

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062618\
 Data File : VX002895.D
 Acq On : 26 Jun 2018 13:42
 Operator : JC/MD
 Sample : VX0626WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0626WBS01

Manual Integrations
 APPROVED

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 6/28/2018 3:12:07 PM

Quant Time: Jun 27 03:36:41 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	266518	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	362536	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	348456	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	215217	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	183650	49.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.70%	
35) Dibromofluoromethane	5.51	113	145274	50.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.20%	
50) Toluene-d8	8.72	98	533528	50.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.78%	
62) 4-Bromofluorobenzene	11.14	95	198791	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	45398	18.89	ug/l	98
3) Chloromethane	1.32	50	48424	18.86	ug/l	99
4) Vinyl Chloride	1.40	62	54872	18.21	ug/l	# 89
5) Bromomethane	1.64	94	25610	16.37	ug/l	97
6) Chloroethane	1.73	64	36248	19.19	ug/l	98
7) Trichlorofluoromethane	1.93	101	98885	19.45	ug/l	97
8) Diethyl Ether	2.19	74	34846	18.85	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	55707	18.91	ug/l	100
10) Methyl Iodide	2.51	142	36960	17.06	ug/l	99
11) Tert butyl alcohol	3.07	59	76145	103.76	ug/l	99
12) 1,1-Dichloroethene	2.37	96	50082	19.05	ug/l	94
13) Acrolein	2.29	56	37660	95.23	ug/l	99
14) Allyl chloride	2.73	41	100713	19.44	ug/l	99
15) Acrylonitrile	3.15	53	154296	98.44	ug/l	100
16) Acetone	2.45	43	167701	109.93	ug/l	98
17) Carbon Disulfide	2.57	76	131865	18.83	ug/l	98
18) Methyl Acetate	2.78	43	91243	21.39	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	184011	19.47	ug/l	96
20) Methylene Chloride	2.86	84	55883	18.82	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	52687	18.40	ug/l	97
22) Diisopropyl ether	3.87	45	191286	19.31	ug/l	95
23) Vinyl Acetate	3.82	43	806696	96.19	ug/l	99
24) 1,1-Dichloroethane	3.70	63	104760	19.46	ug/l	99
25) 2-Butanone	4.71	43	232536	102.71	ug/l	99
26) 2,2-Dichloropropane	4.59	77	85294	19.49	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	61430	19.14	ug/l	100
28) Bromochloromethane	5.03	49	50857	19.74	ug/l	96
29) Tetrahydrofuran	5.17	42	141914	97.74	ug/l	97
30) Chloroform	5.22	83	107457	19.45	ug/l	99
31) Cyclohexane	5.57	56	86756	18.78	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	94591	19.46	ug/l	99
36) 1,1-Dichloropropene	5.80	75	75267	18.93	ug/l	99
37) Ethyl Acetate	4.87	43	85351	19.94	ug/l	98
38) Carbon Tetrachloride	5.79	117	84407	19.35	ug/l	97

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Manual Integrations
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Quant Time: Jun 27 03:36:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	88677	19.15	ug/l	97
40) Benzene	6.15	78	224452	19.43	ug/l	97
41) Methacrylonitrile	5.07	41	48046	19.49	ug/l	97
42) 1,2-Dichloroethane	6.20	62	91392	19.59	ug/l	100
43) Isopropyl Acetate	6.47	43	136979	19.08	ug/l	99
44) Trichloroethene	7.22	130	65803	19.11	ug/l	97
45) 1,2-Dichloropropane	7.52	63	60143	19.63	ug/l	99
46) Dibromomethane	7.67	93	40807	19.19	ug/l	97
47) Bromodichloromethane	7.90	83	77927	19.82	ug/l	100
48) Methyl methacrylate	7.78	41	72390	19.57	ug/l	97
49) 1,4-Dioxane	7.76	88	28866	401.09	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	451890	100.61	ug/l	99
52) Toluene	8.79	92	145672	19.69	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	88407	19.86	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	80496	18.79	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	61276	20.15	ug/l	97
56) Ethyl methacrylate	9.18	69	86346	19.43	ug/l	98
57) 1,3-Dichloropropane	9.38	76	97710	19.56	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	229341	106.97	ug/l	98
59) 2-Hexanone	9.50	43	354528	103.85	ug/l	99
60) Dibromochloromethane	9.59	129	62870	19.64	ug/l	99
61) 1,2-Dibromoethane	9.68	107	62445	19.58	ug/l	100
64) Tetrachloroethene	9.34	164	72992	18.84	ug/l	98
65) Chlorobenzene	10.14	112	167712	18.95	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	62810	19.54	ug/l	99
67) Ethyl Benzene	10.26	91	284550	19.46	ug/l	98
68) m/p-Xylenes	10.36	106	218956	38.86	ug/l	100
69) o-Xylene	10.70	106	107136	19.53	ug/l	98
70) Styrene	10.71	104	174164	19.54	ug/l	99
71) Bromoform	10.86	173	48754	19.38	ug/l	100
73) Isopropylbenzene	11.02	105	290935	20.09	ug/l	100
74) N-amyl acetate	6.47	43	136979	19.34	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	90283	20.24	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	89258m	22.90	ug/l	
77) Bromobenzene	11.26	156	80399	19.50	ug/l	97
78) n-propylbenzene	11.37	91	332816	20.19	ug/l	99
79) 2-Chlorotoluene	11.42	91	199835	20.03	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	245434	20.13	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	21648	18.39	ug/l	96
82) 4-Chlorotoluene	11.51	91	231531	19.60	ug/l	99
83) tert-Butylbenzene	11.77	119	242879	20.21	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	254916	20.18	ug/l	99
85) sec-Butylbenzene	11.95	105	293257	20.11	ug/l	100
86) p-Isopropyltoluene	12.07	119	264464	20.18	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	148063	19.66	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	148248	19.13	ug/l	99
89) n-Butylbenzene	12.39	91	224438	19.67	ug/l	100
90) Hexachloroethane	12.60	117	36396	18.67	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	145679	19.17	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	19070	19.02	ug/l	97

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ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBS01

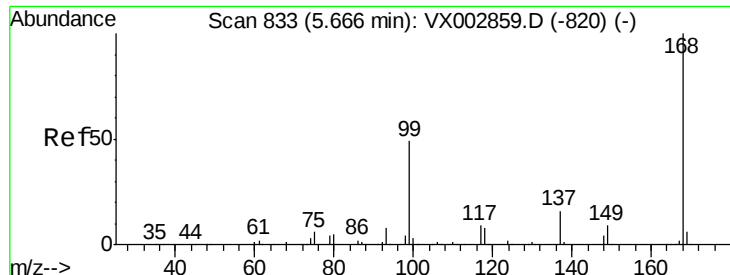
Manual Integrations
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	107017	19.35	ug/l	100
94) Hexachlorobutadiene	13.79	225	52527	19.04	ug/l	99
95) Naphthalene	13.84	128	295516	20.06	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	109159	19.76	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: VX002895.D

Acq: 26 Jun 2018 13:42

Instrument :

MSVOA_X

ClientSampleId :

VX0626WBS01

Tot Ion:168 Resp: 266518

Ion Ratio Lower Upper

168 100

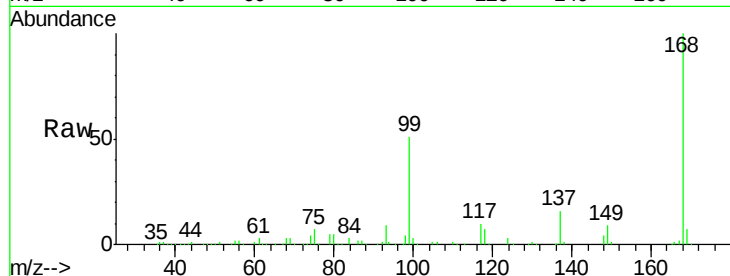
99 50.6 39.3 58.9

Manual Integrations

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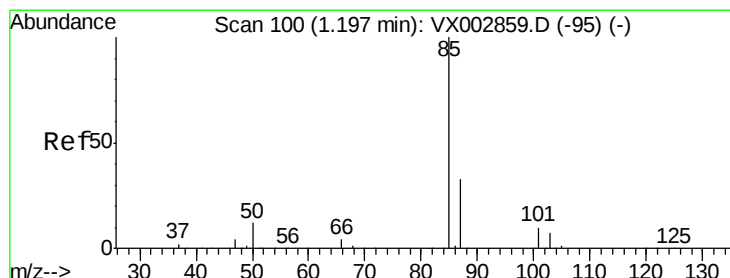
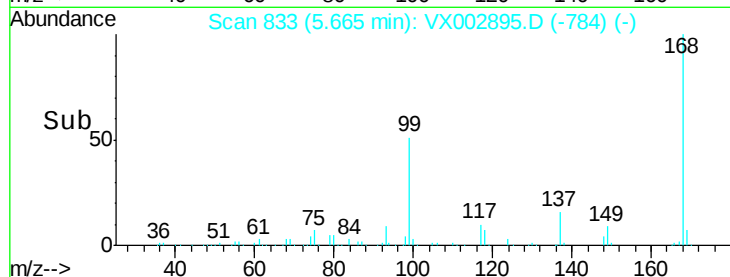
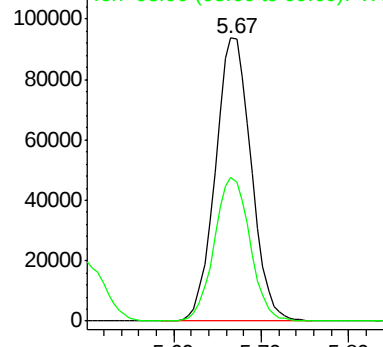
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 18.89 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002895.D

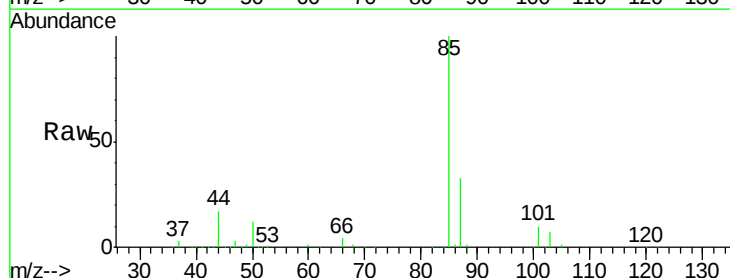
Acq: 26 Jun 2018 13:42

Tgt Ion: 85 Resp: 45398

Ion Ratio Lower Upper

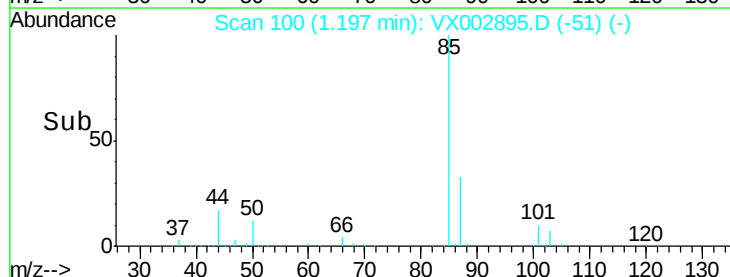
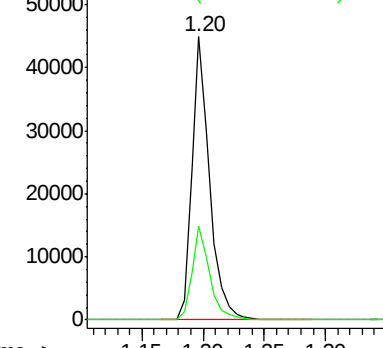
85 100

87 33.3 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.86 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002895.D

Acq: 26 Jun 2018 13:42

Instrument :

MSVOA_X

ClientSampleId :

VX0626WBS01

Tot Ion: 50 Resp: 48424

Ion Ratio Lower Upper

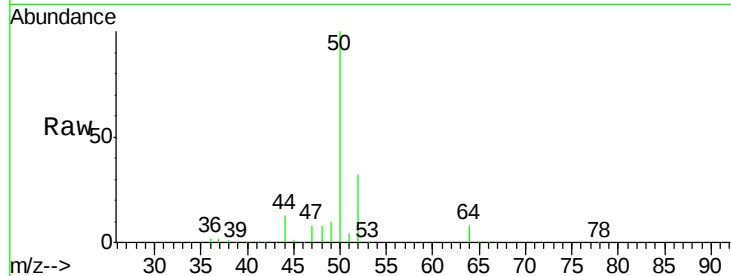
50 100

52 31.8 25.7 38.5

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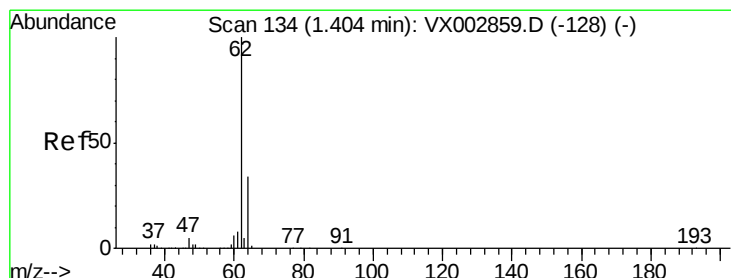
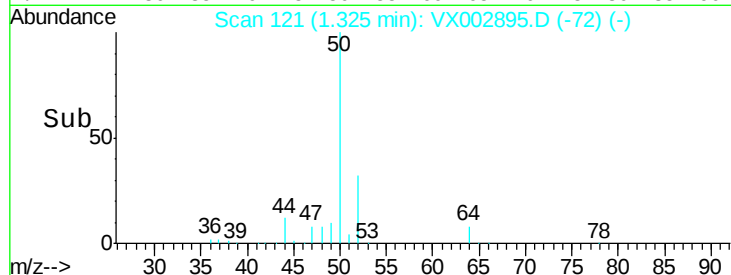
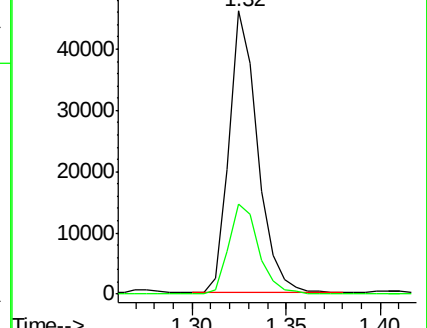
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 18.21 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX002895.D

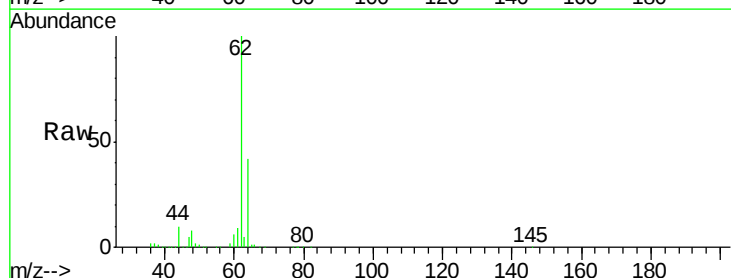
Acq: 26 Jun 2018 13:42

Tgt Ion: 62 Resp: 54872

Ion Ratio Lower Upper

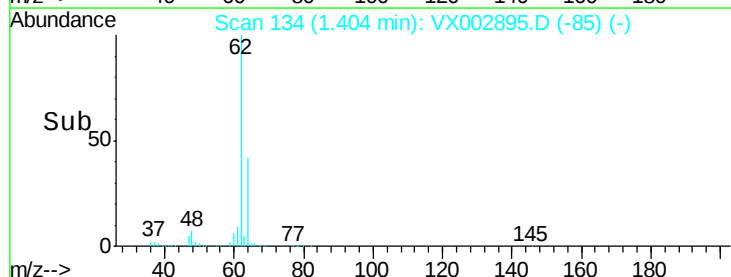
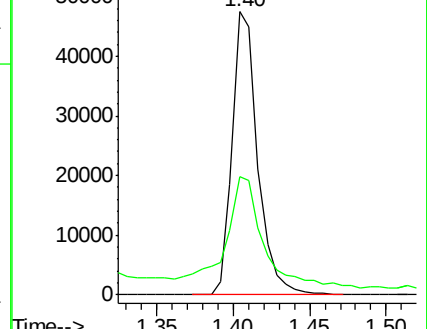
62 100

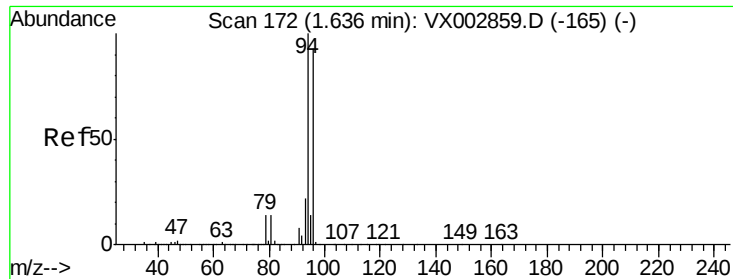
64 38.2 25.4 38.2#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 16.37 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002895.D

Acq: 26 Jun 2018 13:42

Instrument :

MSVOA_X

ClientSampleId :

VX0626WBS01

Tot Ion: 94 Resp: 25610

Ion Ratio Lower Upper

94 100

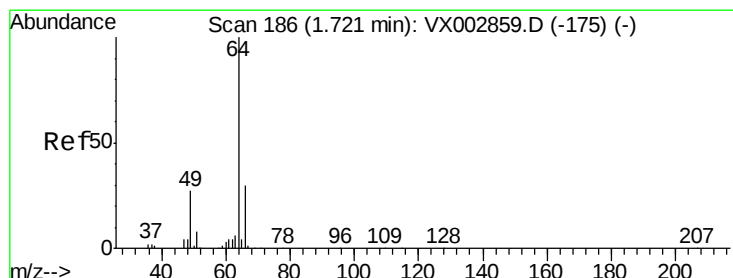
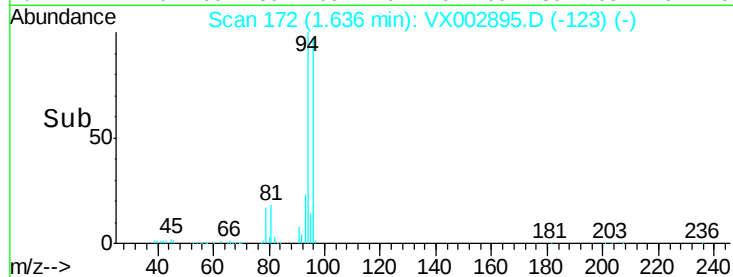
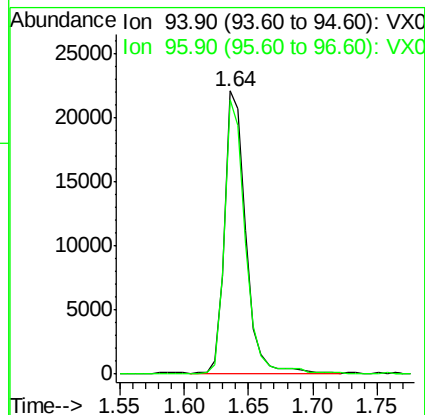
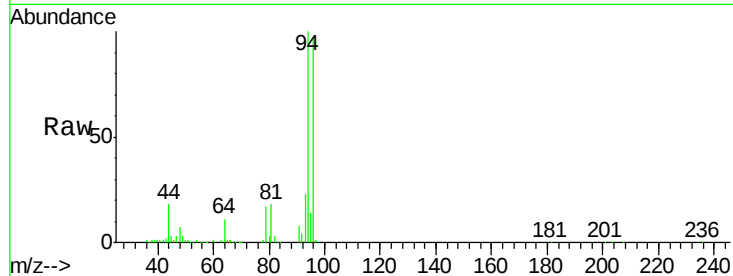
96 96.7 74.9 112.3

Manual Integrations

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#6

Chloroethane

Concen: 19.19 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX002895.D

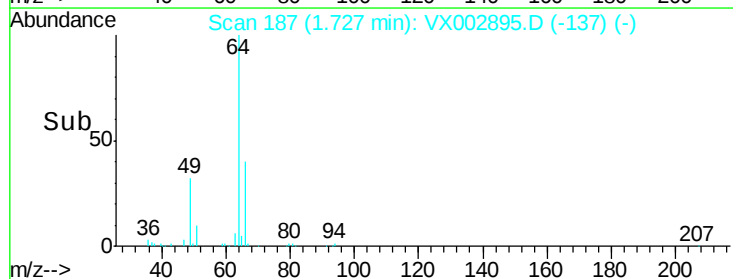
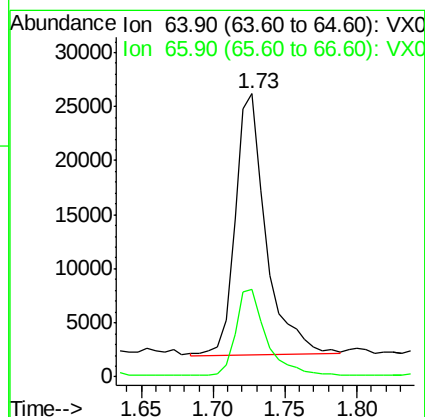
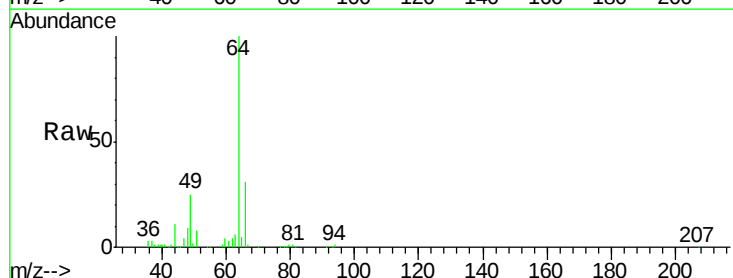
Acq: 26 Jun 2018 13:42

Tgt Ion: 64 Resp: 36248

Ion Ratio Lower Upper

64 100

66 33.2 25.5 38.3





#7

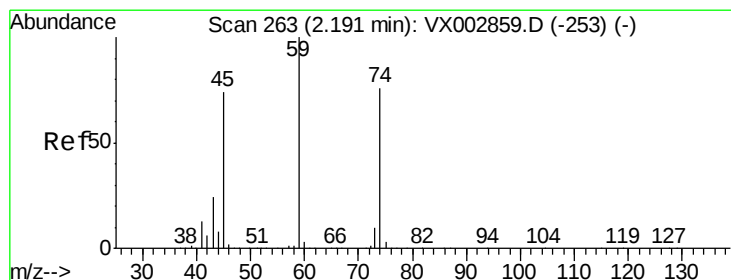
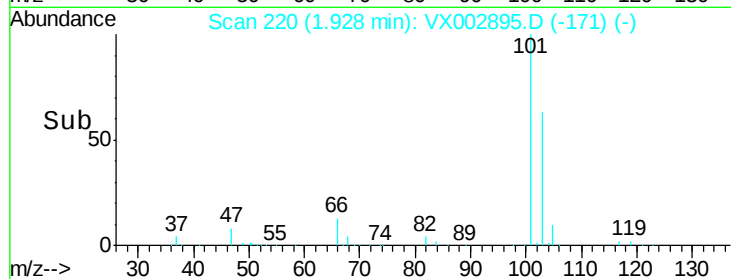
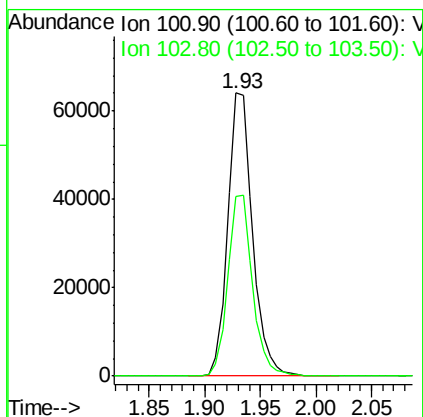
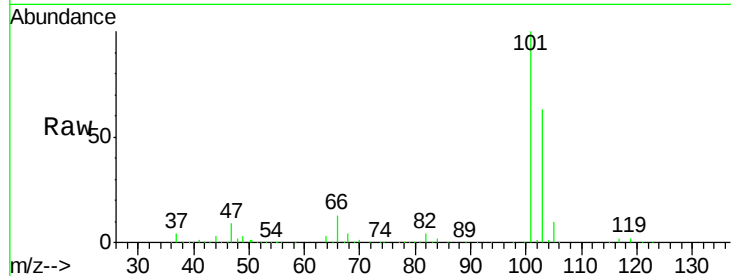
Trichlorofluoromethane
Concen: 19.45 ug/l
RT: 1.93 min Scan# 220
Delta R.T. -0.00 min
Lab File: VX002895.D
Acq: 26 Jun 2018 13:42

Instrument :
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ClientSampleId :
VX0626WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.4	52.8	79.2

Manual Integrations
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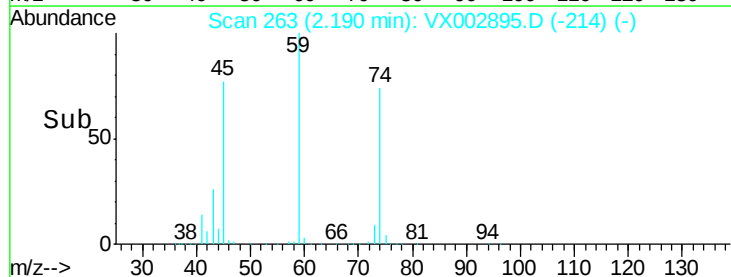
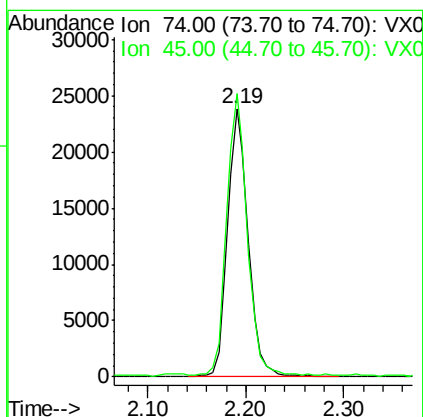
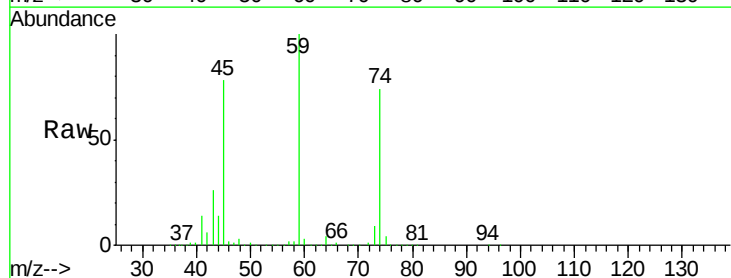
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#8

Diethyl Ether
Concen: 18.85 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX002895.D
Acq: 26 Jun 2018 13:42

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.7	53.1	159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.91 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX002895.D

Acq: 26 Jun 2018 13:42

Instrument :

MSVOA_X

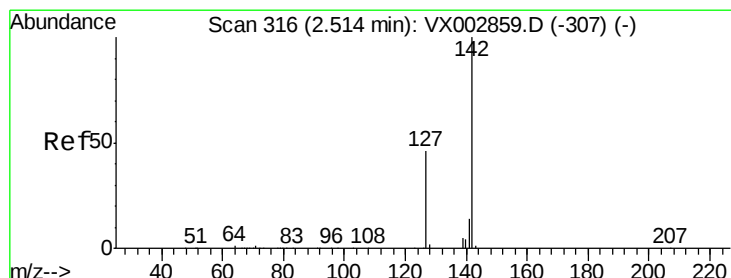
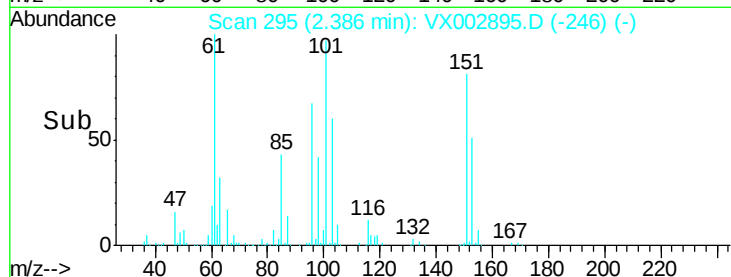
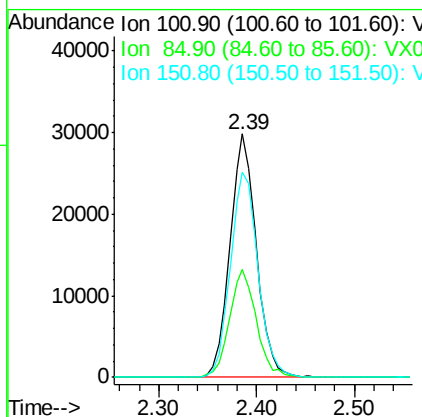
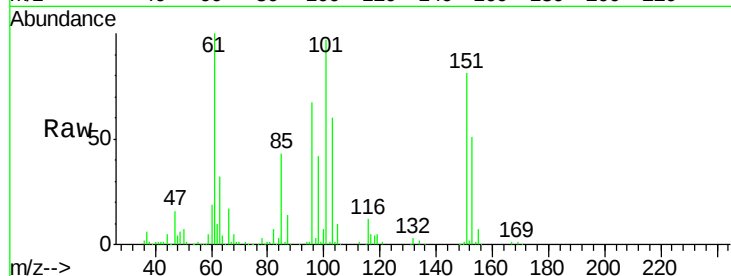
ClientSampleId :

VX0626WBS01

Tot Ion:	101	Resp:	55707
Ion Ratio	Lower	Upper	
101	100		
85	45.1	36.0	54.0
151	88.3	70.9	106.3

Manual Integrations
APPROVED

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#10

Methyl Iodide

Concen: 17.06 ug/l

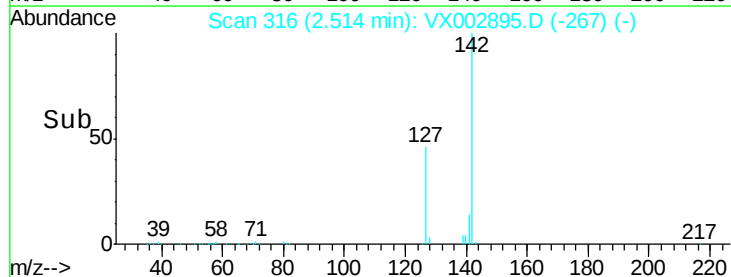
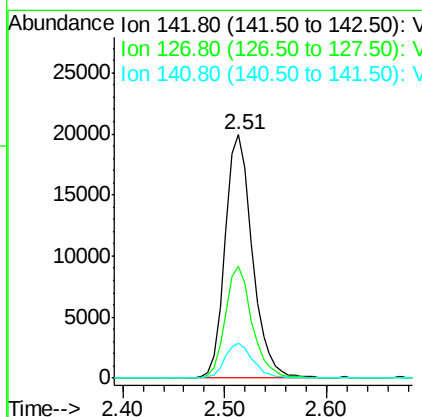
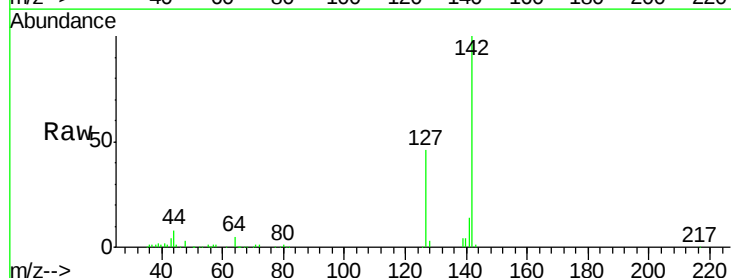
RT: 2.51 min Scan# 316

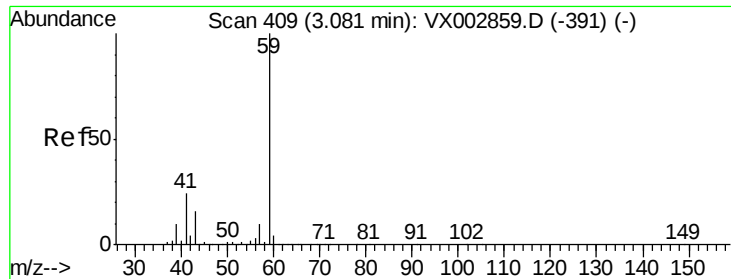
Delta R.T. 0.00 min

Lab File: VX002895.D

Acq: 26 Jun 2018 13:42

Tgt Ion:	142	Resp:	36960
Ion Ratio	Lower	Upper	
142	100		
127	45.0	36.6	55.0
141	14.4	11.3	16.9





