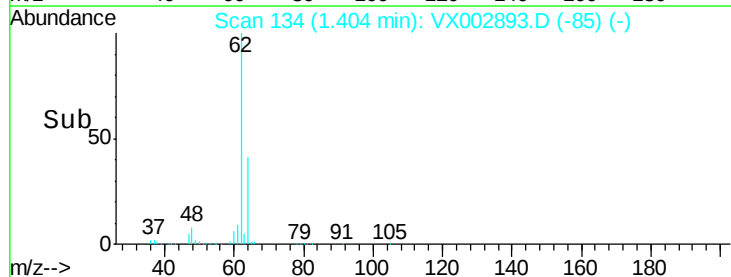
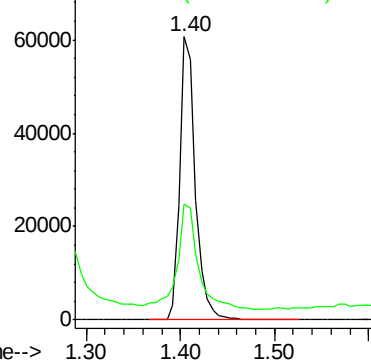
62 100

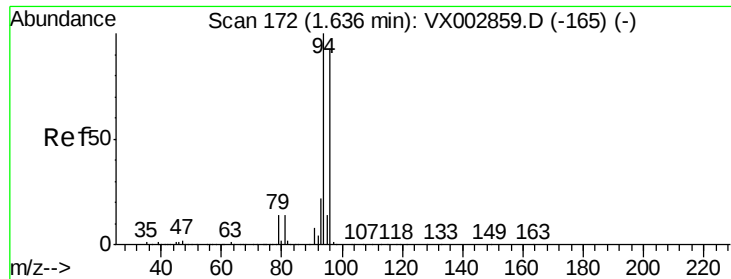
64 36.8 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 18.68 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002893.D

Acq: 26 Jun 2018 12:46

Instrument :

MSVOA_X

ClientSampleId :

VX0626WBS01

Tot Ion: 94 Resp: 30198

Ion Ratio Lower Upper

94 100

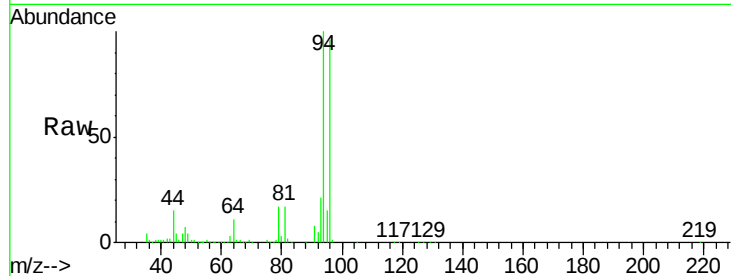
96 95.7 74.9 112.3

Manual Integrations

APPROVED

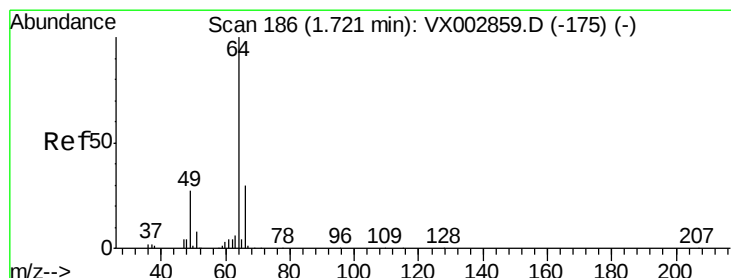
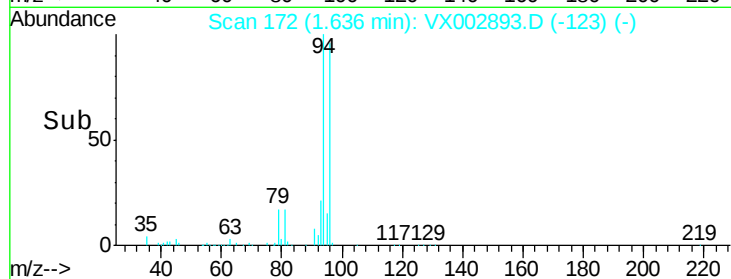
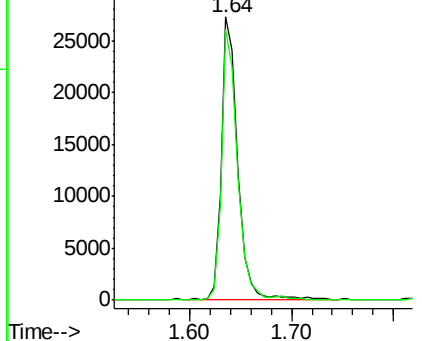
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 23.07 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX002893.D

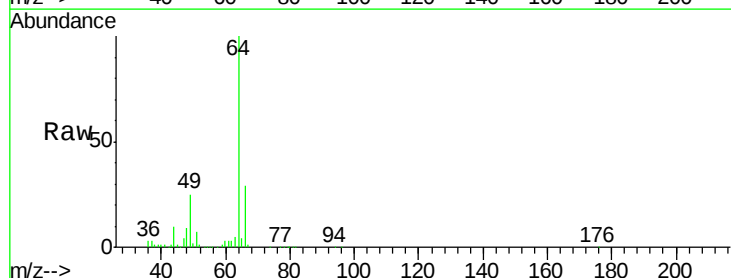
Acq: 26 Jun 2018 12:46

Tgt Ion: 64 Resp: 45090

Ion Ratio Lower Upper

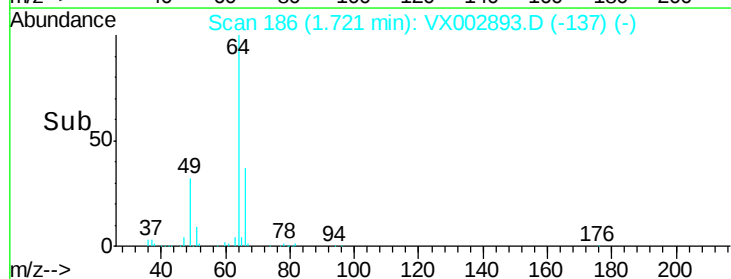
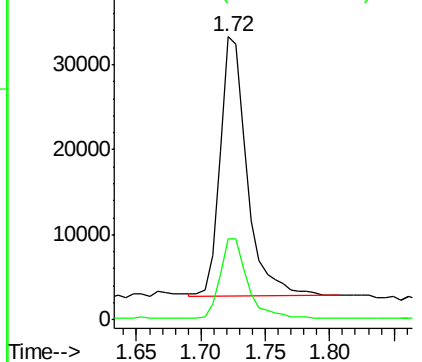
64 100

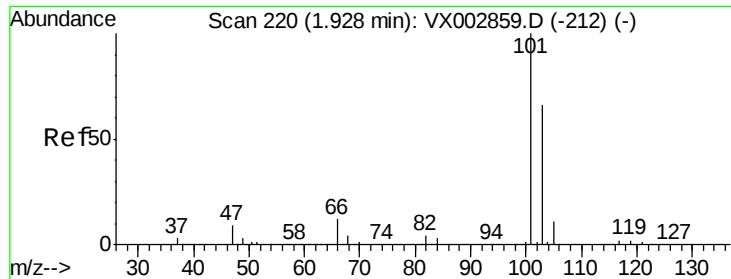
66 30.7 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

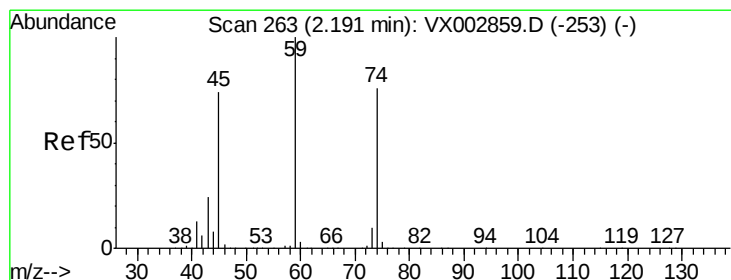
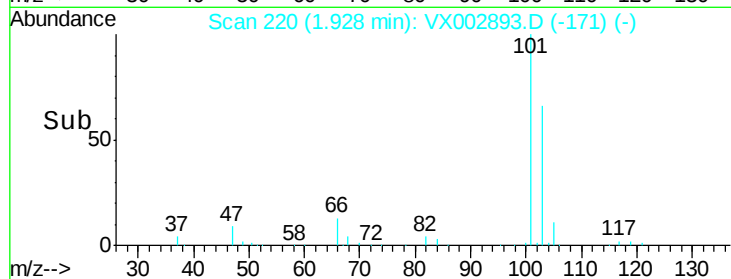
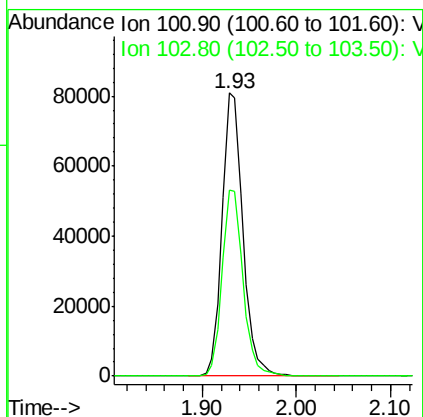
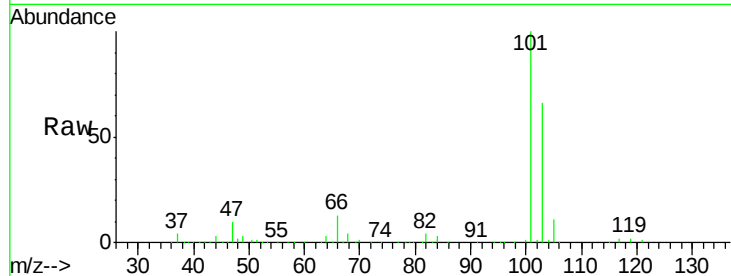
Trichlorofluoromethane
Concen: 23.16 ug/l
RT: 1.93 min Scan# 220
Delta R.T. -0.00 min
Lab File: VX002893.D
Acq: 26 Jun 2018 12:46

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.8	52.8	79.2

Manual Integrations
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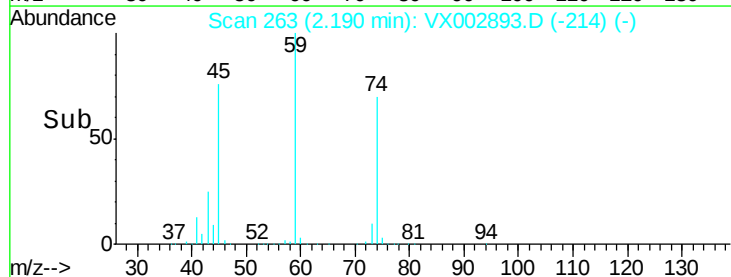
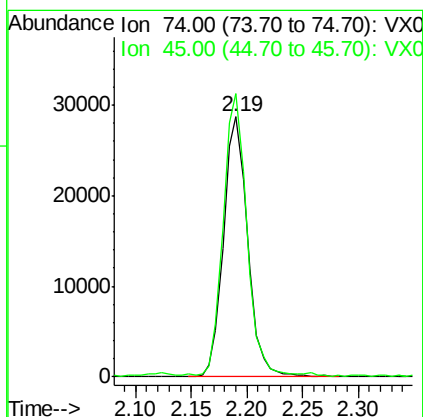
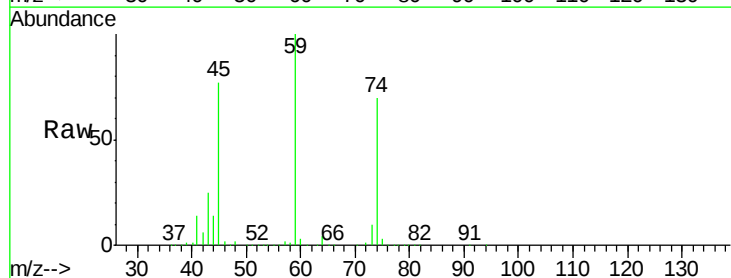
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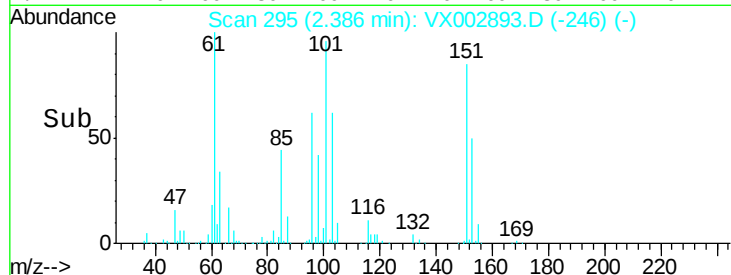
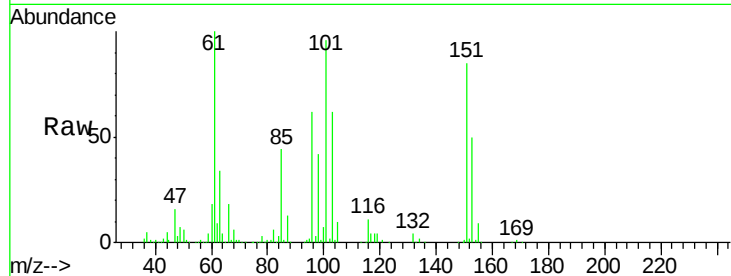
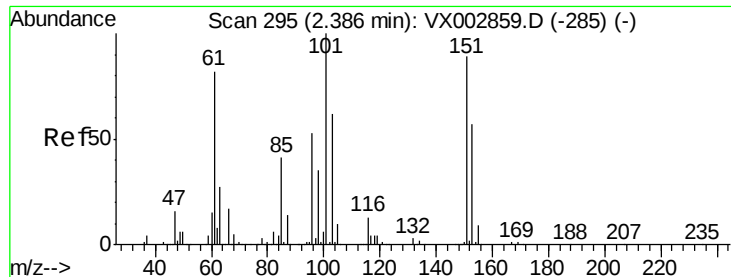


#8

Diethyl Ether
Concen: 22.23 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX002893.D
Acq: 26 Jun 2018 12:46

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.9	53.1	159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.18 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX002893.D

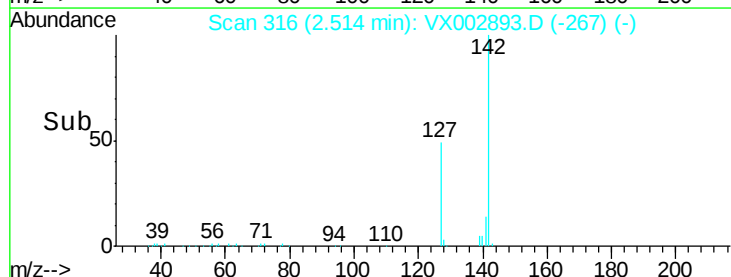
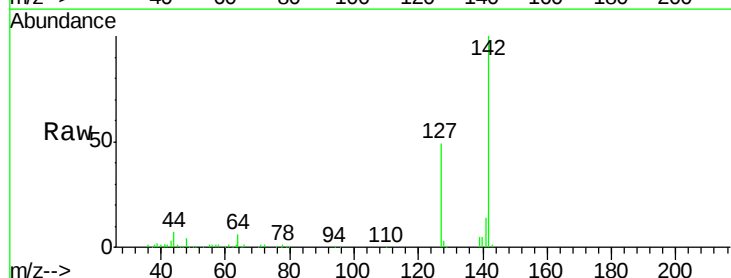
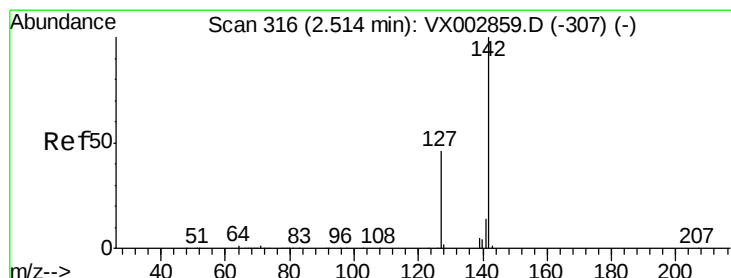
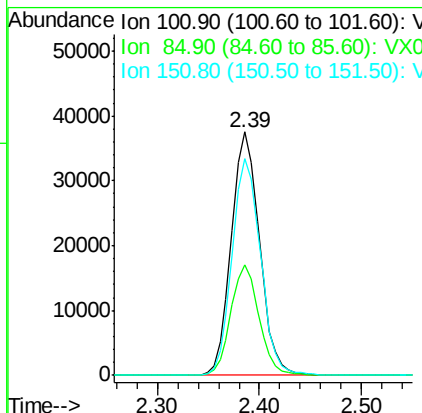
Acq: 26 Jun 2018 12:46

Tot Ion:	101	Resp:	71912
Ion Ratio	Lower	Upper	
101	100		
85	45.3	36.0	54.0
151	89.6	70.9	106.3

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBS01

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#10

Methyl Iodide

Concen: 16.49 ug/l

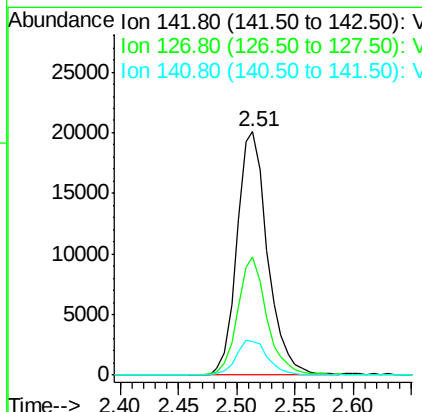
RT: 2.51 min Scan# 316

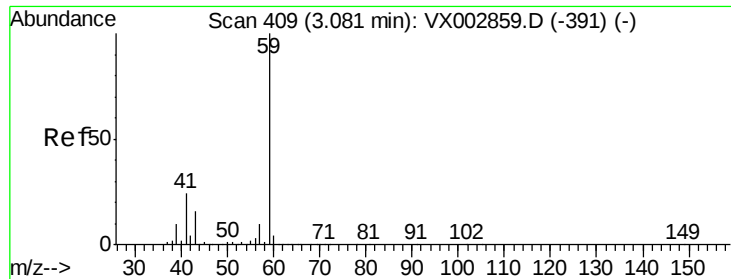
Delta R.T. 0.00 min

Lab File: VX002893.D

Acq: 26 Jun 2018 12:46

Tgt Ion:	142	Resp:	36881
Ion Ratio	Lower	Upper	
142	100		
127	46.4	36.6	55.0
141	14.8	11.3	16.9





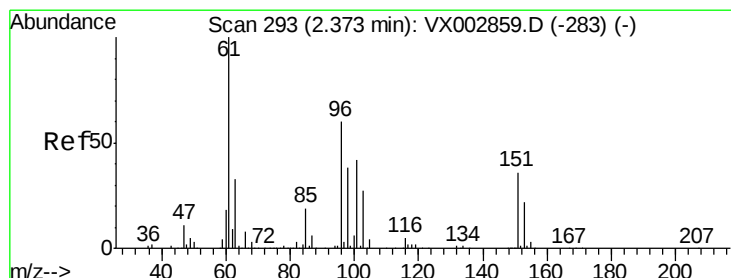
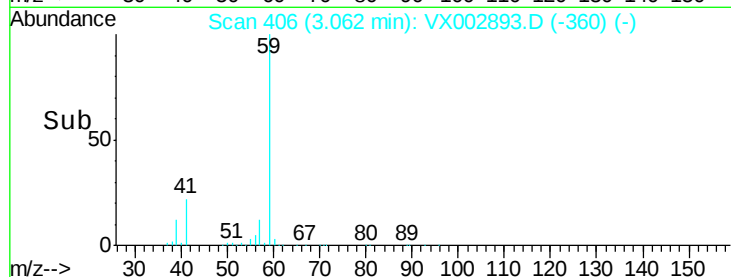
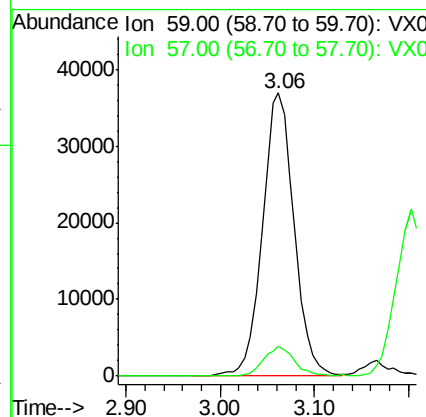
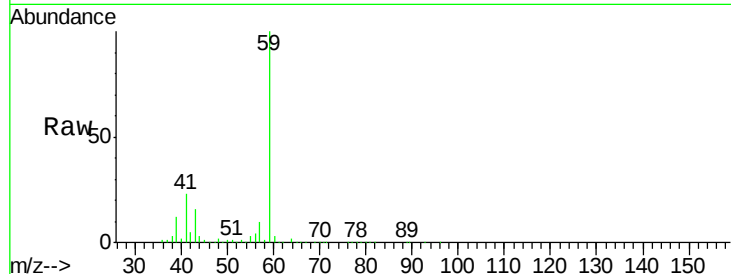
#11
Tert butyl alcohol
Concen: 112.55 ug/l
RT: 3.06 min Scan# 406
Delta R.T. -0.02 min
Lab File: VX002893.D
Acq: 26 Jun 2018 12:46

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBS01

Tot Ion: 59 Resp: 86980
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.2

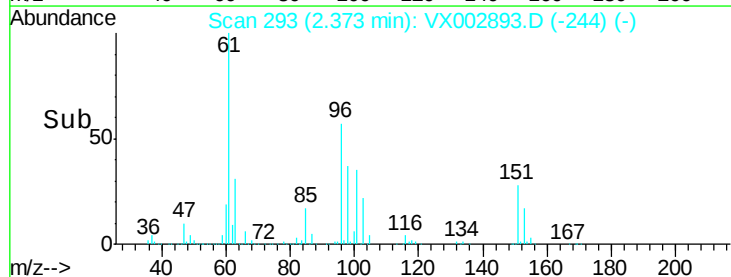
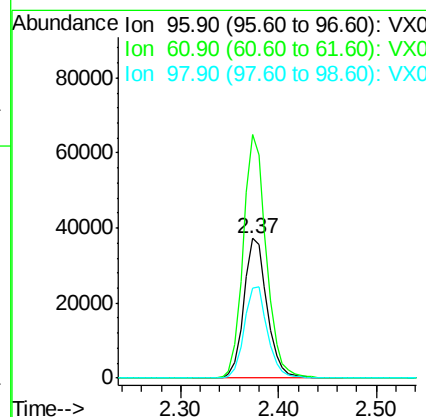
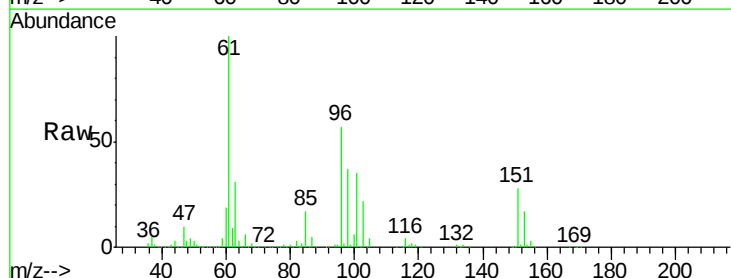
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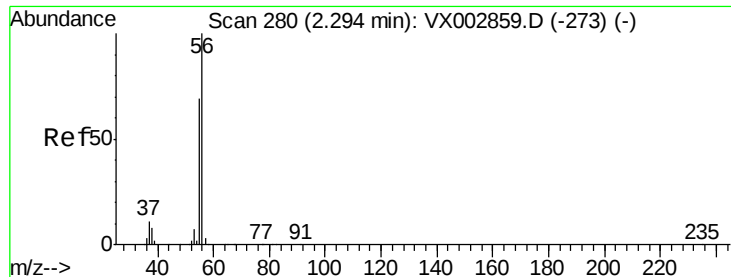
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#12
1,1-Dichloroethene
Concen: 22.20 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX002893.D
Acq: 26 Jun 2018 12:46

Tgt Ion: 96 Resp: 61455
Ion Ratio Lower Upper
96 100
61 174.3 137.9 206.9
98 64.5 51.6 77.4





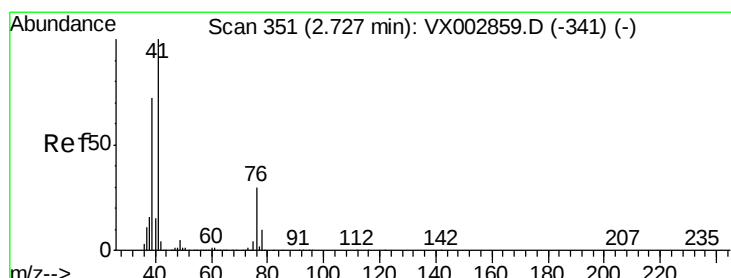
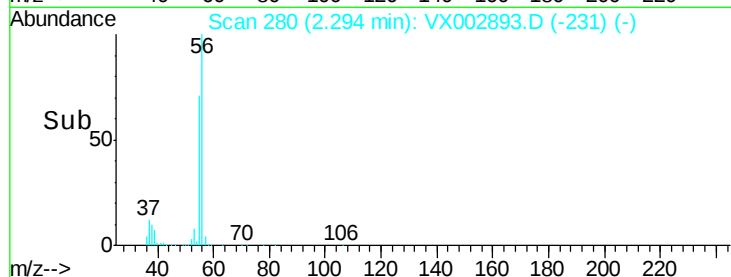
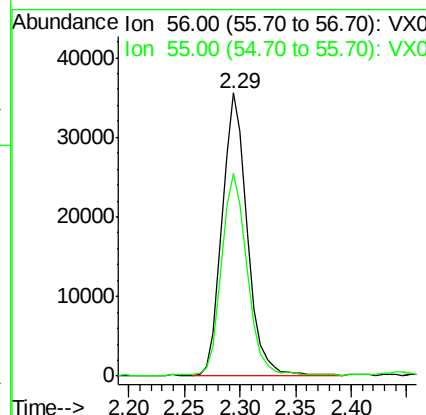
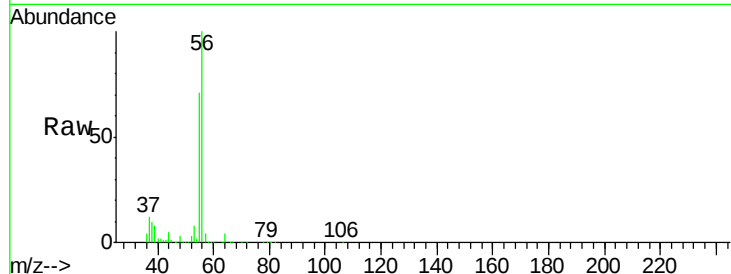
#13
Acrolein
Concen: 130.70 ug/l
RT: 2.29 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX002893.D
Acq: 26 Jun 2018 12:46

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBS01

Tot Ion	56	Resp	55120
Ion Ratio	100	Lower	Upper
55	73.2	57.0	85.4

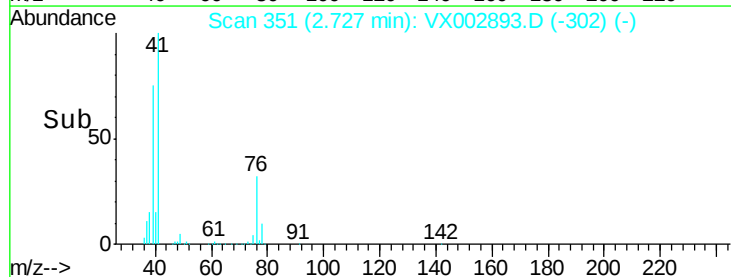
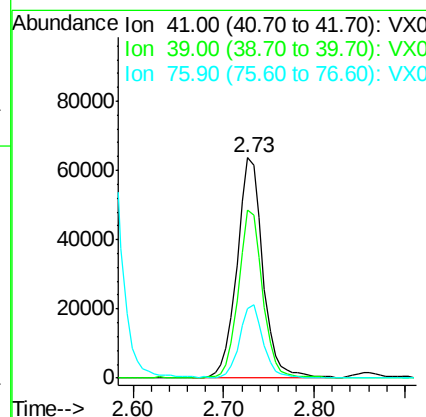
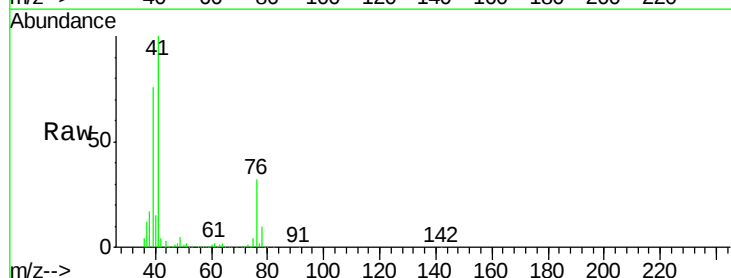
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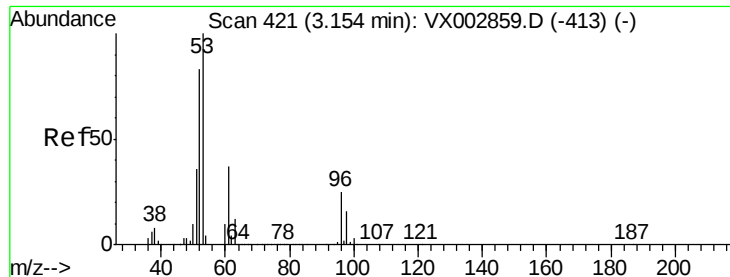
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#14
Allyl chloride
Concen: 23.02 ug/l
RT: 2.73 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX002893.D
Acq: 26 Jun 2018 12:46

Tgt Ion	41	Resp	125604
Ion Ratio	100	Lower	Upper
39	71.1	56.8	85.2
76	29.8	23.8	35.8





#15

Acrylonitrile

Concen: 112.65 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX002893.D

Acq: 26 Jun 2018 12:46

Instrument :

MSVOA_X

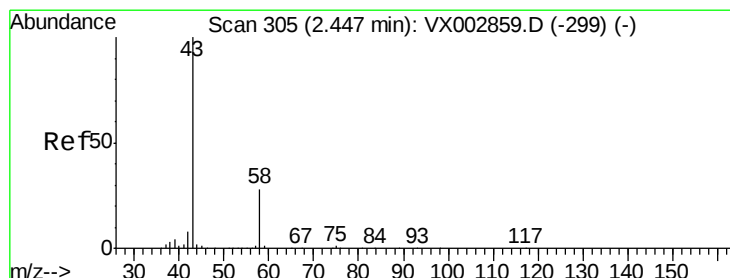
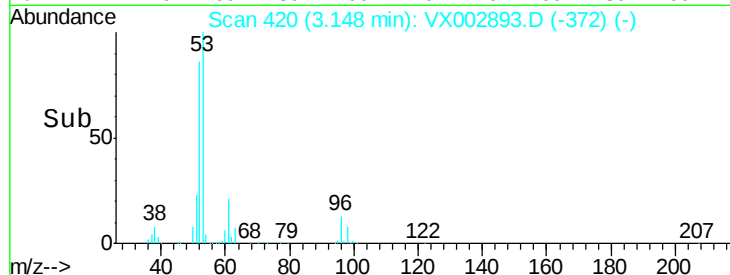
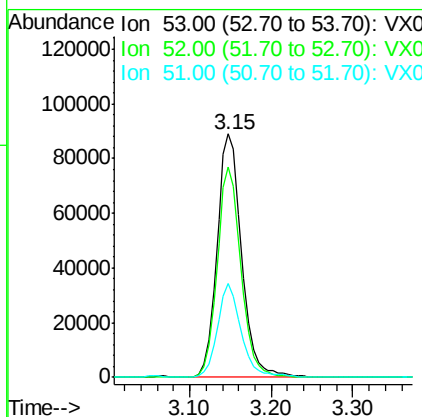
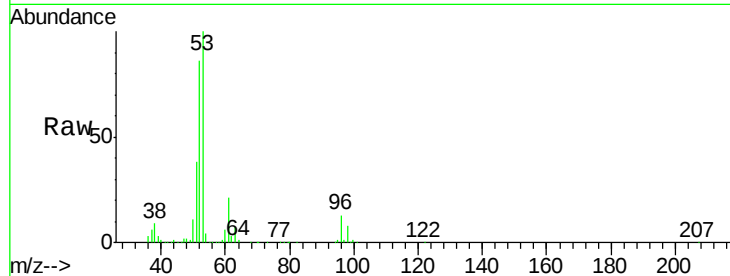
ClientSampleId :

