

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062618\
 Data File : VX002906.D
 Acq On : 26 Jun 2018 21:04
 Operator : JC/MD
 Sample : VX0626MBSD02
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0626MBSD02

Manual Integrations
 APPROVED

MMDadoda
 6/28/2018 3:12:09 PM

Quant Time: Jun 27 04:04:44 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	258025	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	359691	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	339788	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	210536	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	183081	51.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.66%	
35) Dibromofluoromethane	5.51	113	144361	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	
50) Toluene-d8	8.72	98	521456	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	
62) 4-Bromofluorobenzene	11.14	95	196130	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	43229	18.58	ug/l	97
3) Chloromethane	1.32	50	48194	19.42	ug/l	99
4) Vinyl Chloride	1.40	62	54393	18.64	ug/l	95
5) Bromomethane	1.64	94	27032	18.11	ug/l	100
6) Chloroethane	1.72	64	35872	19.67	ug/l	98
7) Trichlorofluoromethane	1.93	101	94546	19.21	ug/l	98
8) Diethyl Ether	2.19	74	35367	19.76	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	53140	18.63	ug/l	99
10) Methyl Iodide	2.51	142	46566	20.32	ug/l	100
11) Tert butyl alcohol	3.07	59	75777	106.66	ug/l	97
12) 1,1-Dichloroethene	2.37	96	47921	18.83	ug/l	95
13) Acrolein	2.29	56	49104	126.79	ug/l	99
14) Allyl chloride	2.73	41	99951	19.93	ug/l	97
15) Acrylonitrile	3.15	53	154981	102.13	ug/l	100
16) Acetone	2.45	43	145524	98.53	ug/l	100
17) Carbon Disulfide	2.57	76	123707	18.25	ug/l	98
18) Methyl Acetate	2.78	43	91635	22.19	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	184232	20.14	ug/l	98
20) Methylene Chloride	2.86	84	56833	19.77	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	52401	18.91	ug/l	95
22) Diisopropyl ether	3.87	45	192412	20.07	ug/l	93
23) Vinyl Acetate	3.83	43	795755	98.01	ug/l	99
24) 1,1-Dichloroethane	3.70	63	103018	19.77	ug/l	99
25) 2-Butanone	4.71	43	224040	102.21	ug/l	98
26) 2,2-Dichloropropane	4.58	77	69263	16.34	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	60175	19.36	ug/l	100
28) Bromochloromethane	5.02	49	50619	20.29	ug/l	95
29) Tetrahydrofuran	5.17	42	142722	101.54	ug/l	97
30) Chloroform	5.22	83	106972	20.00	ug/l	98
31) Cyclohexane	5.57	56	82648	18.48	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	93112	19.79	ug/l	99
36) 1,1-Dichloropropene	5.80	75	74106	18.79	ug/l	99
37) Ethyl Acetate	4.87	43	84379	19.87	ug/l	99
38) Carbon Tetrachloride	5.78	117	81467	18.82	ug/l	98

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 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	81779	17.80	ug/l	98
40) Benzene	6.15	78	223932	19.54	ug/l	100
41) Methacrylonitrile	5.07	41	48653	19.89	ug/l	98
42) 1,2-Dichloroethane	6.20	62	90838	19.62	ug/l	100
43) Isopropyl Acetate	6.47	43	138622	19.46	ug/l	99
44) Trichloroethene	7.21	130	65421	19.15	ug/l	96
45) 1,2-Dichloropropane	7.52	63	59131	19.45	ug/l	100
46) Dibromomethane	7.67	93	40870	19.37	ug/l	95
47) Bromodichloromethane	7.90	83	78069	20.02	ug/l	99
48) Methyl methacrylate	7.78	41	72280	19.69	ug/l	98
49) 1,4-Dioxane	7.76	88	28846	403.98	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	457358	102.63	ug/l	99
52) Toluene	8.79	92	143082	19.49	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	84956	19.23	ug/l	98
54) cis-1,3-Dichloropropene	9.04	75	78206	18.40	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	60028	19.90	ug/l	98
56) Ethyl methacrylate	9.18	69	85464	19.38	ug/l	98
57) 1,3-Dichloropropane	9.37	76	98488	19.88	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	216934	101.98	ug/l	99
59) 2-Hexanone	9.50	43	345525	102.02	ug/l	98
60) Dibromochloromethane	9.59	129	62077	19.55	ug/l	99
61) 1,2-Dibromoethane	9.68	107	62960	19.90	ug/l	100
64) Tetrachloroethene	9.34	164	72580	19.21	ug/l	97
65) Chlorobenzene	10.14	112	167900	19.45	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	62386	19.90	ug/l	98
67) Ethyl Benzene	10.26	91	277709	19.48	ug/l	99
68) m/p-Xylenes	10.36	106	213364	38.83	ug/l	99
69) o-Xylene	10.70	106	105292	19.68	ug/l	99
70) Styrene	10.71	104	169511	19.50	ug/l	99
71) Bromoform	10.86	173	46675	19.09	ug/l #	100
73) Isopropylbenzene	11.02	105	284326	20.07	ug/l	100
74) N-amyl acetate	6.47	43	138622	20.00	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	90159	20.66	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	88579m	23.23	ug/l	
77) Bromobenzene	11.26	156	79955	19.82	ug/l	99
78) n-propylbenzene	11.37	91	320964	19.91	ug/l	99
79) 2-Chlorotoluene	11.42	91	195128	19.99	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	238894	20.03	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	20492	17.90	ug/l	94
82) 4-Chlorotoluene	11.51	91	230162	19.92	ug/l	100
83) tert-Butylbenzene	11.77	119	237049	20.16	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	248383	20.10	ug/l	99
85) sec-Butylbenzene	11.95	105	284982	19.98	ug/l	100
86) p-Isopropyltoluene	12.07	119	255399	19.92	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	145883	19.80	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	146463	19.32	ug/l	99
89) n-Butylbenzene	12.39	91	212358	19.03	ug/l	99
90) Hexachloroethane	12.60	117	35336	18.53	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	146940	19.76	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	18585	18.95	ug/l	99

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Instrument :
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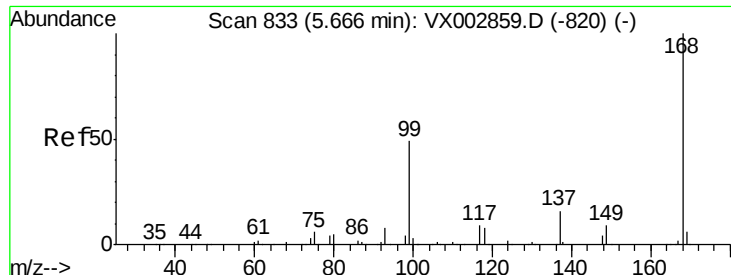
Manual Integrations
APPROVED

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6/28/2018 3:12:09 PM

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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	104495	19.31	ug/l	99
94) Hexachlorobutadiene	13.79	225	50720	18.79	ug/l	99
95) Naphthalene	13.84	128	294494	20.43	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	108175	20.01	ug/l	100

(#) = 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: VX002906.D

Acq: 26 Jun 2018 21:04

Instrument :

MSVOA_X

ClientSampleId :

VX0626MBS02

Tot Ion:168 Resp: 258025

Ion Ratio Lower Upper

168 100

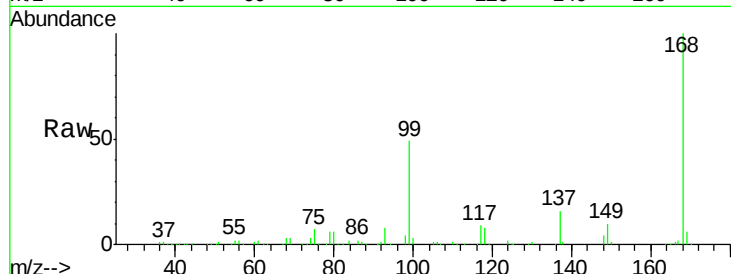
99 49.2 39.3 58.9

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

5.67

100000

80000

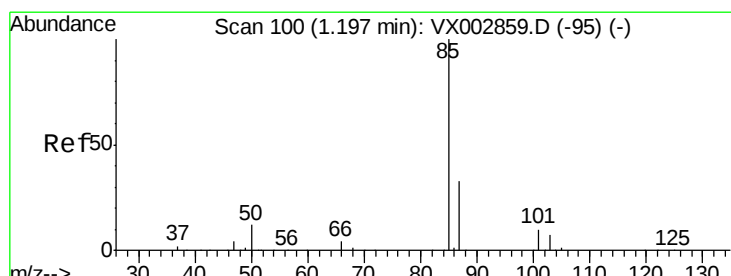
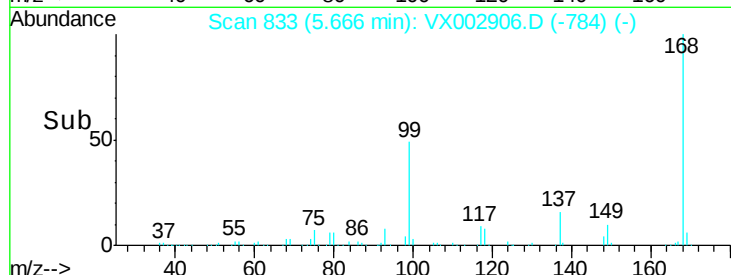
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.58 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002906.D

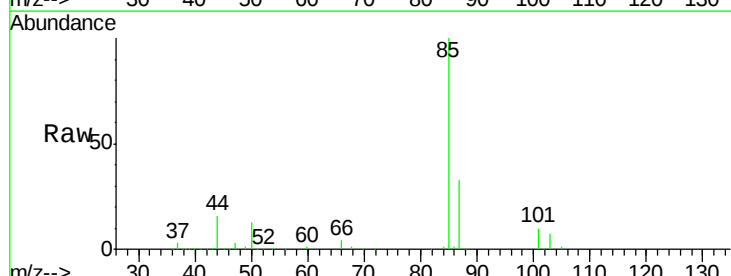
Acq: 26 Jun 2018 21:04

Tgt Ion: 85 Resp: 43229

Ion Ratio Lower Upper

85 100

87 33.5 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

50000

40000

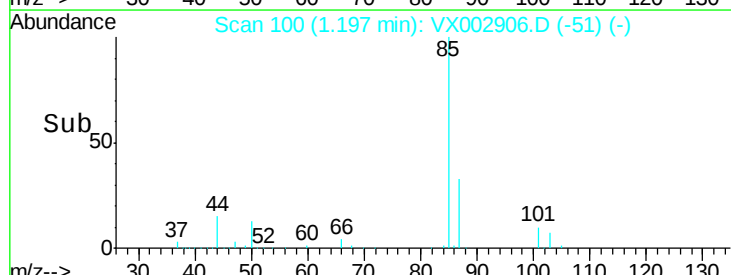
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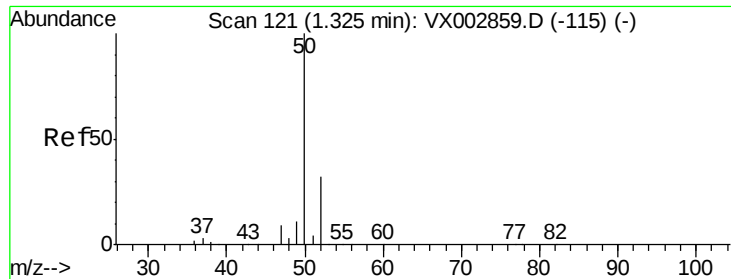
20000

10000

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Time-->





#3

Chloromethane

Concen: 19.42 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002906.D

Acq: 26 Jun 2018 21:04

Instrument :

MSVOA_X

ClientSampleId :

VX0626MBS02

Tot Ion: 50 Resp: 48194

Ion Ratio Lower Upper

50 100

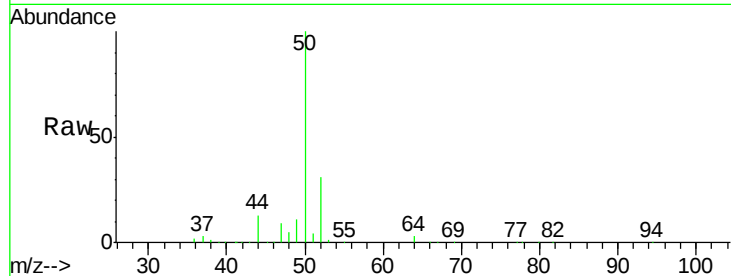
52 31.4 25.7 38.5

Manual Integrations

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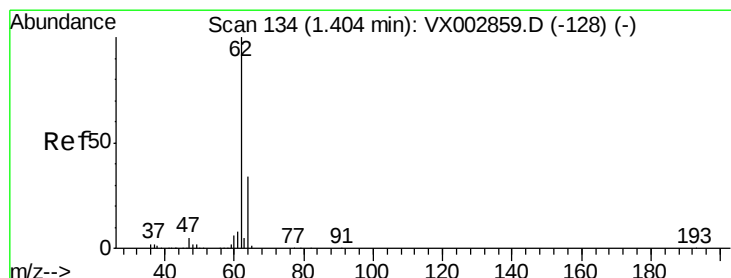
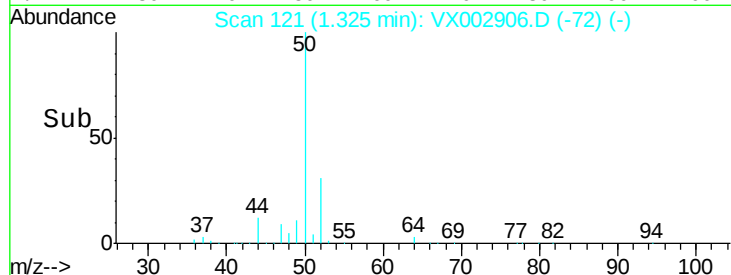
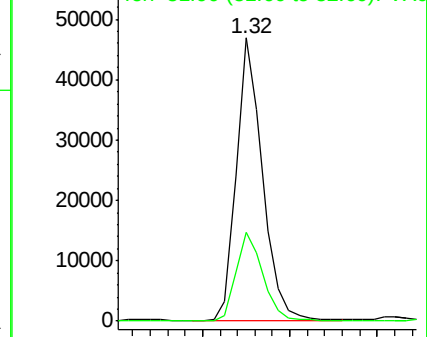
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 18.64 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX002906.D

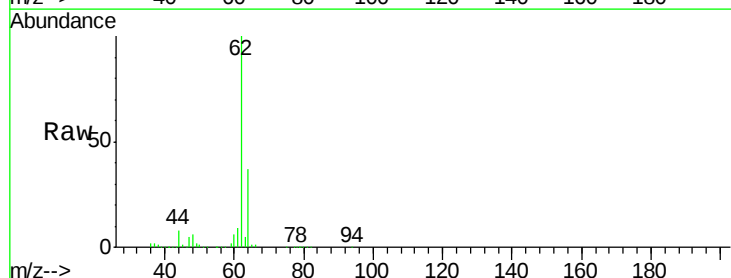
Acq: 26 Jun 2018 21:04

Tgt Ion: 62 Resp: 54393

Ion Ratio Lower Upper

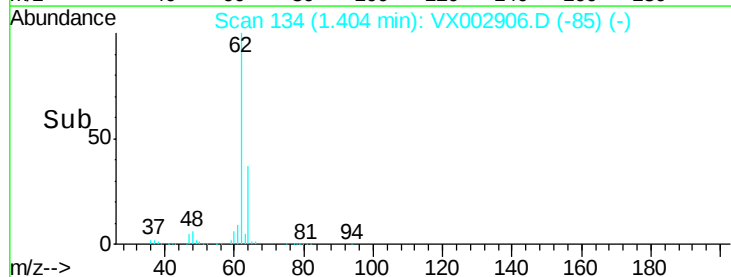
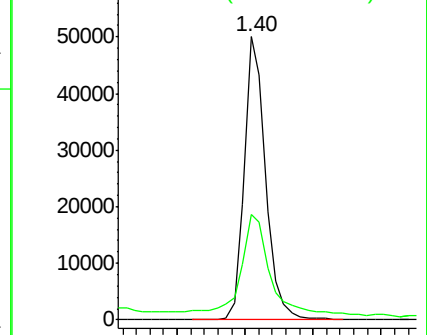
62 100

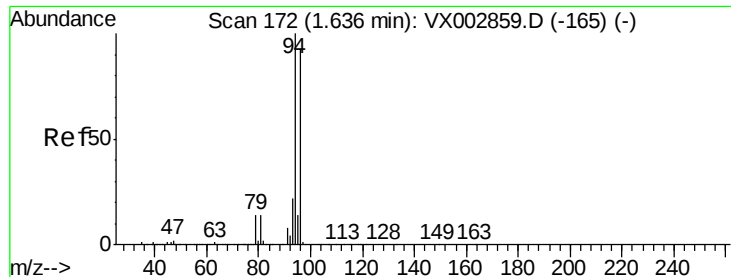
64 34.7 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 18.11 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002906.D

Acq: 26 Jun 2018 21:04

Instrument :

MSVOA_X

ClientSampleId :

VX0626MBSD02

Tot Ion: 94 Resp: 27032

Ion Ratio Lower Upper

94 100

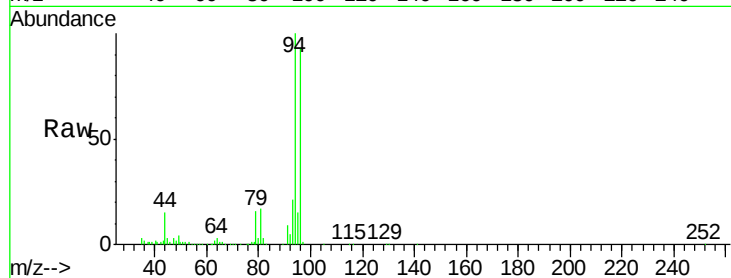
96 93.5 74.9 112.3

Manual Integrations

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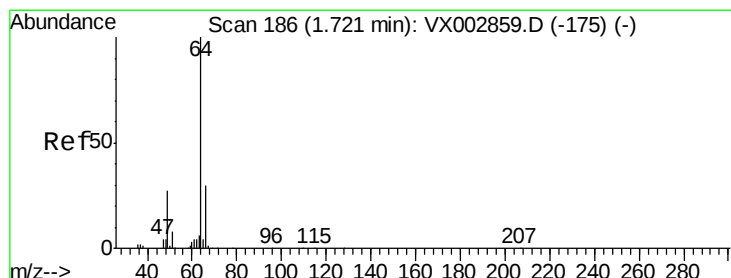
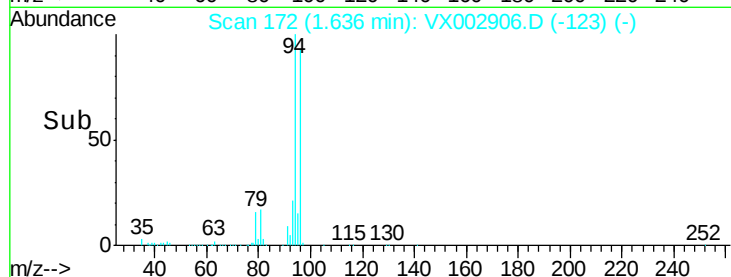
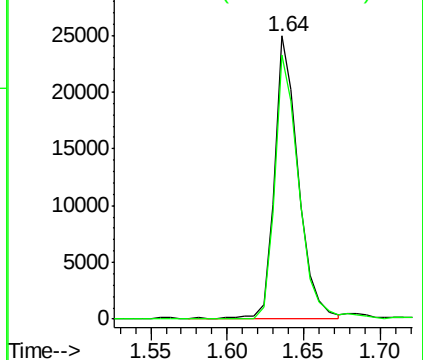
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.67 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX002906.D

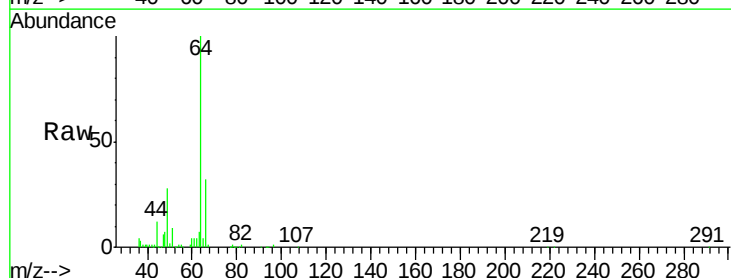
Acq: 26 Jun 2018 21:04

Tgt Ion: 64 Resp: 35872

Ion Ratio Lower Upper

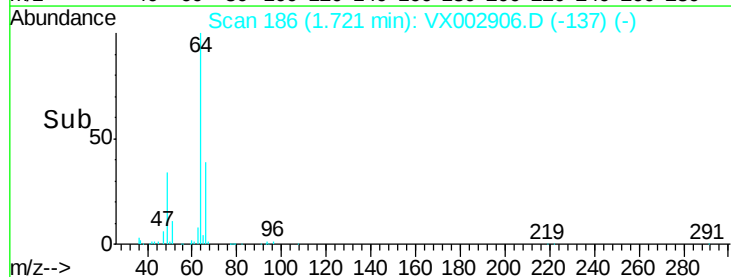
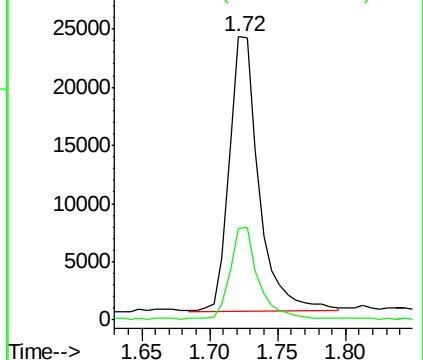
64 100

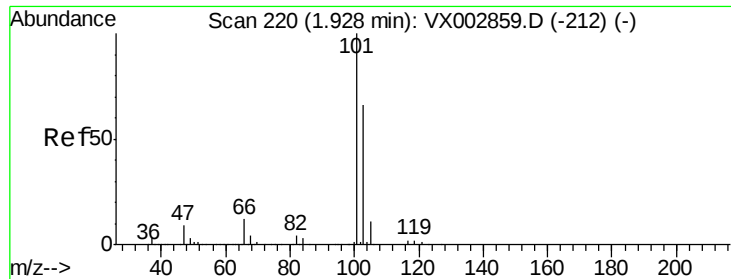
66 32.8 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

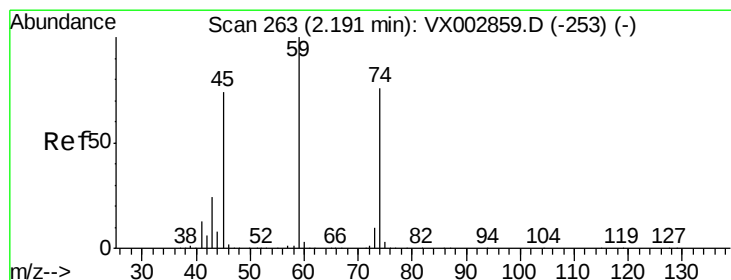
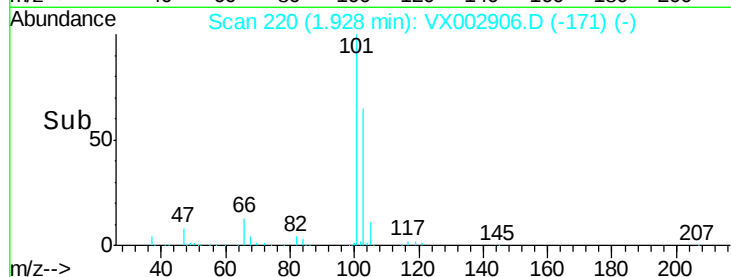
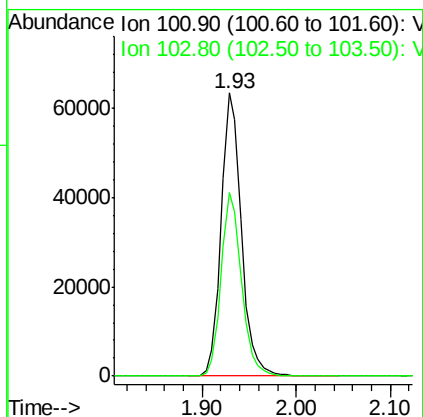
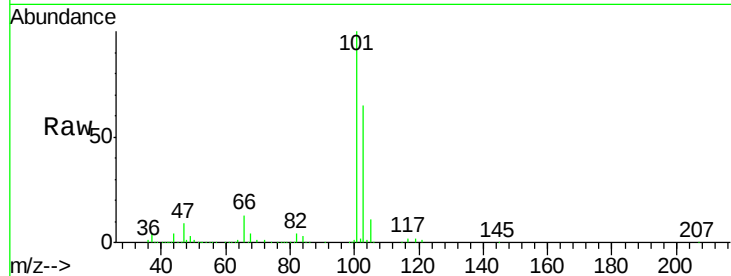
Trichlorofluoromethane
 Concen: 19.21 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.00 min
 Lab File: VX002906.D
 Acq: 26 Jun 2018 21:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0626MBSD02

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.7	52.8	79.2

Manual Integrations
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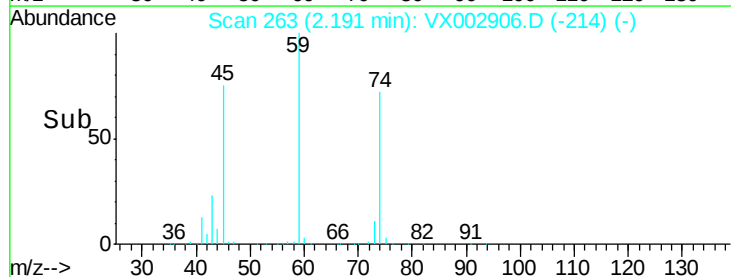
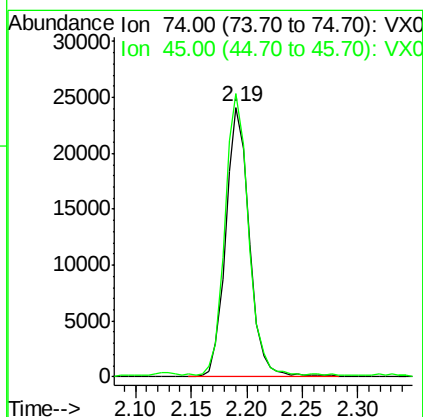
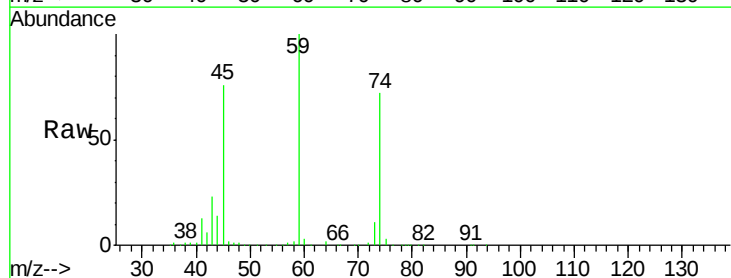
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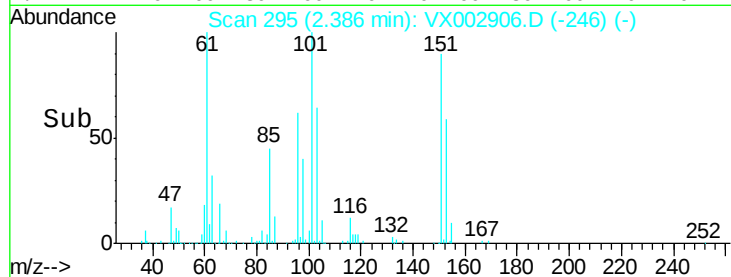
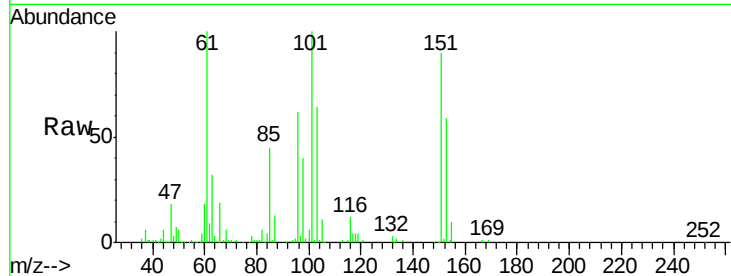
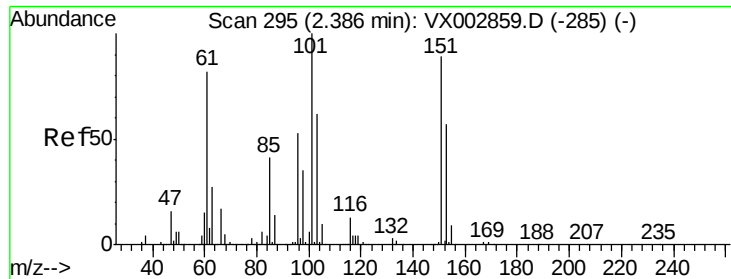


#8

Diethyl Ether
 Concen: 19.76 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX002906.D
 Acq: 26 Jun 2018 21:04

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.7	53.1	159.4





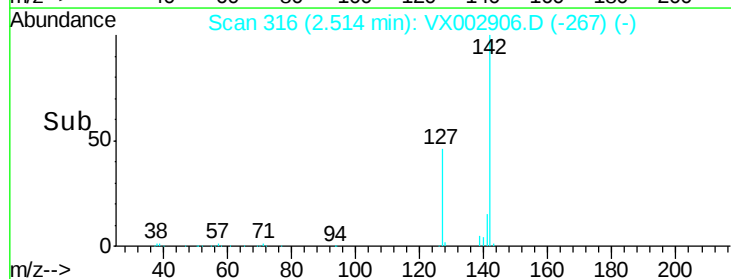
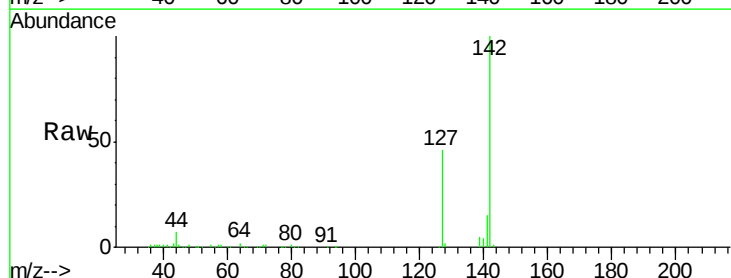
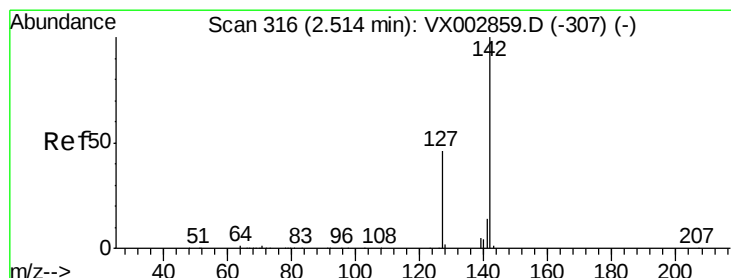
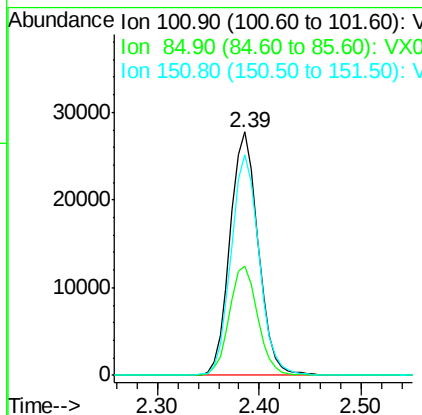
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.63 ug/l
RT: 2.39 min Scan# 295
Delta R.T. 0.00 min
Lab File: VX002906.D
Acq: 26 Jun 2018 21:04

Instrument :
MSVOA_X
ClientSampleId :
VX0626MBSD02

Tot Ion	Ratio	Lower	Upper
101	100		
85	45.2	36.0	54.0
151	89.9	70.9	106.3

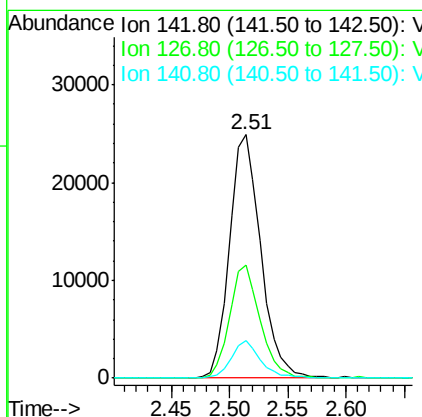
Manual Integrations
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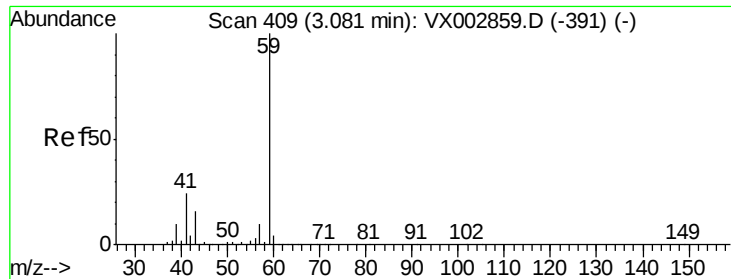
MMDadoda
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#10
Methyl Iodide
Concen: 20.32 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX002906.D
Acq: 26 Jun 2018 21:04