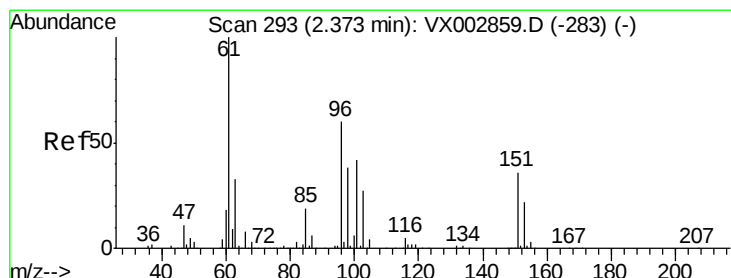
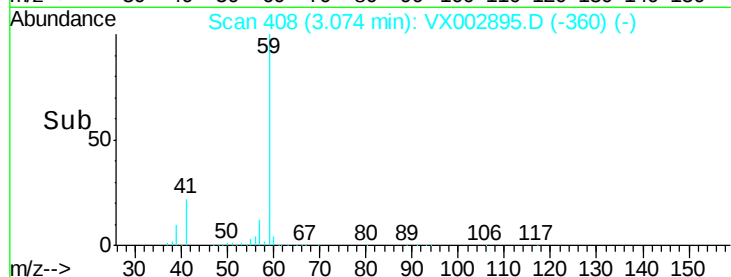
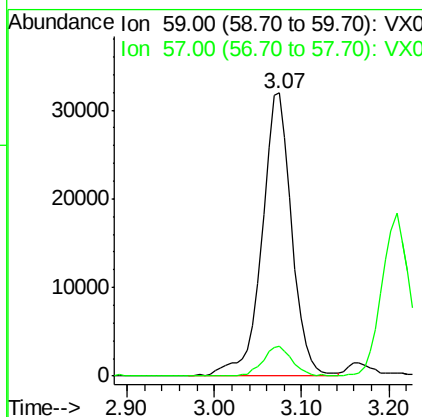
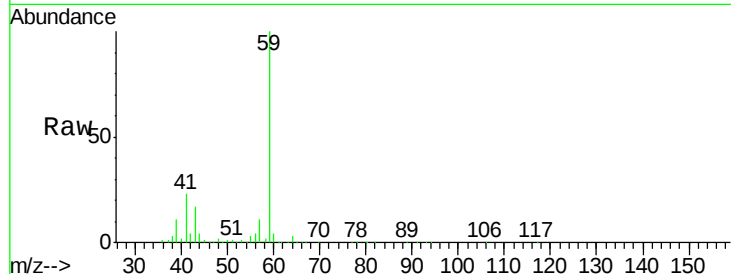
#11
Tert butyl alcohol
Concen: 103.76 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX002895.D
Acq: 26 Jun 2018 13:42

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.2	12.2

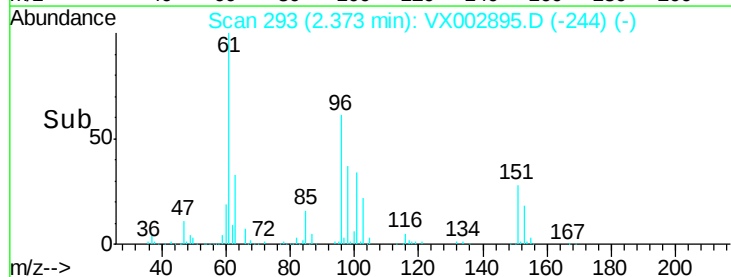
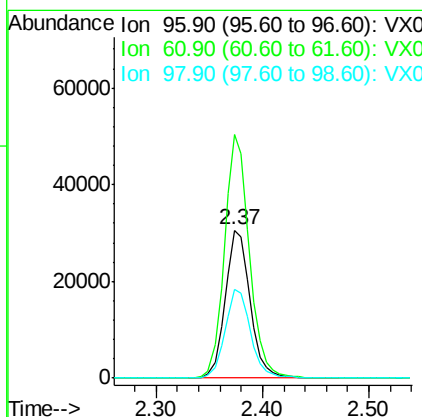
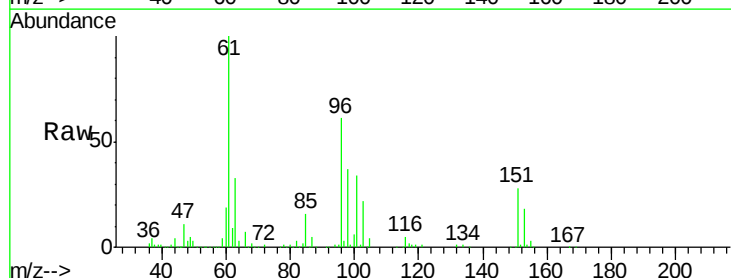
Manual Integrations
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#12
1,1-Dichloroethene
Concen: 19.05 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX002895.D
Acq: 26 Jun 2018 13:42

Tgt Ion	Ratio	Lower	Upper
96	100		
61	164.5	137.9	206.9
98	60.3	51.6	77.4





#13

Acrolein

Concen: 95.23 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX002895.D

Acq: 26 Jun 2018 13:42

Instrument :

MSVOA_X

ClientSampleId :

VX0626WBS01

Tot Ion: 56 Resp: 37660

Ion Ratio Lower Upper

56 100

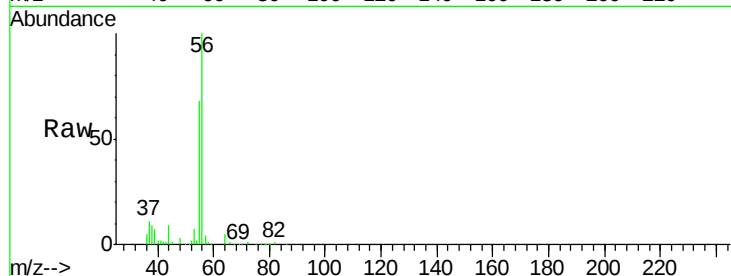
55 70.6 57.0 85.4

Manual Integrations

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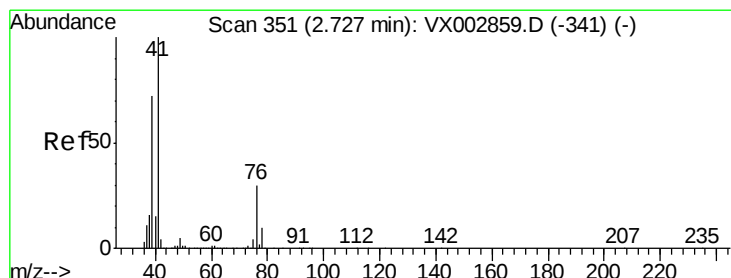
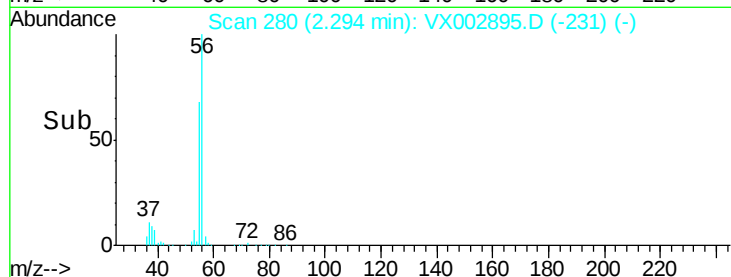
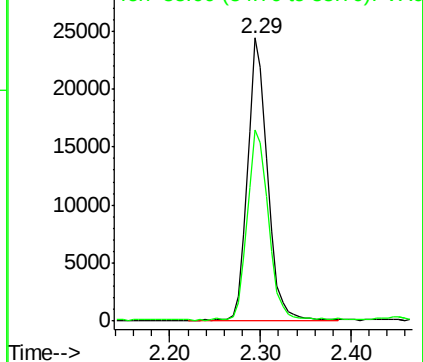
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 19.44 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002895.D

Acq: 26 Jun 2018 13:42

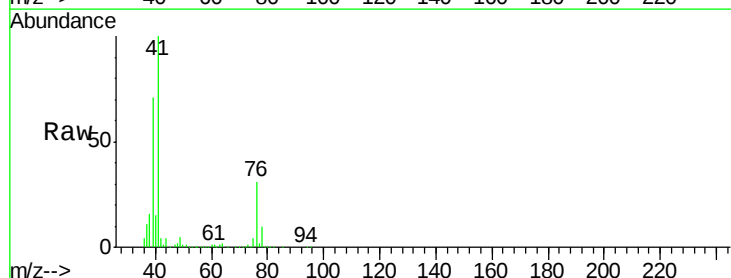
Tgt Ion: 41 Resp: 100713

Ion Ratio Lower Upper

41 100

39 69.7 56.8 85.2

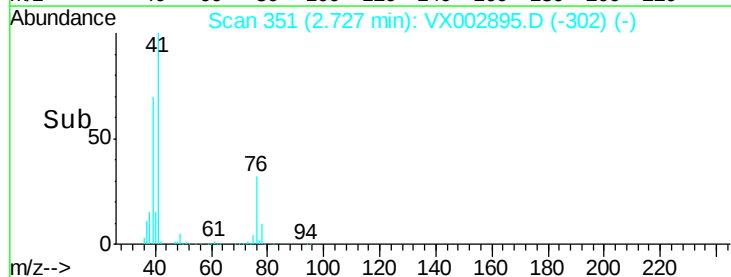
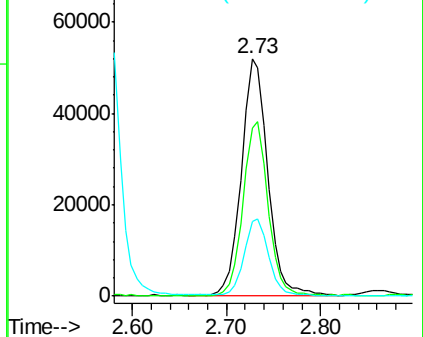
76 30.1 23.8 35.8



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: 98.44 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX002895.D

Acq: 26 Jun 2018 13:42

Instrument :

MSVOA_X

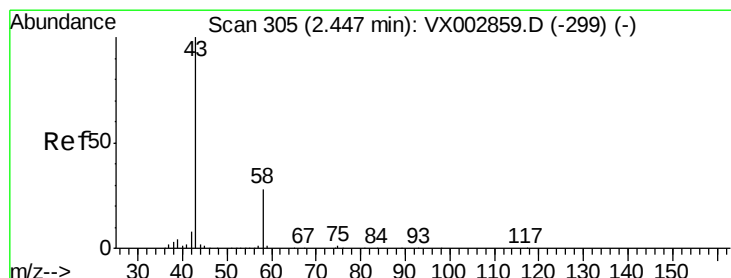
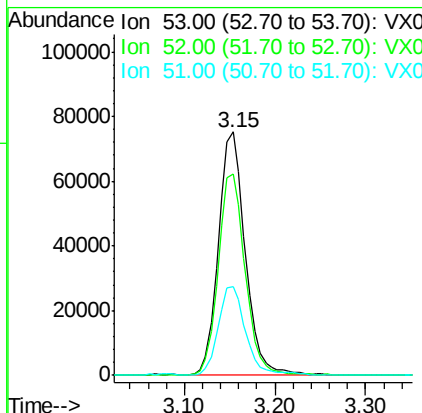
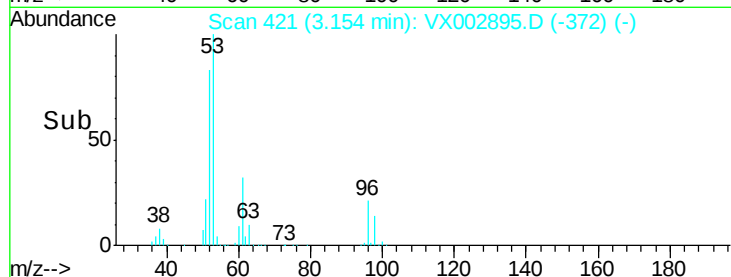
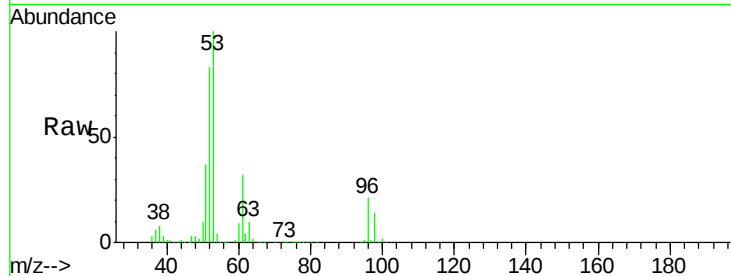
ClientSampled :

VX0626WBS01

Tot Ion:	53	Resp:	154296
Ion Ratio	Lower	Upper	
53	100		
52	83.2	66.7	100.1
51	37.7	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 109.93 ug/l

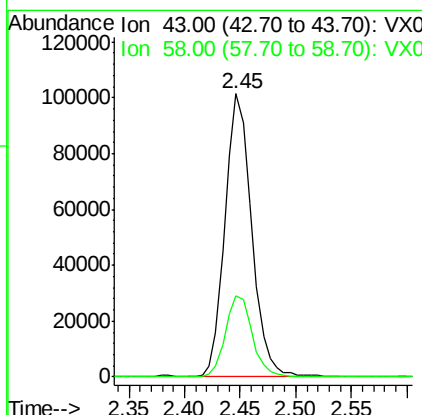
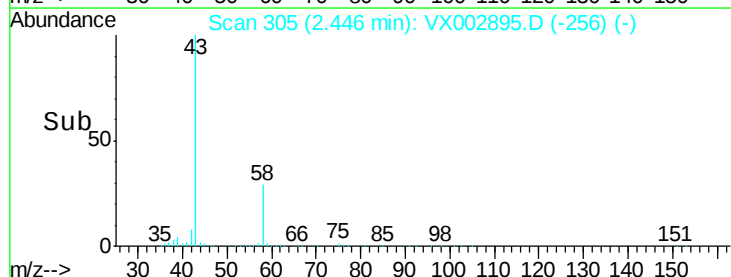
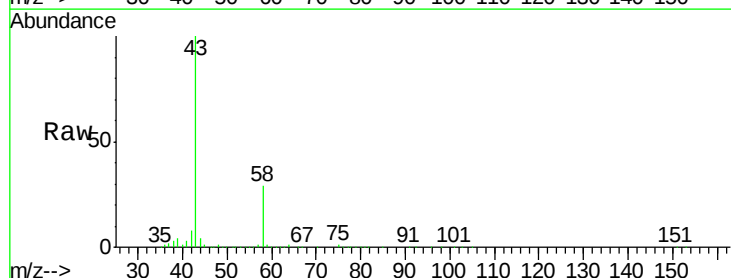
RT: 2.45 min Scan# 305

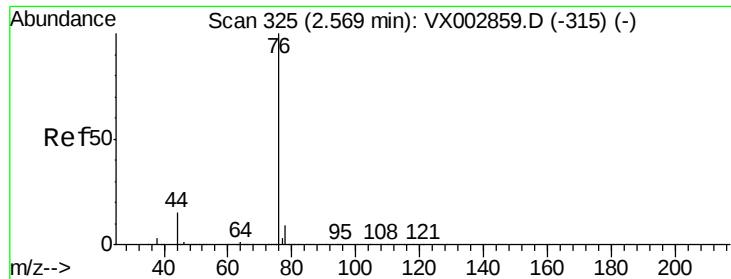
Delta R.T. -0.00 min

Lab File: VX002895.D

Acq: 26 Jun 2018 13:42

Tgt Ion:	43	Resp:	167701
Ion Ratio	Lower	Upper	
43	100		
58	28.6	22.1	33.1





#17

Carbon Disulfide

Concen: 18.83 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX002895.D

Acq: 26 Jun 2018 13:42

Tot Ion: 76 Resp: 131865

Ion Ratio Lower Upper

76 100

78 9.5 6.9 10.3

Instrument :

MSVOA_X

ClientSampleId :

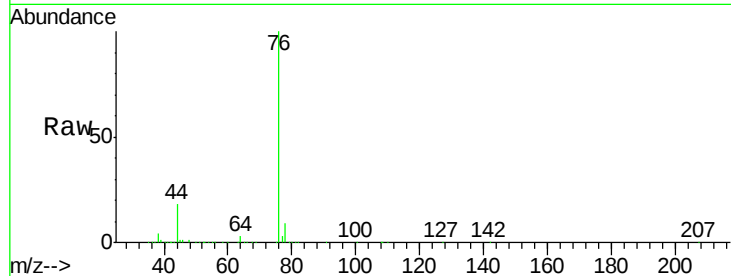
VX0626WBS01

Manual Integrations

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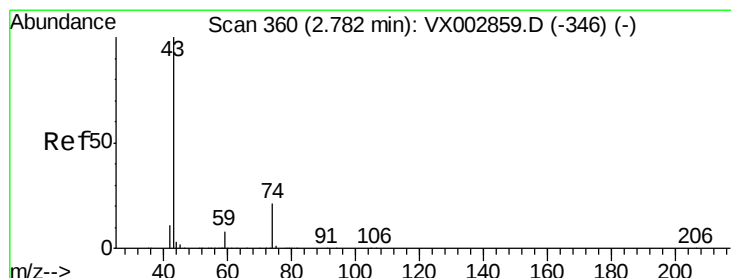
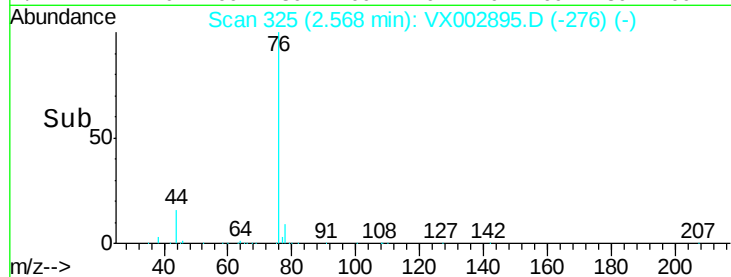
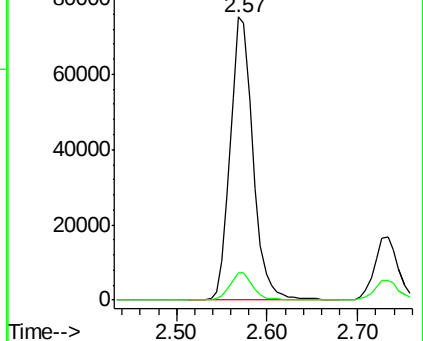
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 21.39 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX002895.D

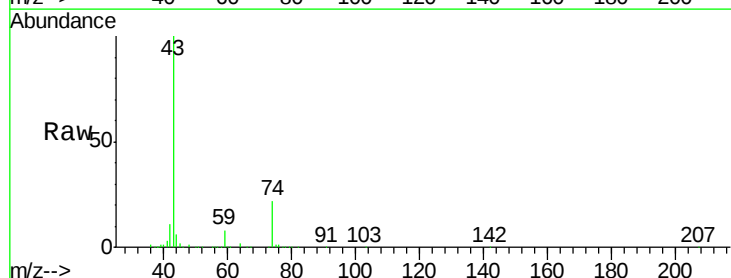
Acq: 26 Jun 2018 13:42

Tgt Ion: 43 Resp: 91243

Ion Ratio Lower Upper

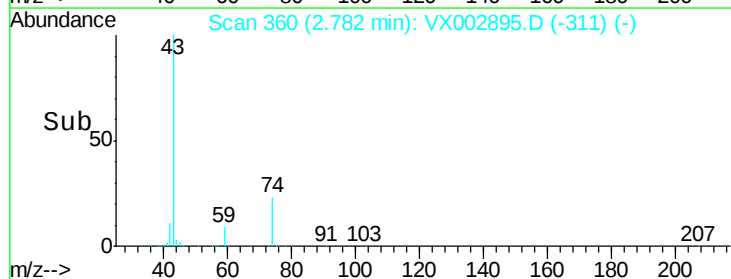
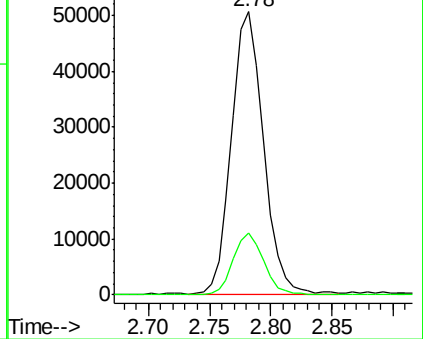
43 100

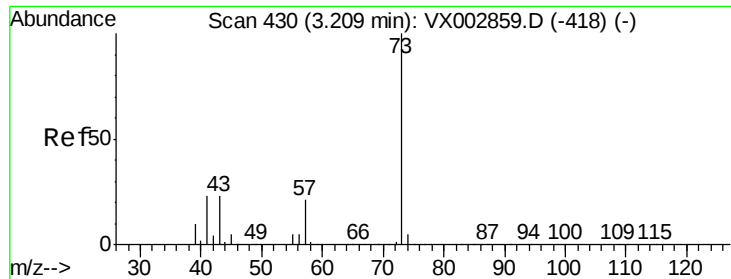
74 21.5 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





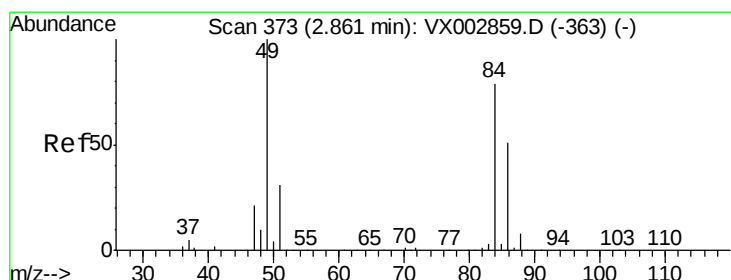
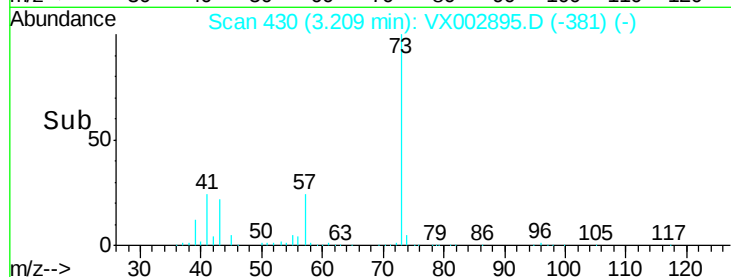
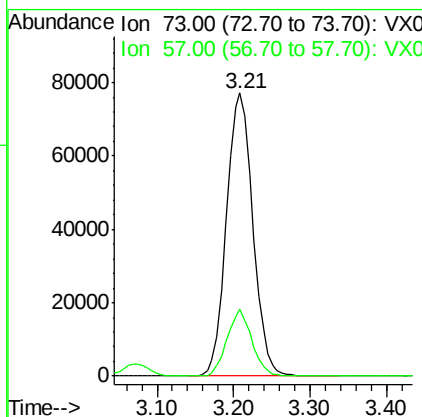
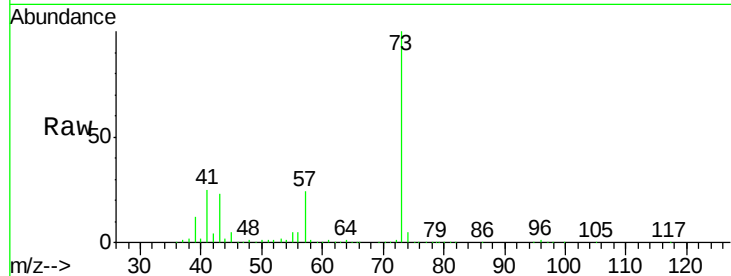
#19
Methyl tert-butyl Ether
Concen: 19.47 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX002895.D
Acq: 26 Jun 2018 13:42

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBS01

Tot Ion: 73 Resp: 184011
Ion Ratio Lower Upper
73 100
57 23.8 17.7 26.5

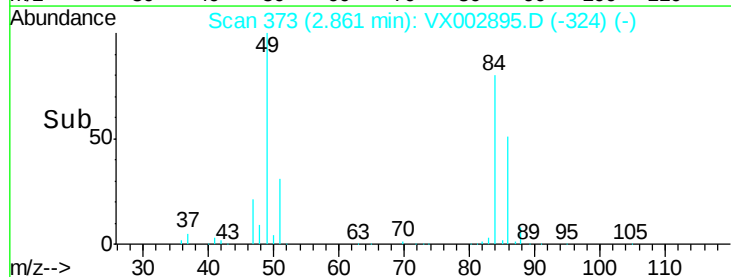
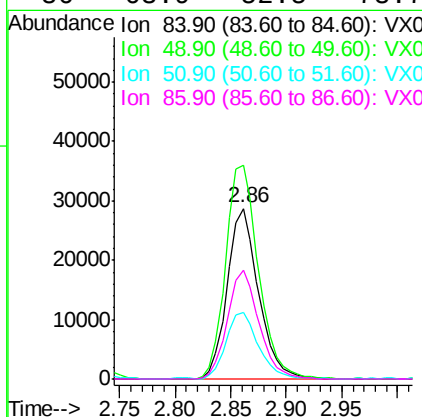
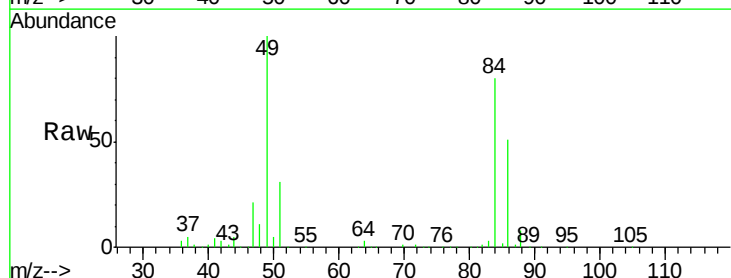
Manual Integrations
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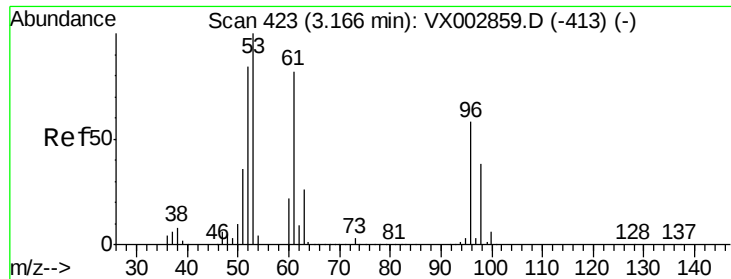
MMDadoda
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#20
Methylene Chloride
Concen: 18.82 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX002895.D
Acq: 26 Jun 2018 13:42

Tgt Ion: 84 Resp: 55883
Ion Ratio Lower Upper
84 100
49 124.9 107.8 161.6
51 38.7 32.8 49.2
86 63.9 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 18.40 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002895.D

Acq: 26 Jun 2018 13:42

Instrument :

MSVOA_X

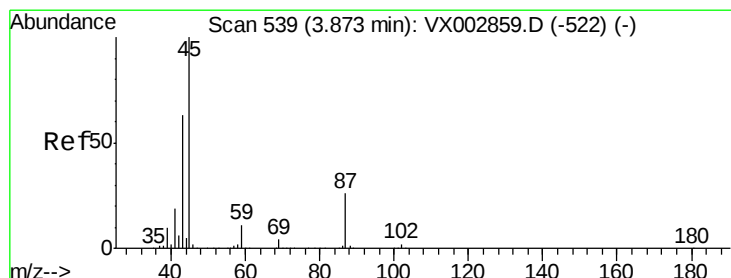
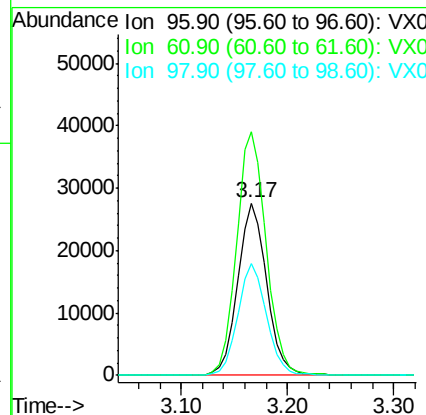
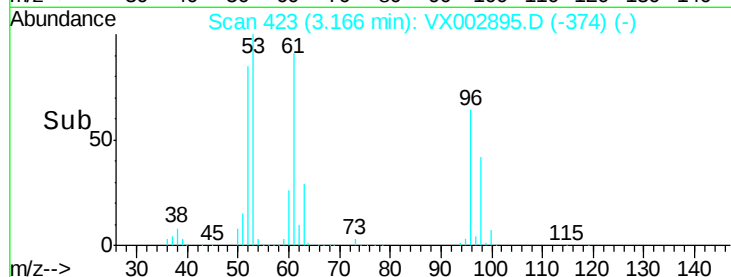
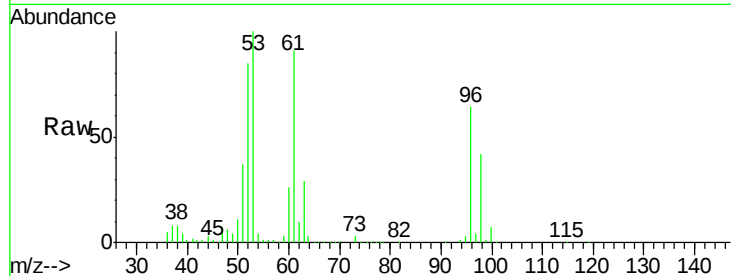
ClientSampleId :

VX0626WBS01

Tot Ion:	96	Resp:	52687
Ion	Ratio	Lower	Upper
96	100		
61	141.6	117.0	175.4
98	65.1	52.4	78.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 19.31 ug/l

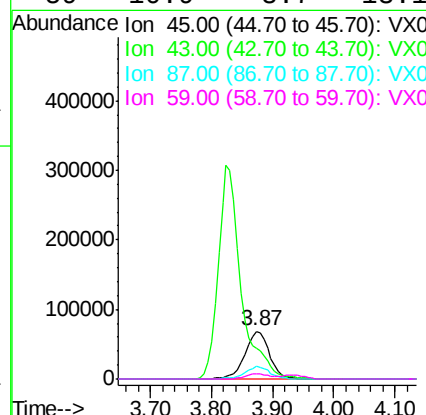
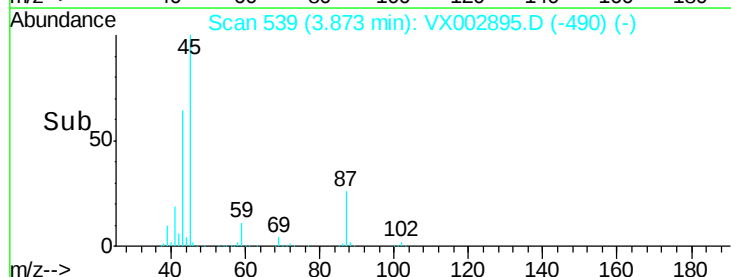
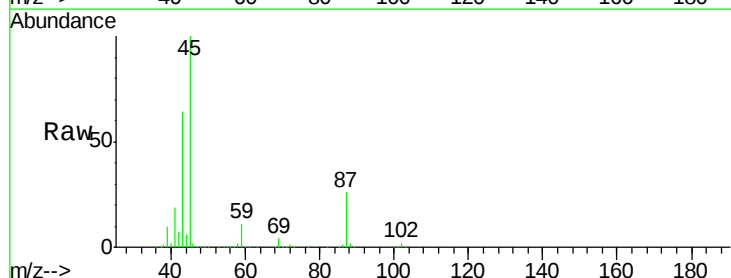
RT: 3.87 min Scan# 539

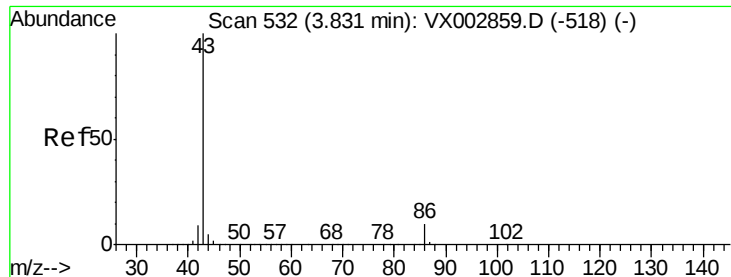
Delta R.T. -0.00 min

Lab File: VX002895.D

Acq: 26 Jun 2018 13:42

Tgt Ion:	45	Resp:	191286
Ion	Ratio	Lower	Upper
45	100		
43	63.7	46.8	70.2
87	26.0	20.2	30.4
59	10.9	8.7	13.1





#23

Vinyl Acetate

Concen: 96.19 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX002895.D

Acq: 26 Jun 2018 13:42

Instrument :

MSVOA_X

ClientSampleId :