VX0626WBS01

Tot Ion:	53	Resp:	185945
Ion Ratio		Lower	Upper
53	100		
52	84.4	66.7	100.1
51	37.2	29.9	44.9

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#16

Acetone

Concen: 129.65 ug/l

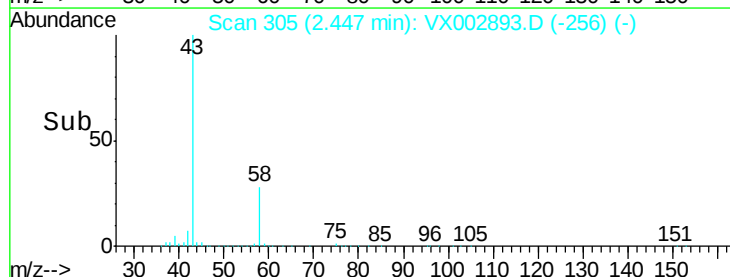
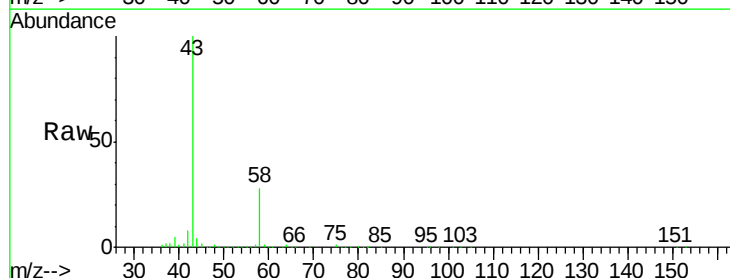
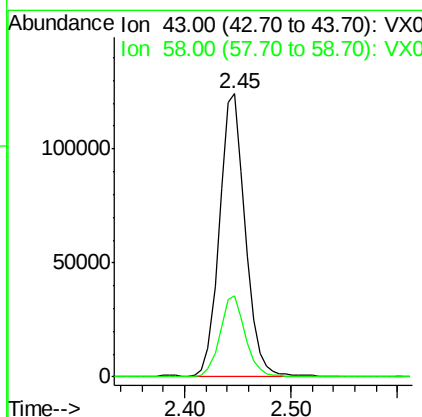
RT: 2.45 min Scan# 305

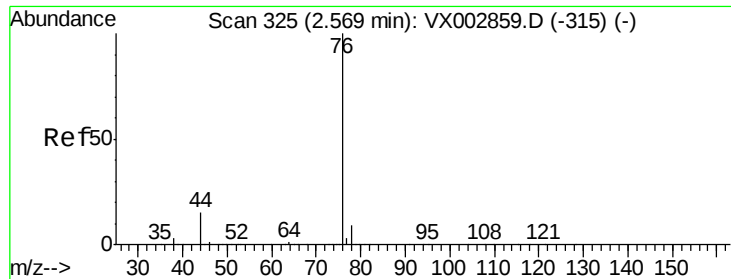
Delta R.T. -0.00 min

Lab File: VX002893.D

Acq: 26 Jun 2018 12:46

Tgt Ion:	43	Resp:	208293
Ion Ratio		Lower	Upper
43	100		
58	28.4	22.1	33.1





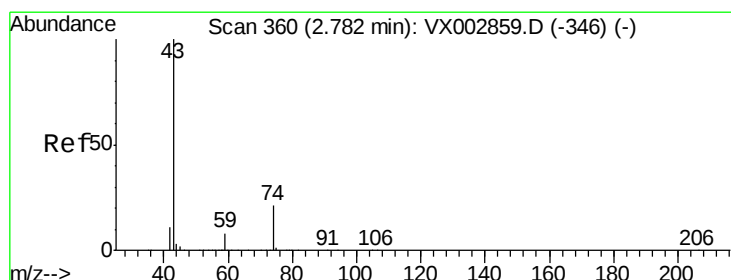
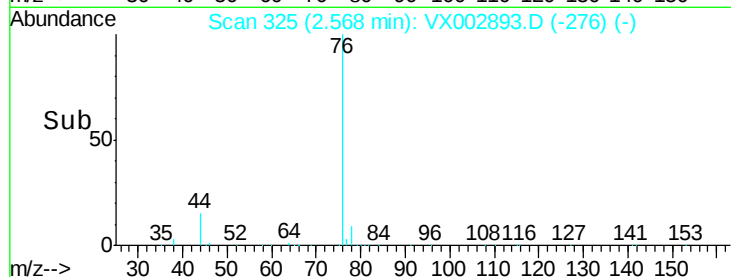
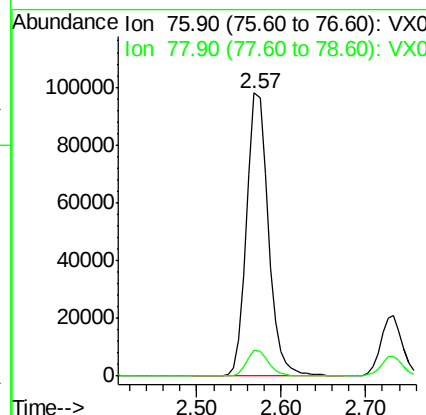
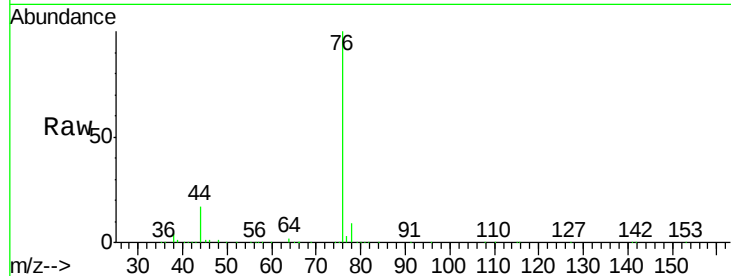
#17
Carbon Disulfide
Concen: 23.03 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX002893.D
Acq: 26 Jun 2018 12:46

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	6.9	10.3

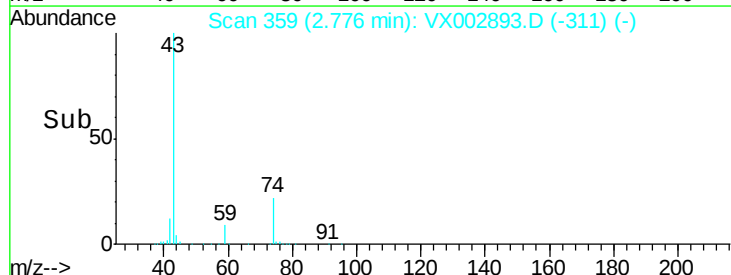
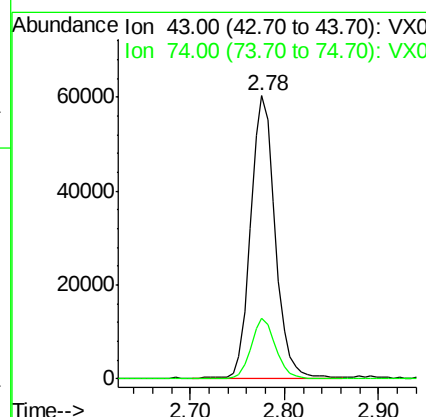
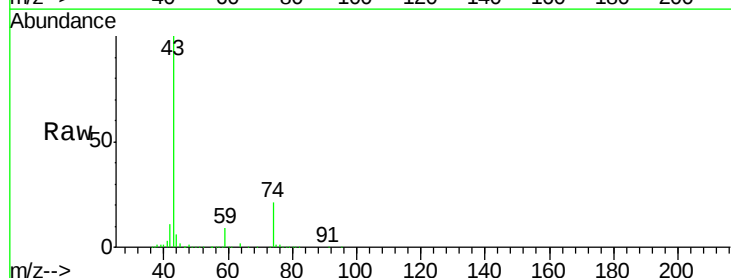
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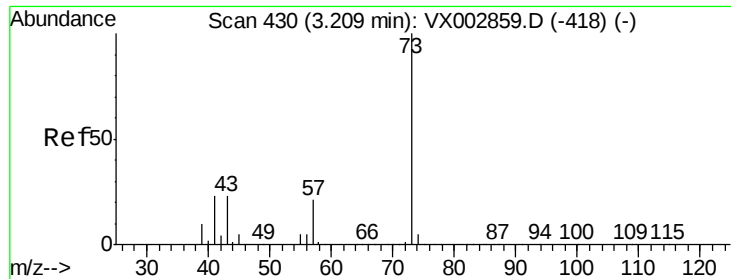
MMDadoda
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#18
Methyl Acetate
Concen: 24.31 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.01 min
Lab File: VX002893.D
Acq: 26 Jun 2018 12:46

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.8	16.7	25.1





#19

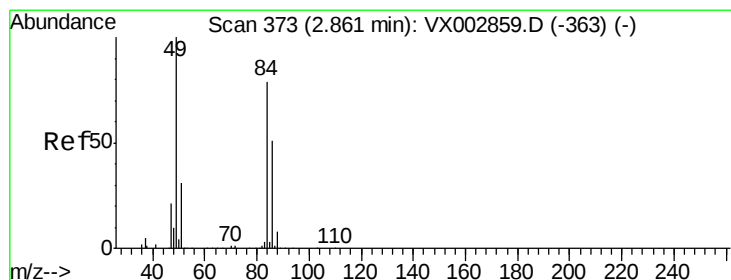
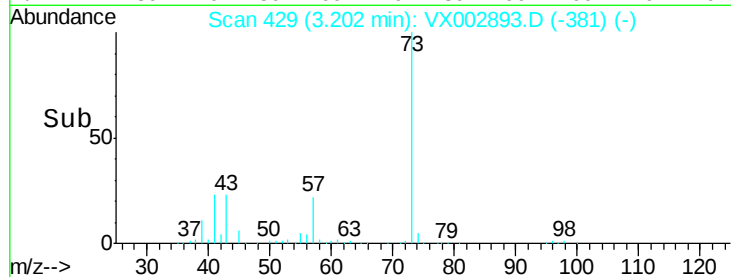
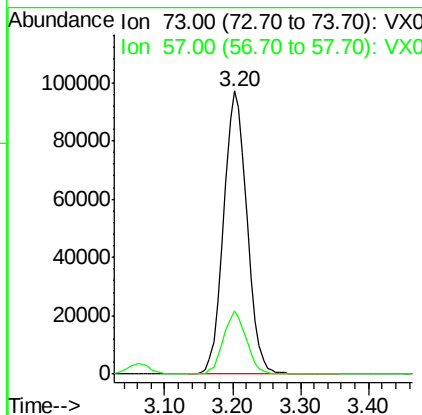
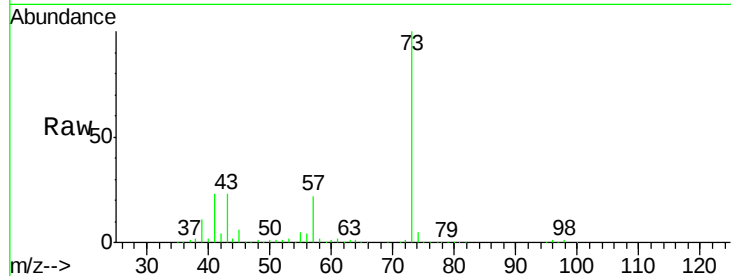
Methyl tert-butyl Ether
 Concen: 23.09 ug/l
 RT: 3.20 min Scan# 429
 Delta R.T. -0.01 min
 Lab File: VX002893.D
 Acq: 26 Jun 2018 12:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0626WBS01

Tot Ion	73	Resp	229793
Ion Ratio	Lower	Upper	
73	100		
57	22.3	17.7	26.5

Manual Integrations
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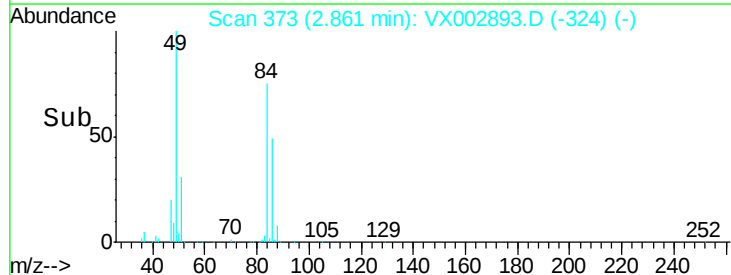
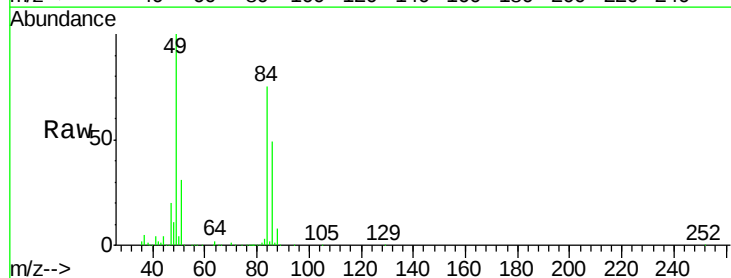
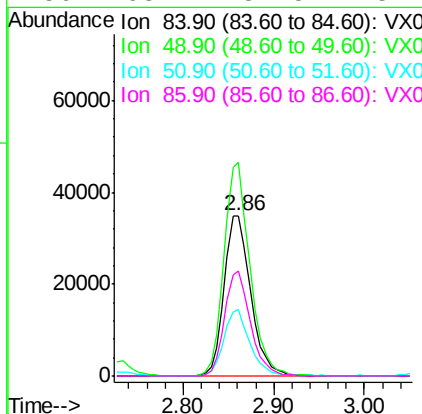
MMDadoda
 6/28/2018 3:12:06 PM

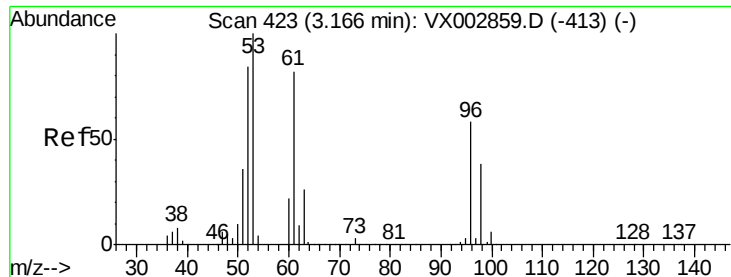


#20

Methylene Chloride
 Concen: 22.86 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. -0.00 min
 Lab File: VX002893.D
 Acq: 26 Jun 2018 12:46

Tgt Ion	84	Resp	71484
Ion Ratio	Lower	Upper	
84	100		
49	132.9	107.8	161.6
51	41.8	32.8	49.2
86	65.7	52.5	78.7





#21

trans-1,2-Dichloroethene

Concen: 22.60 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002893.D

Acq: 26 Jun 2018 12:46

Instrument :

MSVOA_X

ClientSampleId :

VX0626WBS01

Tot Ion: 96 Resp: 68149

Ion Ratio Lower Upper

96 100

61 141.9 117.0 175.4

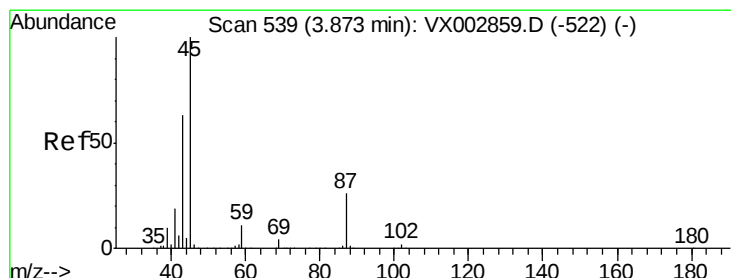
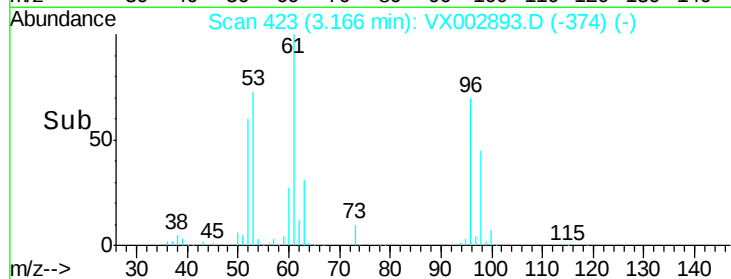
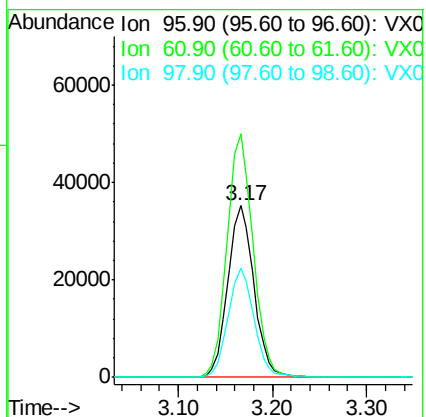
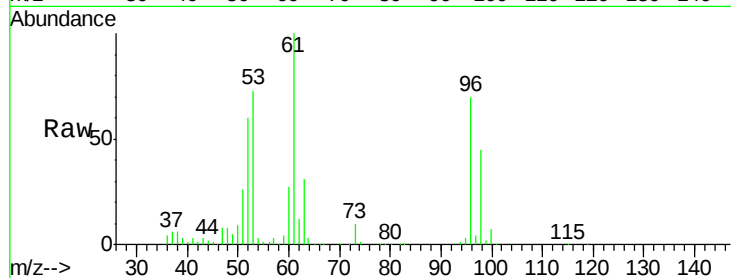
98 63.7 52.4 78.6

Manual Integrations

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#22

Diisopropyl ether

Concen: 23.56 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.00 min

Lab File: VX002893.D

Acq: 26 Jun 2018 12:46

Tgt Ion: 45 Resp: 245695

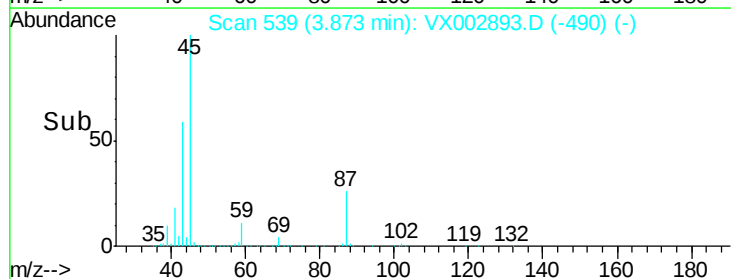
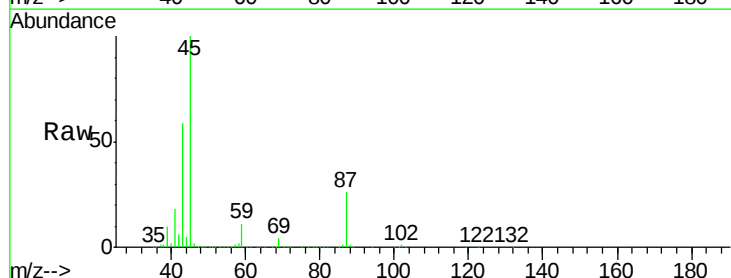
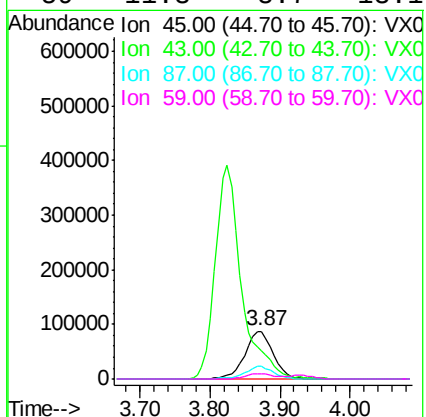
Ion Ratio Lower Upper

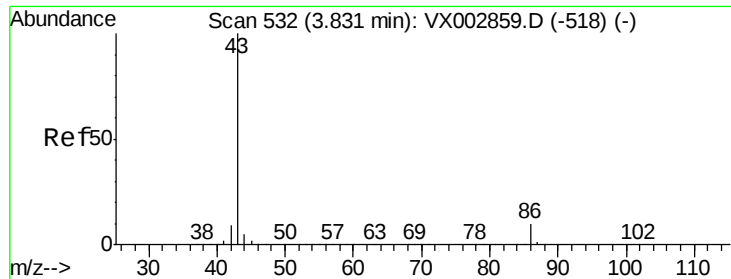
45 100

43 58.9 46.8 70.2

87 25.6 20.2 30.4

59 11.3 8.7 13.1





#23

Vinyl Acetate

Concen: 116.10 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX002893.D

Acq: 26 Jun 2018 12:46

Instrument :

MSVOA_X

ClientSampleId :

VX0626WBS01

Tot Ion: 43 Resp: 1025383

Ion Ratio Lower Upper

43 100

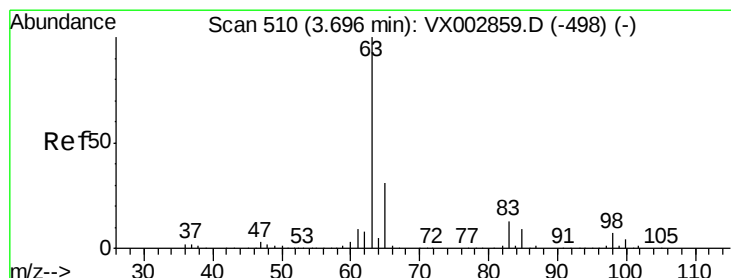
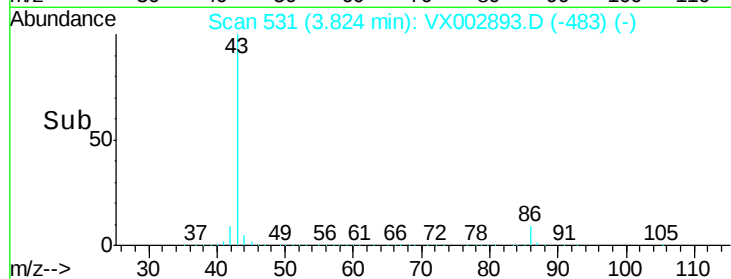
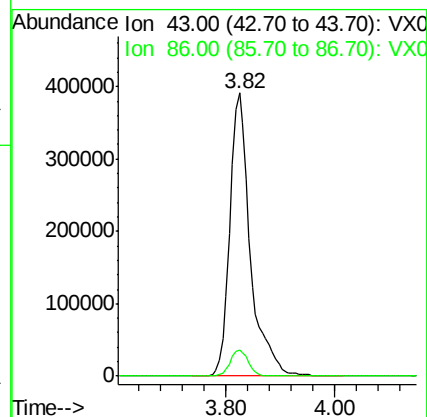
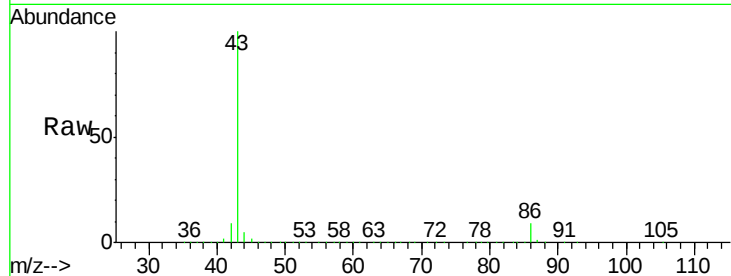
86 9.2 7.4 11.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 23.20 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX002893.D

Acq: 26 Jun 2018 12:46

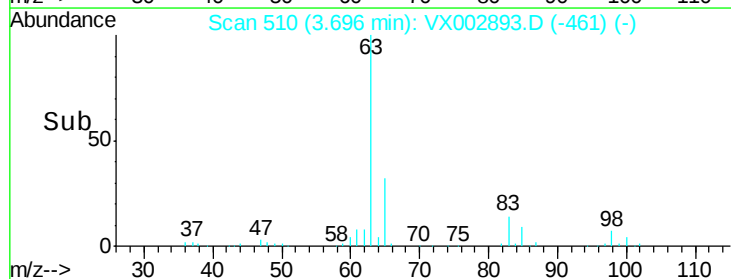
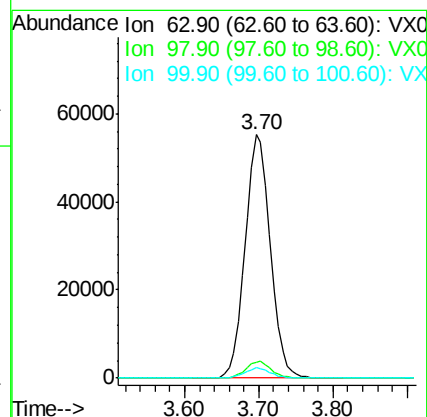
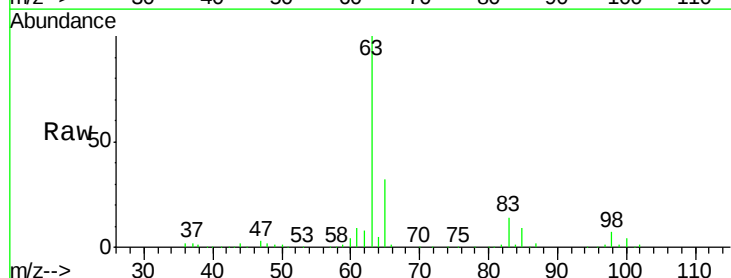
Tgt Ion: 63 Resp: 131541

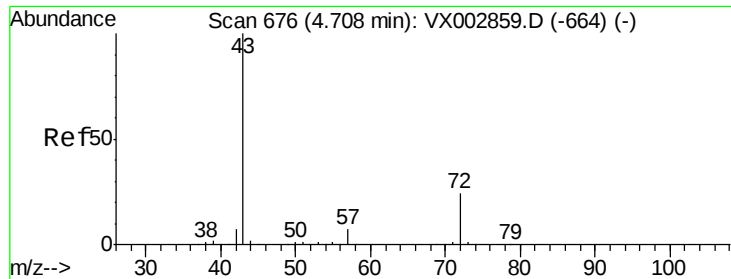
Ion Ratio Lower Upper

63 100

98 6.6 3.4 10.2

100 4.1 2.0 6.0





#25

2-Butanone

Concen: 118.87 ug/l

RT: 4.70 min Scan# 675

Delta R.T. -0.01 min

Lab File: VX002893.D

Acq: 26 Jun 2018 12:46

Instrument :

MSVOA_X

ClientSampleId :

VX0626WBS01

Tot Ion: 43 Resp: 283421

Ion Ratio Lower Upper

43 100

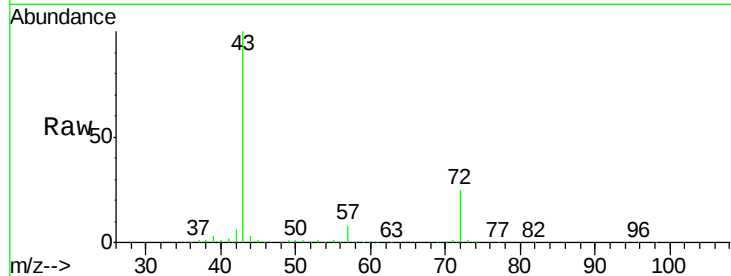
72 24.7 18.5 27.7

Manual Integrations

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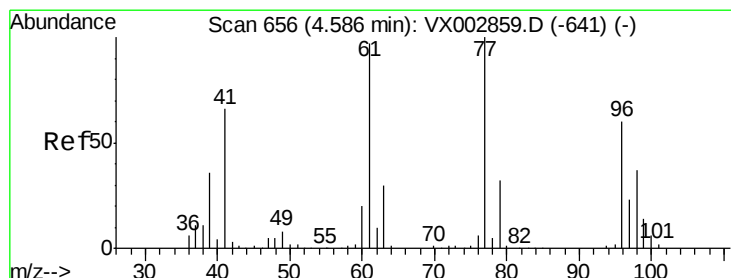
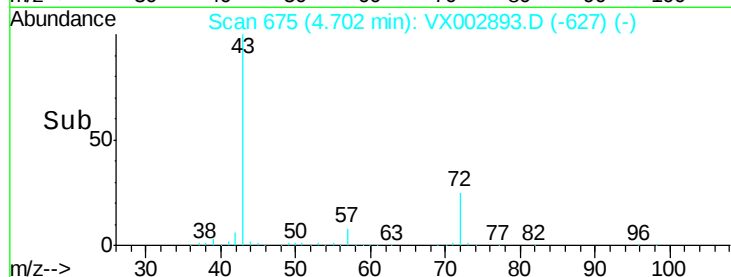
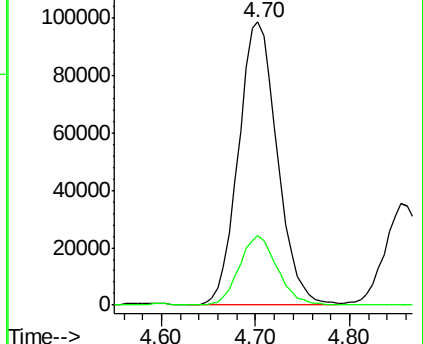
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 24.06 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX002893.D

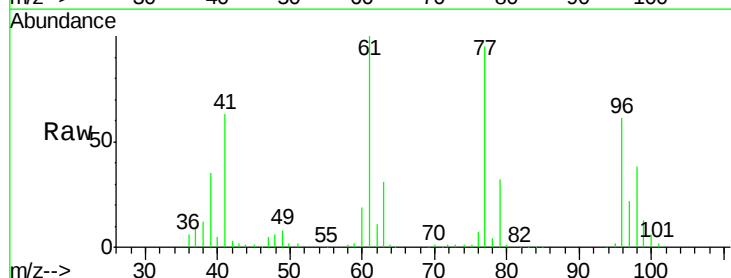
Acq: 26 Jun 2018 12:46

Tgt Ion: 77 Resp: 110919

Ion Ratio Lower Upper

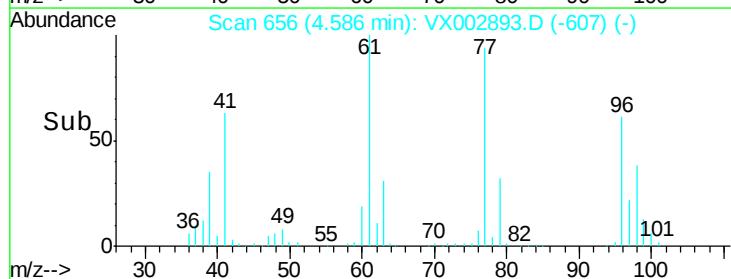
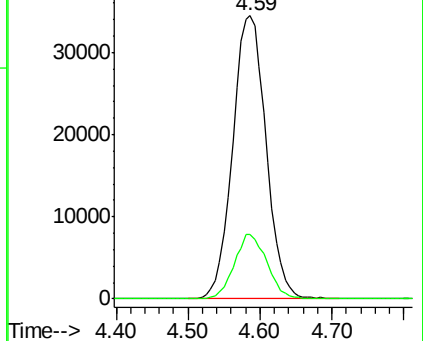
77 100

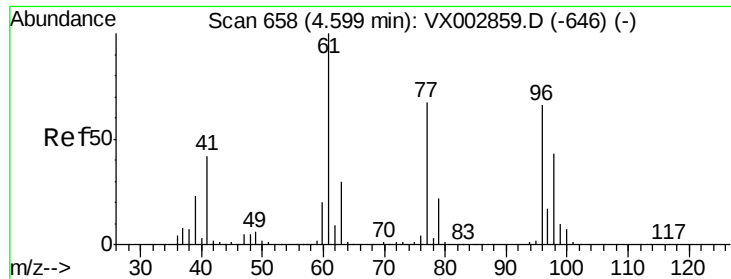
97 22.3 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