Tgt Ion	Ratio	Lower	Upper
142	100		
127	45.6	36.6	55.0
141	14.5	11.3	16.9





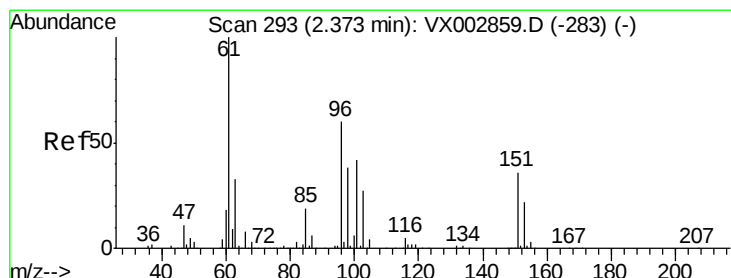
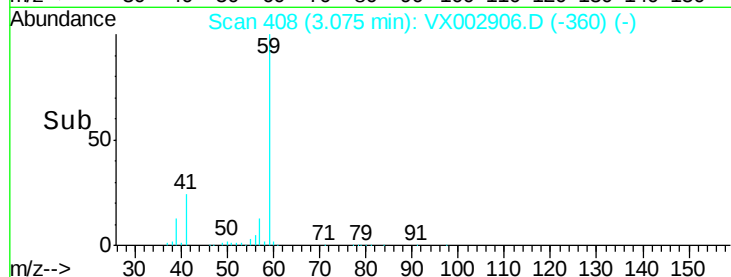
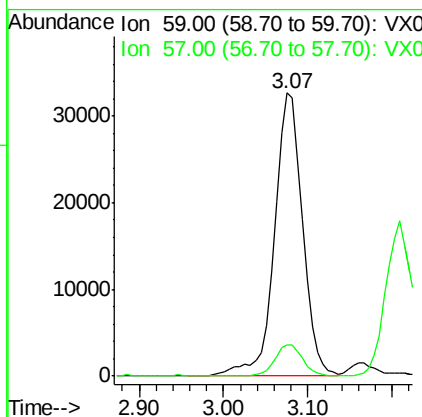
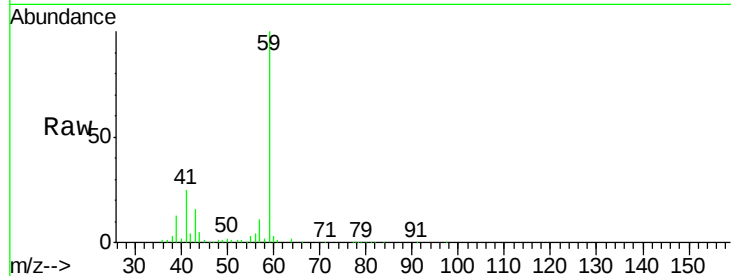
#11
Tert butyl alcohol
Concen: 106.66 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX002906.D
Acq: 26 Jun 2018 21:04

Instrument :
MSVOA_X
ClientSampleId :
VX0626MBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.2	8.2	12.2

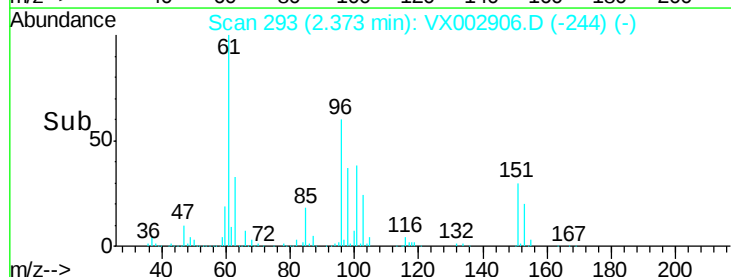
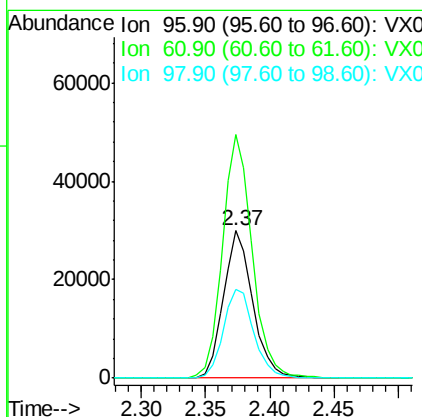
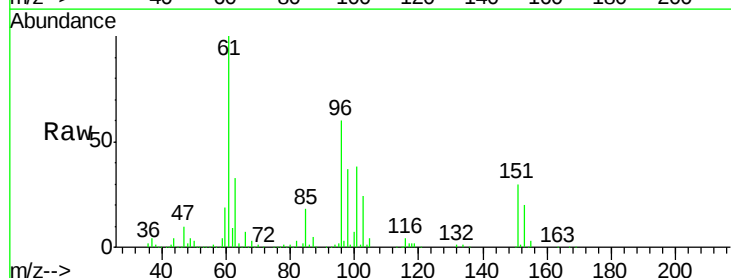
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#12
1,1-Dichloroethene
Concen: 18.83 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX002906.D
Acq: 26 Jun 2018 21:04

Tgt Ion	Ratio	Lower	Upper
96	100		
61	165.3	137.9	206.9
98	60.3	51.6	77.4





#13

Acrolein

Concen: 126.79 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX002906.D

Acq: 26 Jun 2018 21:04

Instrument :

MSVOA_X

ClientSampled :

VX0626MBSD02

Tot Ion: 56 Resp: 49104

Ion Ratio Lower Upper

56 100

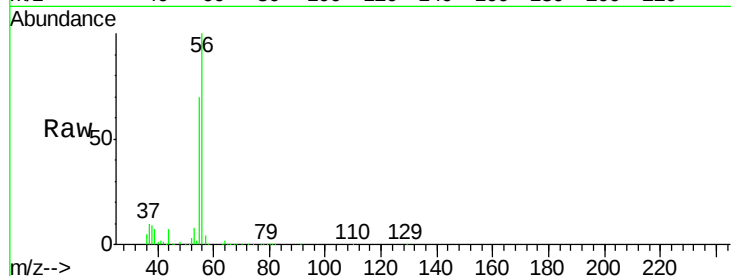
55 71.8 57.0 85.4

Manual Integrations

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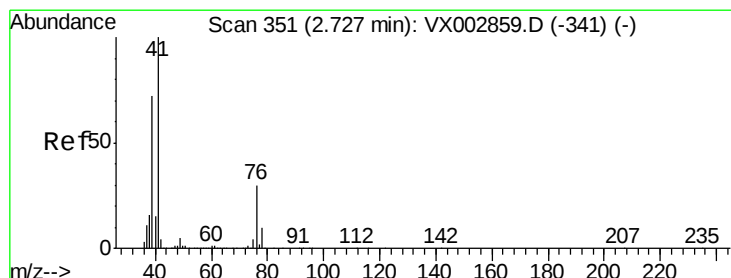
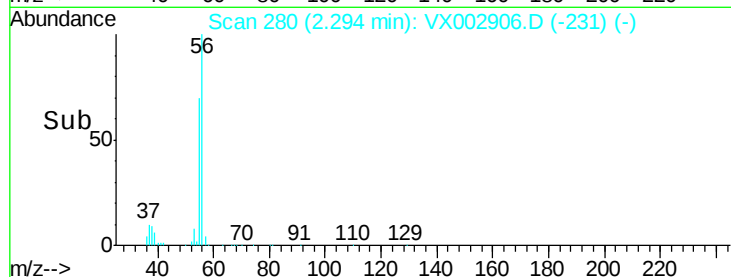
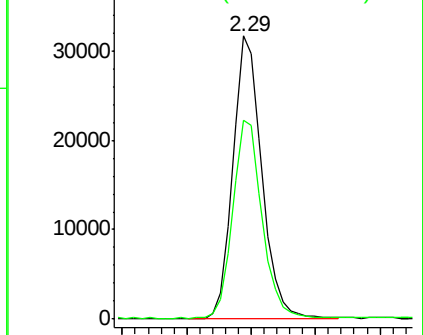
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 19.93 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX002906.D

Acq: 26 Jun 2018 21:04

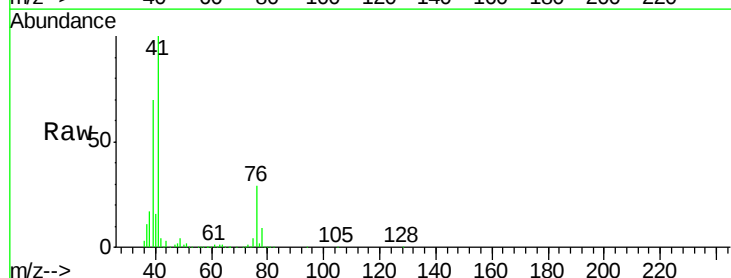
Tgt Ion: 41 Resp: 99951

Ion Ratio Lower Upper

41 100

39 67.7 56.8 85.2

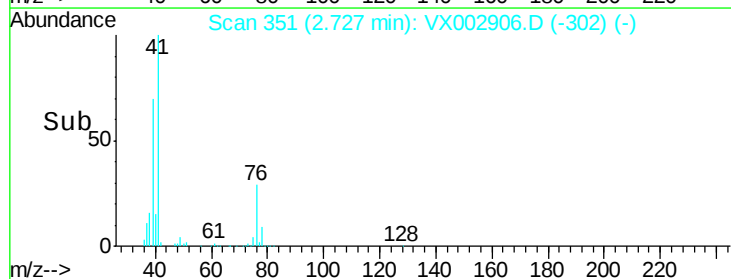
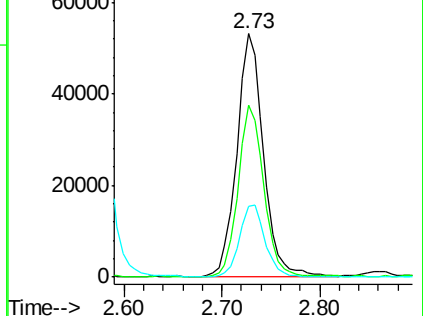
76 28.6 23.8 35.8

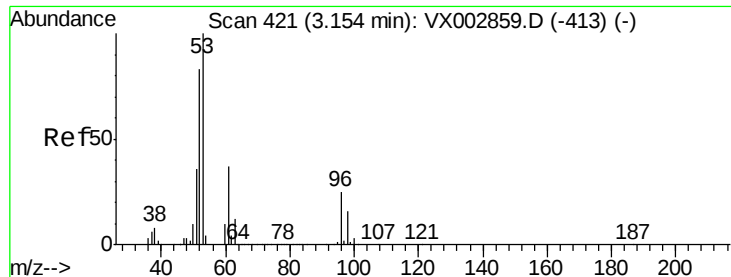


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 102.13 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002906.D

Acq: 26 Jun 2018 21:04

Instrument :

MSVOA_X

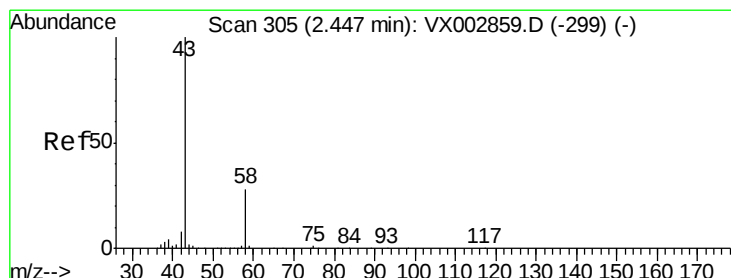
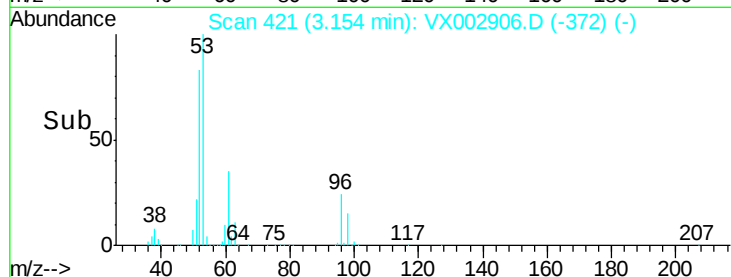
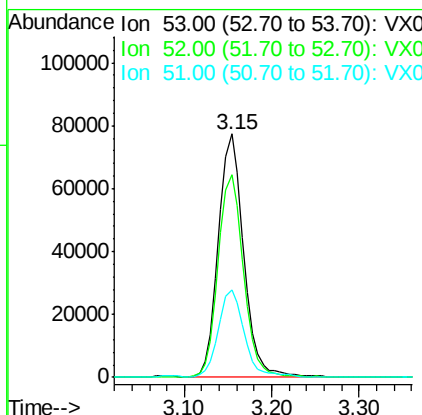
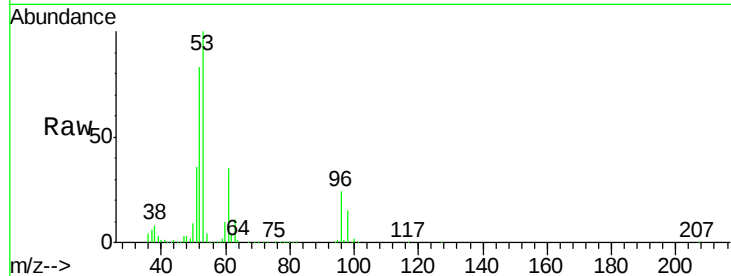
ClientSampleID :

VX0626MBS02

Tot Ion:	53	Resp:	154981
Ion Ratio	Lower	Upper	
53	100		
52	83.6	66.7	100.1
51	36.9	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 98.53 ug/l

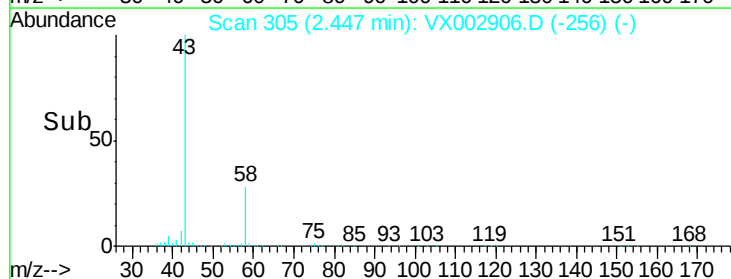
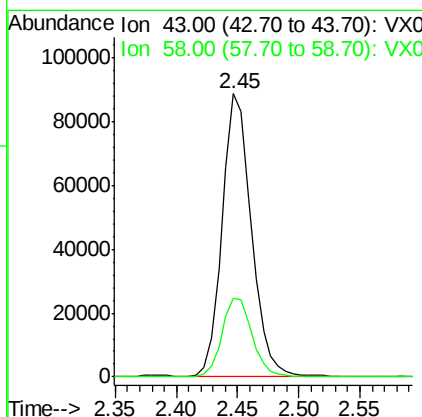
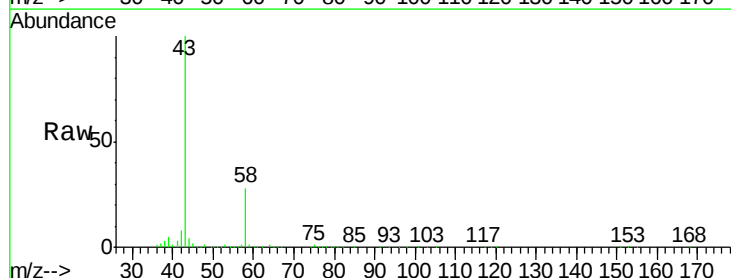
RT: 2.45 min Scan# 305

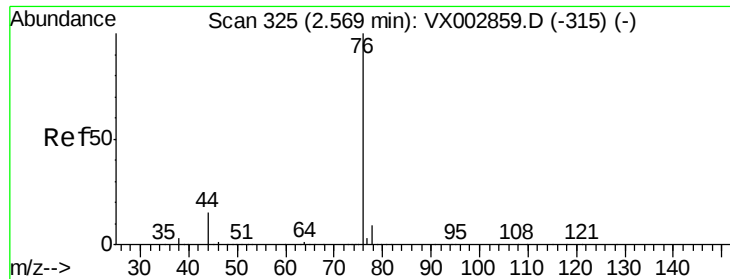
Delta R.T. 0.00 min

Lab File: VX002906.D

Acq: 26 Jun 2018 21:04

Tgt Ion:	43	Resp:	145524
Ion Ratio	Lower	Upper	
43	100		
58	27.8	22.1	33.1





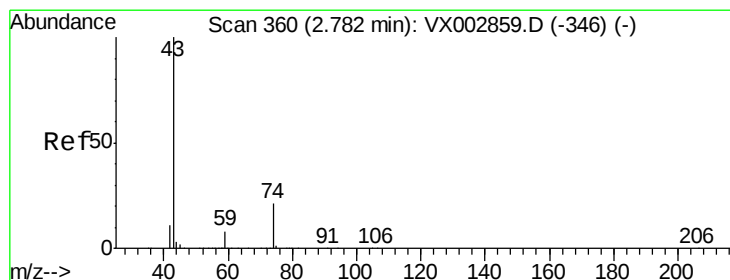
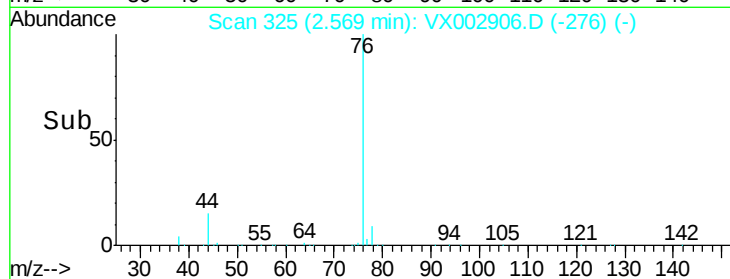
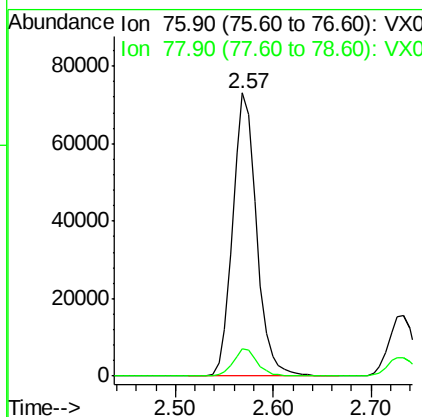
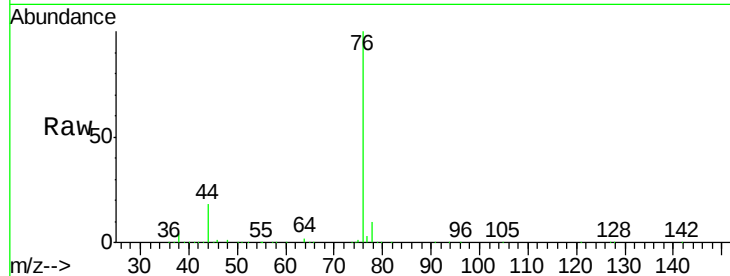
#17
Carbon Disulfide
Concen: 18.25 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX002906.D
Acq: 26 Jun 2018 21:04

Instrument :
MSVOA_X
ClientSampleId :
VX0626MBSD02

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	6.9	10.3

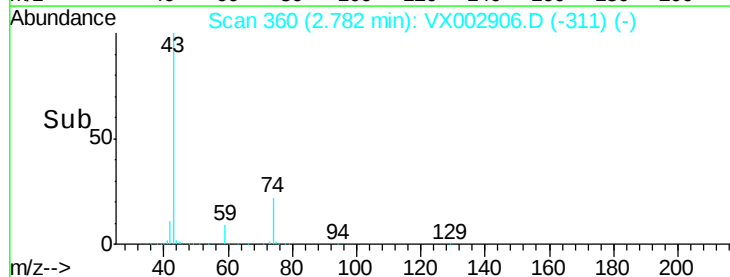
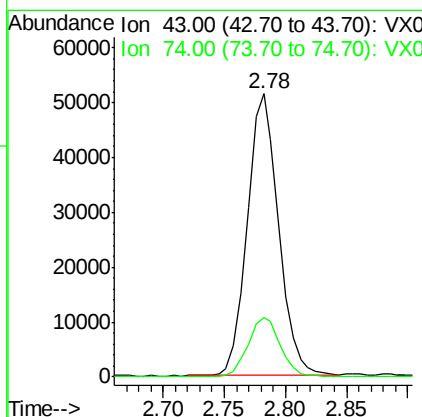
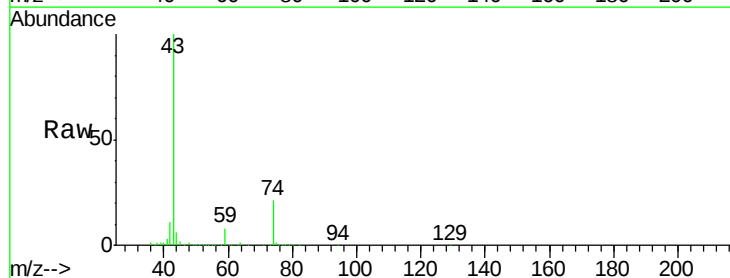
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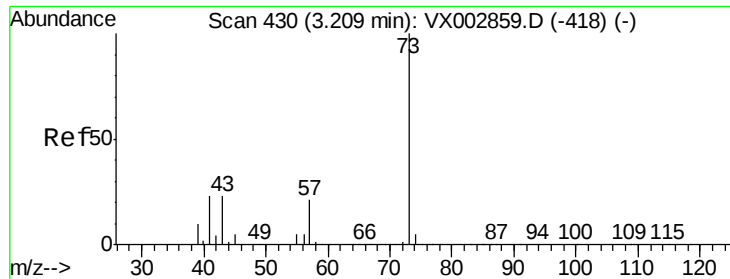
MMDadoda
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#18
Methyl Acetate
Concen: 22.19 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002906.D
Acq: 26 Jun 2018 21:04

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.6	16.7	25.1





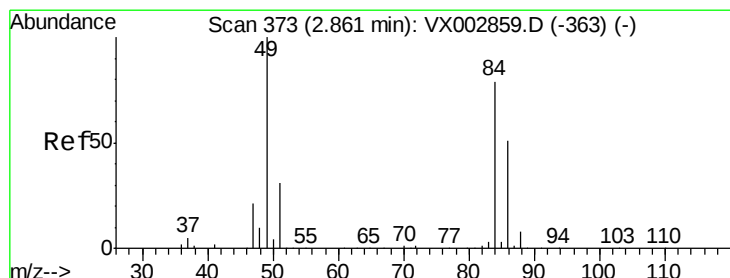
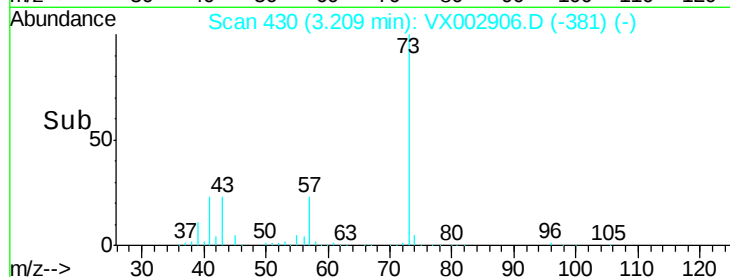
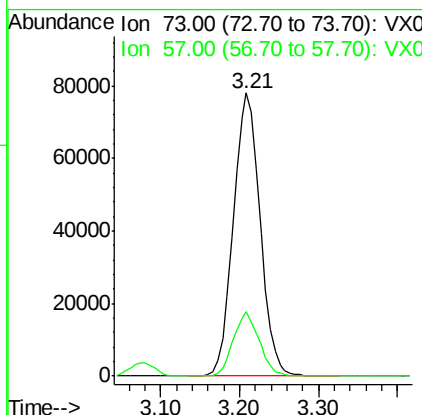
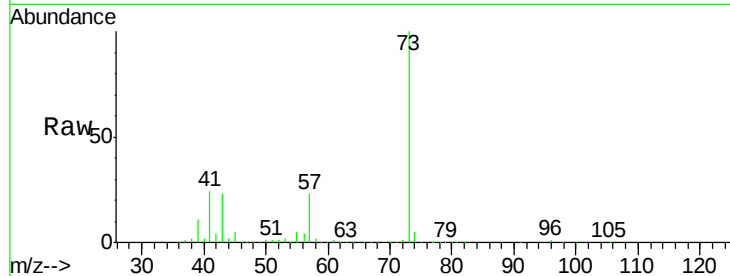
#19
Methvl tert-butvl Ether
Concen: 20.14 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002906.D
Acq: 26 Jun 2018 21:04

Instrument :
MSVOA_X
ClientSampleId :
VX0626MBSD02

Tot Ion: 73 Resp: 184232
Ion Ratio Lower Upper
73 100
57 22.9 17.7 26.5

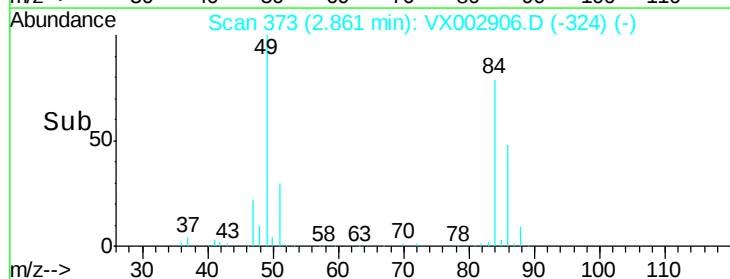
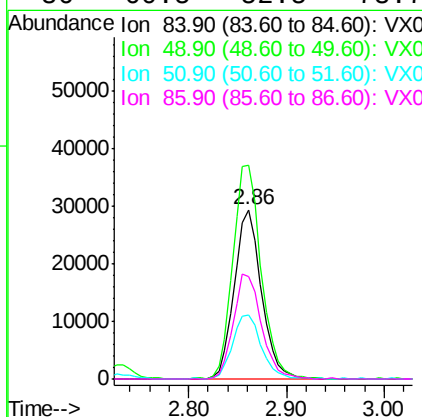
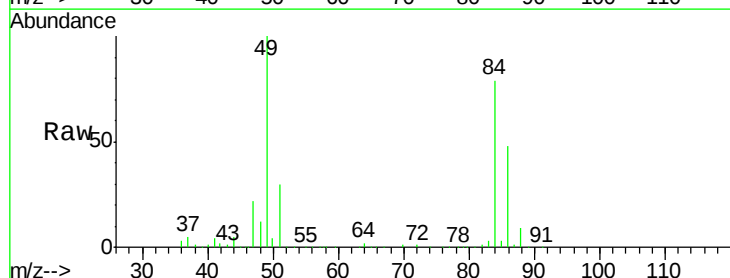
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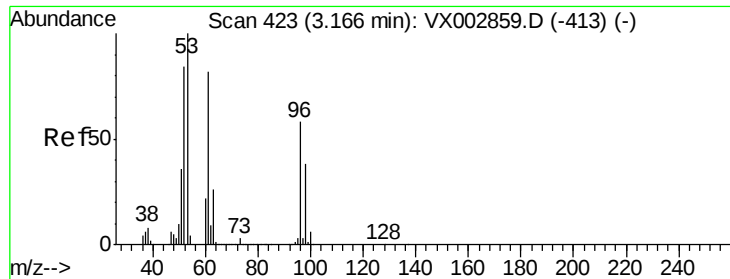
MMDadoda
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#20
Methylene Chloride
Concen: 19.77 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002906.D
Acq: 26 Jun 2018 21:04

Tgt Ion: 84 Resp: 56833
Ion Ratio Lower Upper
84 100
49 126.1 107.8 161.6
51 37.6 32.8 49.2
86 60.5 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 18.91 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX002906.D

Acq: 26 Jun 2018 21:04

Instrument :

MSVOA_X

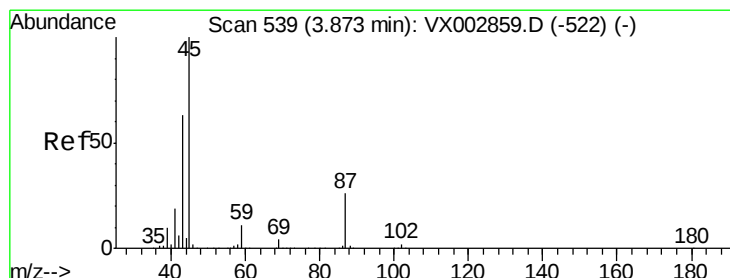
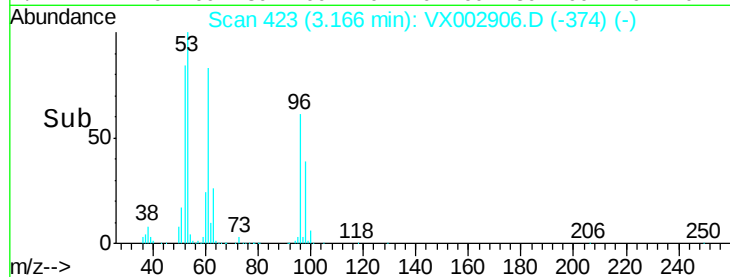
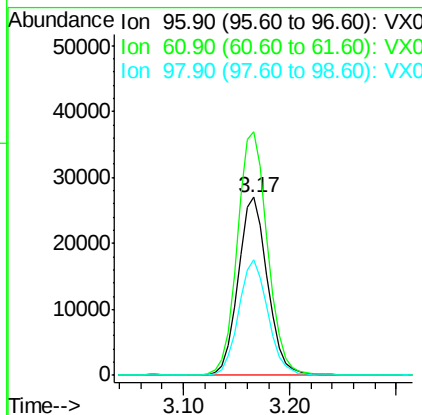
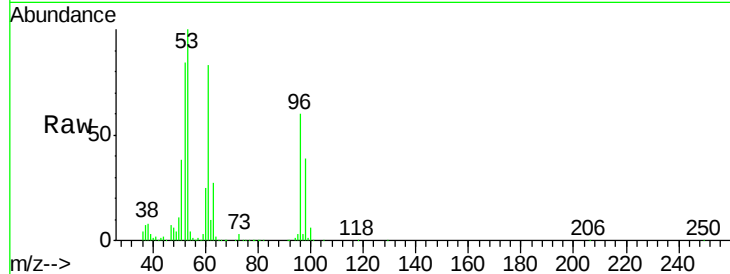
ClientSampleId :

VX0626MBS02

Tot Ion:	96	Resp:	52401
Ion	Ratio	Lower	Upper
96	100		
61	136.7	117.0	175.4
98	65.1	52.4	78.6

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#22

Diisopropyl ether

Concen: 20.07 ug/l

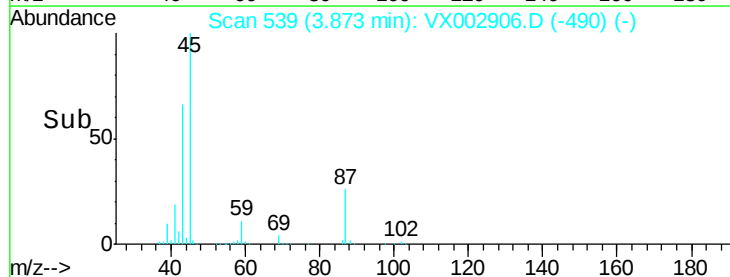
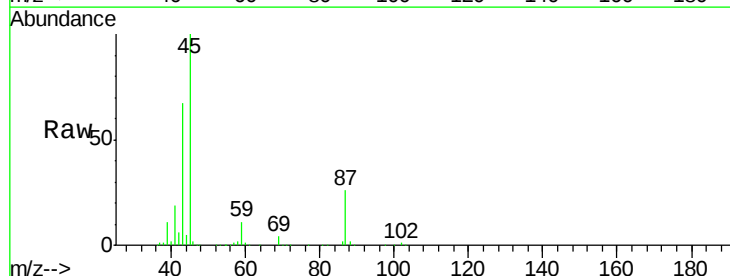
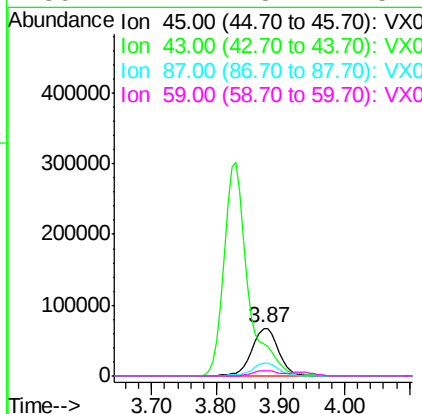
RT: 3.87 min Scan# 539

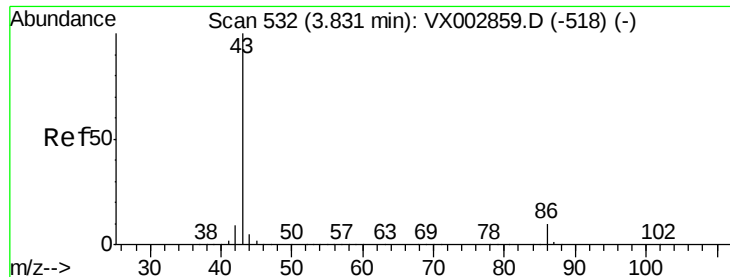
Delta R.T. 0.00 min

Lab File: VX002906.D

Acq: 26 Jun 2018 21:04

Tgt Ion:	45	Resp:	192412
Ion	Ratio	Lower	Upper
45	100		
43	66.3	46.8	70.2
87	26.4	20.2	30.4
59	11.4	8.7	13.1





