

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122618\
 Data File : VX006827.D
 Acq On : 26 Dec 2018 19:08
 Operator : JC/MD
 Sample : VX1226MBSD01
 Misc : 5.0g/10mL/100ul/5.00mL/MSVOA_X/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1226MBSD01

Quant Time: Dec 27 03:07:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	568829	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	850374	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	742425	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	361599	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	300612	49.03	ug/l	0.00
Spiked Amount			Recovery	=	98.06%	
35) Dibromofluoromethane	5.50	113	267280	49.70	ug/l	0.00
Spiked Amount			Recovery	=	99.40%	
50) Toluene-d8	8.71	98	961331	47.42	ug/l	0.00
Spiked Amount			Recovery	=	94.84%	
62) 4-Bromofluorobenzene	11.13	95	344678	46.42	ug/l	0.00
Spiked Amount			Recovery	=	92.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	86644	16.650	ug/l	99
3) Chloromethane	1.33	50	94992	16.944	ug/l	99
4) Vinyl Chloride	1.41	62	101967	17.415	ug/l	96
5) Bromomethane	1.64	94	80730	13.370	ug/l	97
6) Chloroethane	1.72	64	67129	16.558	ug/l	100
7) Trichlorofluoromethane	1.93	101	164784	18.051	ug/l	98
8) Diethyl Ether	2.19	74	71039	19.592	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	94362	17.605	ug/l	98
10) Methyl Iodide	2.51	142	98508	12.839	ug/l	100
11) Tert butyl alcohol	3.07	59	138921	101.537	ug/l	100
12) 1,1-Dichloroethene	2.37	96	89439	17.598	ug/l	97
13) Acrolein	2.30	56	79241	85.853	ug/l	99
14) Allyl chloride	2.73	41	161653	18.896	ug/l	99
15) Acrylonitrile	3.15	53	315021	103.701	ug/l	99
16) Acetone	2.45	43	257912	91.569	ug/l	99
17) Carbon Disulfide	2.57	76	197131	14.657	ug/l	99
18) Methyl Acetate	2.78	43	187587	22.650	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	354693	21.027	ug/l	99
20) Methylene Chloride	2.86	84	112540	19.323	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	100892	17.917	ug/l	98
22) Diisopropyl ether	3.87	45	320916	20.505	ug/l	96
23) Vinyl Acetate	3.82	43	1280798	100.050	ug/l	100
24) 1,1-Dichloroethane	3.70	63	171113	18.315	ug/l	100
25) 2-Butanone	4.70	43	388850	98.148	ug/l	98
26) 2,2-Dichloropropane	4.59	77	108579	15.045	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	115842	18.645	ug/l	99
28) Bromochloromethane	5.02	49	87613	21.178	ug/l	97
29) Tetrahydrofuran	5.15	42	265122	101.602	ug/l	97
30) Chloroform	5.21	83	181932	18.805	ug/l	98
31) Cyclohexane	5.58	56	130246	15.346	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	147251	18.025	ug/l	99
36) 1,1-Dichloropropene	5.80	75	126159	17.913	ug/l	99
37) Ethyl Acetate	4.85	43	152417	20.792	ug/l	98
38) Carbon Tetrachloride	5.78	117	116277	16.988	ug/l	95

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	134964	14.556	ug/l	96
40) Benzene	6.14	78	396834	18.536	ug/l	98
41) Methacrylonitrile	5.06	41	84169	21.627	ug/l	96
42) 1,2-Dichloroethane	6.20	62	142091	19.478	ug/l	100
43) Isopropyl Acetate	6.46	43	241296	21.634	ug/l	98
44) Trichloroethene	7.21	130	115156	17.772	ug/l	96
45) 1,2-Dichloropropane	7.51	63	104518	20.062	ug/l	96
46) Dibromomethane	7.66	93	72956	19.038	ug/l	97
47) Bromodichloromethane	7.90	83	117065	18.400	ug/l	94
48) Methyl methacrylate	7.77	41	122991	21.684	ug/l	97
49) 1,4-Dioxane	7.76	88	53299	346.147	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	781606	110.135	ug/l	99
52) Toluene	8.78	92	257083	18.588	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	128281	18.801	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	144254	19.268	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	112940	19.950	ug/l	99
56) Ethyl methacrylate	9.18	69	168341	21.039	ug/l	95
57) 1,3-Dichloropropane	9.37	76	183626	20.160	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	442236	103.975	ug/l	99
59) 2-Hexanone	9.49	43	581090	107.017	ug/l	98
60) Dibromochloromethane	9.58	129	98422	18.174	ug/l	100
61) 1,2-Dibromoethane	9.67	107	117814	19.577	ug/l	97
64) Tetrachloroethene	9.34	164	104377	17.755	ug/l	95
65) Chlorobenzene	10.14	112	299049	19.040	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	98723	20.146	ug/l	100
67) Ethyl Benzene	10.25	91	463612	18.063	ug/l	99
68) m/p-Xylenes	10.36	106	363994	35.941	ug/l	98
69) o-Xylene	10.69	106	184300	18.429	ug/l	97
70) Styrene	10.71	104	301377	19.048	ug/l	99
71) Bromoform	10.85	173	71345	19.161	ug/l #	99
73) Isopropylbenzene	11.02	105	461485	18.655	ug/l	100
74) N-amyl acetate	10.90	43	213025	24.058	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	165904	22.550	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	175752	26.153	ug/l	94
77) Bromobenzene	11.26	156	137266	20.524	ug/l	99
78) n-propylbenzene	11.36	91	501724	18.418	ug/l	99
79) 2-Chlorotoluene	11.42	91	308225	18.671	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	369090	18.114	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	35924	19.124	ug/l	90
82) 4-Chlorotoluene	11.51	91	360019	19.012	ug/l	100
83) tert-Butylbenzene	11.77	119	366867	17.990	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	381508	17.801	ug/l	100
85) sec-Butylbenzene	11.94	105	434960	17.397	ug/l	99
86) p-Isopropyltoluene	12.06	119	388880	17.694	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	227550	18.879	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	228358	18.481	ug/l	98
89) n-Butylbenzene	12.38	91	325243	17.388	ug/l	98
90) Hexachloroethane	12.60	117	48741	16.530	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	225890	18.734	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	29134	19.139	ug/l	98

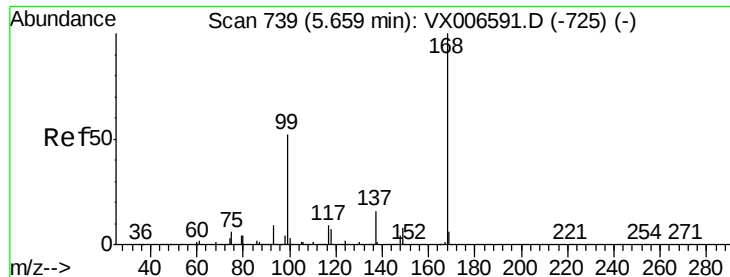
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122618\
Data File : VX006827.D
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	139803	16.809	ug/l	99
94) Hexachlorobutadiene	13.78	225	62893	16.043	ug/l	100
95) Naphthalene	13.83	128	431926	16.271	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	136701	15.919	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006827.D

Acq: 26 Dec 2018 19:08

Instrument :

MSVOA_X

ClientSampleId :

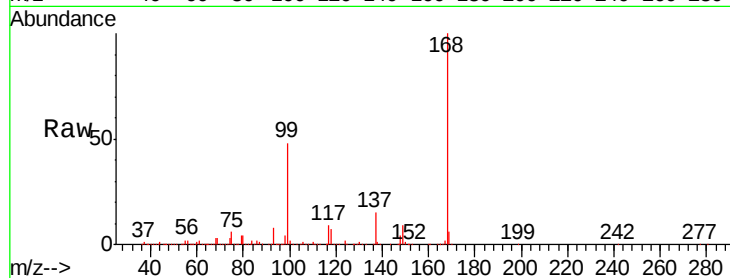
VX1226MBSD01

Tgt Ion:168 Resp: 568829

Ion Ratio Lower Upper

168 100

99 47.4 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

150000

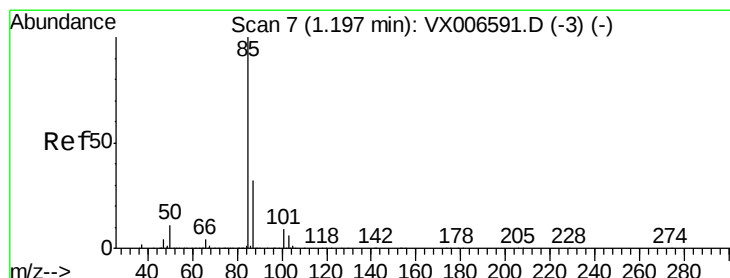
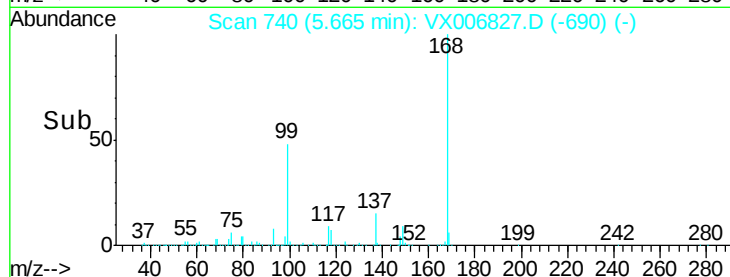
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 16.650 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006827.D

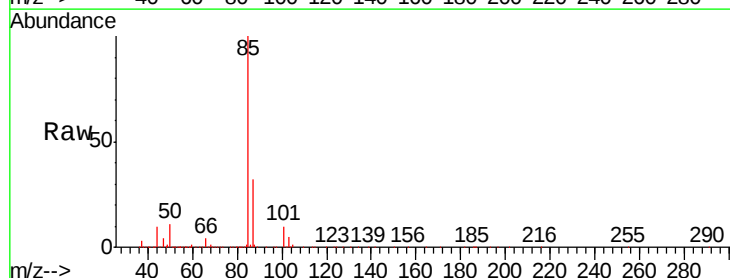
Acq: 26 Dec 2018 19:08

Tgt Ion: 85 Resp: 86644

Ion Ratio Lower Upper

85 100

87 32.4 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80000

60000

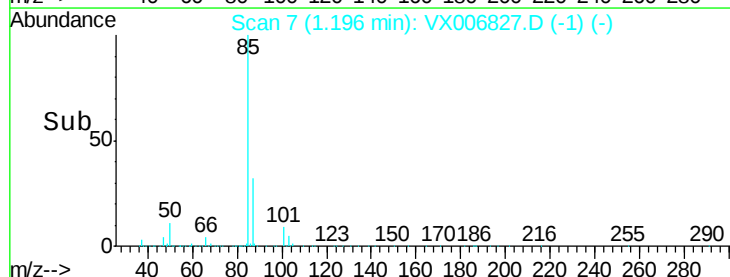
40000

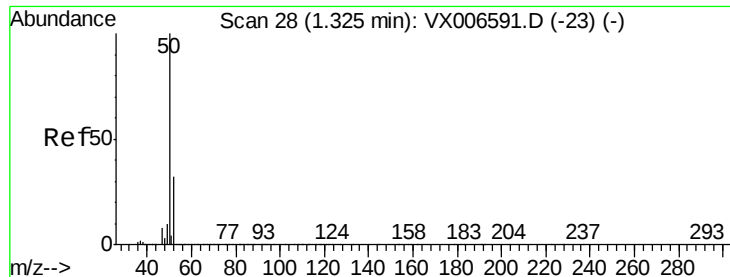
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 16.944 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX006827.D

Acq: 26 Dec 2018 19:08

Instrument :

MSVOA_X

ClientSampleId :

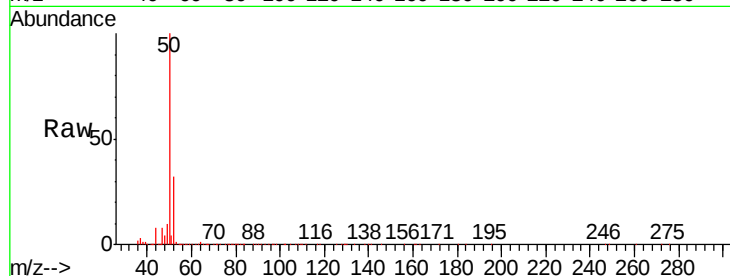
VX1226MBSD01

Tgt Ion: 50 Resp: 94992

Ion Ratio Lower Upper

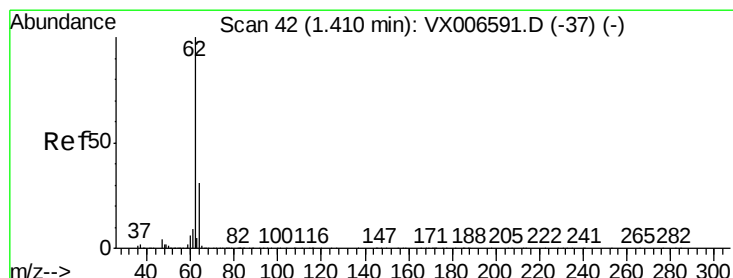
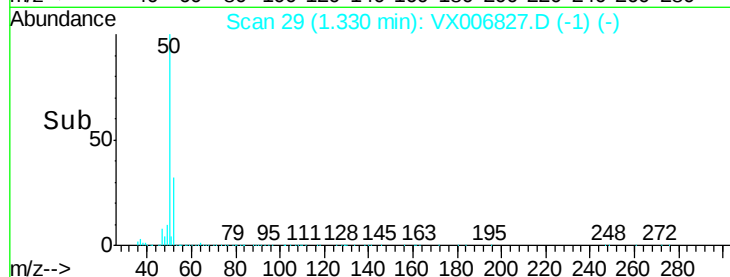
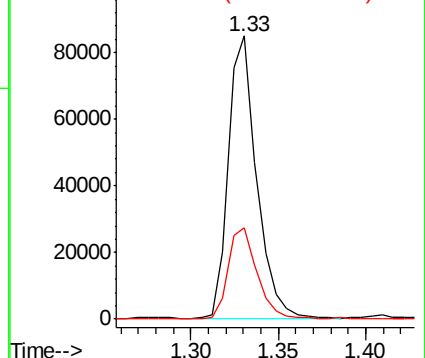
50 100