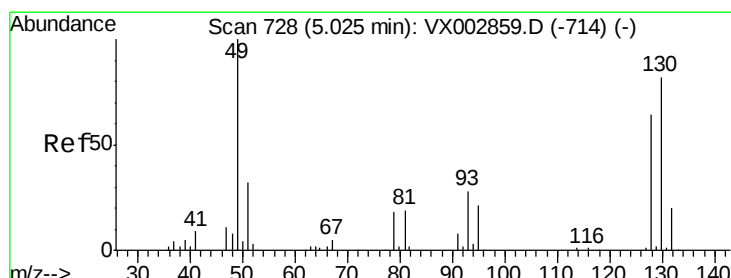
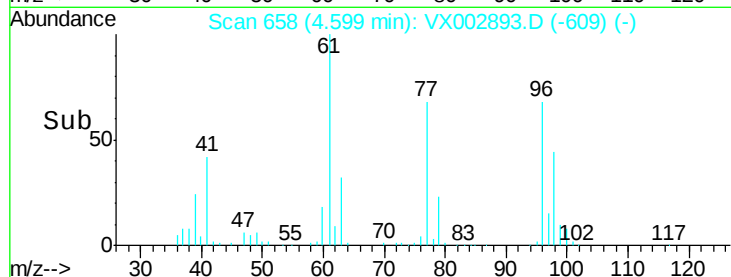
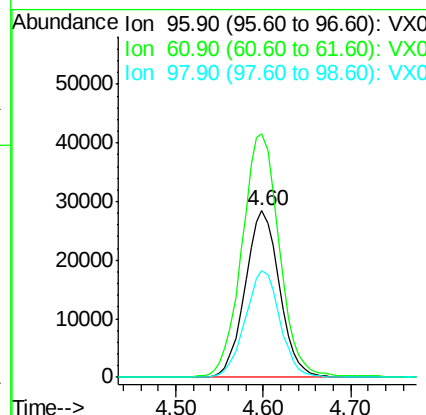
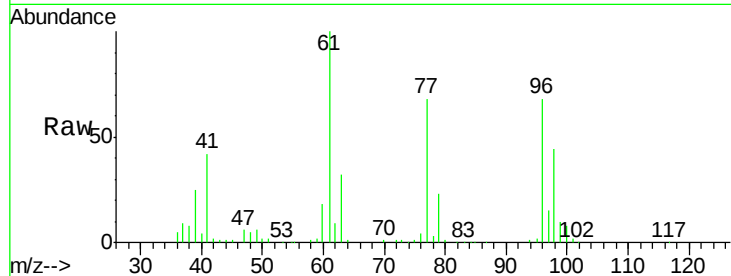
cis-1,2-Dichloroethene
Concen: 23.00 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.00 min
Lab File: VX002893.D
Acq: 26 Jun 2018 12:46

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	159.7	0.0	330.2
98	64.7	0.0	130.2

Manual Integrations
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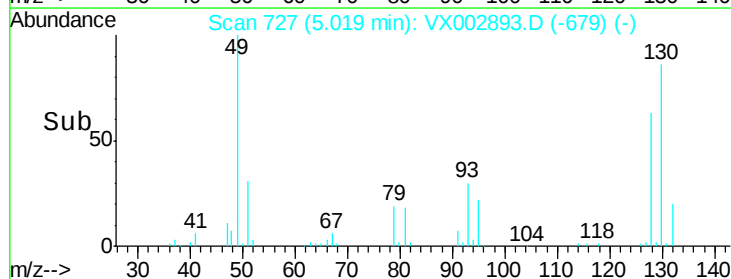
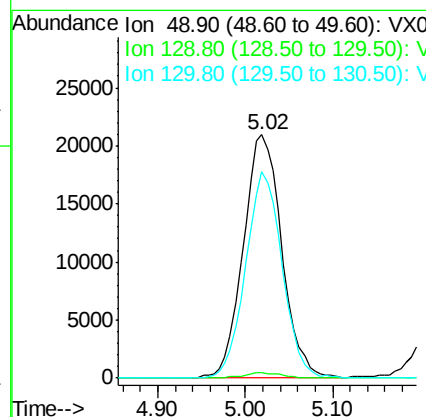
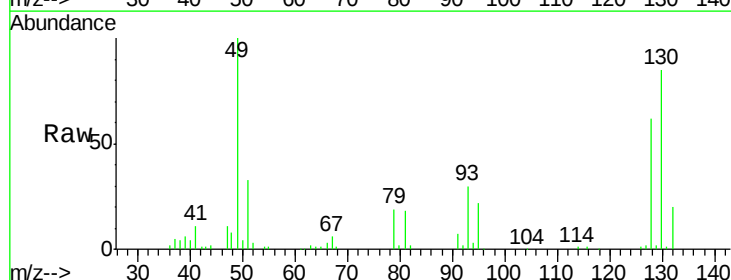
MMDadoda
6/28/2018 3:12:06 PM

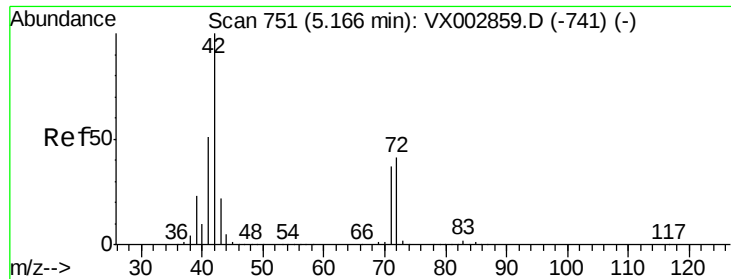


#28

Bromochloromethane
Concen: 23.62 ug/l
RT: 5.02 min Scan# 727
Delta R.T. -0.01 min
Lab File: VX002893.D
Acq: 26 Jun 2018 12:46

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	80.7	61.2	91.8





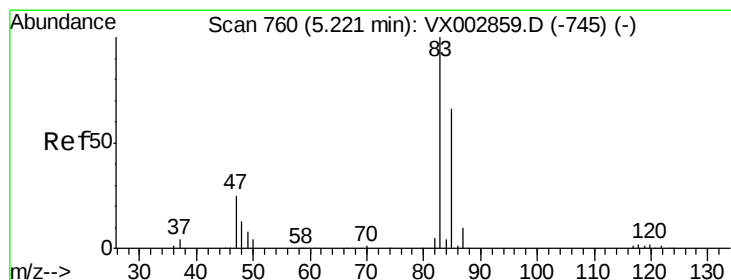
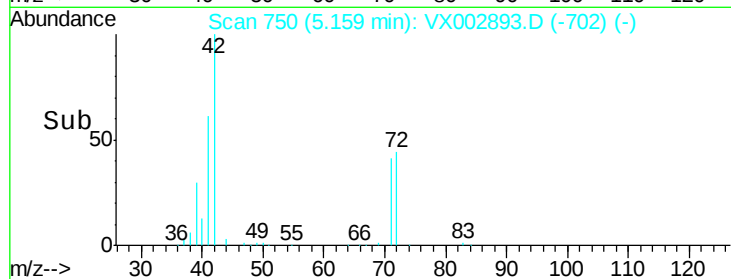
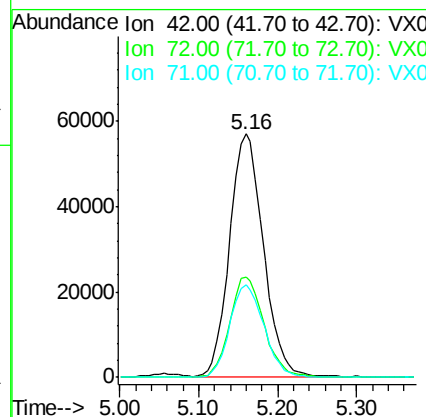
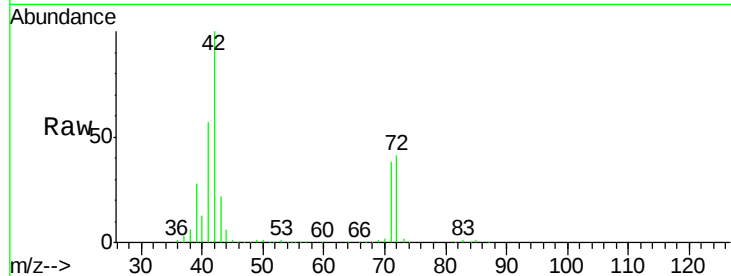
#29
Tetrahydrofuran
Concen: 110.71 ug/l
RT: 5.16 min Scan# 750
Delta R.T. -0.01 min
Lab File: VX002893.D
Acq: 26 Jun 2018 12:46

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.9	32.0	48.0
71	38.8	30.1	45.1

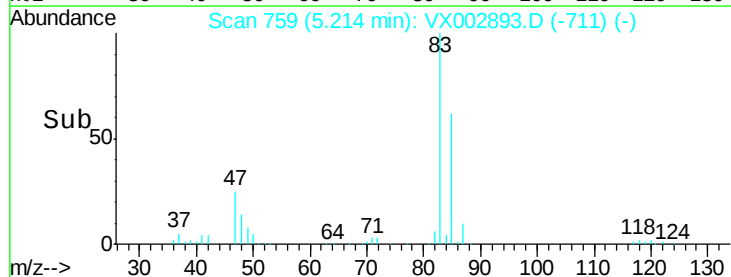
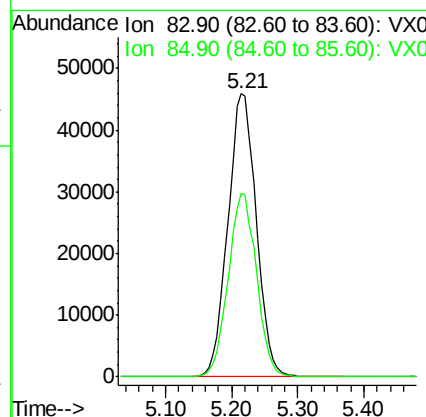
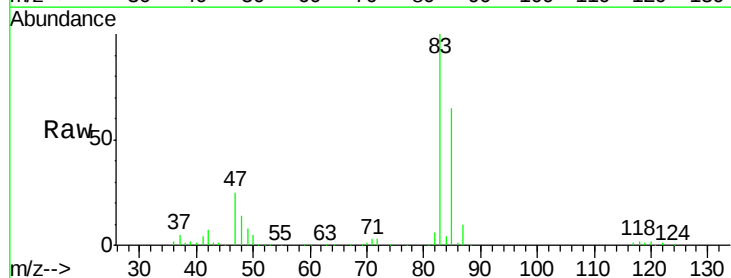
Manual Integrations
APPROVED

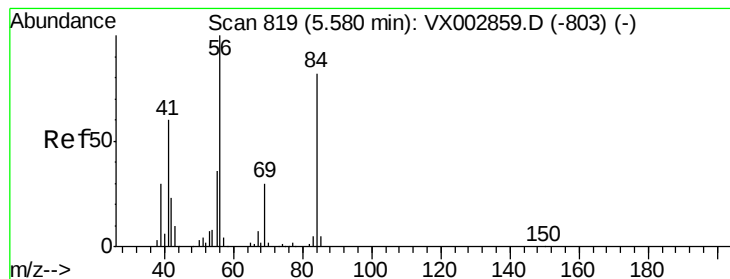
MMDadoda
6/28/2018 3:12:06 PM



#30
Chloroform
Concen: 23.48 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX002893.D
Acq: 26 Jun 2018 12:46

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	50.4	75.6





#31

Cyclohexane

Concen: 23.43 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX002893.D

Acq: 26 Jun 2018 12:46

Instrument :

MSVOA_X

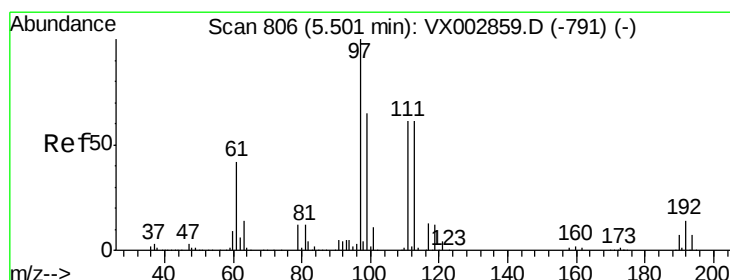
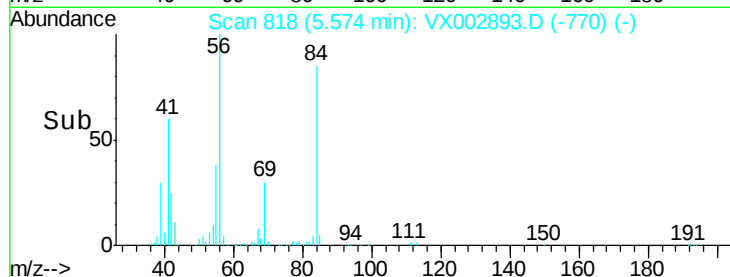
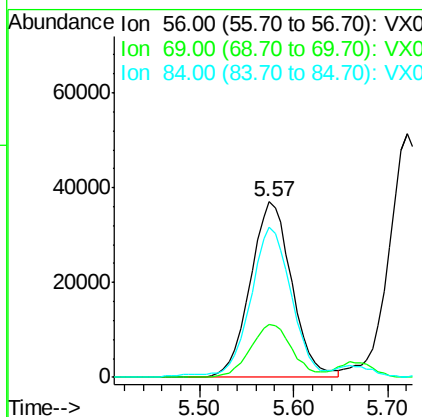
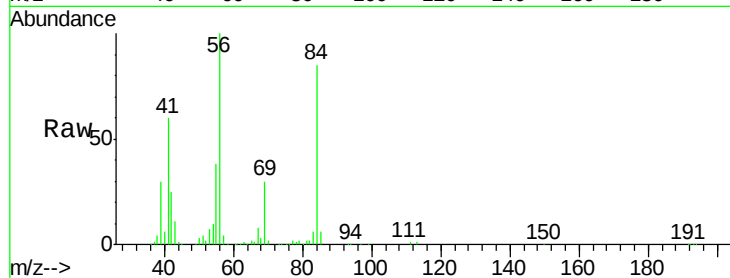
ClientSampleId :

VX0626WBS01

Tot Ion:	56	Resp:	113978
Ion Ratio		Lower	Upper
56	100		
69	30.0	23.7	35.5
84	83.2	64.1	96.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 23.84 ug/l

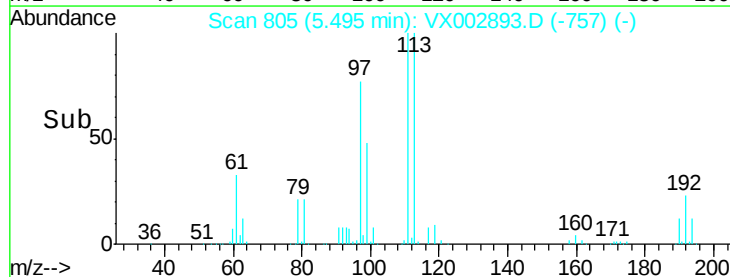
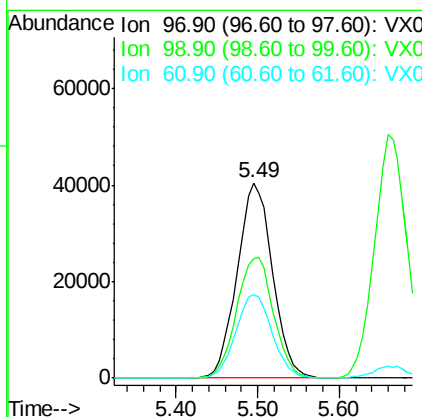
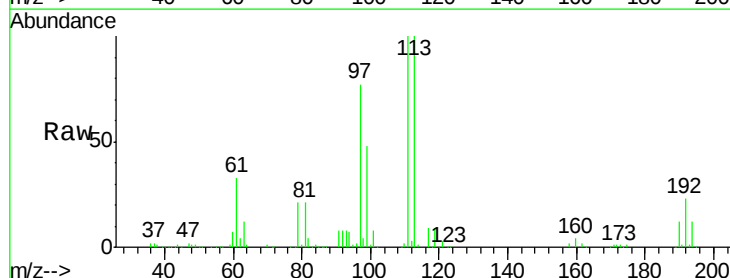
RT: 5.49 min Scan# 805

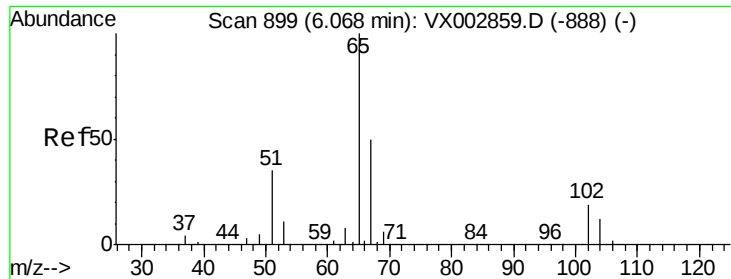
Delta R.T. -0.01 min

Lab File: VX002893.D

Acq: 26 Jun 2018 12:46

Tgt Ion:	97	Resp:	122017
Ion Ratio		Lower	Upper
97	100		
99	64.5	51.6	77.4
61	44.1	36.4	54.6





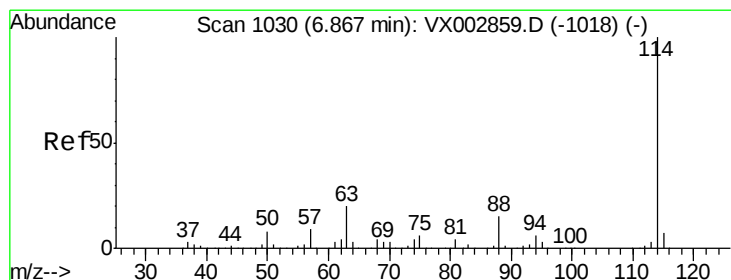
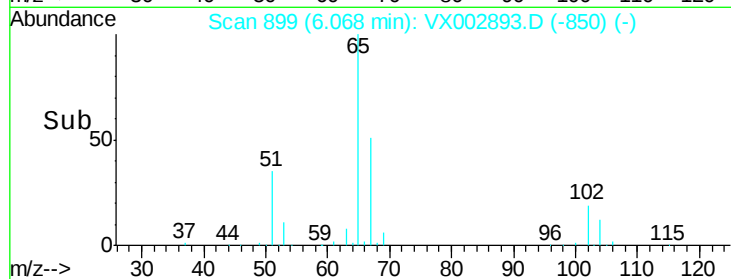
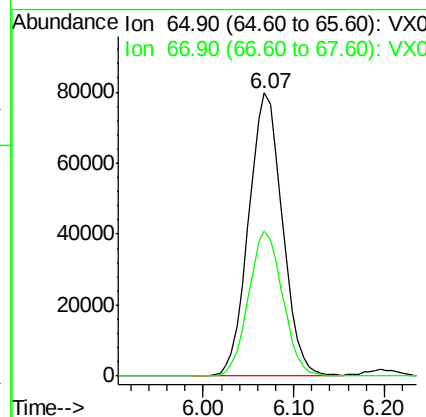
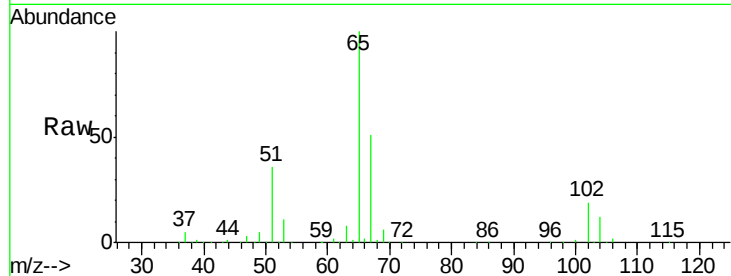
#33
 1,2-Dichloroethane-d4
 Concen: 53.09 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX002893.D
 Acq: 26 Jun 2018 12:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0626WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	205956		
67	51.7	0.0	102.6	

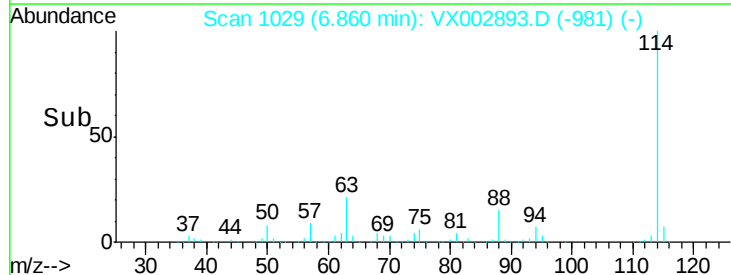
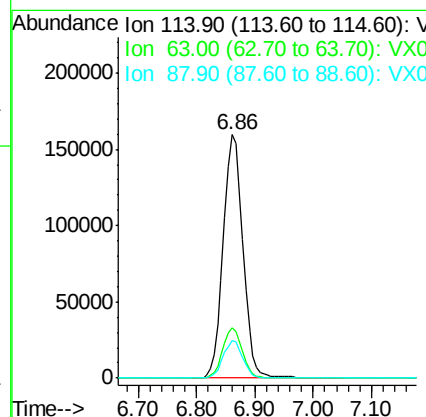
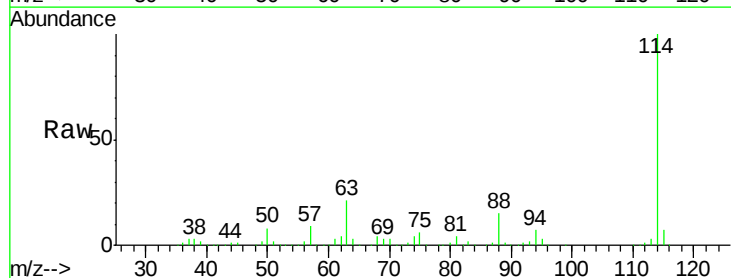
Manual Integrations
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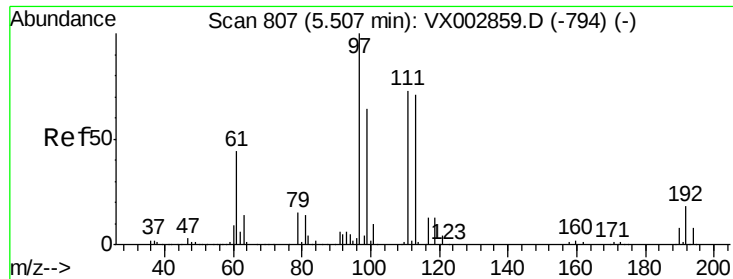
MMDadoda
 6/28/2018 3:12:06 PM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX002893.D
 Acq: 26 Jun 2018 12:46

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	377694		
63	20.7	0.0	41.4	
88	15.3	0.0	30.0	





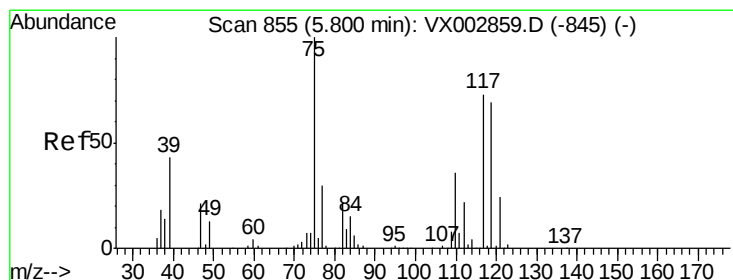
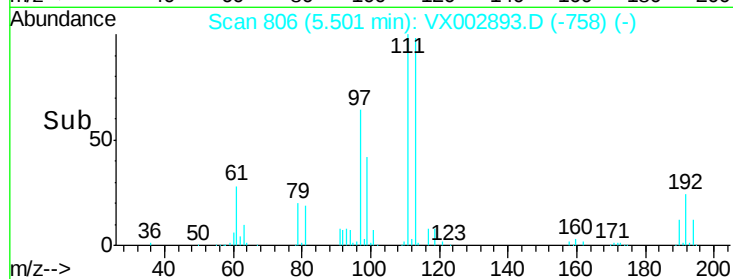
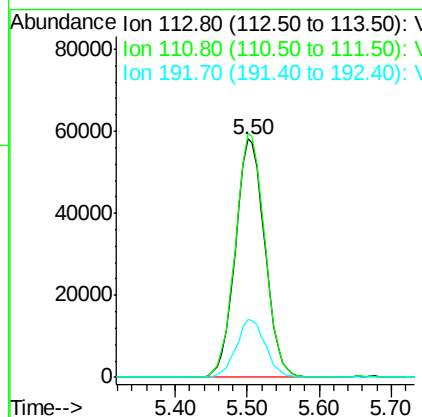
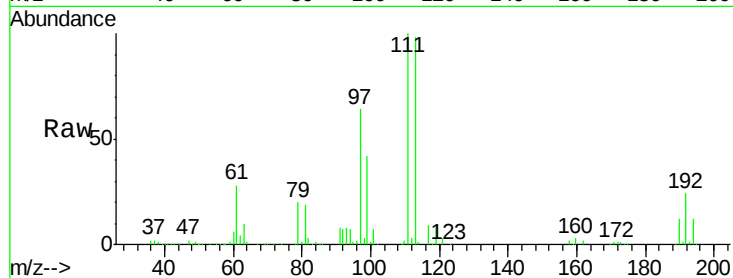
#35
 Dibromofluoromethane
 Concen: 55.22 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: VX002893.D
 Acq: 26 Jun 2018 12:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0626WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	165158		
111	102.0	81.4	122.0	
192	24.0	19.1	28.7	

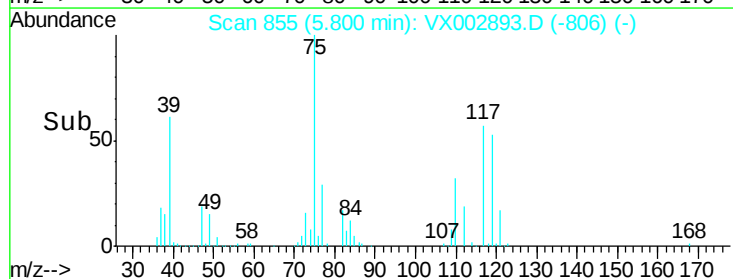
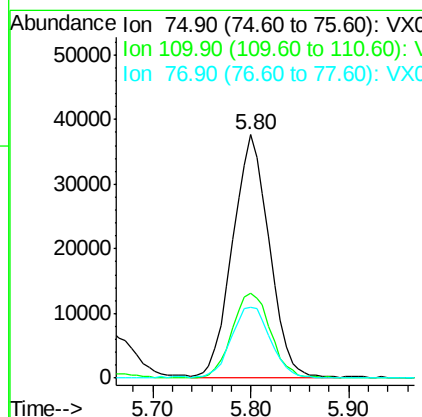
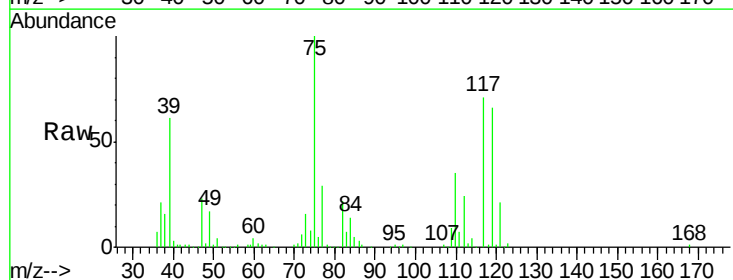
Manual Integrations
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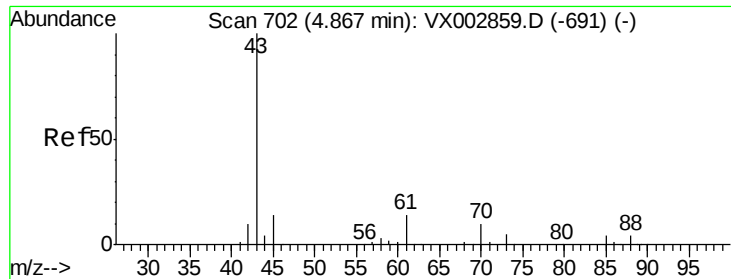
MMDadoda
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#36
 1,1-Dichloropropene
 Concen: 23.43 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.00 min
 Lab File: VX002893.D
 Acq: 26 Jun 2018 12:46

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	97035		
110	37.3	18.1	54.4	
77	31.3	24.3	36.5	





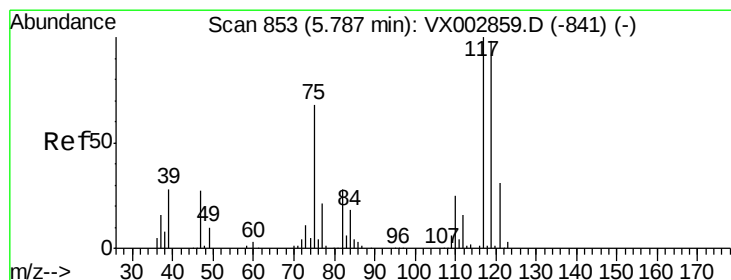
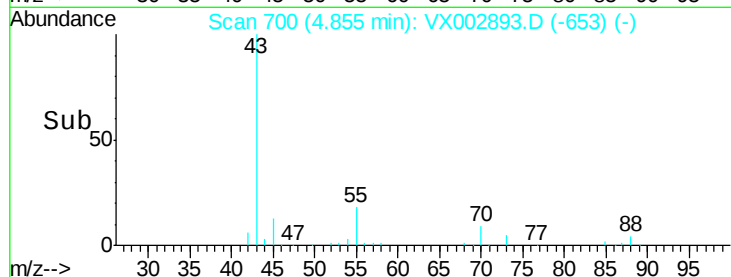
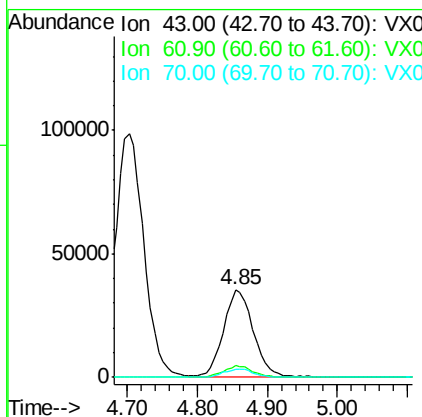
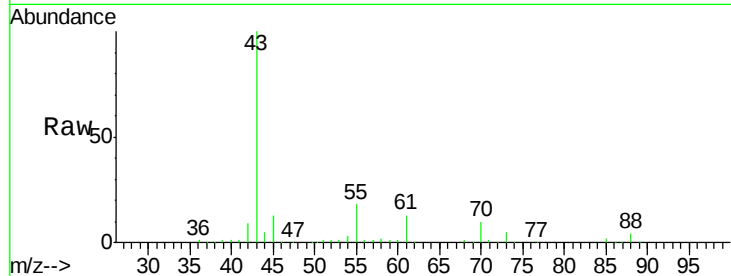
#37
Ethyl Acetate
Concen: 23.37 ug/l
RT: 4.85 min Scan# 700
Delta R.T. -0.01 min
Lab File: VX002893.D
Acq: 26 Jun 2018 12:46

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.4	10.4	15.6
70	9.8	7.6	11.4