VX0626WBS01

Tot Ion: 43 Resp: 806696

Ion Ratio Lower Upper

43 100

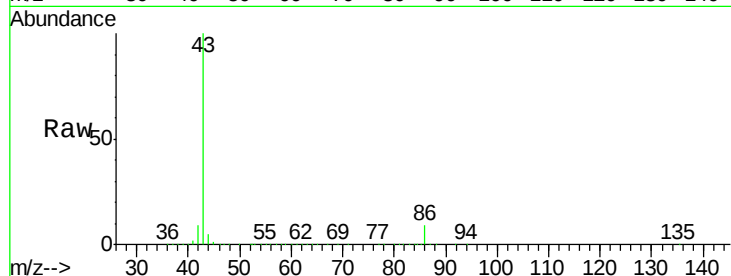
86 8.9 7.4 11.0

Manual Integrations

APPROVED

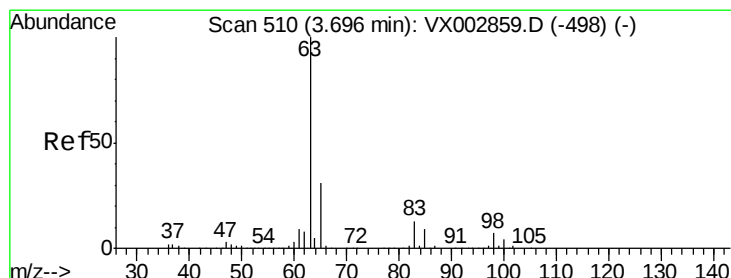
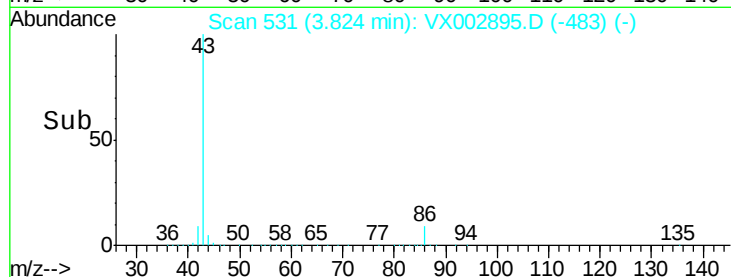
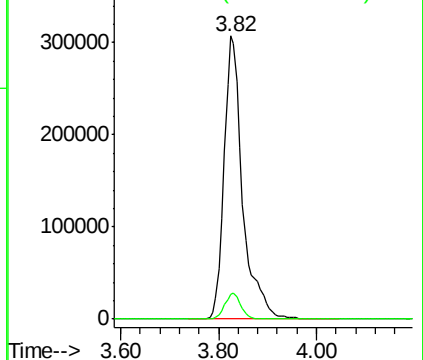
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.46 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX002895.D

Acq: 26 Jun 2018 13:42

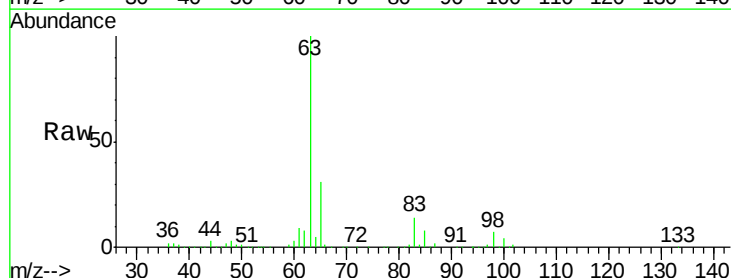
Tgt Ion: 63 Resp: 104760

Ion Ratio Lower Upper

63 100

98 6.6 3.4 10.2

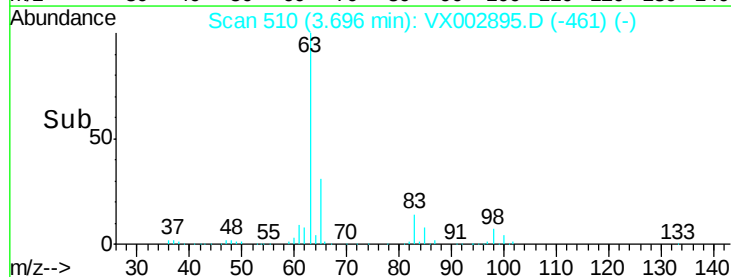
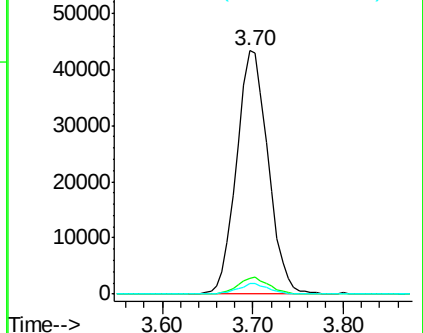
100 4.2 2.0 6.0

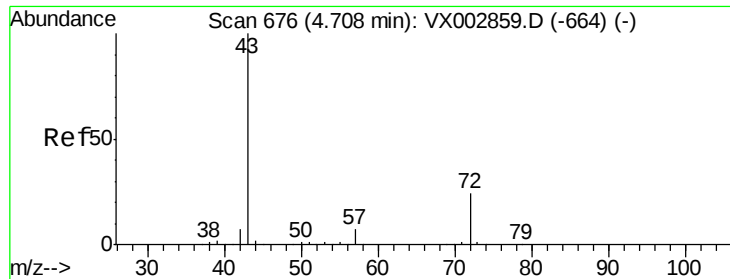


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 102.71 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.00 min

Lab File: VX002895.D

Acq: 26 Jun 2018 13:42

Instrument :

MSVOA_X

ClientSampleId :

VX0626WBS01

Tot Ion: 43 Resp: 232536

Ion Ratio Lower Upper

43 100

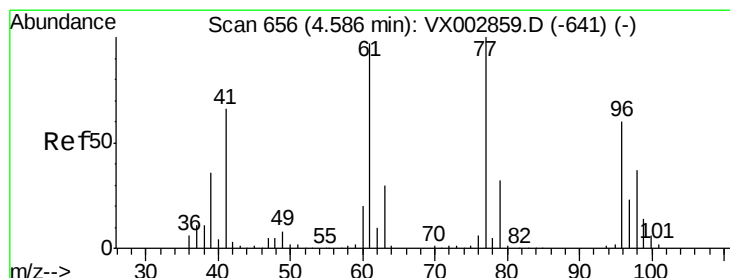
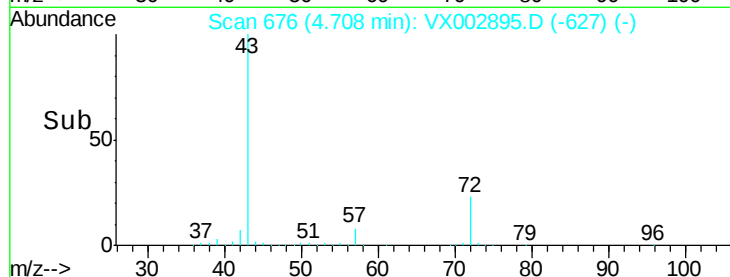
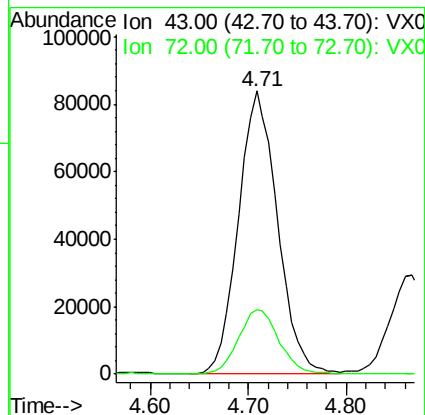
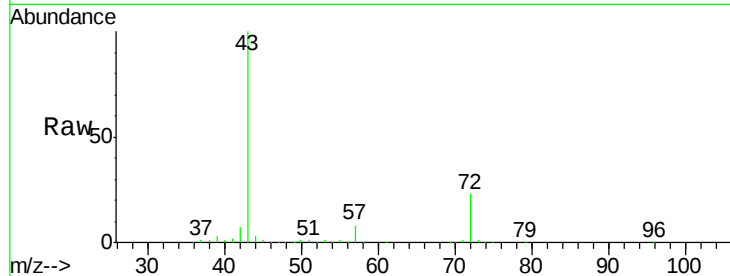
72 22.9 18.5 27.7

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 19.49 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX002895.D

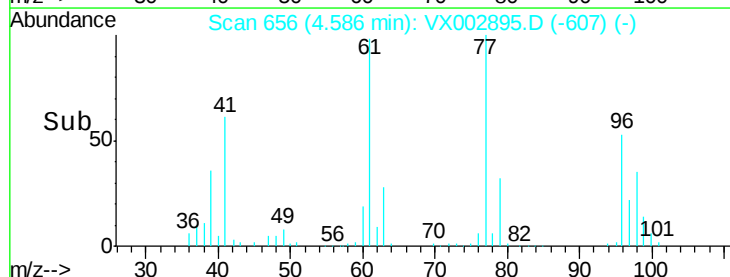
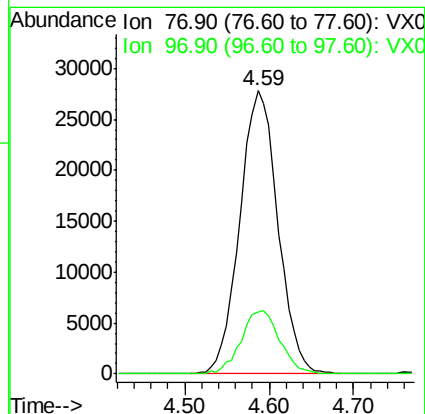
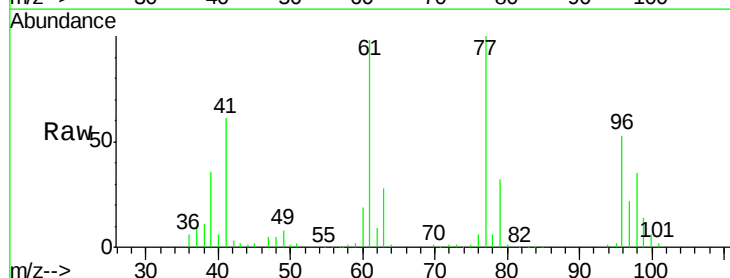
Acq: 26 Jun 2018 13:42

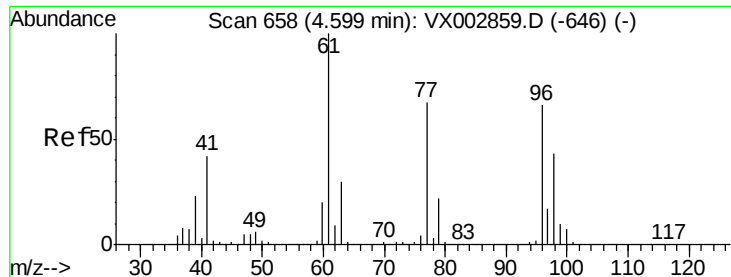
Tgt Ion: 77 Resp: 85294

Ion Ratio Lower Upper

77 100

97 22.8 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 19.14 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX002895.D

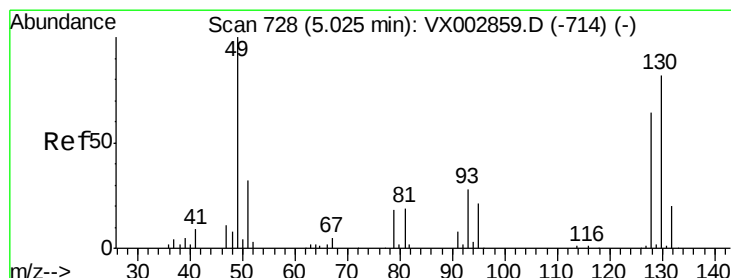
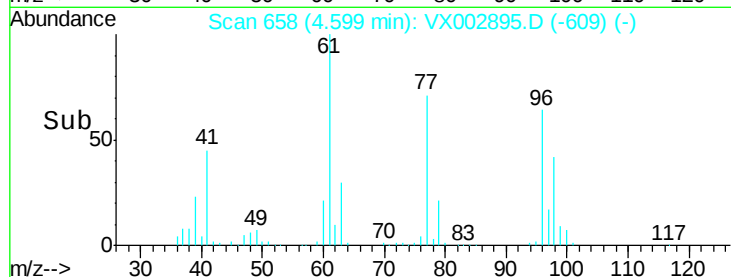
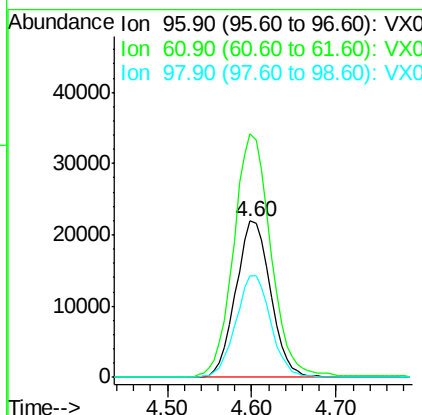
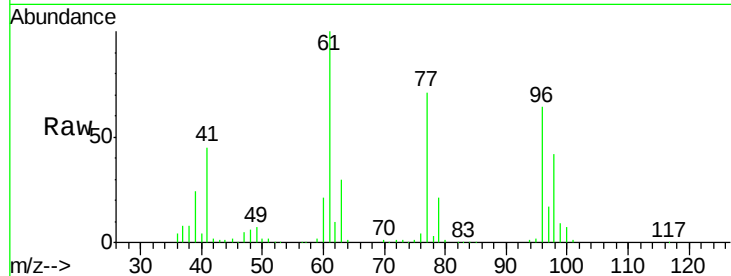
Acq: 26 Jun 2018 13:42

Tot Ion:	96	Resp:	61430
Ion	Ratio	Lower	Upper
96	100		
61	165.5	0.0	330.2
98	65.4	0.0	130.2

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBS01

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#28

Bromochloromethane

Concen: 19.74 ug/l

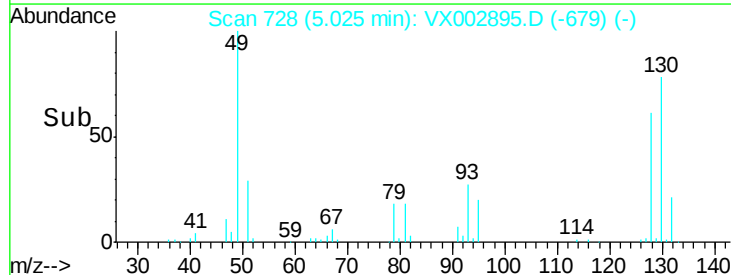
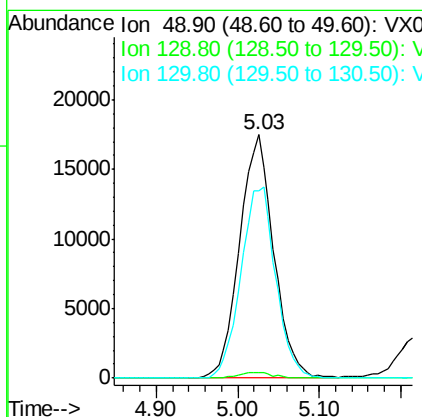
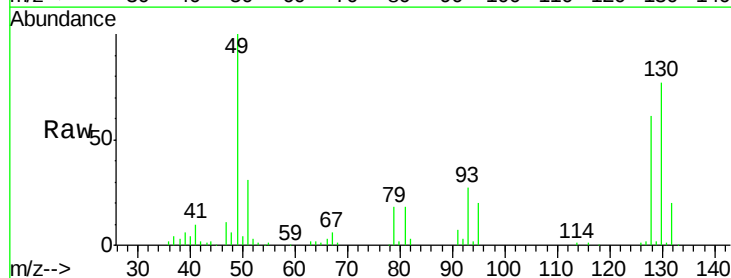
RT: 5.03 min Scan# 728

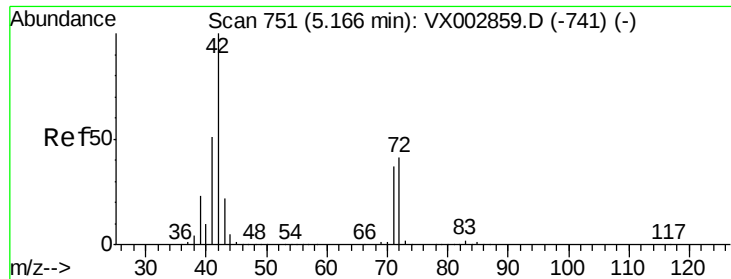
Delta R.T. -0.00 min

Lab File: VX002895.D

Acq: 26 Jun 2018 13:42

Tgt Ion:	49	Resp:	50857
Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.2
130	80.2	61.2	91.8





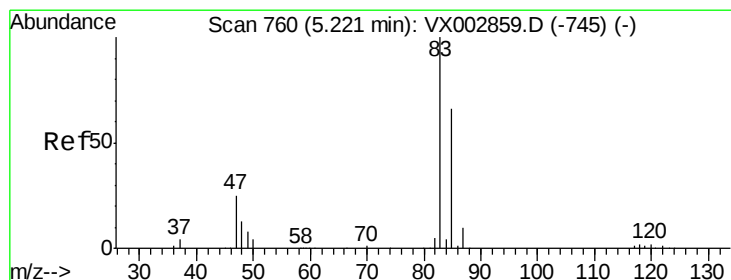
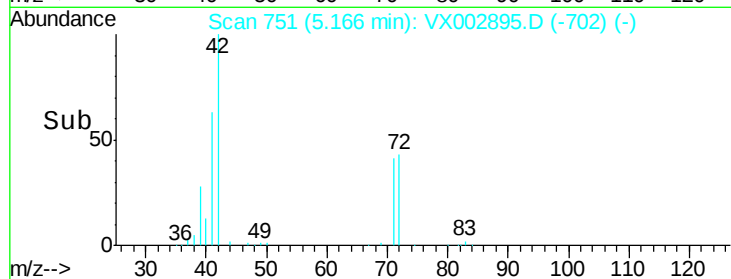
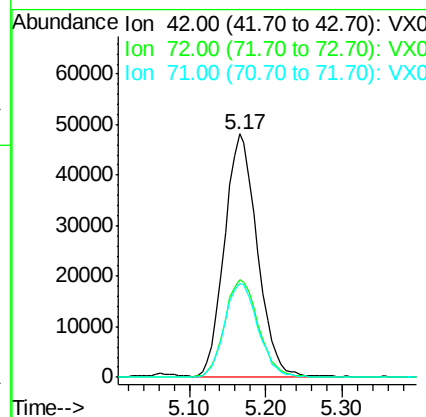
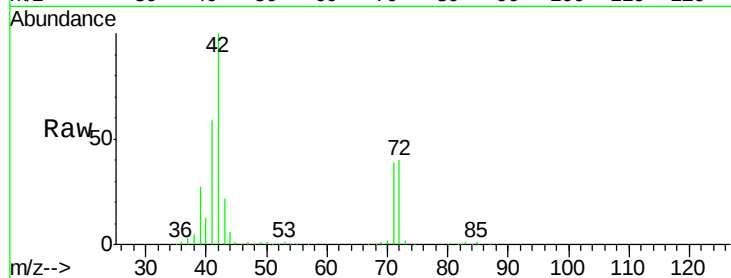
#29
Tetrahydrofuran
Concen: 97.74 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX002895.D
Acq: 26 Jun 2018 13:42

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.7	32.0	48.0
71	39.6	30.1	45.1

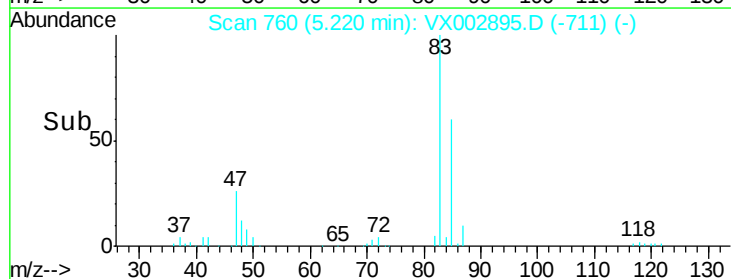
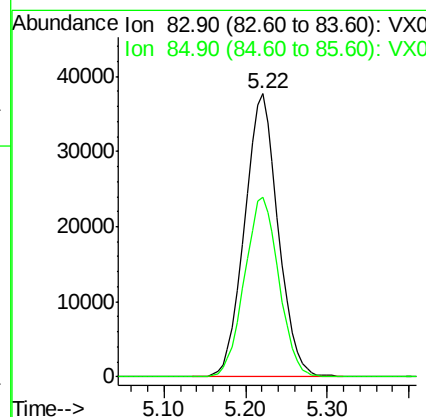
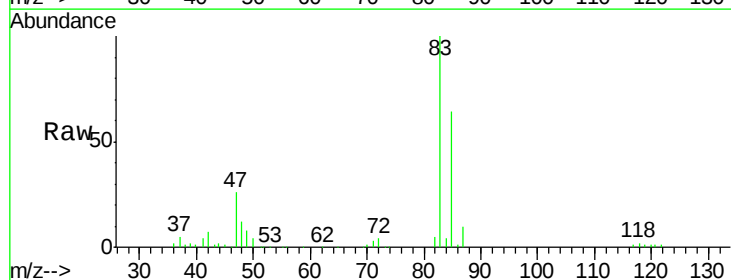
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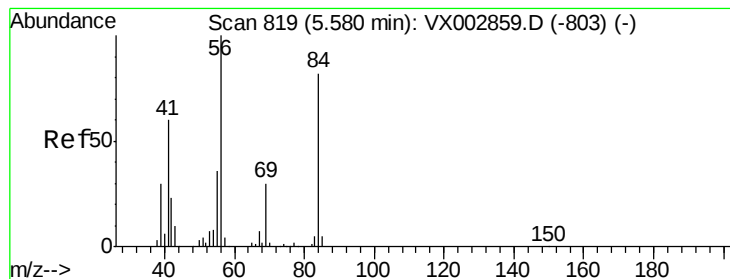
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#30
Chloroform
Concen: 19.45 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002895.D
Acq: 26 Jun 2018 13:42

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.6	50.4	75.6





#31

Cyclohexane

Concen: 18.78 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX002895.D

Acq: 26 Jun 2018 13:42

Instrument :

MSVOA_X

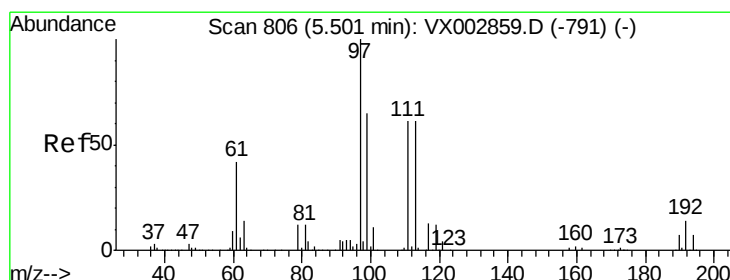
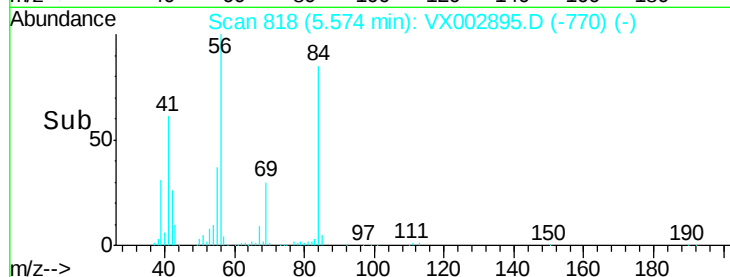
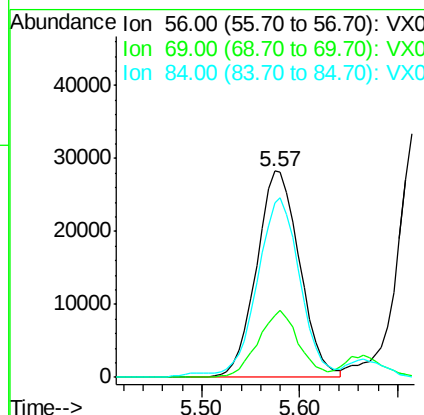
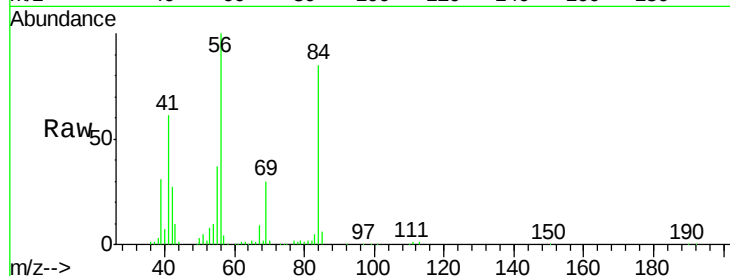
ClientSampleId :

VX0626WBS01

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	30.2	23.7	35.5	
84	82.8	64.1	96.1	

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#32

1,1,1-Trichloroethane

Concen: 19.46 ug/l

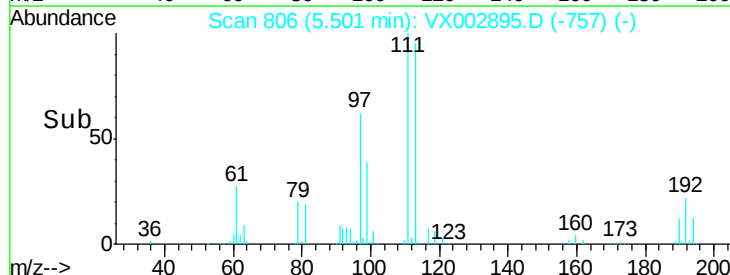
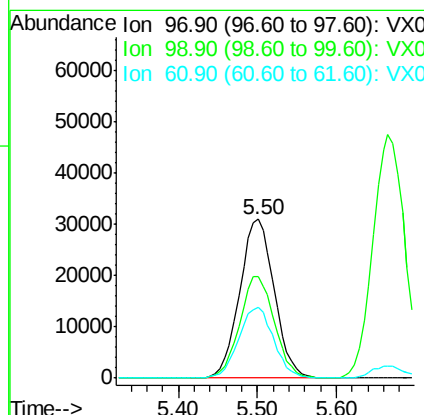
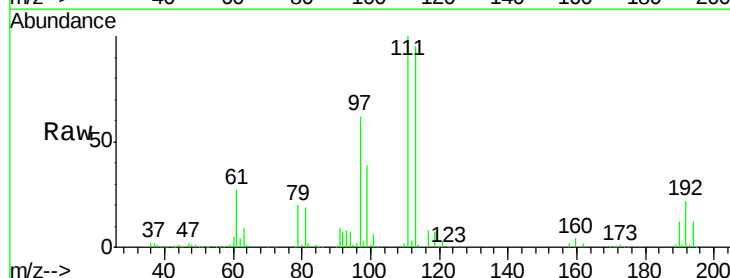
RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX002895.D

Acq: 26 Jun 2018 13:42

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	64.1	51.6	77.4	
61	45.1	36.4	54.6	





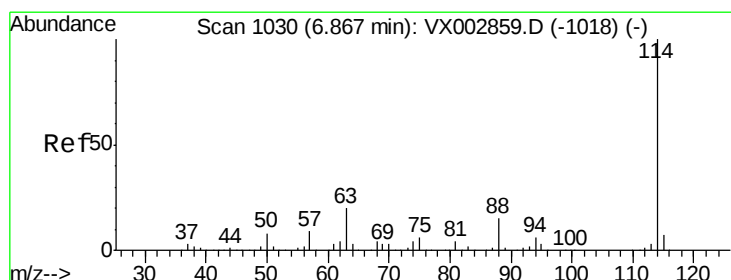
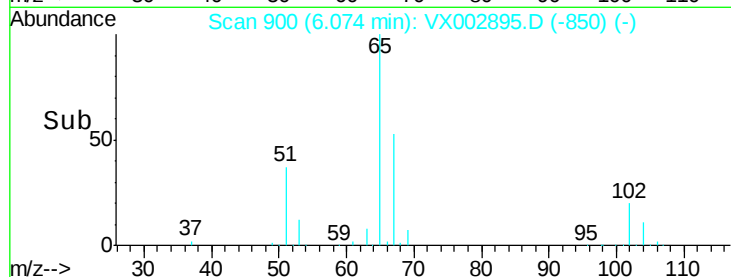
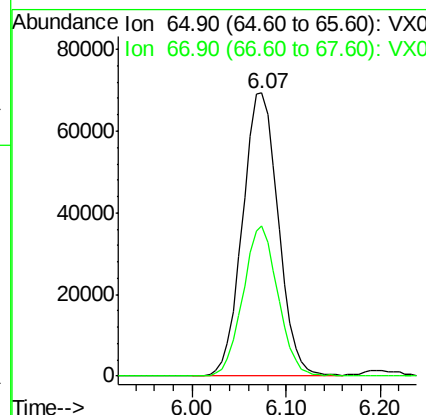
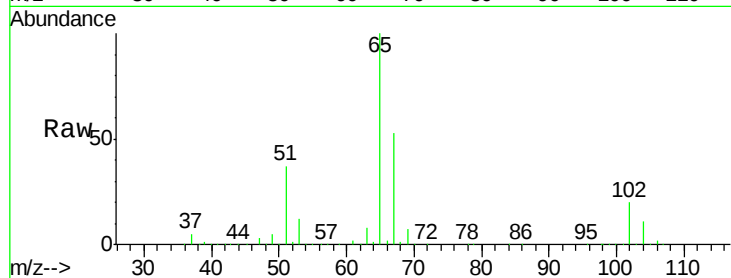
#33
 1,2-Dichloroethane-d4
 Concen: 49.85 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX002895.D
 Acq: 26 Jun 2018 13:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0626WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	183650		
67	51.8	0.0	102.6	

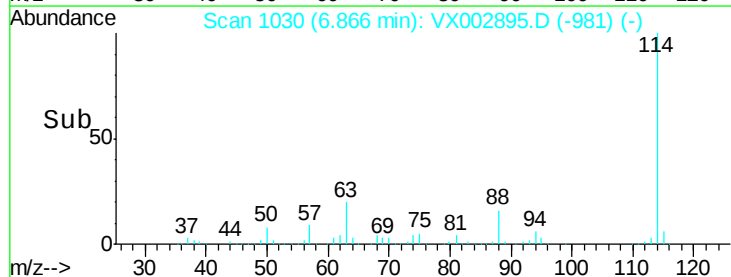
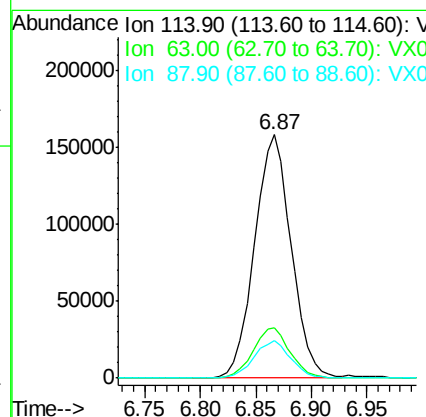
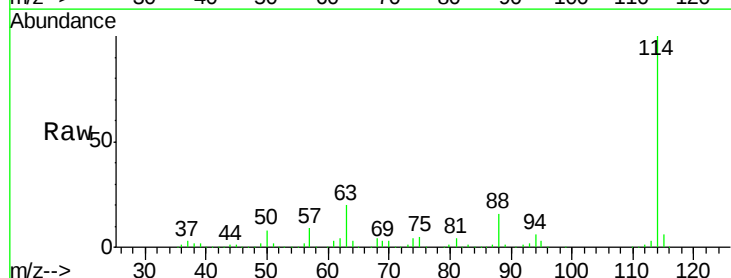
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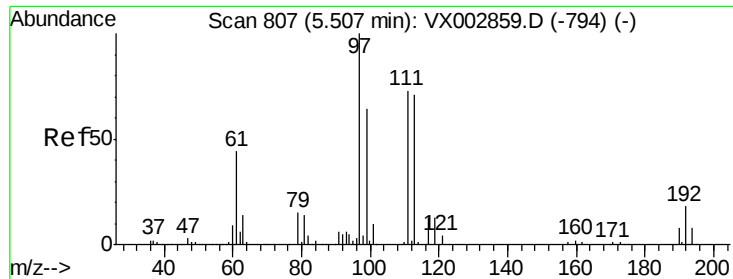
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002895.D
 Acq: 26 Jun 2018 13:42

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	362536		
63	20.4	0.0	41.4	
88	15.6	0.0	30.0	





#35

Dibromofluoromethane

Concen: 50.60 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002895.D

Acq: 26 Jun 2018 13:42

Instrument :