52 32.2 25.4 38.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 17.415 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX006827.D

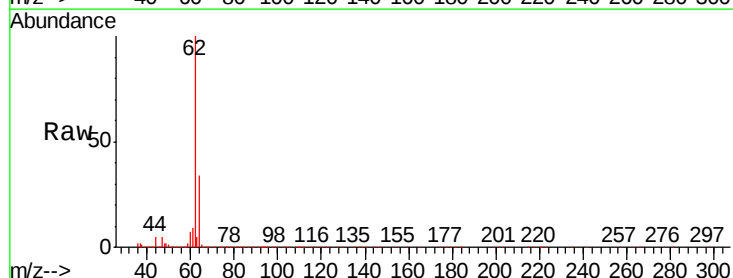
Acq: 26 Dec 2018 19:08

Tgt Ion: 62 Resp: 101967

Ion Ratio Lower Upper

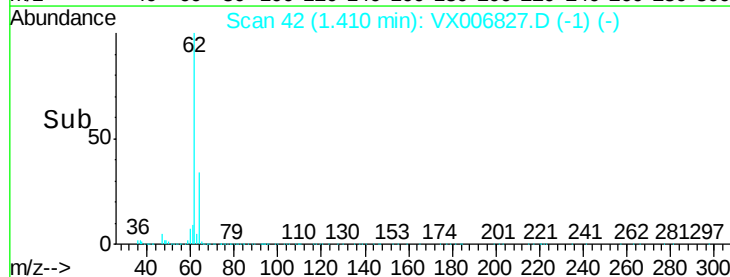
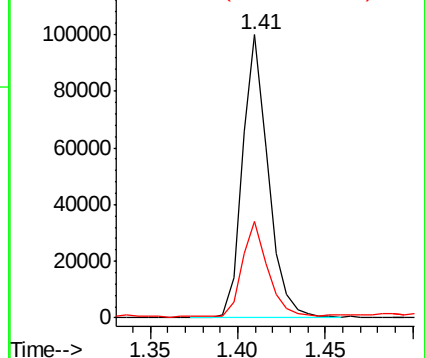
62 100

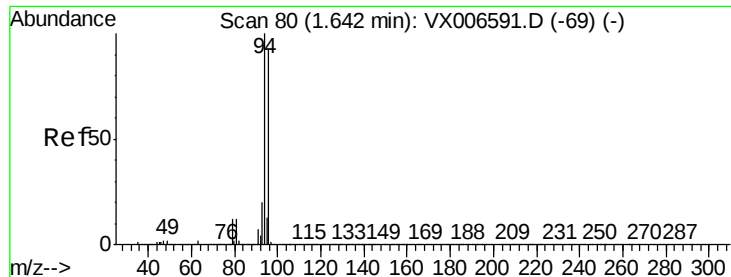
64 33.5 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 13.370 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006827.D

Acq: 26 Dec 2018 19:08

Instrument :

MSVOA_X

ClientSampleId :

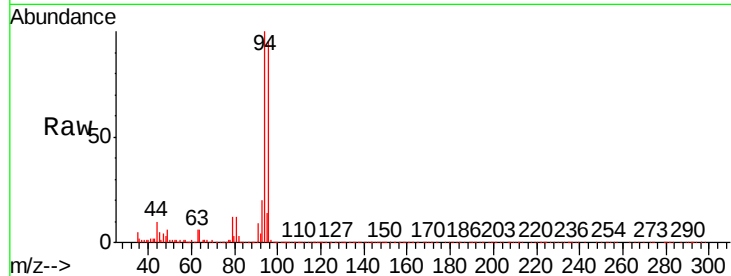
VX1226MBSD01

Tgt Ion: 94 Resp: 80730

Ion Ratio Lower Upper

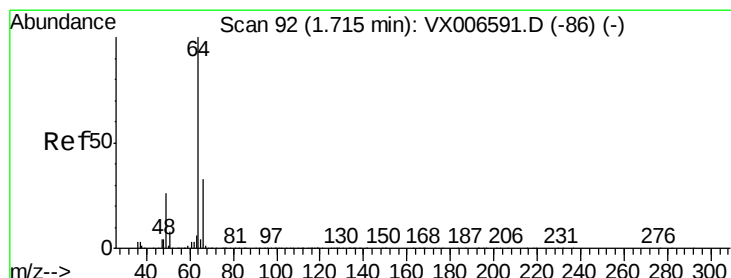
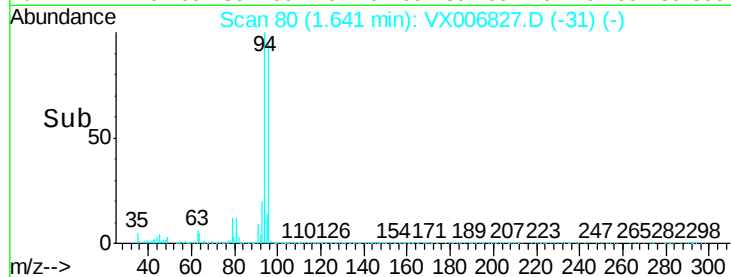
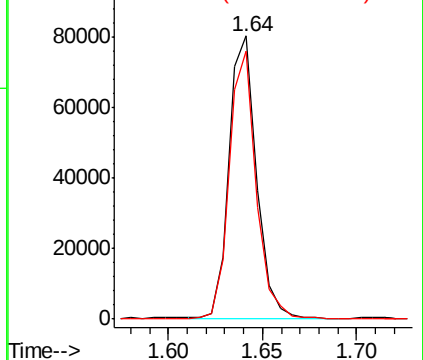
94 100

96 94.6 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 16.558 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX006827.D

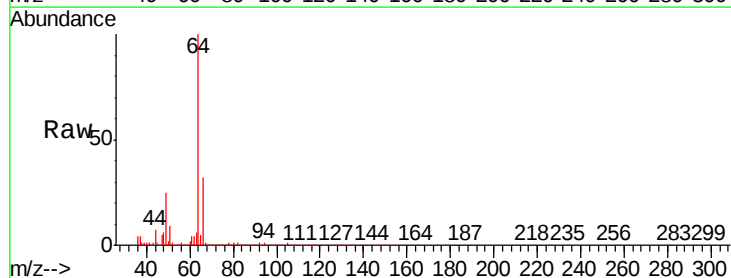
Acq: 26 Dec 2018 19:08

Tgt Ion: 64 Resp: 67129

Ion Ratio Lower Upper

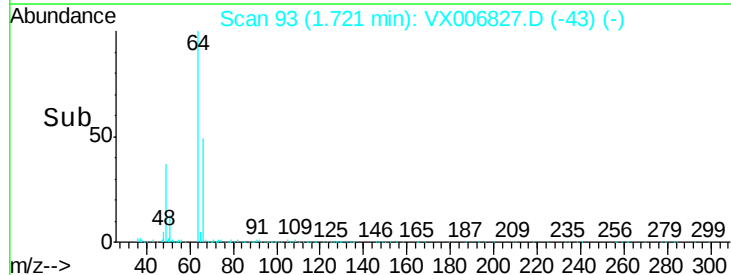
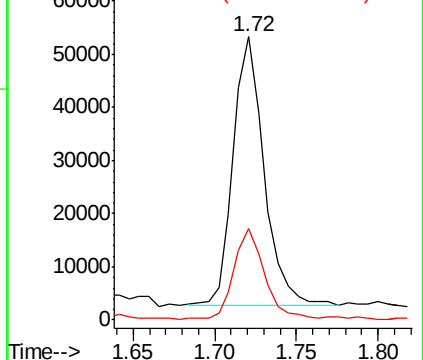
64 100

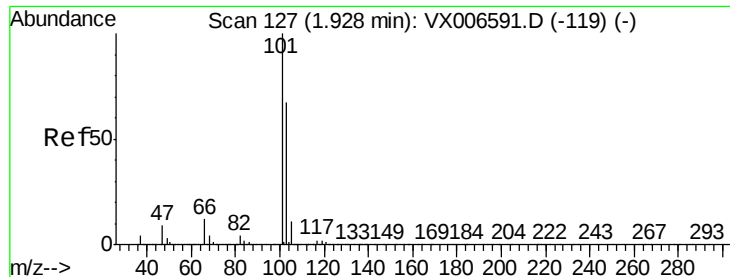
66 33.2 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



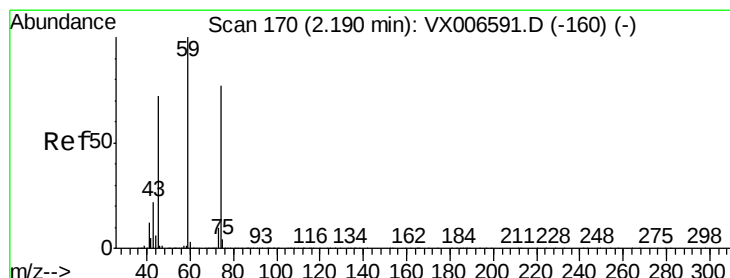
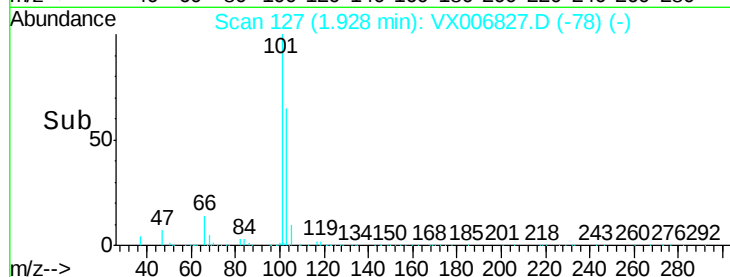
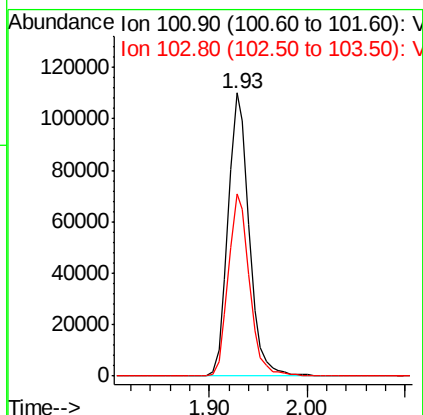
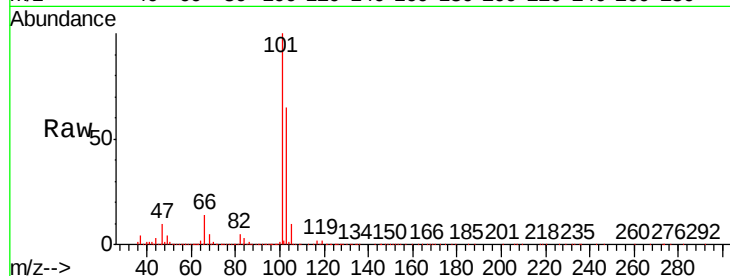


#7

Trichlorofluoromethane
 Concen: 18.051 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VX006827.D
 Acq: 26 Dec 2018 19:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1226MBSD01

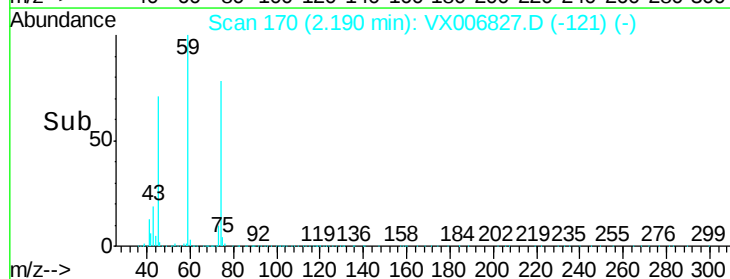
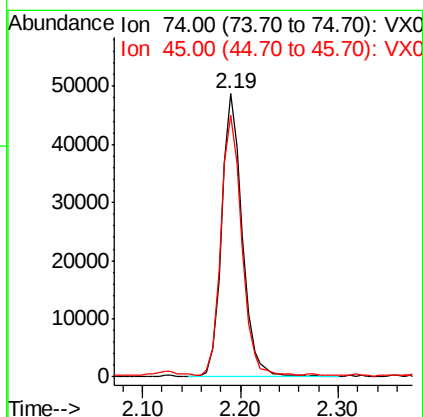
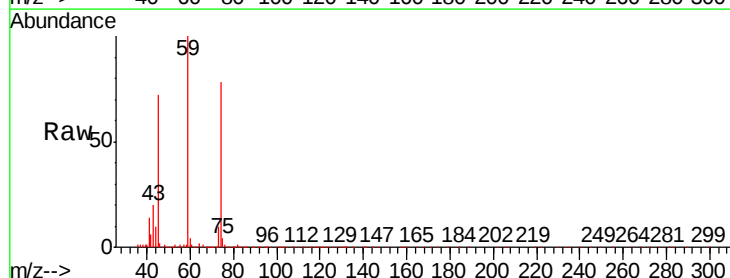
Tgt Ion: 101 Resp: 164784
 Ion Ratio Lower Upper
 101 100
 103 64.5 53.2 79.8