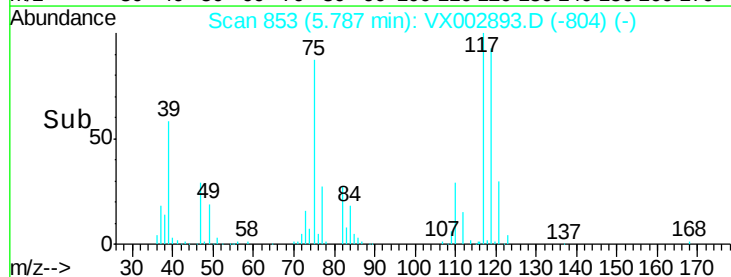
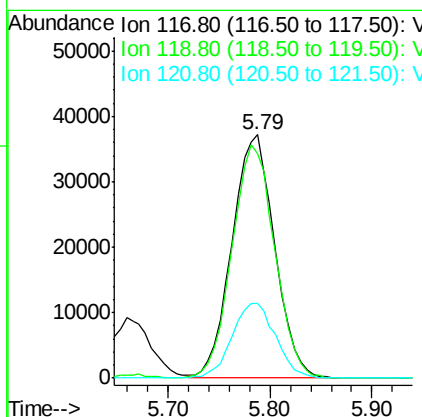
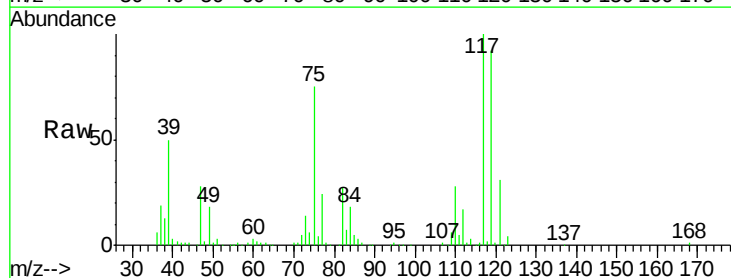
Manual Integrations
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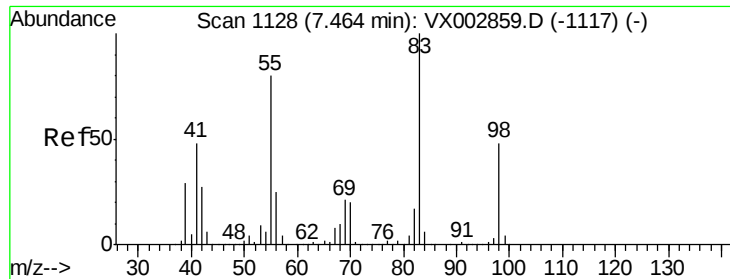
MMDadoda
6/28/2018 3:12:06 PM



#38
Carbon Tetrachloride
Concen: 23.80 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002893.D
Acq: 26 Jun 2018 12:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.2	77.4	116.0
121	30.9	24.4	36.6





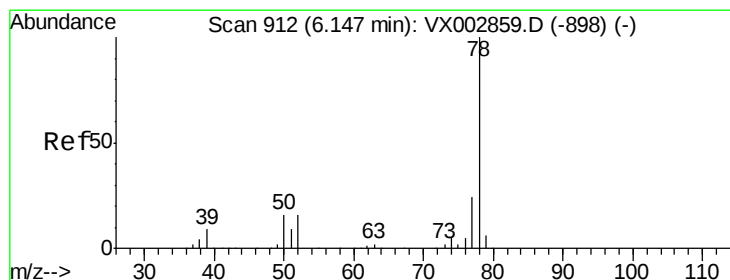
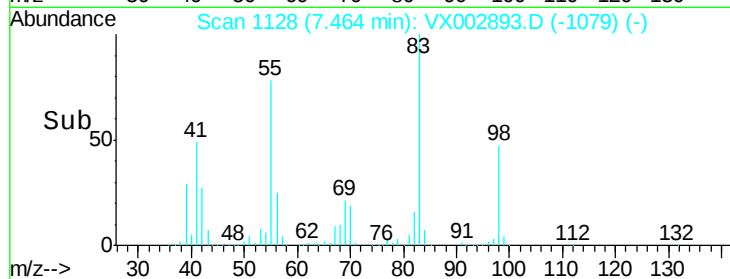
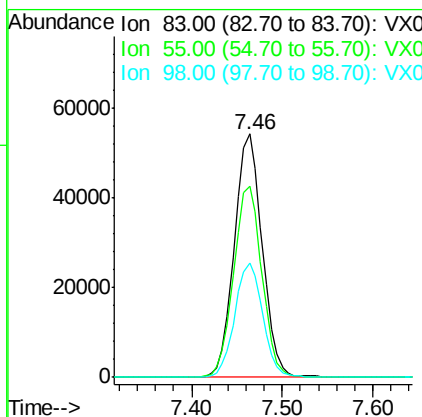
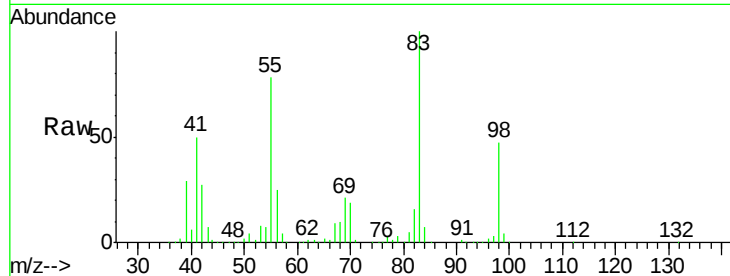
#39
Methvlcvclohexane
Concen: 24.02 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002893.D
Acq: 26 Jun 2018 12:46

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	78.2	65.4	98.0	
98	46.9	37.4	56.0	

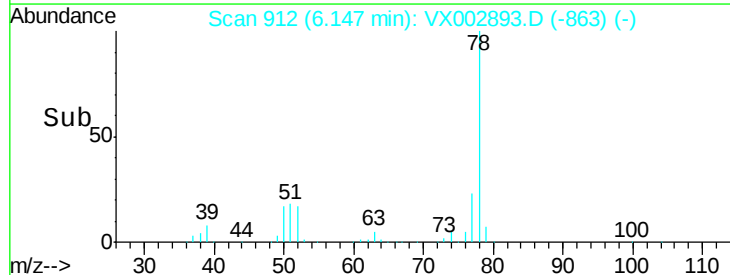
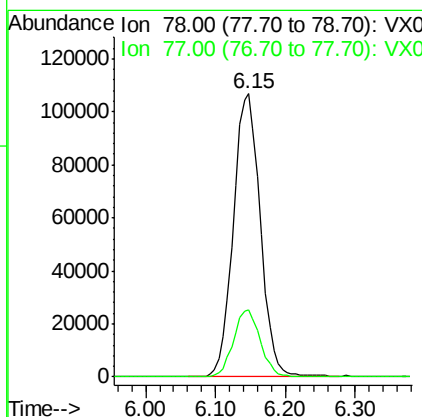
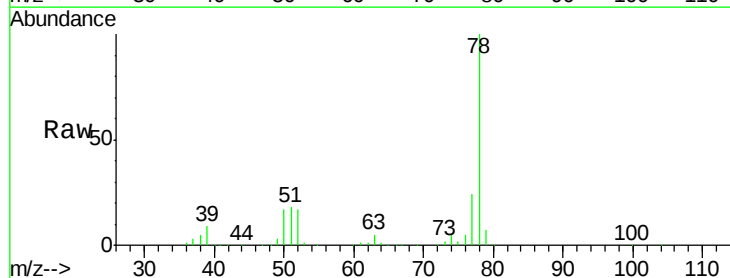
Manual Integrations
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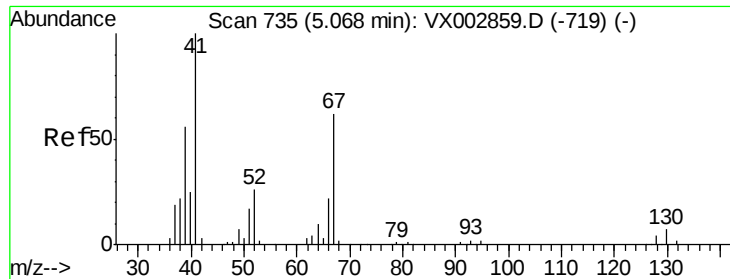
MMDadoda
6/28/2018 3:12:06 PM



#40
Benzene
Concen: 23.77 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002893.D
Acq: 26 Jun 2018 12:46

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.5	19.1	28.7	





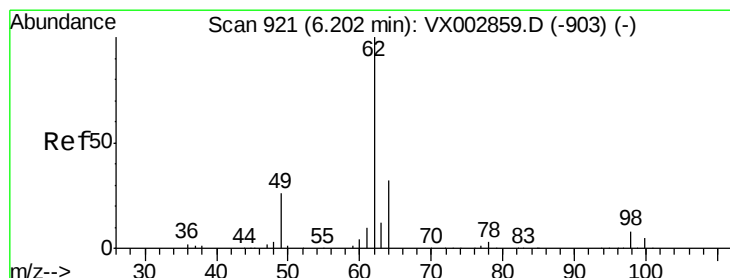
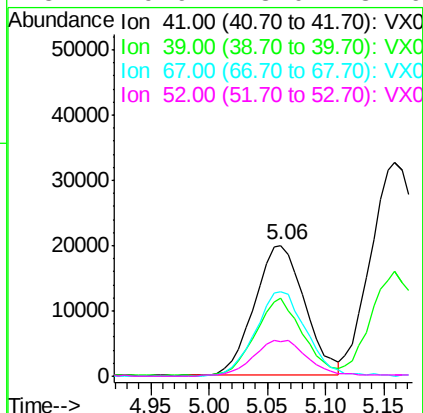
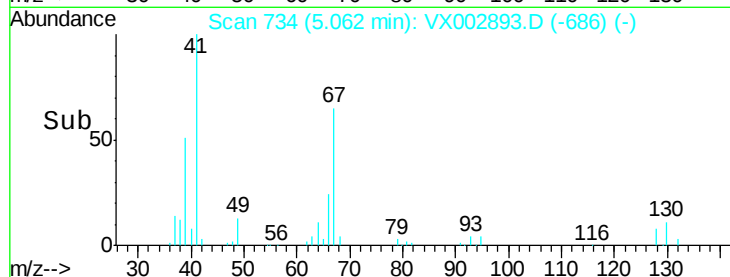
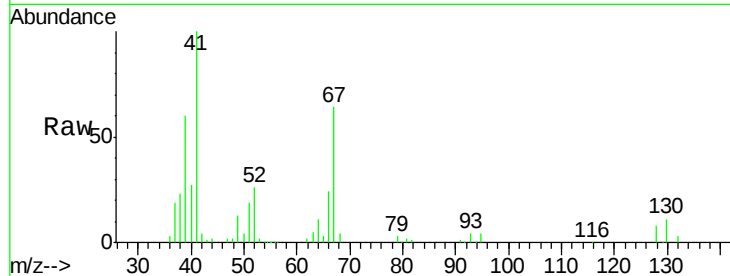
#41
Methacrylonitrile
Concen: 23.36 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX002893.D
Acq: 26 Jun 2018 12:46

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.5	45.8	68.6	
67	65.8	51.3	76.9	
52	29.9	23.0	34.6	

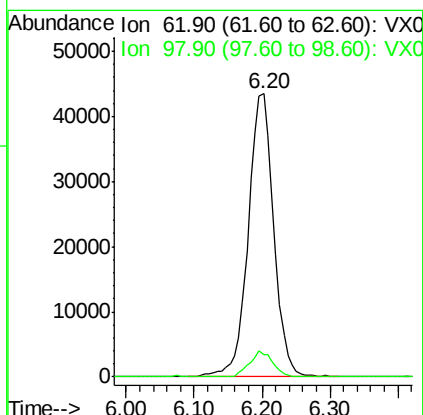
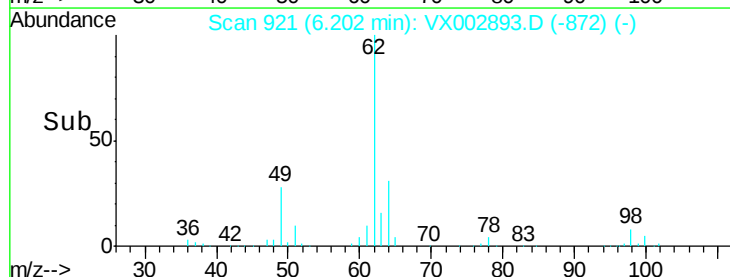
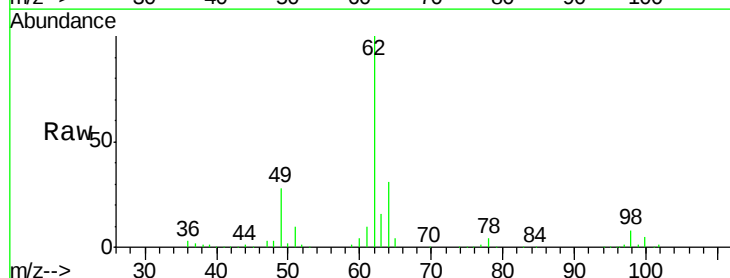
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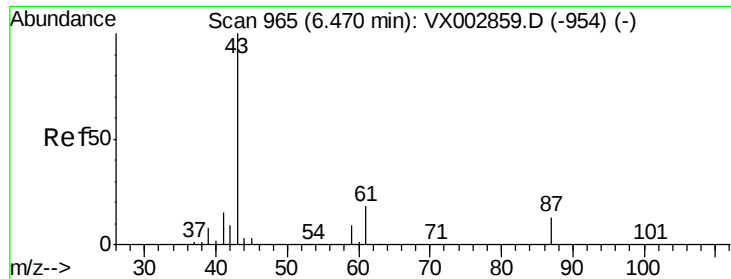
MMDadoda
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#42
1,2-Dichloroethane
Concen: 23.42 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002893.D
Acq: 26 Jun 2018 12:46

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.4	0.0	16.6	





#43

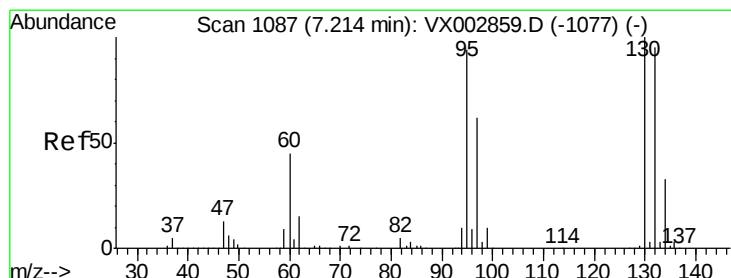
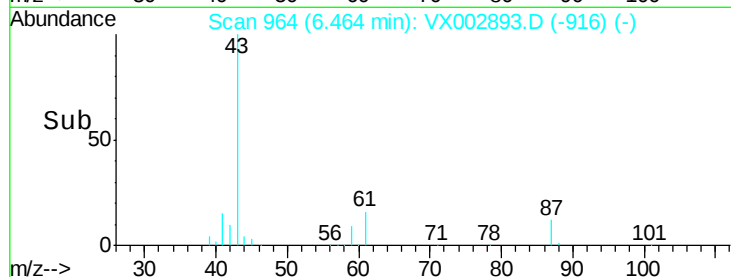
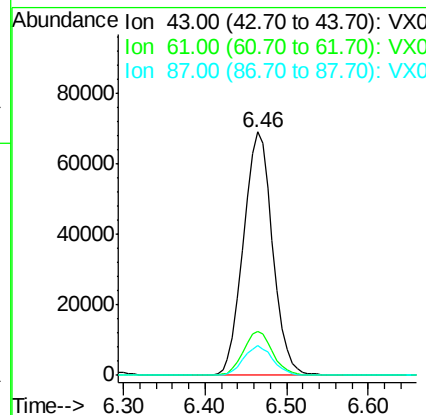
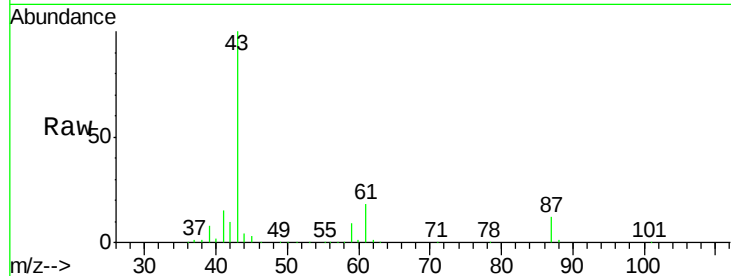
Isopropyl Acetate
 Concen: 22.86 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. -0.01 min
 Lab File: VX002893.D
 Acq: 26 Jun 2018 12:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0626WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.2	14.4	21.6
87	12.3	9.5	14.3

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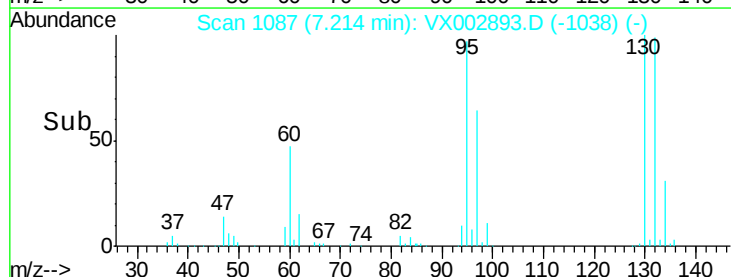
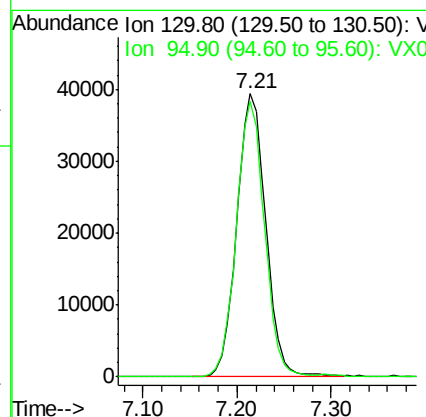
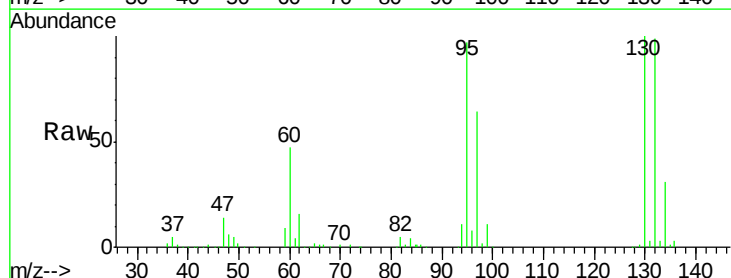
MMDadoda
 6/28/2018 3:12:06 PM

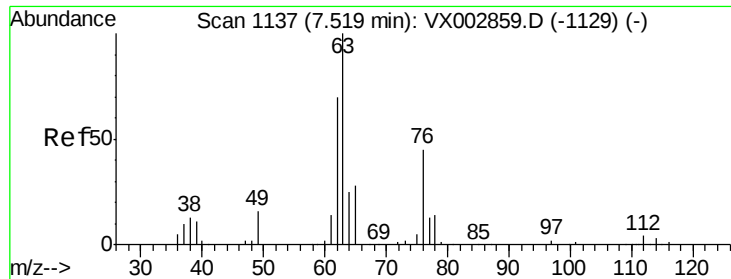


#44

Trichloroethene
 Concen: 23.49 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX002893.D
 Acq: 26 Jun 2018 12:46

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.2	0.0	185.4





#45

1,2-Dichloropropane

Concen: 23.88 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX002893.D

Acq: 26 Jun 2018 12:46

Instrument :

MSVOA_X

ClientSampleId :

VX0626WBS01

Tot Ion: 63 Resp: 76238

Ion Ratio Lower Upper

63 100

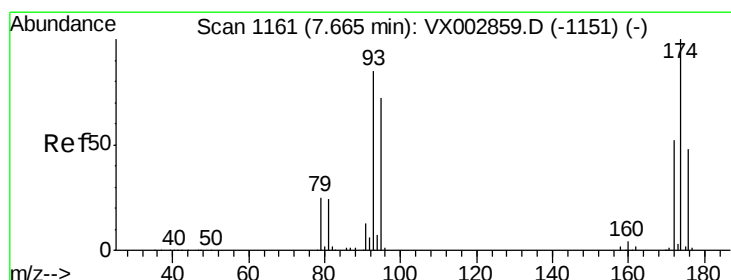
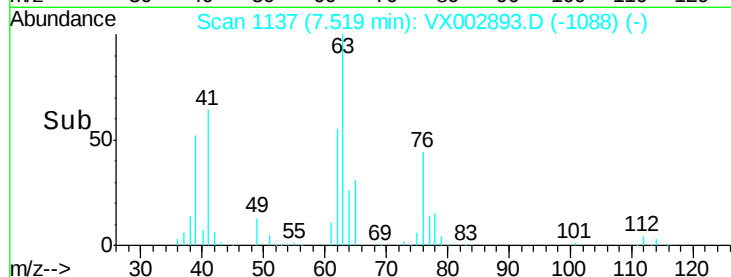
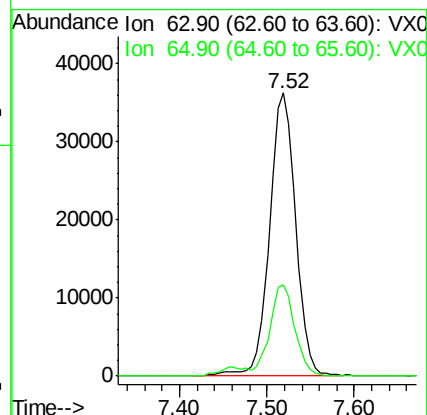
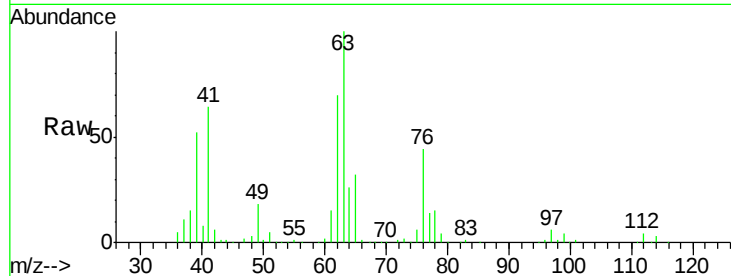
65 32.4 24.7 37.1

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#46

Dibromomethane

Concen: 23.53 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX002893.D

Acq: 26 Jun 2018 12:46

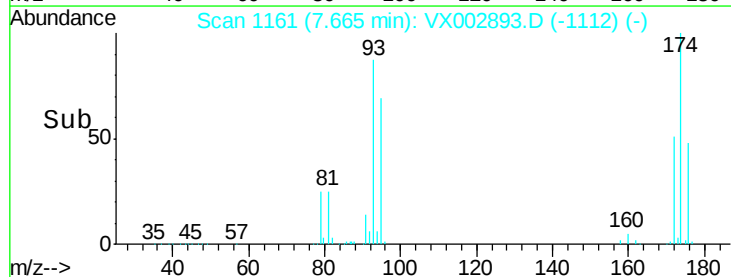
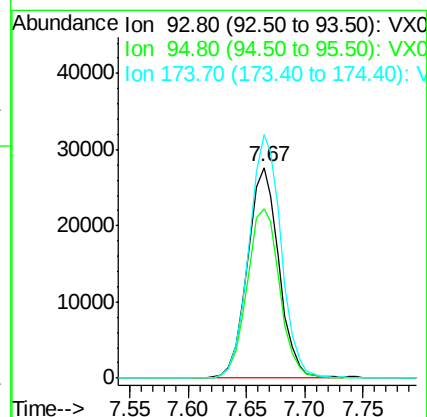
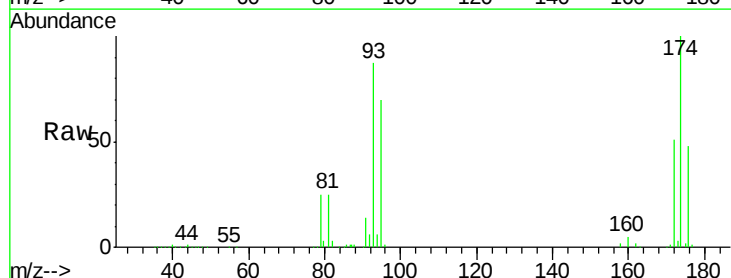
Tgt Ion: 93 Resp: 52125

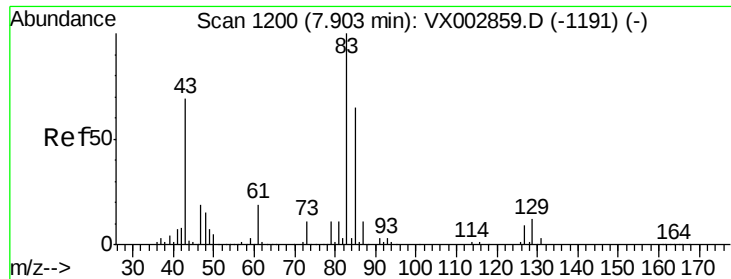
Ion Ratio Lower Upper

93 100

95 83.2 65.9 98.9

174 117.8 92.4 138.6





#47

Bromodichloromethane

Concen: 24.41 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002893.D

Acq: 26 Jun 2018 12:46

Instrument :

MSVOA_X

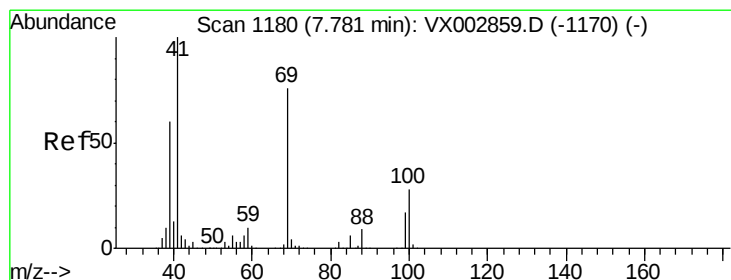
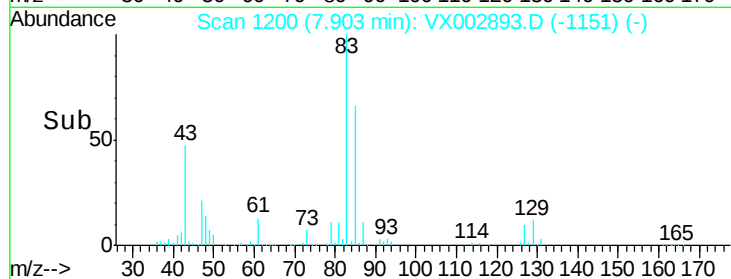
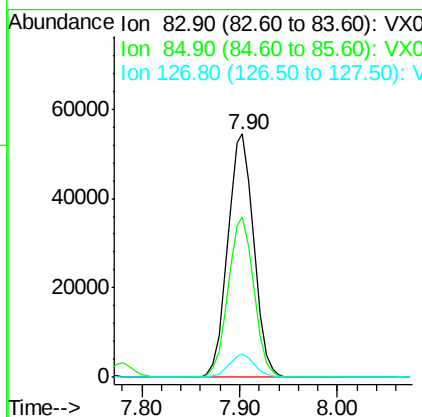
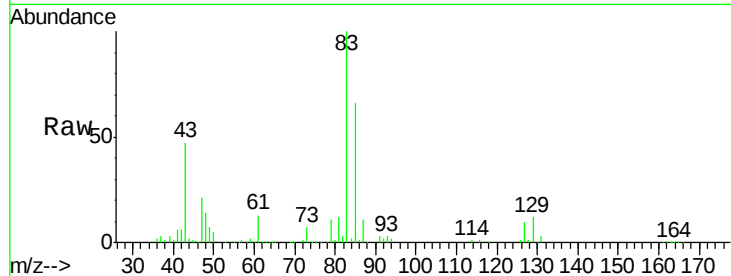
ClientSampleId :

VX0626WBS01

Tot Ion:	83	Resp:	99975
Ion Ratio	Lower	Upper	
83	100		
85	65.8	50.3	75.5
127	9.7	7.0	10.4

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#48

Methyl methacrylate

Concen: 23.29 ug/l

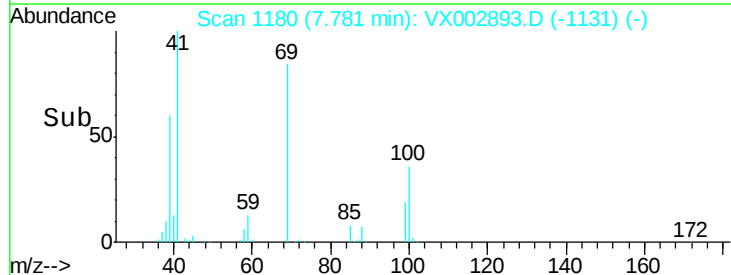
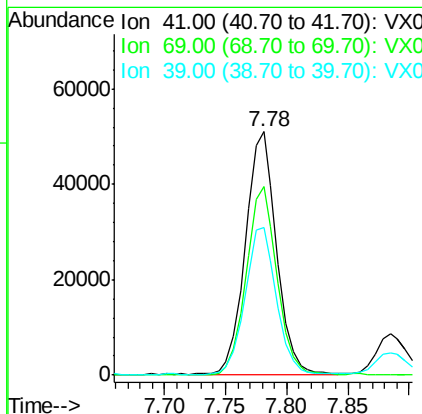
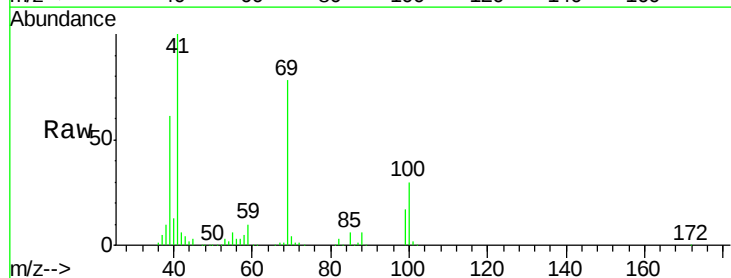
RT: 7.78 min Scan# 1180

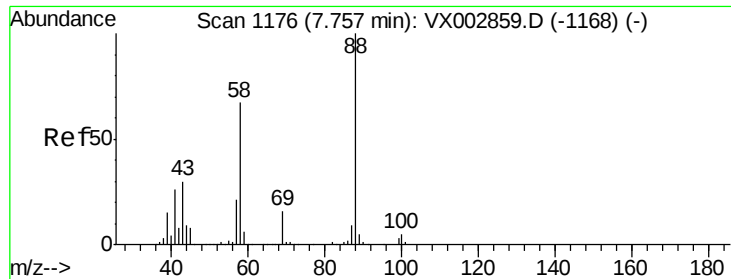
Delta R.T. -0.00 min

Lab File: VX002893.D

Acq: 26 Jun 2018 12:46

Tgt Ion:	41	Resp:	89760
Ion Ratio	Lower	Upper	
41	100		
69	76.9	59.1	88.7
39	61.2	48.9	73.3





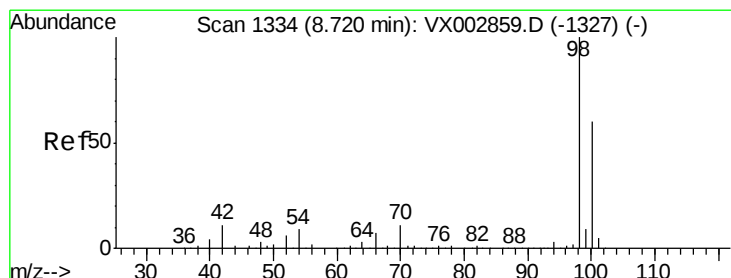
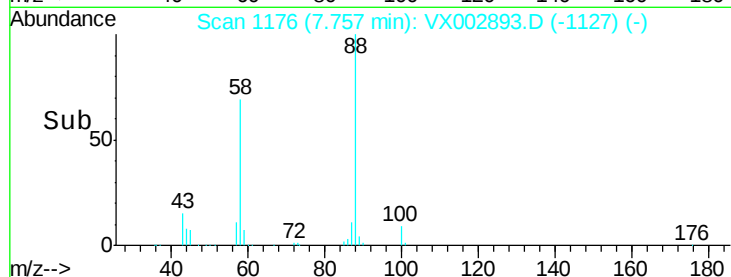
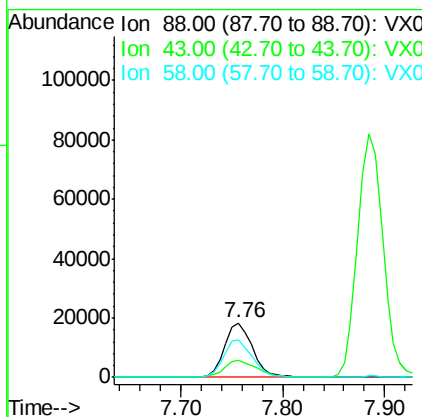
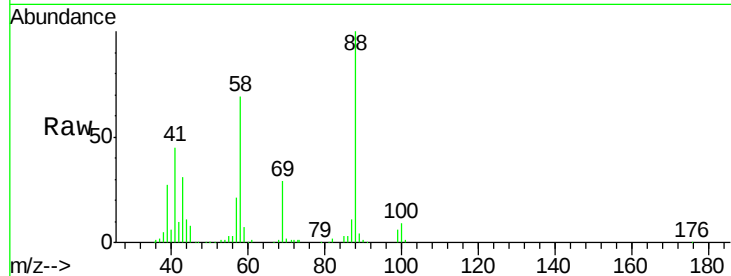
#49
1,4-Dioxane
Concen: 463.99 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX002893.D
Acq: 26 Jun 2018 12:46