MSVOA_X

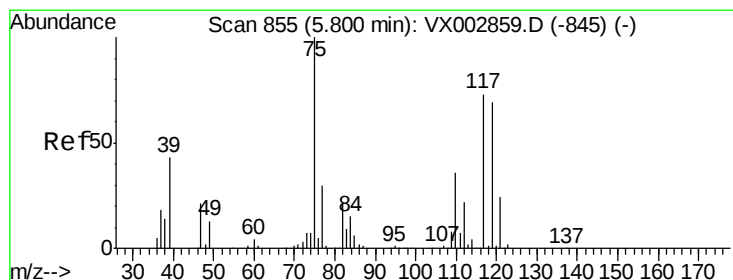
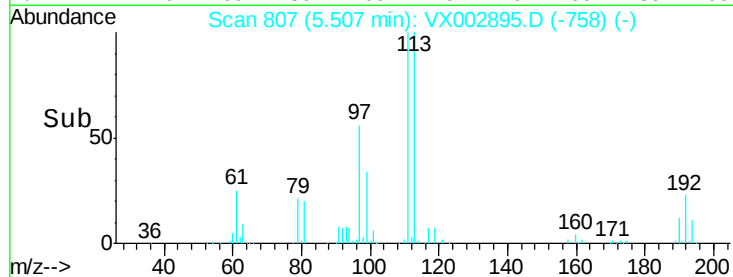
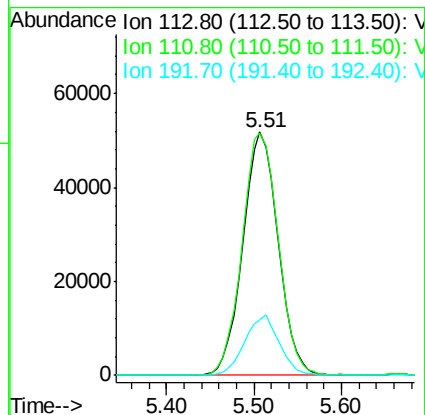
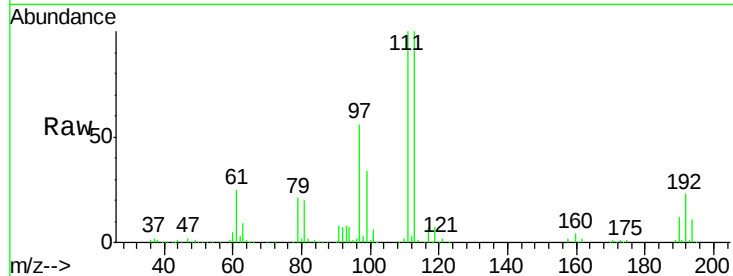
ClientSampleId :

VX0626WBS01

Tot Ion:	113	Resp:	145274
Ion Ratio	Lower	Upper	
113	100		
111	102.3	81.4	122.0
192	24.2	19.1	28.7

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#36

1,1-Dichloropropene

Concen: 18.93 ug/l

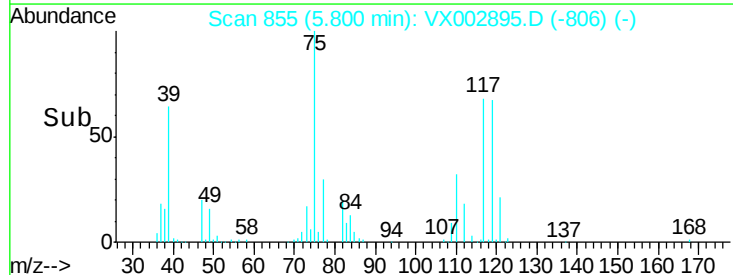
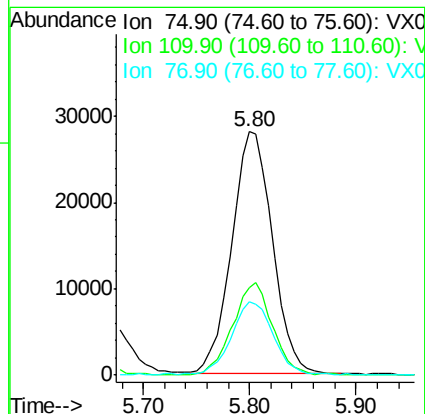
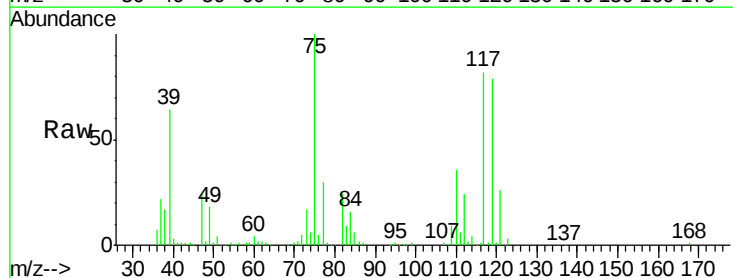
RT: 5.80 min Scan# 855

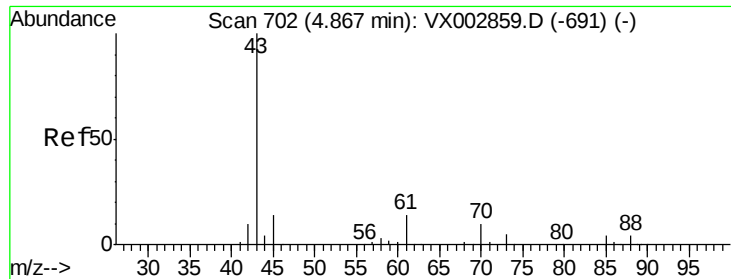
Delta R.T. -0.00 min

Lab File: VX002895.D

Acq: 26 Jun 2018 13:42

Tgt Ion:	75	Resp:	75267
Ion Ratio	Lower	Upper	
75	100		
110	37.4	18.1	54.4
77	30.7	24.3	36.5





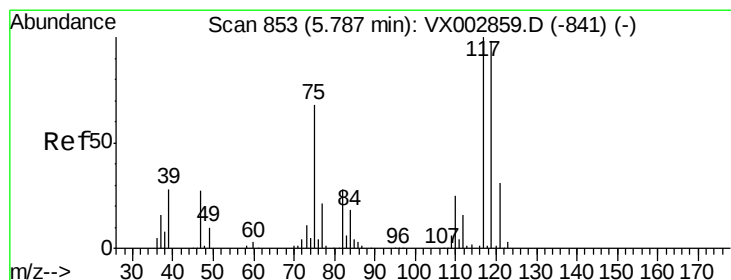
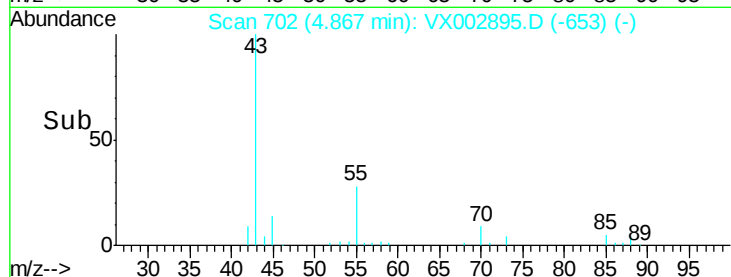
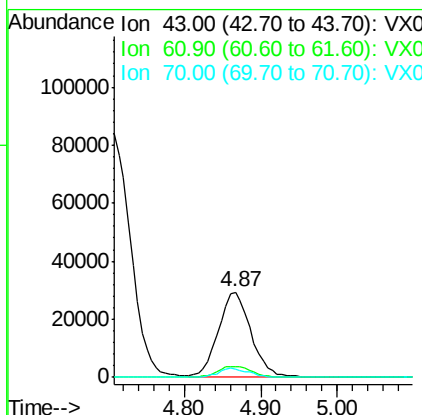
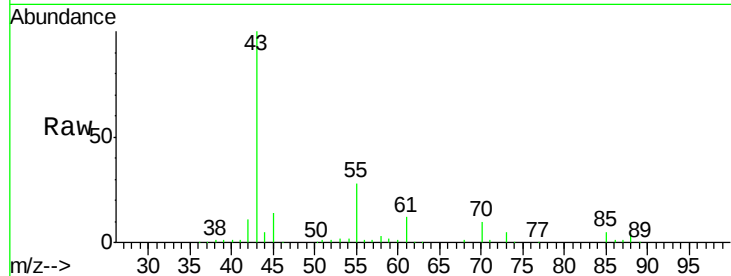
#37
Ethyl Acetate
Concen: 19.94 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX002895.D
Acq: 26 Jun 2018 13:42

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBS01

Tot Ion	43	Resp	85351
Ion Ratio	100	Lower	Upper
43	100		
61	13.8	10.4	15.6
70	10.1	7.6	11.4

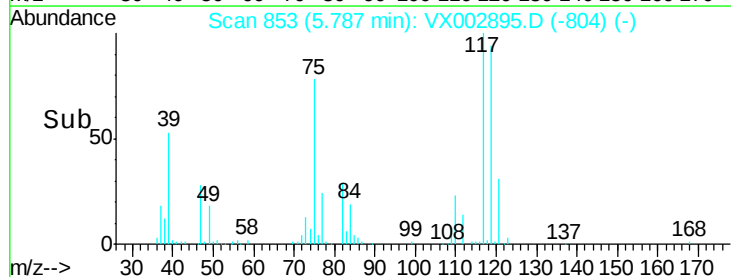
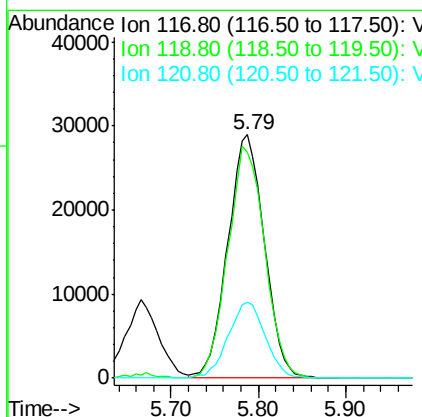
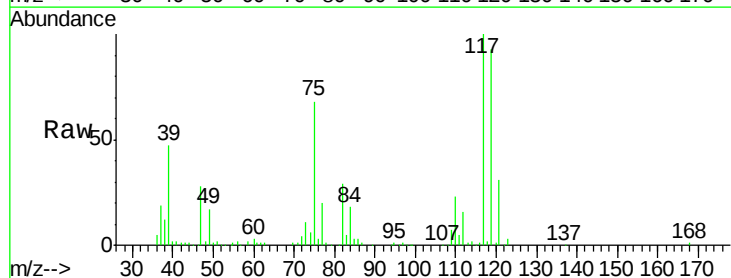
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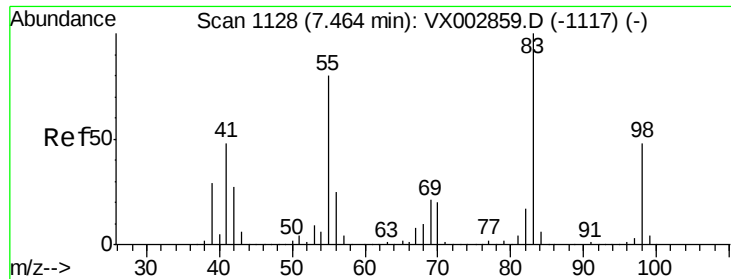
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#38
Carbon Tetrachloride
Concen: 19.35 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002895.D
Acq: 26 Jun 2018 13:42

Tgt Ion	117	Resp	84407
Ion Ratio	100	Lower	Upper
117	100		
119	92.6	77.4	116.0
121	31.1	24.4	36.6





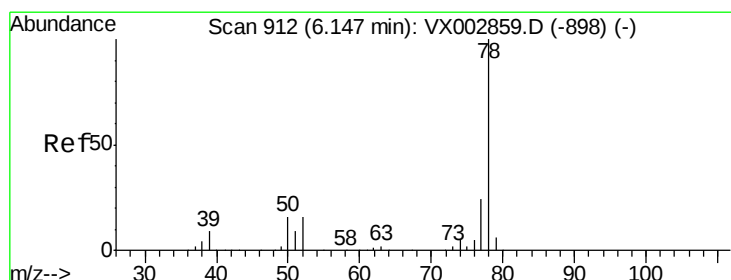
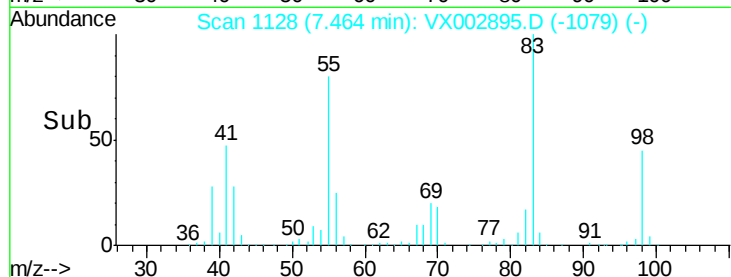
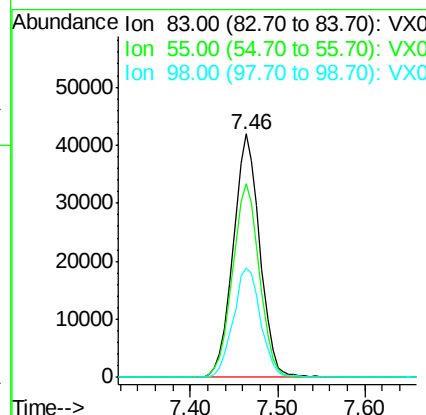
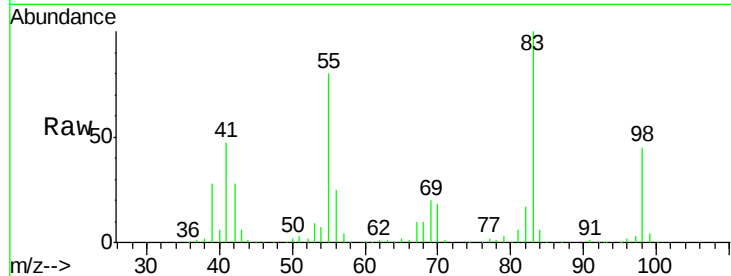
#39
Methvlcvclohexane
Concen: 19.15 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002895.D
Acq: 26 Jun 2018 13:42

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.3	65.4	98.0
98	44.7	37.4	56.0

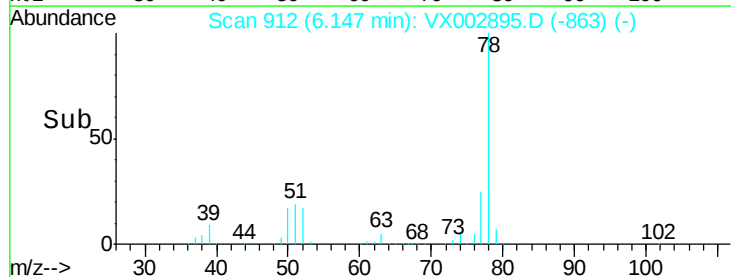
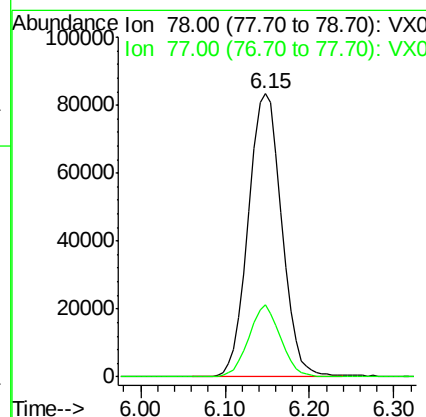
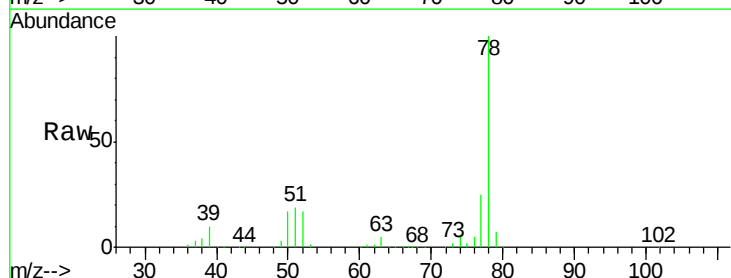
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#40
Benzene
Concen: 19.43 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002895.D
Acq: 26 Jun 2018 13:42

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.4	19.1	28.7





#41

Methacrylonitrile

Concen: 19.49 ug/l

RT: 5.07 min Scan# 735

Delta R.T. -0.00 min

Lab File: VX002895.D

Acq: 26 Jun 2018 13:42

Instrument :

MSVOA_X

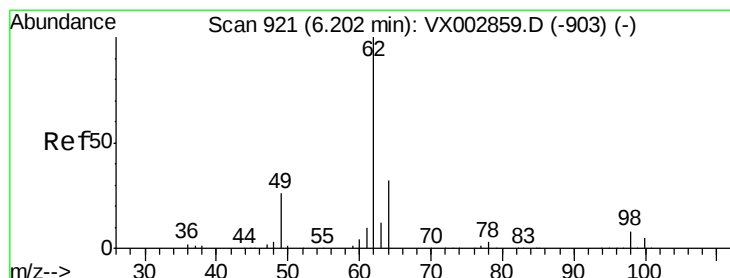
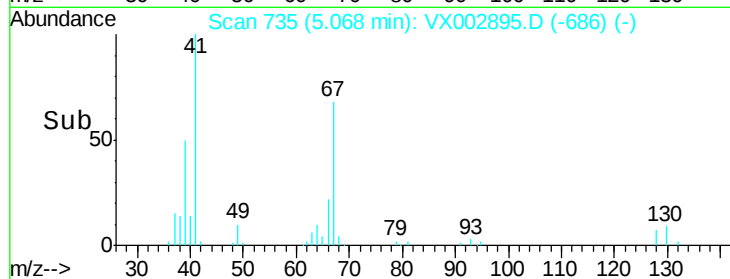
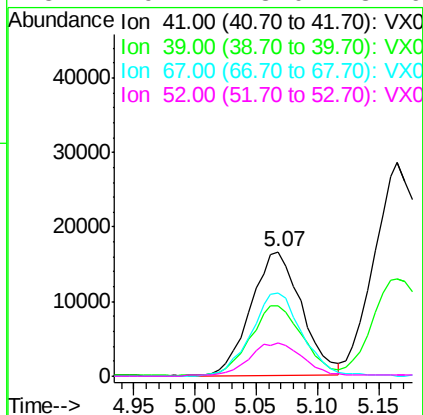
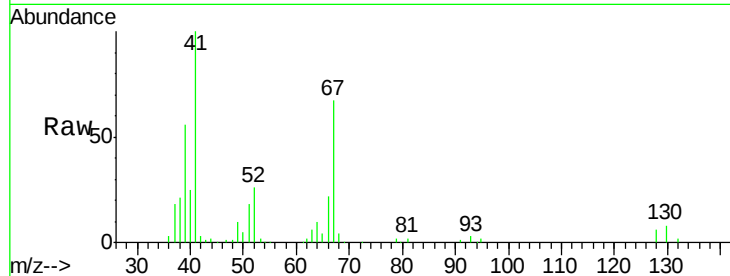
ClientSampleId :

VX0626WBS01

Tot Ion:	41	Resp:	48046
Ion	Ratio	Lower	Upper
41	100		
39	58.4	45.8	68.6
67	67.8	51.3	76.9
52	29.4	23.0	34.6

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#42

1,2-Dichloroethane

Concen: 19.59 ug/l

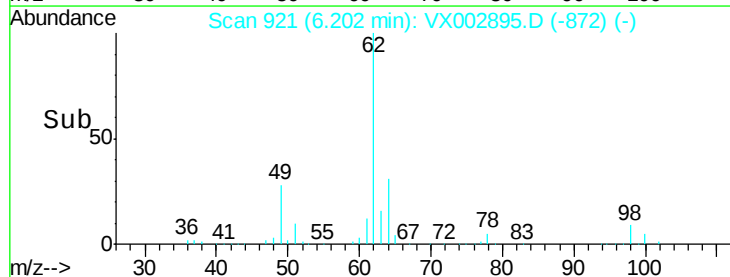
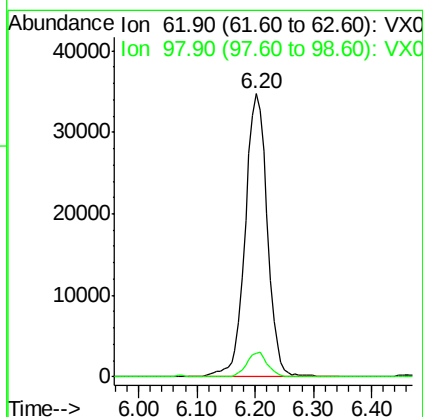
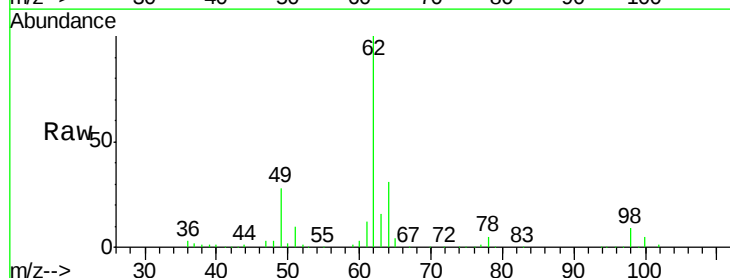
RT: 6.20 min Scan# 921

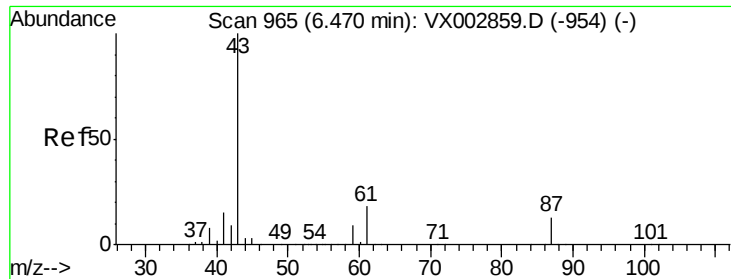
Delta R.T. -0.00 min

Lab File: VX002895.D

Acq: 26 Jun 2018 13:42

Tgt Ion:	62	Resp:	91392
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	16.6





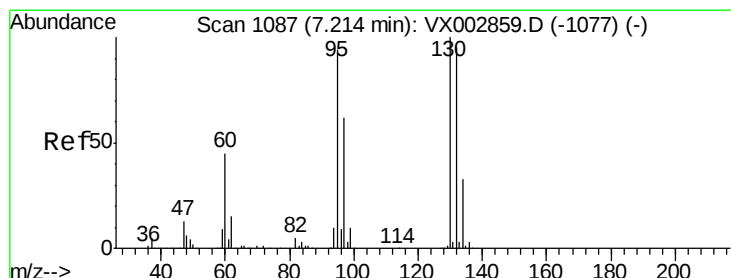
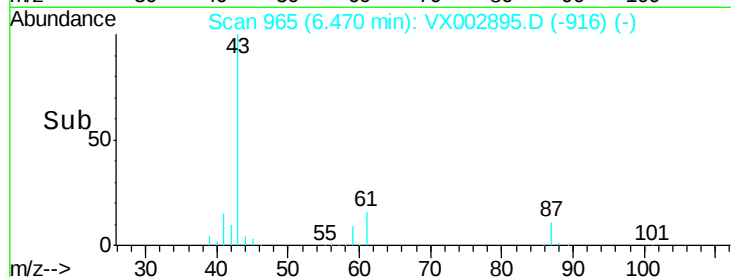
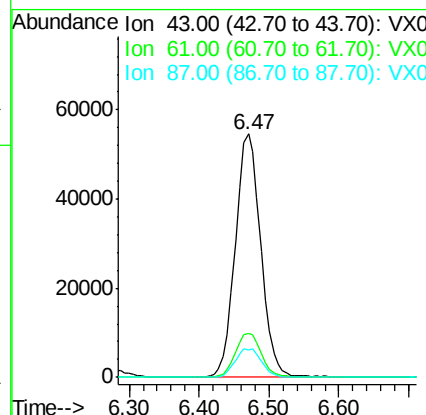
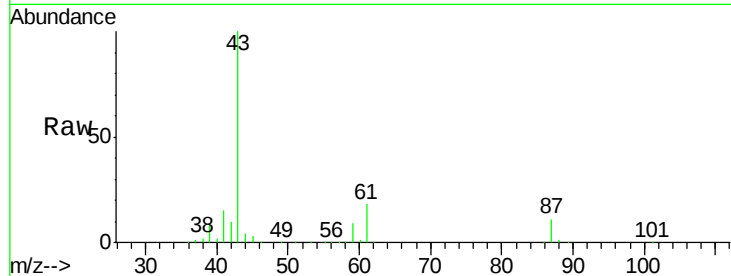
#43
Isopropyl Acetate
Concen: 19.08 ug/l
RT: 6.47 min Scan# 965
Delta R.T. -0.00 min
Lab File: VX002895.D
Acq: 26 Jun 2018 13:42

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.7	14.4	21.6
87	12.4	9.5	14.3

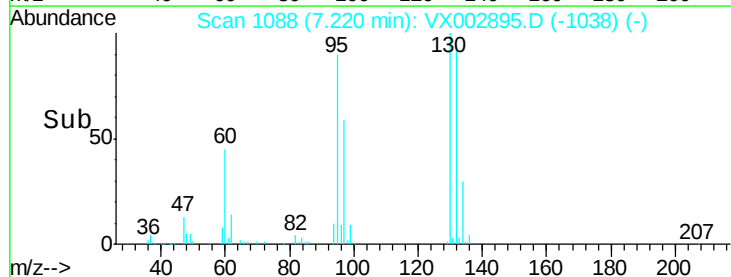
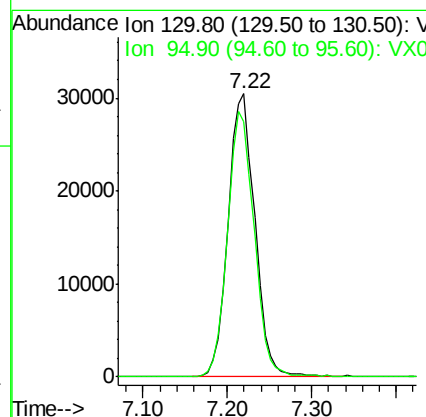
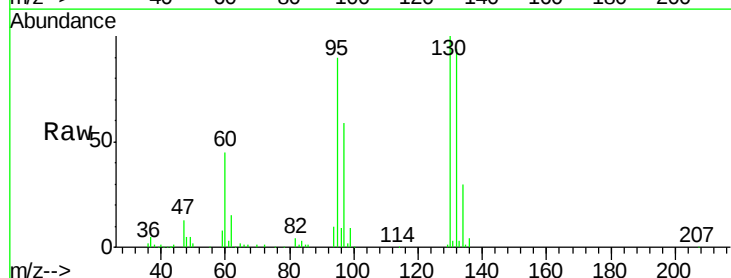
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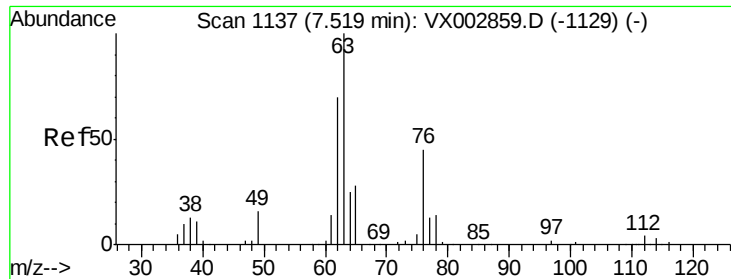
MMDadoda
6/28/2018 3:12:07 PM



#44
Trichloroethene
Concen: 19.11 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX002895.D
Acq: 26 Jun 2018 13:42

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.3	0.0	185.4





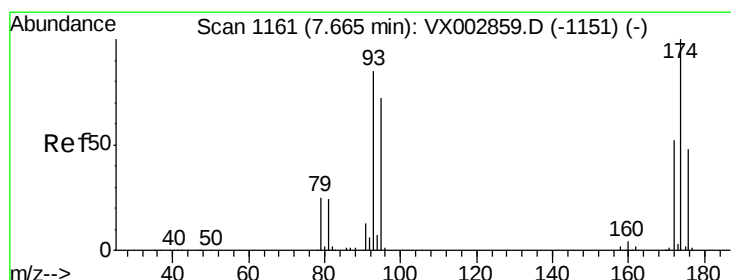
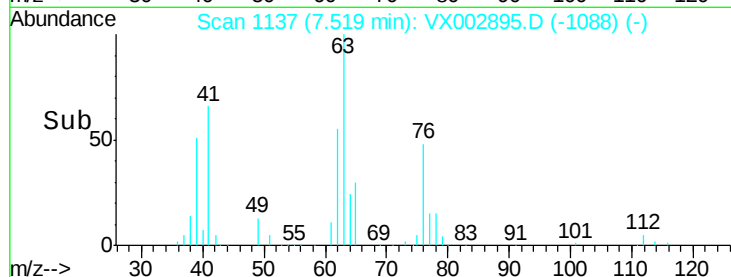
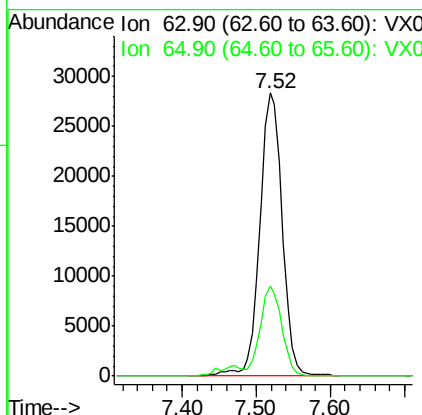
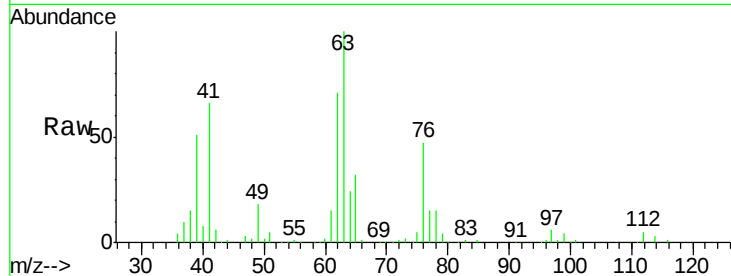
#45
 1,2-Dichloropropane
 Concen: 19.63 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX002895.D
 Acq: 26 Jun 2018 13:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0626WBS01

Tot Ion: 63 Resp: 60143
 Ion Ratio Lower Upper
 63 100
 65 31.7 24.7 37.1

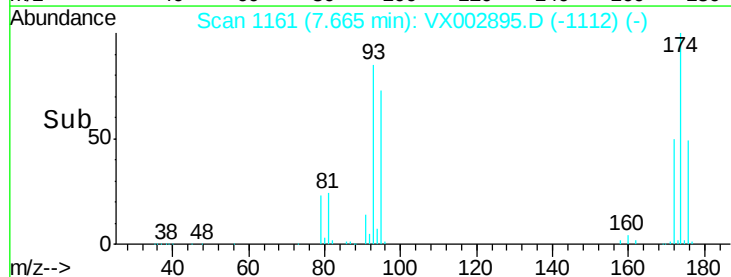
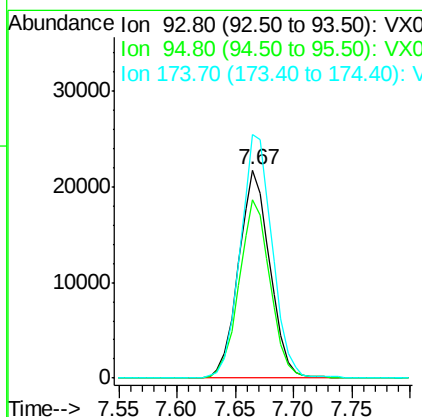
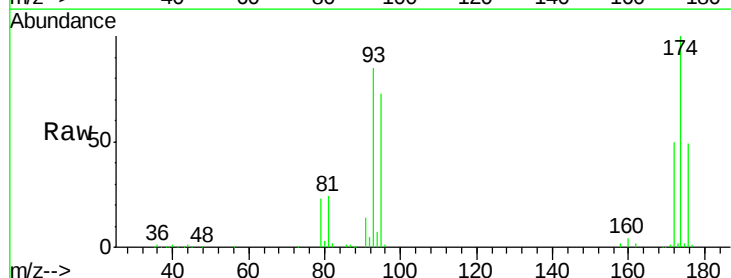
Manual Integrations
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#46
 Dibromomethane
 Concen: 19.19 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX002895.D
 Acq: 26 Jun 2018 13:42

Tgt Ion: 93 Resp: 40807
 Ion Ratio Lower Upper
 93 100
 95 84.9 65.9 98.9
 174 119.2 92.4 138.6