#23

Vinyl Acetate

Concen: 98.01 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX002906.D

Acq: 26 Jun 2018 21:04

Instrument :

MSVOA_X

ClientSampleId :

VX0626MBSD02

Tot Ion: 43 Resp: 795755

Ion Ratio Lower Upper

43 100

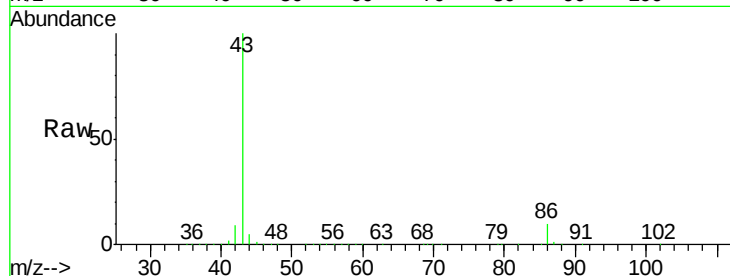
86 9.5 7.4 11.0

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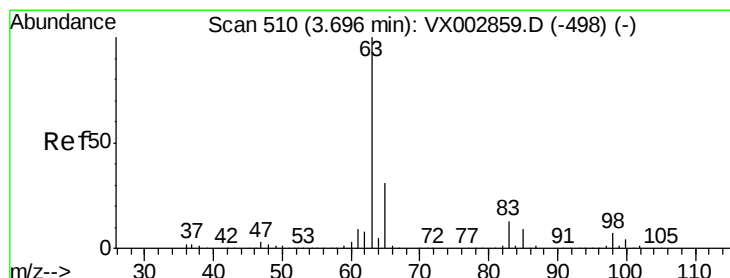
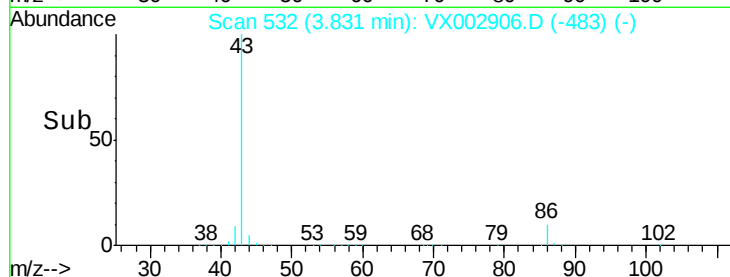
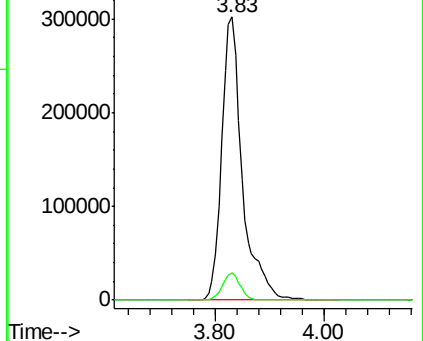
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.77 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX002906.D

Acq: 26 Jun 2018 21:04

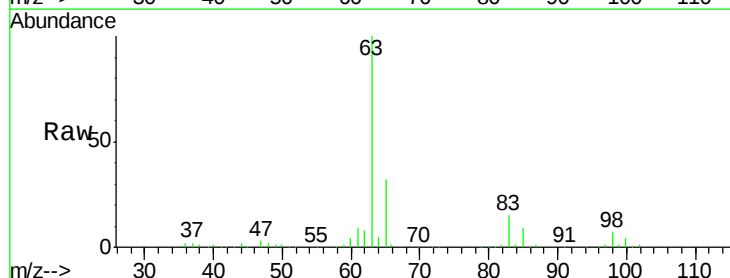
Tgt Ion: 63 Resp: 103018

Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.2

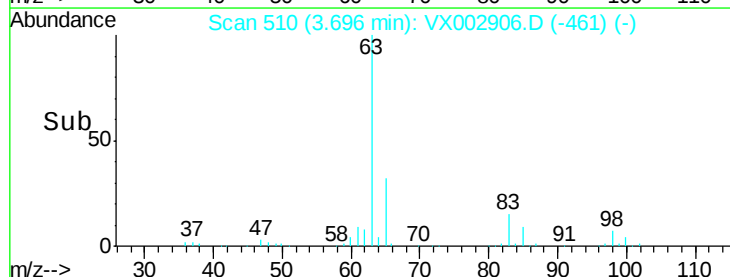
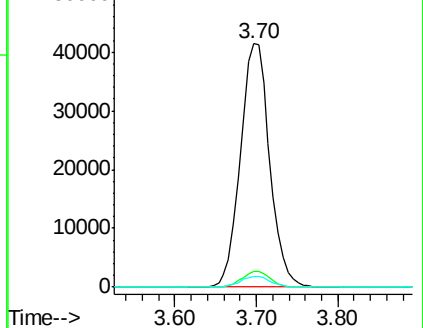
100 4.4 2.0 6.0

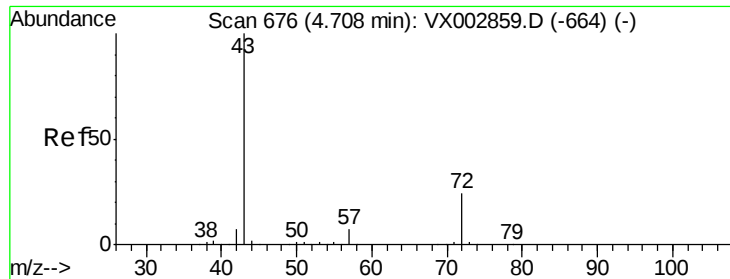


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 102.21 ug/l

RT: 4.71 min Scan# 676

Delta R.T. 0.00 min

Lab File: VX002906.D

Acq: 26 Jun 2018 21:04

Instrument :

MSVOA_X

ClientSampleId :

VX0626MBSD02

Tot Ion: 43 Resp: 224040

Ion Ratio Lower Upper

43 100

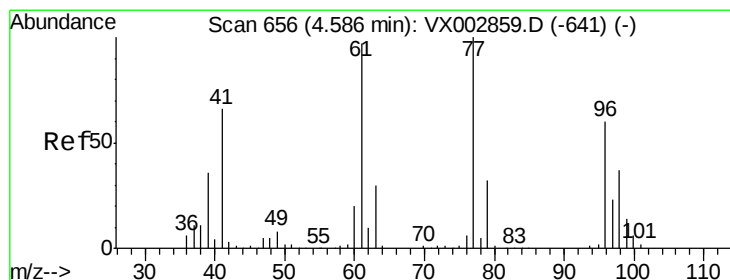
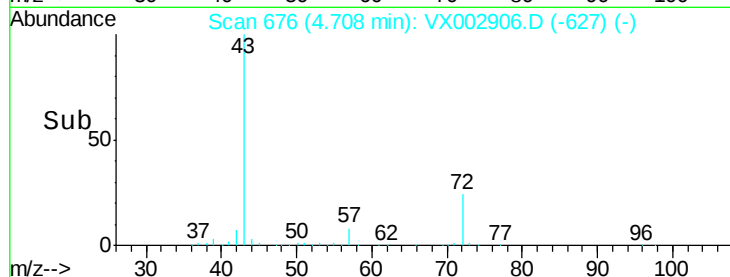
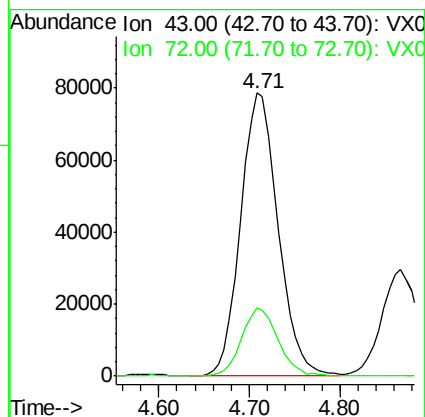
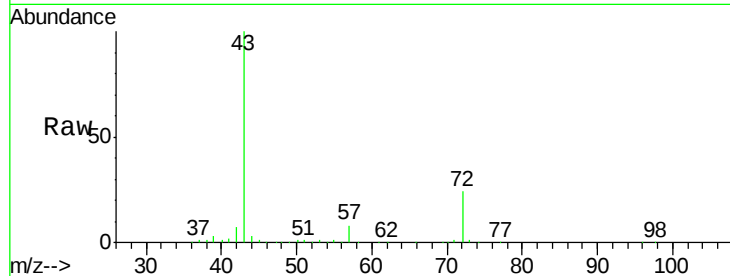
72 24.1 18.5 27.7

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 16.34 ug/l

RT: 4.58 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX002906.D

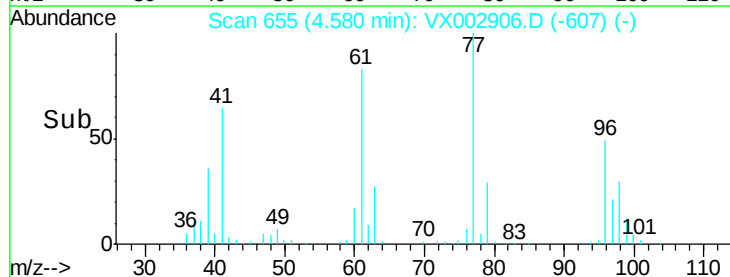
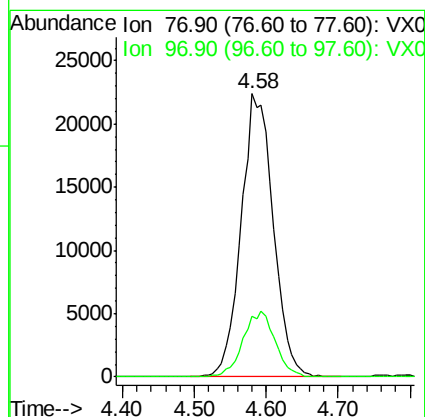
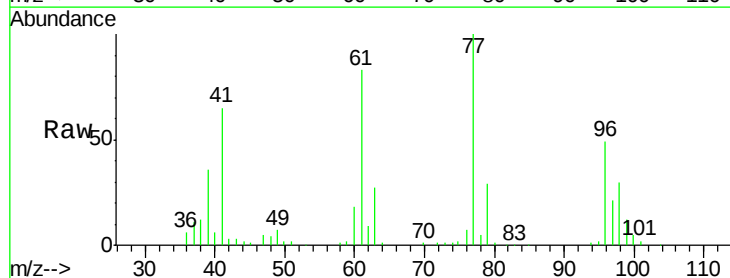
Acq: 26 Jun 2018 21:04

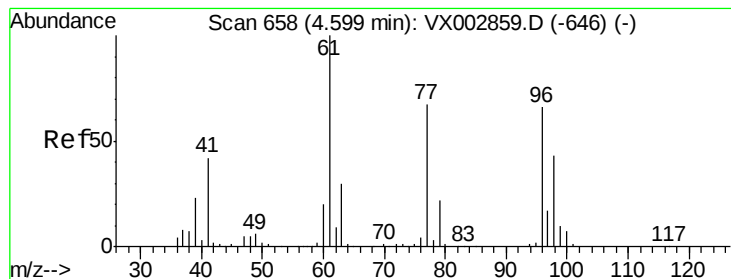
Tgt Ion: 77 Resp: 69263

Ion Ratio Lower Upper

77 100

97 23.1 11.2 33.5





#27

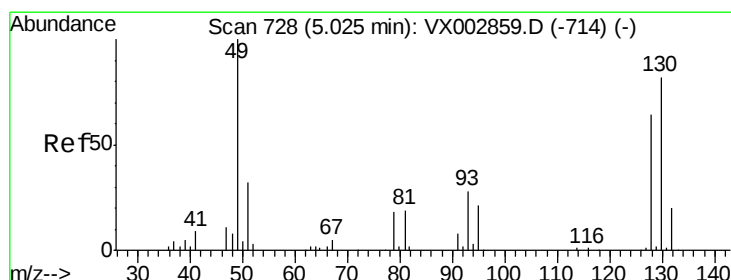
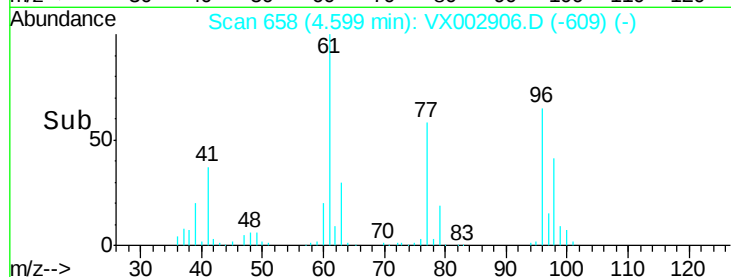
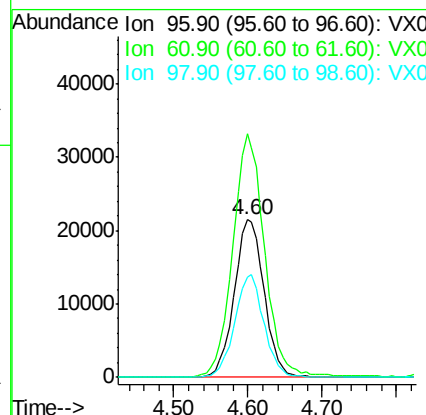
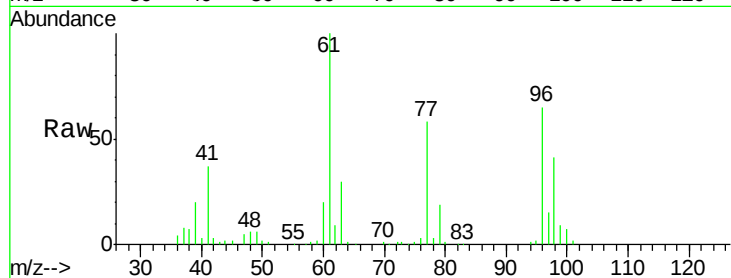
cis-1,2-Dichloroethene
Concen: 19.36 ug/l
RT: 4.60 min Scan# 658
Delta R.T. 0.00 min
Lab File: VX002906.D
Acq: 26 Jun 2018 21:04

Instrument :
MSVOA_X
ClientSampleId :
VX0626MBSD02

Tot Ion	Ratio	Lower	Upper
96	100		
61	165.0	0.0	330.2
98	64.0	0.0	130.2

Manual Integrations
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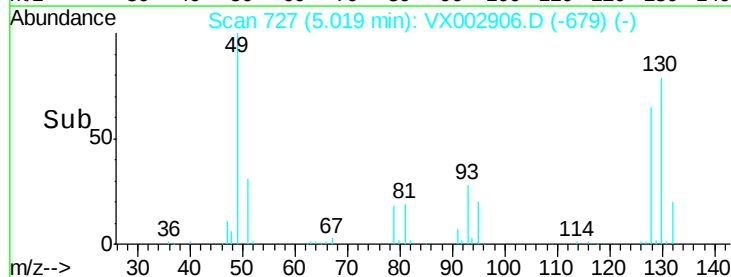
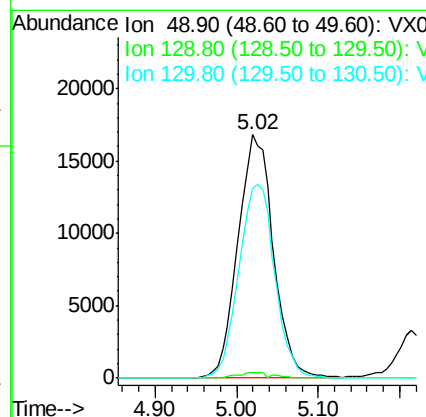
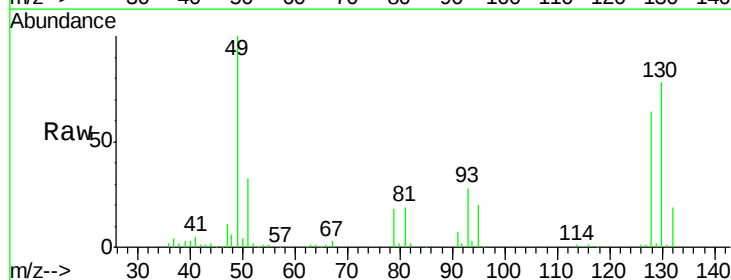
MMDadoda
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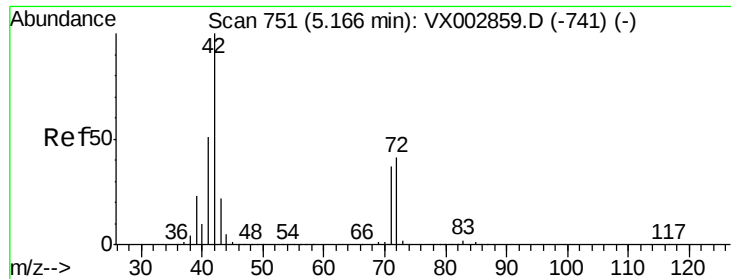


#28

Bromochloromethane
Concen: 20.29 ug/l
RT: 5.02 min Scan# 727
Delta R.T. -0.01 min
Lab File: VX002906.D
Acq: 26 Jun 2018 21:04

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	4.2
130	80.7	61.2	91.8





#29

Tetrahydrofuran

Concen: 101.54 ug/l

RT: 5.17 min Scan# 751

Delta R.T. 0.00 min

Lab File: VX002906.D

Acq: 26 Jun 2018 21:04

Instrument :

MSVOA_X

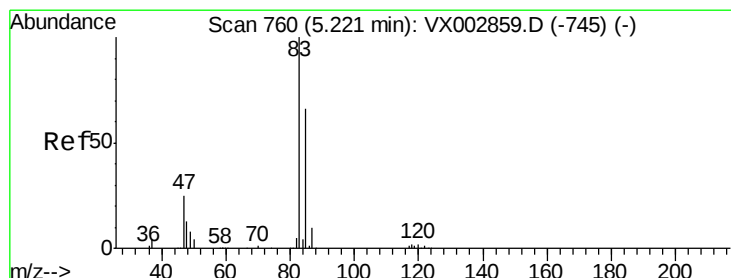
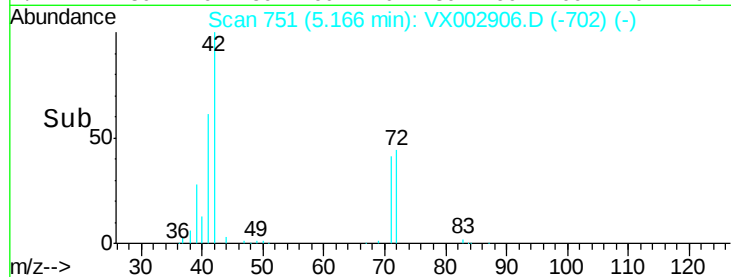
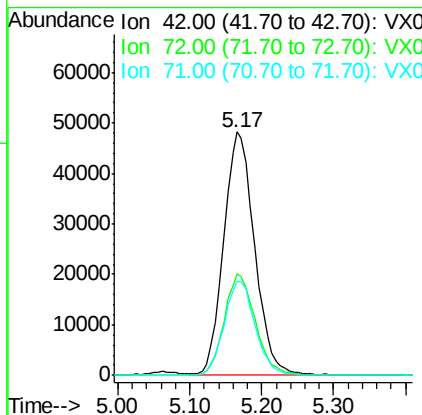
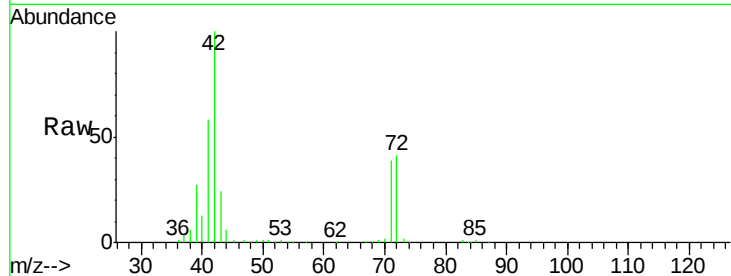
ClientSampleId :

VX0626MBSD02

Tot Ion:	42	Resp:	142722
Ion	Ratio	Lower	Upper
42	100		
72	42.2	32.0	48.0
71	39.3	30.1	45.1

Manual Integrations
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#30

Chloroform

Concen: 20.00 ug/l

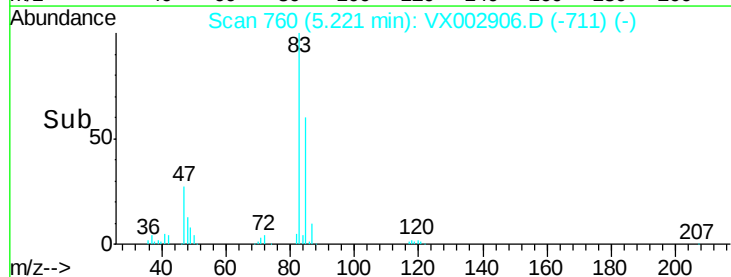
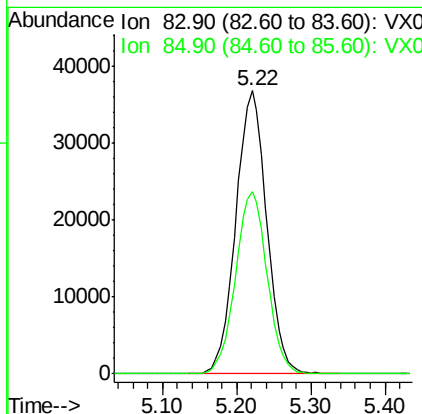
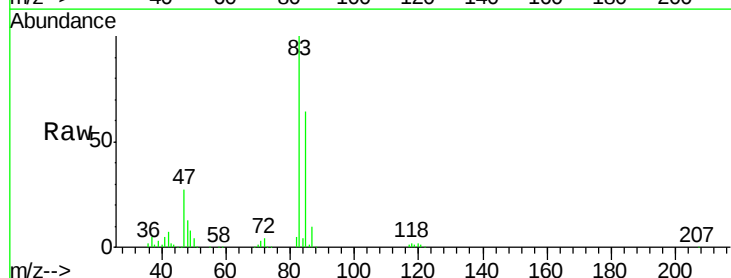
RT: 5.22 min Scan# 760

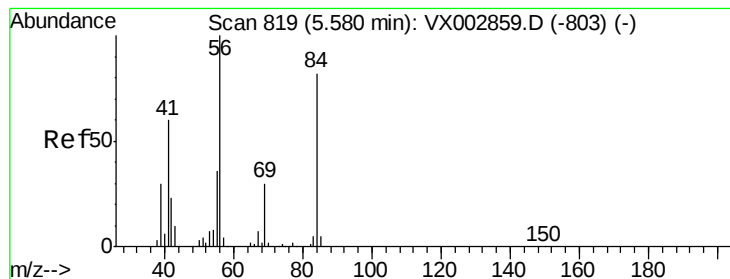
Delta R.T. 0.00 min

Lab File: VX002906.D

Acq: 26 Jun 2018 21:04

Tgt Ion:	83	Resp:	106972
Ion	Ratio	Lower	Upper
83	100		
85	64.2	50.4	75.6





#31

Cyclohexane

Concen: 18.48 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX002906.D

Acq: 26 Jun 2018 21:04

Instrument :

MSVOA_X

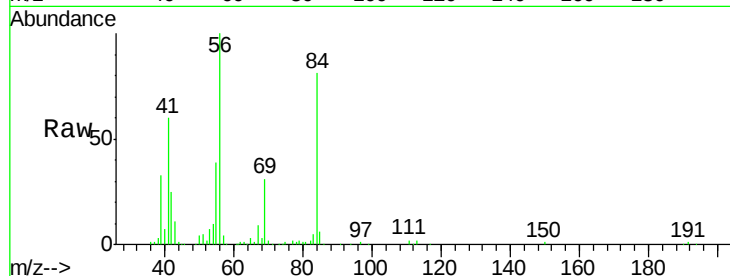
ClientSampleId :

VX0626MBS02

Tot Ion:	56	Resp:	82648
Ion	Ratio	Lower	Upper
56	100		
69	31.1	23.7	35.5
84	79.2	64.1	96.1

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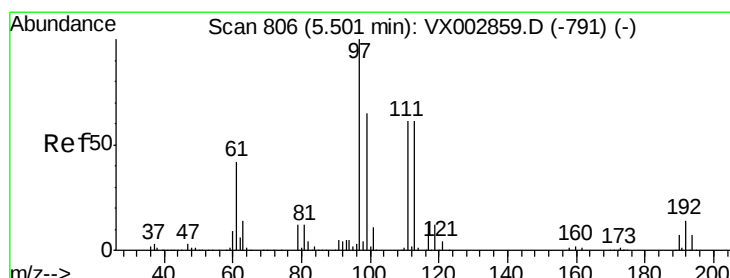
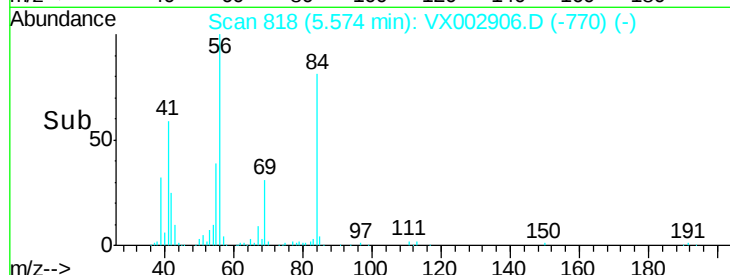
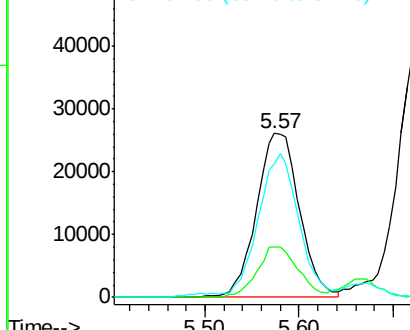


Abundance

Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 19.79 ug/l

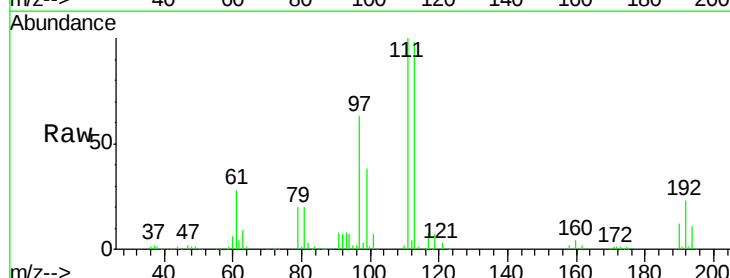
RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX002906.D

Acq: 26 Jun 2018 21:04

Tgt Ion:	97	Resp:	93112
Ion	Ratio	Lower	Upper
97	100		
99	63.5	51.6	77.4
61	45.0	36.4	54.6

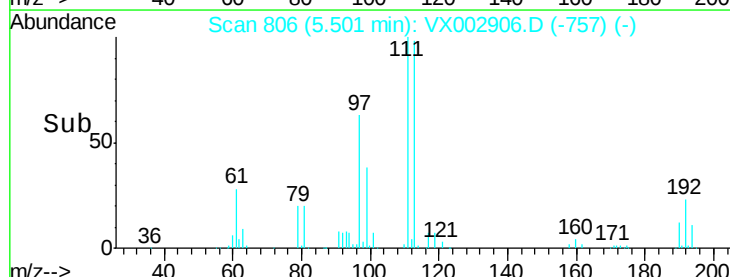
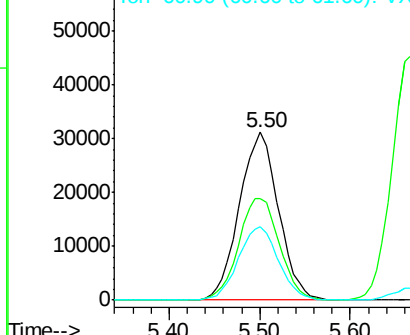


Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





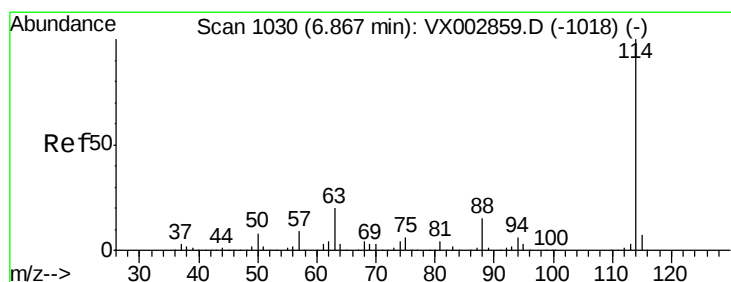
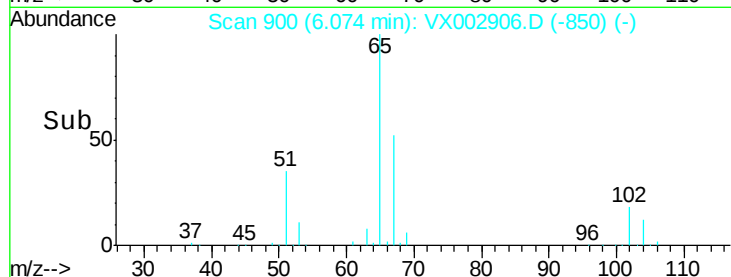
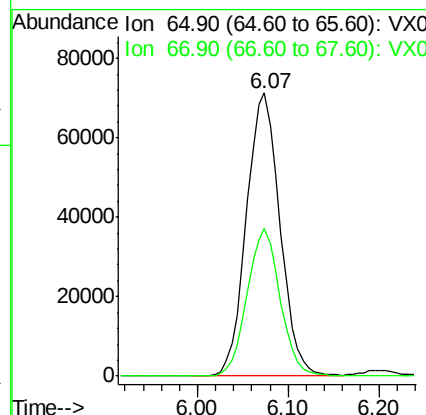
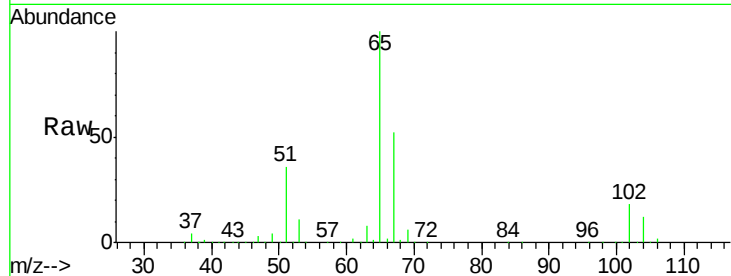
#33
 1,2-Dichloroethane-d4
 Concen: 51.33 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX002906.D
 Acq: 26 Jun 2018 21:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0626MBSD02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	183081		
67	51.2	0.0	102.6	

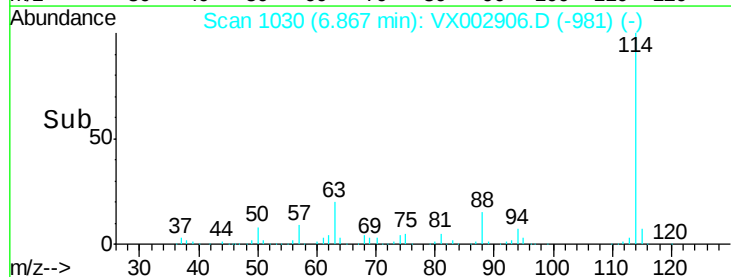
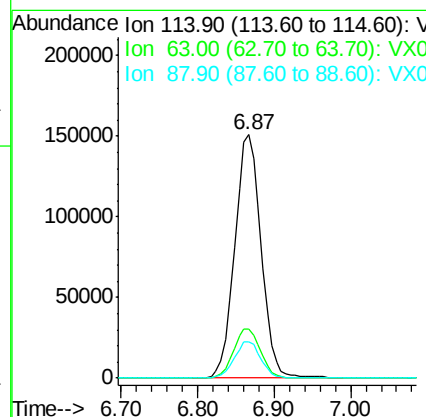
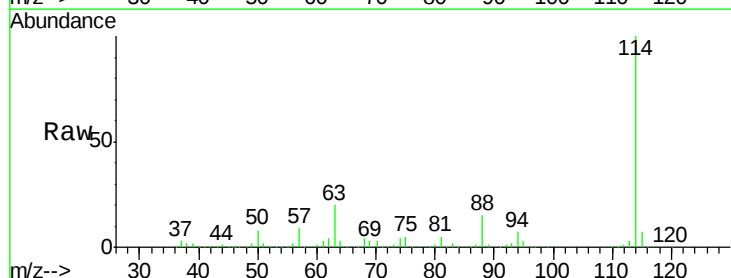
Manual Integrations
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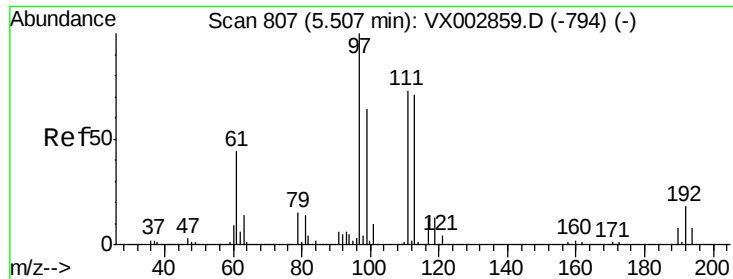
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002906.D
 Acq: 26 Jun 2018 21:04

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	359691		
63	20.1	0.0	41.4	
88	15.0	0.0	30.0	