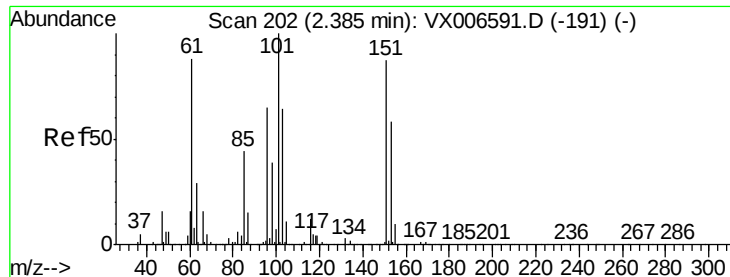


#8

Diethyl Ether
 Concen: 19.592 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX006827.D
 Acq: 26 Dec 2018 19:08

Tgt Ion: 74 Resp: 71039
 Ion Ratio Lower Upper
 74 100
 45 92.1 46.3 138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.605 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX006827.D

Acq: 26 Dec 2018 19:08

Instrument :

MSVOA_X

ClientSampleId :

VX1226MBSD01

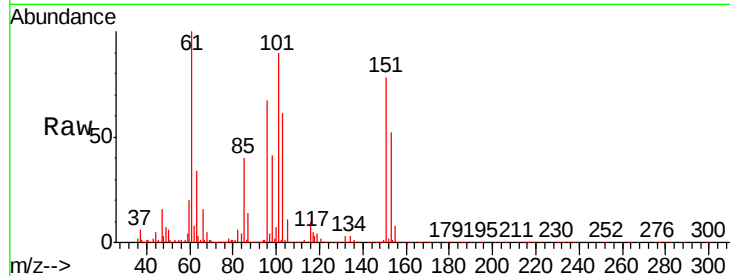
Tgt Ion:101 Resp: 94362

Ion Ratio Lower Upper

101 100

85 44.4 35.1 52.7

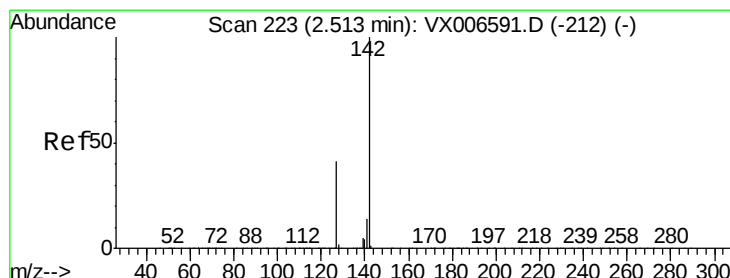
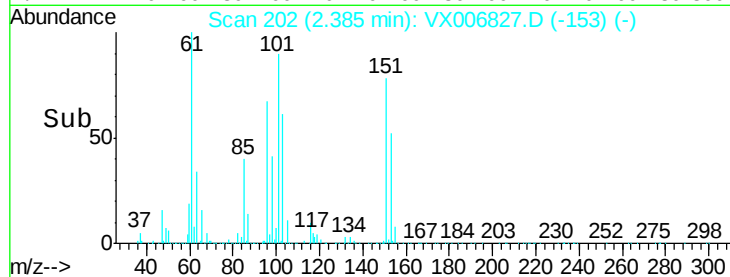
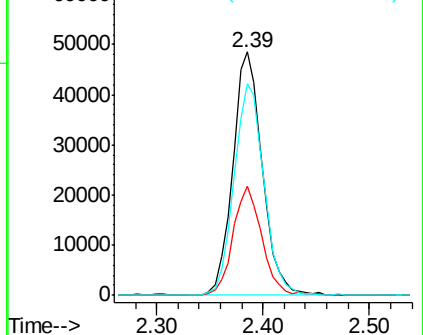
151 88.5 68.9 103.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 12.839 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX006827.D

Acq: 26 Dec 2018 19:08

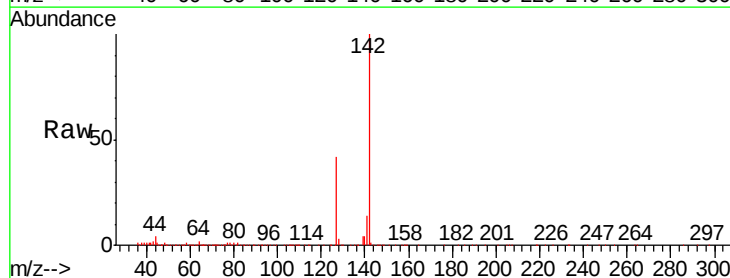
Tgt Ion:142 Resp: 98508

Ion Ratio Lower Upper

142 100

127 42.4 33.9 50.9

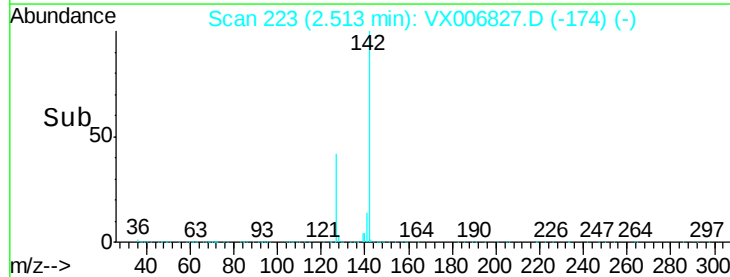
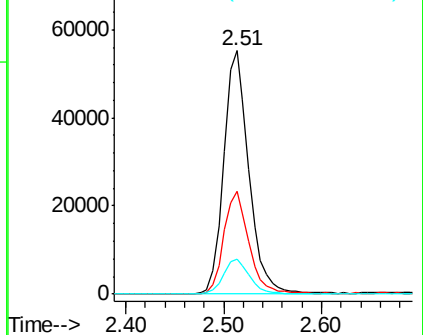
141 14.8 11.4 17.0

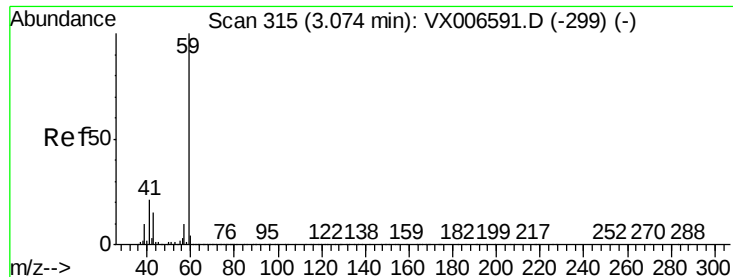


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



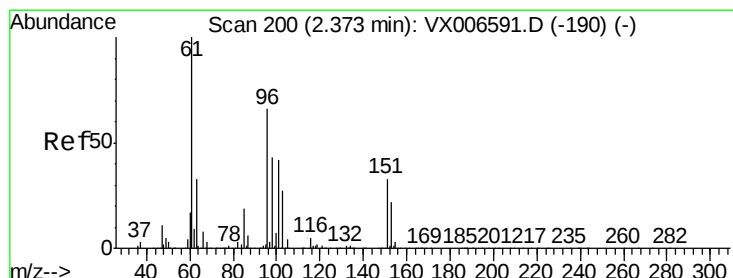
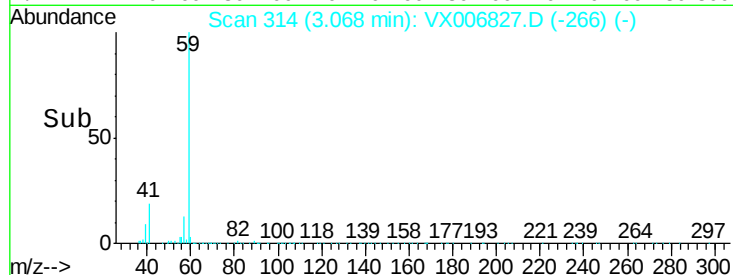
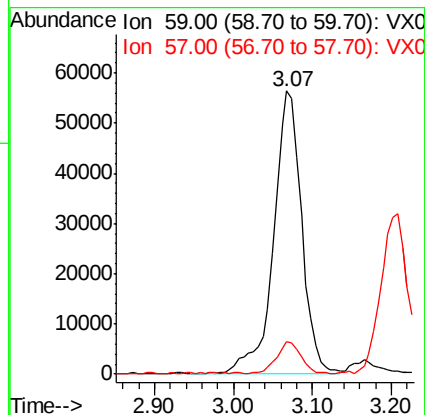
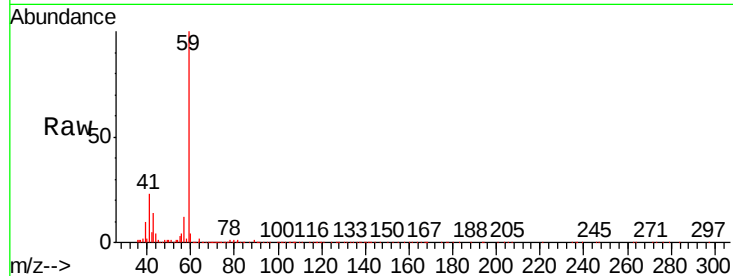


#11

Tert butyl alcohol
 Concen: 101.537 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX006827.D
 Acq: 26 Dec 2018 19:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1226MBSD01

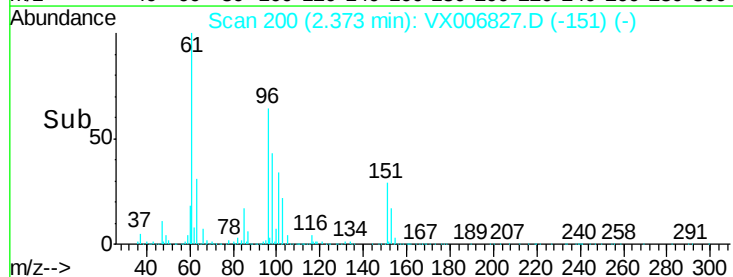
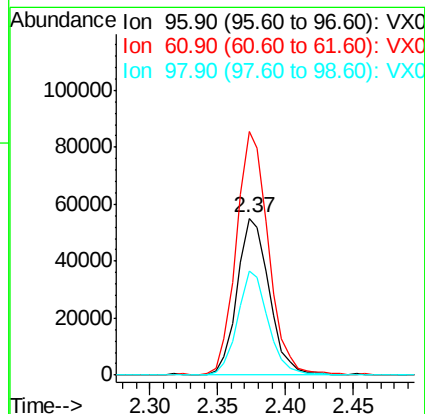
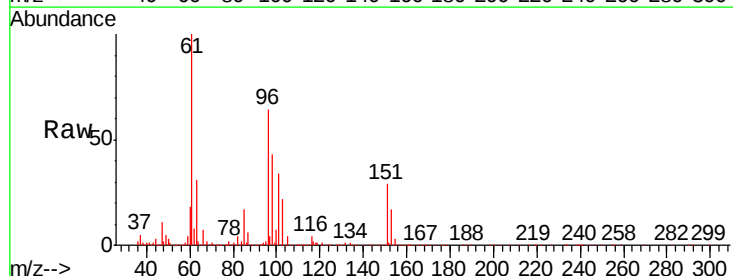
Tgt Ion: 59 Resp: 138921
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.5 12.7

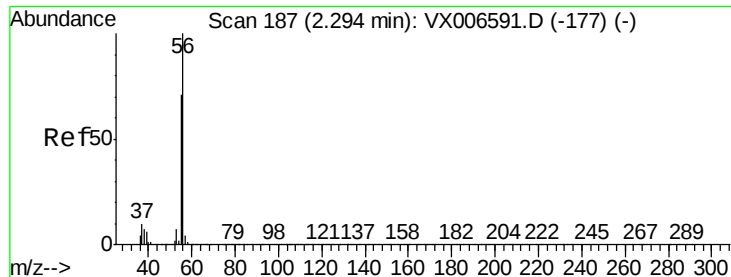


#12

1,1-Dichloroethene
 Concen: 17.598 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX006827.D
 Acq: 26 Dec 2018 19:08

Tgt Ion: 96 Resp: 89439
 Ion Ratio Lower Upper
 96 100
 61 155.6 121.4 182.2
 98 66.8 51.9 77.9





#13

Acrolein

Concen: 85.853 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX006827.D

Acq: 26 Dec 2018 19:08

Instrument :

MSVOA_X

ClientSampleId :