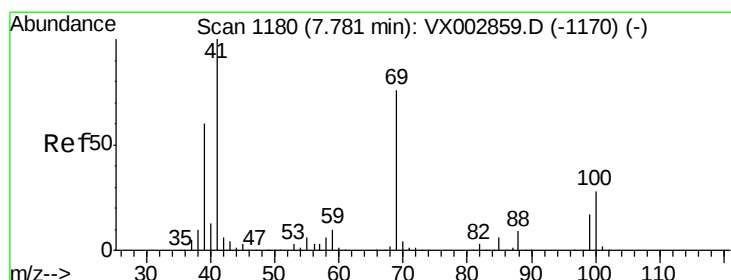
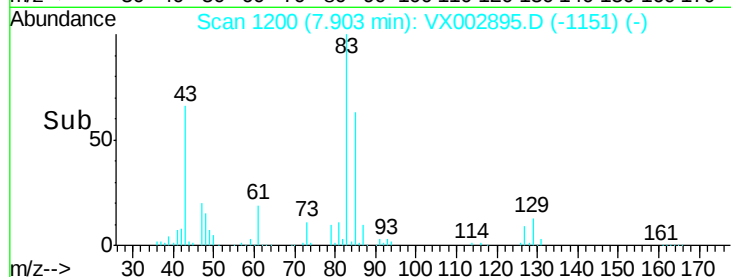
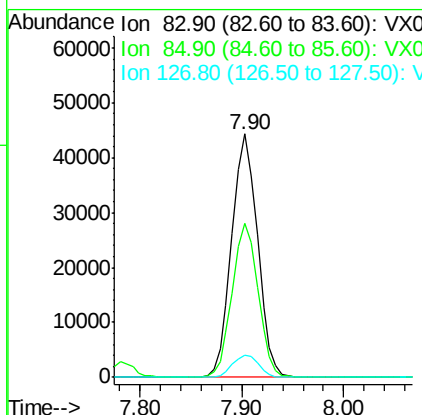
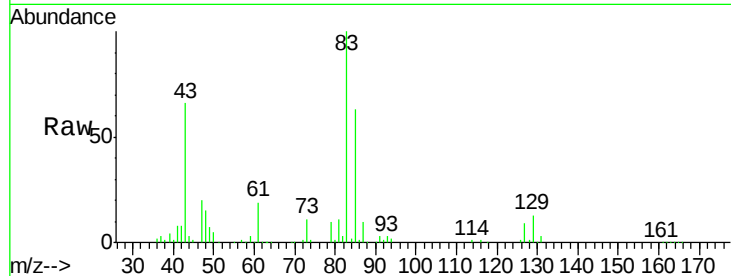
#47
 Bromodichloromethane
 Concen: 19.82 ug/l
 RT: 7.90 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: VX002895.D
 Acq: 26 Jun 2018 13:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0626WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
85	63.1	50.3	75.5
127	9.2	7.0	10.4

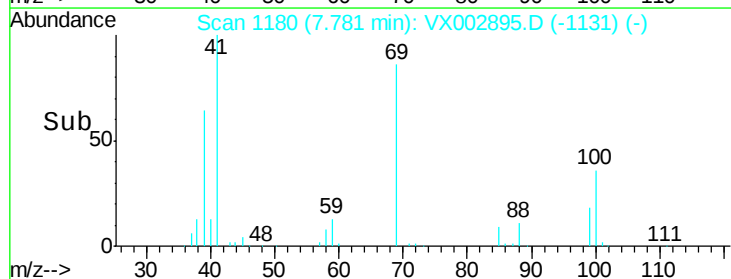
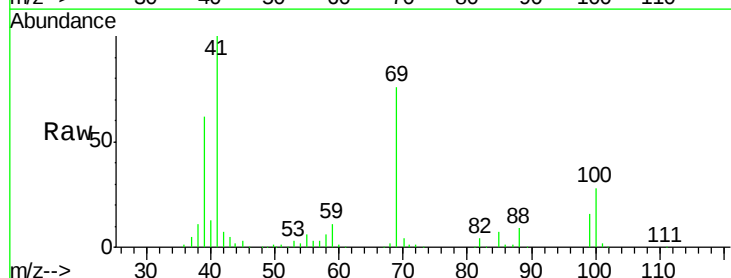
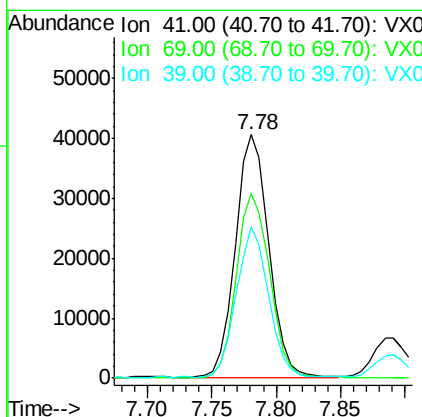
Manual Integrations
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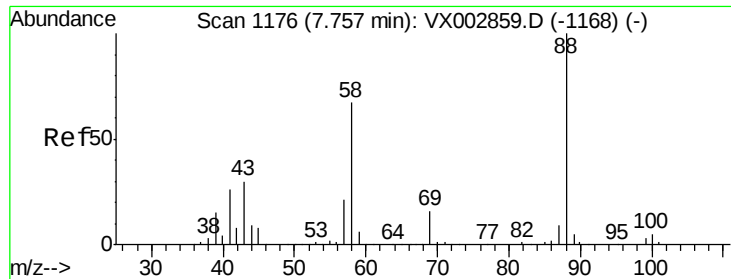
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 6/28/2018 3:12:07 PM



#48
 Methyl methacrylate
 Concen: 19.57 ug/l
 RT: 7.78 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VX002895.D
 Acq: 26 Jun 2018 13:42

Tgt Ion	Ratio	Lower	Upper
41	100		
69	77.6	59.1	88.7
39	60.6	48.9	73.3





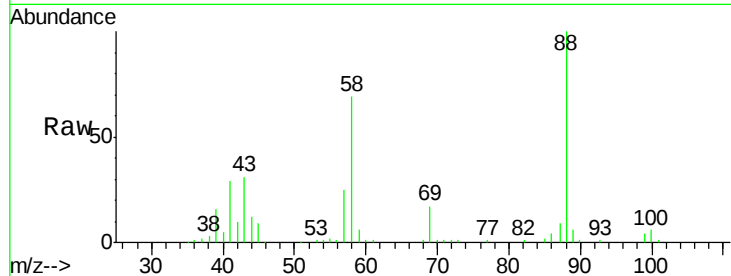
#49
1,4-Dioxane
Concen: 401.09 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX002895.D
Acq: 26 Jun 2018 13:42

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.6	29.8	44.6
58	71.5	57.1	85.7

Manual Integrations
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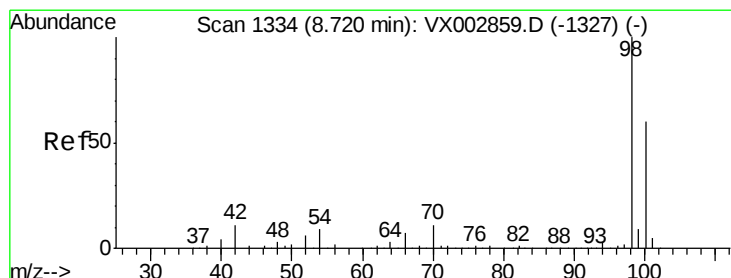
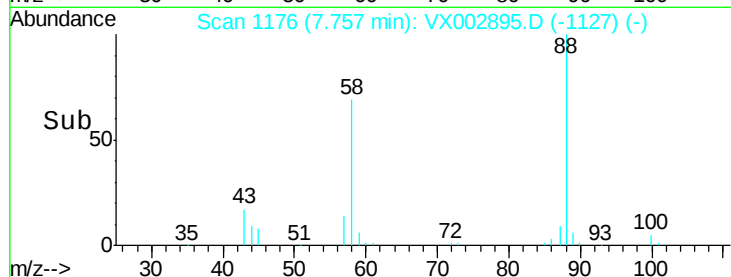
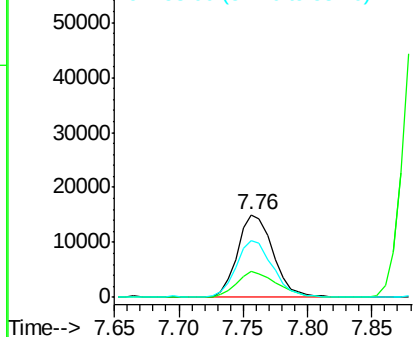


Abundance

Ion 88.00 (87.70 to 88.70): VX0

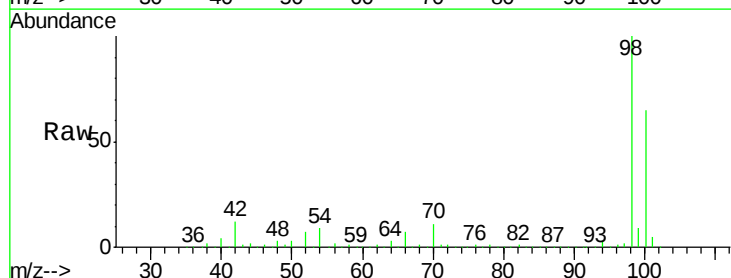
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 50.89 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002895.D
Acq: 26 Jun 2018 13:42

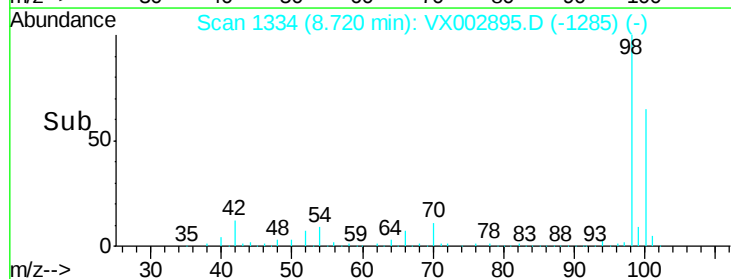
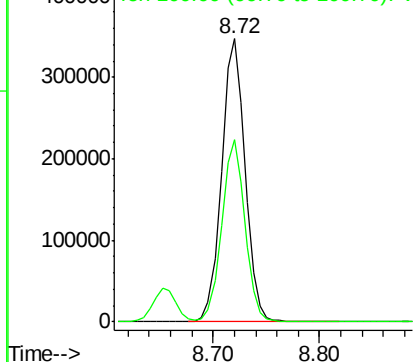
Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	50.9	76.3

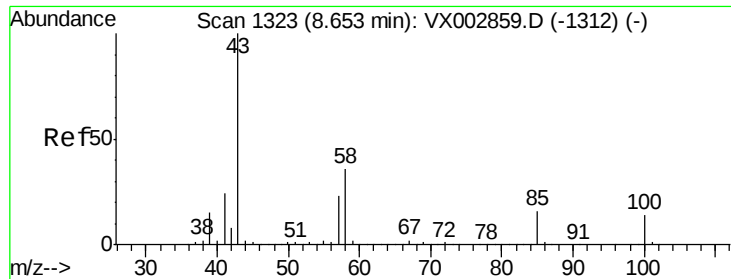


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





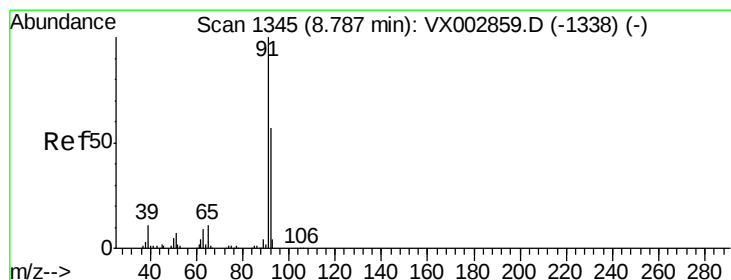
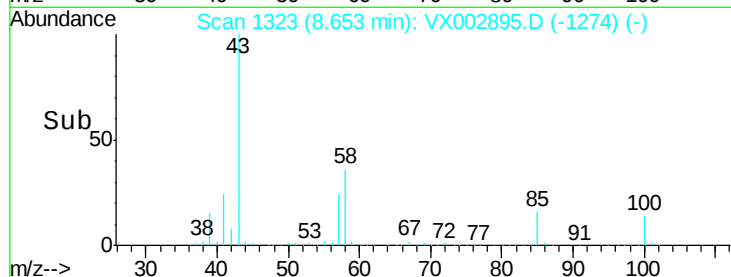
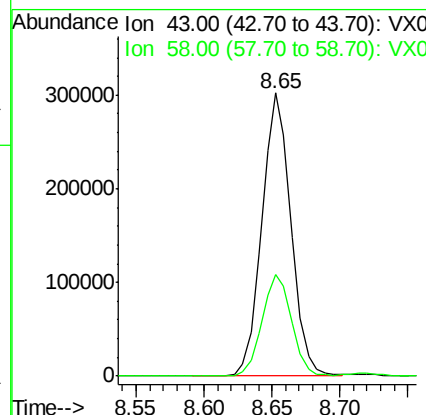
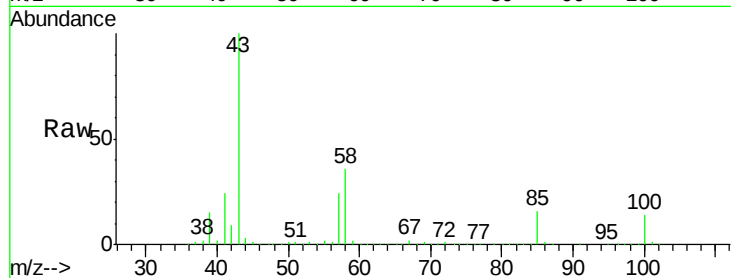
#51
4-Methyl-2-Pentanone
Concen: 100.61 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.00 min
Lab File: VX002895.D
Acq: 26 Jun 2018 13:42

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	36.5	28.6	42.8

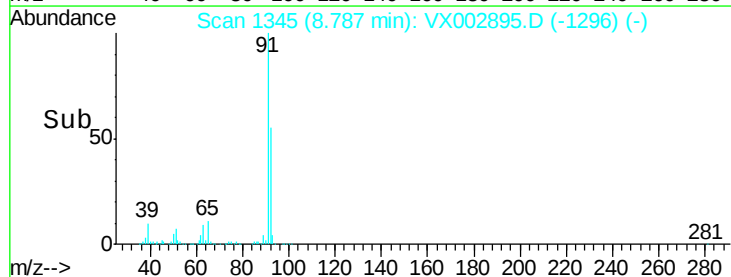
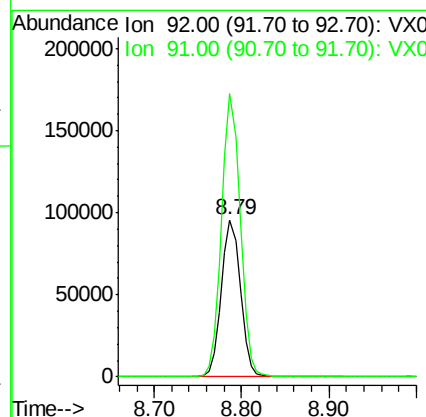
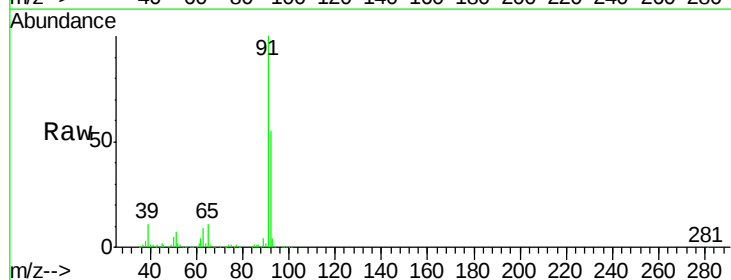
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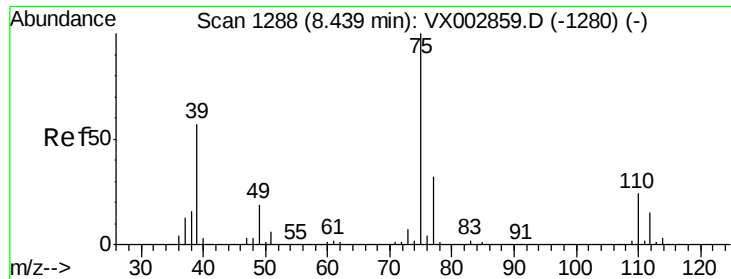
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#52
Toluene
Concen: 19.69 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VX002895.D
Acq: 26 Jun 2018 13:42

Tgt Ion	Ratio	Lower	Upper
92	100		
91	175.9	140.4	210.6





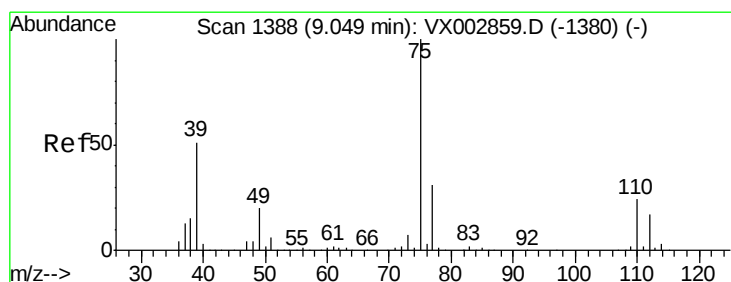
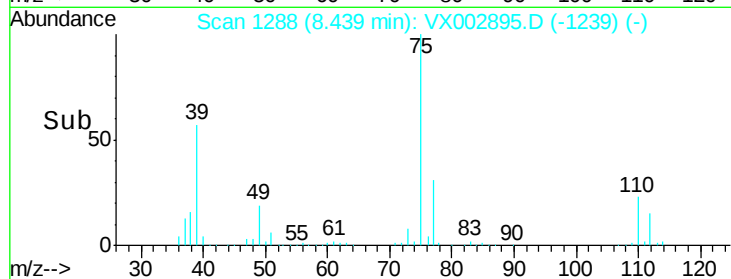
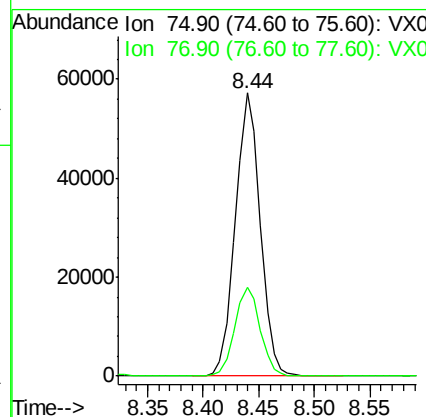
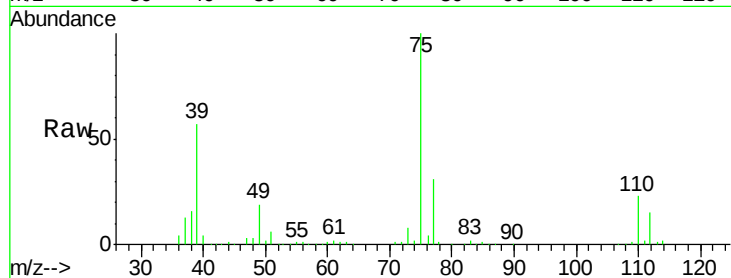
#53
t-1,3-Dichloropropene
Concen: 19.86 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX002895.D
Acq: 26 Jun 2018 13:42

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBS01

Tot Ion: 75 Resp: 88407
Ion Ratio Lower Upper
75 100
77 31.1 25.4 38.2

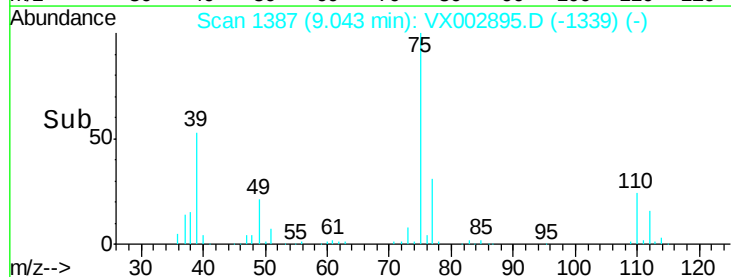
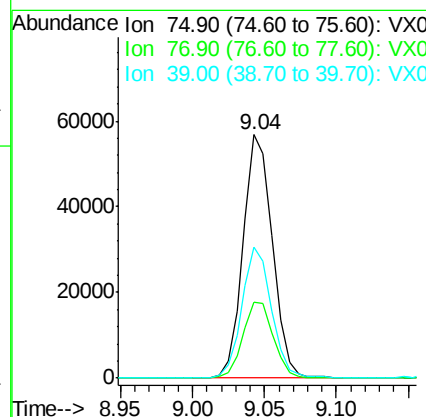
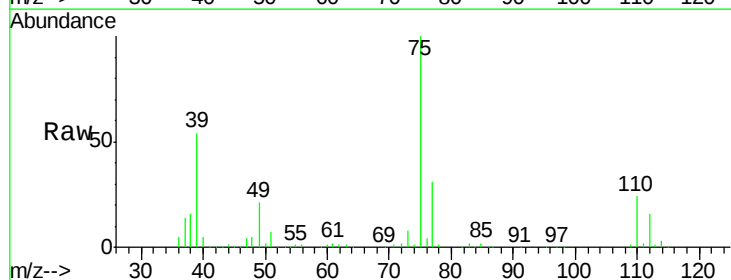
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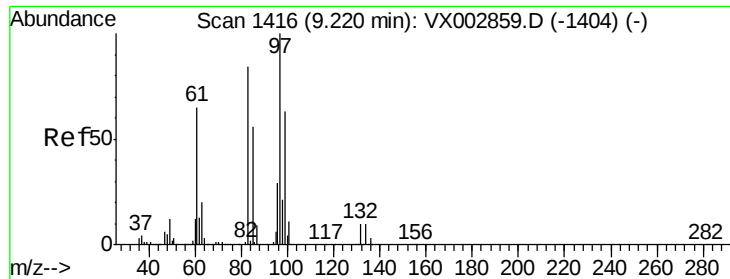
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#54
cis-1,3-Dichloropropene
Concen: 18.79 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. -0.01 min
Lab File: VX002895.D
Acq: 26 Jun 2018 13:42

Tgt Ion: 75 Resp: 80496
Ion Ratio Lower Upper
75 100
77 31.1 24.8 37.2
39 53.3 42.4 63.6





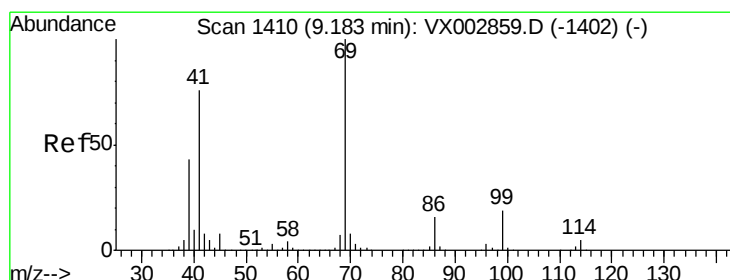
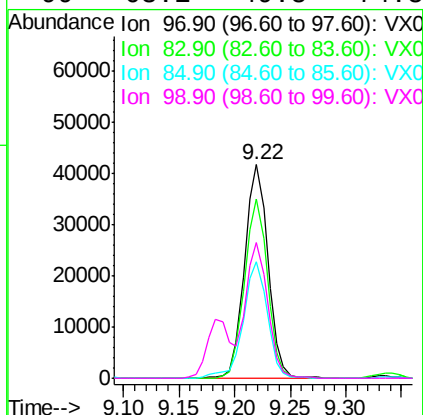
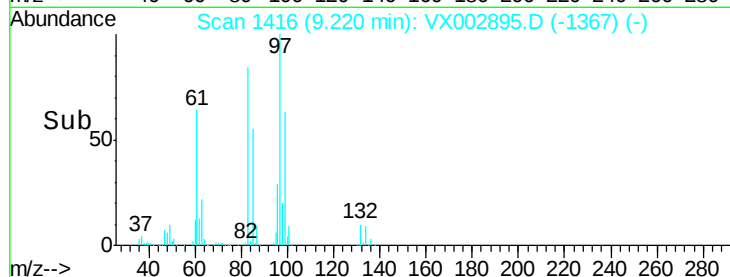
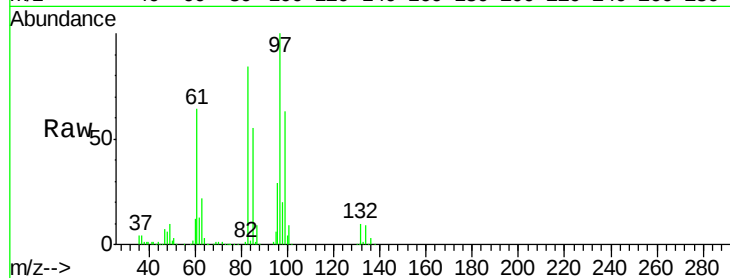
#55
 1,1,2-Trichloroethane
 Concen: 20.15 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002895.D
 Acq: 26 Jun 2018 13:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0626WBS01

Tot Ion	Ratio	Lower	Upper
97	100		
83	84.0	70.2	105.2
85	54.8	44.9	67.3
99	63.1	49.8	74.8

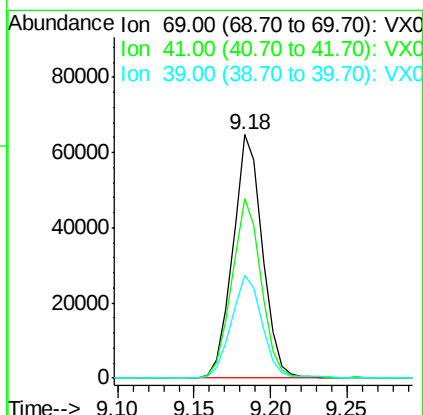
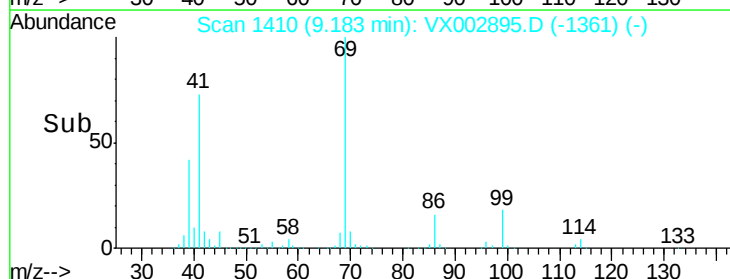
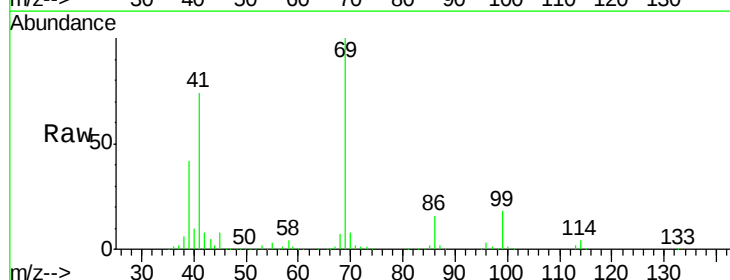
Manual Integrations
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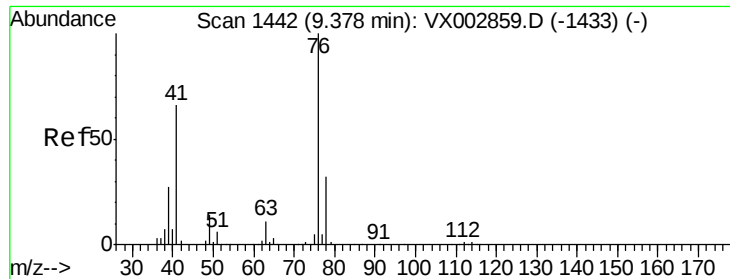
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#56
 Ethyl methacrylate
 Concen: 19.43 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002895.D
 Acq: 26 Jun 2018 13:42

Tgt Ion	Ratio	Lower	Upper
69	100		
41	72.9	60.3	90.5
39	43.7	35.8	53.8





#57

1,3-Dichloropropane

Concen: 19.56 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002895.D

Acq: 26 Jun 2018 13:42

Instrument :

MSVOA_X

ClientSampleId :

VX0626WBS01

Tot Ion: 76 Resp: 97710

Ion Ratio Lower Upper

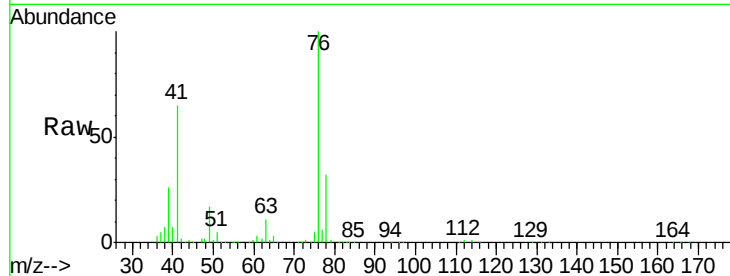
76 100

78 33.0 25.8 38.6

Manual Integrations
APPROVED

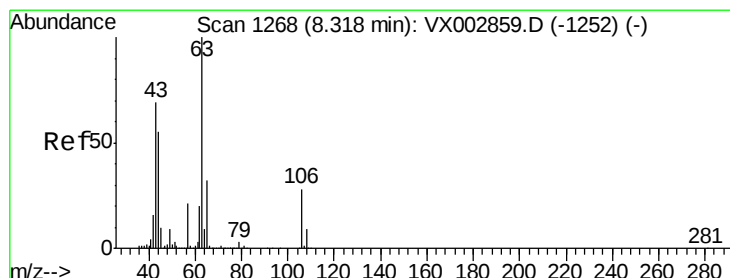
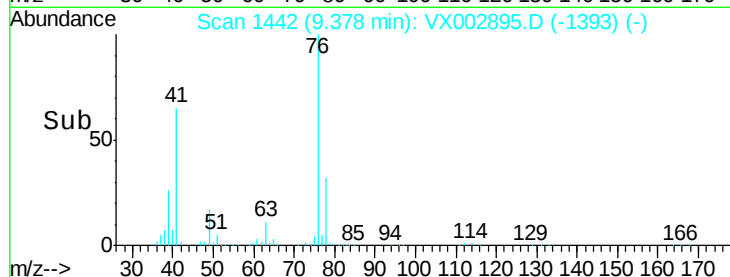
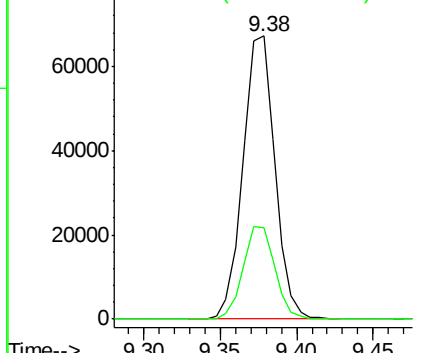
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 106.97 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX002895.D

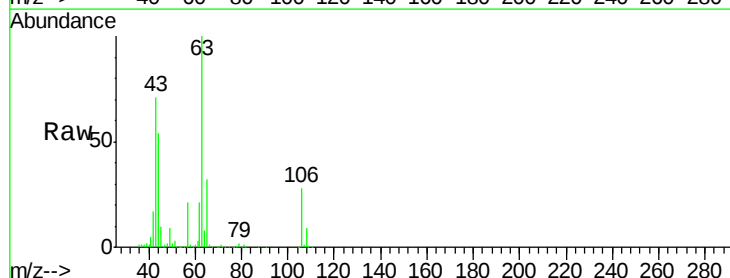
Acq: 26 Jun 2018 13:42

Tgt Ion: 63 Resp: 229341

Ion Ratio Lower Upper

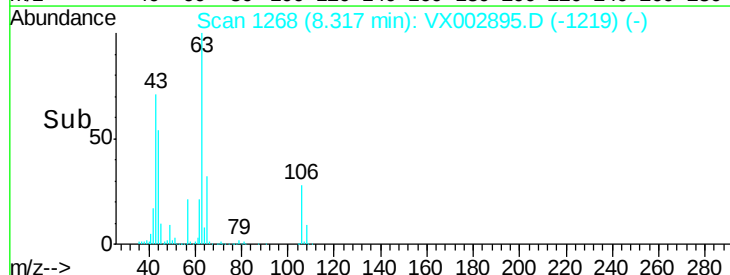
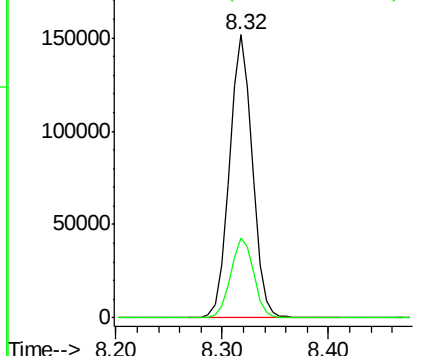
63 100