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.3	29.8	44.6
58	71.9	57.1	85.7

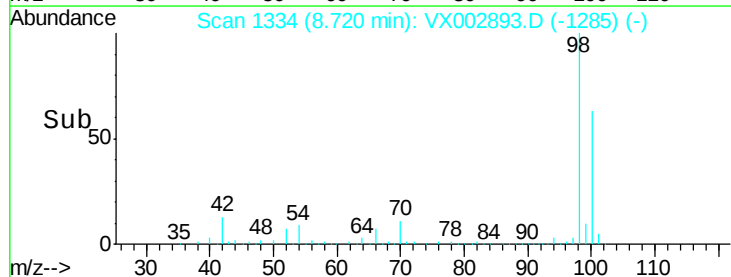
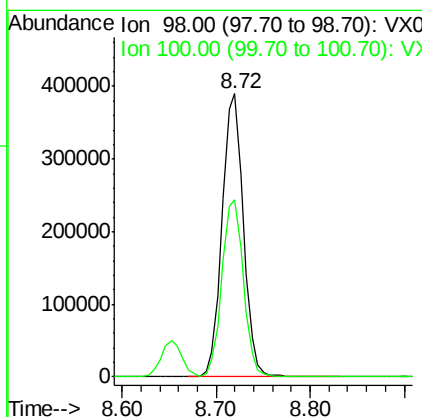
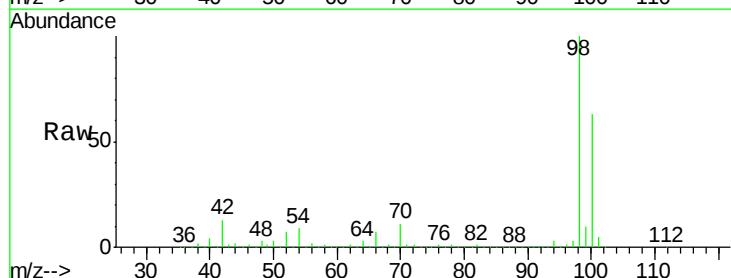
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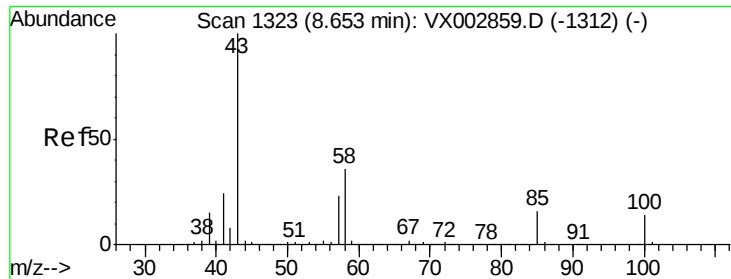
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#50
Toluene-d8
Concen: 55.78 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002893.D
Acq: 26 Jun 2018 12:46

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.7	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 118.88 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002893.D

Acq: 26 Jun 2018 12:46

Instrument :

MSVOA_X

ClientSampleId :

VX0626WBS01

Tot Ion: 43 Resp: 556282

Ion Ratio Lower Upper

43 100

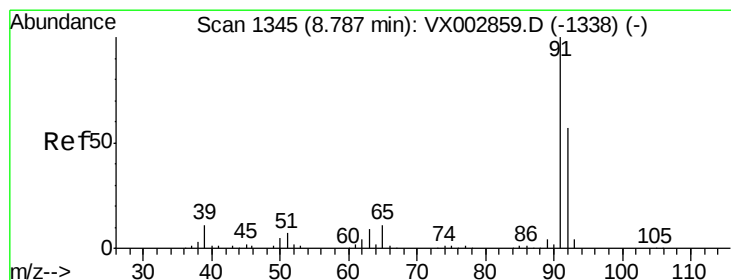
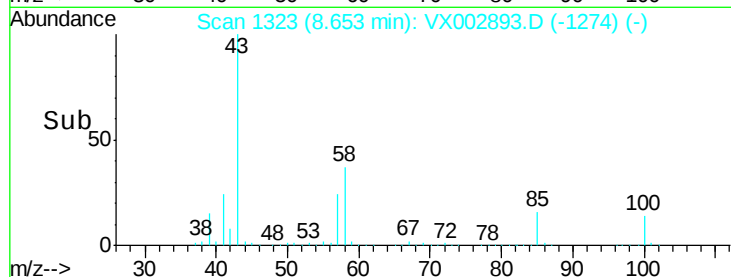
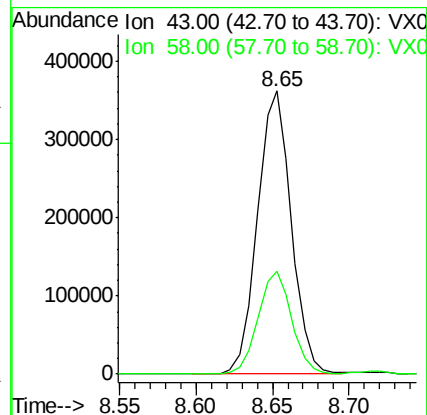
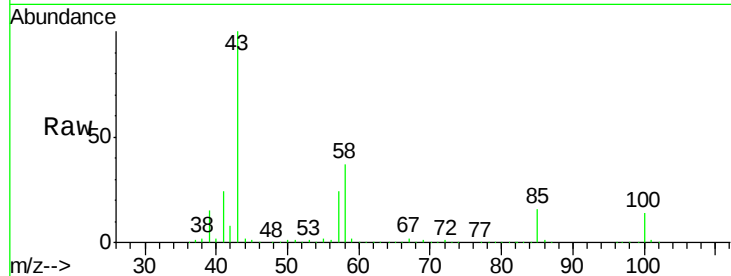
58 36.1 28.6 42.8

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#52

Toluene

Concen: 24.38 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002893.D

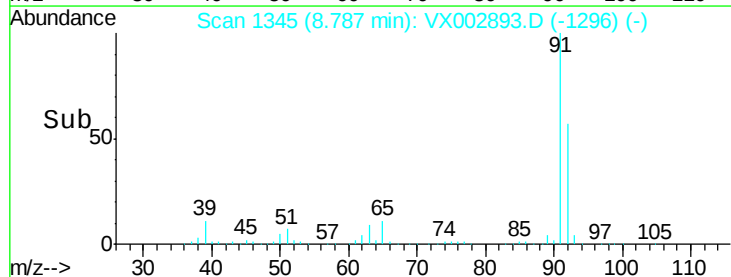
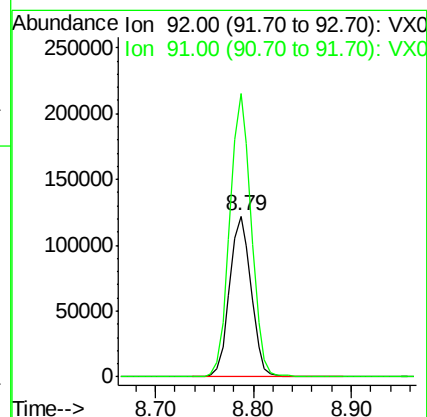
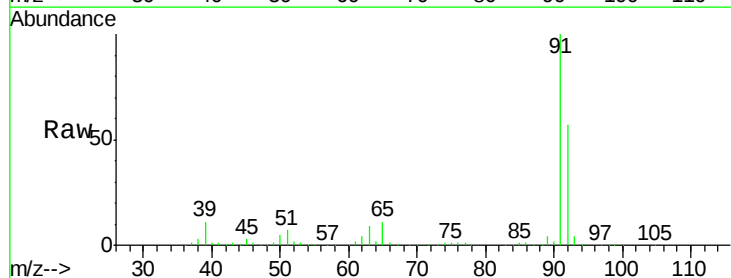
Acq: 26 Jun 2018 12:46

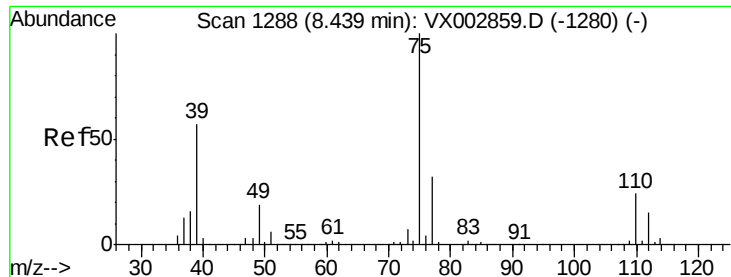
Tgt Ion: 92 Resp: 187936

Ion Ratio Lower Upper

92 100

91 174.5 140.4 210.6





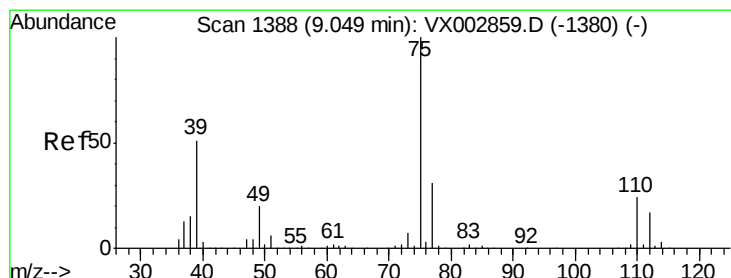
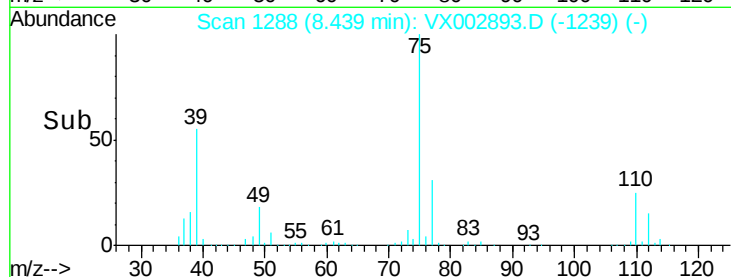
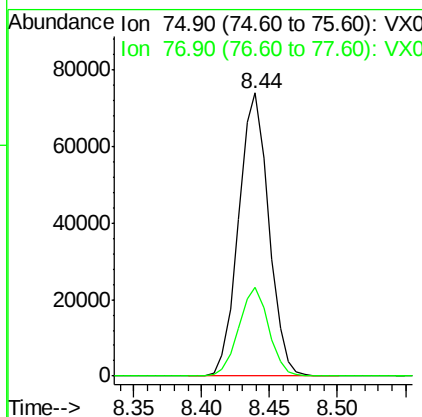
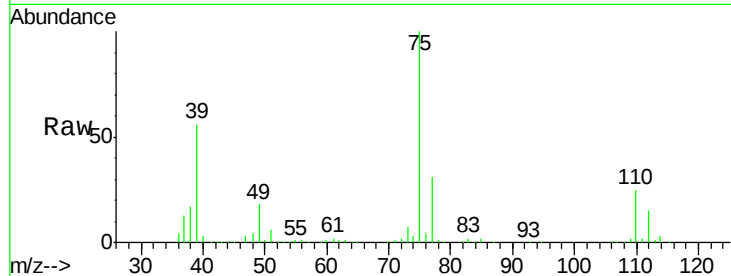
#53
t-1,3-Dichloropropene
Concen: 24.59 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX002893.D
Acq: 26 Jun 2018 12:46

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBS01

Tot Ion: 75 Resp: 114059
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.2

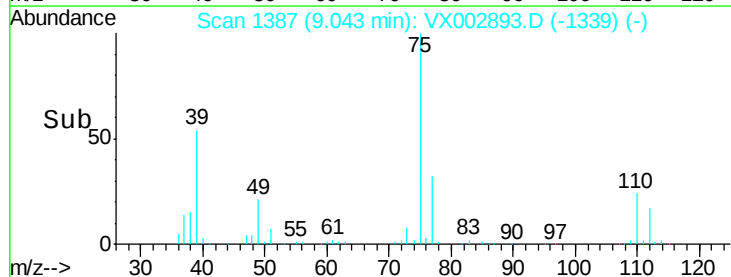
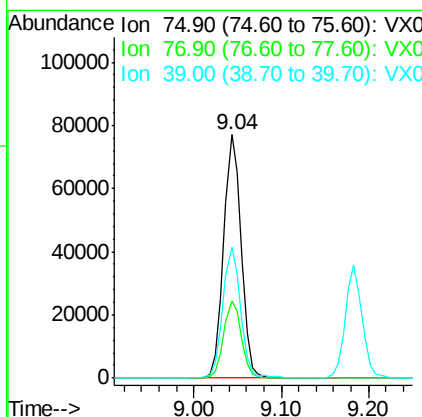
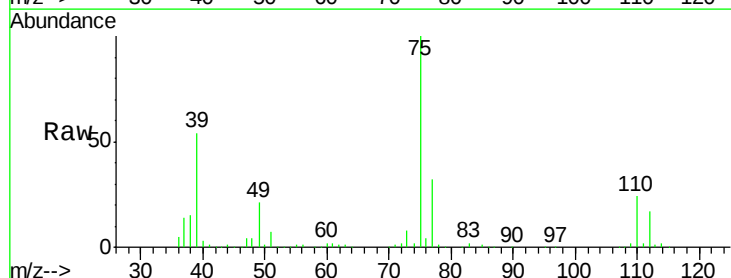
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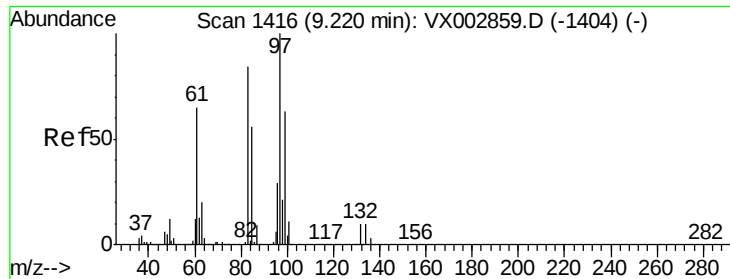
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 23.78 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. -0.01 min
Lab File: VX002893.D
Acq: 26 Jun 2018 12:46

Tgt Ion: 75 Resp: 106150
Ion Ratio Lower Upper
75 100
77 31.7 24.8 37.2
39 53.7 42.4 63.6





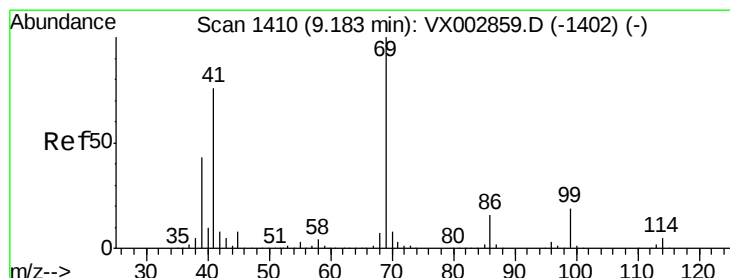
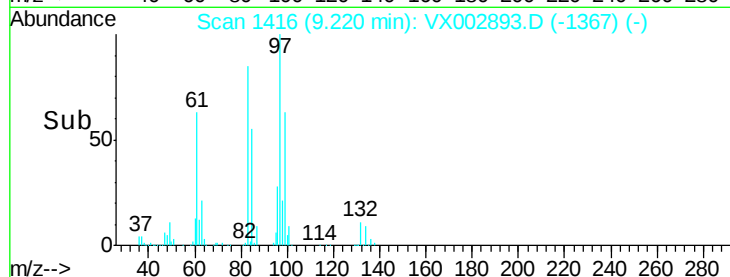
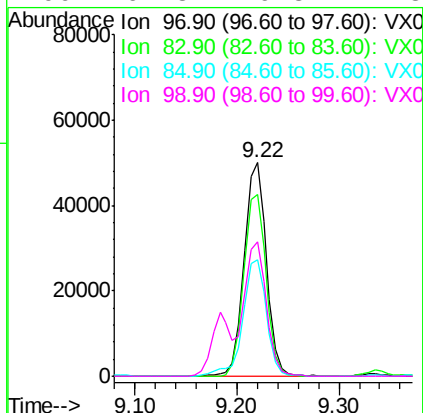
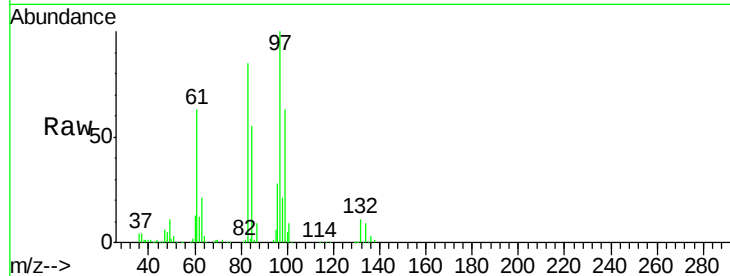
#55
 1,1,2-Trichloroethane
 Concen: 23.99 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002893.D
 Acq: 26 Jun 2018 12:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0626WBS01

Tot Ion	97	Resp	76007
Ion	Ratio	Lower	Upper
97	100		
83	84.8	70.2	105.2
85	54.6	44.9	67.3
99	62.8	49.8	74.8

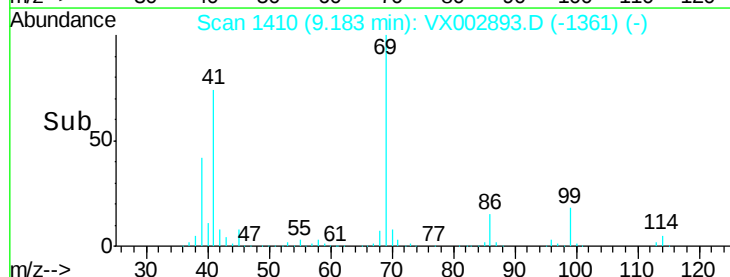
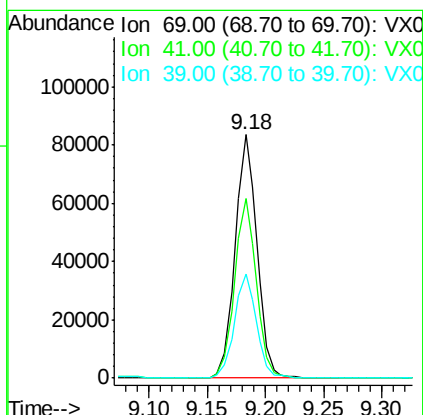
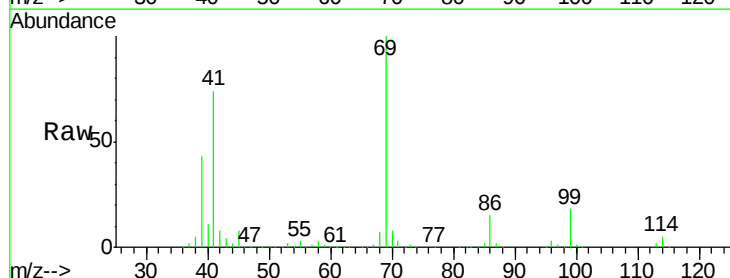
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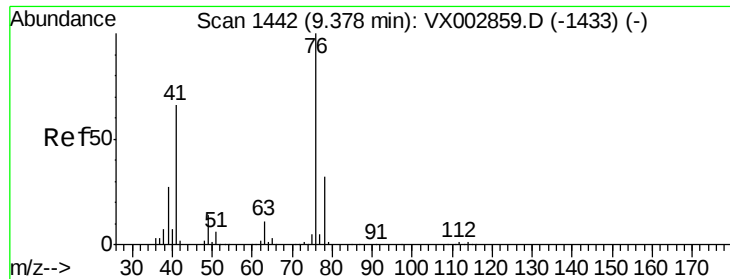
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#56
 Ethyl methacrylate
 Concen: 23.70 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002893.D
 Acq: 26 Jun 2018 12:46

Tgt Ion	69	Resp	109749
Ion	Ratio	Lower	Upper
69	100		
41	73.5	60.3	90.5
39	42.5	35.8	53.8





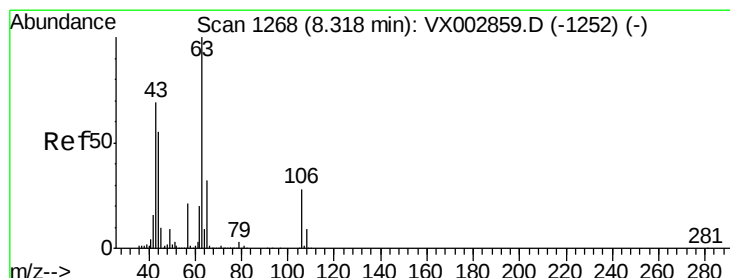
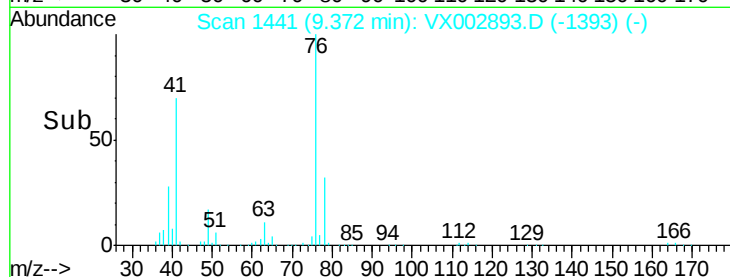
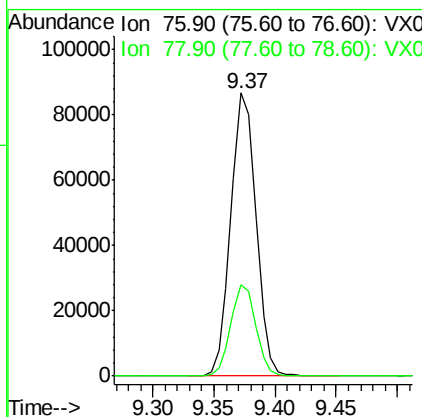
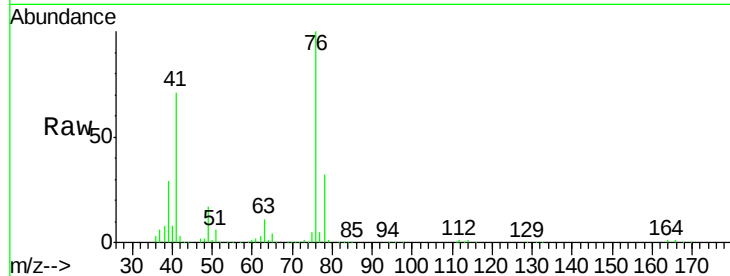
#57
 1,3-Dichloropropane
 Concen: 23.82 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: VX002893.D
 Acq: 26 Jun 2018 12:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0626WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.8	38.6

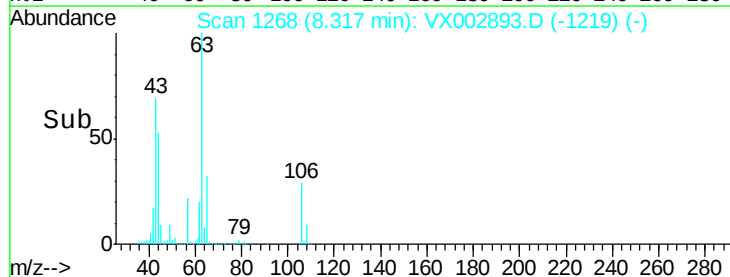
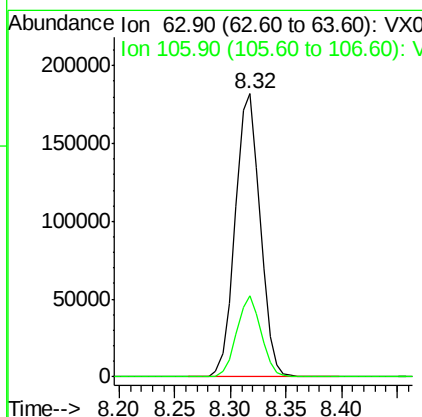
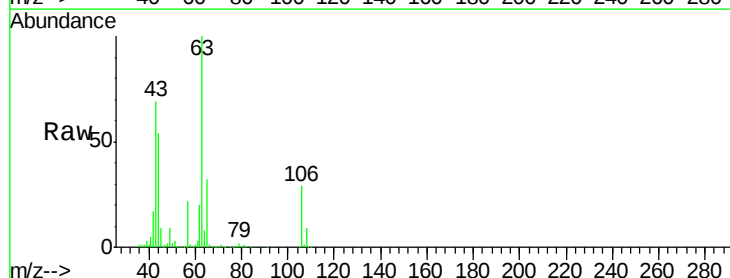
Manual Integrations
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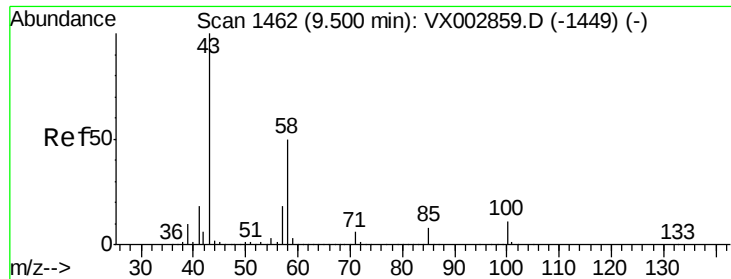
MMDadoda
 6/28/2018 3:12:06 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 126.35 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX002893.D
 Acq: 26 Jun 2018 12:46

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.0	21.8	32.8





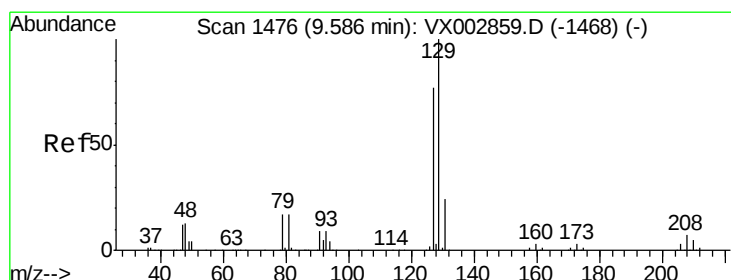
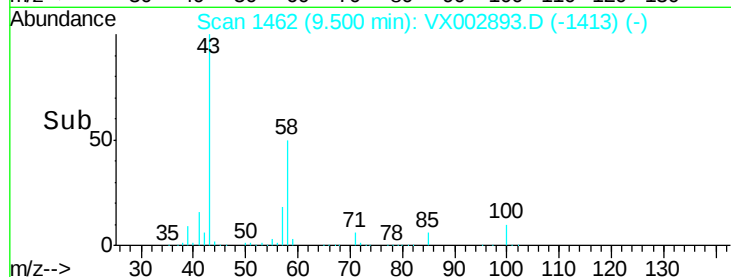
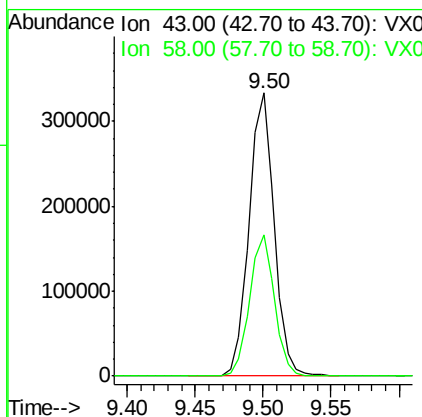
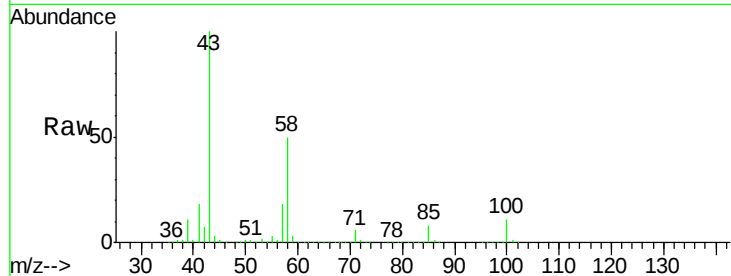
#59
2-Hexanone
Concen: 121.64 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002893.D
Acq: 26 Jun 2018 12:46

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	49.9	24.6	73.6

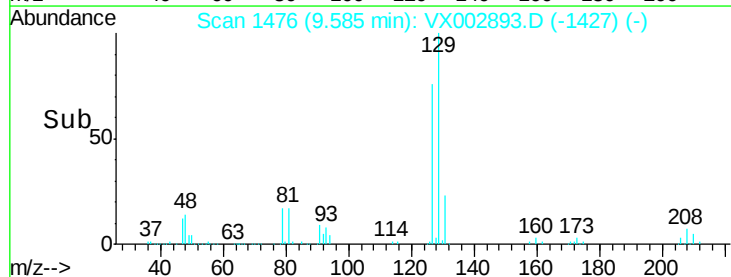
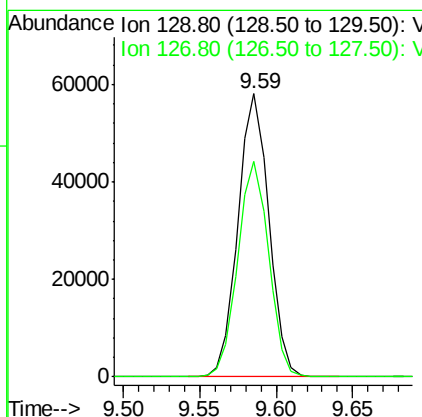
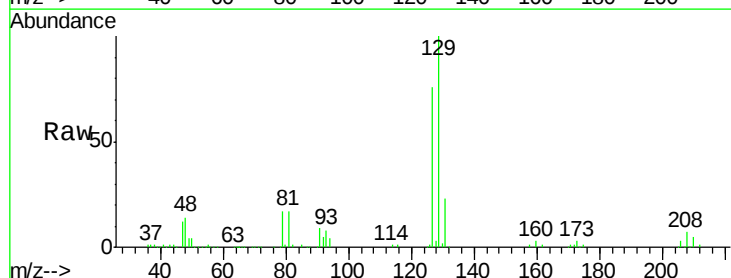
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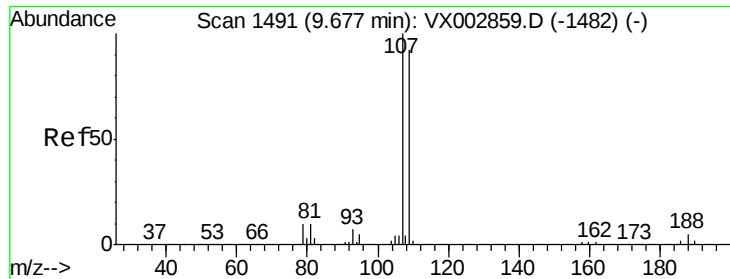
MMDadoda
6/28/2018 3:12:06 PM



#60
Dibromochloromethane
Concen: 24.44 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002893.D
Acq: 26 Jun 2018 12:46