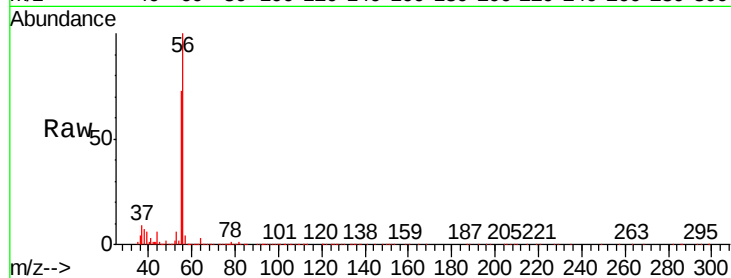
VX1226MBSD01

Tgt Ion: 56 Resp: 79241

Ion Ratio Lower Upper

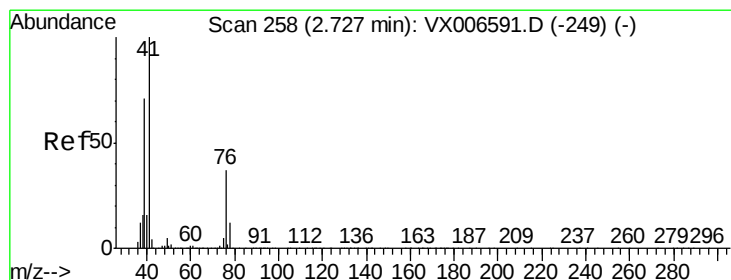
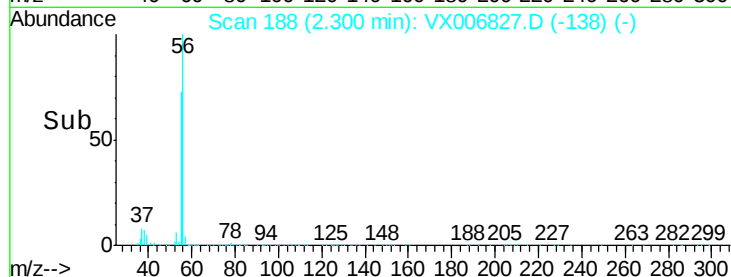
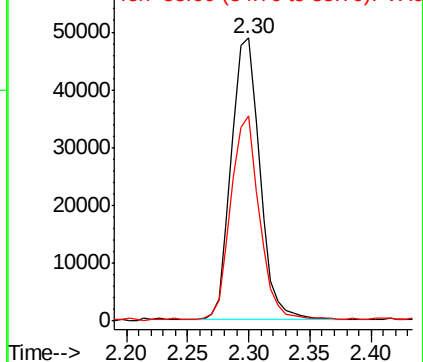
56 100

55 72.1 58.2 87.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 18.896 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX006827.D

Acq: 26 Dec 2018 19:08

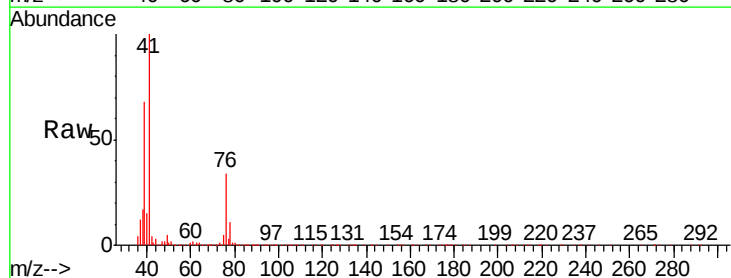
Tgt Ion: 41 Resp: 161653

Ion Ratio Lower Upper

41 100

39 67.0 53.6 80.4

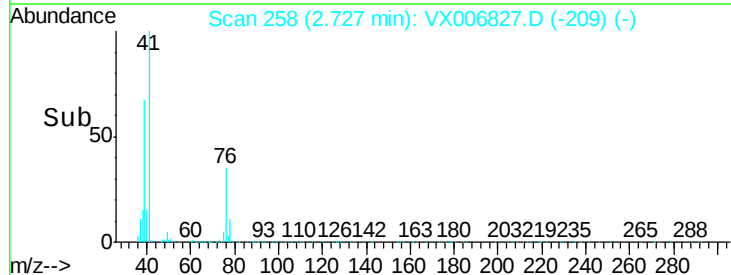
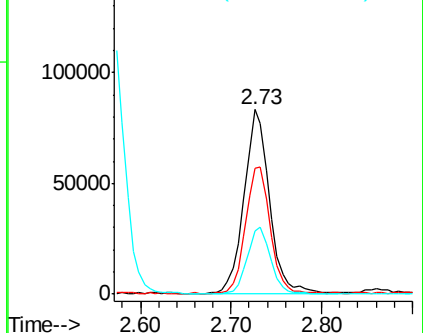
76 33.4 27.4 41.2

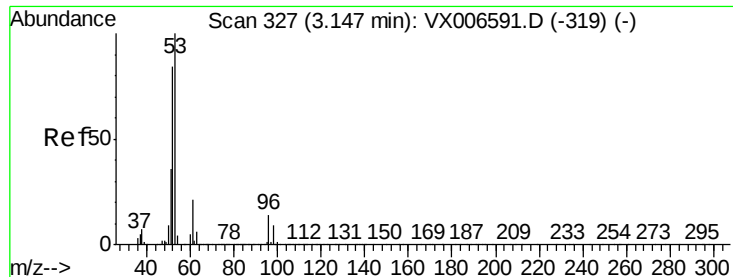


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 103.701 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX006827.D

Acq: 26 Dec 2018 19:08

Instrument :

MSVOA_X

ClientSampleId :

VX1226MBSD01

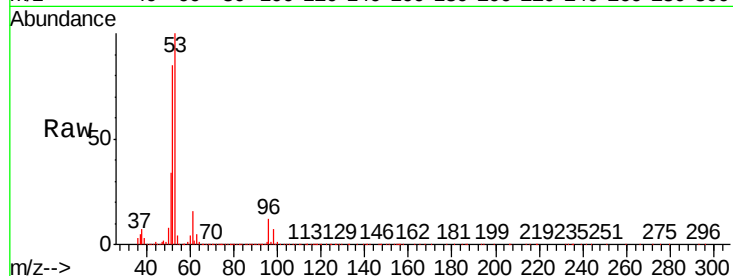
Tgt Ion: 53 Resp: 315021

Ion Ratio Lower Upper

53 100

52 83.2 66.0 99.0

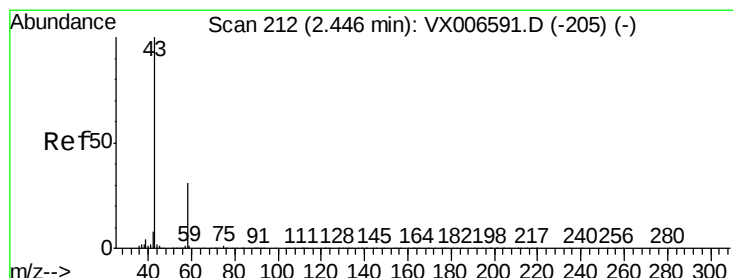
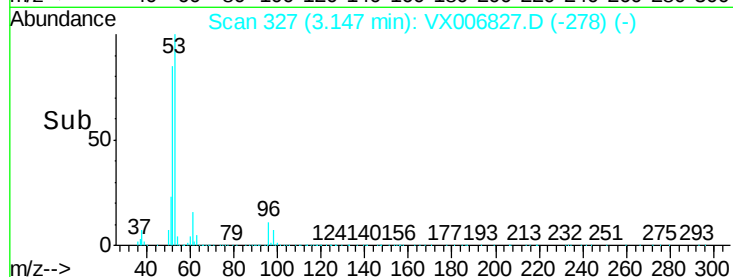
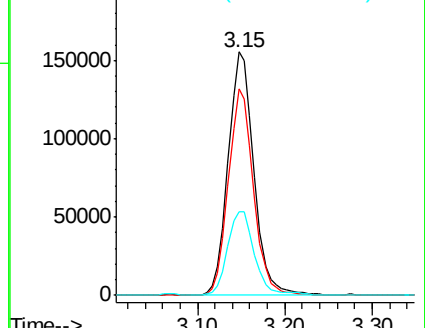
51 36.0 28.6 42.8



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 91.569 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006827.D

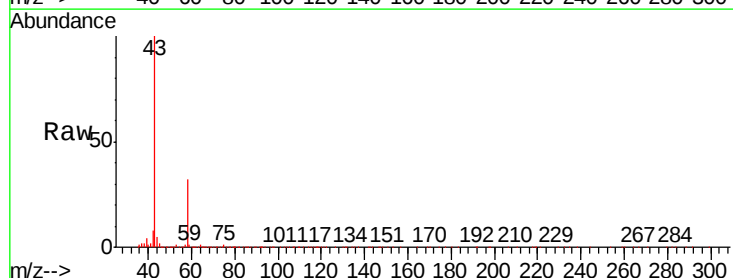
Acq: 26 Dec 2018 19:08

Tgt Ion: 43 Resp: 257912

Ion Ratio Lower Upper

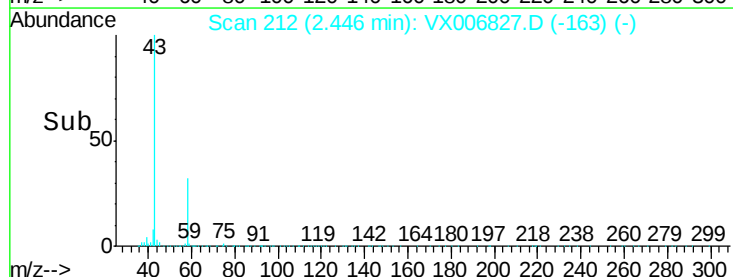
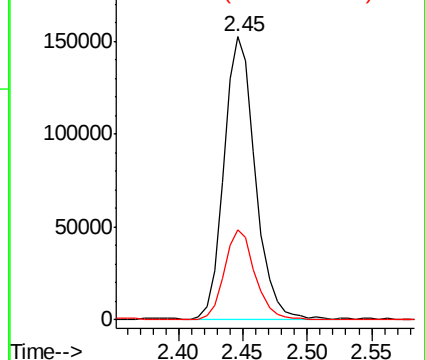
43 100

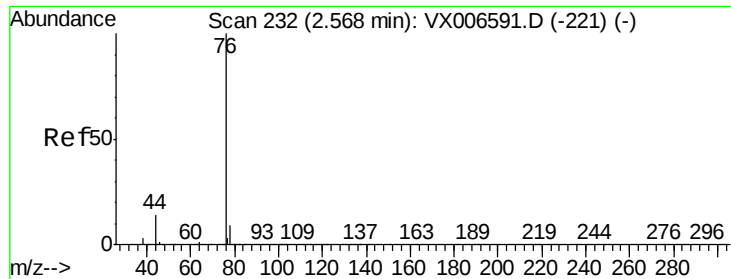
58 31.8 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 14.657 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX006827.D

Acq: 26 Dec 2018 19:08

Instrument :

MSVOA_X

ClientSampleId :

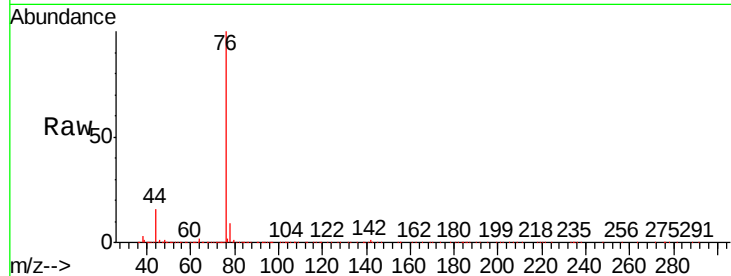
VX1226MBSD01

Tgt Ion: 76 Resp: 197131

Ion Ratio Lower Upper

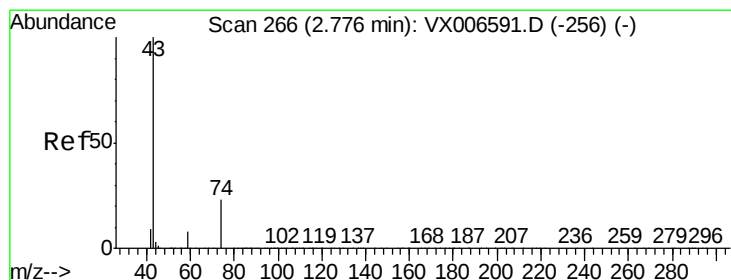
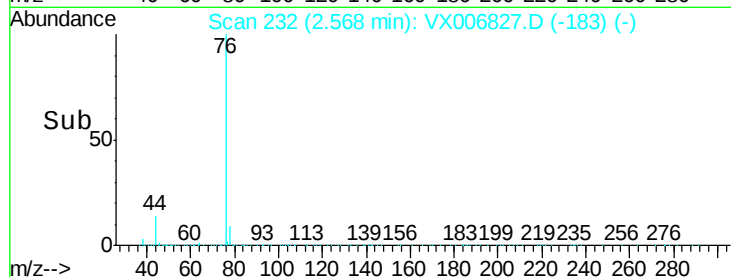
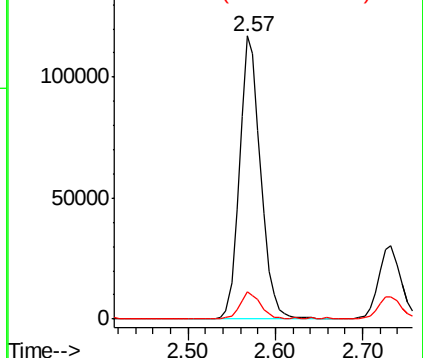
76 100

78 9.3 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 22.650 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX006827.D