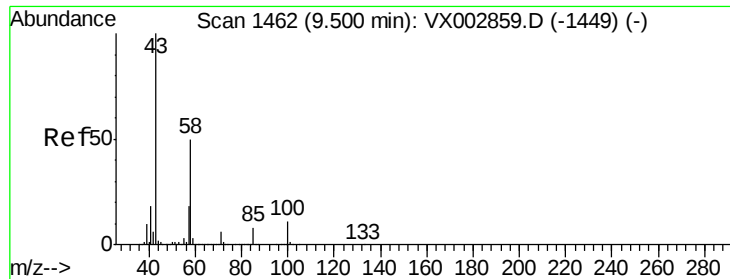
106 28.1 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





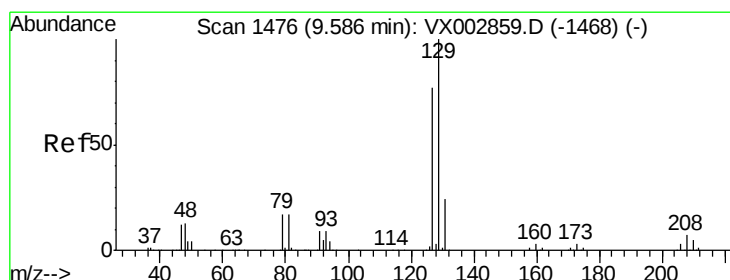
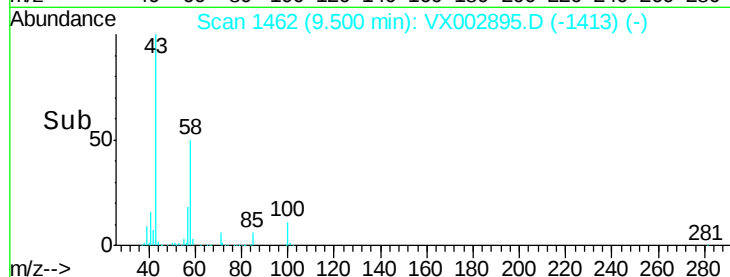
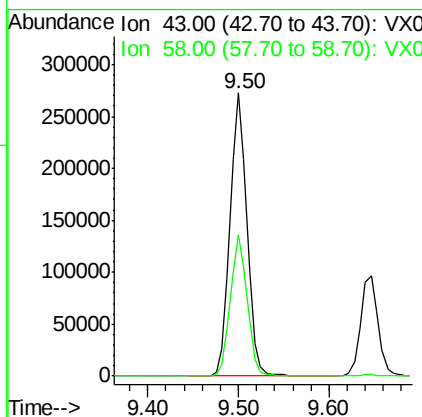
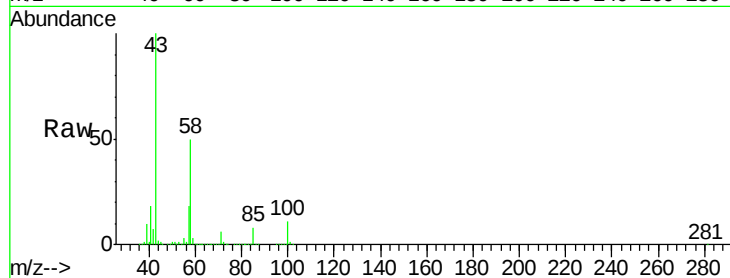
#59
2-Hexanone
Concen: 103.85 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002895.D
Acq: 26 Jun 2018 13:42

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	49.6	24.6	73.6

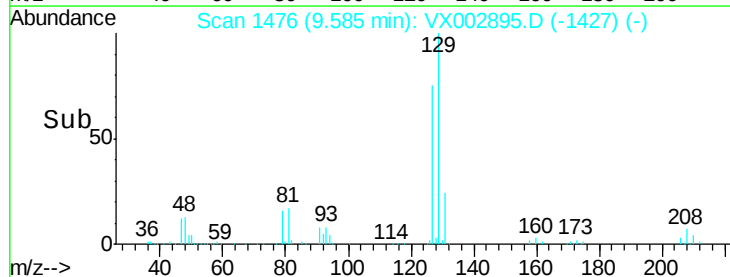
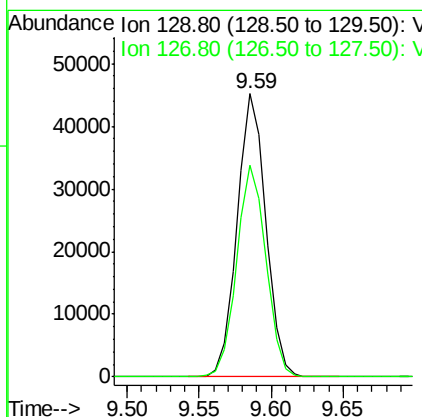
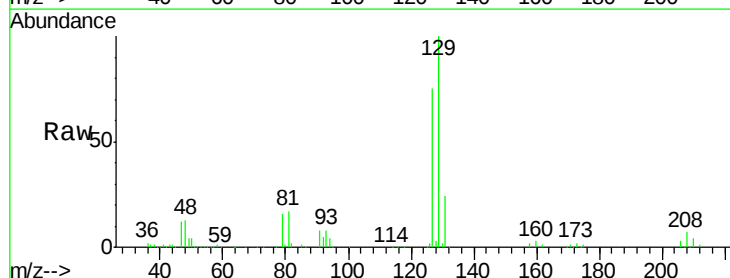
Manual Integrations
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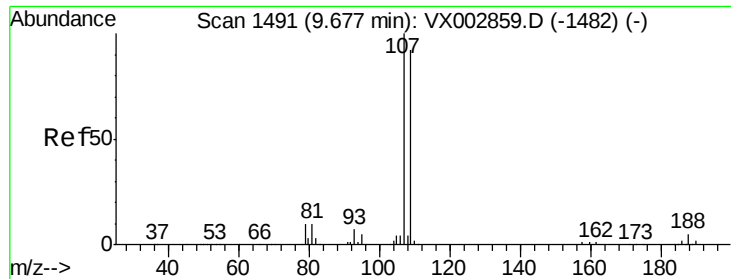
MMDadoda
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#60
Dibromochloromethane
Concen: 19.64 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002895.D
Acq: 26 Jun 2018 13:42

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.0	38.5	115.3





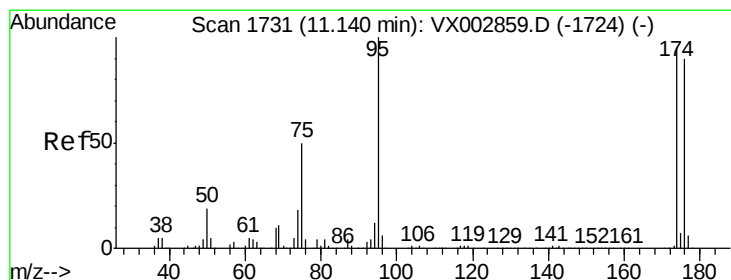
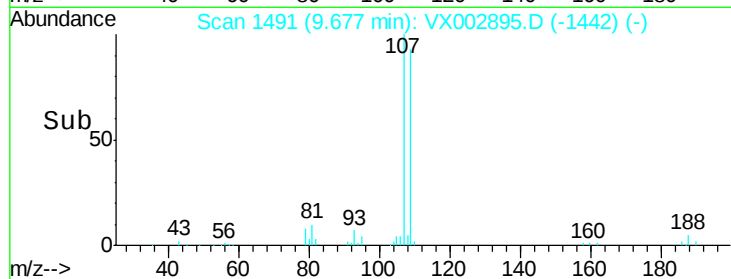
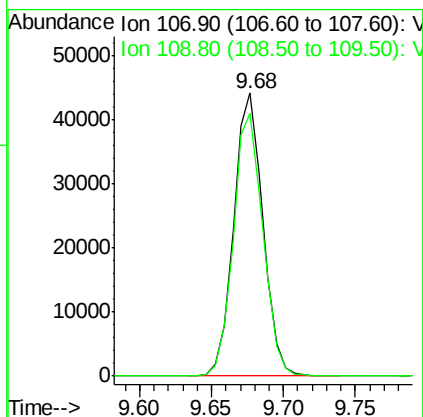
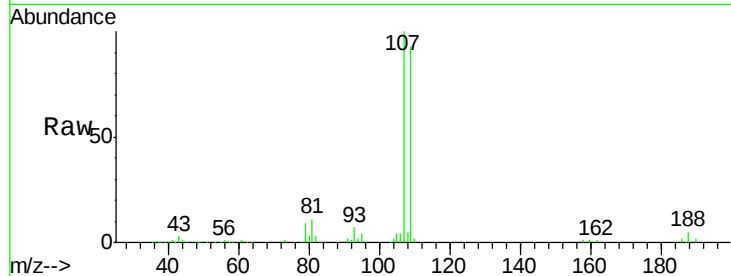
#61
 1,2-Dibromoethane
 Concen: 19.58 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. -0.00 min
 Lab File: VX002895.D
 Acq: 26 Jun 2018 13:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0626WBS01

Tot Ion:107 Resp: 62445
 Ion Ratio Lower Upper
 107 100
 109 94.4 75.3 112.9

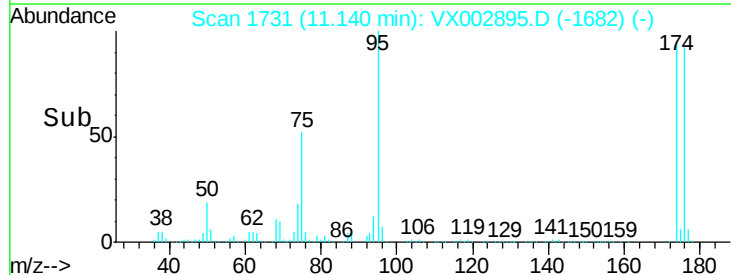
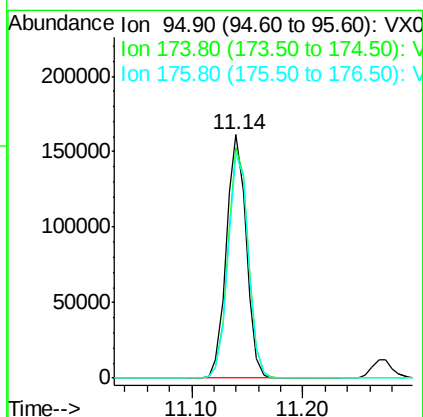
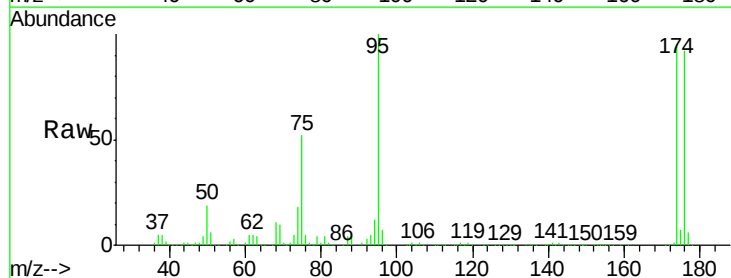
Manual Integrations
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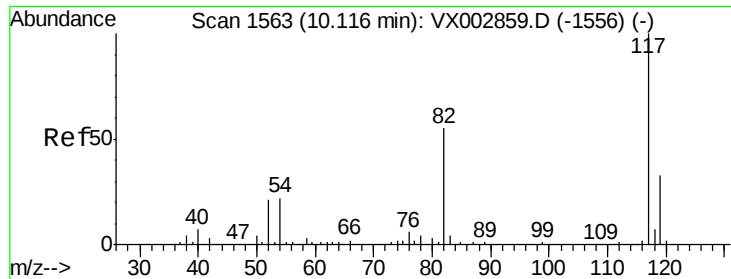
MMDadoda
 6/28/2018 3:12:07 PM



#62
 4-Bromofluorobenzene
 Concen: 49.17 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX002895.D
 Acq: 26 Jun 2018 13:42

Tgt Ion: 95 Resp: 198791
 Ion Ratio Lower Upper
 95 100
 174 96.7 0.0 187.4
 176 94.0 0.0 181.0





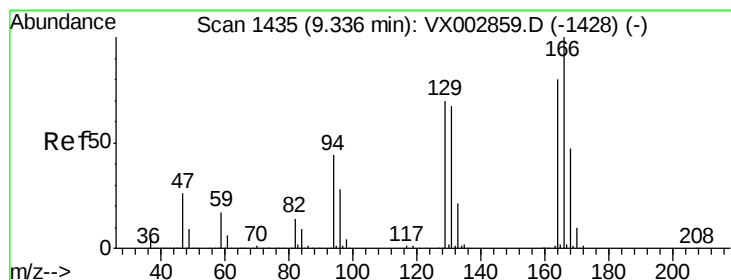
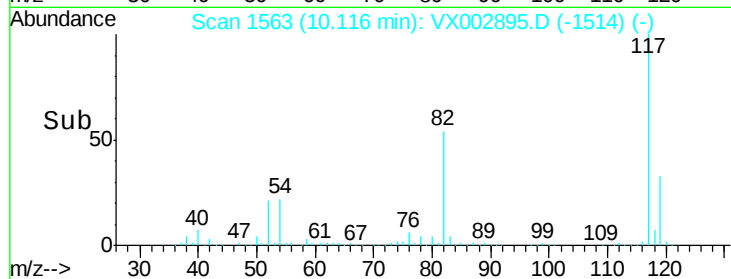
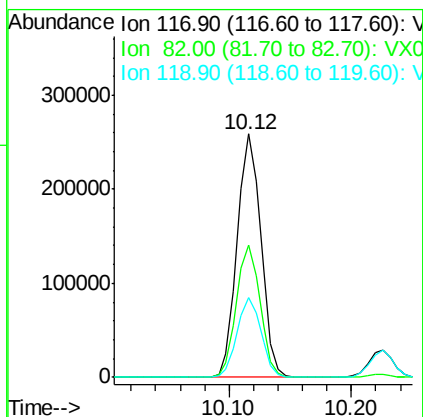
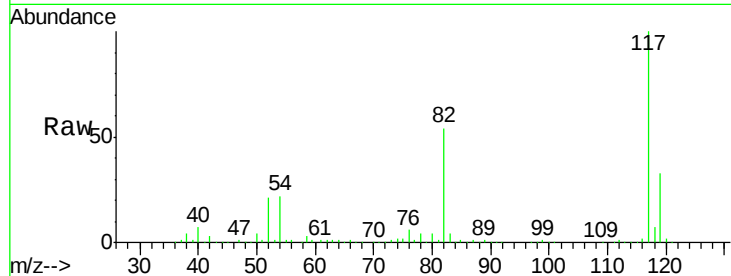
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002895.D
Acq: 26 Jun 2018 13:42

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.3	45.0	67.4
119	32.9	25.8	38.6

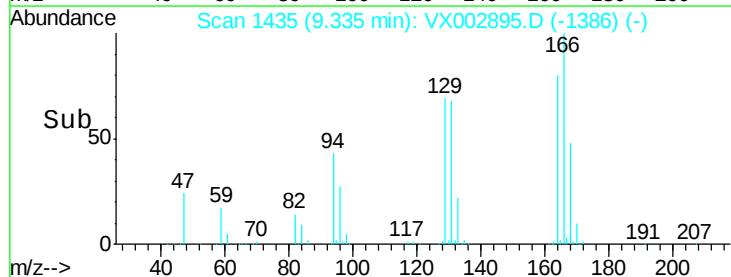
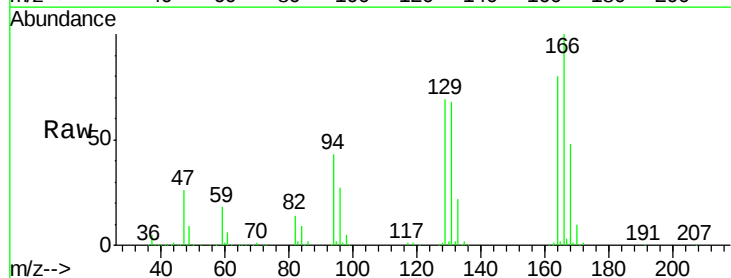
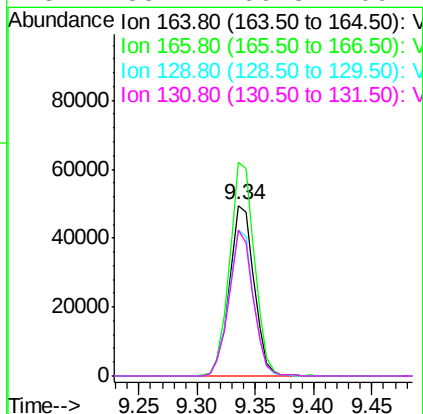
Manual Integrations
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#64
Tetrachloroethene
Concen: 18.84 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX002895.D
Acq: 26 Jun 2018 13:42

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.3	102.9	154.3
129	85.9	68.6	102.8
131	85.7	66.8	100.2





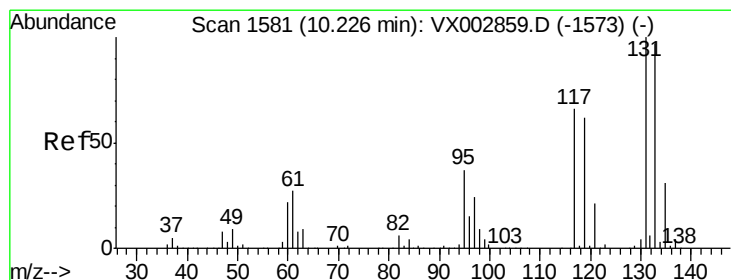
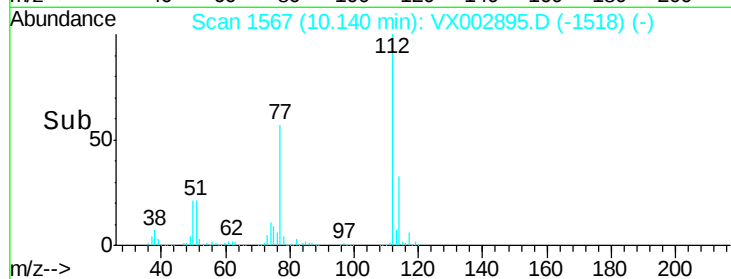
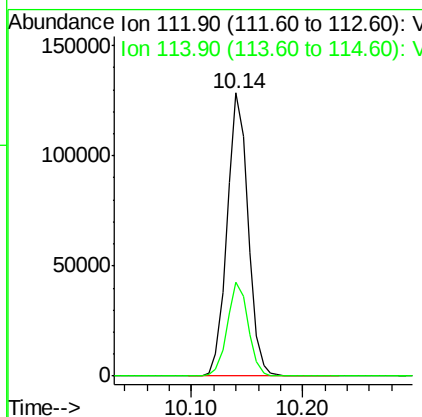
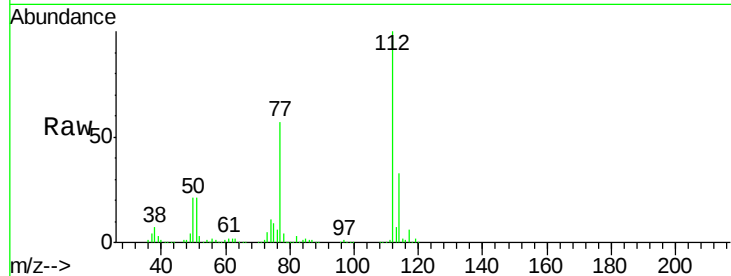
#65
Chlorobenzene
Concen: 18.95 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002895.D
Acq: 26 Jun 2018 13:42

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.1	25.3	37.9

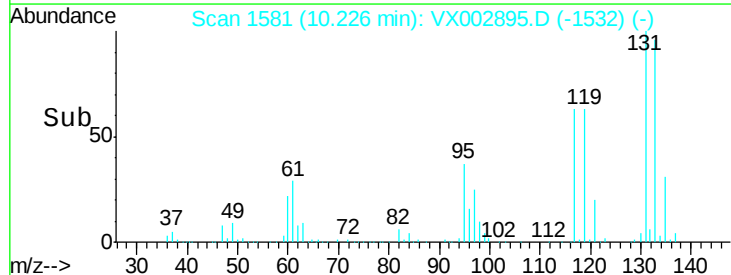
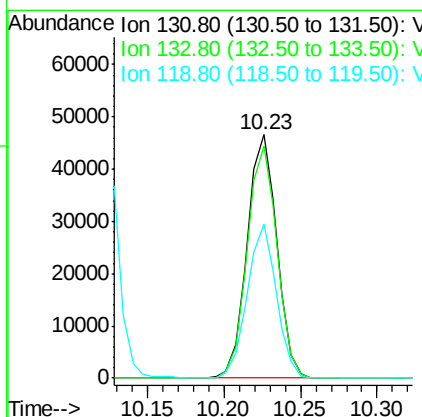
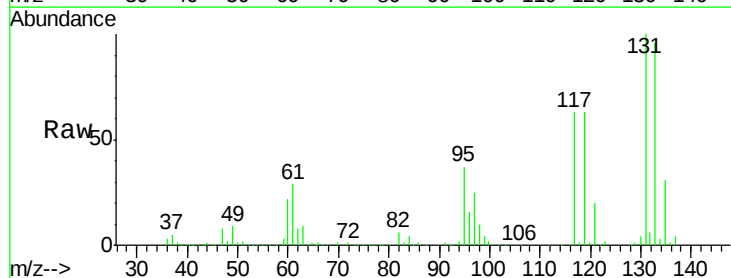
Manual Integrations
APPROVED

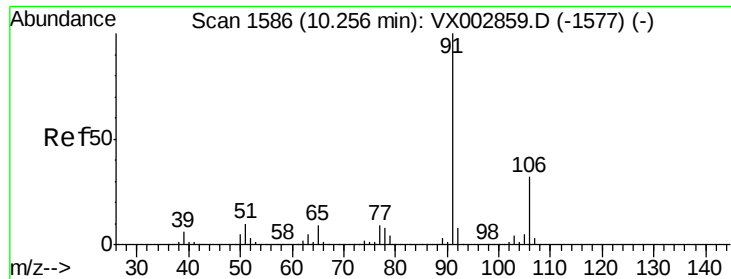
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.54 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX002895.D
Acq: 26 Jun 2018 13:42

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.6	47.9	143.6
119	62.2	31.8	95.3





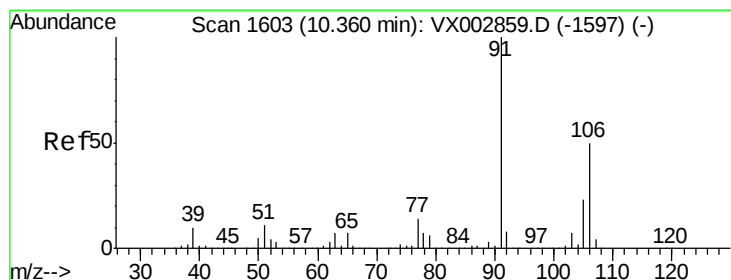
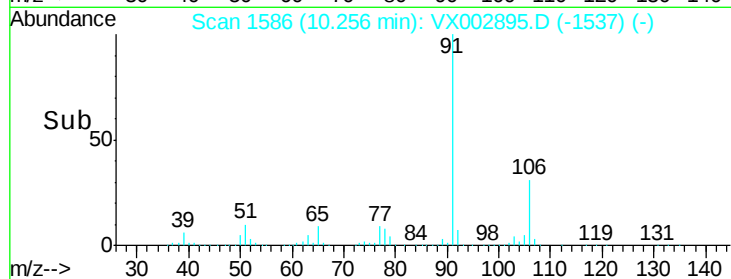
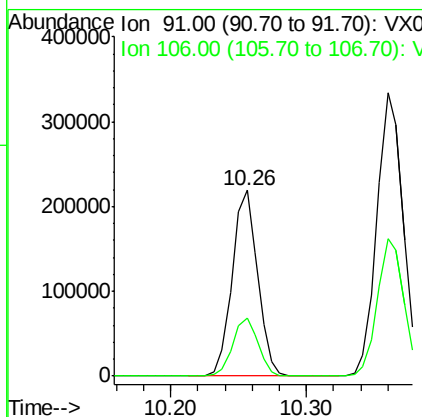
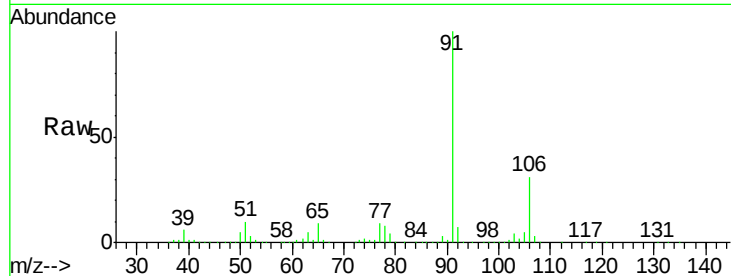
#67
Ethyl Benzene
Concen: 19.46 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002895.D
Acq: 26 Jun 2018 13:42

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBS01

Tot Ion: 91 Resp: 284550
Ion Ratio Lower Upper
91 100
106 31.1 25.5 38.3

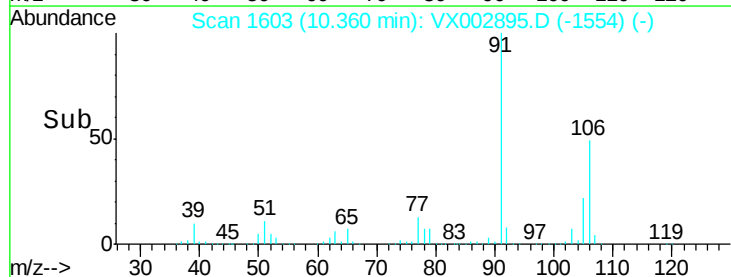
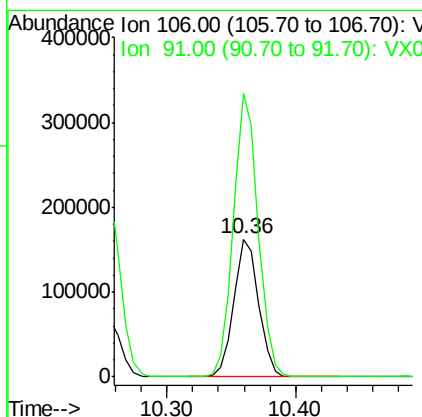
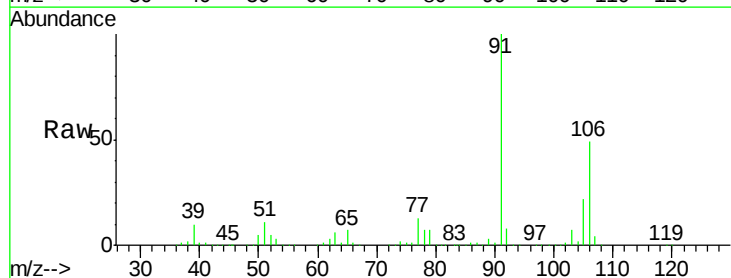
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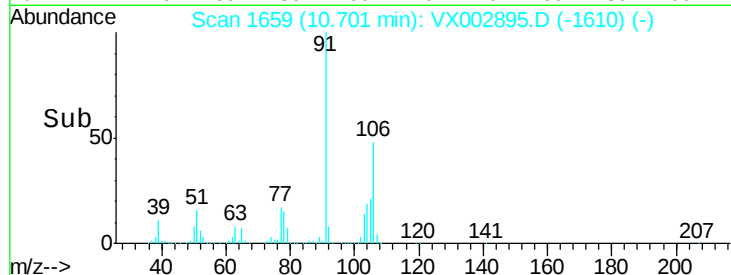
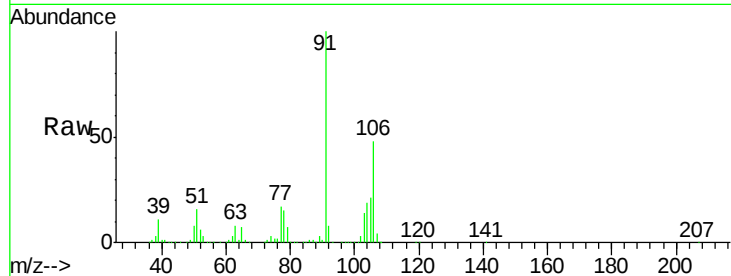
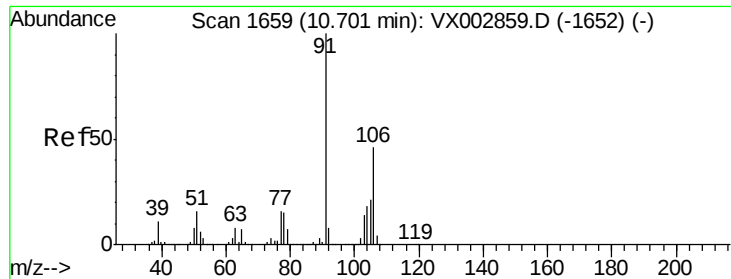
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#68
m/p-Xylenes
Concen: 38.86 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX002895.D
Acq: 26 Jun 2018 13:42

Tgt Ion: 106 Resp: 218956
Ion Ratio Lower Upper
106 100
91 204.2 163.4 245.2





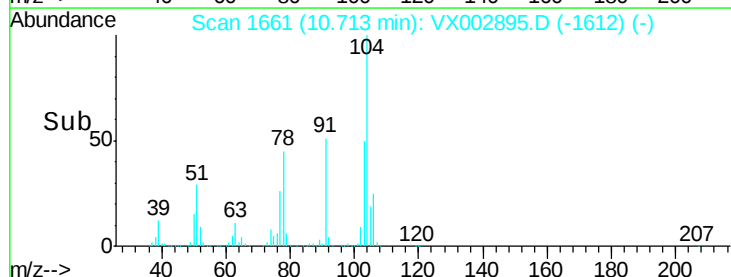
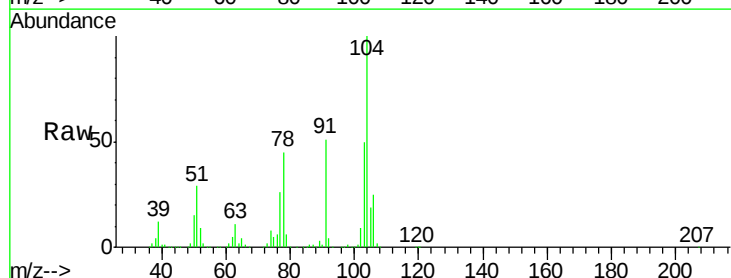
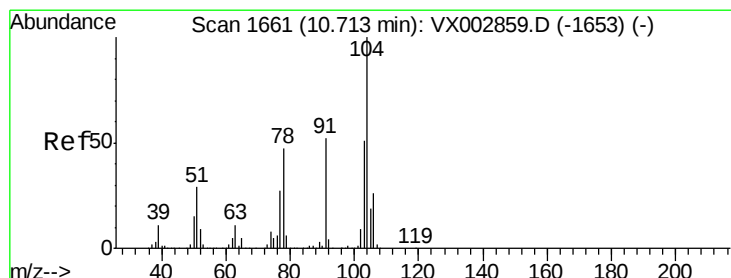
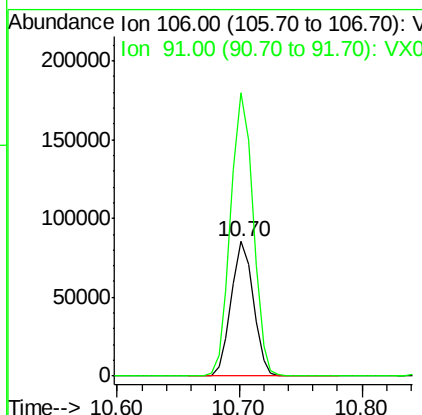
#69
o-Xylene
Concen: 19.53 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002895.D
Acq: 26 Jun 2018 13:42

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	107136		
91	91	213.4	108.2	324.6	