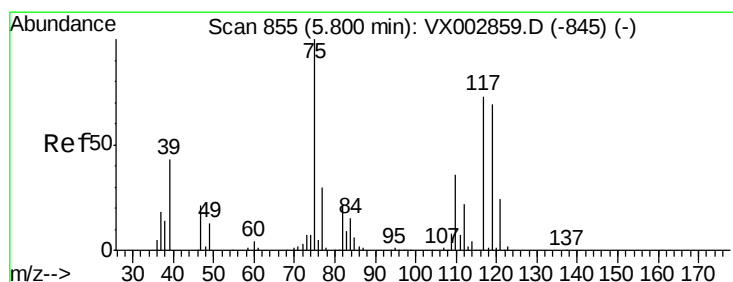
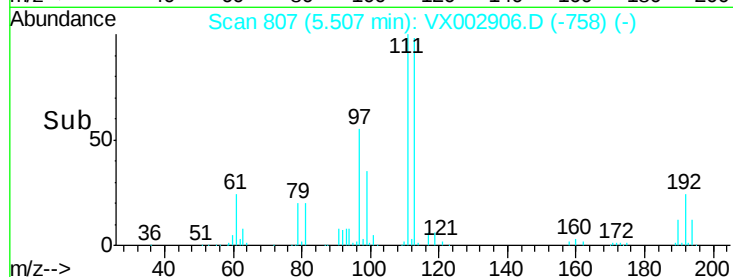
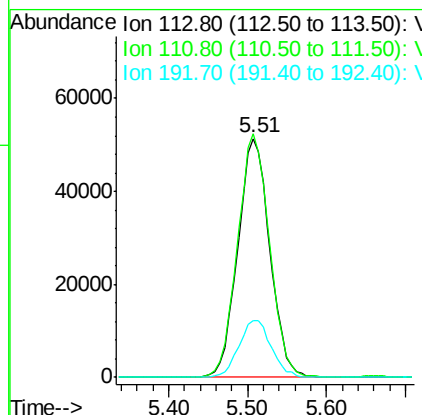
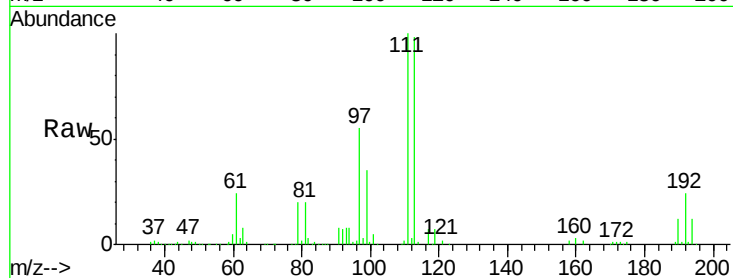
#35
Dibromofluoromethane
Concen: 50.68 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX002906.D
Acq: 26 Jun 2018 21:04

Instrument :
MSVOA_X
ClientSampleId :
VX0626MBSD02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	144361		
111	102.3	81.4	122.0	
192	24.2	19.1	28.7	

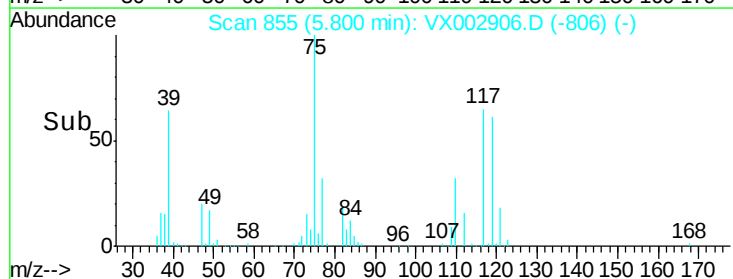
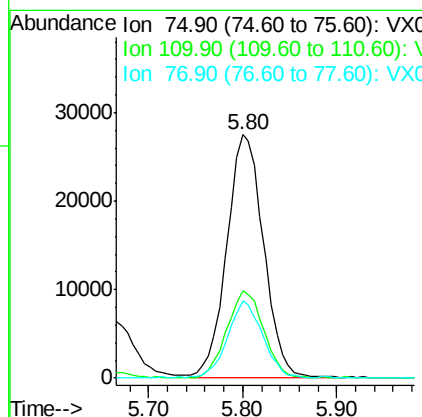
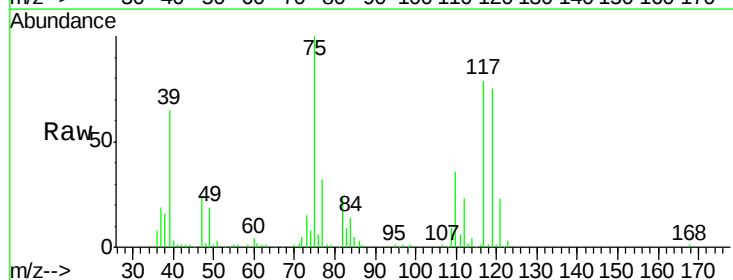
Manual Integrations
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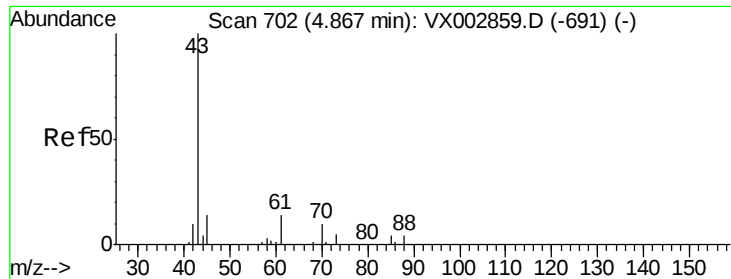
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#36
1,1-Dichloropropene
Concen: 18.79 ug/l
RT: 5.80 min Scan# 855
Delta R.T. 0.00 min
Lab File: VX002906.D
Acq: 26 Jun 2018 21:04

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	74106		
110	36.1	18.1	54.4	
77	29.6	24.3	36.5	





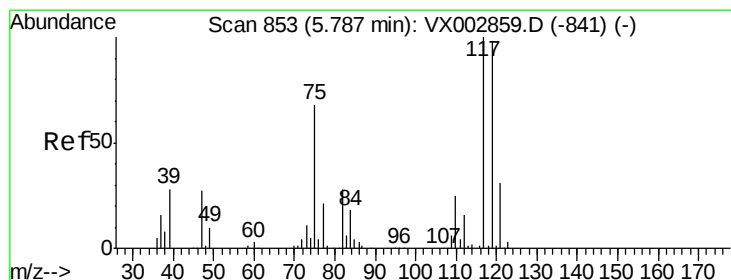
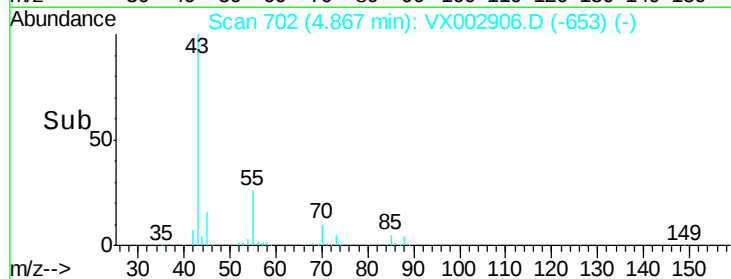
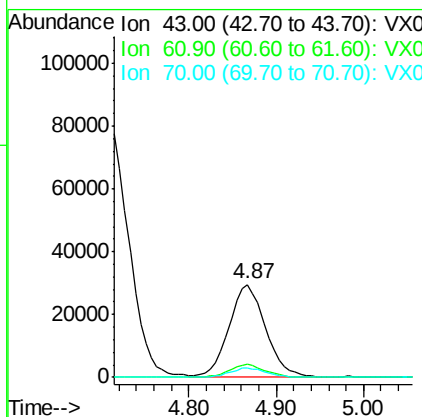
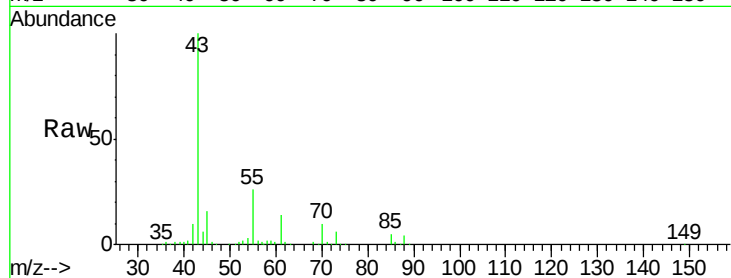
#37
Ethyl Acetate
Concen: 19.87 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX002906.D
Acq: 26 Jun 2018 21:04

Instrument :
MSVOA_X
ClientSampleId :
VX0626MBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.1	10.4	15.6
70	10.2	7.6	11.4

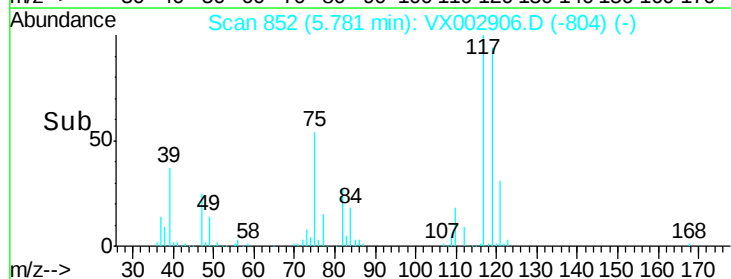
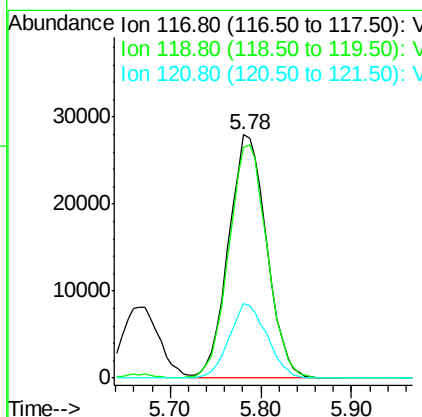
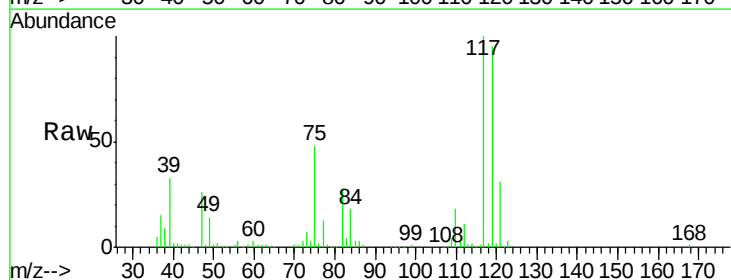
Manual Integrations
APPROVED

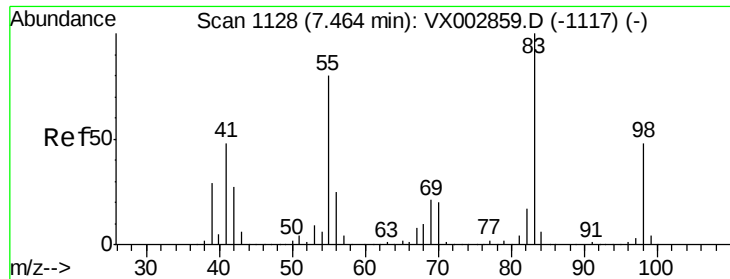
MMDadoda
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#38
Carbon Tetrachloride
Concen: 18.82 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX002906.D
Acq: 26 Jun 2018 21:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.6	77.4	116.0
121	30.9	24.4	36.6





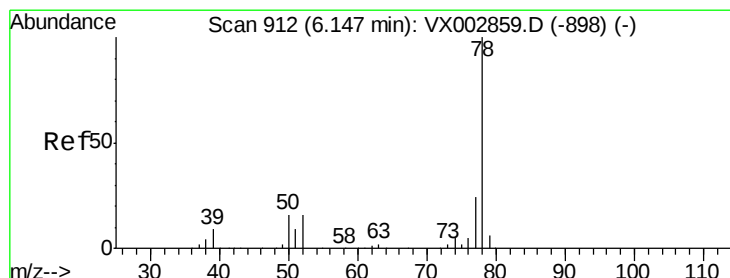
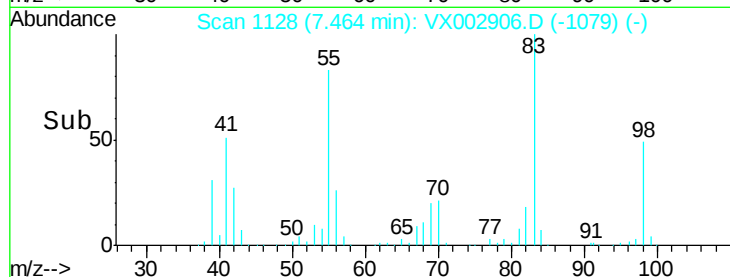
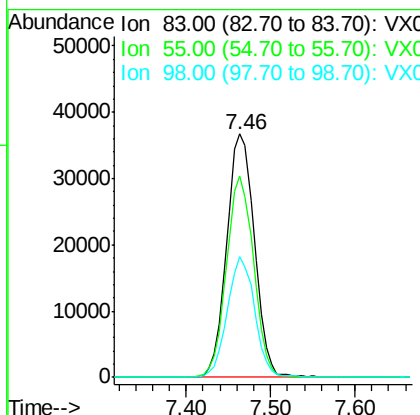
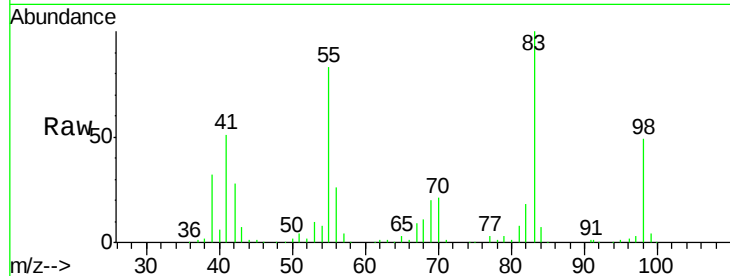
#39
Methvlcvclohexane
Concen: 17.80 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002906.D
Acq: 26 Jun 2018 21:04

Instrument :
MSVOA_X
ClientSampleId :
VX0626MBSD02

Tot Ion	83	Resp	81779
Ion Ratio	100	Lower	Upper
83	100		
55	82.9	65.4	98.0
98	49.4	37.4	56.0

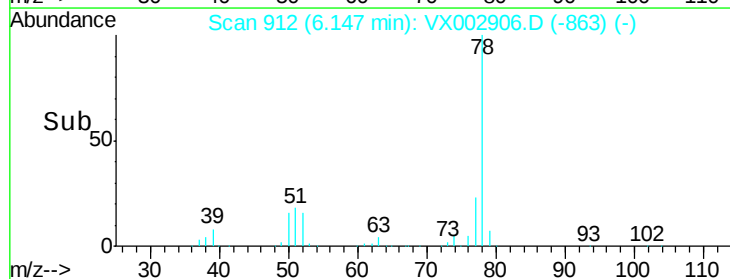
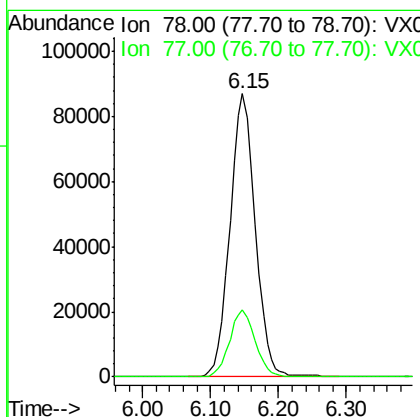
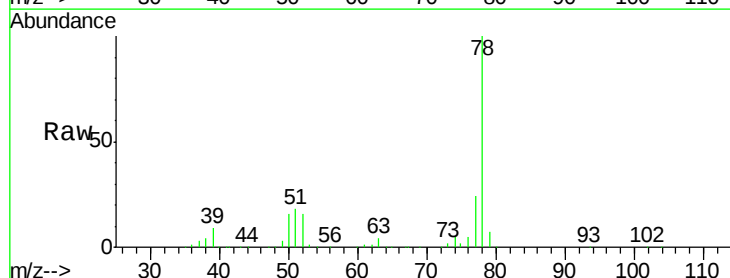
Manual Integrations
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#40
Benzene
Concen: 19.54 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX002906.D
Acq: 26 Jun 2018 21:04

Tgt Ion	78	Resp	223932
Ion Ratio	100	Lower	Upper
78	100		
77	23.9	19.1	28.7





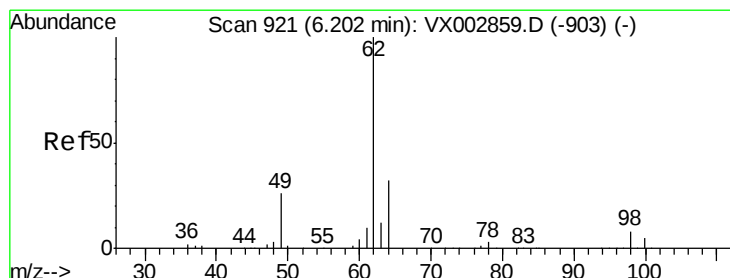
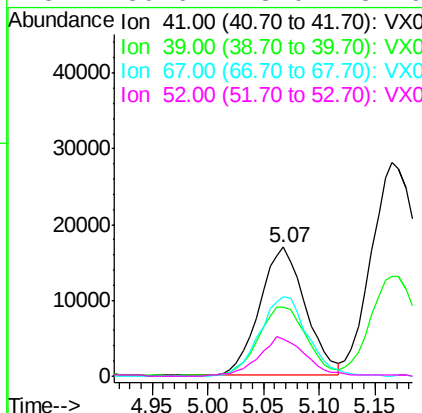
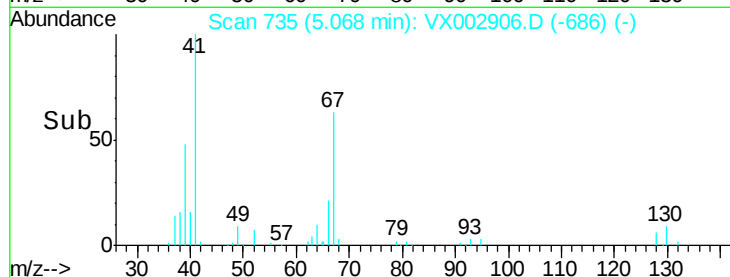
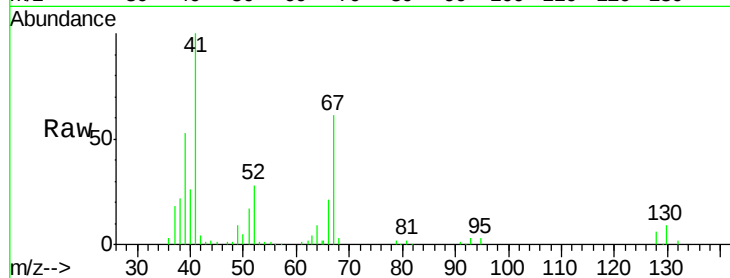
#41
Methacrylonitrile
Concen: 19.89 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX002906.D
Acq: 26 Jun 2018 21:04

Instrument :
MSVOA_X
ClientSampleId :
VX0626MBSD02

Tot Ion	Ratio	Lower	Upper
41	100		
39	56.0	45.8	68.6
67	65.0	51.3	76.9
52	30.6	23.0	34.6

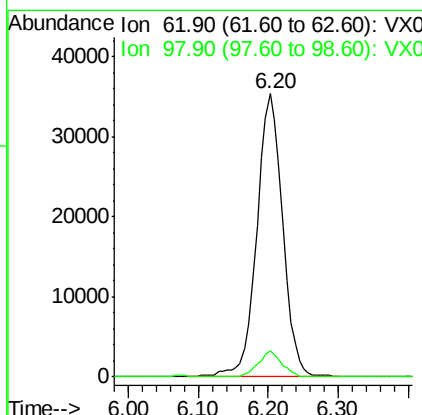
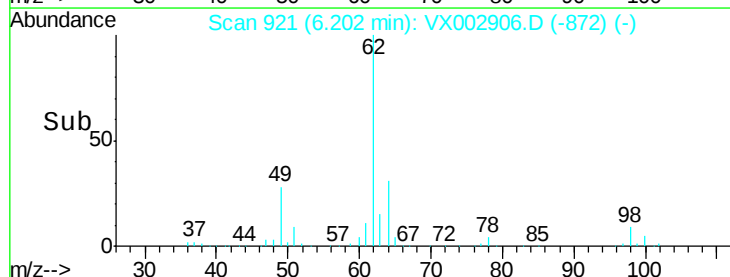
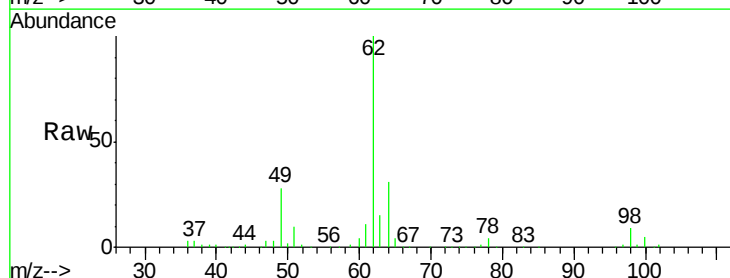
Manual Integrations
APPROVED

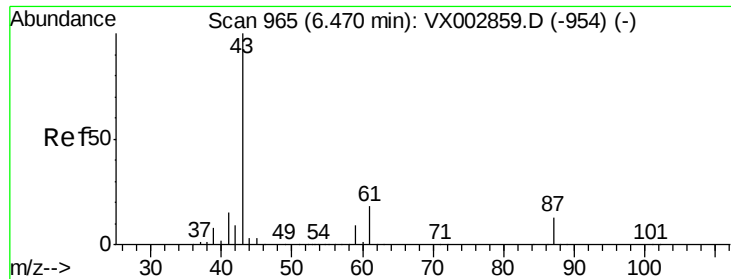
MMDadoda
6/28/2018 3:12:09 PM



#42
1,2-Dichloroethane
Concen: 19.62 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX002906.D
Acq: 26 Jun 2018 21:04

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	16.6





#43

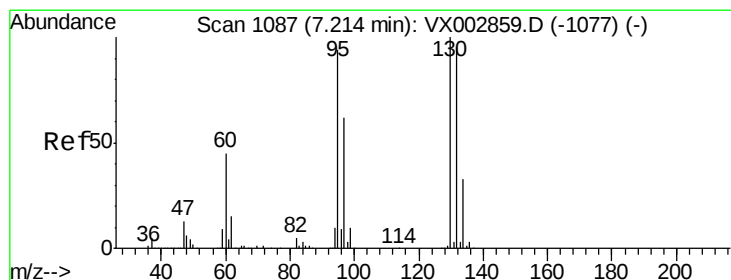
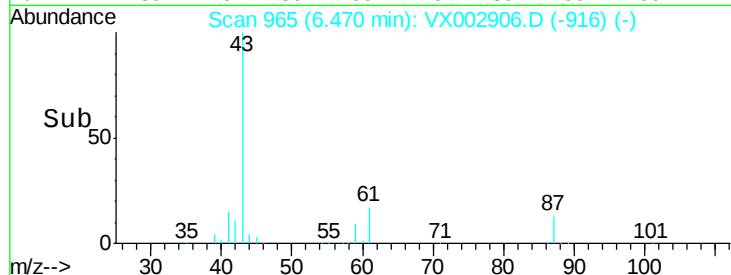
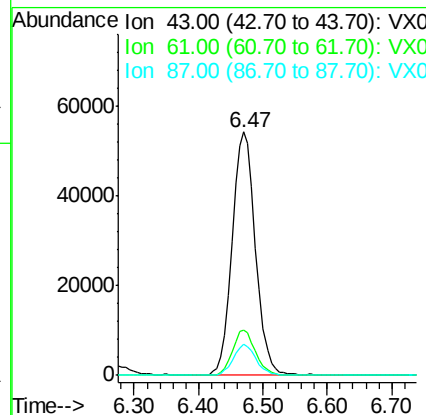
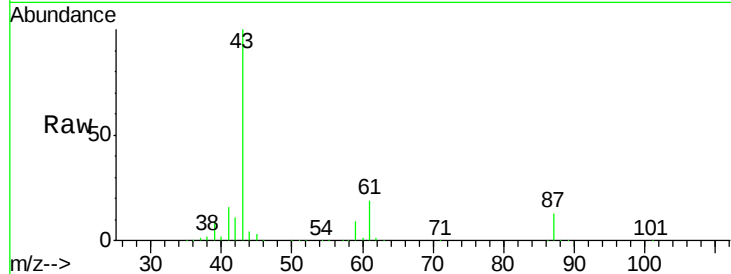
Isopropyl Acetate
 Concen: 19.46 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. 0.00 min
 Lab File: VX002906.D
 Acq: 26 Jun 2018 21:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0626MBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.2	14.4	21.6
87	12.4	9.5	14.3

Manual Integrations
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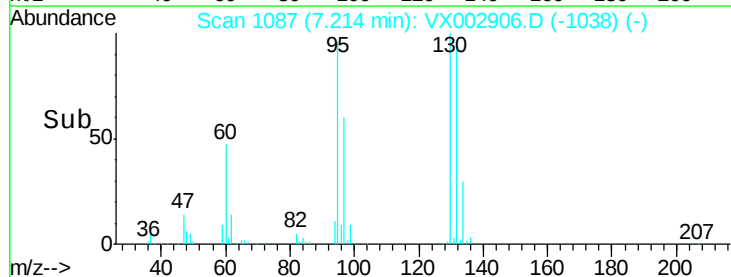
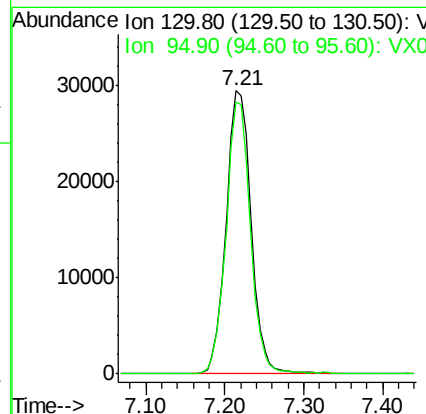
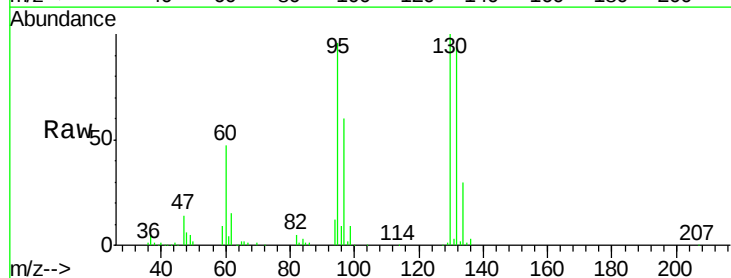
MMDadoda
 6/28/2018 3:12:09 PM



#44

Trichloroethene
 Concen: 19.15 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX002906.D
 Acq: 26 Jun 2018 21:04

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.2	0.0	185.4





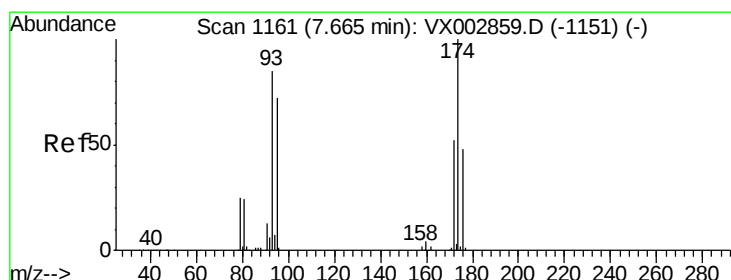
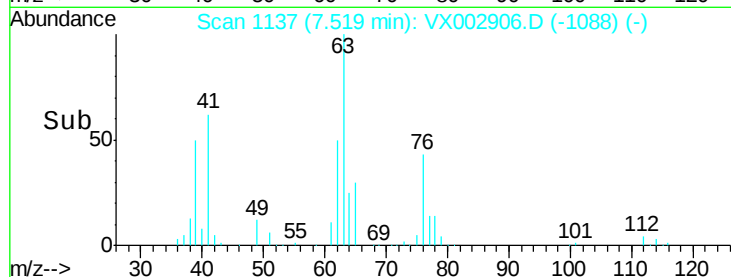
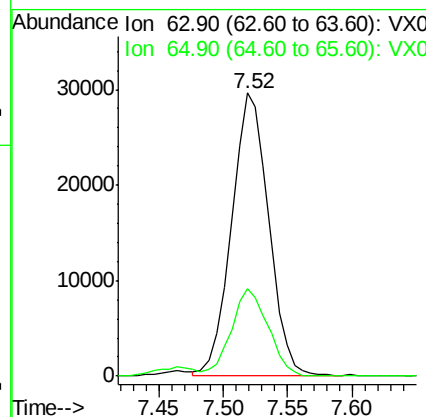
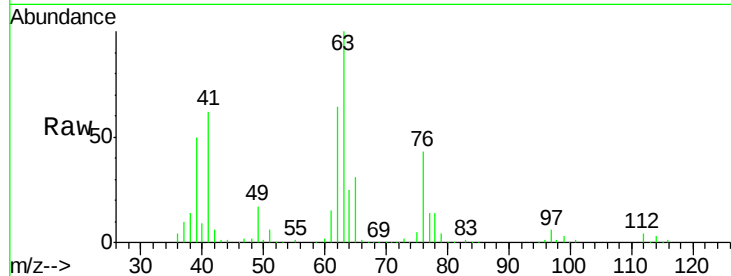
#45
 1,2-Dichloropropane
 Concen: 19.45 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX002906.D
 Acq: 26 Jun 2018 21:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0626MBSD02

Tot Ion: 63 Resp: 59131
 Ion Ratio Lower Upper
 63 100
 65 31.0 24.7 37.1

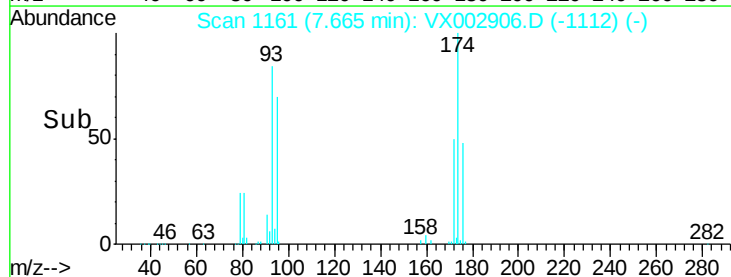
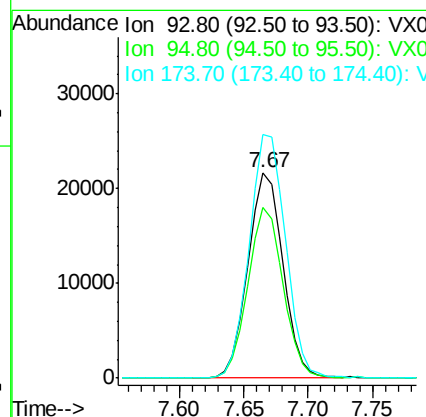
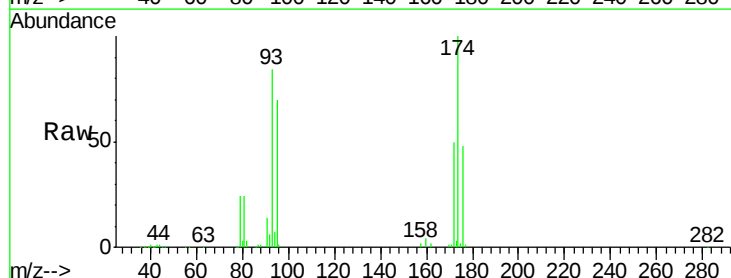
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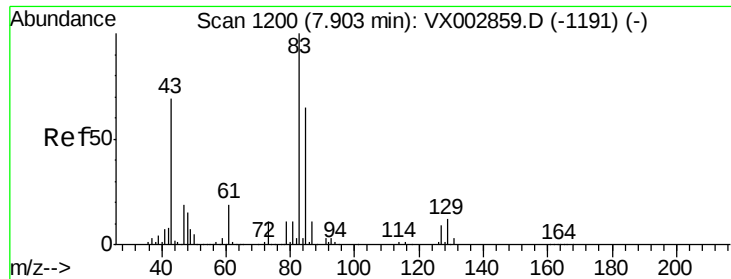
MMDadoda
 6/28/2018 3:12:09 PM



#46
 Dibromomethane
 Concen: 19.37 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX002906.D
 Acq: 26 Jun 2018 21:04

Tgt Ion: 93 Resp: 40870
 Ion Ratio Lower Upper
 93 100
 95 83.4 65.9 98.9
 174 123.2 92.4 138.6