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.3	38.5	115.3





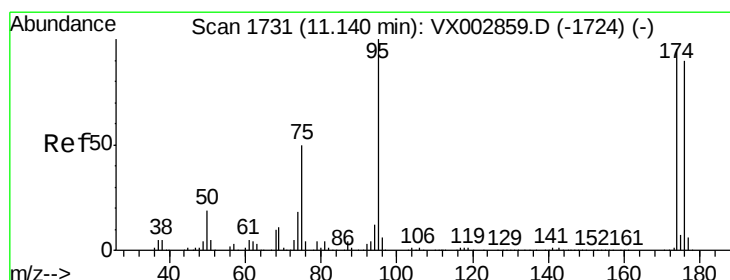
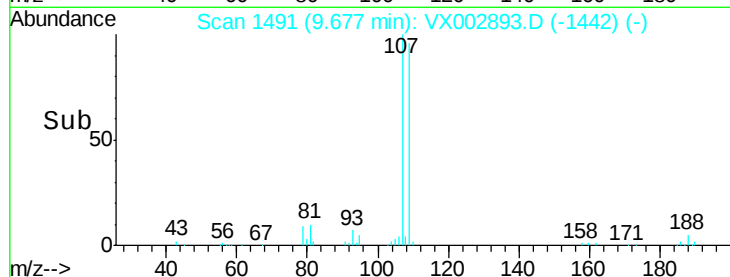
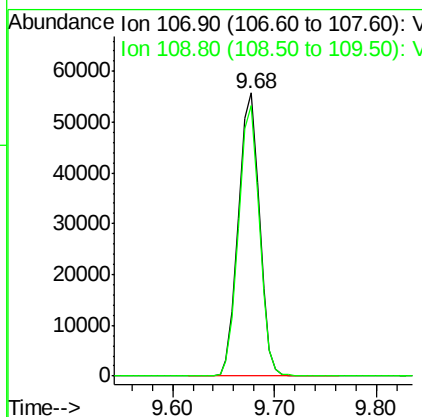
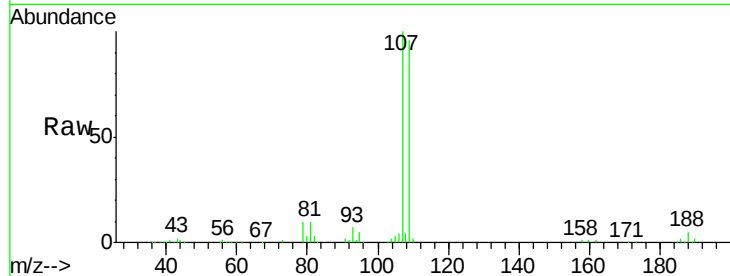
#61
 1,2-Dibromoethane
 Concen: 23.87 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. -0.00 min
 Lab File: VX002893.D
 Acq: 26 Jun 2018 12:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0626WBS01

Tot Ion:107 Resp: 79326
 Ion Ratio Lower Upper
 107 100
 109 95.0 75.3 112.9

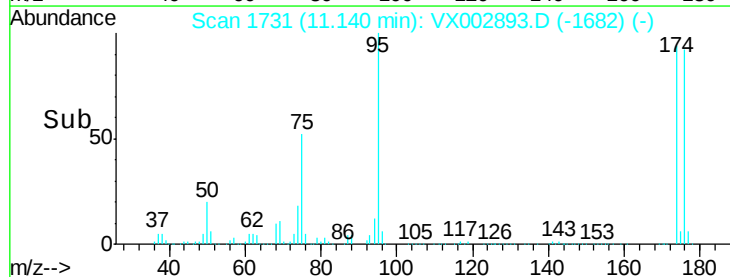
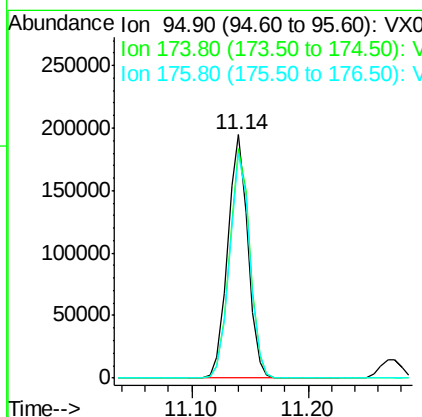
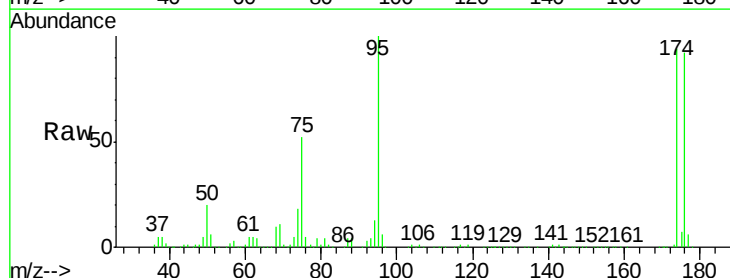
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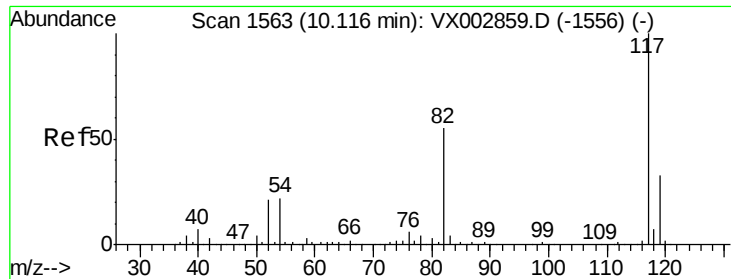
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#62
 4-Bromofluorobenzene
 Concen: 55.39 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX002893.D
 Acq: 26 Jun 2018 12:46

Tgt Ion: 95 Resp: 233299
 Ion Ratio Lower Upper
 95 100
 174 95.7 0.0 187.4
 176 92.8 0.0 181.0





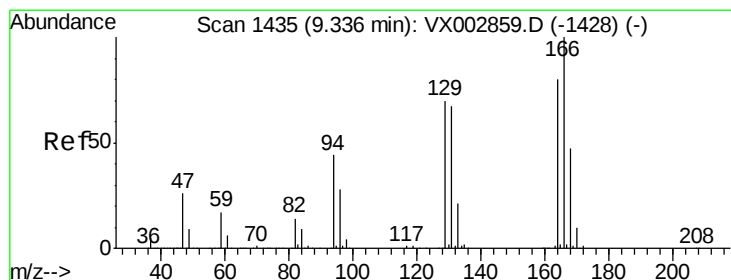
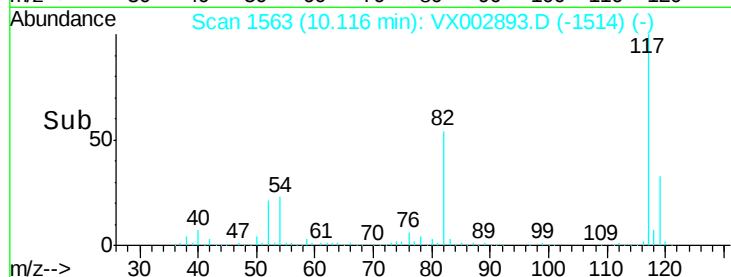
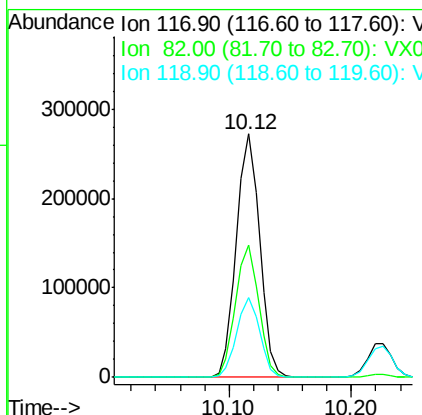
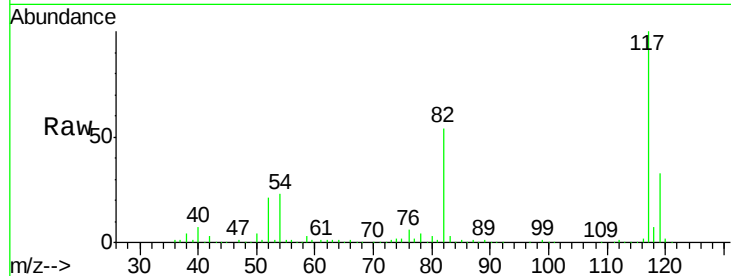
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002893.D
Acq: 26 Jun 2018 12:46

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.3	45.0	67.4
119	32.7	25.8	38.6

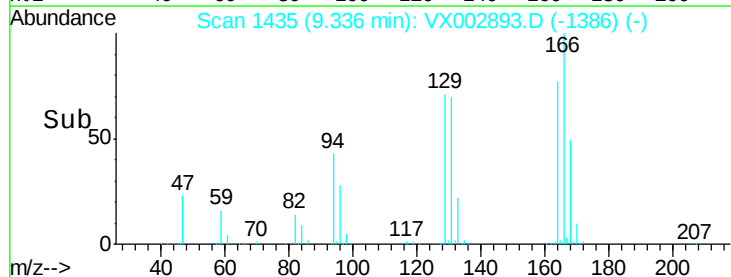
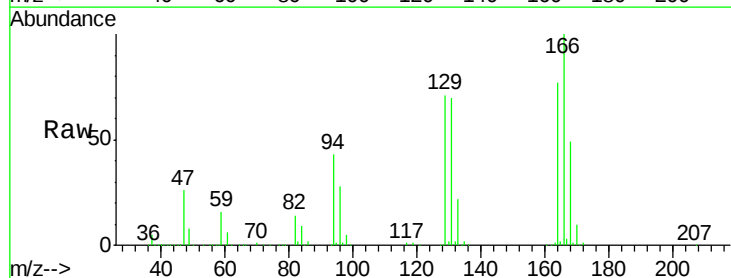
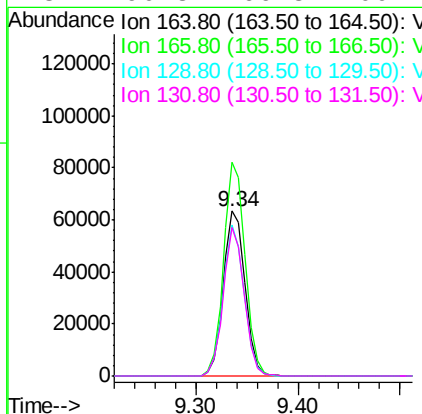
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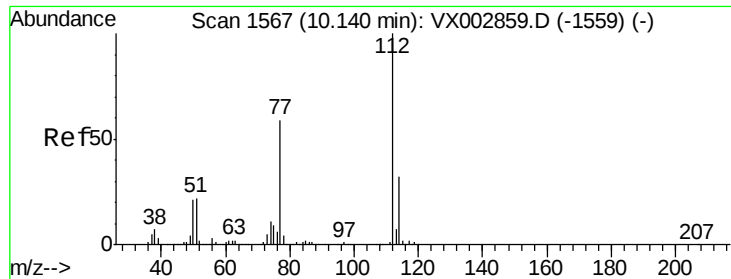
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#64
Tetrachloroethene
Concen: 23.35 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX002893.D
Acq: 26 Jun 2018 12:46

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.8	102.9	154.3
129	91.8	68.6	102.8
131	90.3	66.8	100.2





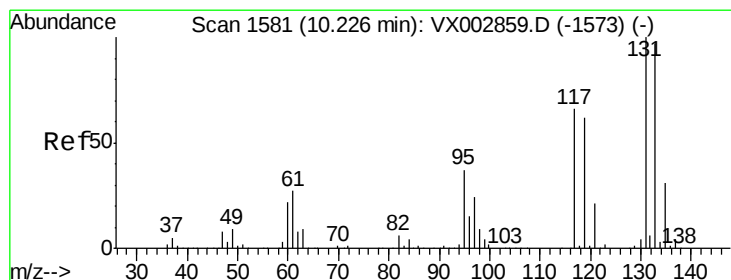
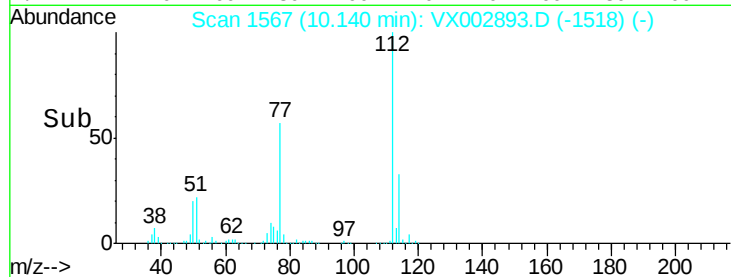
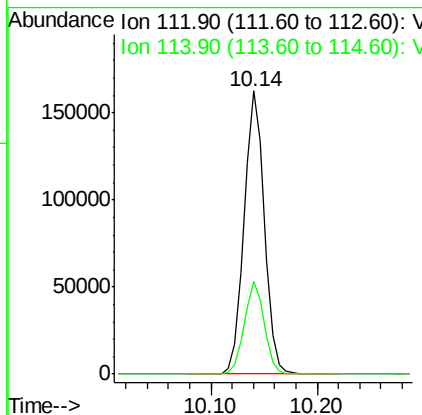
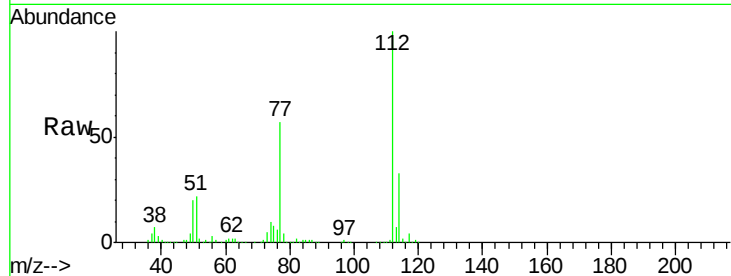
#65
Chlorobenzene
Concen: 23.81 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002893.D
Acq: 26 Jun 2018 12:46

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBS01

Tot Ion:112 Resp: 217488
Ion Ratio Lower Upper
112 100
114 32.9 25.3 37.9

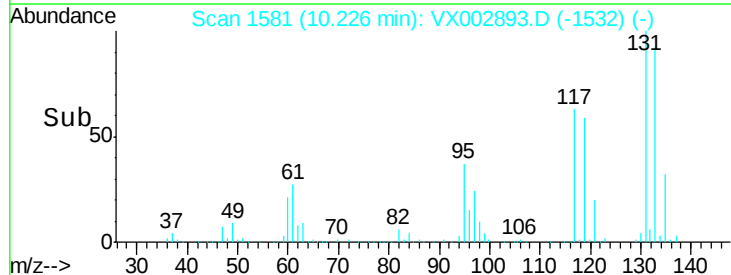
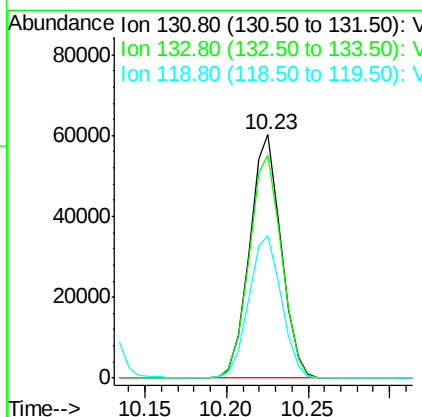
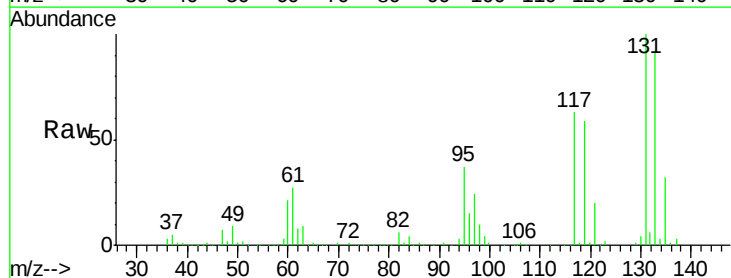
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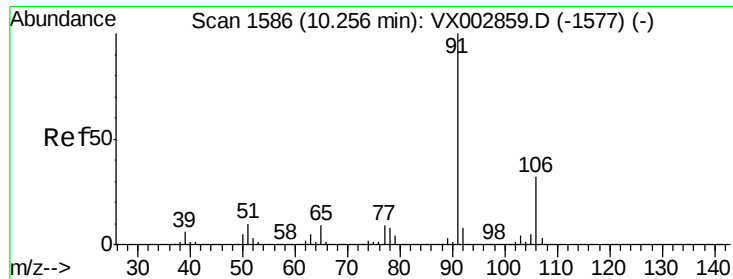
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#66
1,1,1,2-Tetrachloroethane
Concen: 24.37 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX002893.D
Acq: 26 Jun 2018 12:46

Tgt Ion:131 Resp: 80867
Ion Ratio Lower Upper
131 100
133 94.7 47.9 143.6
119 60.7 31.8 95.3





#67

Ethyl Benzene

Concen: 24.65 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002893.D

Acq: 26 Jun 2018 12:46

Instrument :

MSVOA_X

ClientSampleId :

VX0626WBS01

Tot Ion: 91 Resp: 371936

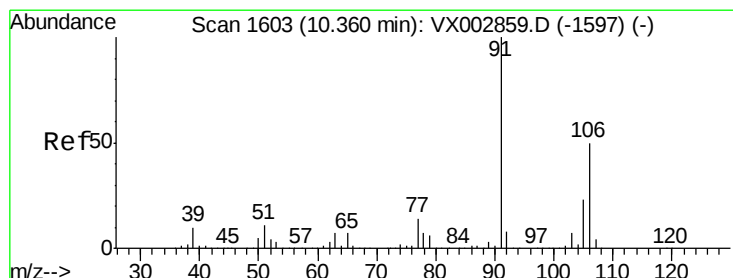
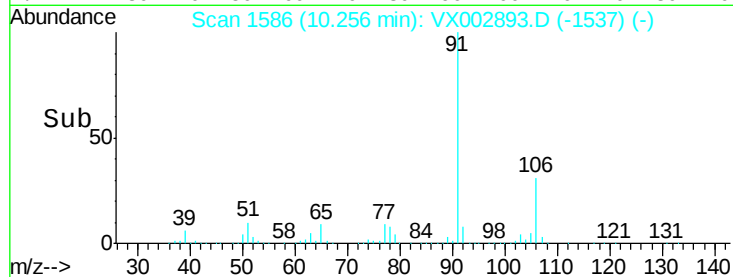
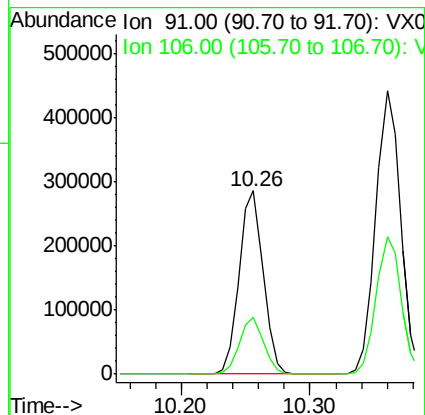
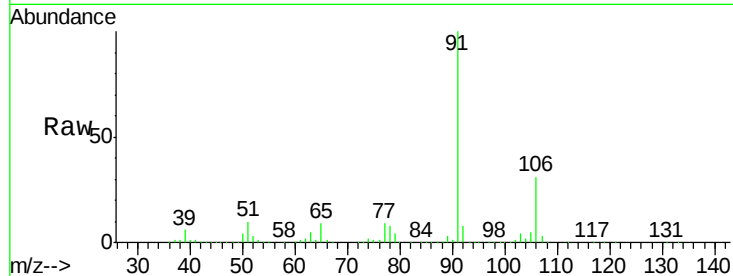
Ion Ratio Lower Upper

91 100

106 31.0 25.5 38.3

Manual Integrations
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#68

m/p-Xylenes

Concen: 49.12 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.00 min

Lab File: VX002893.D

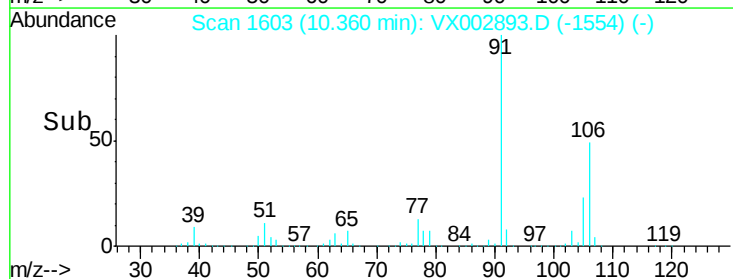
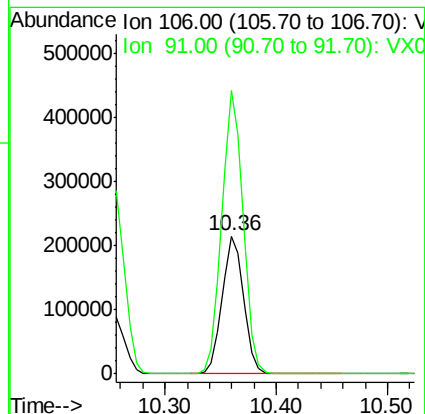
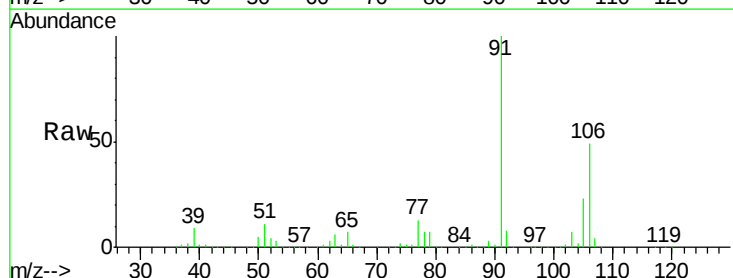
Acq: 26 Jun 2018 12:46

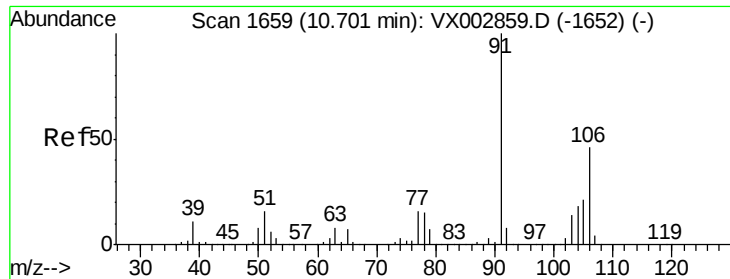
Tgt Ion: 106 Resp: 285621

Ion Ratio Lower Upper

106 100

91 204.9 163.4 245.2





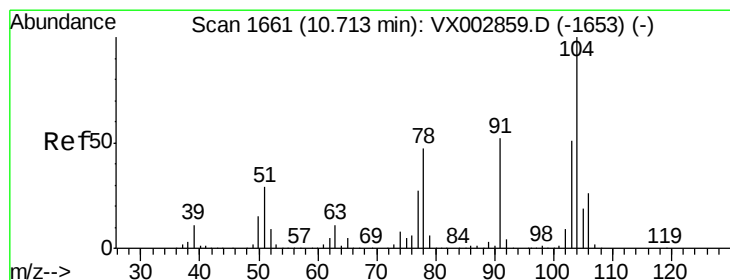
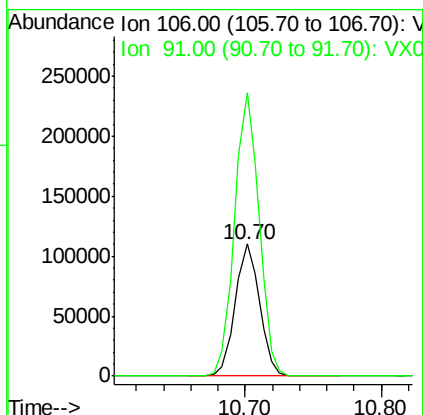
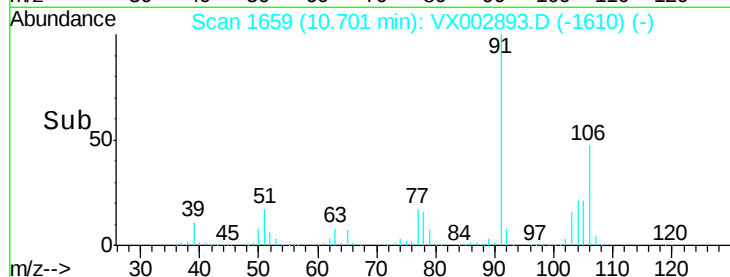
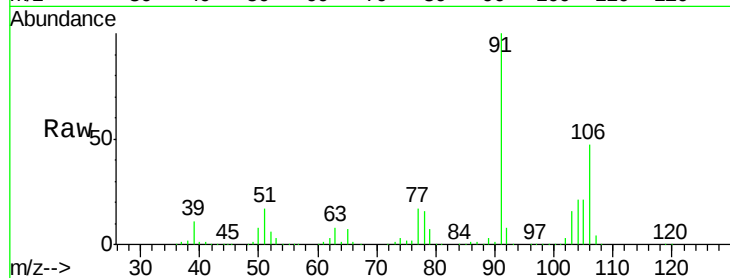
#69
o-Xylene
Concen: 24.35 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002893.D
Acq: 26 Jun 2018 12:46

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBS01

Tot Ion:106 Resp: 137854
Ion Ratio Lower Upper
106 100
91 215.2 108.2 324.6

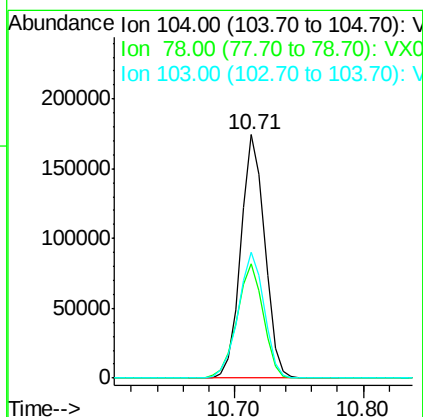
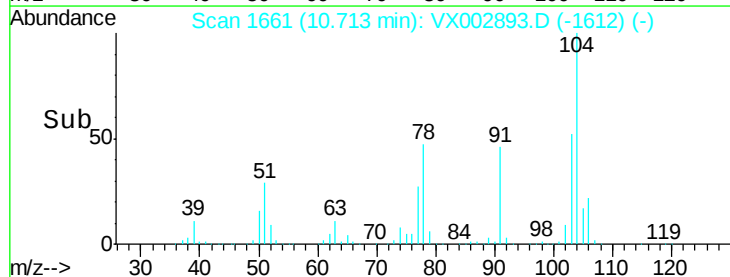
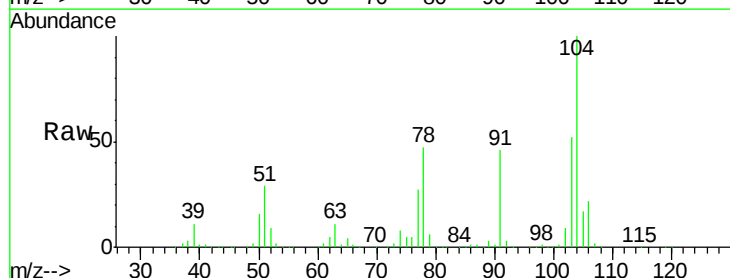
Manual Integrations
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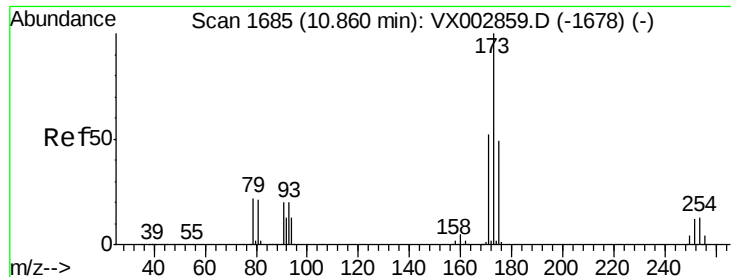
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#70
Styrene
Concen: 24.39 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002893.D
Acq: 26 Jun 2018 12:46

Tgt Ion:104 Resp: 224376
Ion Ratio Lower Upper
104 100
78 51.7 41.0 61.6
103 56.1 44.2 66.4





#71

Bromoform

Concen: 23.42 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002893.D

Acq: 26 Jun 2018 12:46

Instrument :

MSVOA_X

ClientSampleId :

VX0626WBS01

Tot Ion:173 Resp: 63463

Ion Ratio Lower Upper

173 100

175 48.1 24.7 74.1

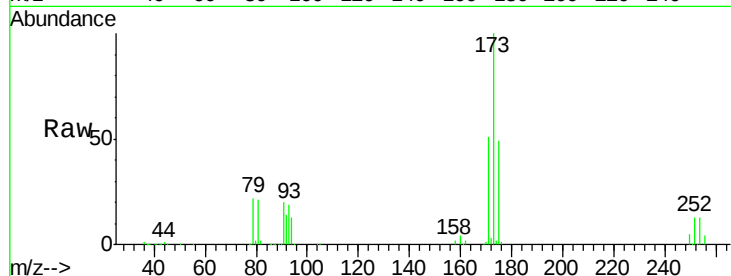
254 0.1 0.2 0.2#

Manual Integrations

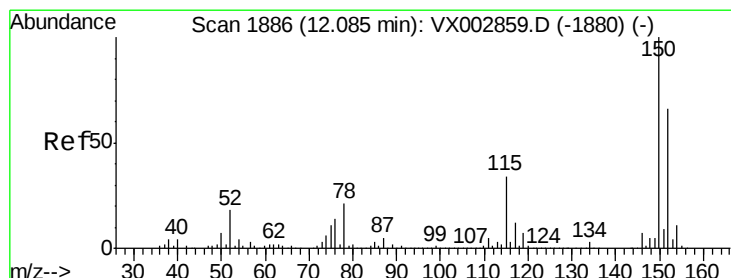
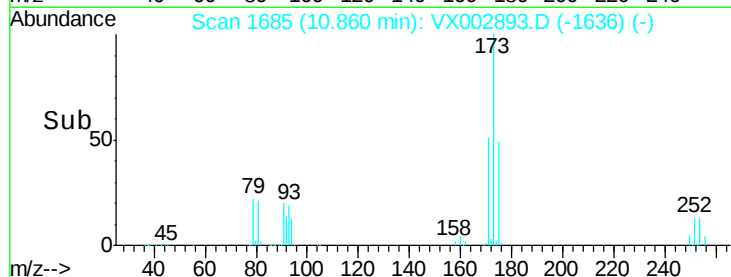
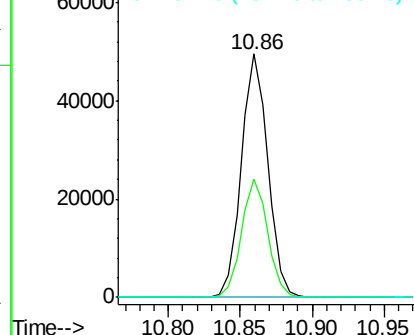
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX002893.D

Acq: 26 Jun 2018 12:46

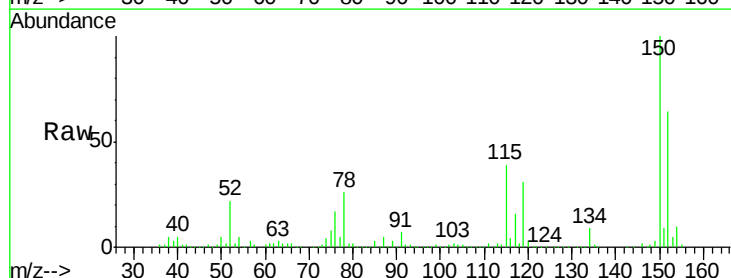
Tgt Ion:152 Resp: 231094

Ion Ratio Lower Upper

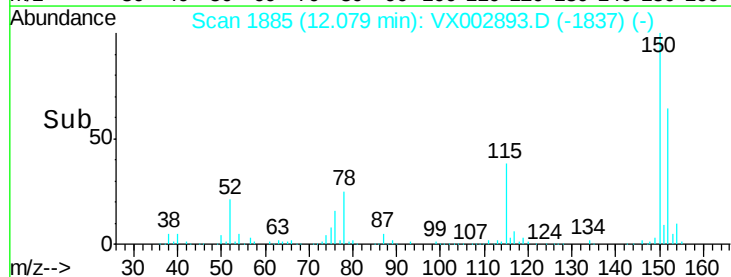
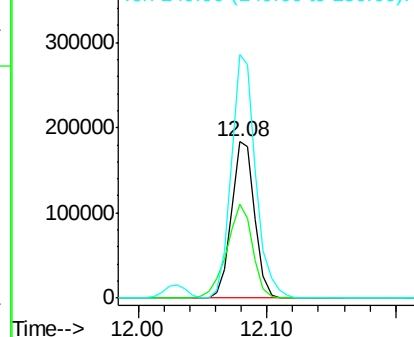
152 100

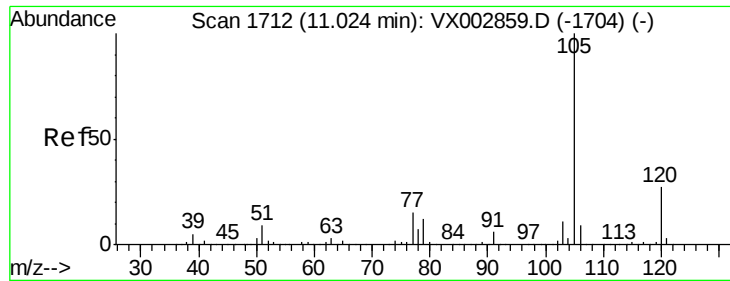
115 66.7 40.1 120.2

150 163.8 0.0 347.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 24.50 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.01 min