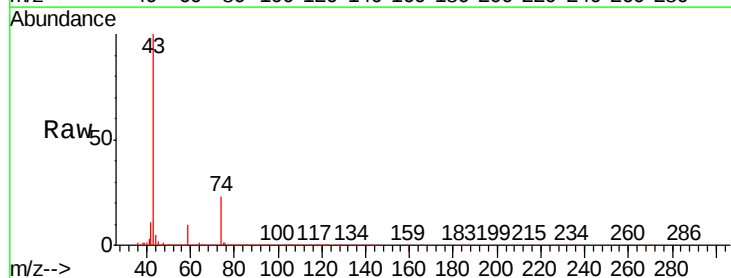
Acq: 26 Dec 2018 19:08

Tgt Ion: 43 Resp: 187587

Ion Ratio Lower Upper

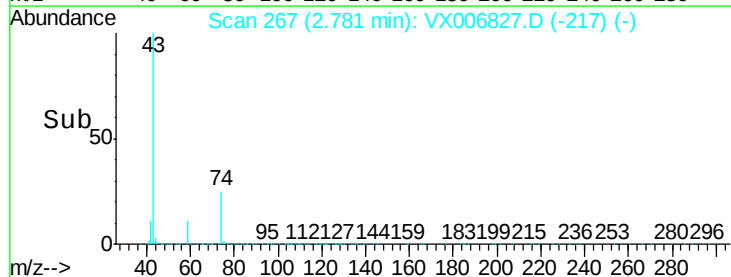
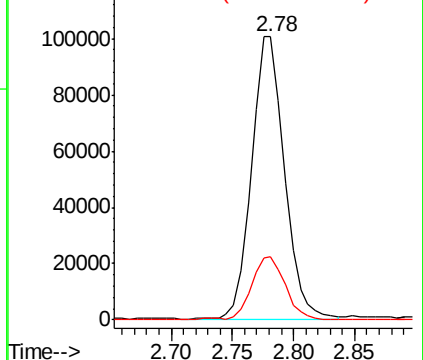
43 100

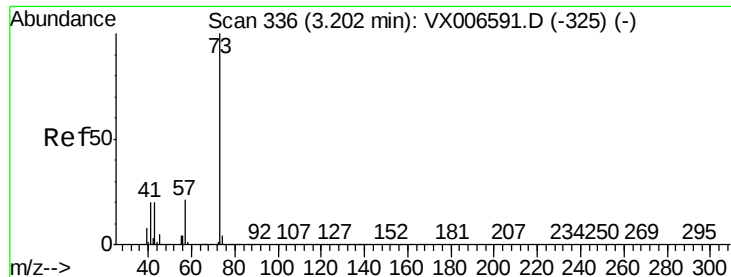
74 23.0 18.6 28.0



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: 21.027 ug/l

RT: 3.20 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX006827.D

Acq: 26 Dec 2018 19:08

Instrument :

MSVOA_X

ClientSampleId :

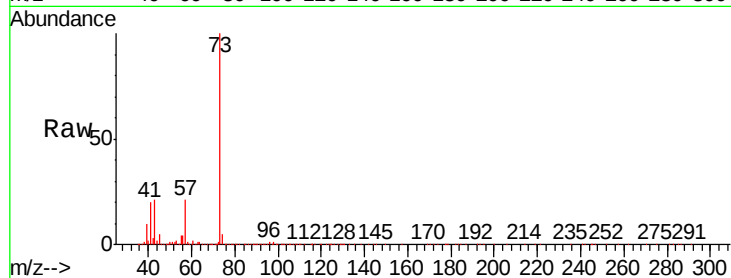
VX1226MBSD01

Tgt Ion: 73 Resp: 354693

Ion Ratio Lower Upper

73 100

57 20.3 16.8 25.2



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

150000

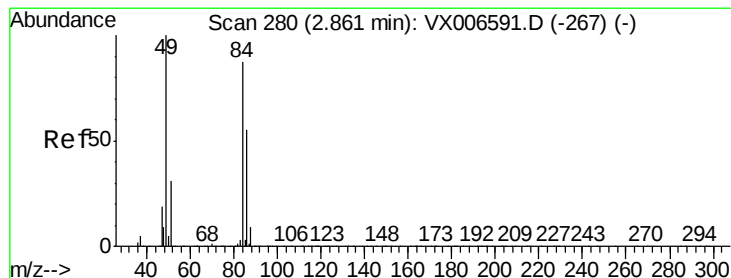
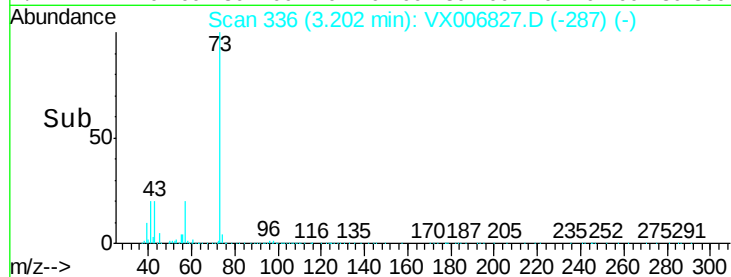
100000

50000

0

3.10 3.20 3.30

Time-->



#20

Methylene Chloride

Concen: 19.323 ug/l

RT: 2.86 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX006827.D

Acq: 26 Dec 2018 19:08

Tgt Ion: 84 Resp: 112540

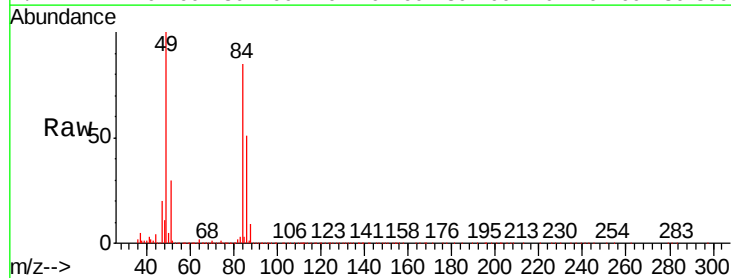
Ion Ratio Lower Upper

84 100

49 117.1 91.8 137.6

51 34.3 28.5 42.7

86 59.5 50.2 75.2



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

100000

80000

60000

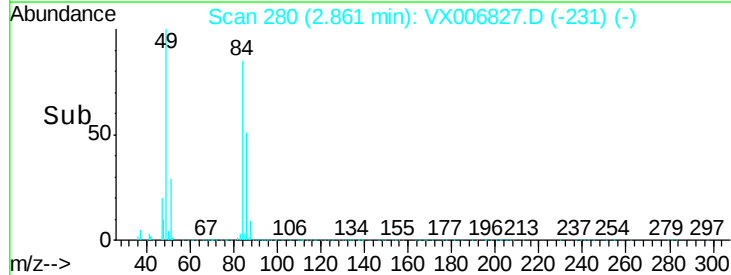
40000

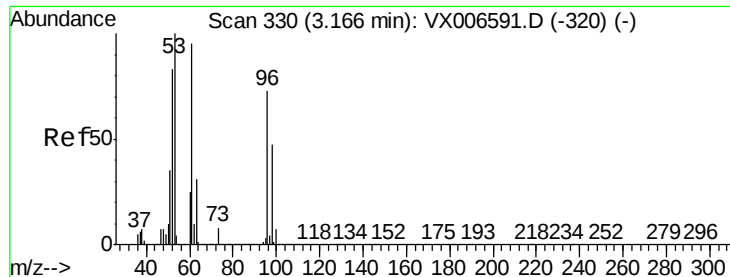
20000

0

2.75 2.80 2.85 2.90 2.95

Time-->





#21

trans-1,2-Dichloroethene

Concen: 17.917 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006827.D

Acq: 26 Dec 2018 19:08

Instrument :

MSVOA_X

ClientSampleId :

VX1226MBSD01

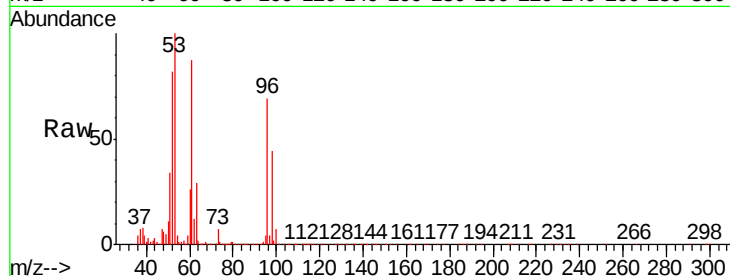
Tgt Ion: 96 Resp: 100892

Ion Ratio Lower Upper

96 100

61 126.1 103.7 155.5

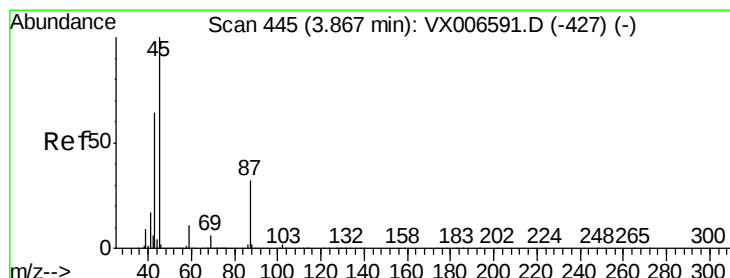
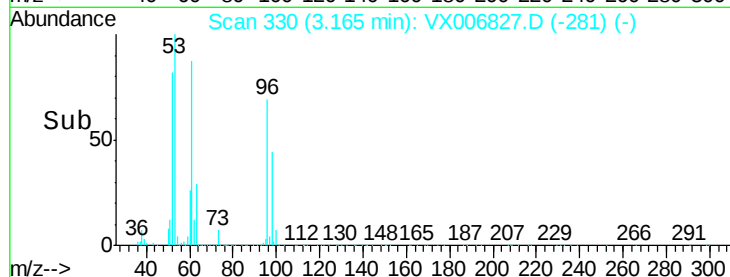
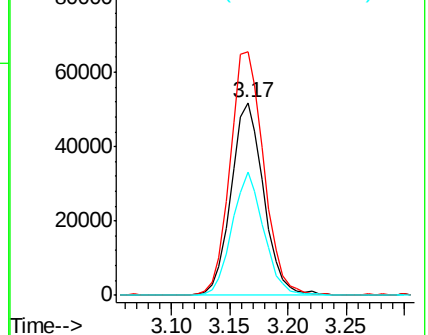
98 63.9 51.0 76.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 20.505 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

Lab File: VX006827.D

Acq: 26 Dec 2018 19:08

Tgt Ion: 45 Resp: 320916

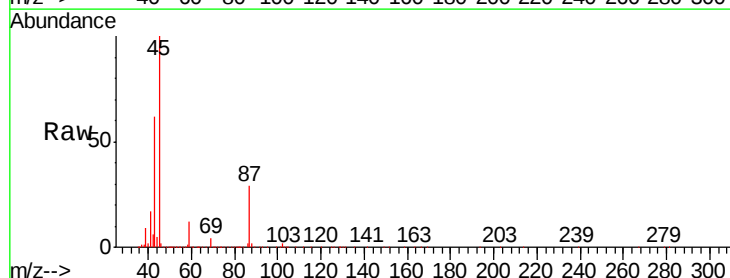
Ion Ratio Lower Upper

45 100

43 61.4 51.2 76.8

87 29.0 25.8 38.6

59 11.7 9.0 13.4

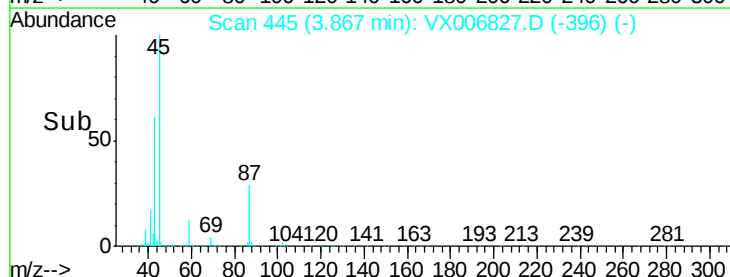
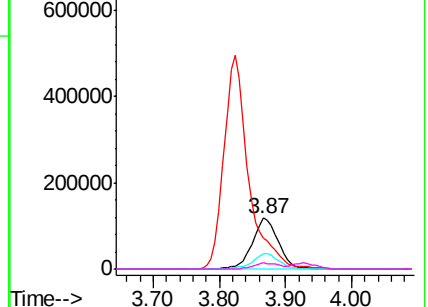


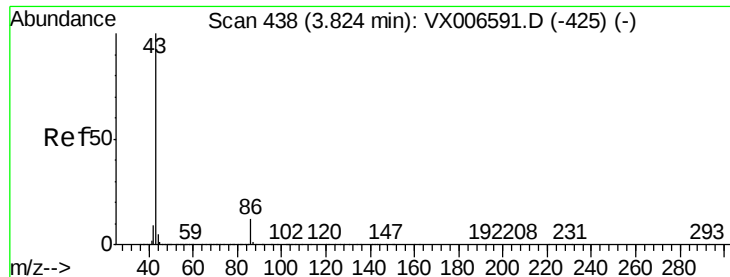
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 100.050 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX006827.D

Acq: 26 Dec 2018 19:08

Instrument :

MSVOA_X

ClientSampleId :