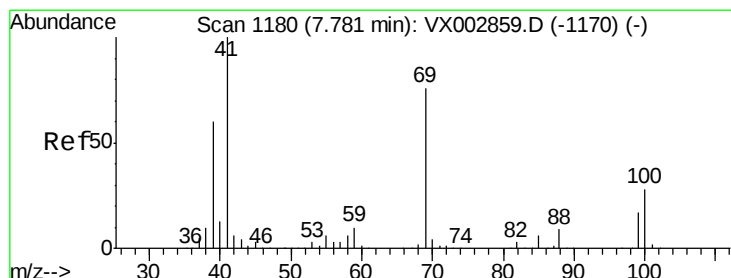
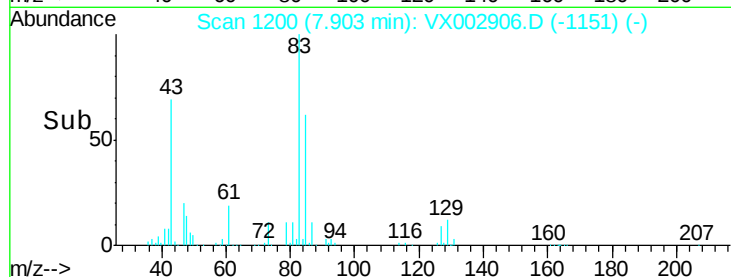
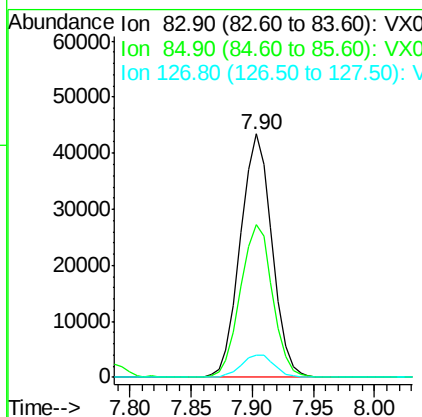
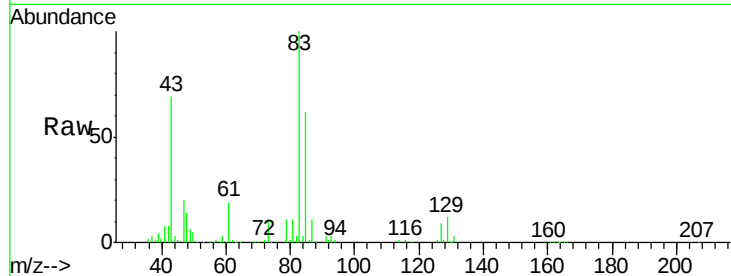
#47
 Bromodichloromethane
 Concen: 20.02 ug/l
 RT: 7.90 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: VX002906.D
 Acq: 26 Jun 2018 21:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0626MBS02

Tot Ion	83	Resp	78069
Ion Ratio	100	Lower	Upper
83	100		
85	62.5	50.3	75.5
127	9.0	7.0	10.4

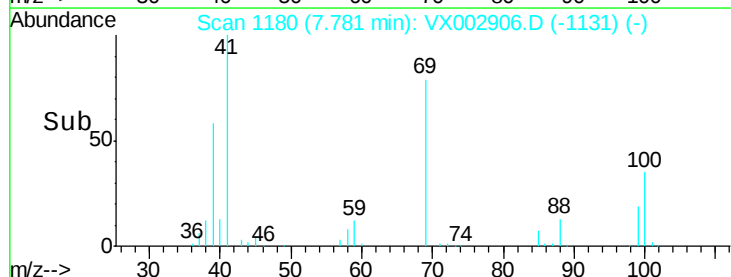
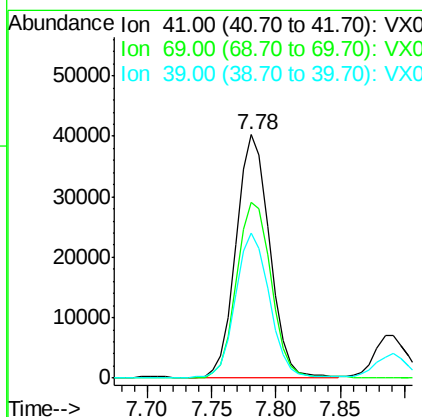
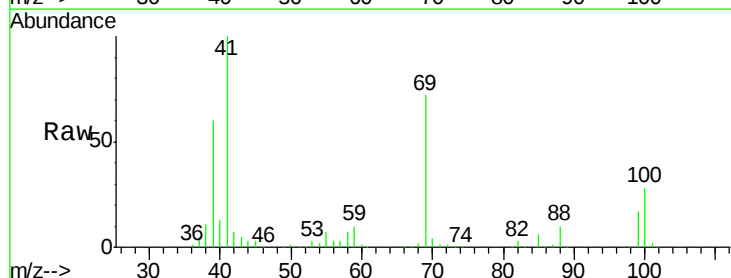
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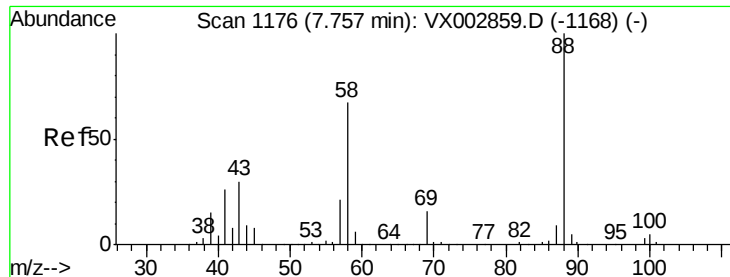
MMDadoda
 6/28/2018 3:12:09 PM



#48
 Methyl methacrylate
 Concen: 19.69 ug/l
 RT: 7.78 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VX002906.D
 Acq: 26 Jun 2018 21:04

Tgt Ion	41	Resp	72280
Ion Ratio	100	Lower	Upper
41	100		
69	75.6	59.1	88.7
39	59.9	48.9	73.3





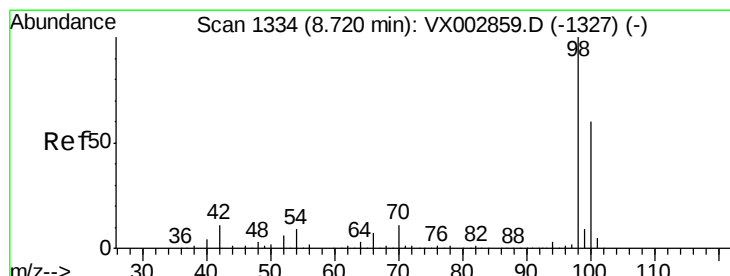
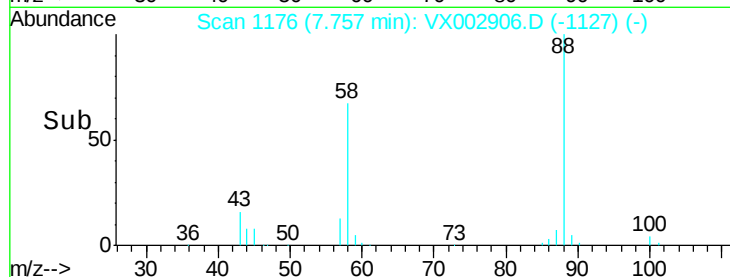
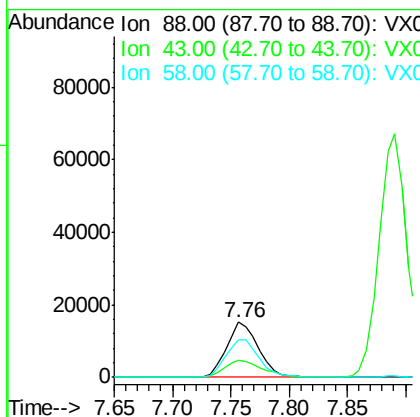
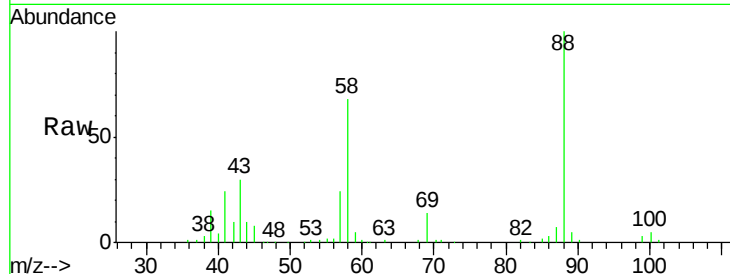
#49
1,4-Dioxane
Concen: 403.98 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. 0.00 min
Lab File: VX002906.D
Acq: 26 Jun 2018 21:04

Instrument :
MSVOA_X
ClientSampleId :
VX0626MBSD02

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.6	29.8	44.6
58	70.7	57.1	85.7

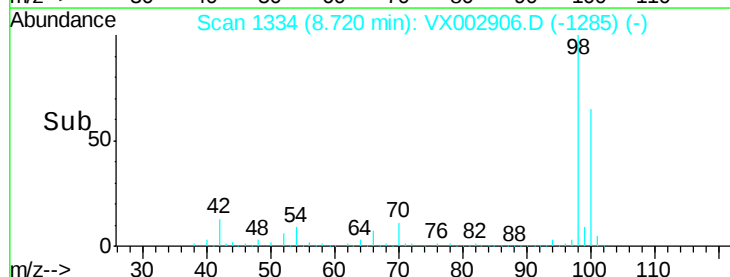
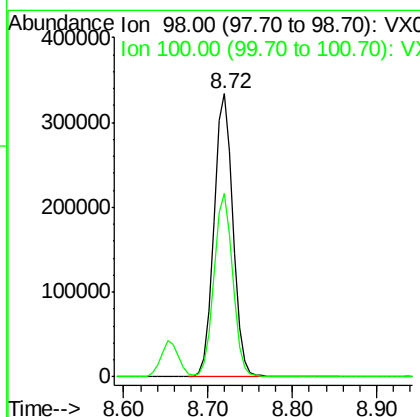
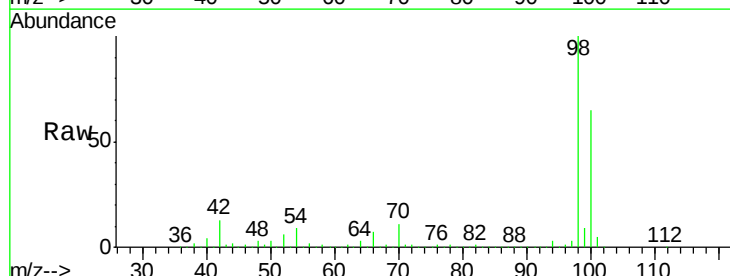
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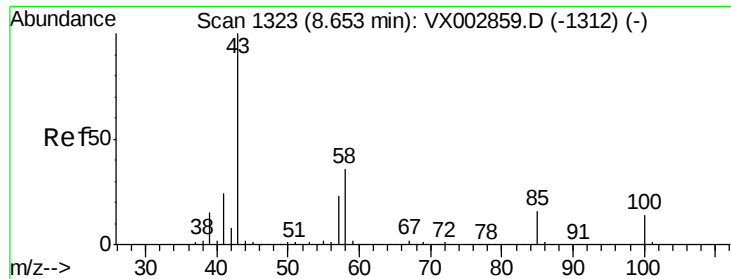
MMDadoda
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#50
Toluene-d8
Concen: 50.13 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002906.D
Acq: 26 Jun 2018 21:04

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 102.63 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX002906.D

Acq: 26 Jun 2018 21:04

Instrument :

MSVOA_X

ClientSampleId :

VX0626MBSD02

Tot Ion: 43 Resp: 457358

Ion Ratio Lower Upper

43 100

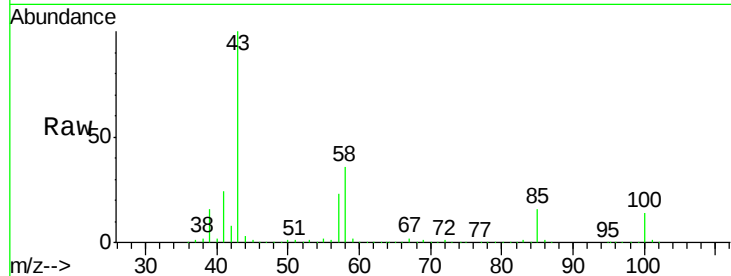
58 36.1 28.6 42.8

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

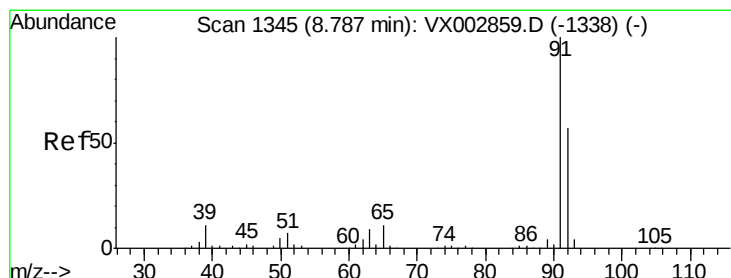
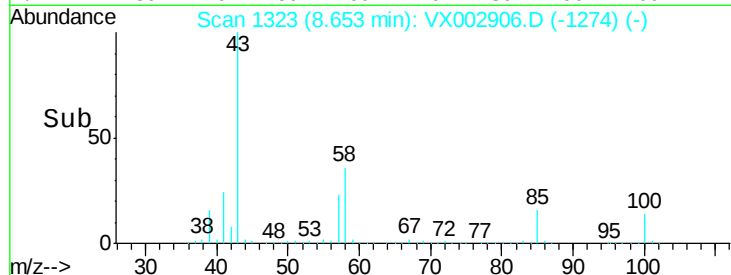
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 19.49 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX002906.D

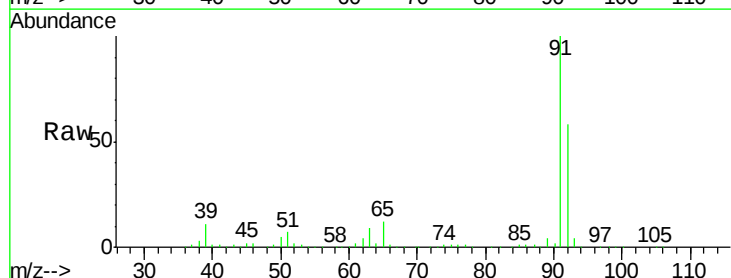
Acq: 26 Jun 2018 21:04

Tgt Ion: 92 Resp: 143082

Ion Ratio Lower Upper

92 100

91 175.9 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

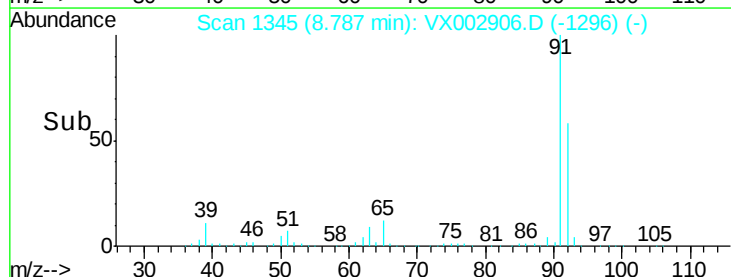
150000

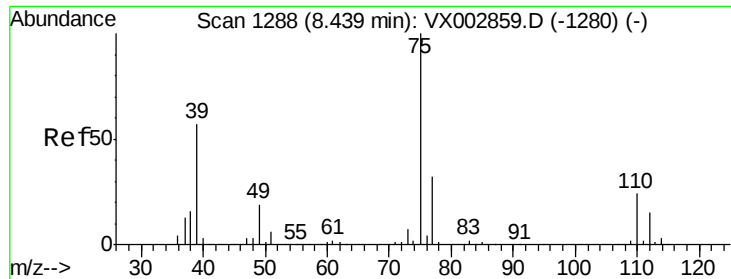
100000

50000

0

Time-->





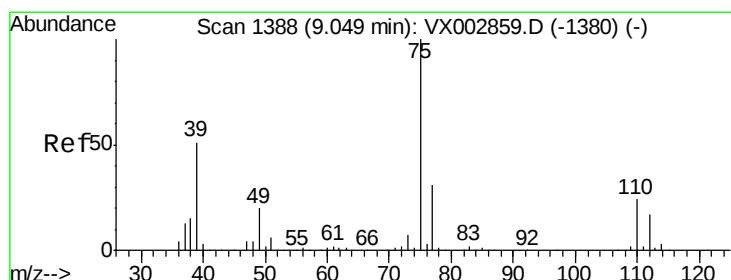
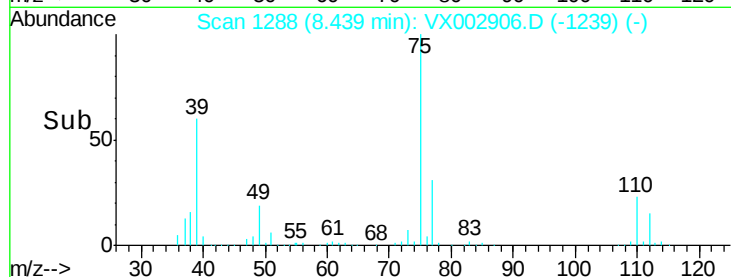
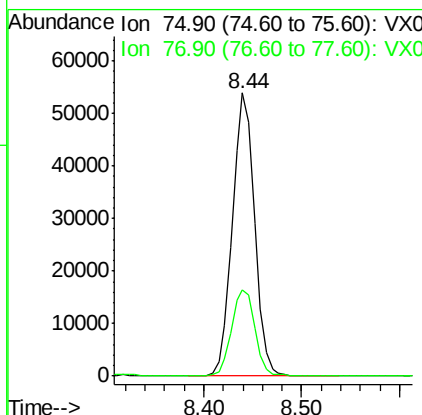
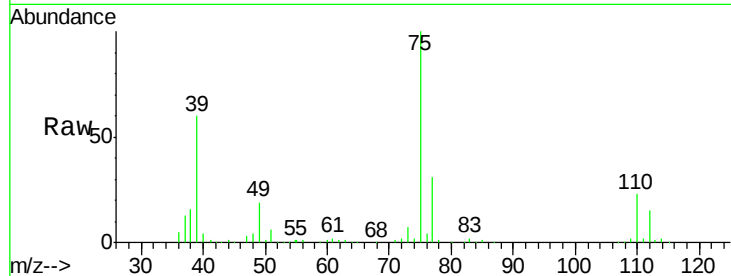
#53
t-1,3-Dichloropropene
Concen: 19.23 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX002906.D
Acq: 26 Jun 2018 21:04

Instrument :
MSVOA_X
ClientSampleId :
VX0626MBSD02

Tot Ion: 75 Resp: 84956
Ion Ratio Lower Upper
75 100
77 30.6 25.4 38.2

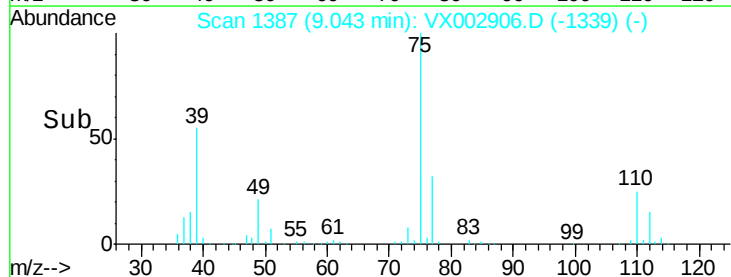
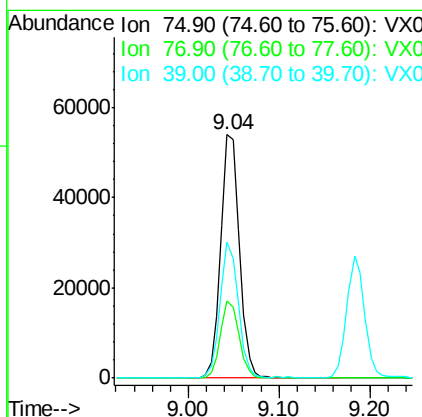
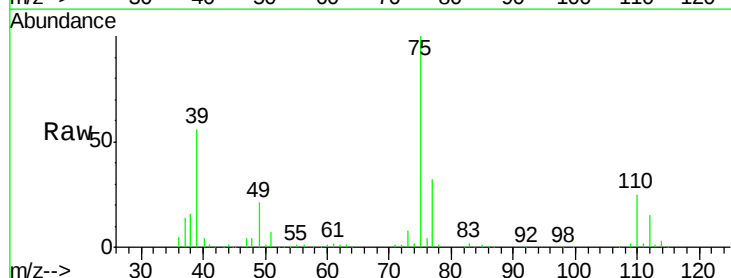
Manual Integrations
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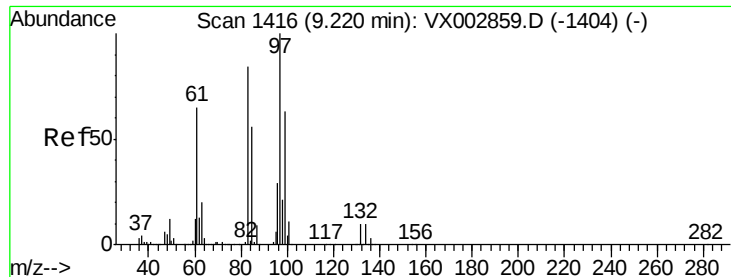
MMDadoda
6/28/2018 3:12:09 PM



#54
cis-1,3-Dichloropropene
Concen: 18.40 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. -0.01 min
Lab File: VX002906.D
Acq: 26 Jun 2018 21:04

Tgt Ion: 75 Resp: 78206
Ion Ratio Lower Upper
75 100
77 31.7 24.8 37.2
39 55.6 42.4 63.6





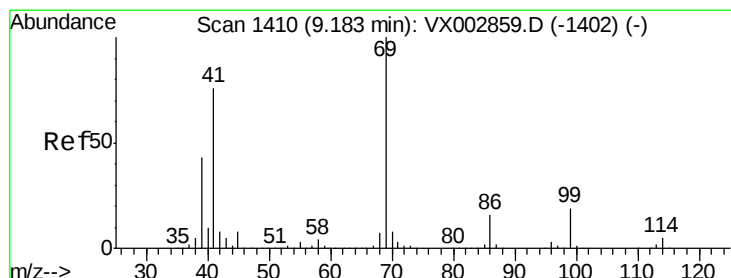
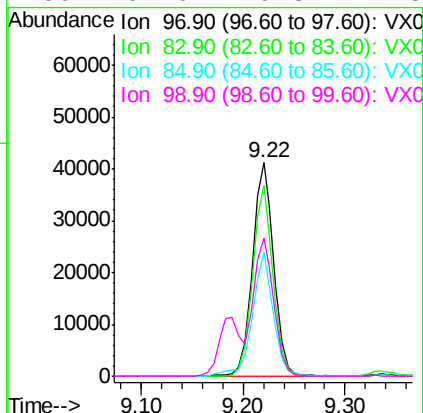
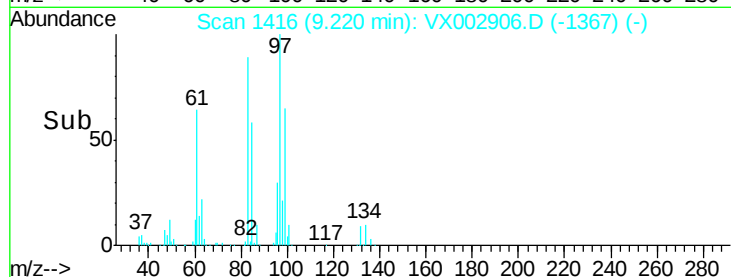
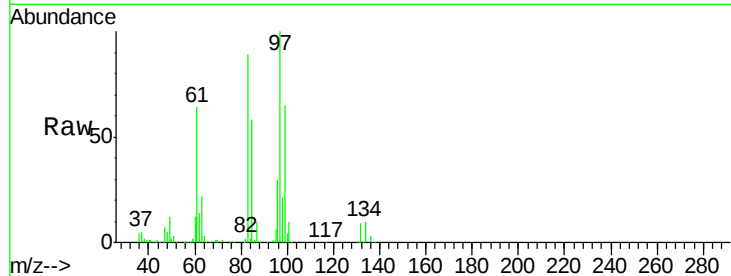
#55
 1,1,2-Trichloroethane
 Concen: 19.90 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX002906.D
 Acq: 26 Jun 2018 21:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0626MBSD02

Tot Ion	97	Resp	60028
Ion	Ratio	Lower	Upper
97	100		
83	89.1	70.2	105.2
85	57.9	44.9	67.3
99	64.6	49.8	74.8

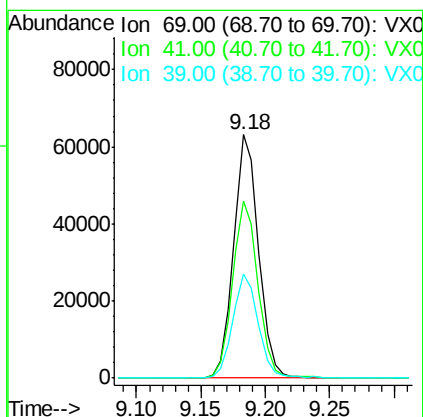
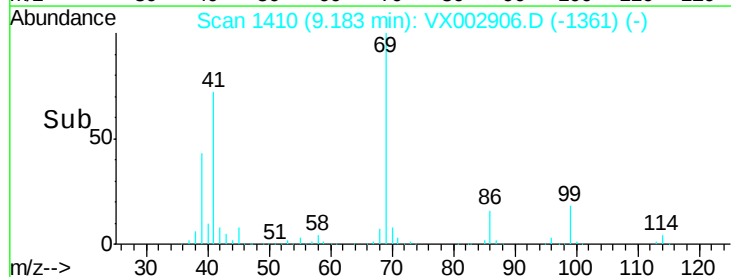
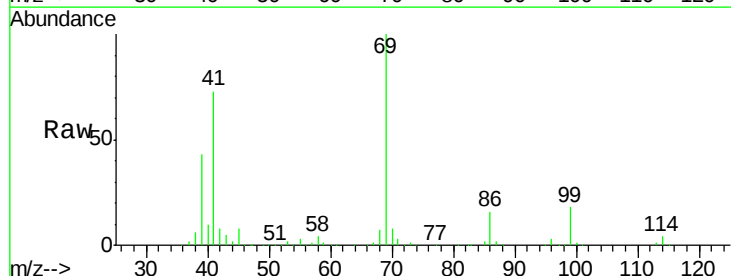
Manual Integrations
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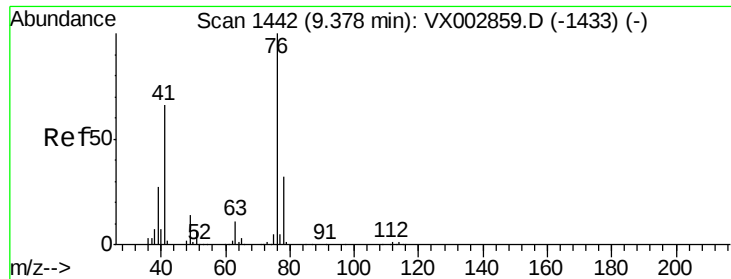
MMDadoda
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#56
 Ethyl methacrylate
 Concen: 19.38 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX002906.D
 Acq: 26 Jun 2018 21:04

Tgt Ion	69	Resp	85464
Ion	Ratio	Lower	Upper
69	100		
41	73.9	60.3	90.5
39	43.1	35.8	53.8





#57

1,3-Dichloropropane

Concen: 19.88 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VX002906.D

Acq: 26 Jun 2018 21:04

Instrument :

MSVOA_X

ClientSampleId :

VX0626MBSD02

Tot Ion: 76 Resp: 98488

Ion Ratio Lower Upper

76 100

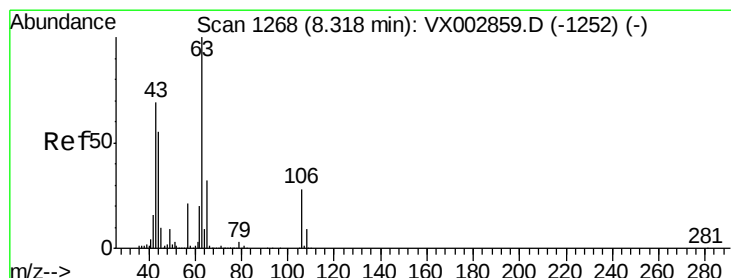
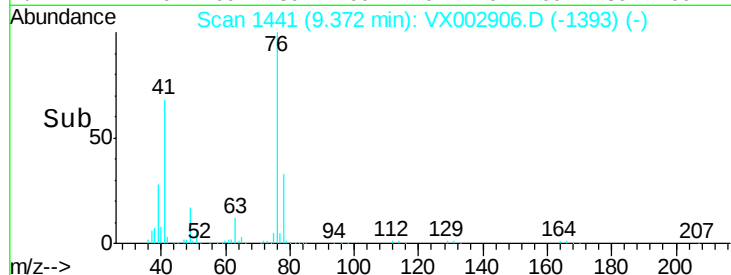
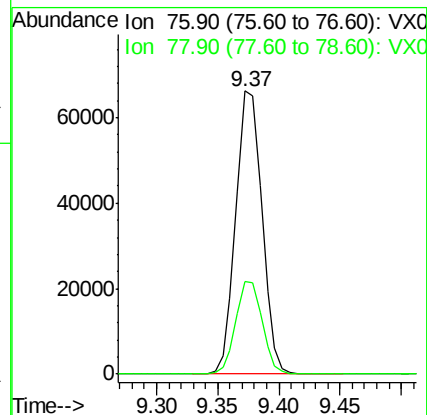
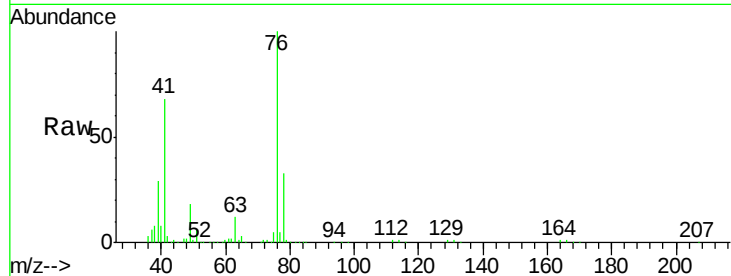
78 32.9 25.8 38.6

Manual Integrations

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6/28/2018 3:12:09 PM



#58

2-Chloroethyl Vinyl ether

Concen: 101.98 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX002906.D

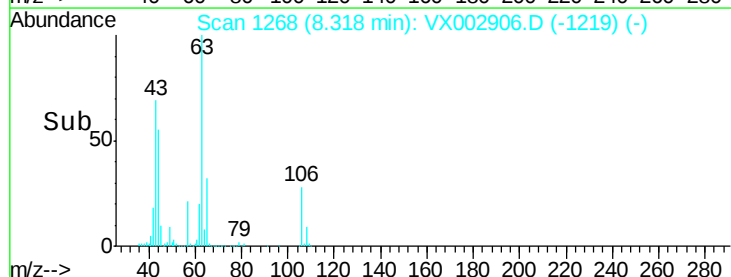
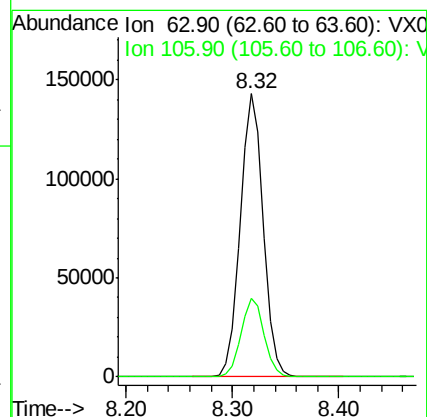
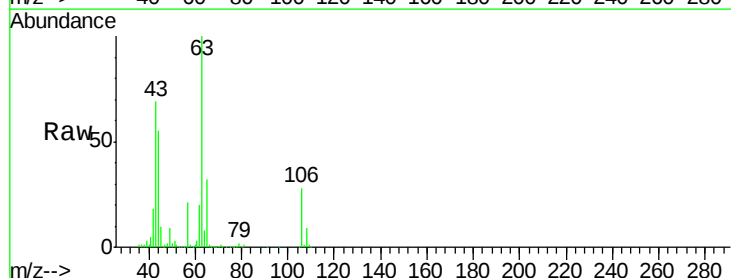
Acq: 26 Jun 2018 21:04

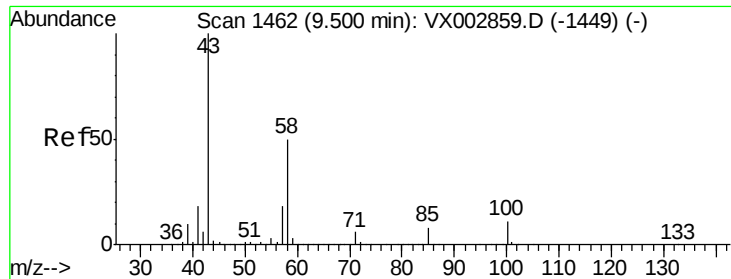
Tgt Ion: 63 Resp: 216934

Ion Ratio Lower Upper

63 100

106 27.9 21.8 32.8





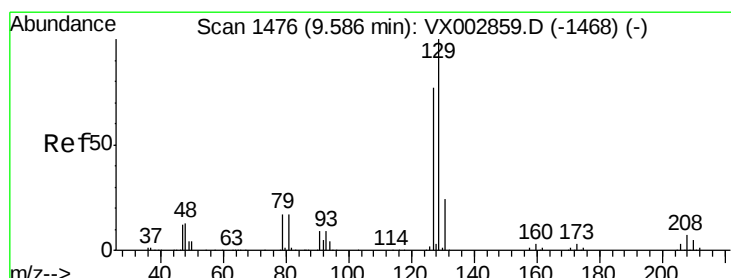
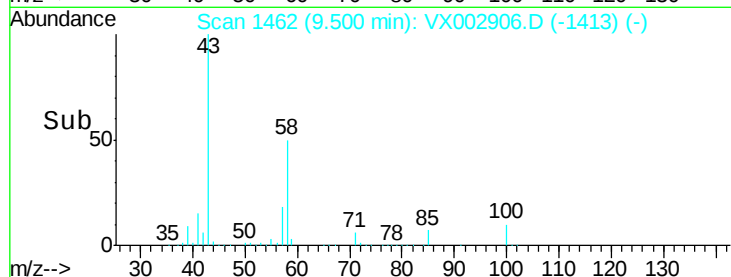
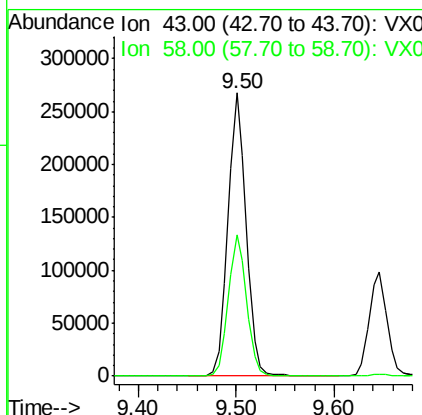
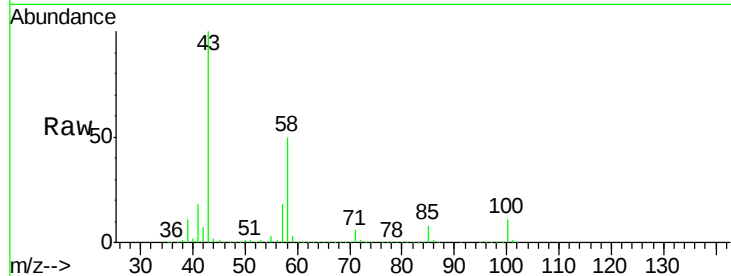
#59
2-Hexanone
Concen: 102.02 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX002906.D
Acq: 26 Jun 2018 21:04