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBS01

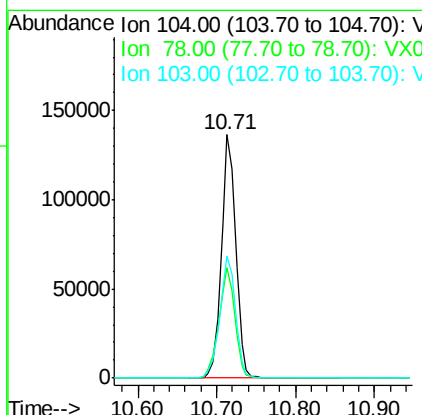
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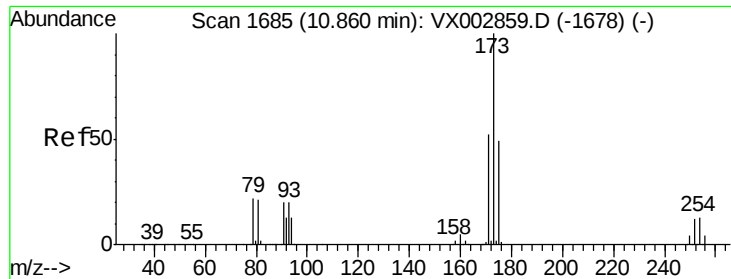
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#70
Styrene
Concen: 19.54 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002895.D
Acq: 26 Jun 2018 13:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	174164		
78	78	50.3	41.0	61.6	
103	103	54.9	44.2	66.4	





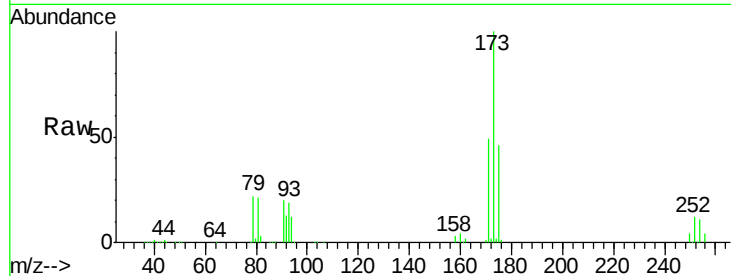
#71
Bromoform
Concen: 19.38 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002895.D
Acq: 26 Jun 2018 13:42

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBS01

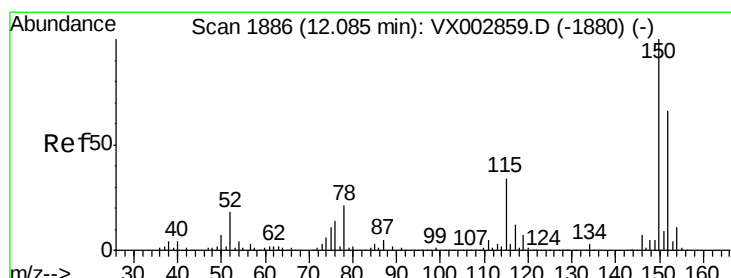
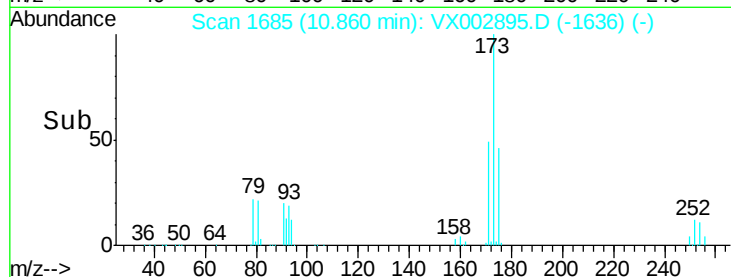
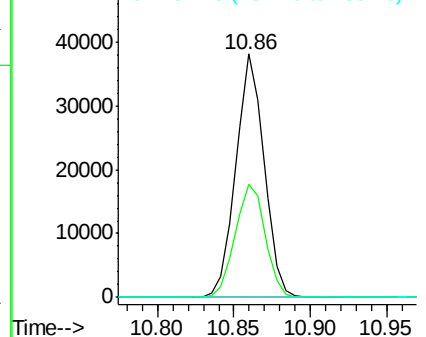
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.4	24.7	74.1
254	0.2	0.2	0.2

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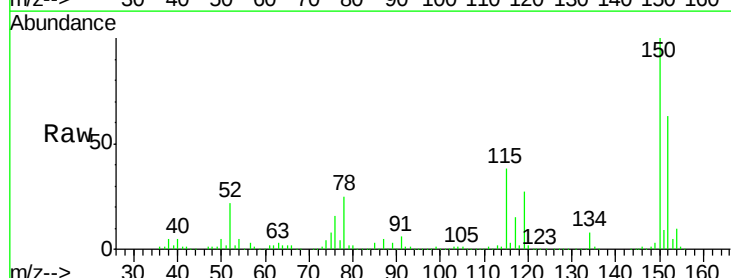


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

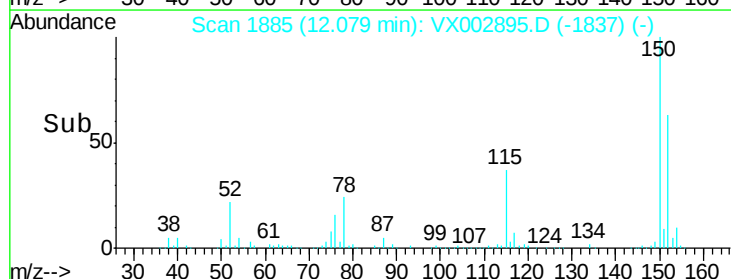
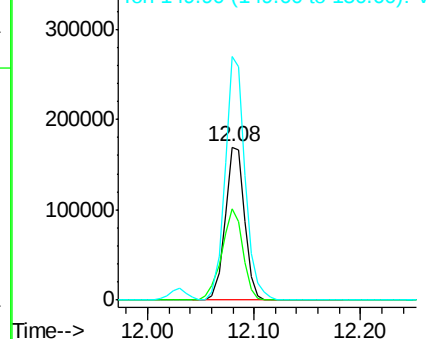


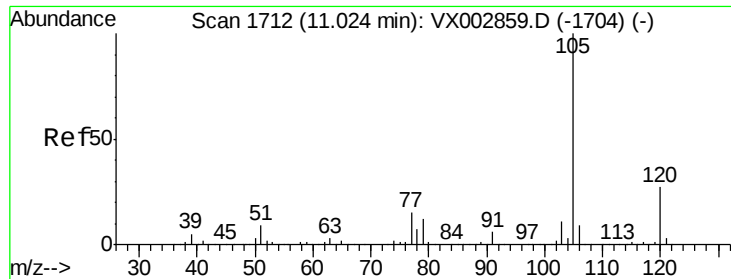
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX002895.D
Acq: 26 Jun 2018 13:42

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.6	40.1	120.2
150	163.4	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: 20.09 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002895.D

Acq: 26 Jun 2018 13:42

Instrument :

MSVOA_X

ClientSampleId :

VX0626WBS01

Tot Ion:105 Resp: 290935

Ion Ratio Lower Upper

105 100

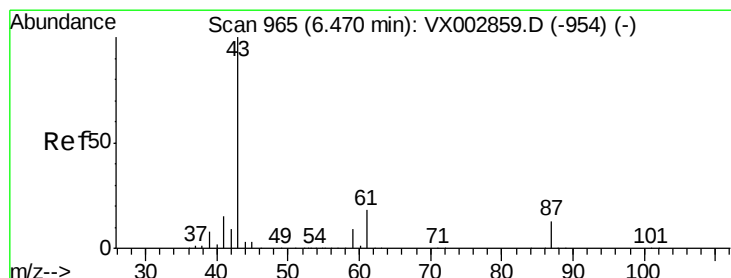
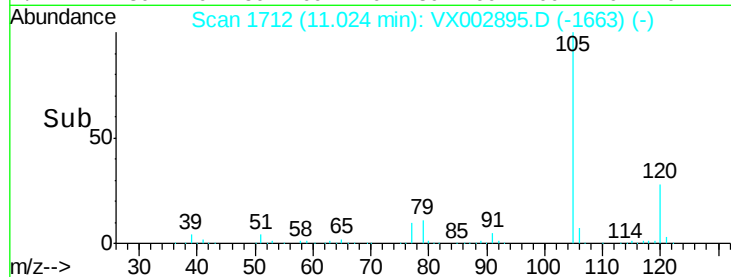
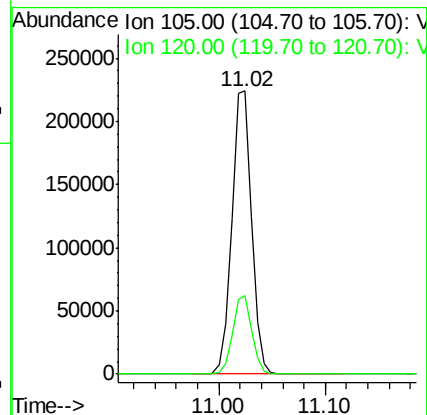
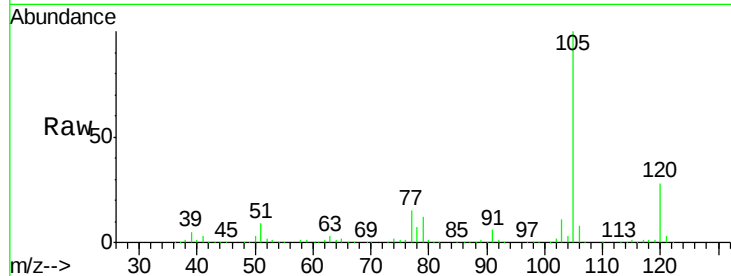
120 27.0 13.5 40.4

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#74

N-ethyl acetate

Concen: 19.34 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002895.D

Acq: 26 Jun 2018 13:42

Tgt Ion: 43 Resp: 136979

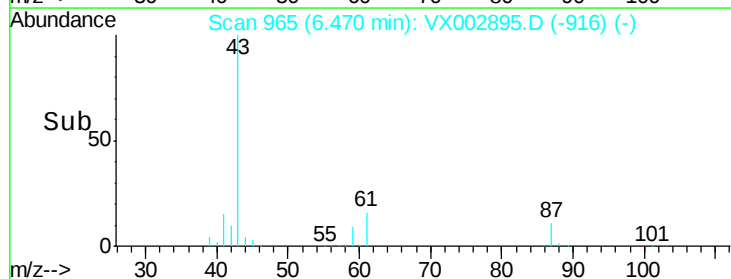
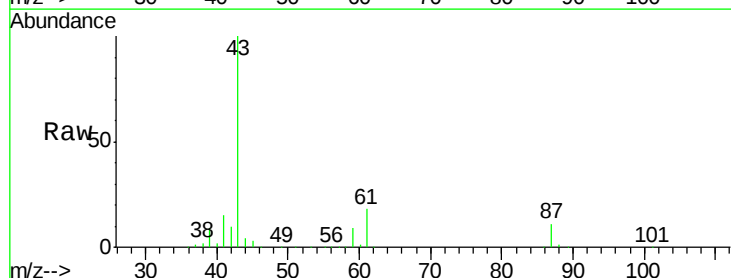
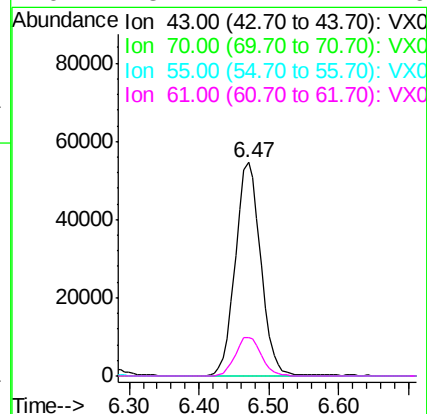
Ion Ratio Lower Upper

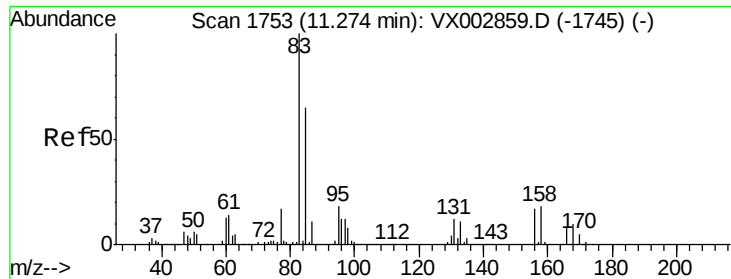
43 100

70 0.0 0.0 0.0#

55 0.1 0.0 0.0#

61 18.7 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 20.24 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002895.D

Acq: 26 Jun 2018 13:42

Instrument :

MSVOA_X

ClientSampleId :

VX0626WBS01

Tot Ion: 83 Resp: 90283

Ion Ratio Lower Upper

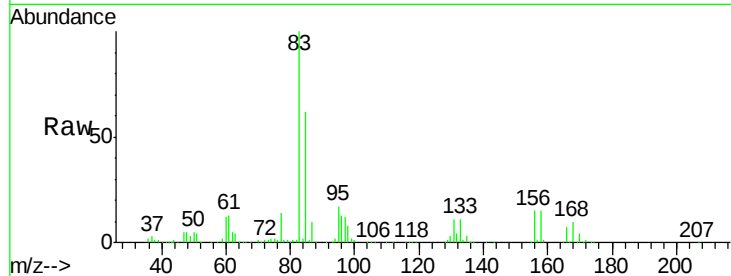
83 100

131 10.9 5.6 16.8

85 64.2 32.4 97.2

Manual Integrations
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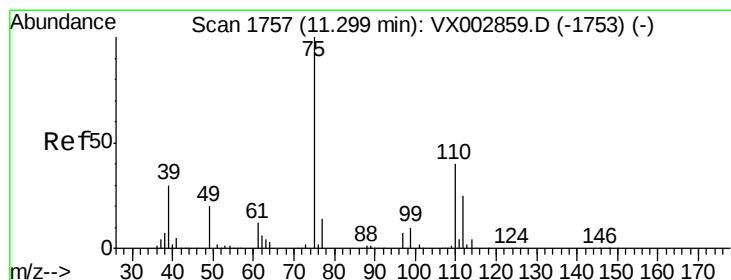
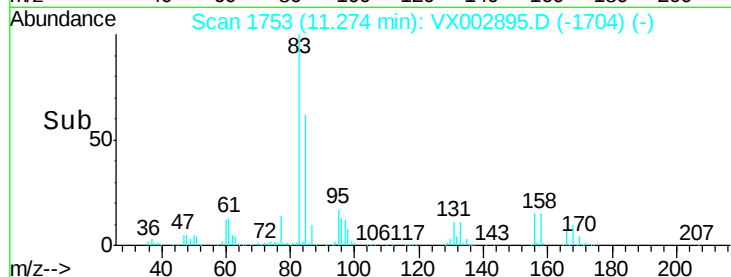
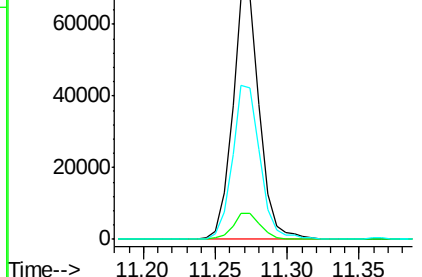
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 22.90 ug/l m

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX002895.D

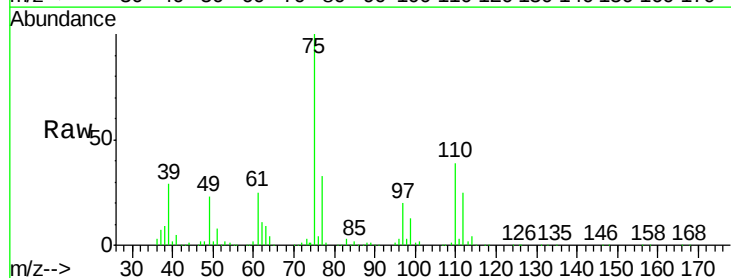
Acq: 26 Jun 2018 13:42

Tgt Ion: 75 Resp: 89258

Ion Ratio Lower Upper

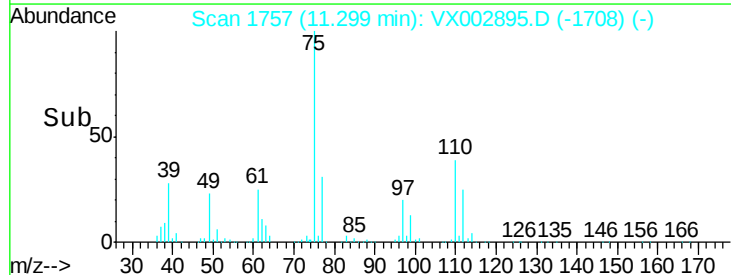
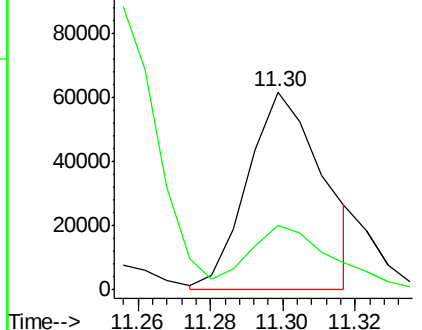
75 100

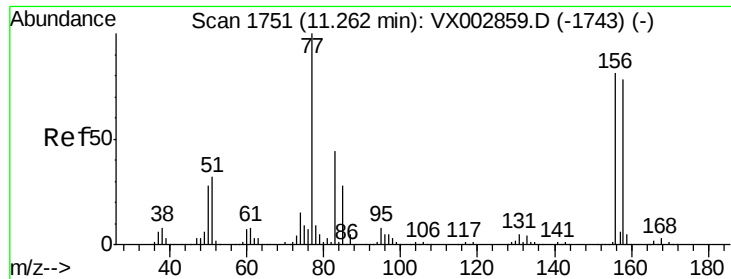
77 35.8 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.50 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX002895.D

Acq: 26 Jun 2018 13:42

Instrument :

MSVOA_X

ClientSampleId :

VX0626WBS01

Tot Ion:156 Resp: 80399

Ion Ratio Lower Upper

156 100

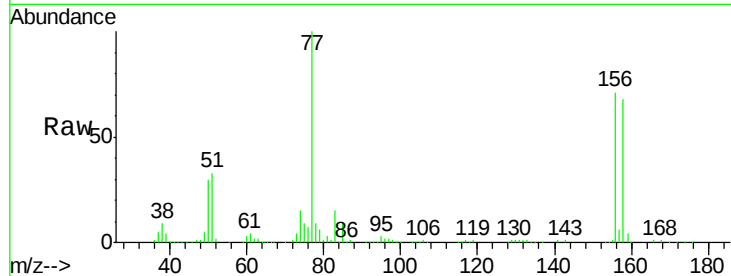
77 136.7 71.4 214.2

158 97.0 48.9 146.6

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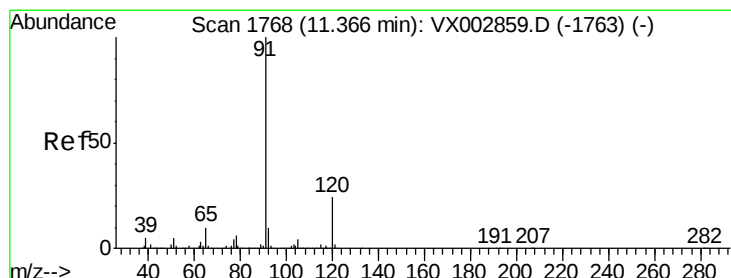
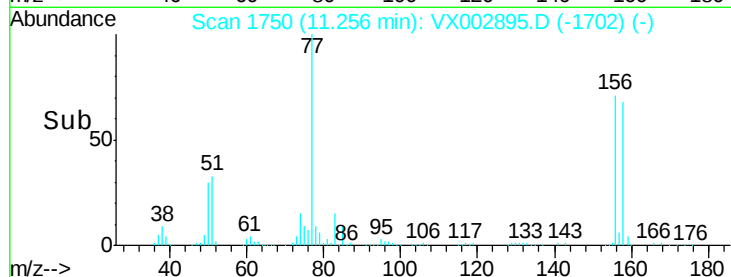
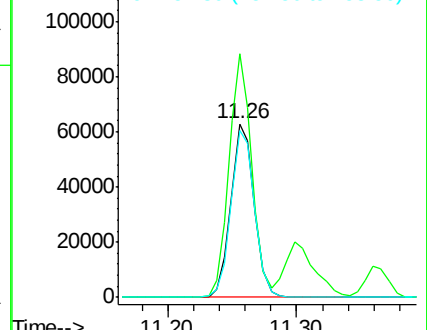
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.19 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002895.D

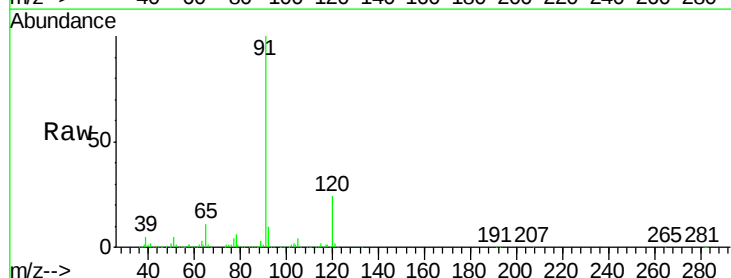
Acq: 26 Jun 2018 13:42

Tgt Ion: 91 Resp: 332816

Ion Ratio Lower Upper

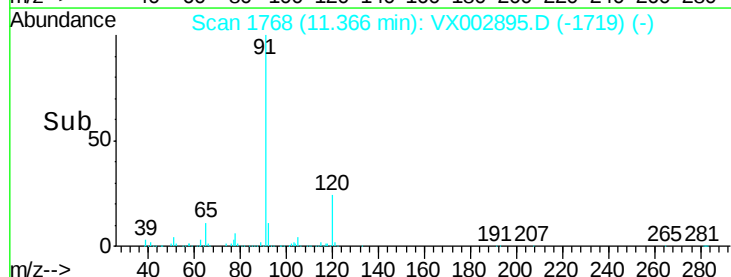
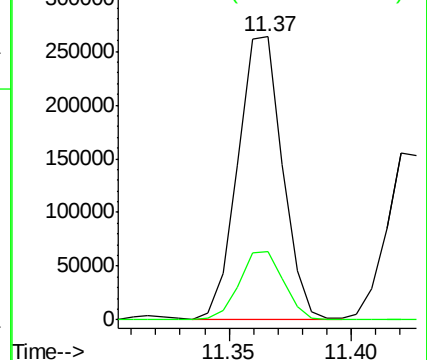
91 100

120 24.0 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: 20.03 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. -0.01 min

Lab File: VX002895.D

Acq: 26 Jun 2018 13:42

Instrument :

MSVOA_X

ClientSampleId :

VX0626WBS01

Tot Ion: 91 Resp: 199835

Ion Ratio Lower Upper

91 100

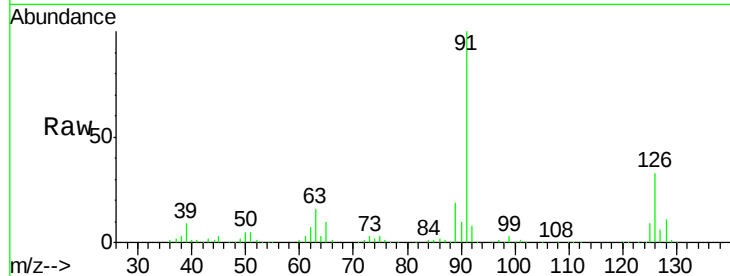
126 35.4 17.7 53.1

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Abundance Ion 91.00 (90.70 to 91.70): VX002859.D (-1773) (-)

Ion 125.90 (125.60 to 126.60): VX002859.D (-1773) (-)

300000

250000

200000

150000

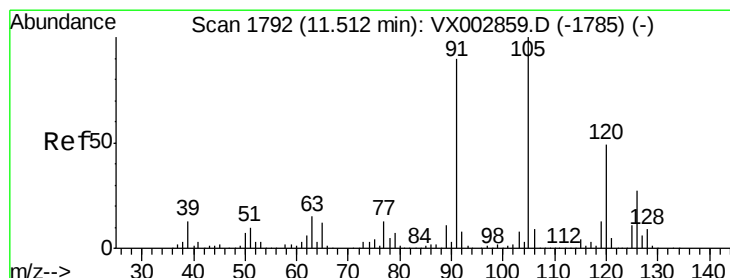
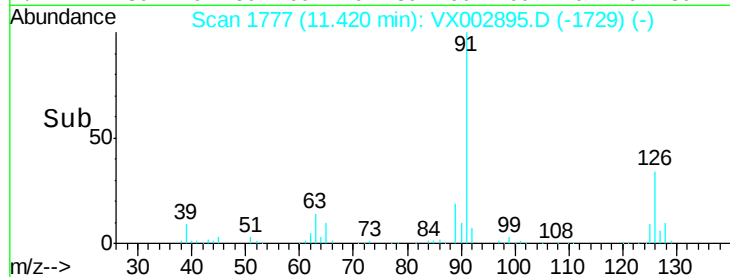
100000

50000

0

11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 20.13 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002895.D

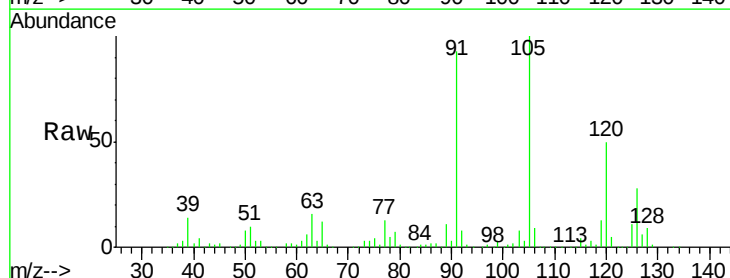
Acq: 26 Jun 2018 13:42

Tgt Ion: 105 Resp: 245434

Ion Ratio Lower Upper

105 100

120 48.8 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VX002859.D (-1785) (-)

Ion 120.00 (119.70 to 120.70): VX002859.D (-1785) (-)

200000

150000

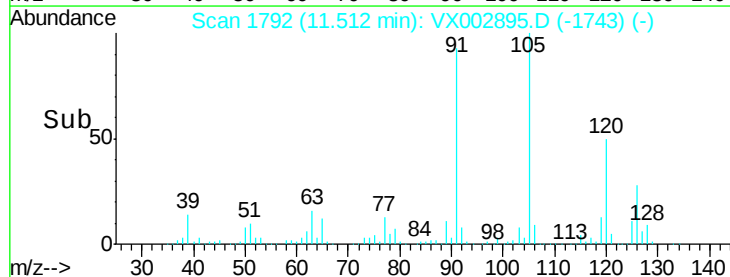
100000

50000

0

11.45 11.50 11.55 11.60

Time-->





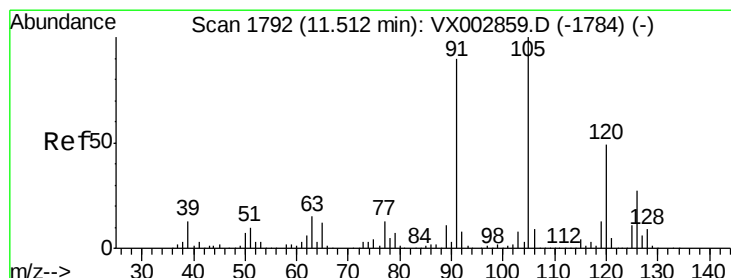
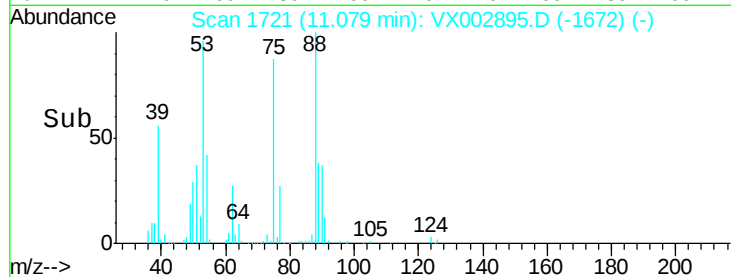
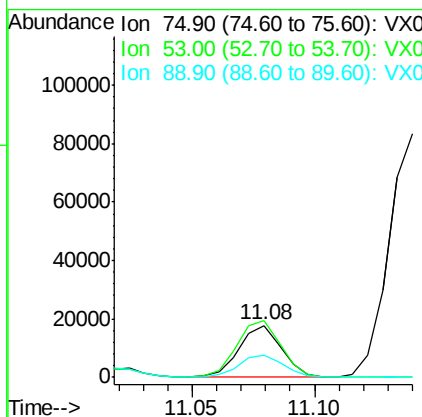
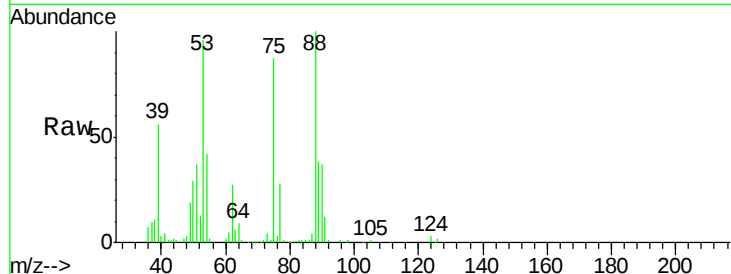
#81
trans-1,4-Dichloro-2-butene
Concen: 18.39 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX002895.D
Acq: 26 Jun 2018 13:42

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	113.4	86.8	130.2
89	45.4	38.2	57.2

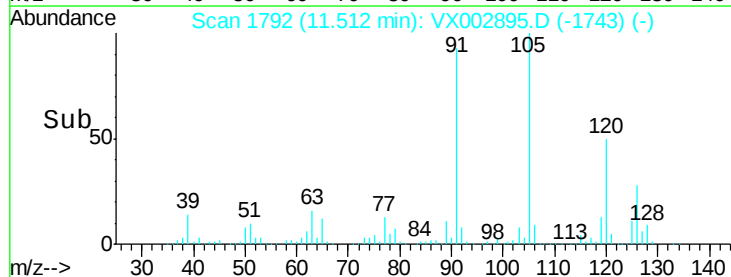
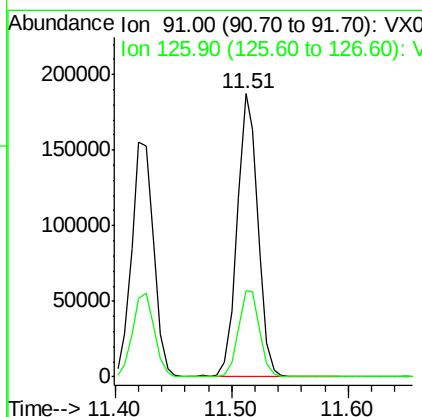
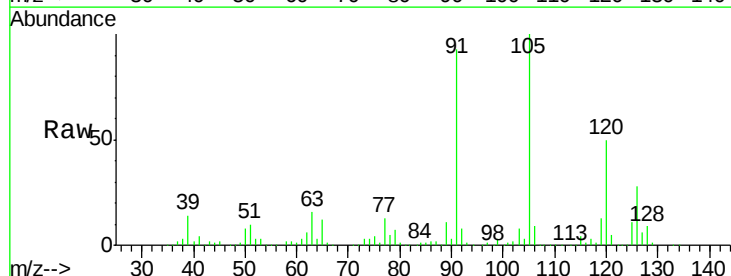
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#82
4-Chlorotoluene
Concen: 19.60 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX002895.D
Acq: 26 Jun 2018 13:42

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.2	15.4	46.4





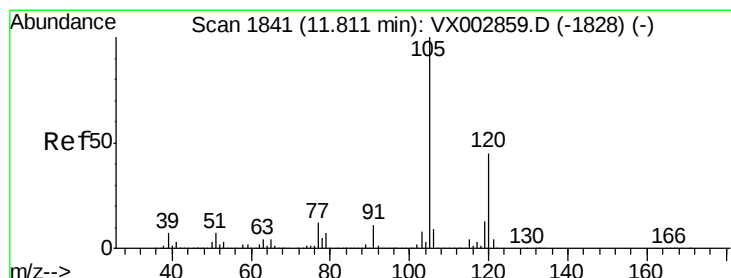
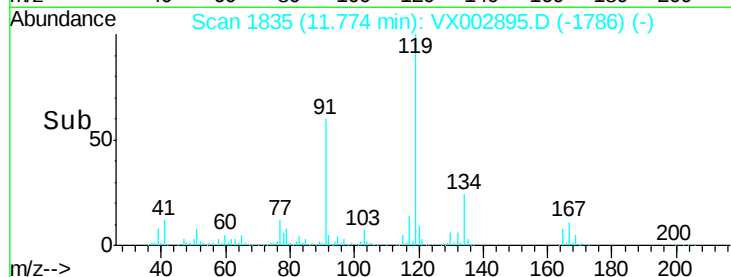
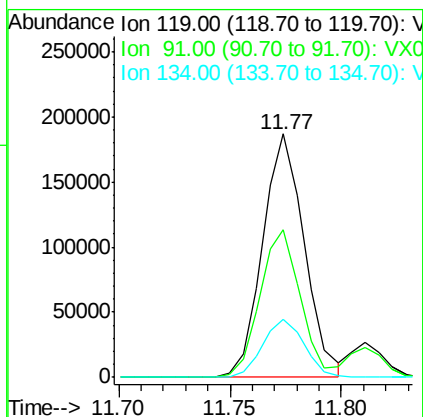
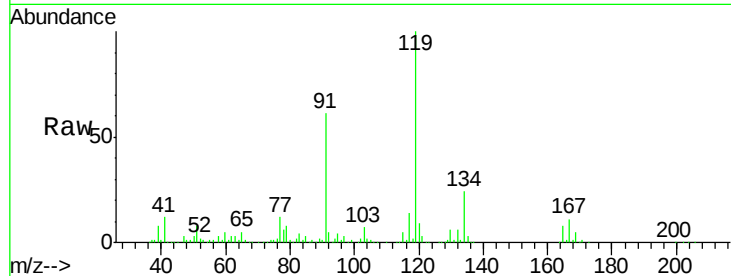
#83
 tert-Butylbenzene
 Concen: 20.21 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002895.D
 Acq: 26 Jun 2018 13:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0626WBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	59.5	30.3	90.9
134	23.8	11.7	35.1