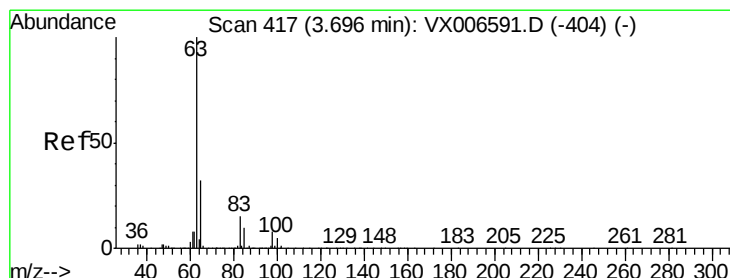
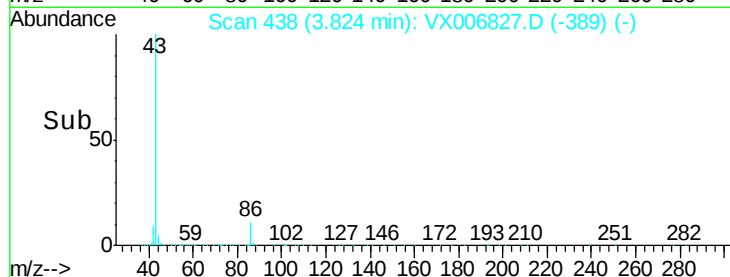
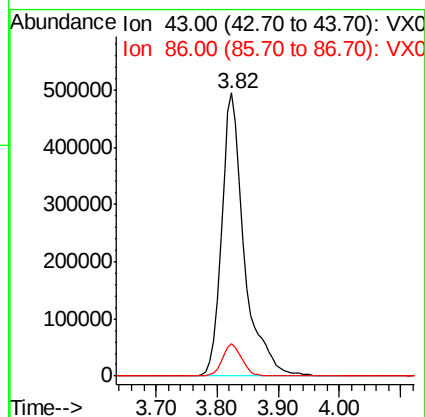
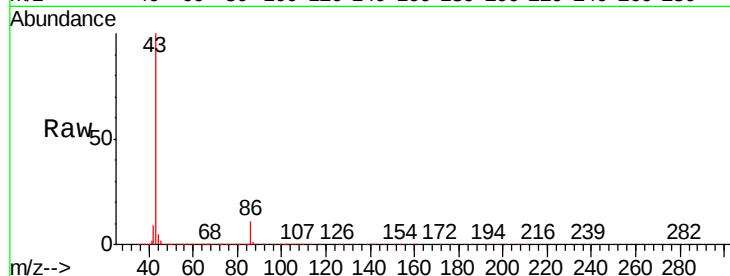
VX1226MBSD01

Tgt Ion: 43 Resp: 1280798

Ion Ratio Lower Upper

43 100

86 11.4 9.2 13.8



#24

1,1-Dichloroethane

Concen: 18.315 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX006827.D

Acq: 26 Dec 2018 19:08

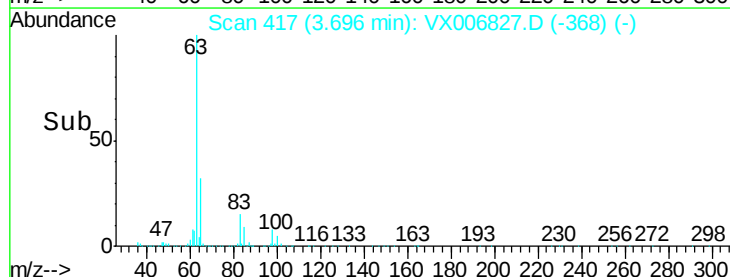
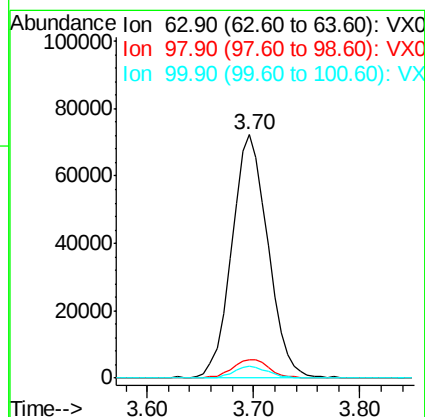
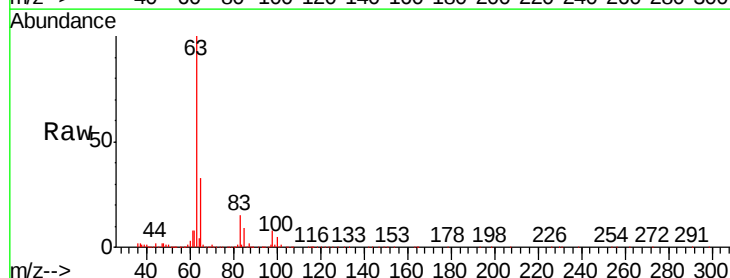
Tgt Ion: 63 Resp: 171113

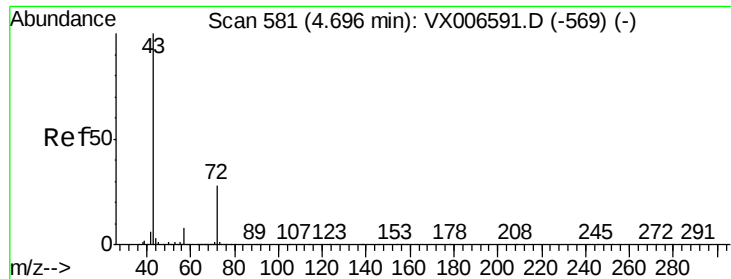
Ion Ratio Lower Upper

63 100

98 7.5 3.9 11.5

100 4.8 2.4 7.2





#25

2-Butanone

Concen: 98.148 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX006827.D

Acq: 26 Dec 2018 19:08

Instrument :

MSVOA_X

ClientSampleId :

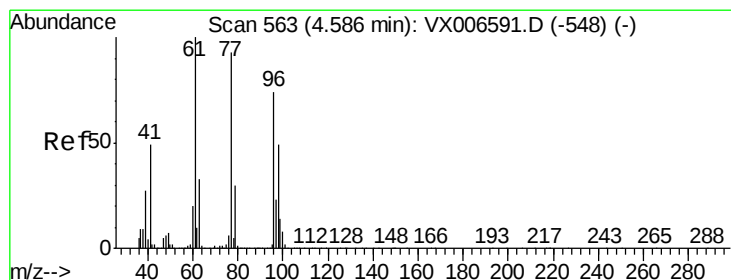
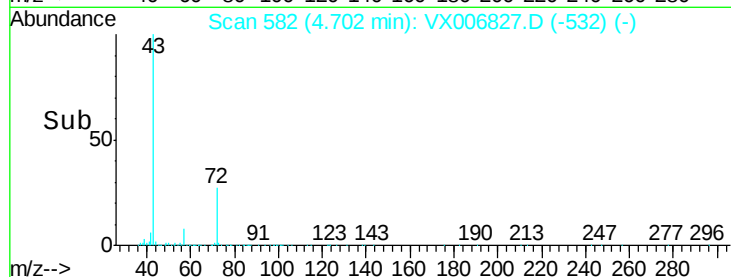
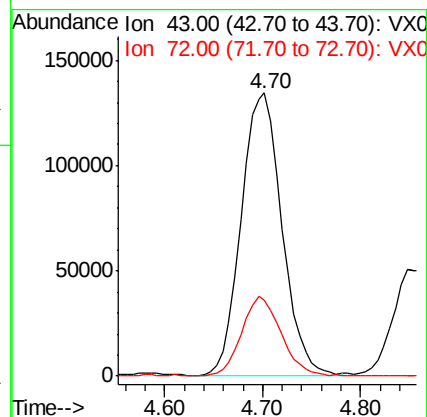
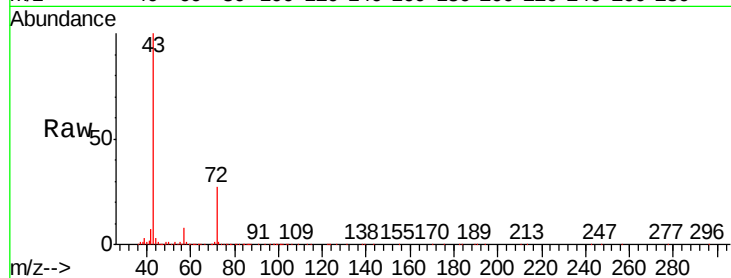
VX1226MBSD01

Tgt Ion: 43 Resp: 388850

Ion Ratio Lower Upper

43 100

72 26.9 22.4 33.6



#26

2,2-Dichloropropane

Concen: 15.045 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX006827.D

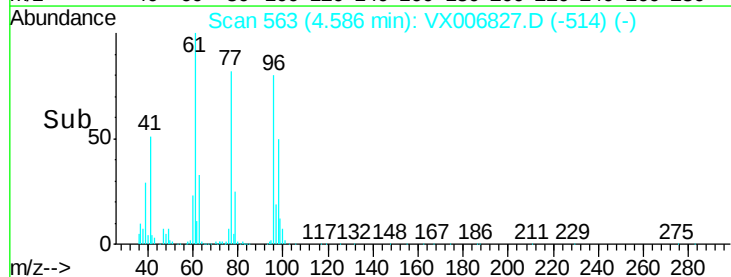
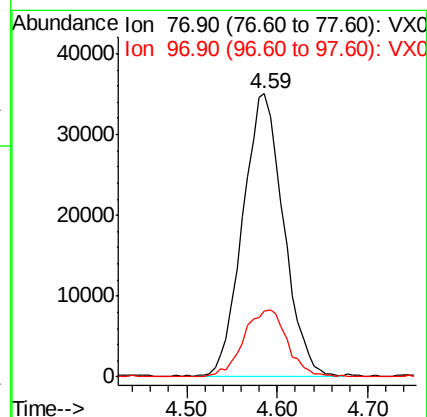
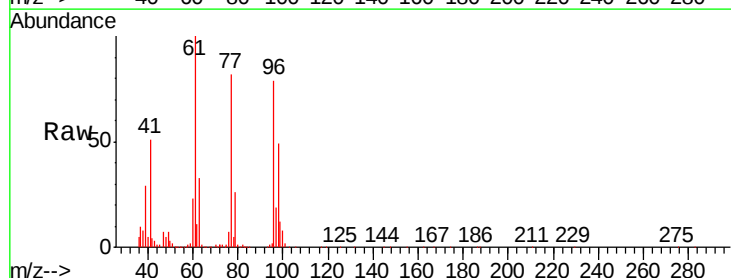
Acq: 26 Dec 2018 19:08

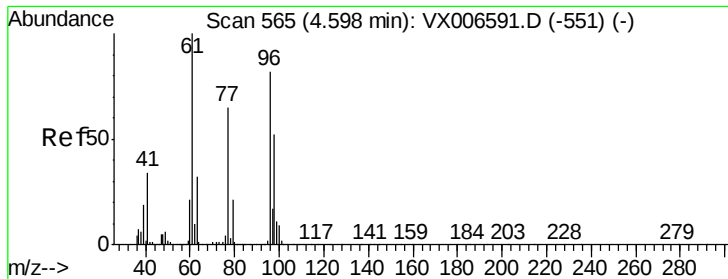
Tgt Ion: 77 Resp: 108579

Ion Ratio Lower Upper

77 100

97 25.4 12.4 37.4



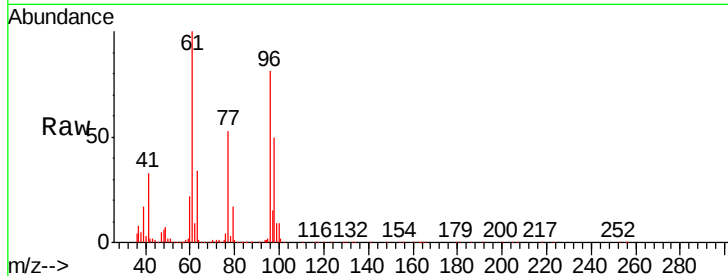


#27

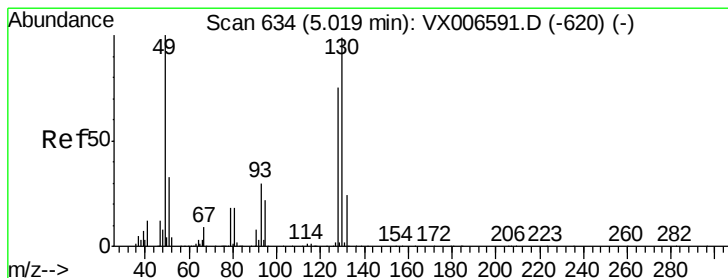
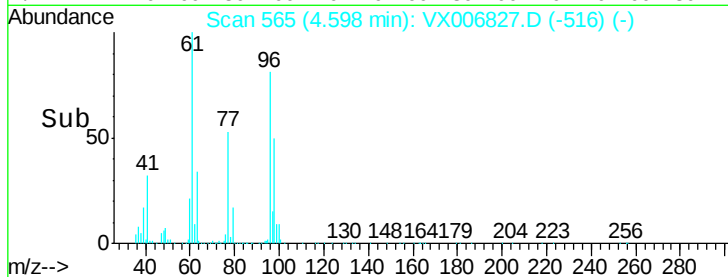
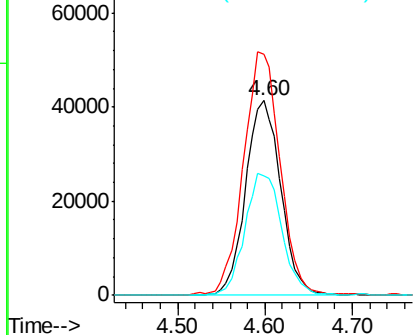
cis-1,2-Dichloroethene
 Concen: 18.645 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX006827.D
 Acq: 26 Dec 2018 19:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1226MBSD01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	130.3	0.0	258.6
98	65.8	0.0	132.0