Instrument :
MSVOA_X
ClientSampleId :
VX0626MBSD02

Tot Ion	43	Resp	34525
Ion Ratio	100	Lower	Upper
58	50.1	24.6	73.6

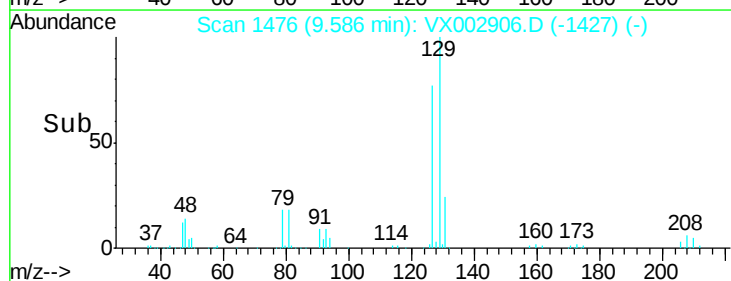
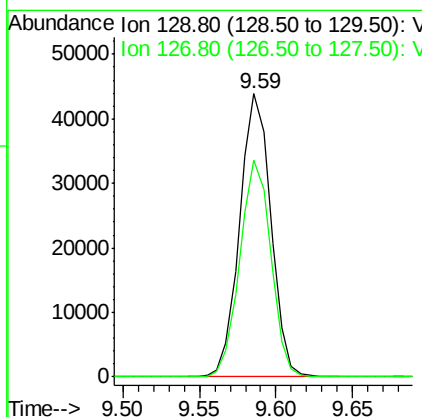
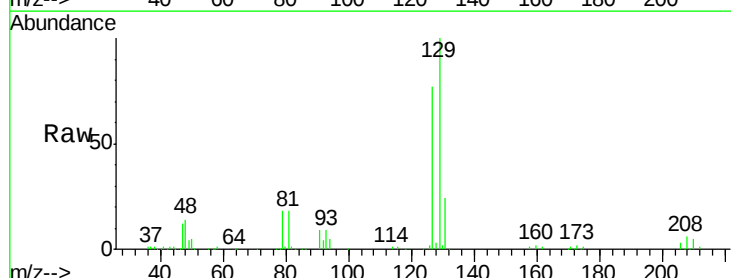
Manual Integrations
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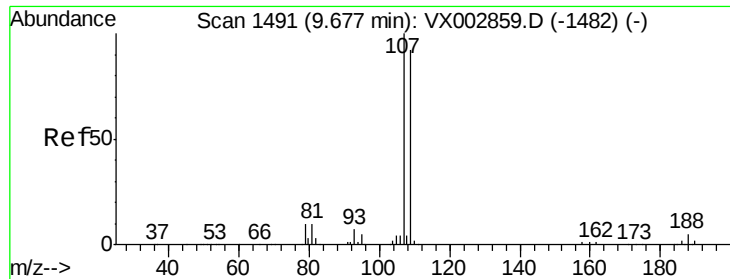
MMDadoda
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#60
Dibromochloromethane
Concen: 19.55 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX002906.D
Acq: 26 Jun 2018 21:04

Tgt Ion	129	Resp	62077
Ion Ratio	100	Lower	Upper
127	76.2	38.5	115.3





#61

1,2-Dibromoethane

Concen: 19.90 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX002906.D

Acq: 26 Jun 2018 21:04

Instrument :

MSVOA_X

ClientSampleId :

VX0626MBSD02

Tot Ion:107 Resp: 62960

Ion Ratio Lower Upper

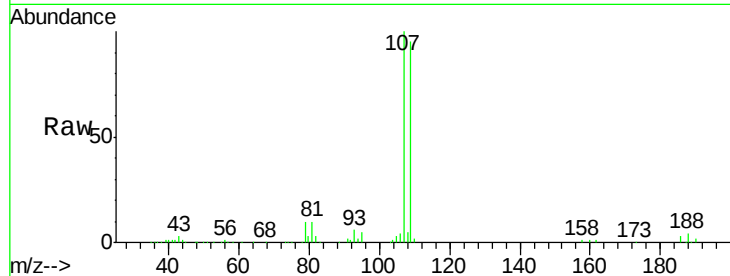
107 100

109 94.3 75.3 112.9

Manual Integrations
APPROVED

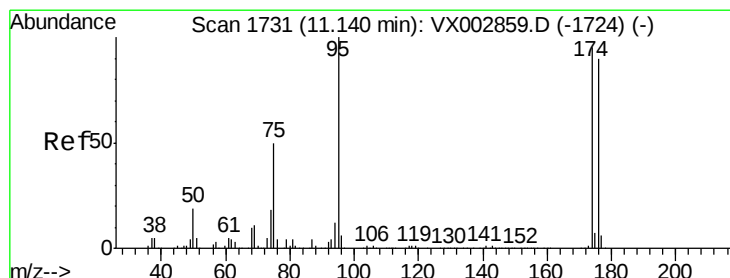
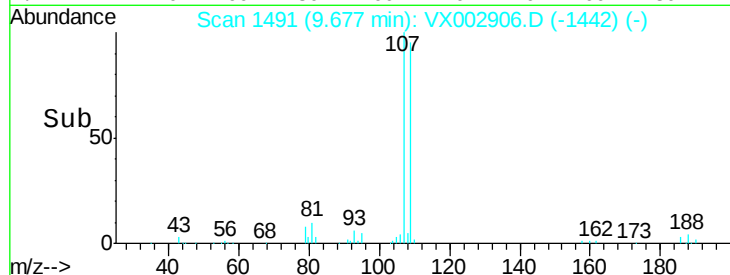
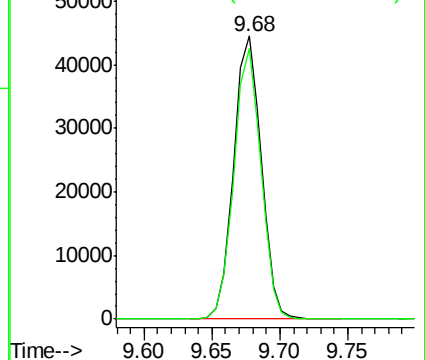
MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.89 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002906.D

Acq: 26 Jun 2018 21:04

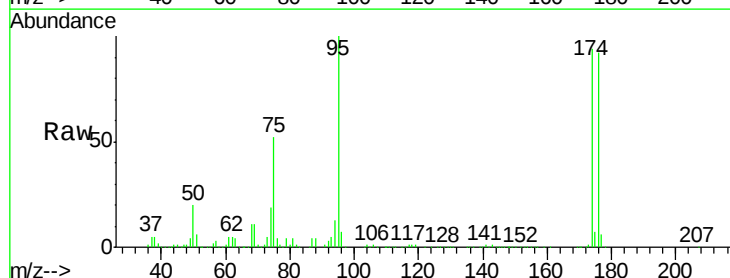
Tgt Ion: 95 Resp: 196130

Ion Ratio Lower Upper

95 100

174 95.8 0.0 187.4

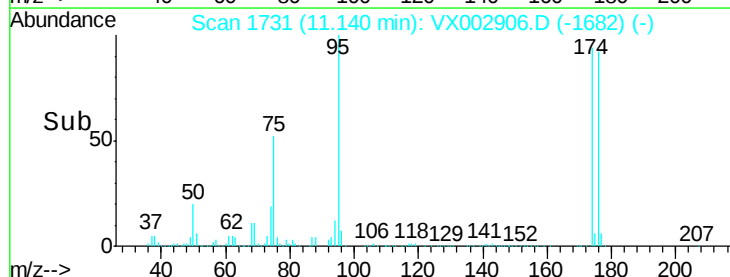
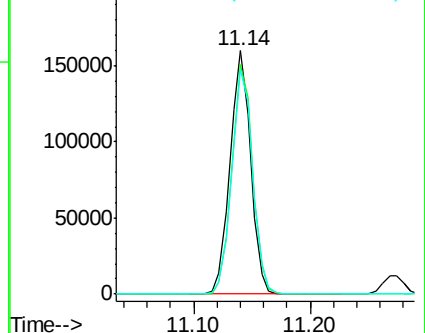
176 94.2 0.0 181.0

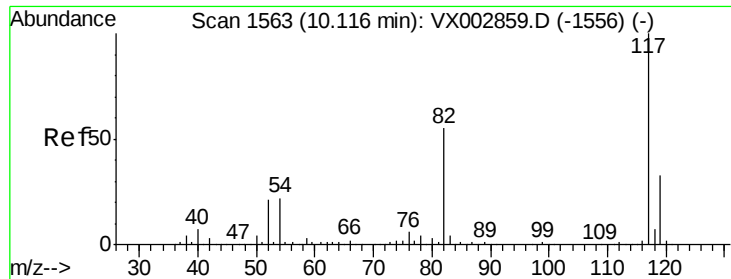


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





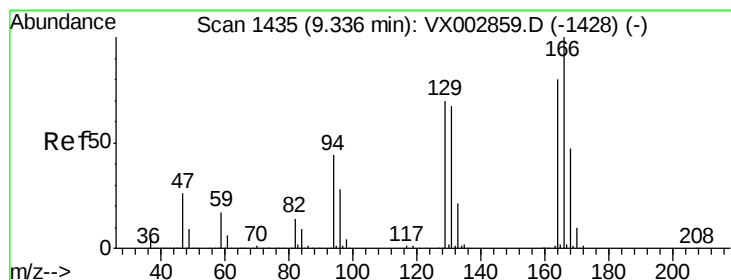
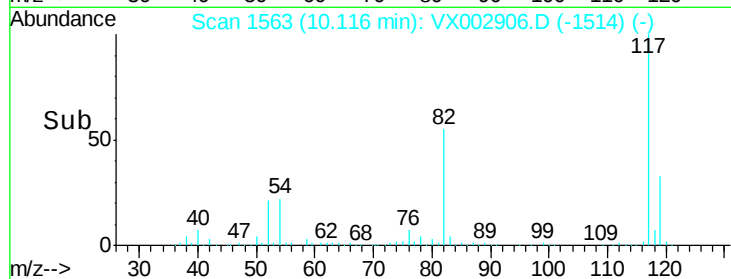
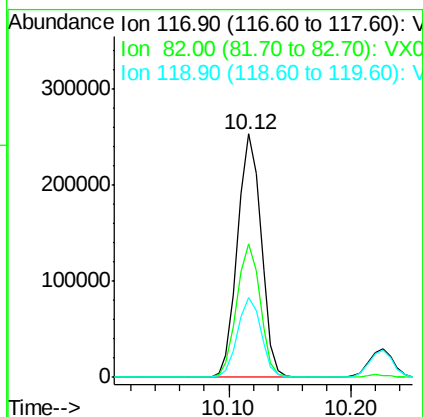
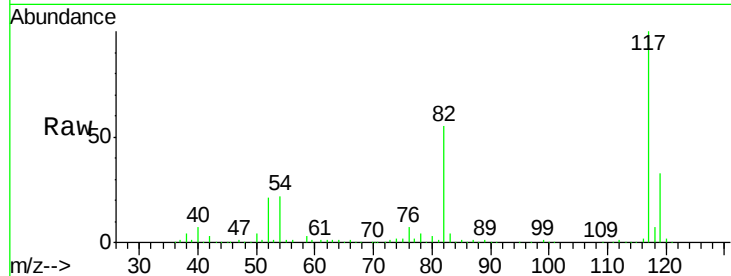
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002906.D
Acq: 26 Jun 2018 21:04

Instrument :
MSVOA_X
ClientSampleId :
VX0626MBSD02

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.8	45.0	67.4
119	32.7	25.8	38.6

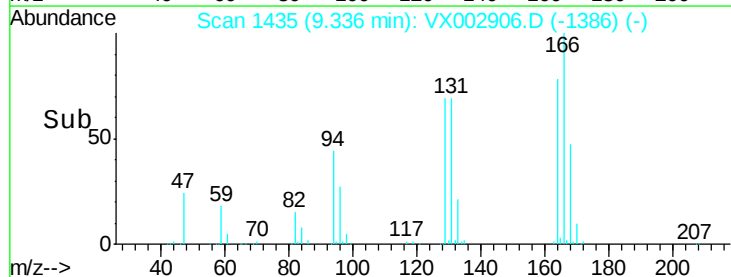
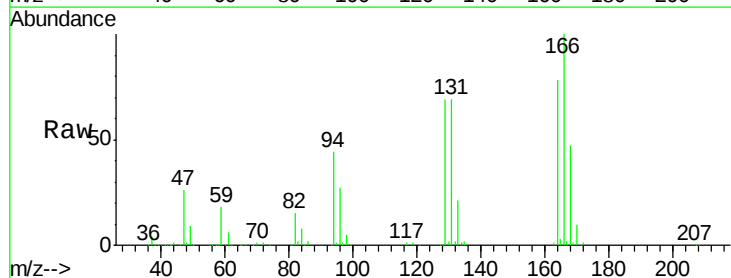
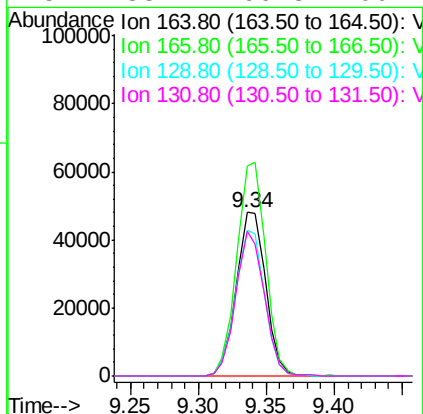
Manual Integrations
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#64
Tetrachloroethene
Concen: 19.21 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX002906.D
Acq: 26 Jun 2018 21:04

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.0	102.9	154.3
129	88.9	68.6	102.8
131	88.1	66.8	100.2





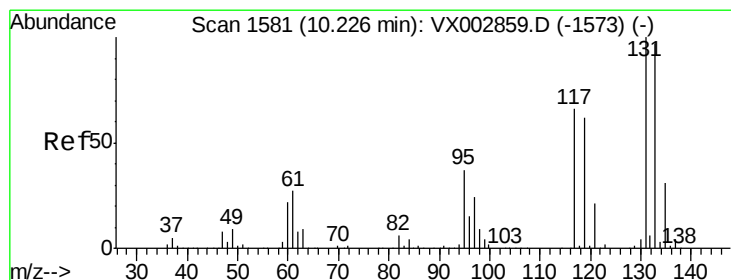
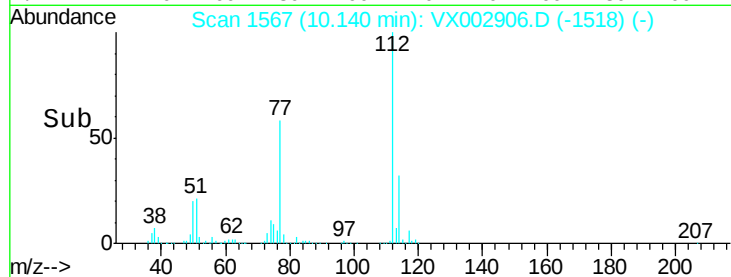
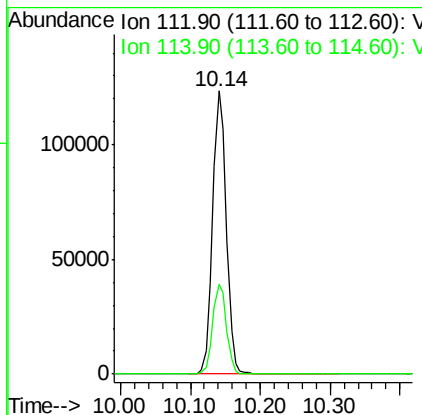
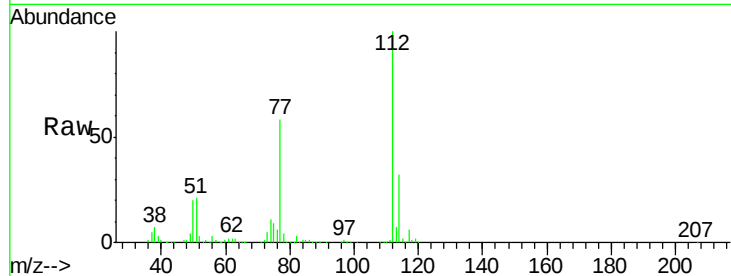
#65
Chlorobenzene
Concen: 19.45 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX002906.D
Acq: 26 Jun 2018 21:04

Instrument :
MSVOA_X
ClientSampled :
VX0626MBS02

Tot Ion:112 Resp: 167900
Ion Ratio Lower Upper
112 100
114 32.0 25.3 37.9

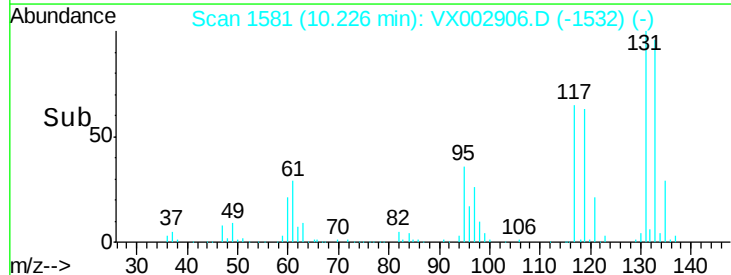
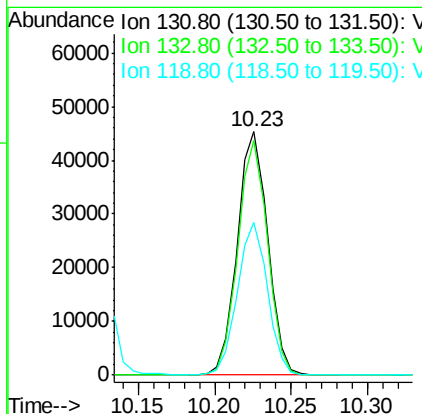
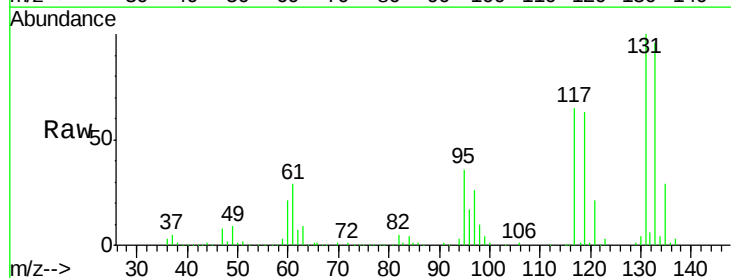
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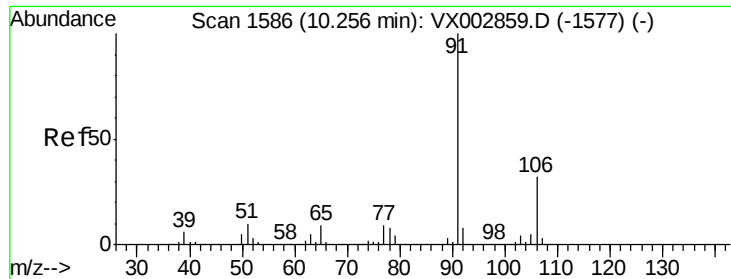
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.90 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX002906.D
Acq: 26 Jun 2018 21:04

Tgt Ion:131 Resp: 62386
Ion Ratio Lower Upper
131 100
133 94.1 47.9 143.6
119 62.0 31.8 95.3





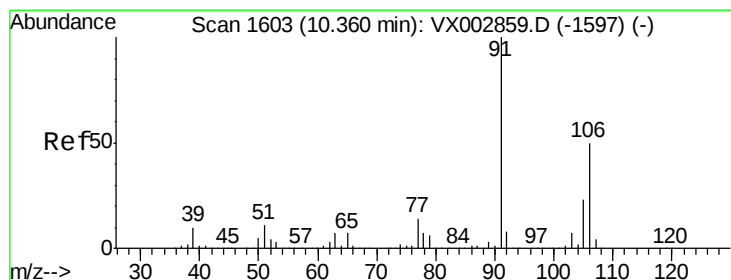
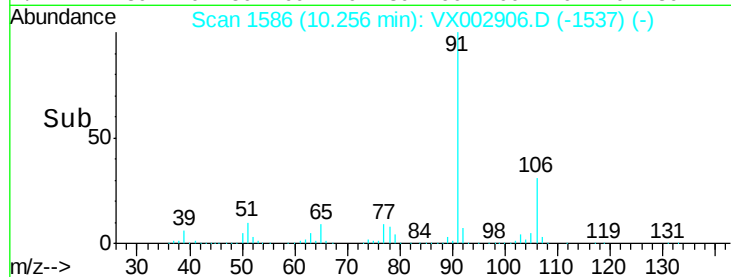
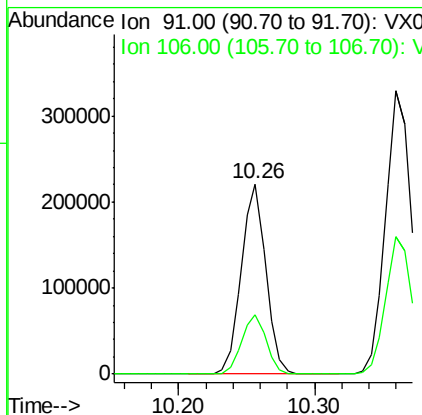
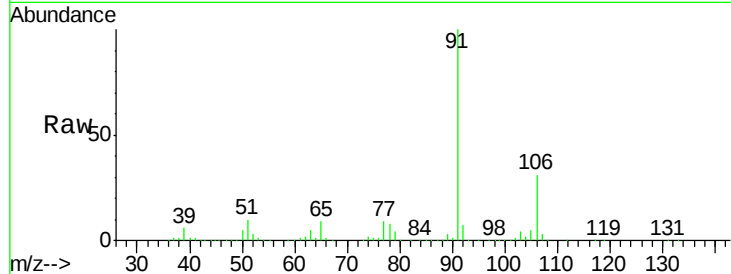
#67
Ethyl Benzene
Concen: 19.48 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX002906.D
Acq: 26 Jun 2018 21:04

Instrument :
MSVOA_X
ClientSampled :
VX0626MBSD02

Tot Ion: 91 Resp: 277709
Ion Ratio Lower Upper
91 100
106 31.3 25.5 38.3

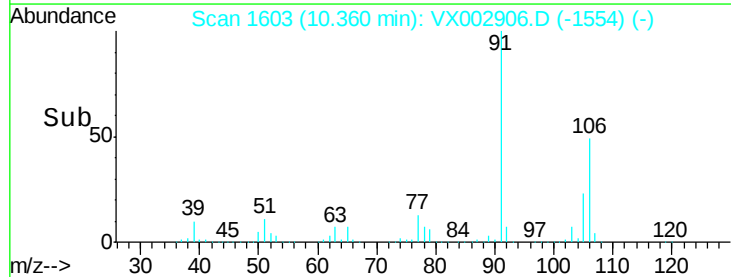
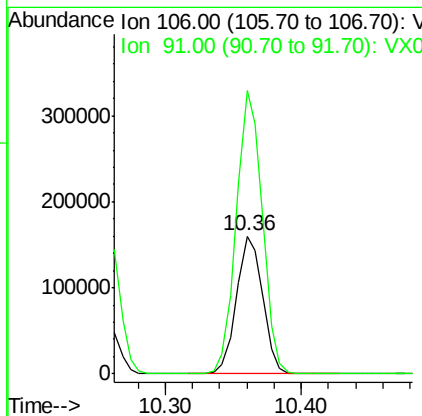
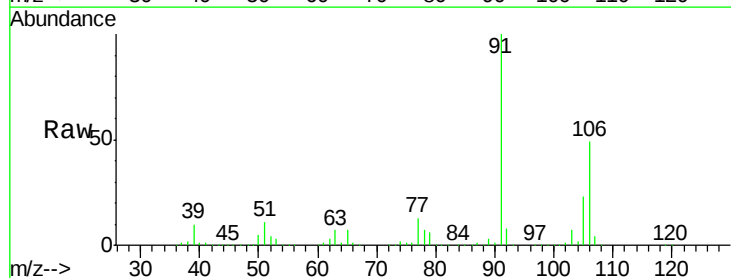
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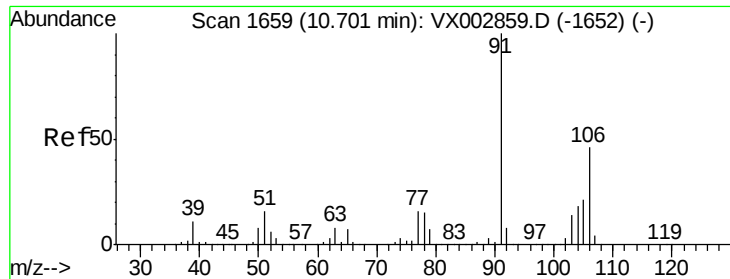
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#68
m/p-Xylenes
Concen: 38.83 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX002906.D
Acq: 26 Jun 2018 21:04

Tgt Ion: 106 Resp: 213364
Ion Ratio Lower Upper
106 100
91 205.2 163.4 245.2





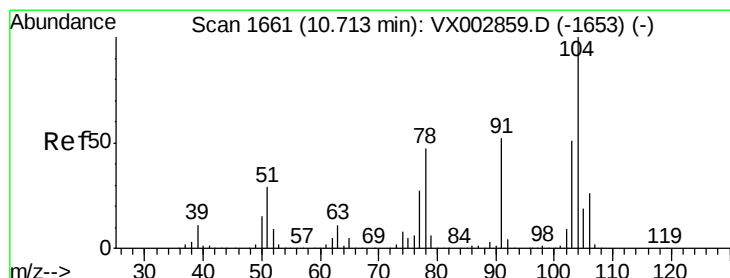
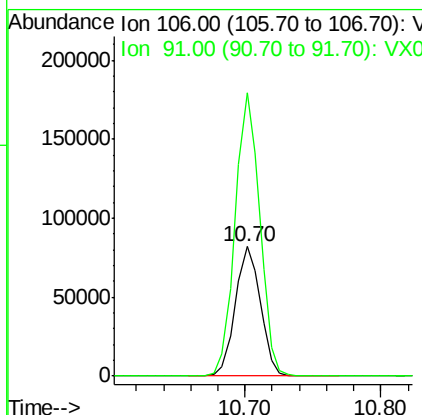
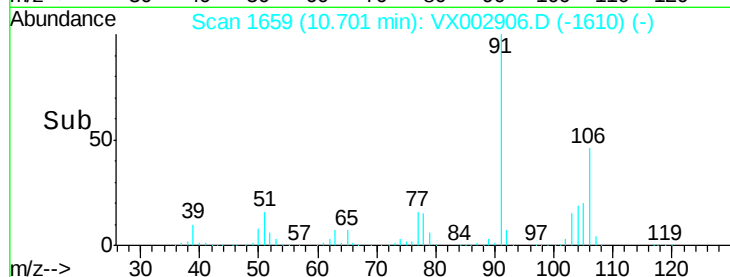
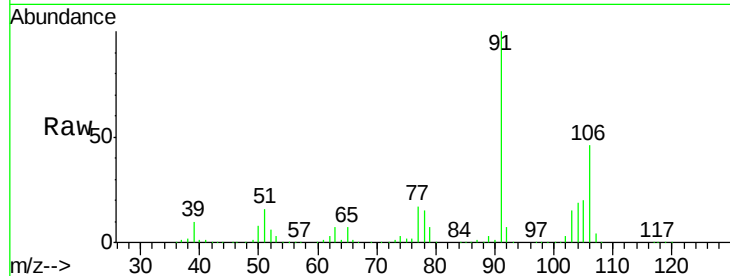
#69
o-Xylene
Concen: 19.68 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX002906.D
Acq: 26 Jun 2018 21:04

Instrument :
MSVOA_X
ClientSampleId :
VX0626MBSD02

Tot Ion:106 Resp: 105292
Ion Ratio Lower Upper
106 100
91 214.6 108.2 324.6

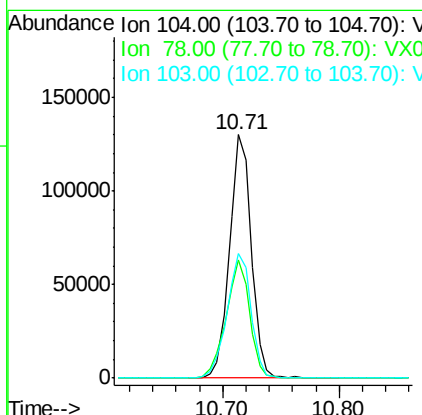
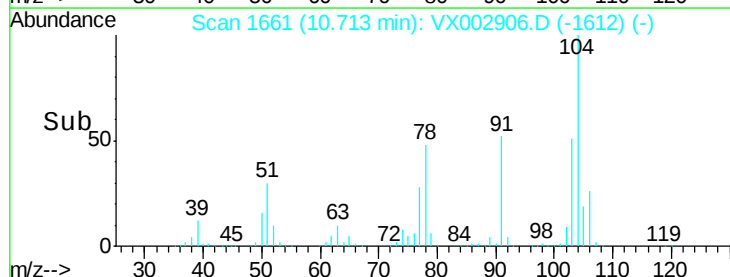
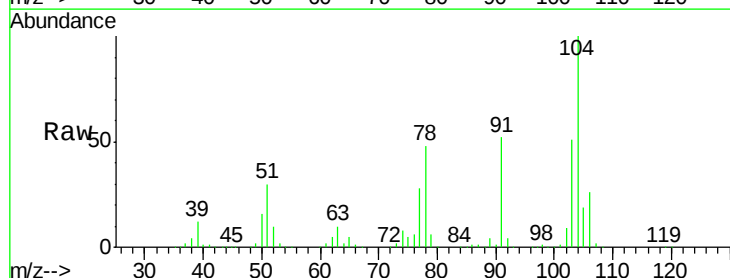
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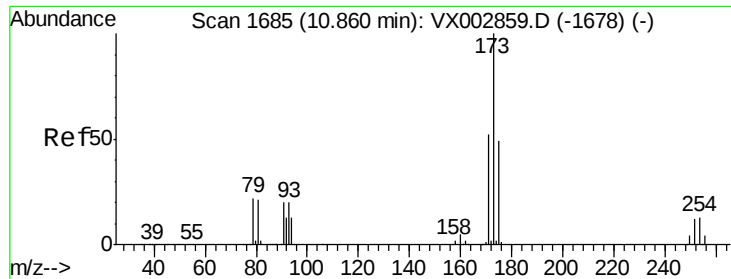
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#70
Styrene
Concen: 19.50 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX002906.D
Acq: 26 Jun 2018 21:04

Tgt Ion:104 Resp: 169511
Ion Ratio Lower Upper
104 100
78 52.2 41.0 61.6
103 56.4 44.2 66.4





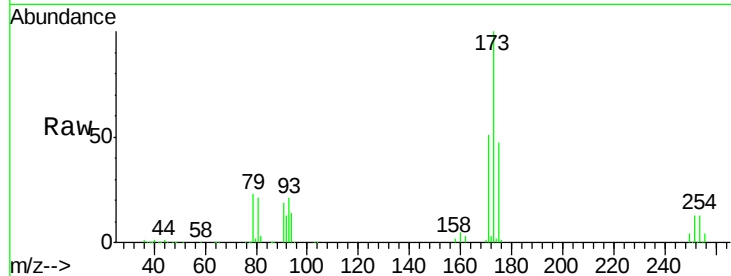
#71
Bromoform
Concen: 19.09 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002906.D
Acq: 26 Jun 2018 21:04