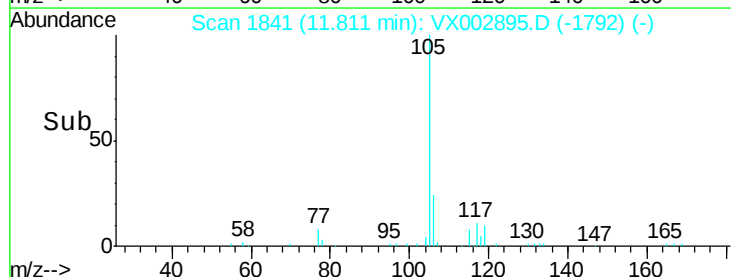
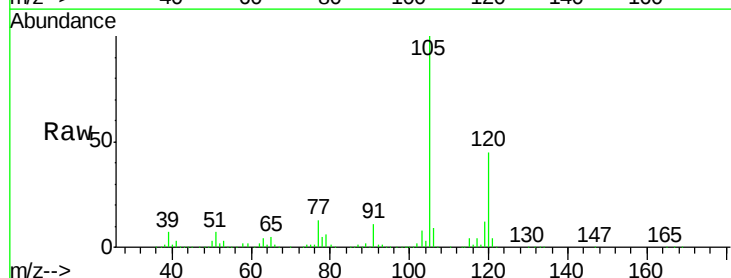
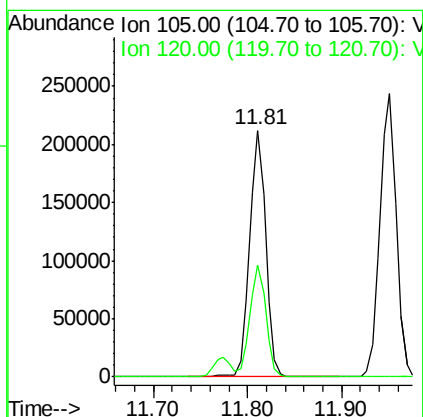
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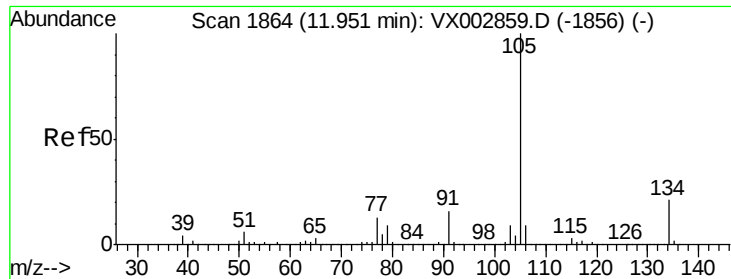
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.18 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002895.D
 Acq: 26 Jun 2018 13:42

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.1	22.3	66.8





#85

sec-Butylbenzene

Concen: 20.11 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002895.D

Acq: 26 Jun 2018 13:42

Instrument :

MSVOA_X

ClientSampleId :

VX0626WBS01

Tot Ion:105 Resp: 293257

Ion Ratio Lower Upper

105 100

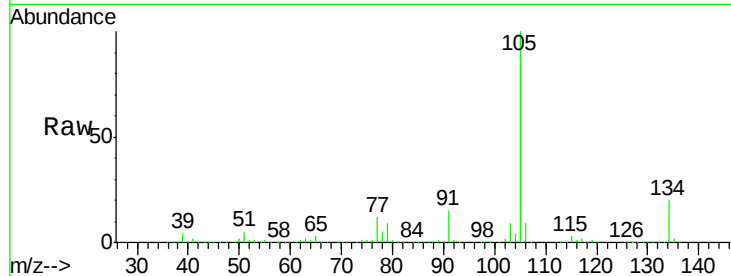
134 20.6 10.4 31.1

Manual Integrations

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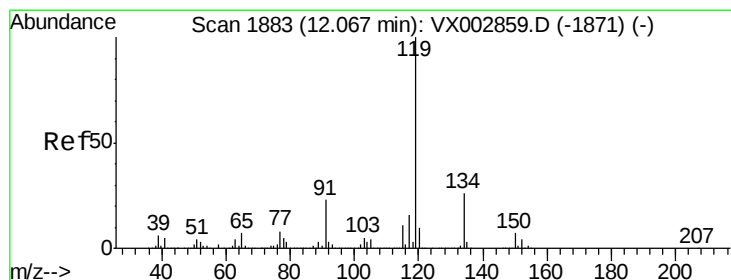
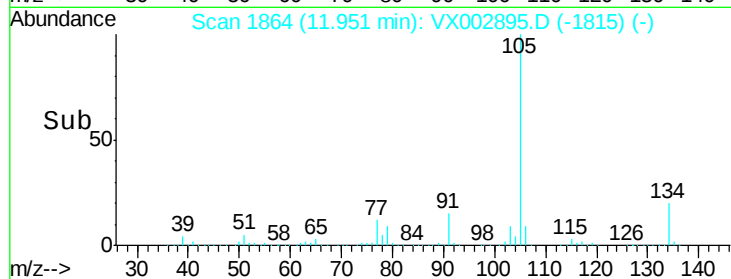
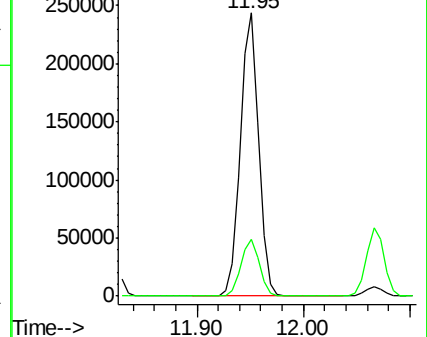
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.18 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002895.D

Acq: 26 Jun 2018 13:42

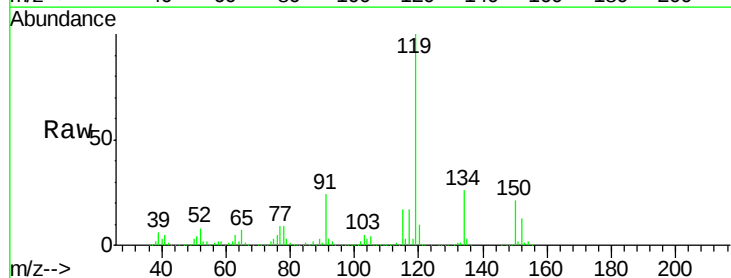
Tgt Ion:119 Resp: 264464

Ion Ratio Lower Upper

119 100

134 26.4 13.4 40.1

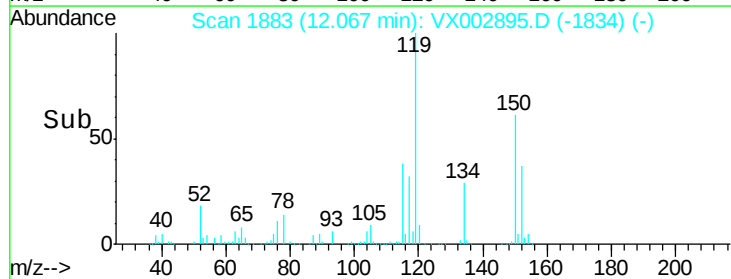
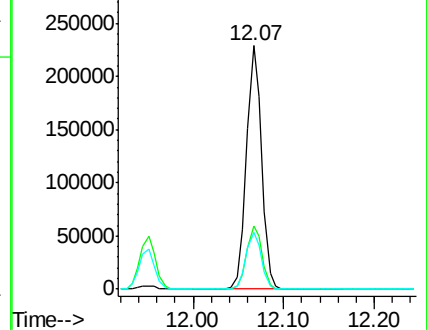
91 23.8 11.9 35.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





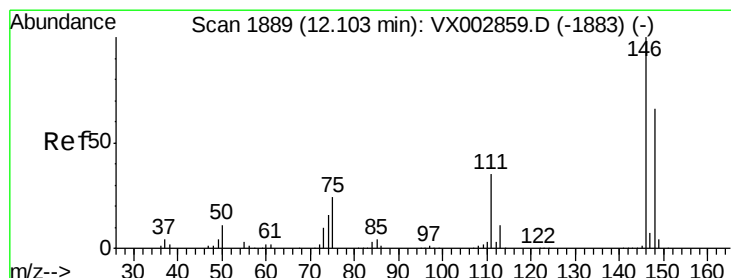
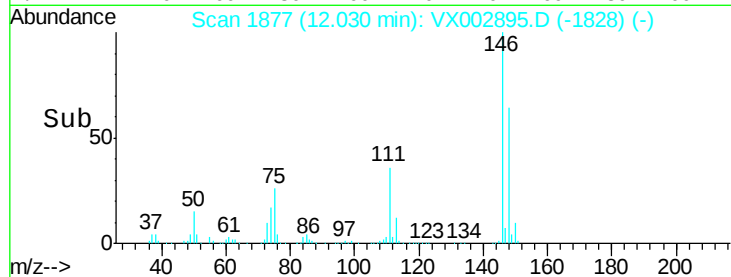
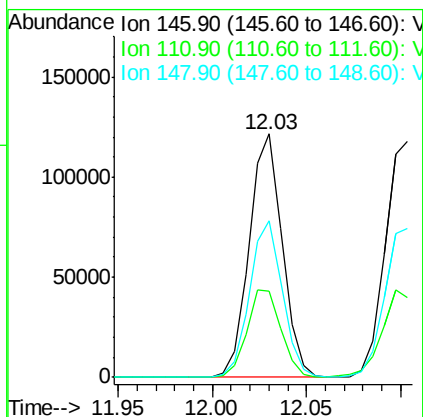
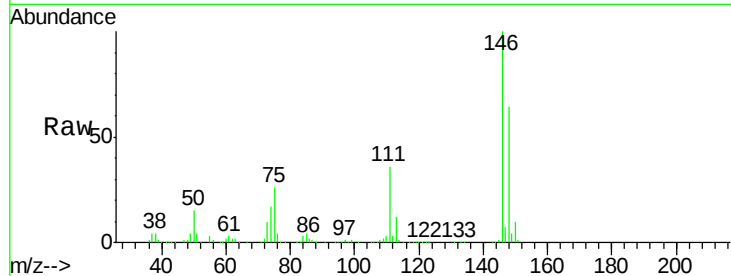
#87
 1,3-Dichlorobenzene
 Concen: 19.66 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002895.D
 Acq: 26 Jun 2018 13:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0626WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.9	56.7
148	63.9	32.1	96.3

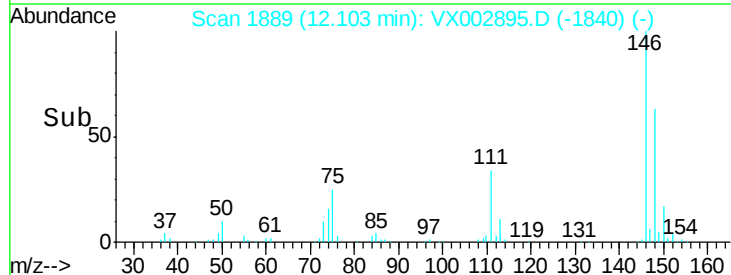
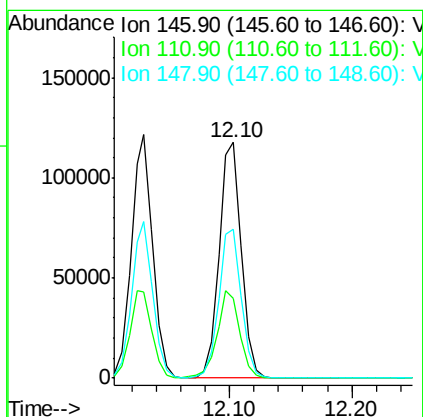
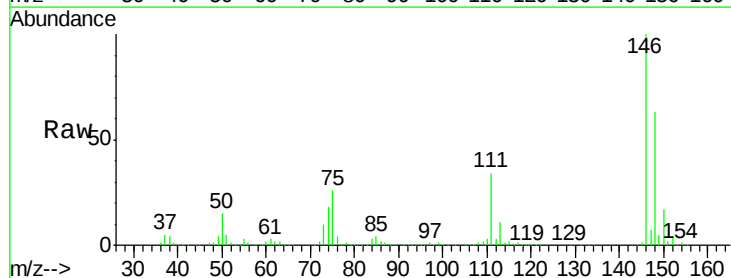
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#88
 1,4-Dichlorobenzene
 Concen: 19.13 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002895.D
 Acq: 26 Jun 2018 13:42

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.7	56.1
148	64.4	32.4	97.0





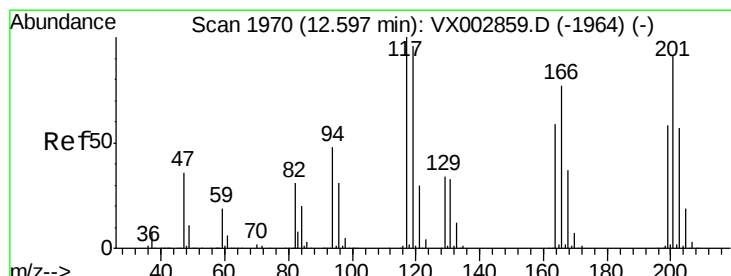
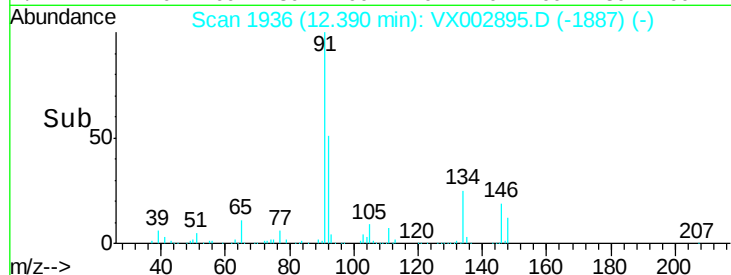
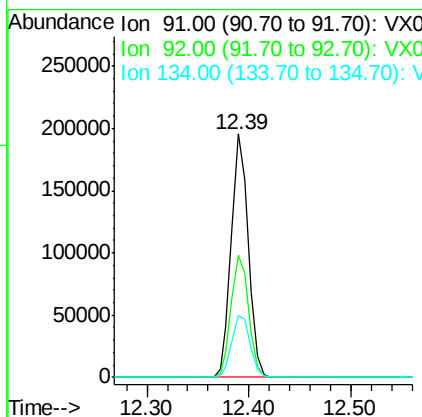
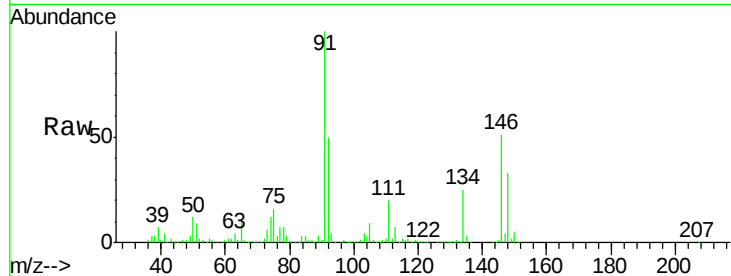
#89
n-Butylbenzene
Concen: 19.67 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002895.D
Acq: 26 Jun 2018 13:42

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		224438		
92	51.6	26.0		78.0	
134	26.9	13.5		40.5	

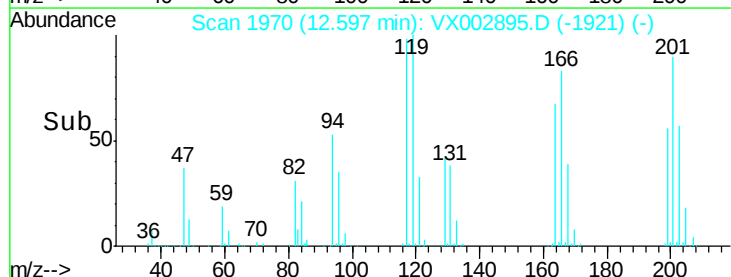
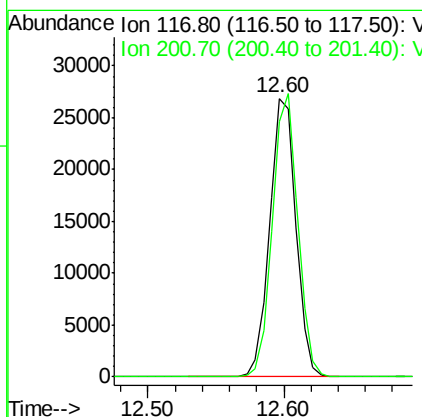
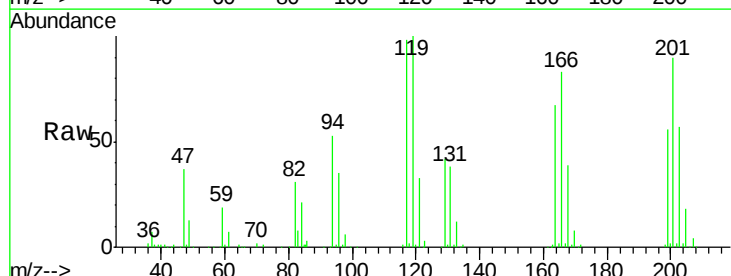
Manual Integrations
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#90
Hexachloroethane
Concen: 18.67 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX002895.D
Acq: 26 Jun 2018 13:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		36396		
201	97.8	49.0		147.0	





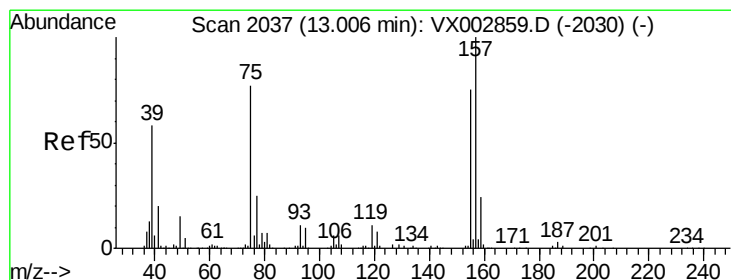
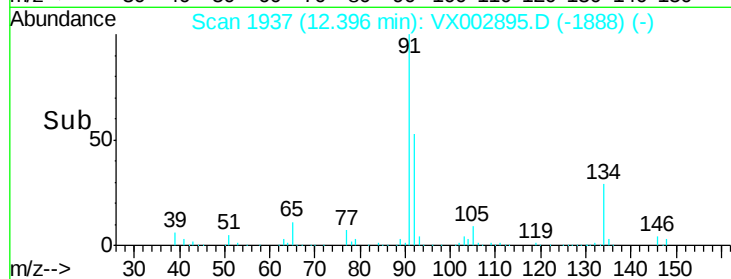
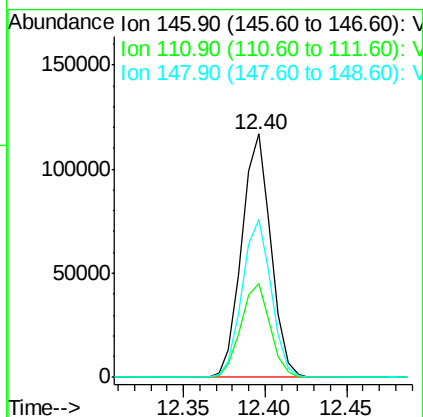
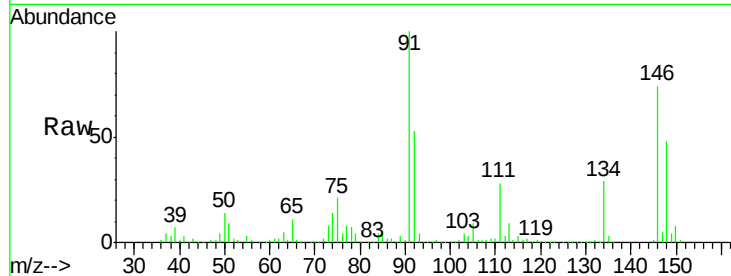
#91
 1,2-Dichlorobenzene
 Concen: 19.17 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002895.D
 Acq: 26 Jun 2018 13:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0626WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.4	58.1
148	65.0	31.7	95.1

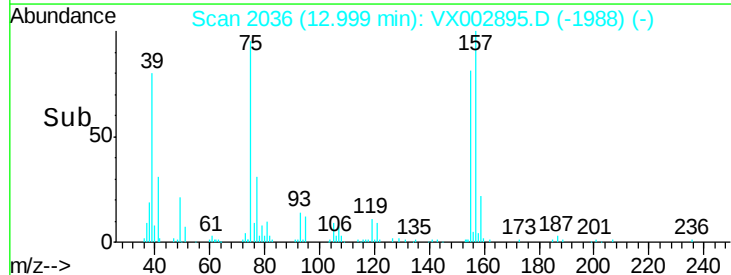
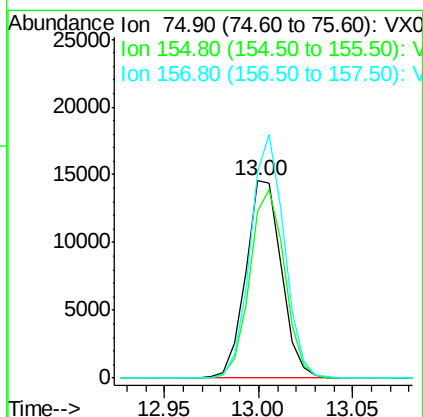
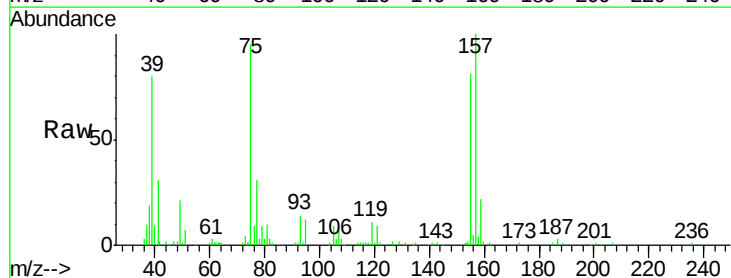
Manual Integrations
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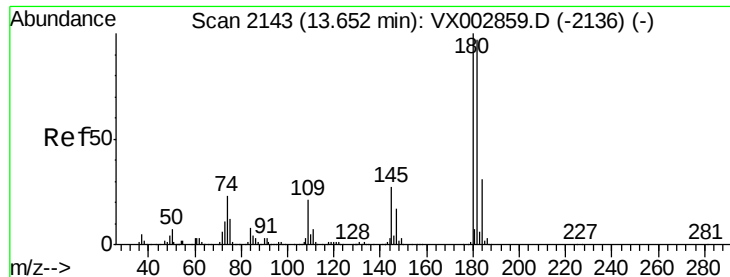
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.02 ug/l
 RT: 13.00 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: VX002895.D
 Acq: 26 Jun 2018 13:42

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.5	45.8	137.4
157	117.0	60.1	180.3





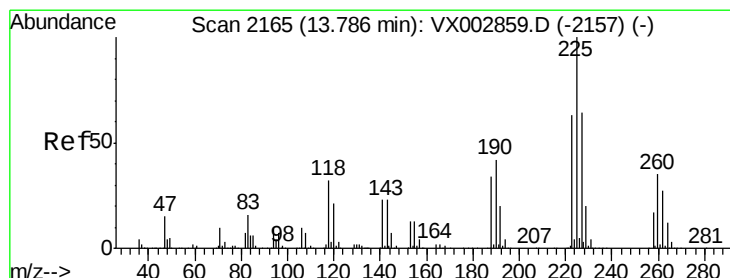
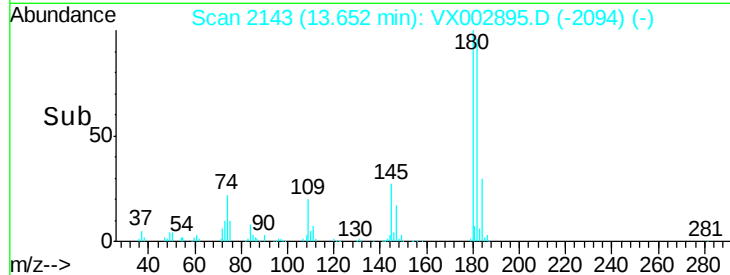
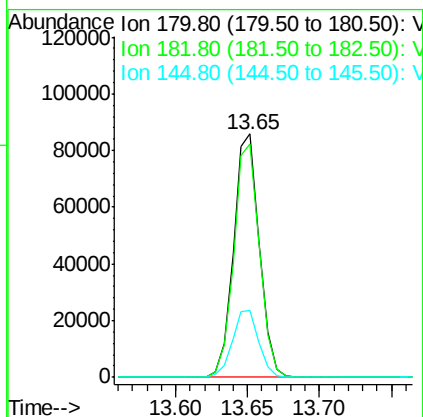
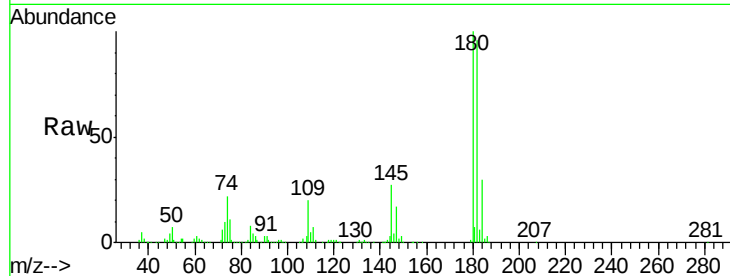
#93
 1,2,4-Trichlorobenzene
 Concen: 19.35 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002895.D
 Acq: 26 Jun 2018 13:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0626WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	107017		
182	95.8	47.7	143.1	
145	28.1	14.1	42.4	

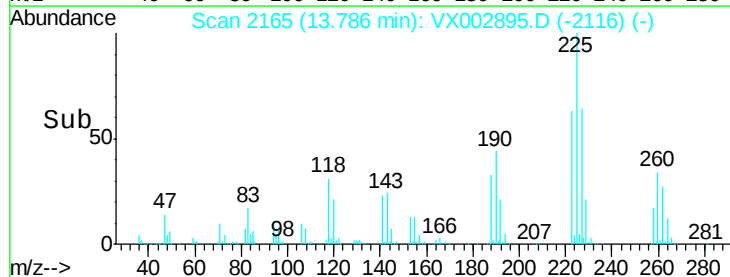
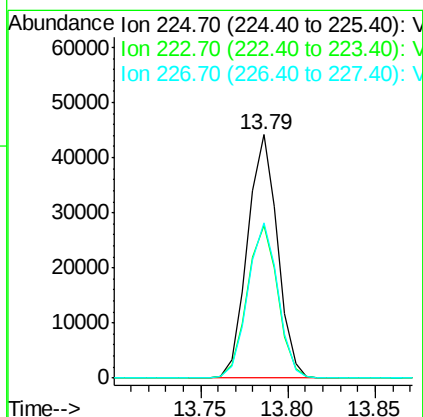
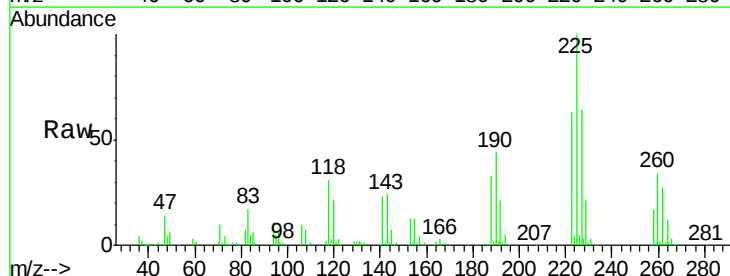
Manual Integrations
 APPROVED

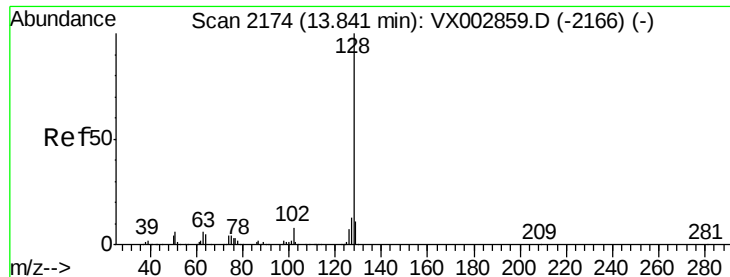
MMDadoda
 6/28/2018 3:12:07 PM



#94
 Hexachlorobutadiene
 Concen: 19.04 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002895.D
 Acq: 26 Jun 2018 13:42

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	52527		
223	64.0	31.6	95.0	
227	63.8	32.4	97.2	





#95

Naphthalene

Concen: 20.06 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002895.D

Acq: 26 Jun 2018 13:42

Instrument :

MSVOA_X

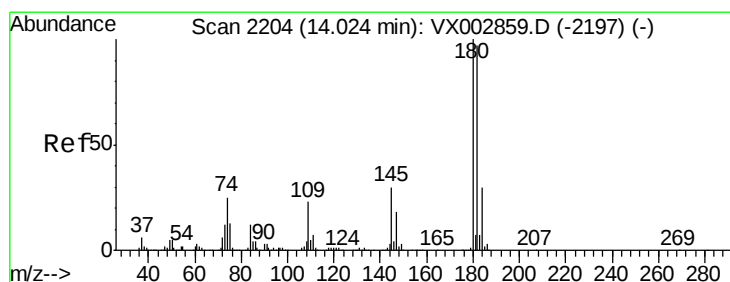
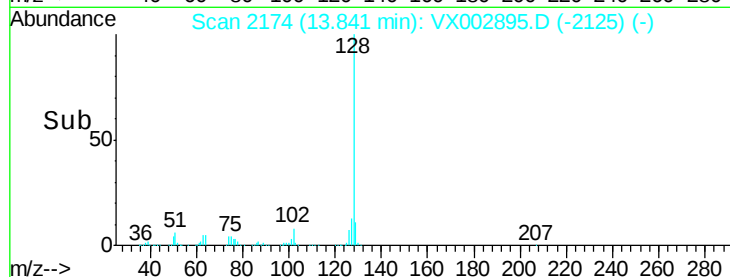
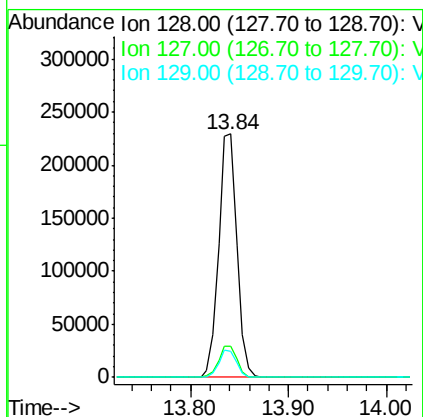
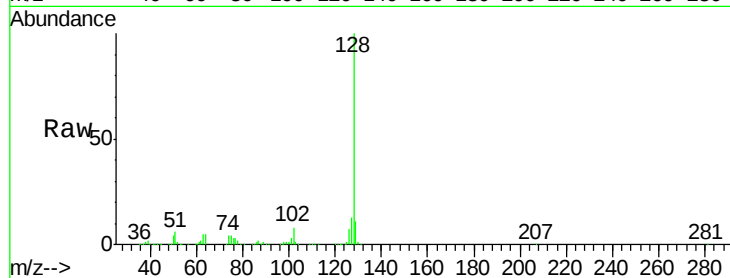
ClientSampleId :

VX0626WBS01

Tot Ion:	128	Resp:	295516
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.4	15.6
129	10.9	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/28/2018 3:12:07 PM



#96

1,2,3-Trichlorobenzene

Concen: 19.76 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002895.D

Acq: 26 Jun 2018 13:42

Tgt Ion:	180	Resp:	109159
Ion Ratio	Lower	Upper	
180	100		
182	96.3	48.0	144.0
145	30.0	14.8	44.3