Lab File: VX002893.D

Acq: 26 Jun 2018 12:46

Instrument :

MSVOA_X

ClientSampleId :

VX0626WBS01

Tot Ion: 105 Resp: 380822

Ion Ratio Lower Upper

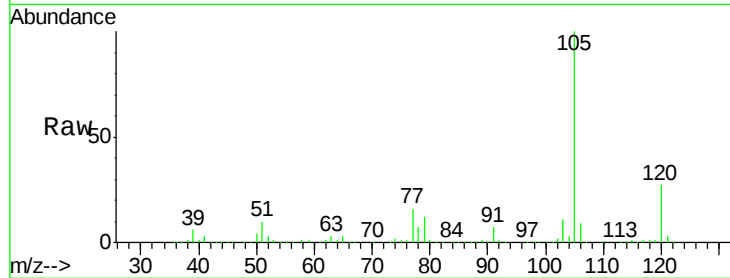
105 100

120 27.1 13.5 40.4

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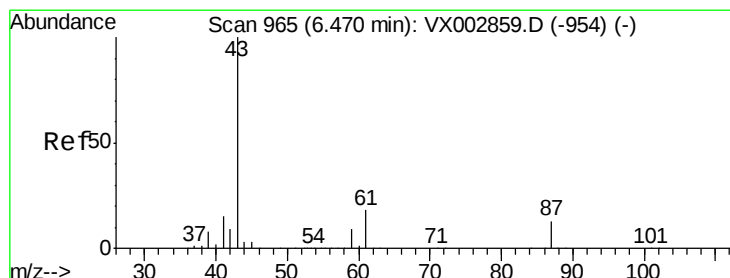
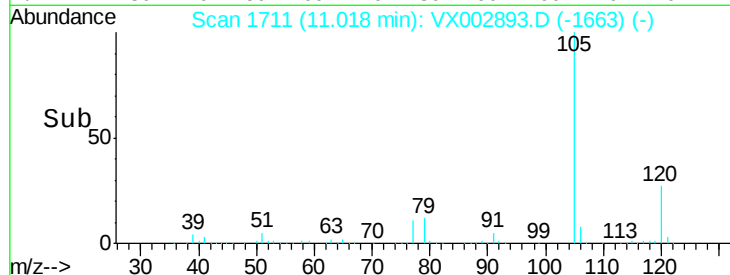
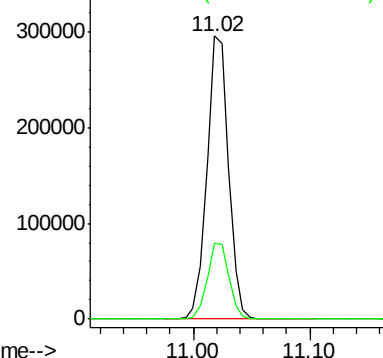
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 22.48 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX002893.D

Acq: 26 Jun 2018 12:46

Tgt Ion: 43 Resp: 170989

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

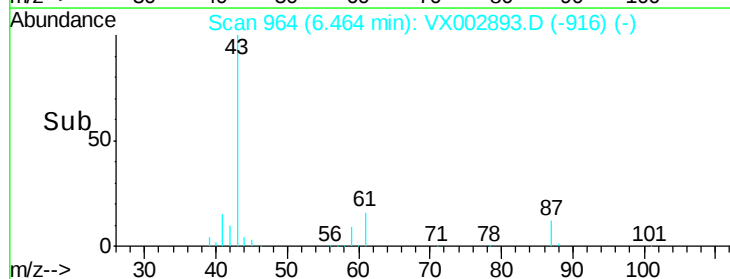
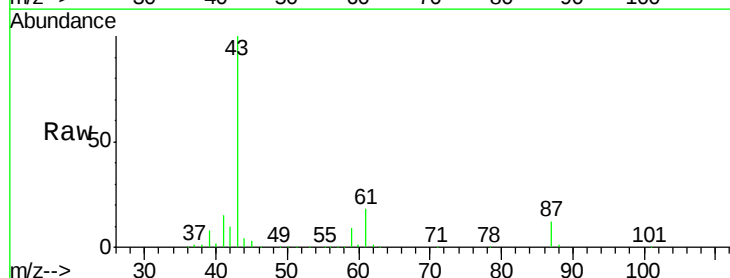
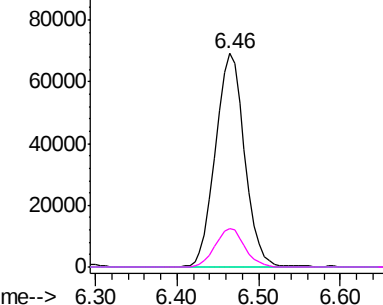
61 18.2 14.4 21.6

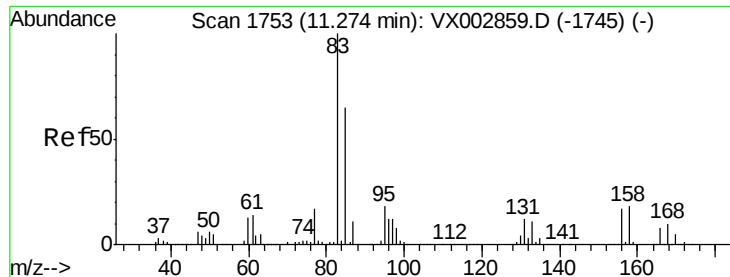
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 23.62 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.01 min

Lab File: VX002893.D

Acq: 26 Jun 2018 12:46

Instrument :

MSVOA_X

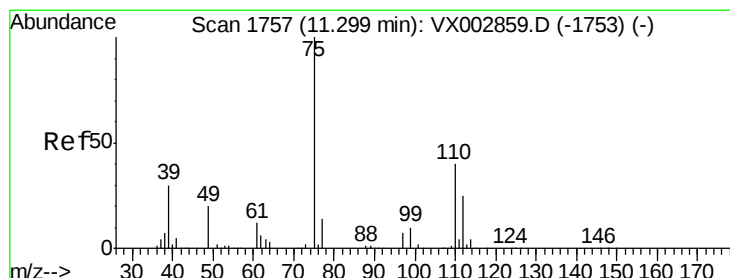
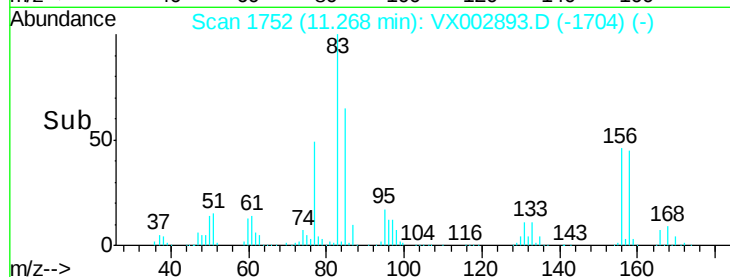
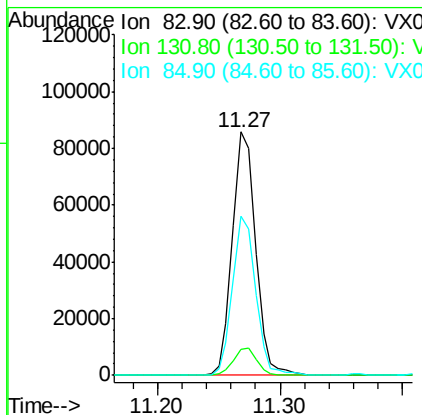
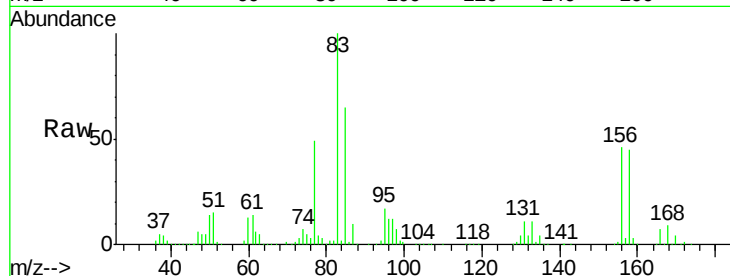
ClientSampleId :

VX0626WBS01

Tot Ion:	83	Resp:	113137
Ion Ratio	Lower	Upper	
83	100		
131	11.4	5.6	16.8
85	65.0	32.4	97.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 26.85 ug/l m

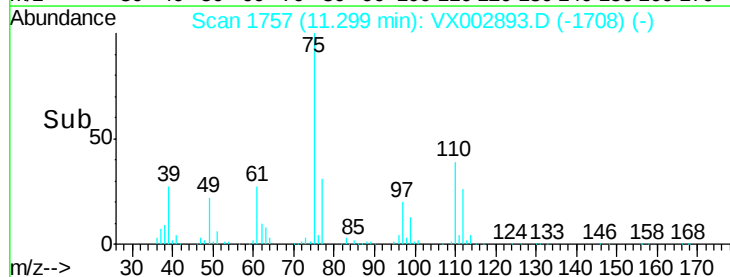
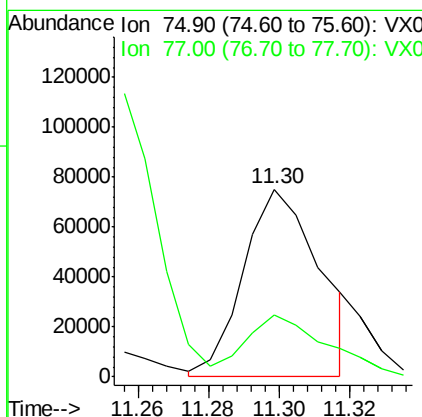
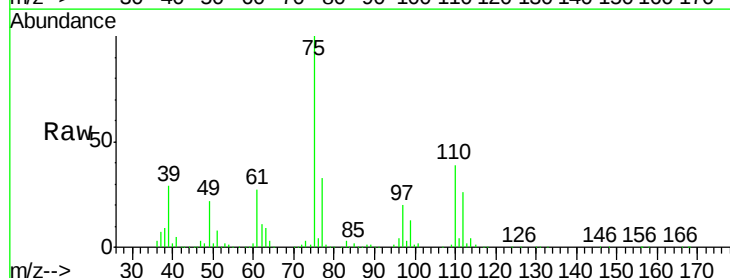
RT: 11.30 min Scan# 1757

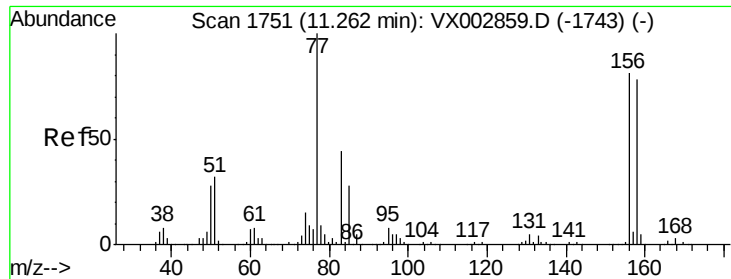
Delta R.T. -0.00 min

Lab File: VX002893.D

Acq: 26 Jun 2018 12:46

Tgt Ion:	75	Resp:	112399
Ion Ratio	Lower	Upper	
75	100		
77	35.8	22.8	68.3





#77

Bromobenzene

Concen: 23.62 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX002893.D

Acq: 26 Jun 2018 12:46

Instrument :

MSVOA_X

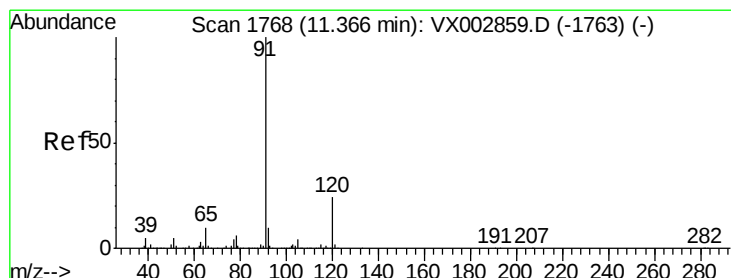
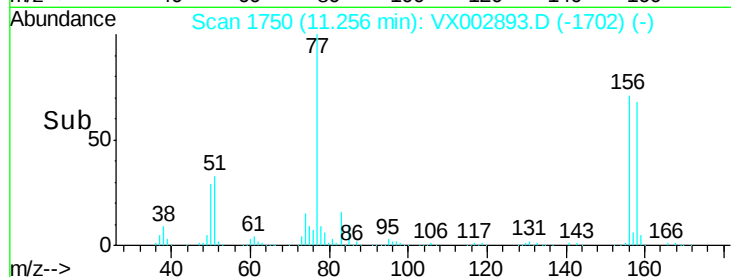
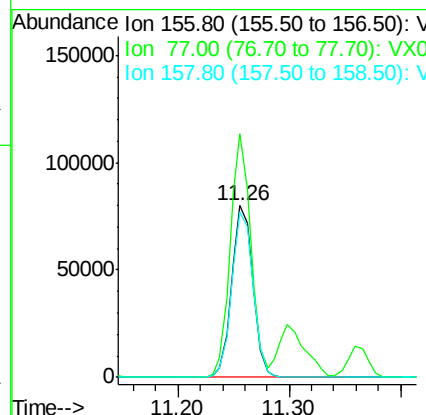
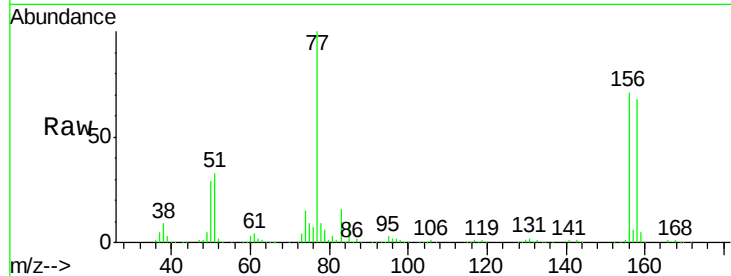
ClientSampleId :

VX0626WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	138.1	71.4	214.2
158	97.8	48.9	146.6

Manual Integrations
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#78

n-propylbenzene

Concen: 24.72 ug/l

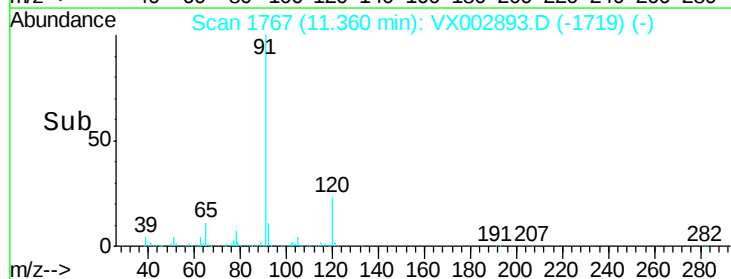
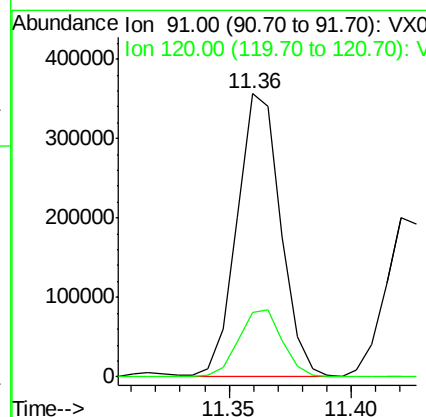
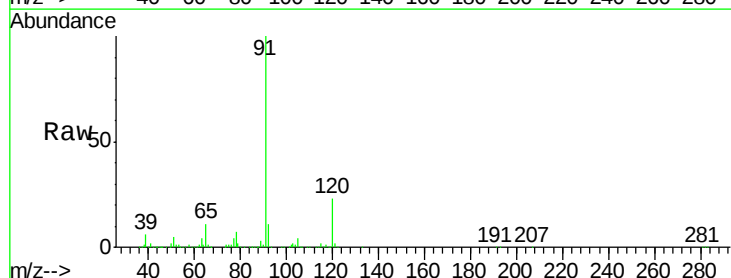
RT: 11.36 min Scan# 1767

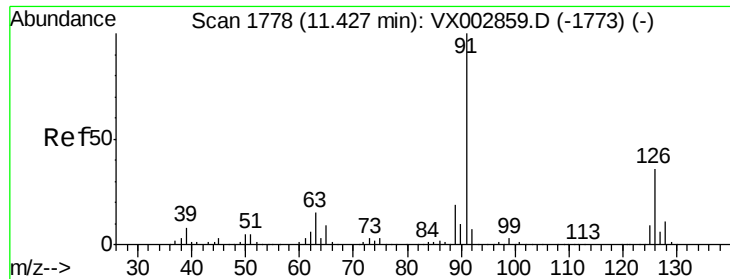
Delta R.T. -0.01 min

Lab File: VX002893.D

Acq: 26 Jun 2018 12:46

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.8	11.8	35.4





#79

2-Chlorotoluene

Concen: 24.14 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. -0.01 min

Lab File: VX002893.D

Acq: 26 Jun 2018 12:46

Instrument :

MSVOA_X

ClientSampleId :

VX0626WBS01

Tot Ion: 91 Resp: 258573

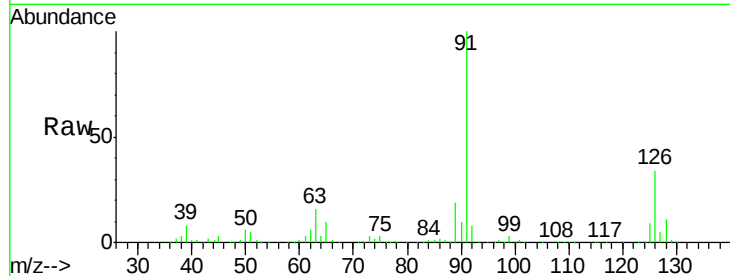
Ion Ratio Lower Upper

91 100

126 35.8 17.7 53.1

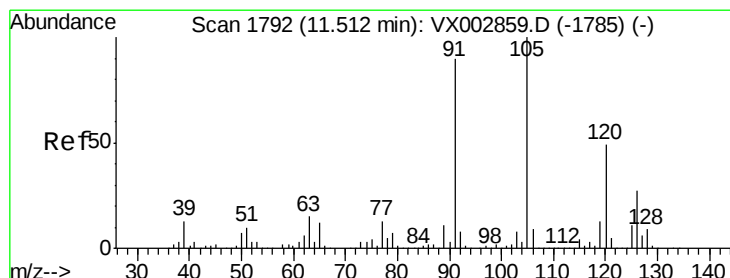
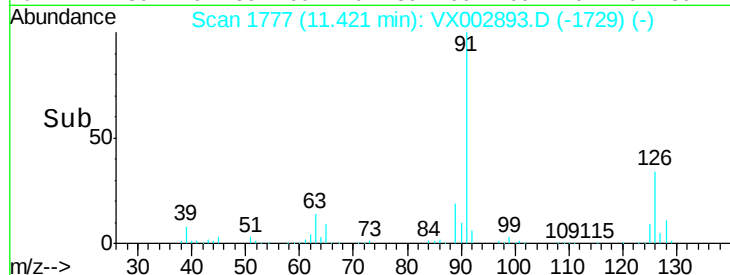
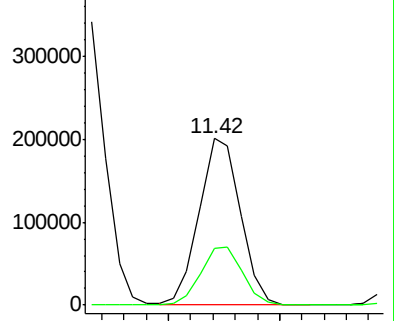
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 24.64 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002893.D

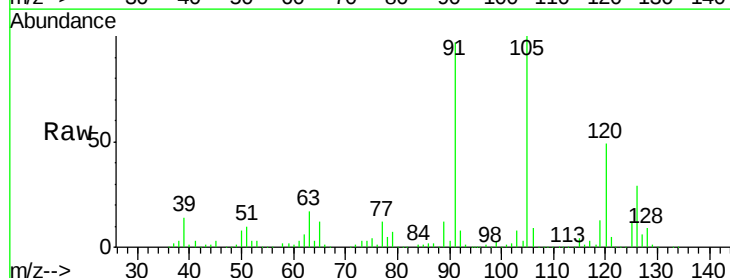
Acq: 26 Jun 2018 12:46

Tgt Ion: 105 Resp: 322572

Ion Ratio Lower Upper

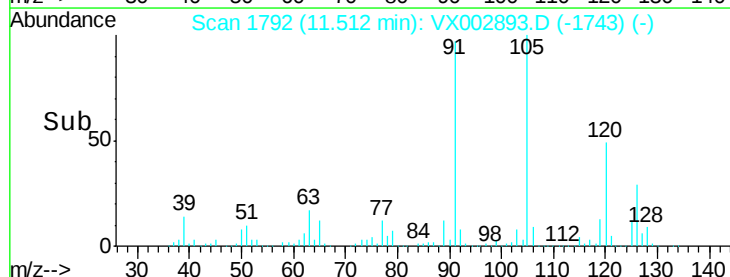
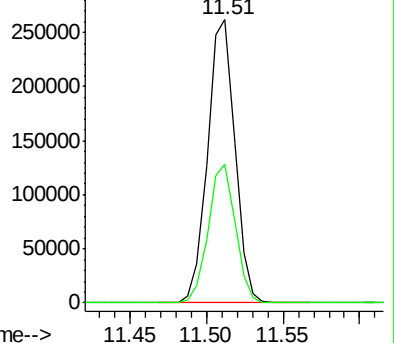
105 100

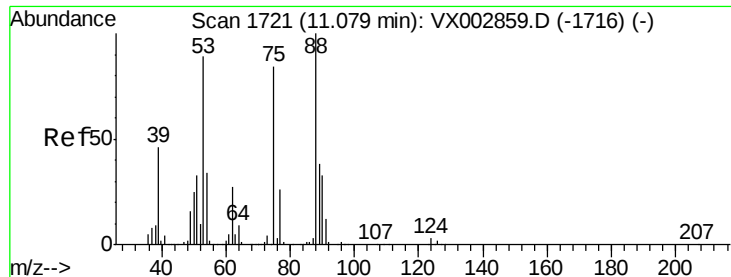
120 48.7 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 21.67 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX002893.D

Acq: 26 Jun 2018 12:46

Instrument :

MSVOA_X

ClientSampleId :

VX0626WBS01

Tot Ion: 75 Resp: 28313

Ion Ratio Lower Upper

75 100

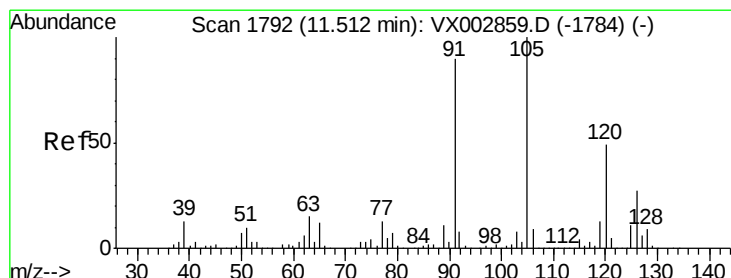
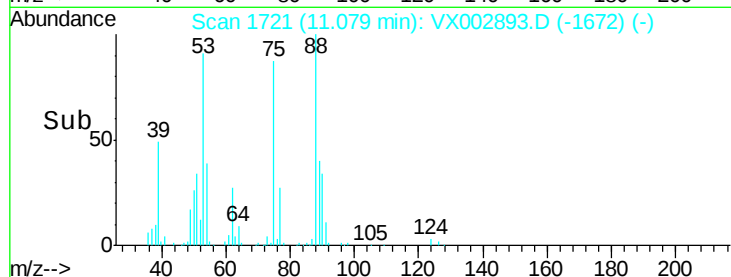
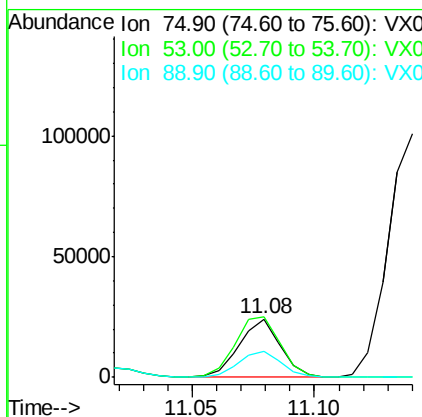
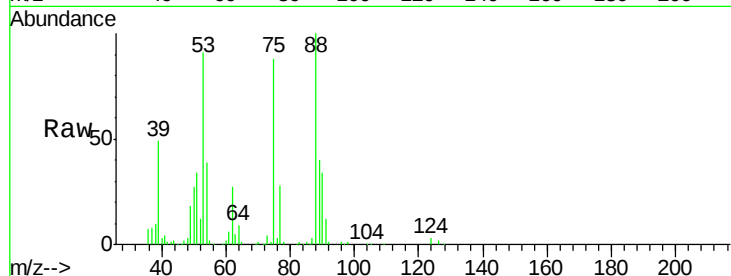
53 112.8 86.8 130.2

89 47.7 38.2 57.2

Manual Integrations
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#82

4-Chlorotoluene

Concen: 24.42 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002893.D

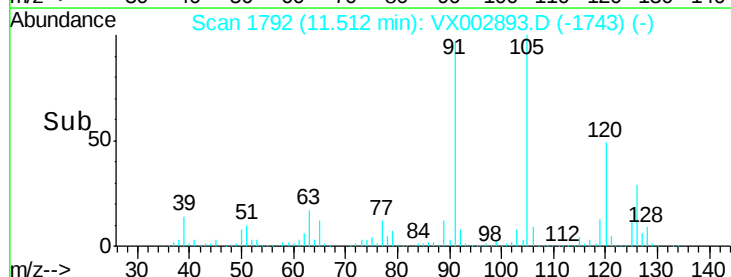
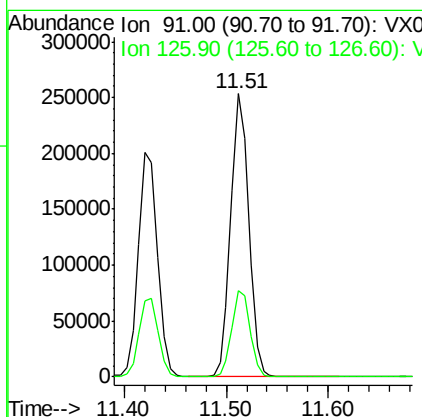
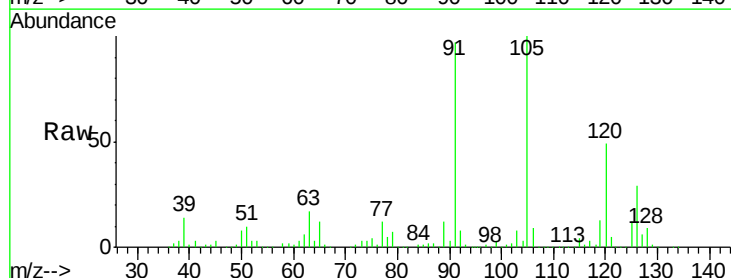
Acq: 26 Jun 2018 12:46

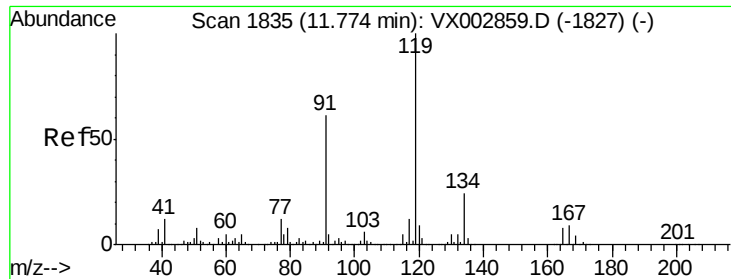
Tgt Ion: 91 Resp: 309767

Ion Ratio Lower Upper

91 100

126 30.8 15.4 46.4





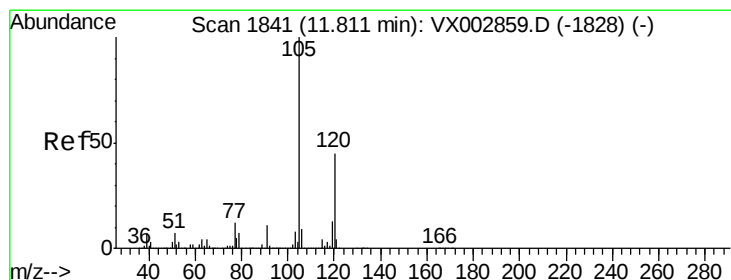
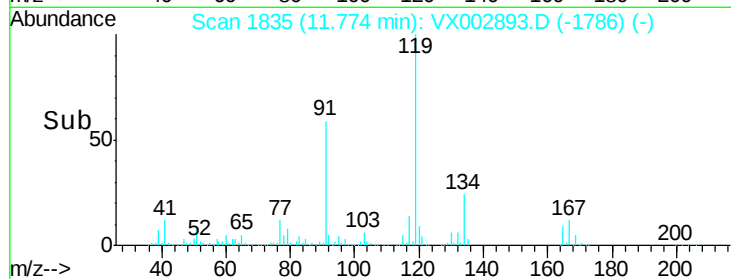
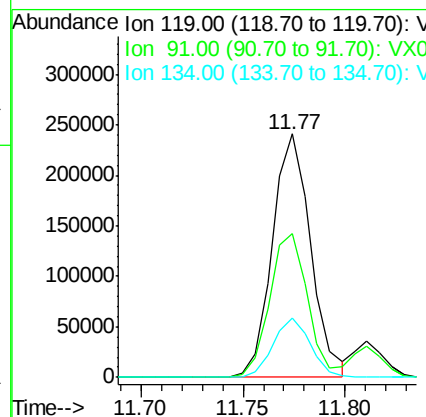
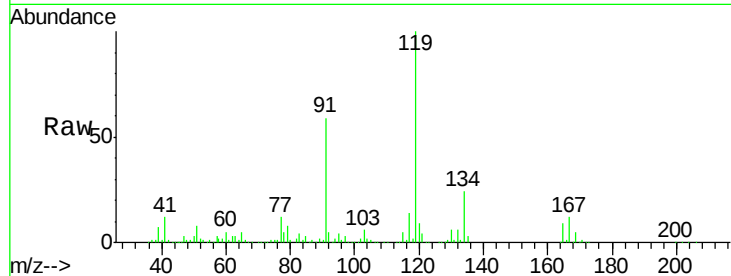
#83
tert-Butylbenzene
Concen: 24.46 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX002893.D
Acq: 26 Jun 2018 12:46

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	315653		
91	57.7	30.3	90.9	
134	23.8	11.7	35.1	