Instrument :
MSVOA_X
ClientSampleId :
VX0626MBSD02

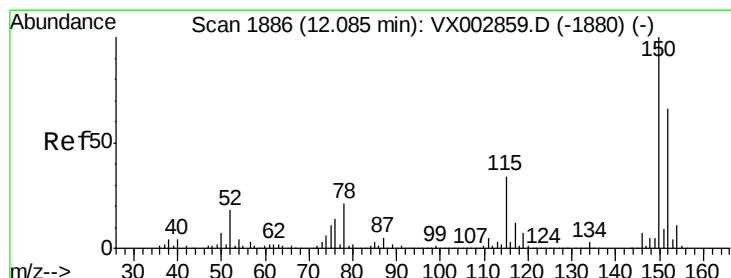
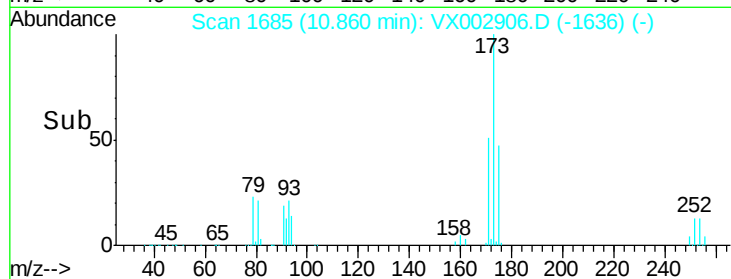
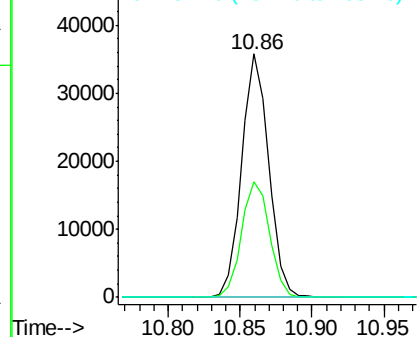
Tot Ion:173 Resp: 46675
Ion Ratio Lower Upper
173 100
175 49.2 24.7 74.1
254 0.2 0.2 0.2#

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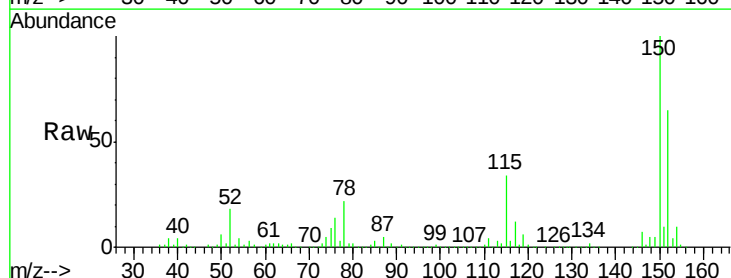


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

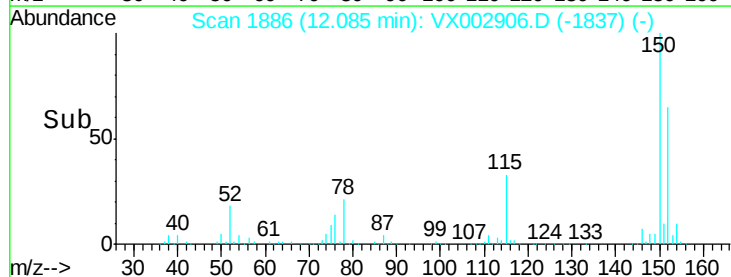
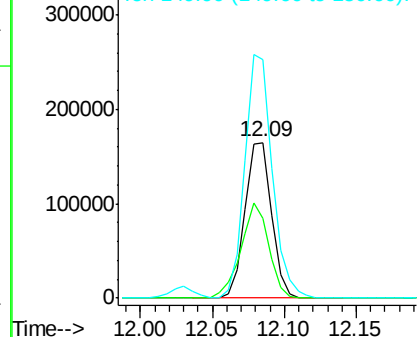


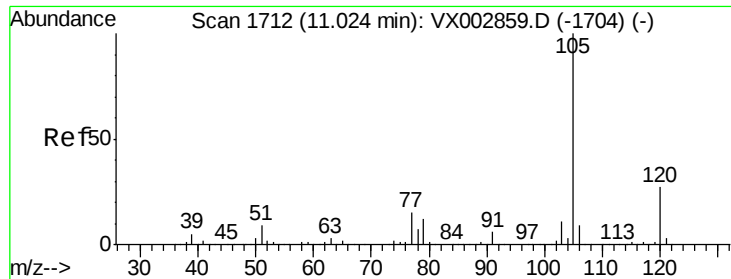
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX002906.D
Acq: 26 Jun 2018 21:04

Tgt Ion:152 Resp: 210536
Ion Ratio Lower Upper
152 100
115 64.2 40.1 120.2
150 162.0 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: 20.07 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.01 min

Lab File: VX002906.D

Acq: 26 Jun 2018 21:04

Instrument :

MSVOA_X

ClientSampleID :

VX0626MBSD02

Tot Ion:105 Resp: 284326

Ion Ratio Lower Upper

105 100

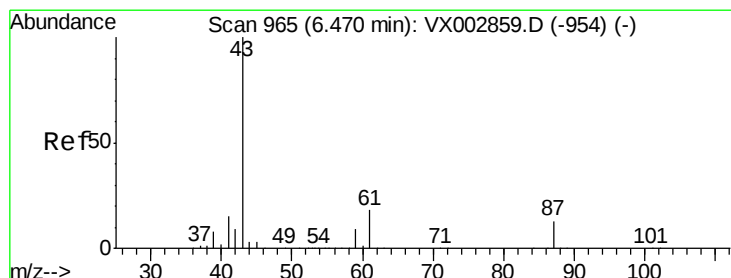
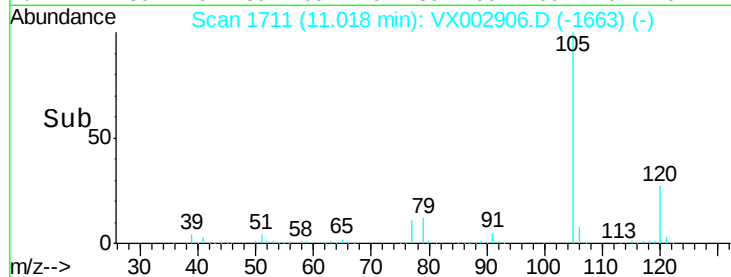
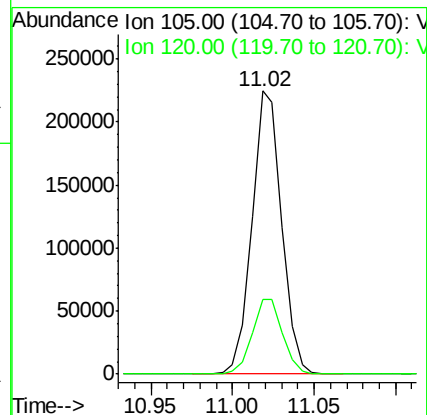
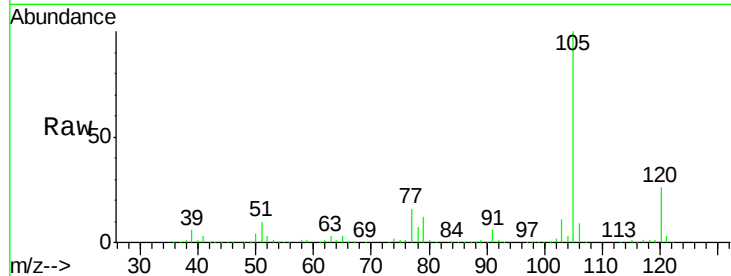
120 27.0 13.5 40.4

Manual Integrations

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#74

N-ethyl acetate

Concen: 20.00 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX002906.D

Acq: 26 Jun 2018 21:04

Tgt Ion: 43 Resp: 138622

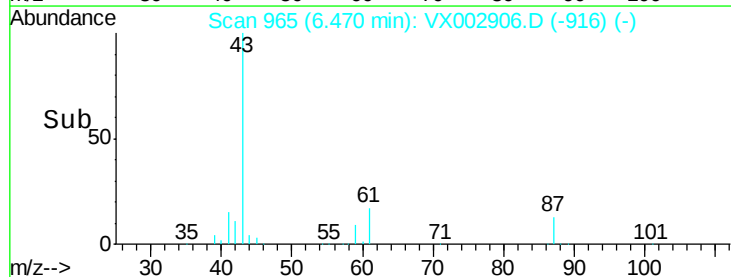
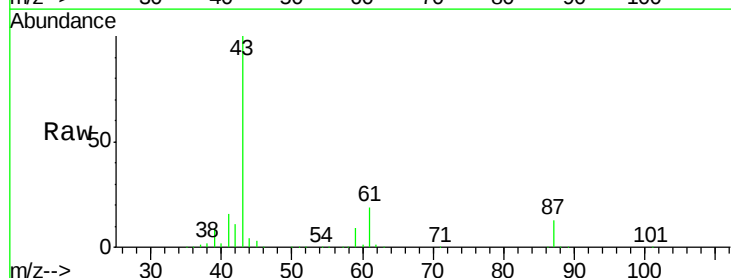
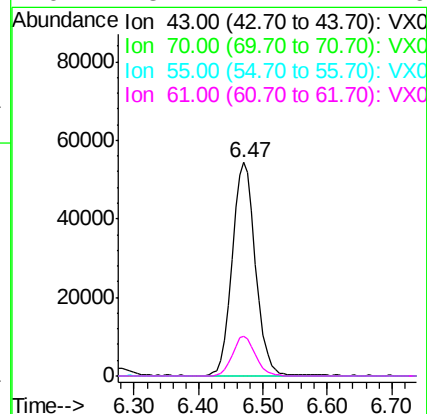
Ion Ratio Lower Upper

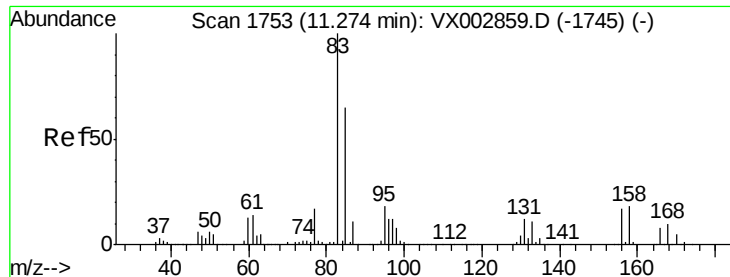
43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 18.2 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 20.66 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.01 min

Lab File: VX002906.D

Acq: 26 Jun 2018 21:04

Instrument :

MSVOA_X

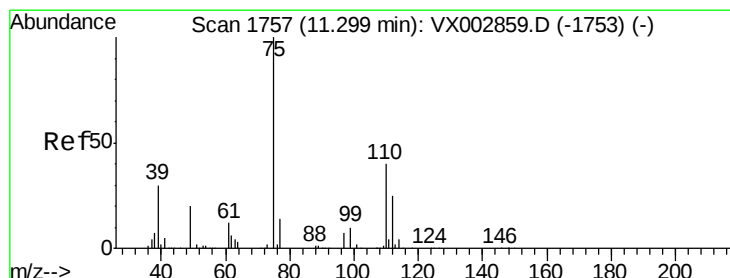
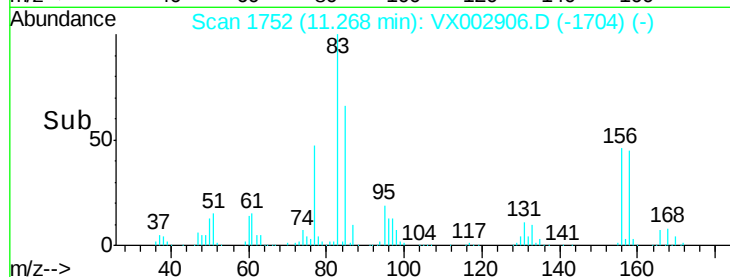
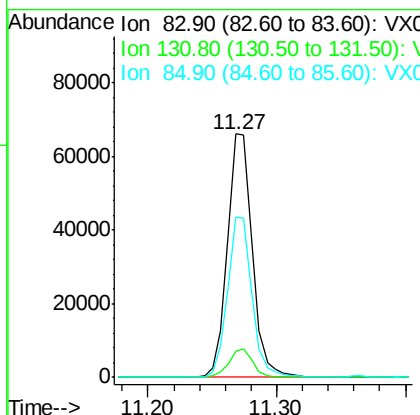
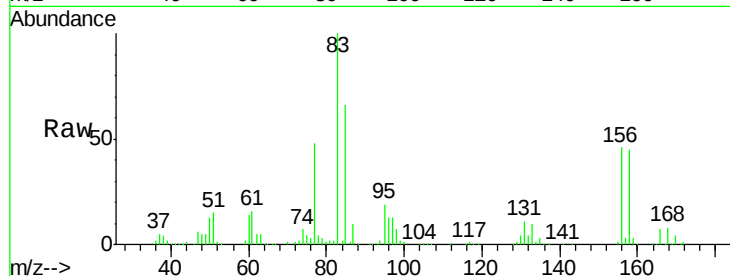
ClientSampleId :

VX0626MBS02

Tot Ion:	83	Resp:	90159
Ion Ratio	Lower	Upper	
83	100		
131	11.3	5.6	16.8
85	64.8	32.4	97.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 23.23 ug/l m

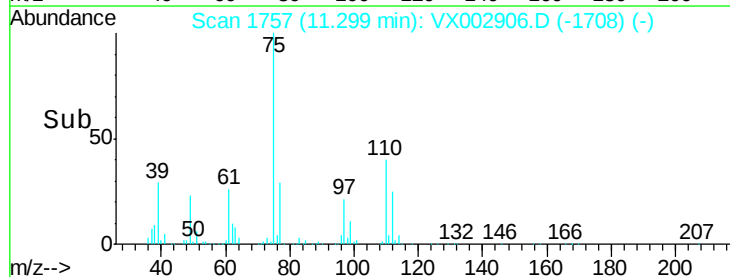
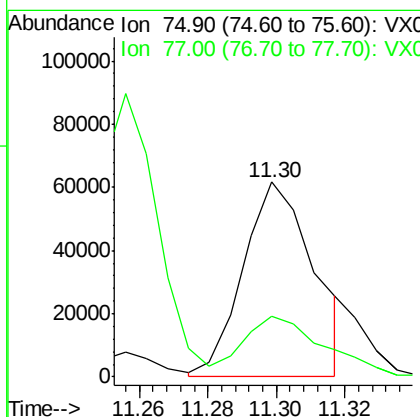
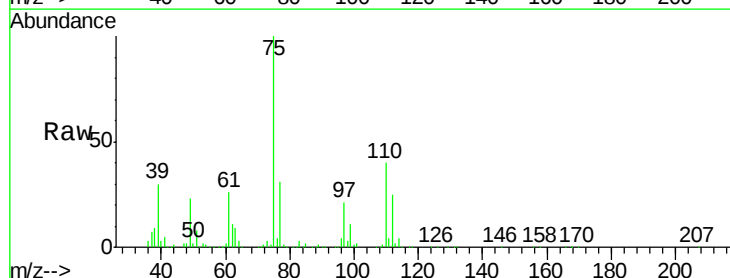
RT: 11.30 min Scan# 1757

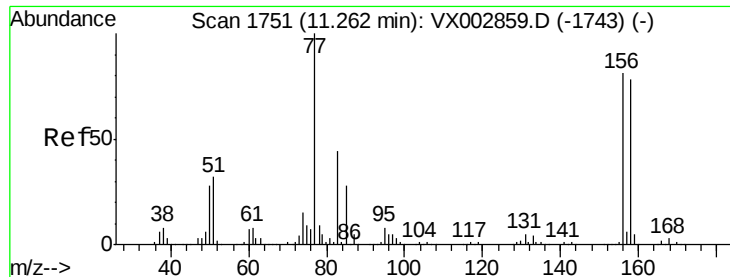
Delta R.T. 0.00 min

Lab File: VX002906.D

Acq: 26 Jun 2018 21:04

Tgt Ion:	75	Resp:	88579
Ion Ratio	Lower	Upper	
75	100		
77	36.1	22.8	68.3





#77

Bromobenzene

Concen: 19.82 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX002906.D

Acq: 26 Jun 2018 21:04

Instrument :

MSVOA_X

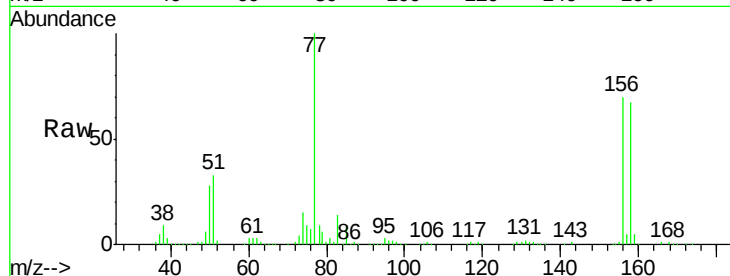
ClientSampleId :

VX0626MBSD02

Tot Ion:	156	Resp:	79955
Ion Ratio	Lower	Upper	
156	100		
77	141.7	71.4	214.2
158	98.1	48.9	146.6

Manual Integrations
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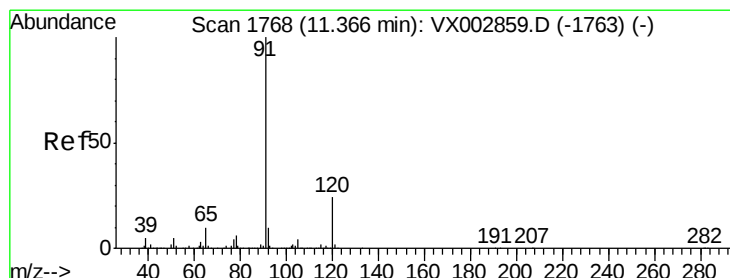
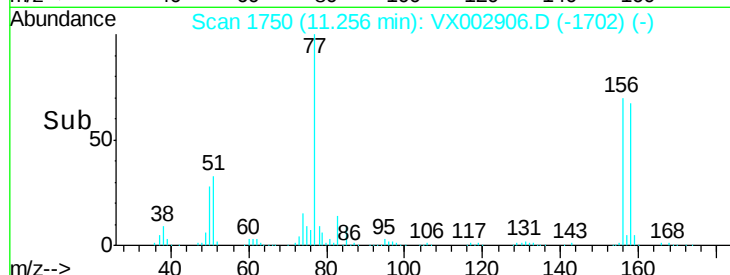
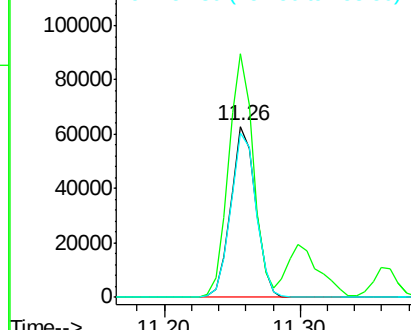
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.91 ug/l

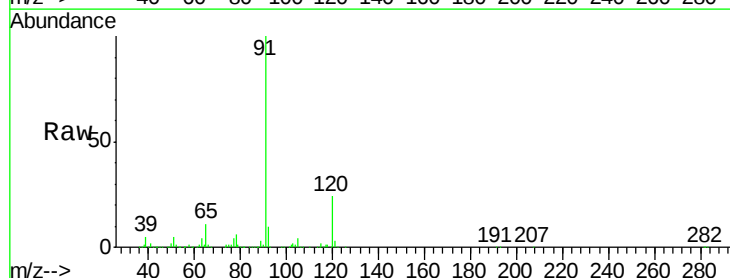
RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX002906.D

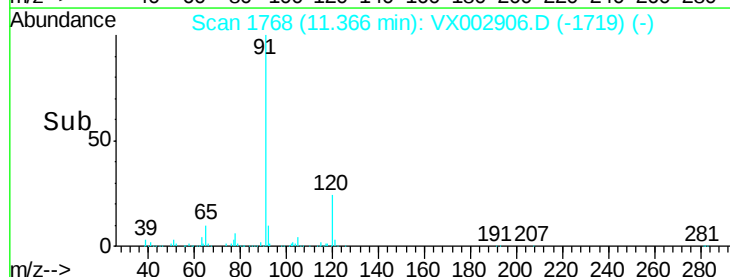
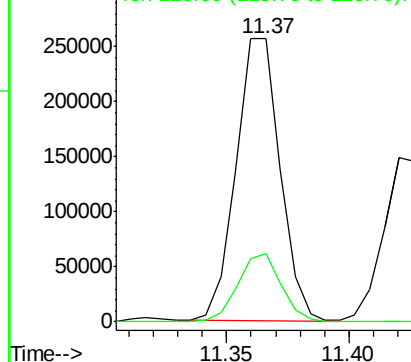
Acq: 26 Jun 2018 21:04

Tgt Ion:	91	Resp:	320964
Ion Ratio	Lower	Upper	
91	100		
120	23.9	11.8	35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





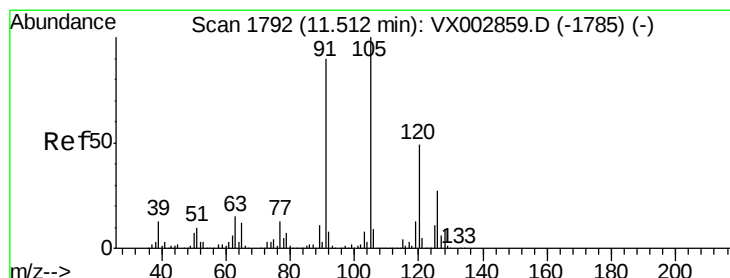
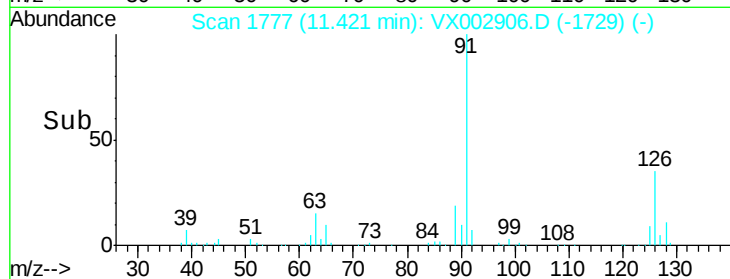
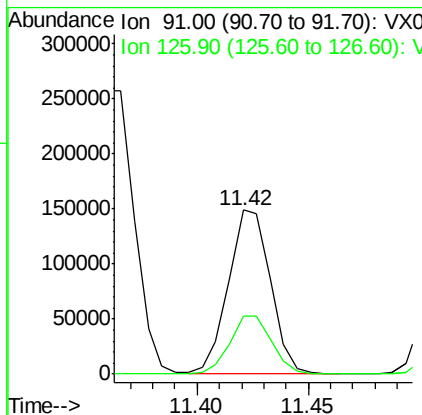
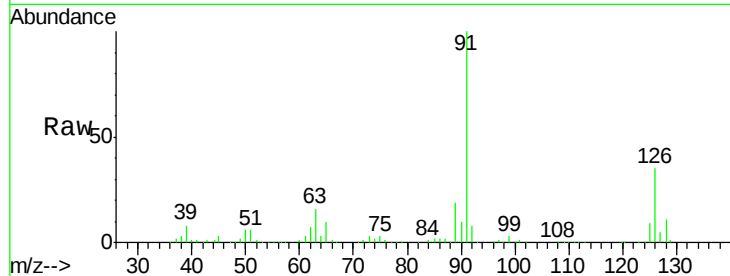
#79
 2-Chlorotoluene
 Concen: 19.99 ug/l
 RT: 11.42 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: VX002906.D
 Acq: 26 Jun 2018 21:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0626MBSD02

Tot Ion: 91 Resp: 195128
 Ion Ratio Lower Upper
 91 100
 126 35.9 17.7 53.1

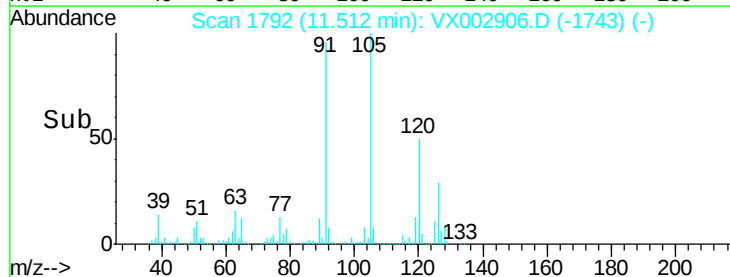
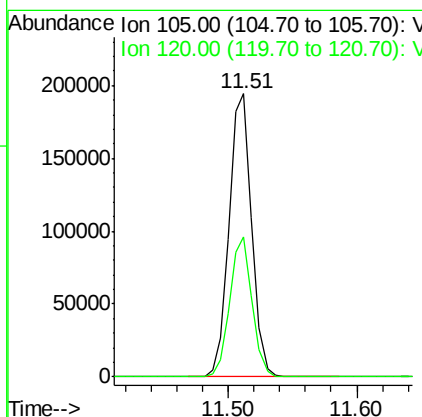
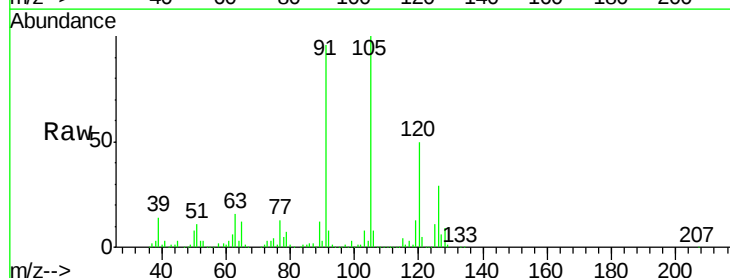
Manual Integrations
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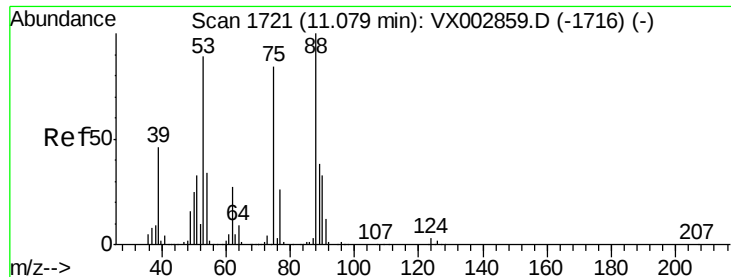
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#80
 1,3,5-Trimethylbenzene
 Concen: 20.03 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX002906.D
 Acq: 26 Jun 2018 21:04

Tgt Ion: 105 Resp: 238894
 Ion Ratio Lower Upper
 105 100
 120 48.8 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 17.90 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX002906.D

Acq: 26 Jun 2018 21:04

Instrument :

MSVOA_X

ClientSampleId :

VX0626MBS02

Tot Ion: 75 Resp: 20492

Ion Ratio Lower Upper

75 100

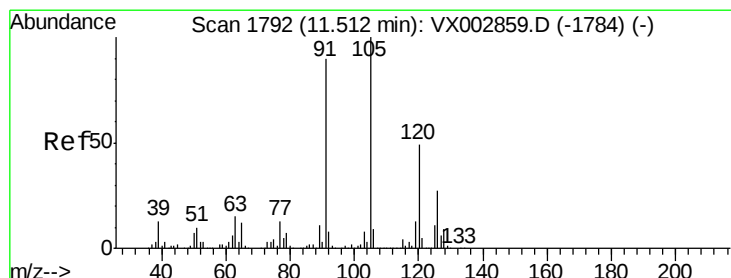
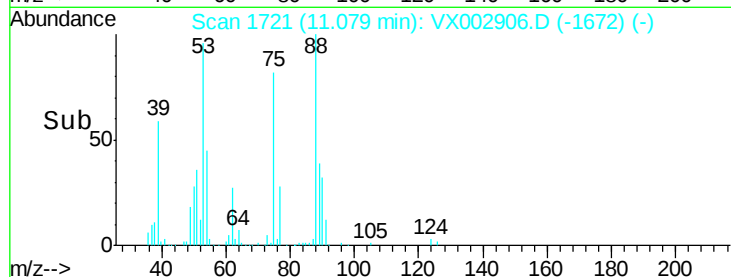
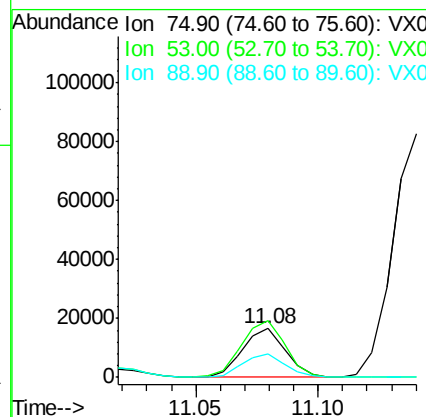
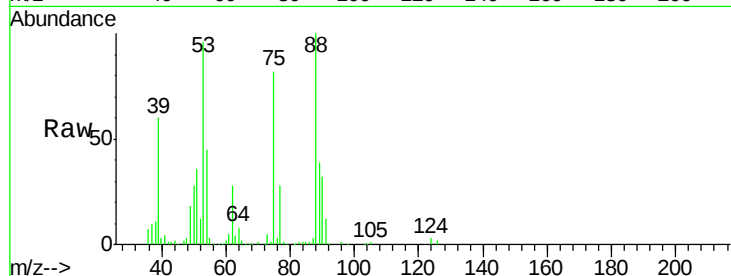
53 117.2 86.8 130.2

89 47.9 38.2 57.2

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.92 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002906.D

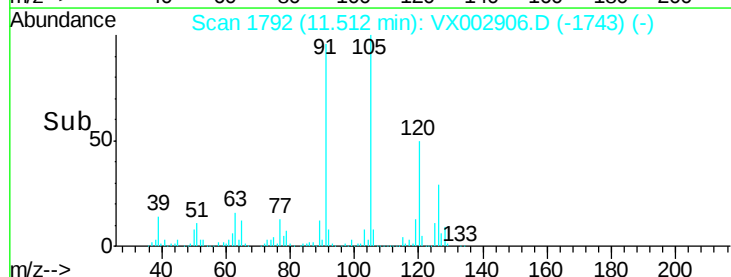
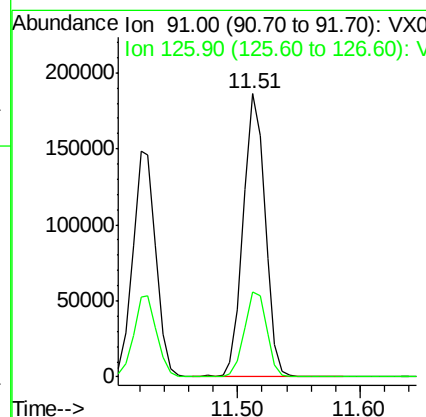
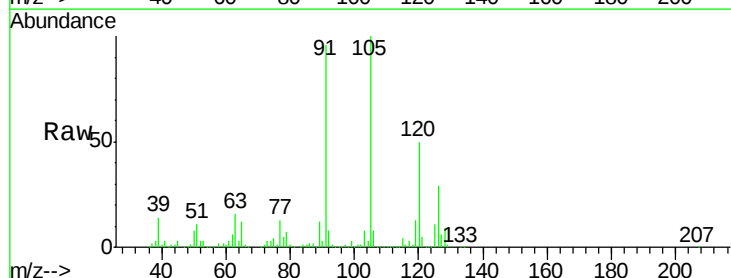
Acq: 26 Jun 2018 21:04

Tgt Ion: 91 Resp: 230162

Ion Ratio Lower Upper

91 100

126 30.7 15.4 46.4





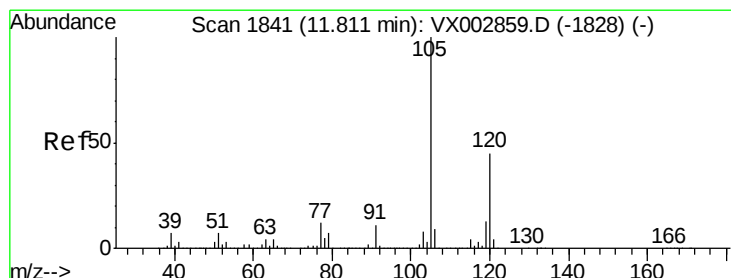
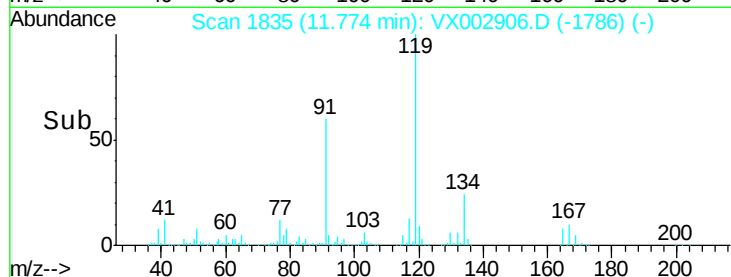
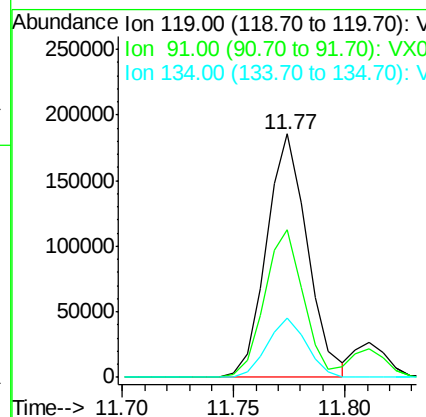
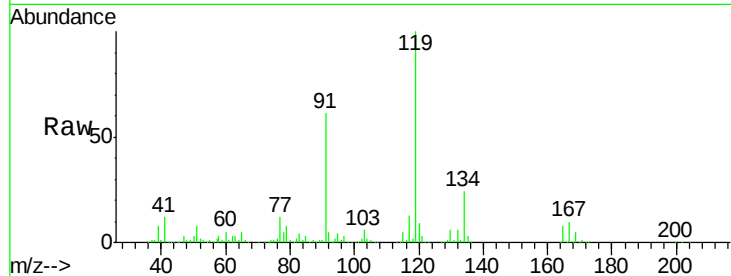
#83
 tert-Butylbenzene
 Concen: 20.16 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX002906.D
 Acq: 26 Jun 2018 21:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0626MBSD02