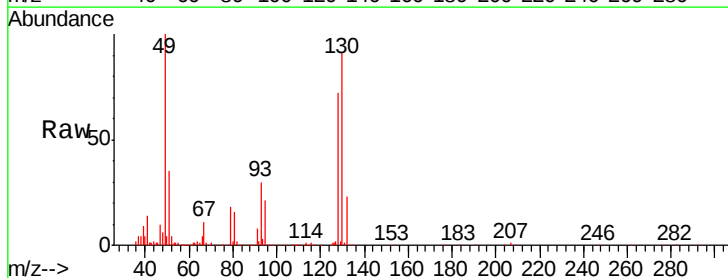
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



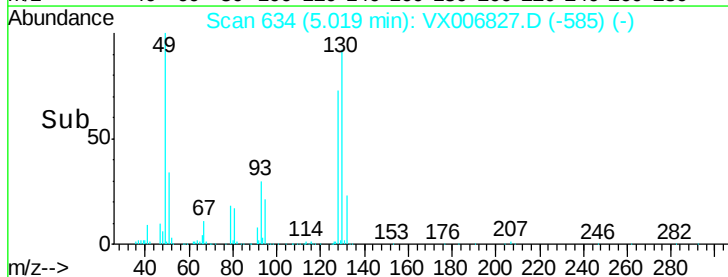
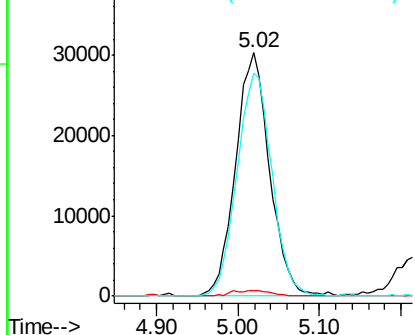
#28

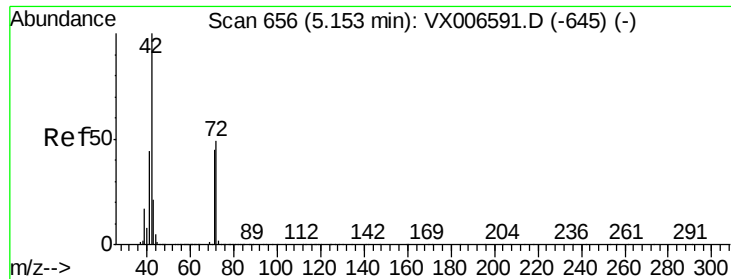
Bromochloromethane
 Concen: 21.178 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX006827.D
 Acq: 26 Dec 2018 19:08

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	5.4
130	94.6	77.7	116.5



Abundance Ion 48.90 (48.60 to 49.60): VX0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 101.602 ug/l

RT: 5.15 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX006827.D

Acq: 26 Dec 2018 19:08

Instrument :

MSVOA_X

ClientSampleId :

VX1226MBSD01

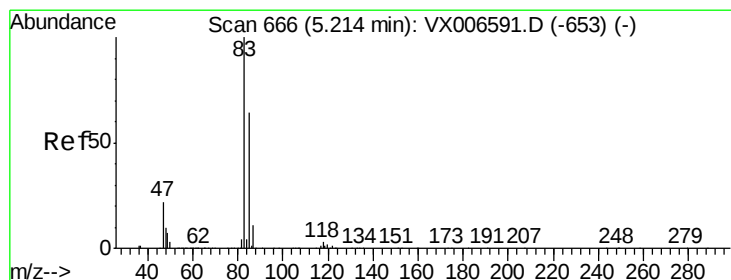
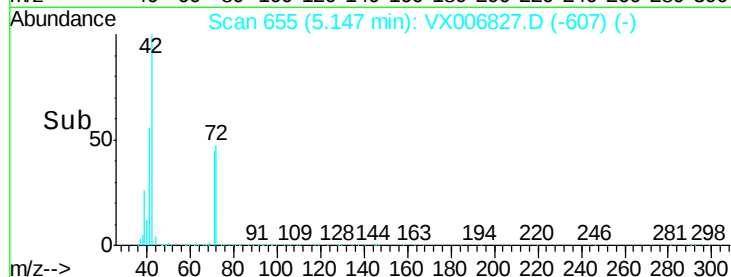
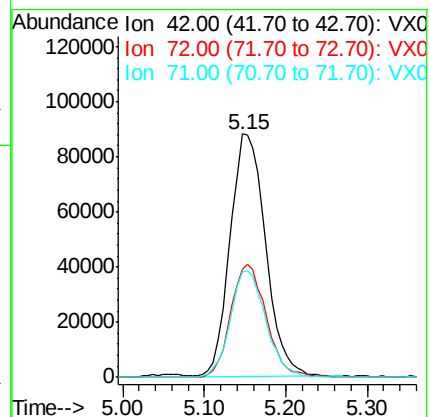
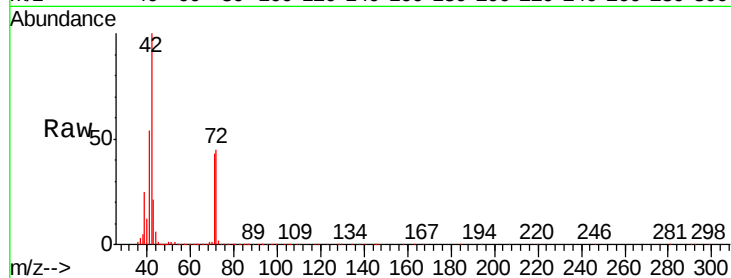
Tgt Ion: 42 Resp: 265122

Ion Ratio Lower Upper

42 100

72 46.3 38.9 58.3

71 44.2 36.2 54.4



#30

Chloroform

Concen: 18.805 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX006827.D

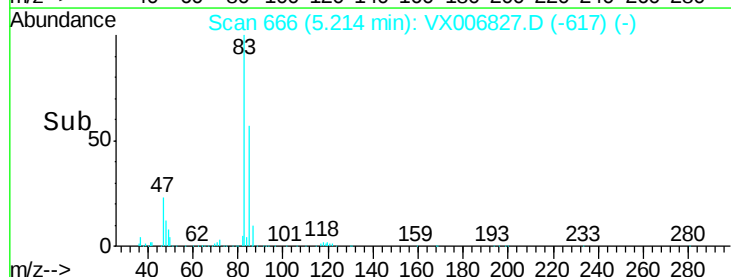
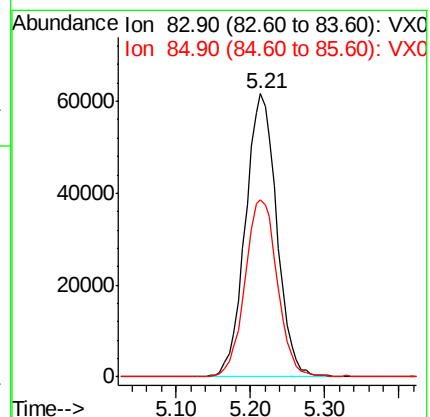
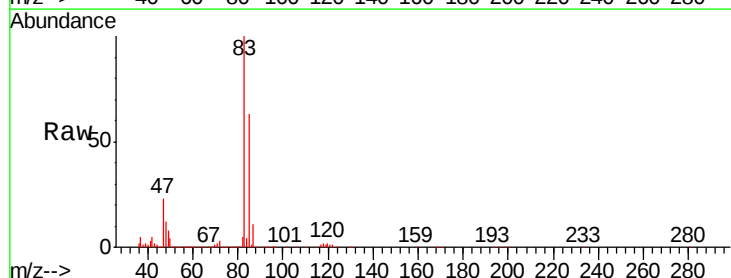
Acq: 26 Dec 2018 19:08

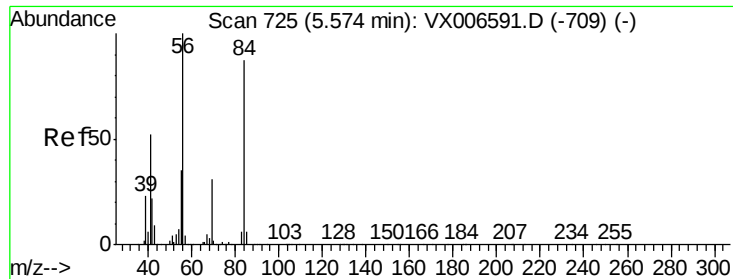
Tgt Ion: 83 Resp: 181932

Ion Ratio Lower Upper

83 100

85 62.7 51.2 76.8

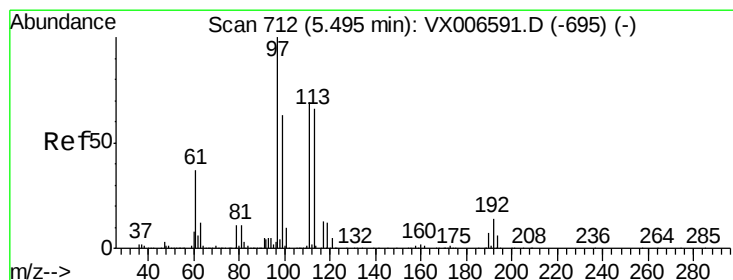
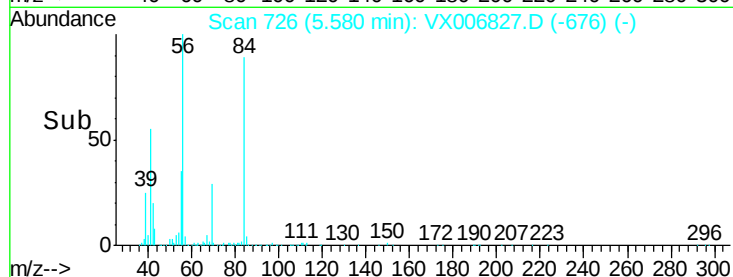
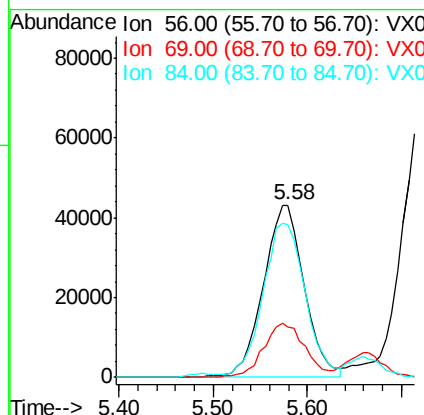
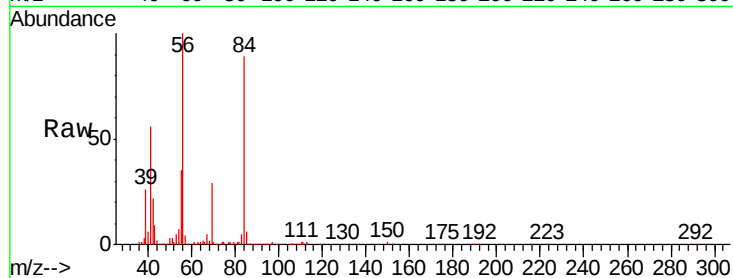




#31
Cyclohexane
Concen: 15.346 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX006827.D
Acq: 26 Dec 2018 19:08

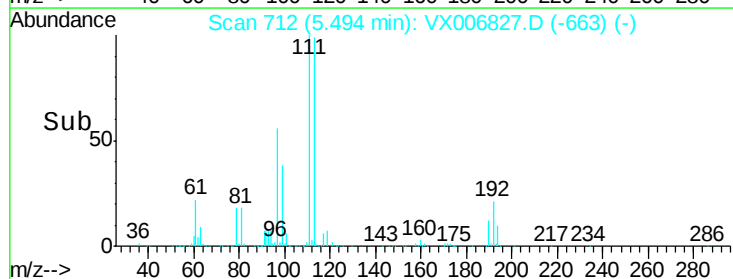
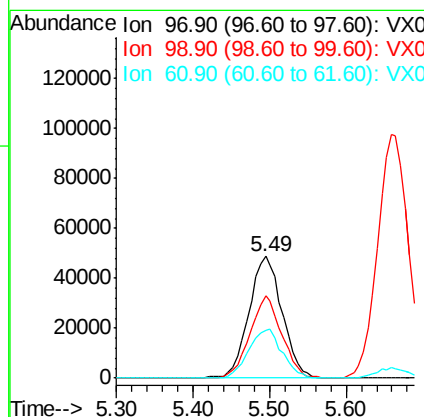
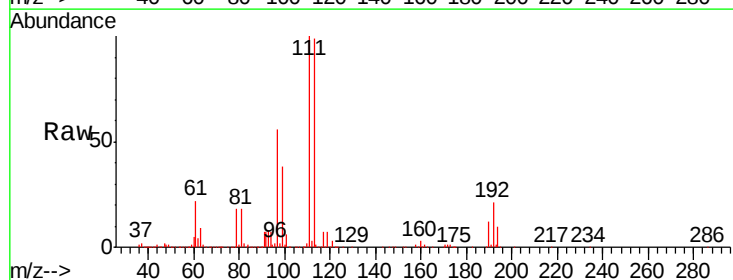
Instrument :
MSVOA_X
ClientSampleId :
VX1226MBSD01

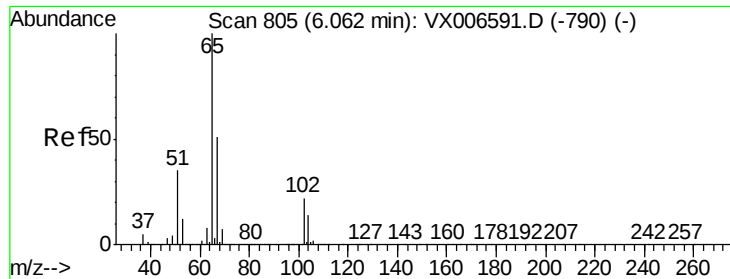
Tgt Ion: 56 Resp: 130246
Ion Ratio Lower Upper
56 100
69 28.7 24.4 36.6
84 87.1 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 18.025 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX006827.D
Acq: 26 Dec 2018 19:08