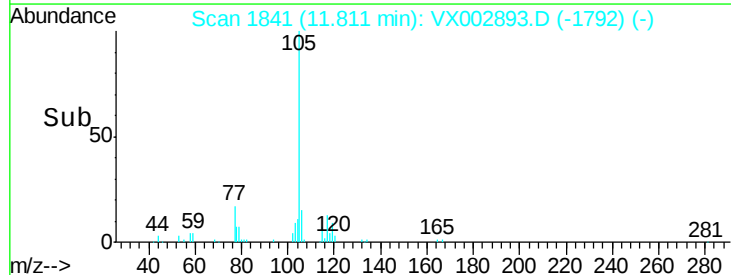
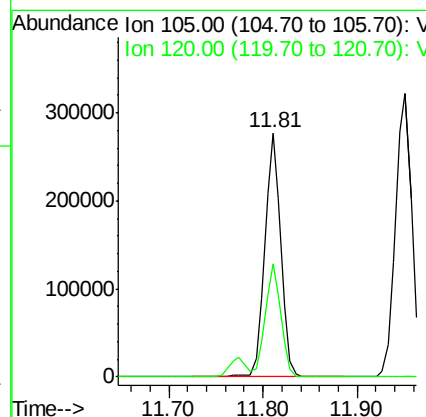
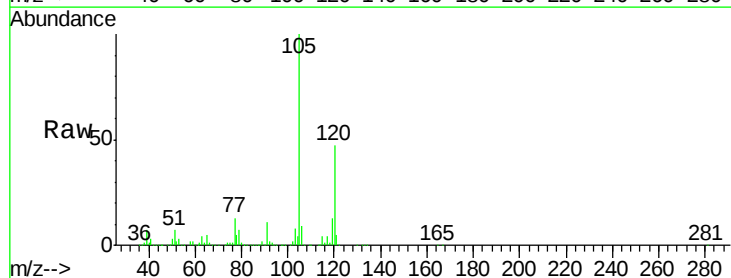
Manual Integrations
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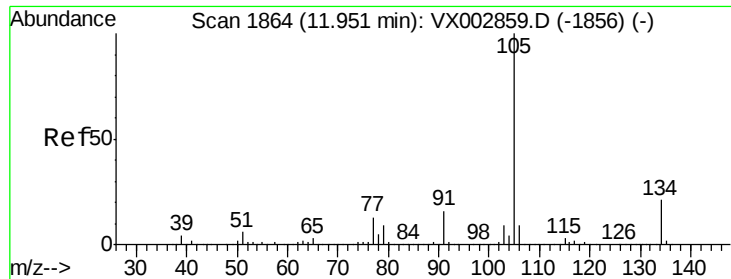
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#84
1,2,4-Trimethylbenzene
Concen: 24.58 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX002893.D
Acq: 26 Jun 2018 12:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	333501		
120	45.6	22.3	66.8	





#85

sec-Butylbenzene

Concen: 24.79 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002893.D

Acq: 26 Jun 2018 12:46

Instrument :

MSVOA_X

ClientSampleId :

VX0626WBS01

Tot Ion:105 Resp: 388104

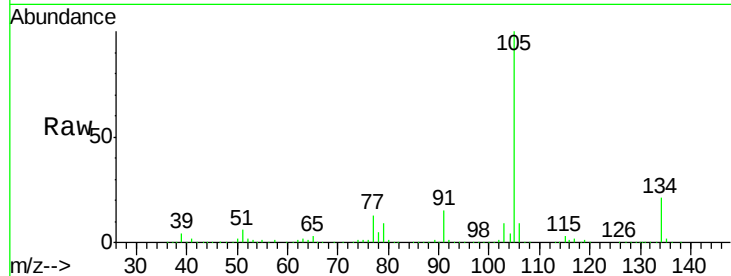
Ion Ratio Lower Upper

105 100

134 20.6 10.4 31.1

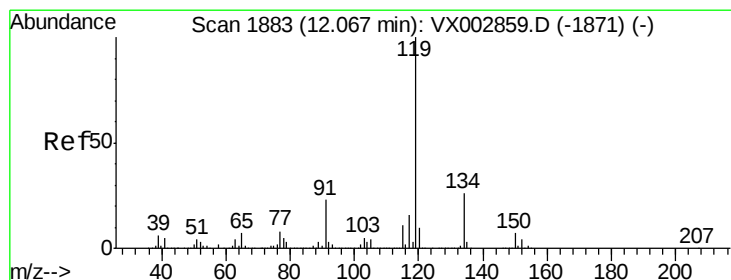
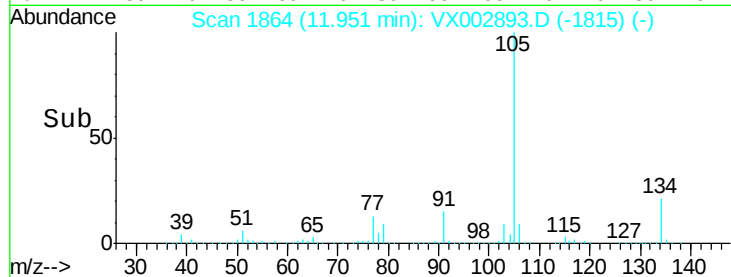
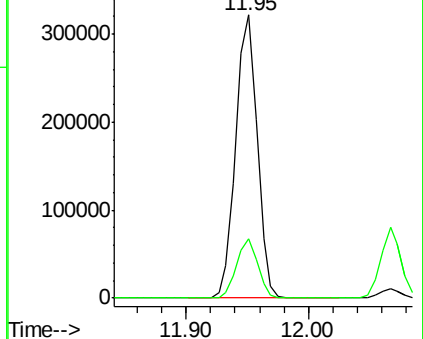
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 24.79 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002893.D

Acq: 26 Jun 2018 12:46

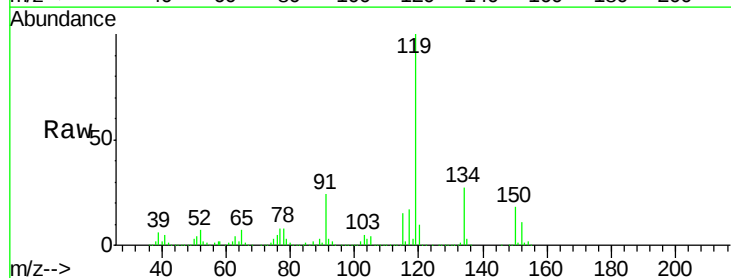
Tgt Ion:119 Resp: 348926

Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.1

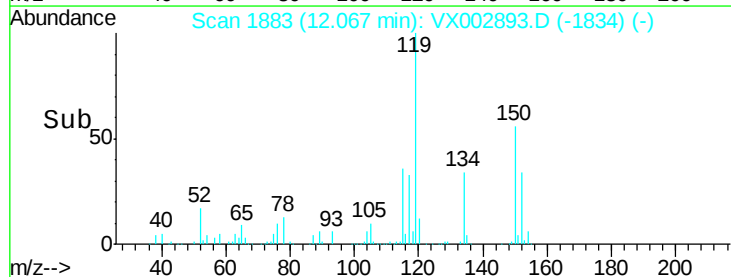
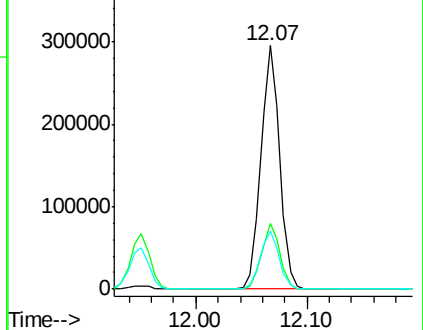
91 24.1 11.9 35.7

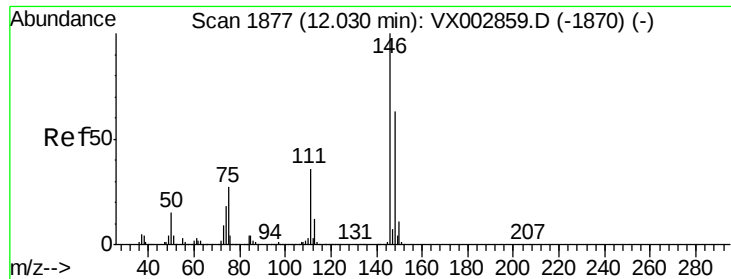


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





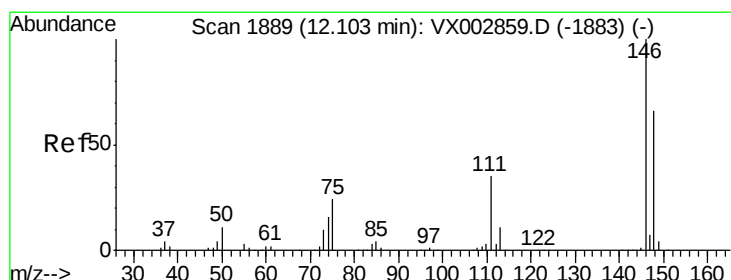
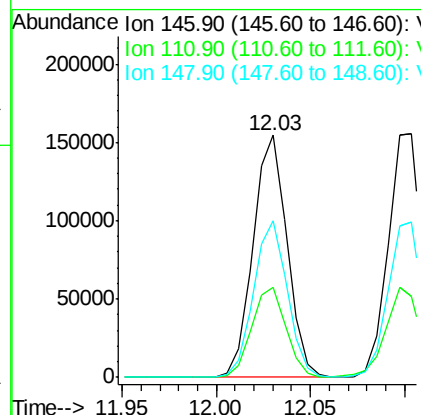
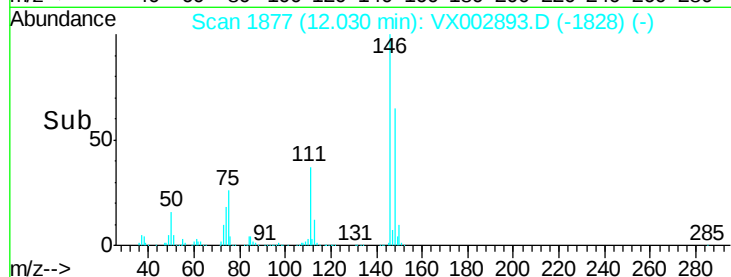
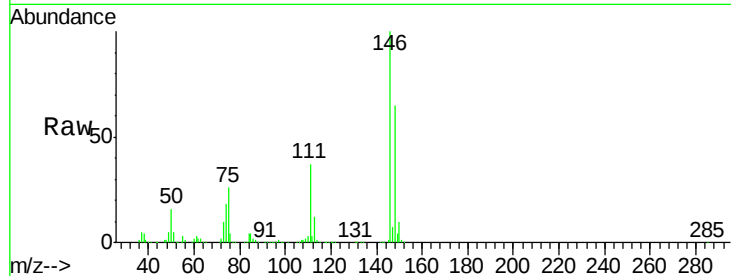
#87
 1,3-Dichlorobenzene
 Concen: 23.87 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002893.D
 Acq: 26 Jun 2018 12:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0626WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.9	56.7
148	63.9	32.1	96.3

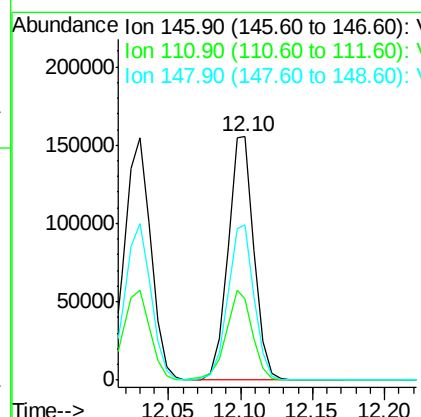
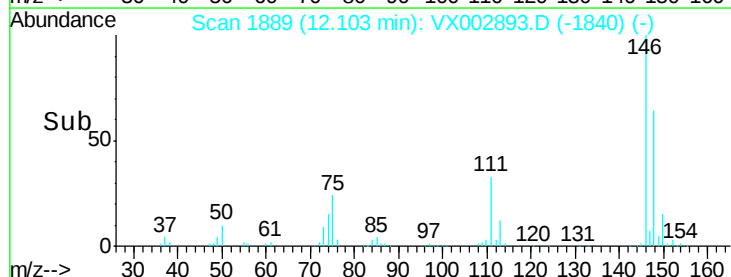
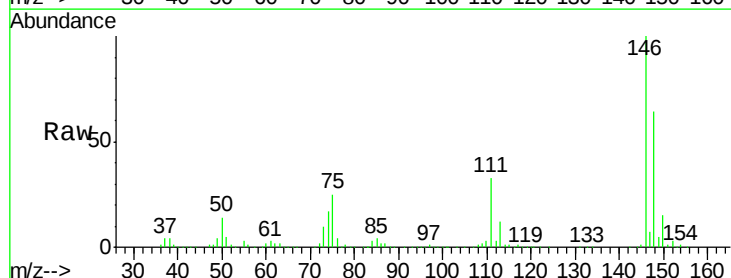
Manual Integrations
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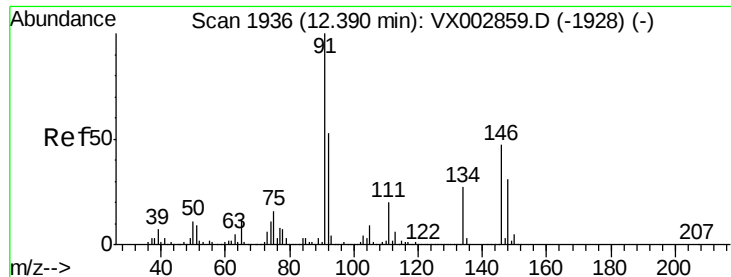
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#88
 1,4-Dichlorobenzene
 Concen: 23.74 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002893.D
 Acq: 26 Jun 2018 12:46

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.7	56.1
148	64.7	32.4	97.0





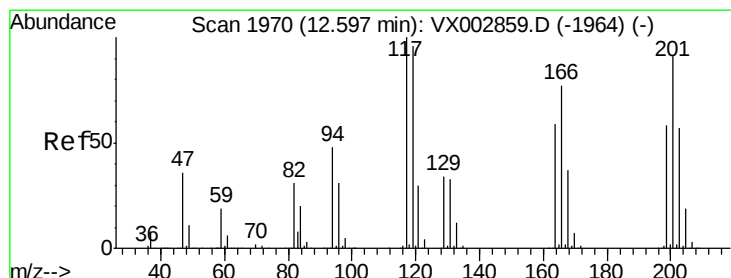
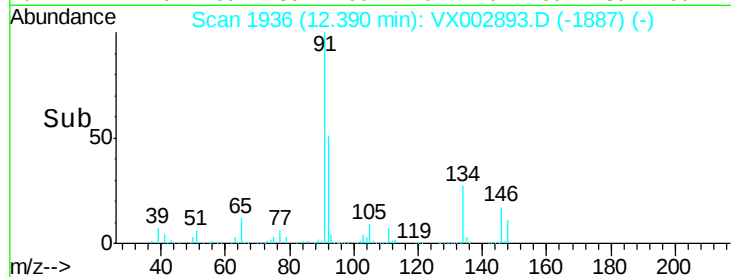
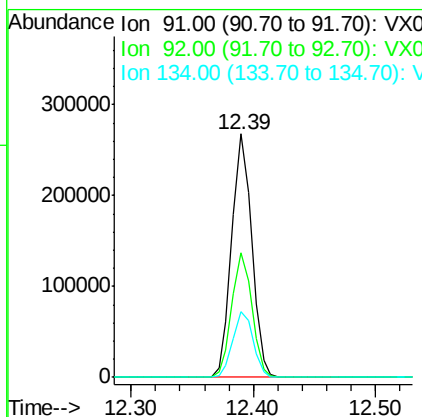
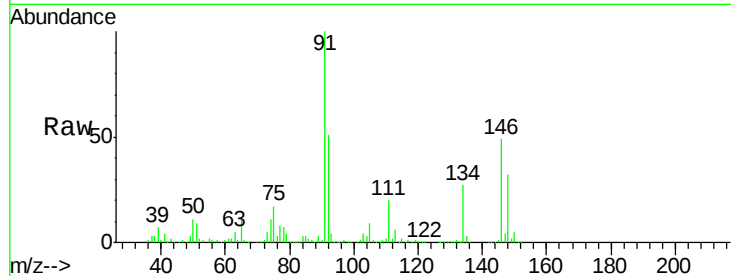
#89
n-Butylbenzene
Concen: 24.74 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002893.D
Acq: 26 Jun 2018 12:46

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	51.4	26.0	78.0	
134	27.4	13.5	40.5	

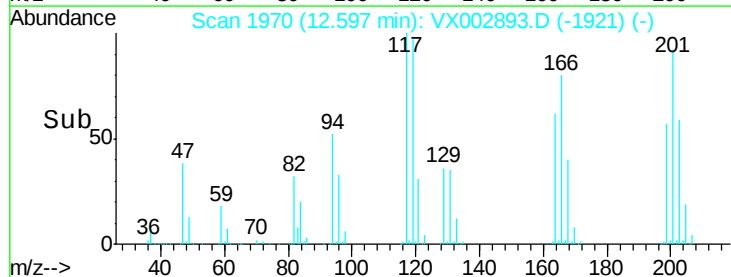
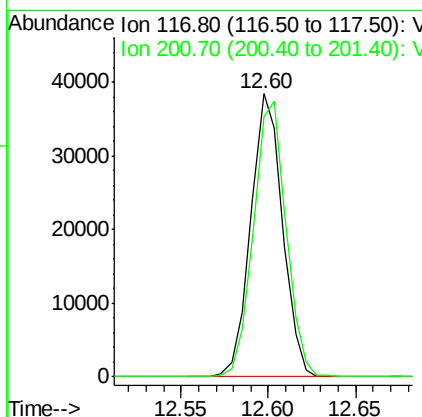
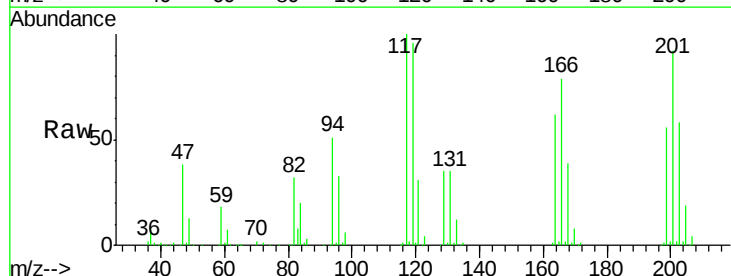
Manual Integrations
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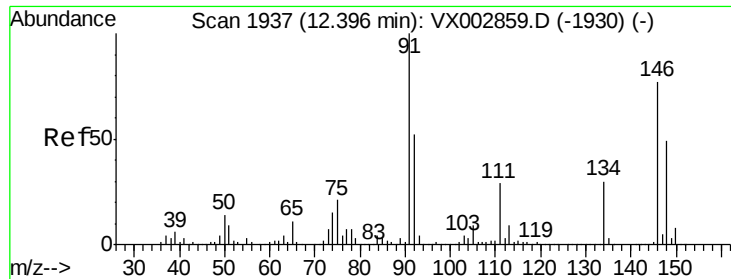
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#90
Hexachloroethane
Concen: 23.13 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX002893.D
Acq: 26 Jun 2018 12:46

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	100.1	49.0	147.0	





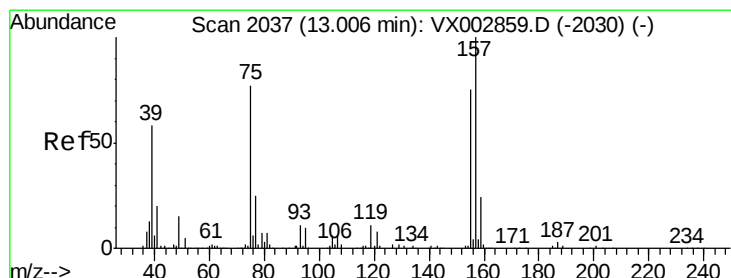
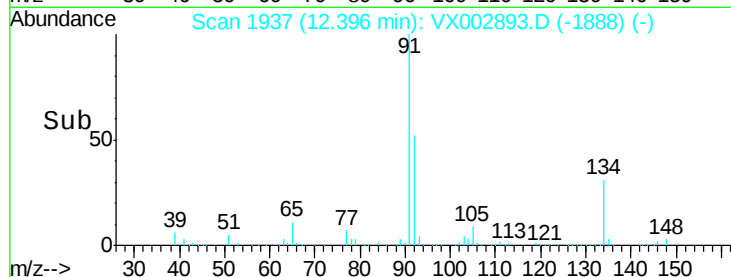
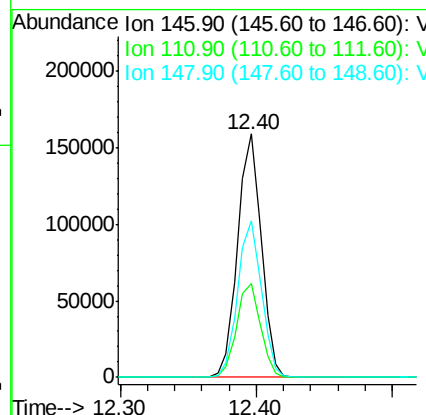
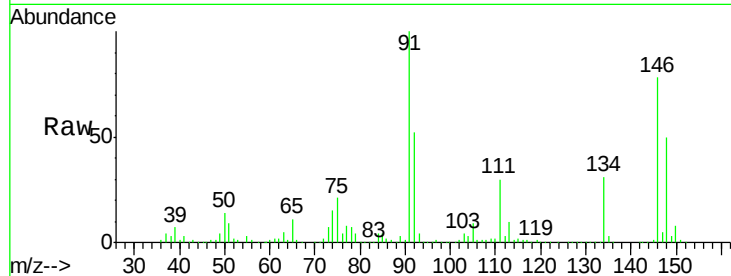
#91
 1,2-Dichlorobenzene
 Concen: 23.71 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002893.D
 Acq: 26 Jun 2018 12:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0626WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.4	58.1
148	64.5	31.7	95.1

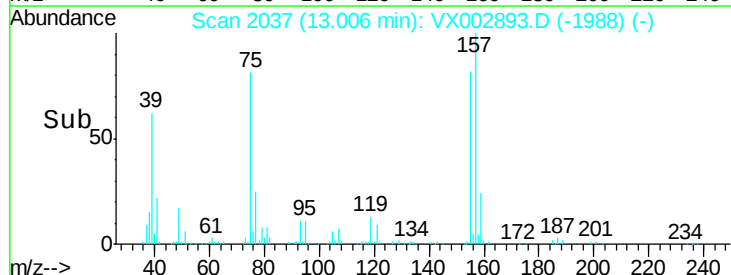
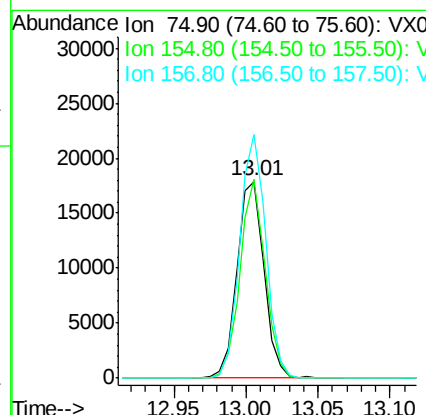
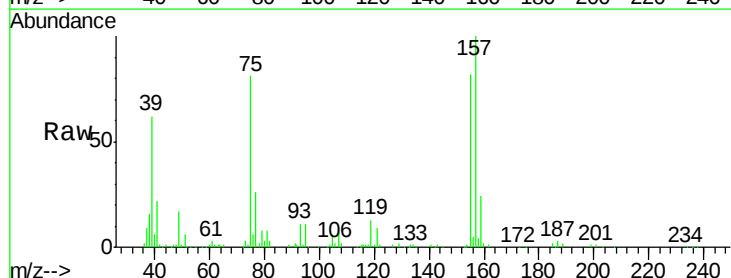
Manual Integrations
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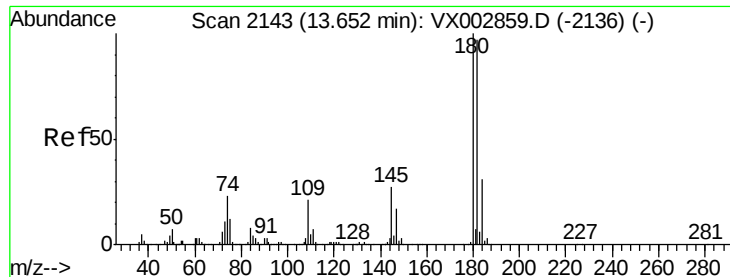
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.95 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002893.D
 Acq: 26 Jun 2018 12:46

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.3	45.8	137.4
157	118.0	60.1	180.3





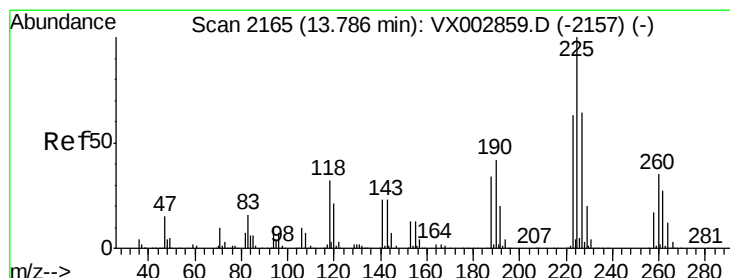
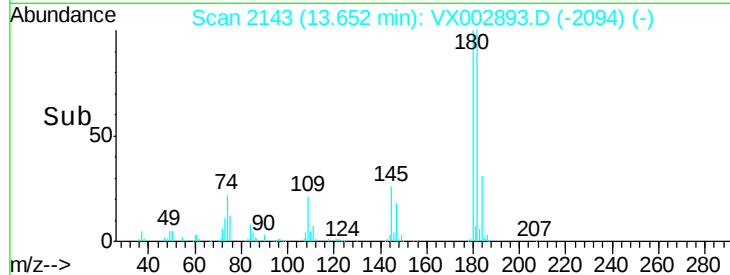
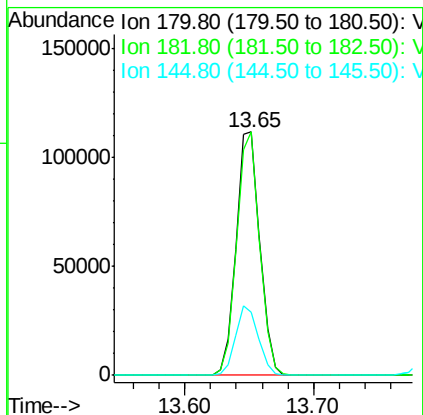
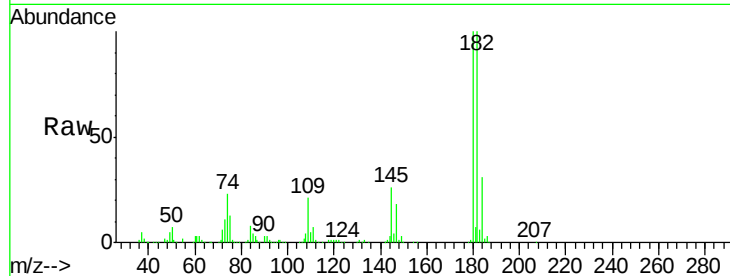
#93
 1,2,4-Trichlorobenzene
 Concen: 23.95 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002893.D
 Acq: 26 Jun 2018 12:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0626WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	142255		
182	97.2	47.7	143.1	
145	27.6	14.1	42.4	

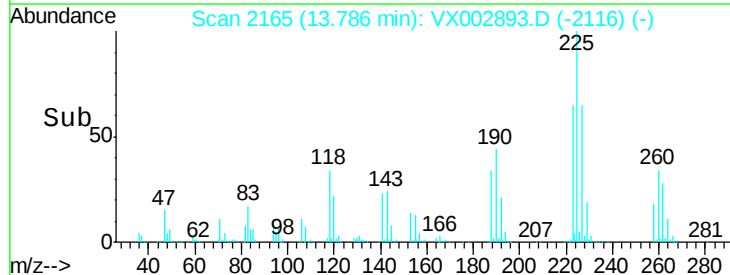
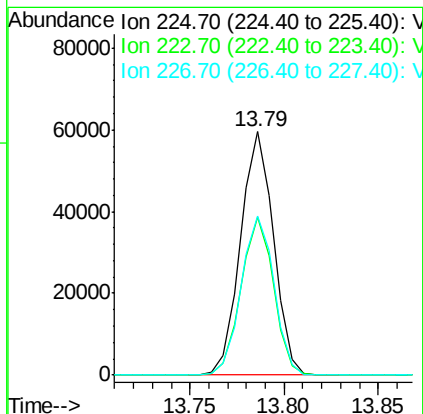
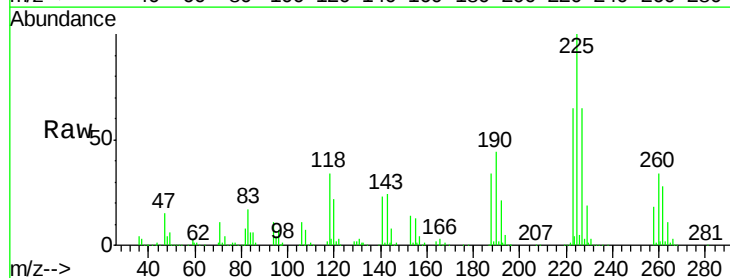
Manual Integrations
 APPROVED

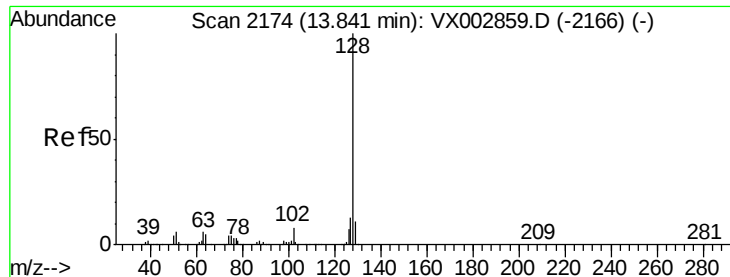
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#94
 Hexachlorobutadiene
 Concen: 24.38 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002893.D
 Acq: 26 Jun 2018 12:46

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	72227		
223	63.9	31.6	95.0	
227	65.3	32.4	97.2	





#95

Naphthalene

Concen: 24.08 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002893.D

Acq: 26 Jun 2018 12:46

Instrument :

MSVOA_X

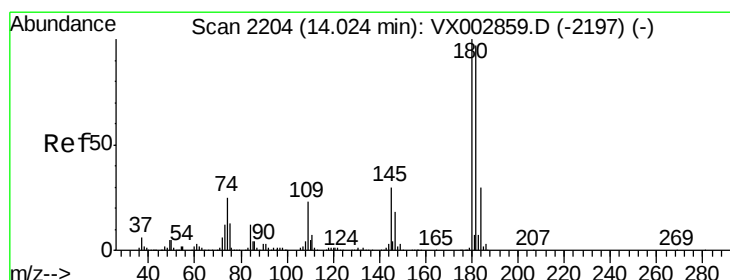
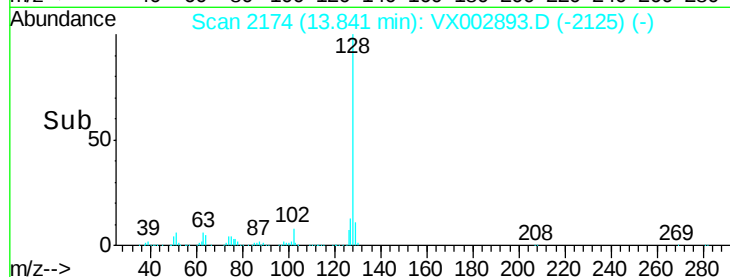
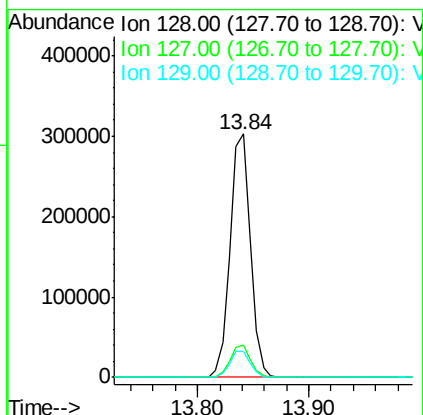
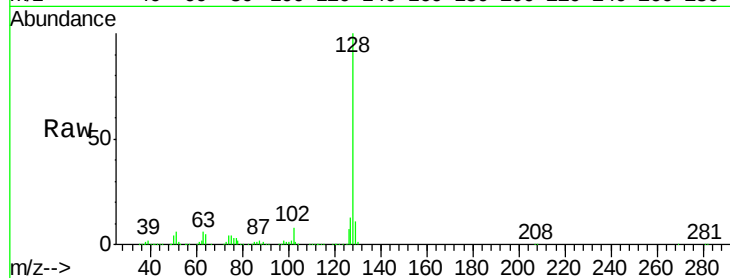
ClientSampleId :

VX0626WBS01

Tot Ion:	128	Resp:	380979
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.4	15.6
129	11.0	8.6	13.0

Manual Integrations
APPROVED

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6/28/2018 3:12:06 PM



#96

1,2,3-Trichlorobenzene

Concen: 24.34 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002893.D

Acq: 26 Jun 2018 12:46

Tgt Ion:	180	Resp:	144386
Ion Ratio	Lower	Upper	
180	100		
182	95.7	48.0	144.0
145	30.2	14.8	44.3