Tot Ion	Ratio	Lower	Upper
119	100		
91	57.6	30.3	90.9
134	23.7	11.7	35.1

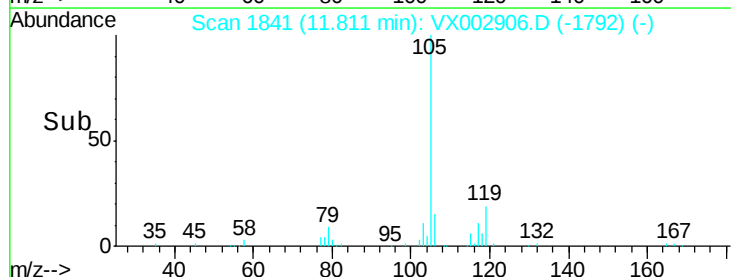
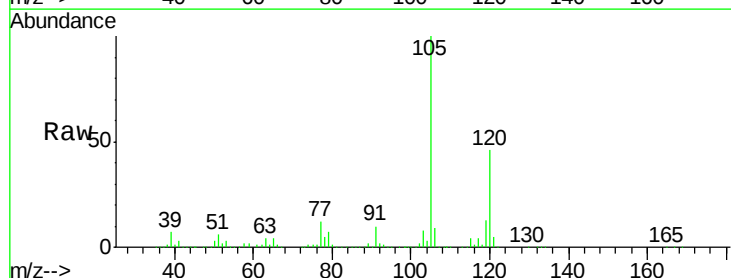
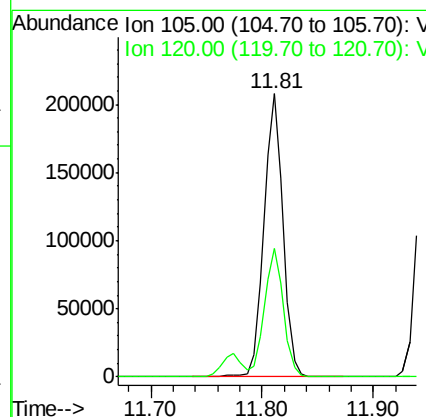
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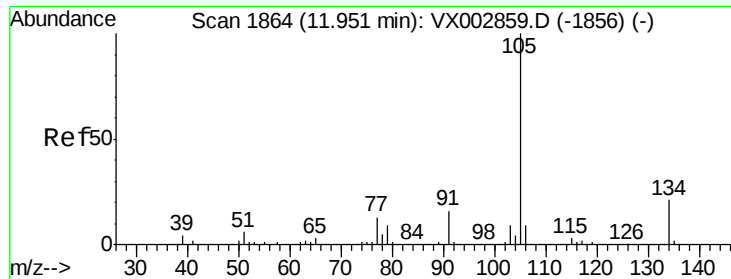
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.10 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX002906.D
 Acq: 26 Jun 2018 21:04

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.2	22.3	66.8





#85

sec-Butylbenzene

Concen: 19.98 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX002906.D

Acq: 26 Jun 2018 21:04

Instrument :

MSVOA_X

ClientSampleID :

VX0626MBS02

Tot Ion:105 Resp: 284982

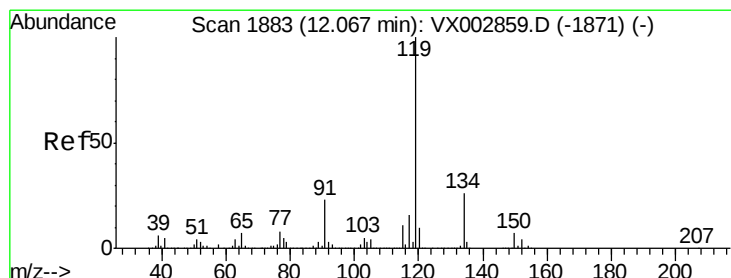
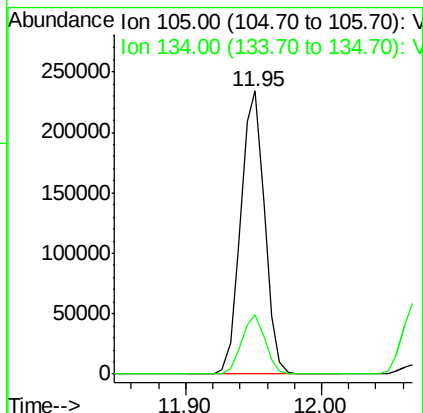
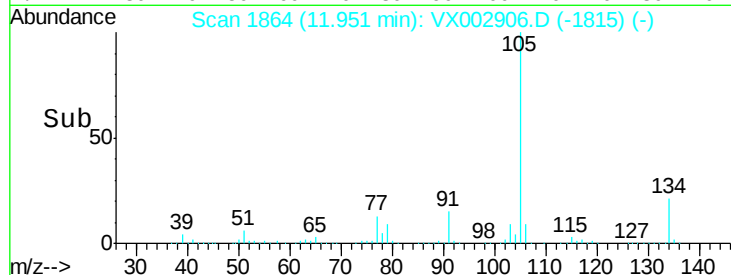
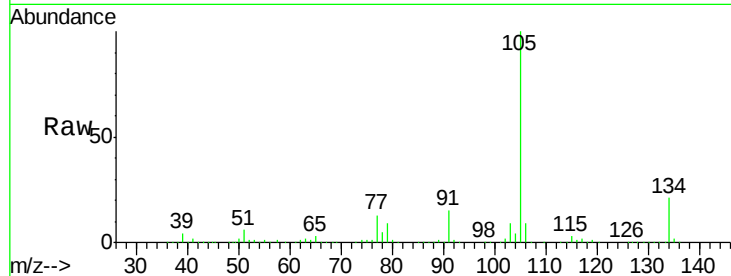
Ion Ratio Lower Upper

105 100

134 20.7 10.4 31.1

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#86

p-Isopropyltoluene

Concen: 19.92 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX002906.D

Acq: 26 Jun 2018 21:04

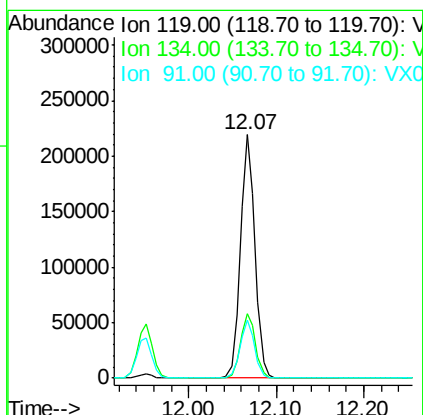
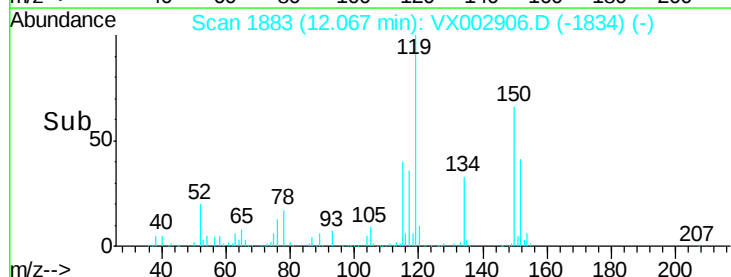
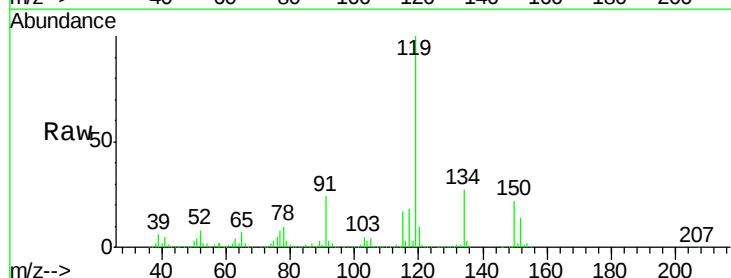
Tgt Ion:119 Resp: 255399

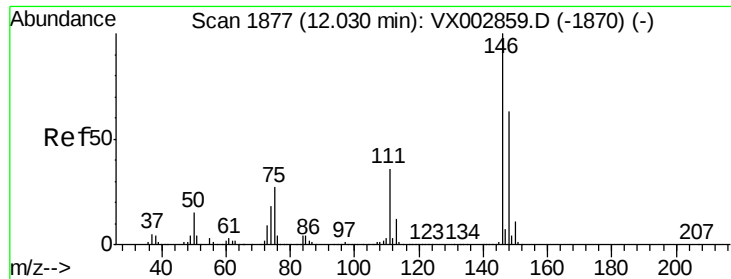
Ion Ratio Lower Upper

119 100

134 27.2 13.4 40.1

91 23.8 11.9 35.7





#87

1,3-Dichlorobenzene

Concen: 19.80 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX002906.D

Acq: 26 Jun 2018 21:04

Instrument :

MSVOA_X

ClientSampleId :

VX0626MBSD02

Tot Ion:146 Resp: 145883

Ion Ratio Lower Upper

146 100

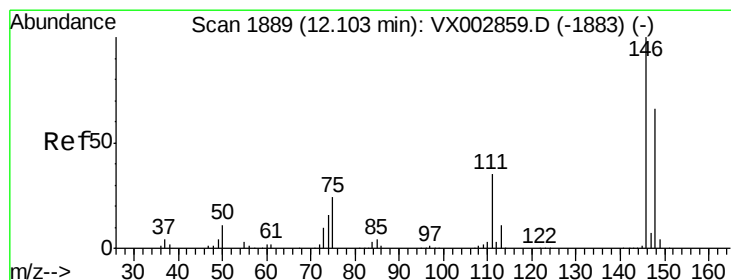
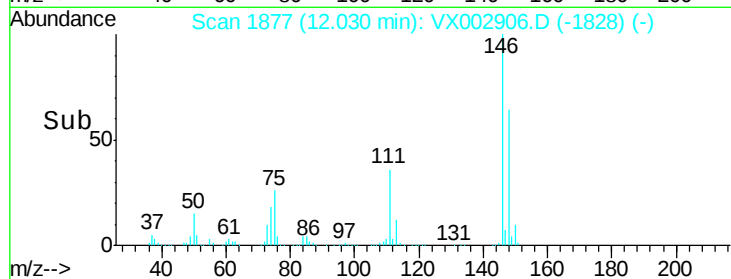
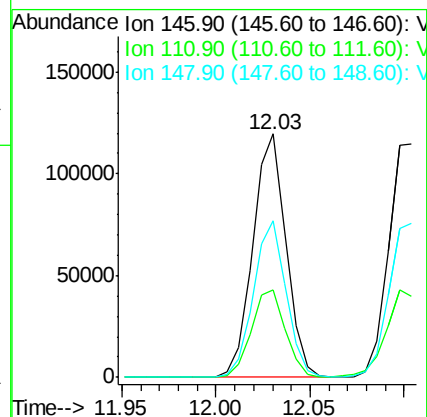
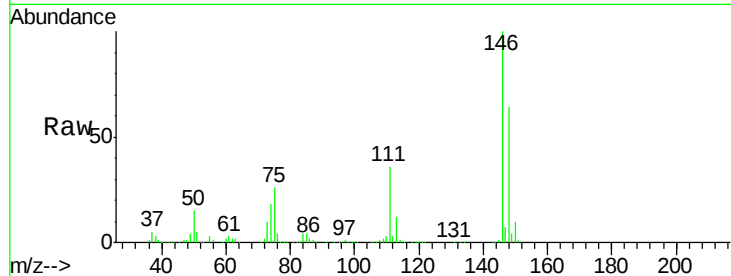
111 36.8 18.9 56.7

148 63.2 32.1 96.3

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 19.32 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX002906.D

Acq: 26 Jun 2018 21:04

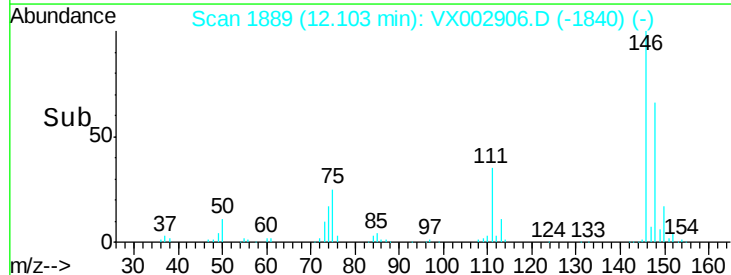
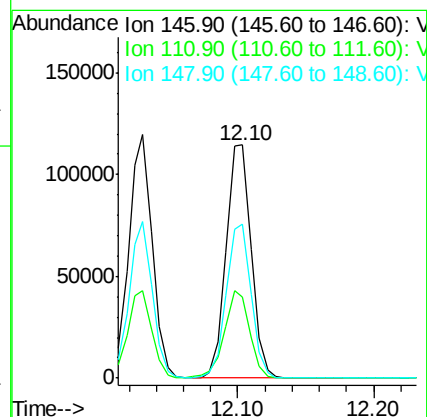
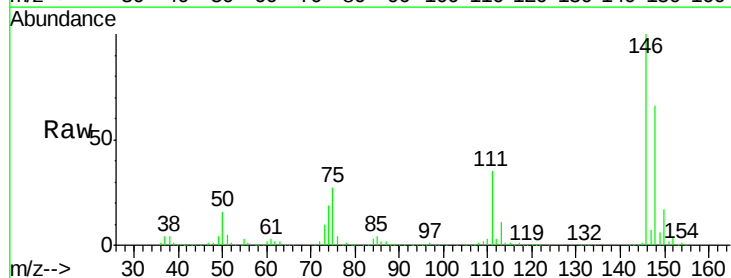
Tgt Ion:146 Resp: 146463

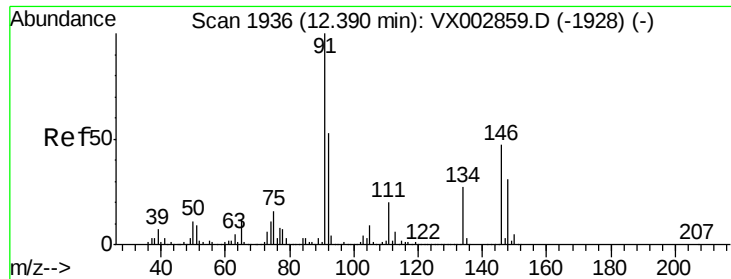
Ion Ratio Lower Upper

146 100

111 37.7 18.7 56.1

148 65.4 32.4 97.0





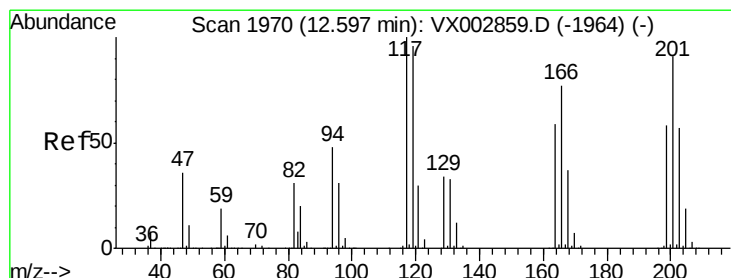
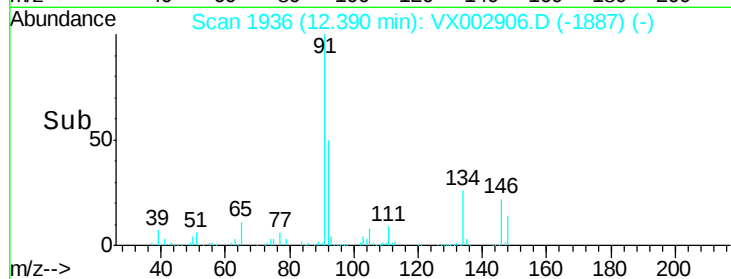
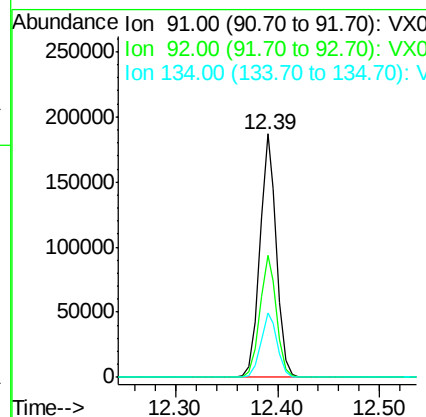
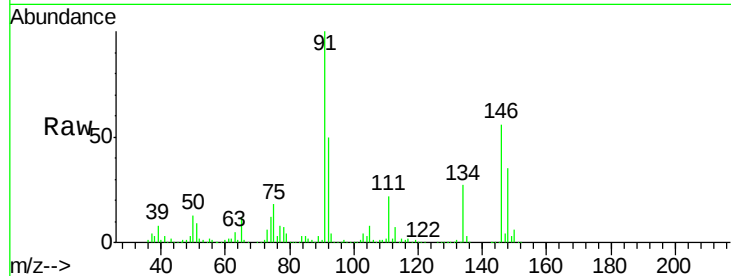
#89
n-Butylbenzene
Concen: 19.03 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX002906.D
Acq: 26 Jun 2018 21:04

Instrument :
MSVOA_X
ClientSampleId :
VX0626MBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.7	26.0	78.0
134	26.6	13.5	40.5

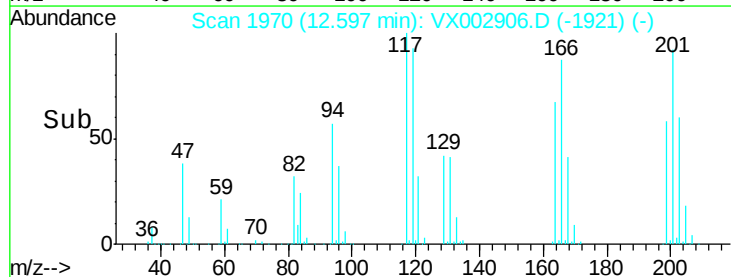
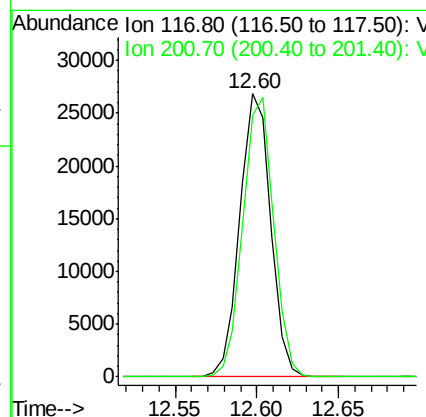
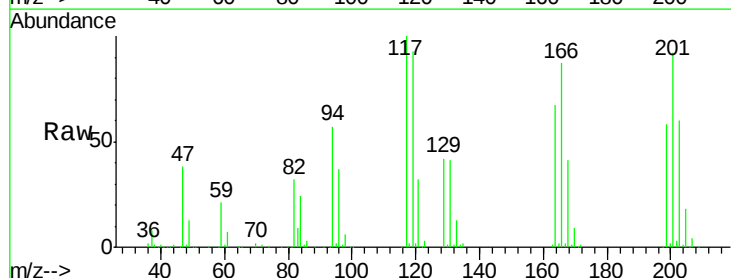
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#90
Hexachloroethane
Concen: 18.53 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX002906.D
Acq: 26 Jun 2018 21:04

Tgt Ion	Ratio	Lower	Upper
117	100		
201	98.7	49.0	147.0





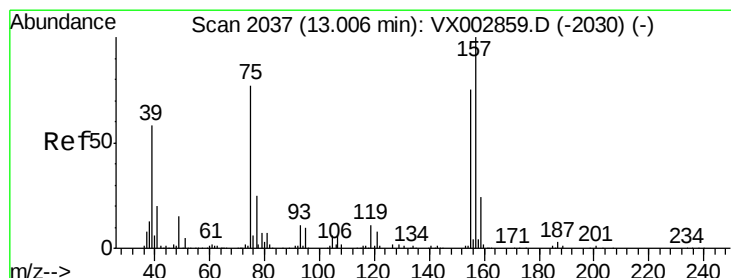
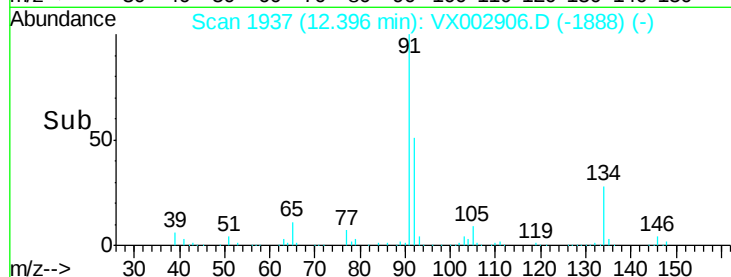
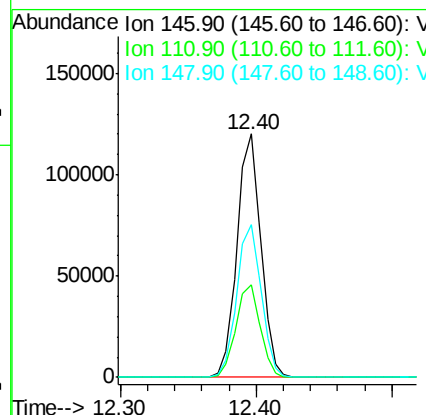
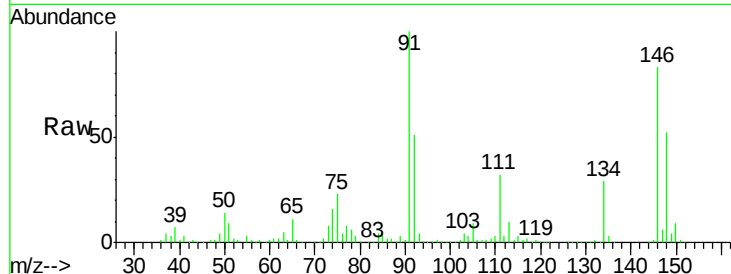
#91
1,2-Dichlorobenzene
Concen: 19.76 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX002906.D
Acq: 26 Jun 2018 21:04

Instrument :
MSVOA_X
ClientSampleId :
VX0626MBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.4	58.1
148	64.2	31.7	95.1

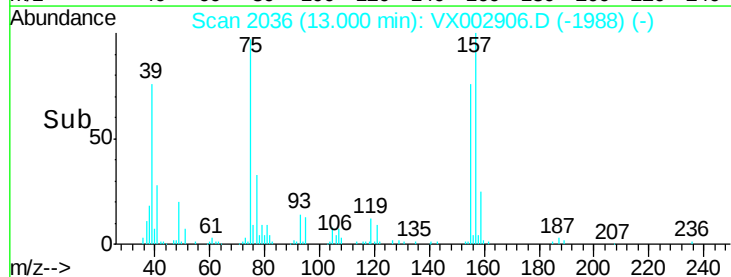
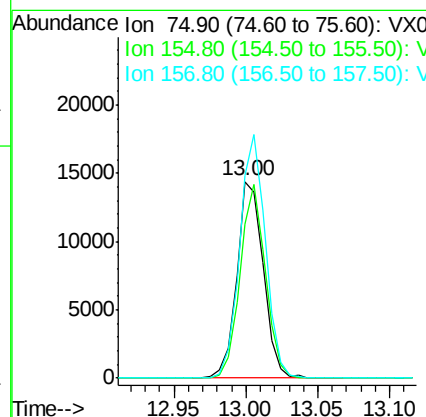
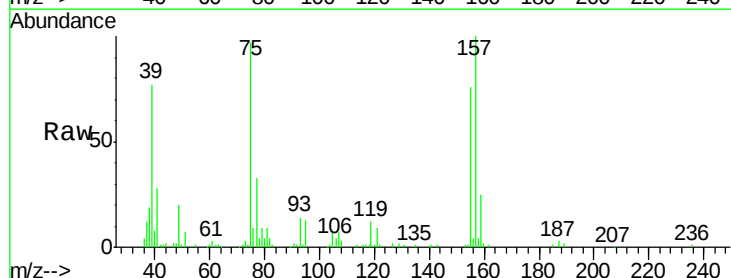
Manual Integrations
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#92
1,2-Dibromo-3-Chloropropane
Concen: 18.95 ug/l
RT: 13.00 min Scan# 2036
Delta R.T. -0.01 min
Lab File: VX002906.D
Acq: 26 Jun 2018 21:04

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.4	45.8	137.4
157	119.7	60.1	180.3





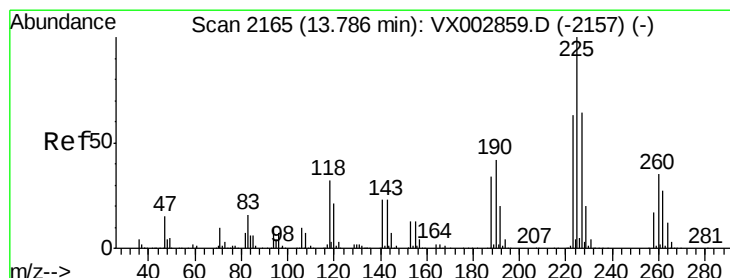
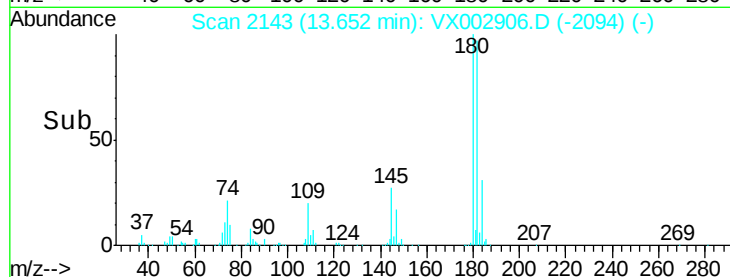
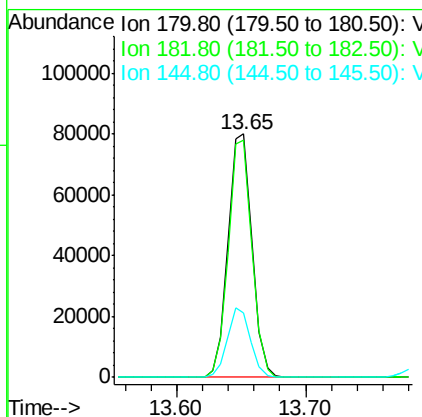
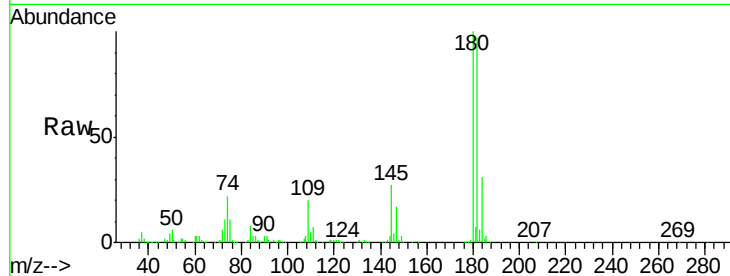
#93
 1,2,4-Trichlorobenzene
 Concen: 19.31 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX002906.D
 Acq: 26 Jun 2018 21:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0626MBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	104495		
182	96.4	47.7	143.1	
145	27.6	14.1	42.4	

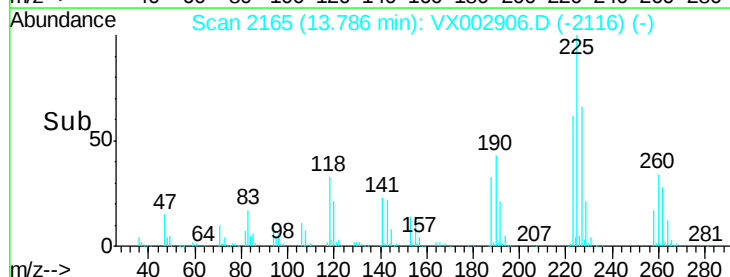
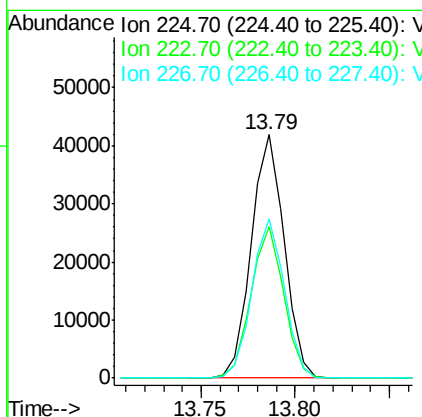
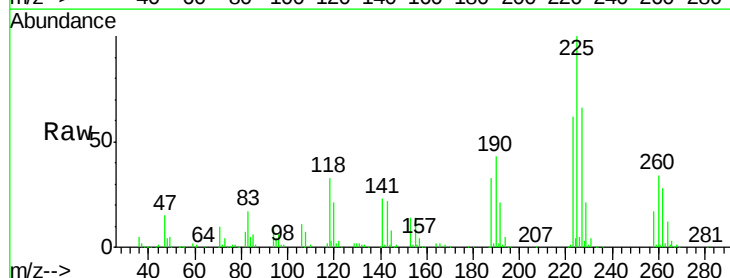
Manual Integrations
 APPROVED

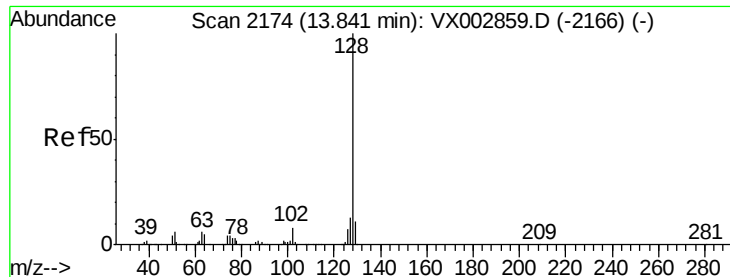
MMDadoda
 6/28/2018 3:12:09 PM



#94
 Hexachlorobutadiene
 Concen: 18.79 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX002906.D
 Acq: 26 Jun 2018 21:04

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	50720		
223	61.8	31.6	95.0	
227	64.7	32.4	97.2	





#95

Naphthalene

Concen: 20.43 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX002906.D

Acq: 26 Jun 2018 21:04

Instrument :

MSVOA_X

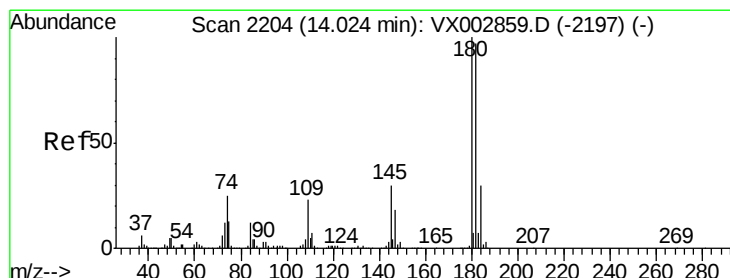
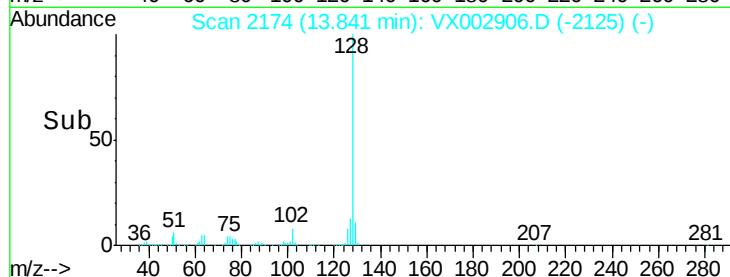
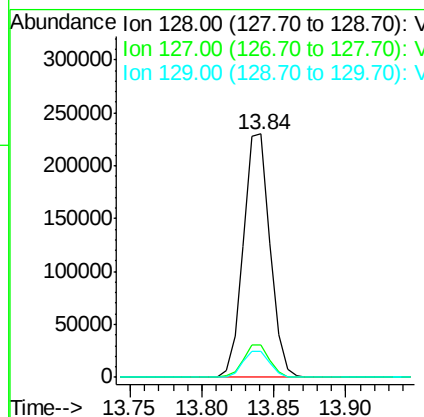
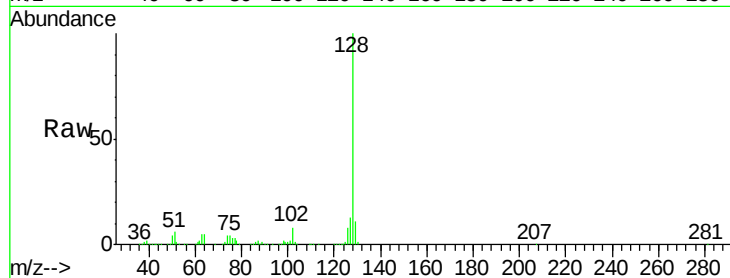
ClientSampleId :

VX0626MBSD02

Tot Ion:	128	Resp:	294494
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.4	15.6
129	11.1	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/28/2018 3:12:09 PM



#96

1,2,3-Trichlorobenzene

Concen: 20.01 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX002906.D

Acq: 26 Jun 2018 21:04

Tgt Ion:	180	Resp:	108175
Ion Ratio	Lower	Upper	
180	100		
182	95.7	48.0	144.0
145	29.6	14.8	44.3