Tgt Ion: 97 Resp: 147251
Ion Ratio Lower Upper
97 100
99 64.7 51.7 77.5
61 41.0 31.3 46.9





#33

1,2-Dichloroethane-d4

Concen: 49.035 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006827.D

Acq: 26 Dec 2018 19:08

Instrument :

MSVOA_X

ClientSampleId :

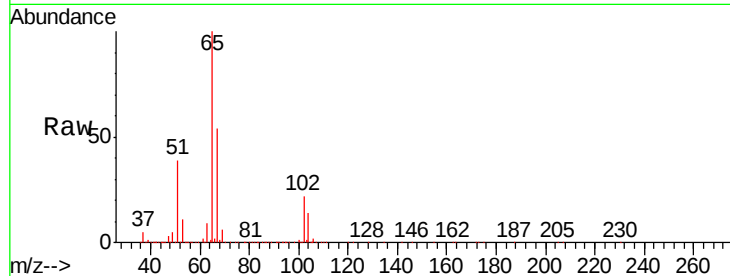
VX1226MBSD01

Tgt Ion: 65 Resp: 300612

Ion Ratio Lower Upper

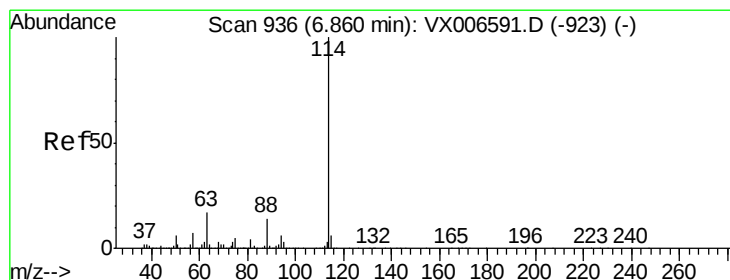
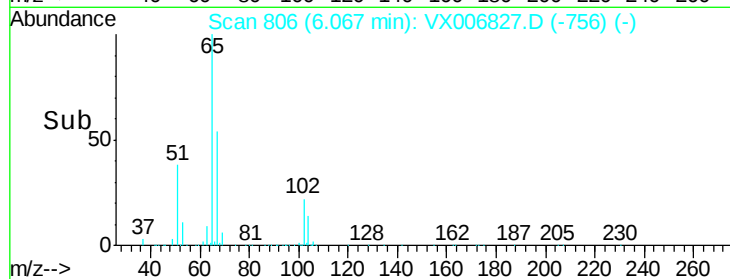
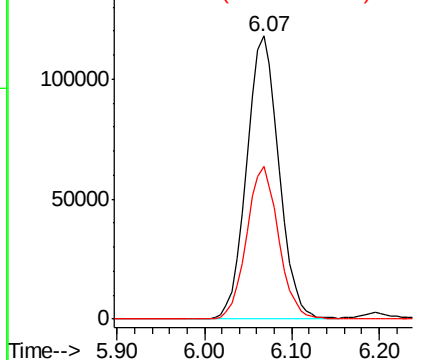
65 100

67 53.4 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006827.D

Acq: 26 Dec 2018 19:08

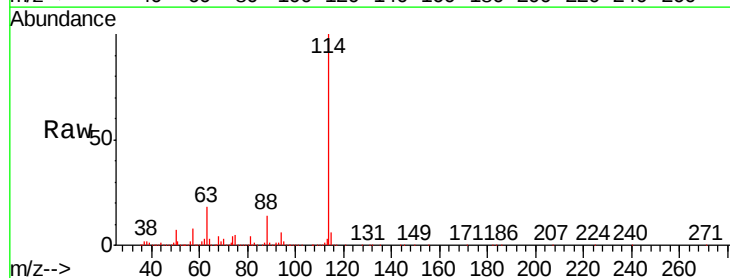
Tgt Ion: 114 Resp: 850374

Ion Ratio Lower Upper

114 100

63 18.5 0.0 34.8

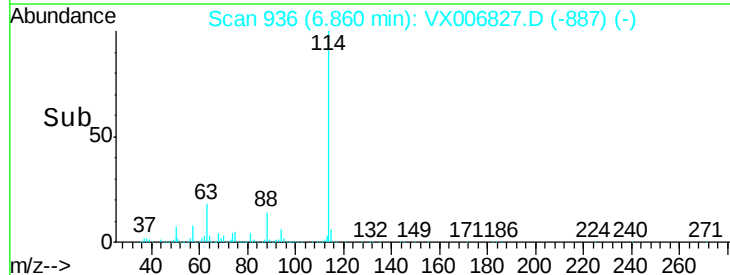
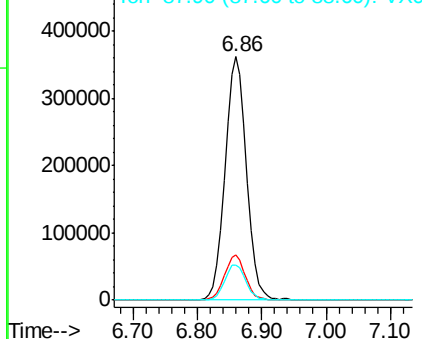
88 14.1 0.0 28.8

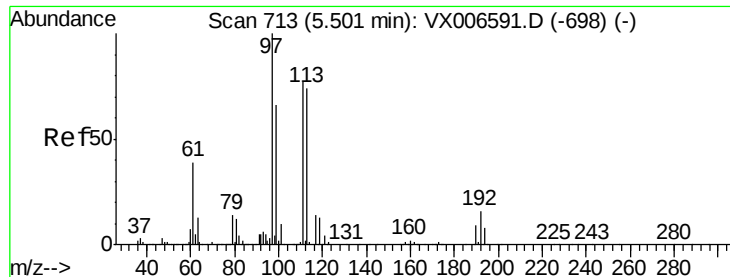


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.702 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006827.D

Acq: 26 Dec 2018 19:08

Instrument :

MSVOA_X

ClientSampleId :

VX1226MBSD01

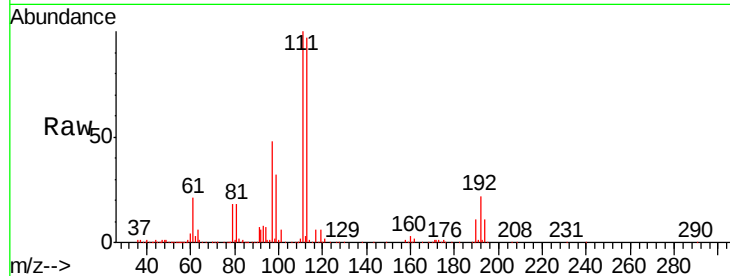
Tgt Ion:113 Resp: 267280

Ion Ratio Lower Upper

113 100

111 101.0 81.6 122.4

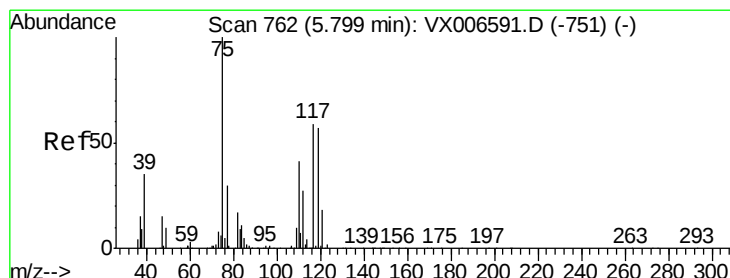
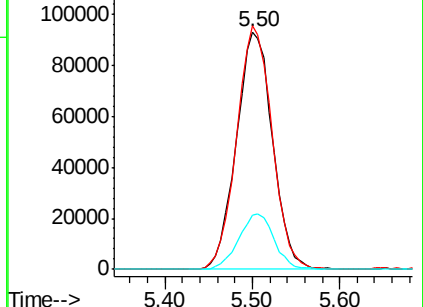
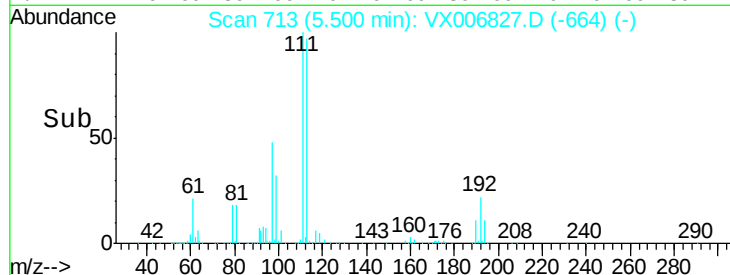
192 23.0 16.7 25.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 17.913 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX006827.D

Acq: 26 Dec 2018 19:08

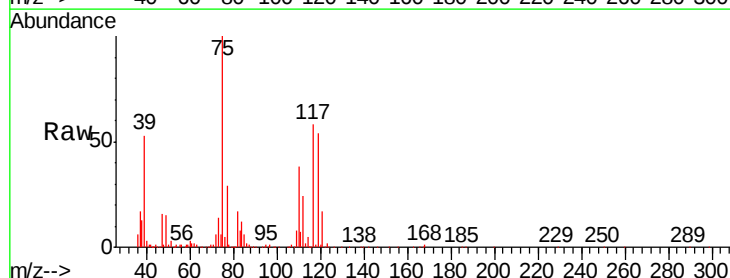
Tgt Ion: 75 Resp: 126159

Ion Ratio Lower Upper

75 100

110 40.0 20.2 60.5

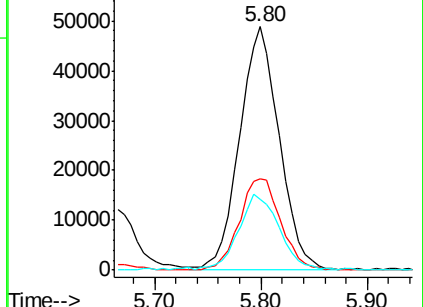
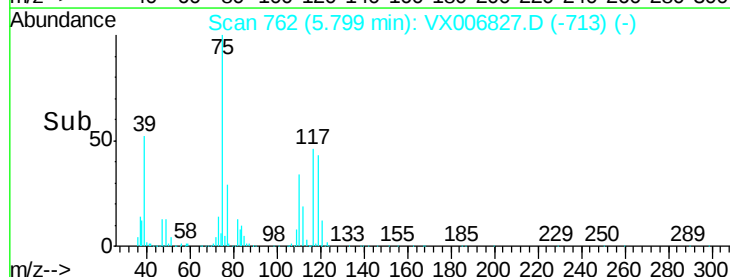
77 31.5 24.8 37.2

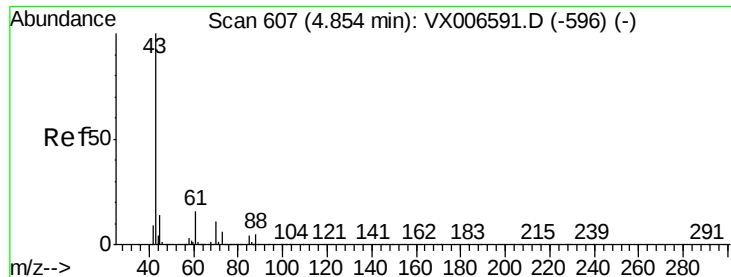


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

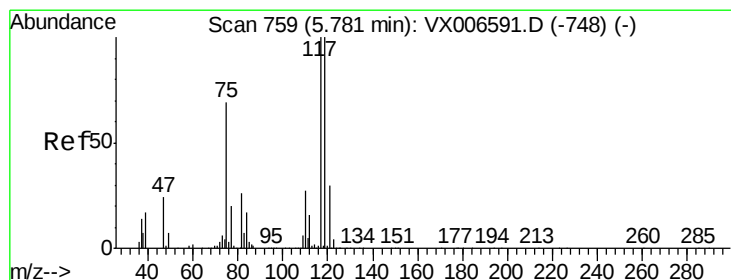
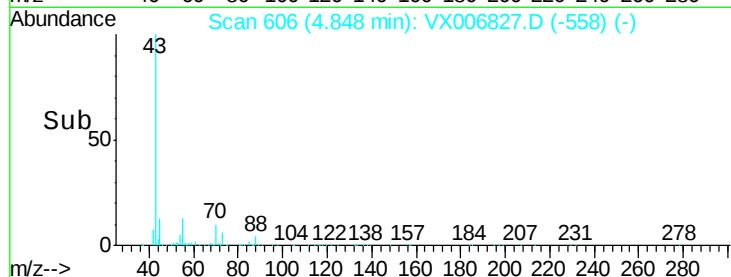
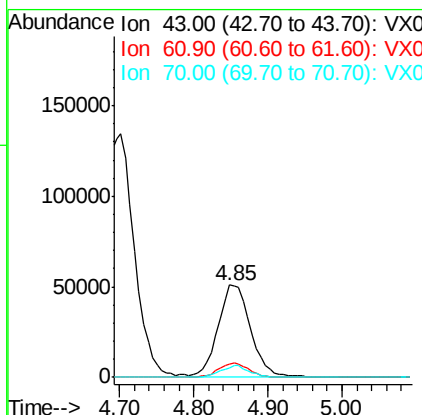
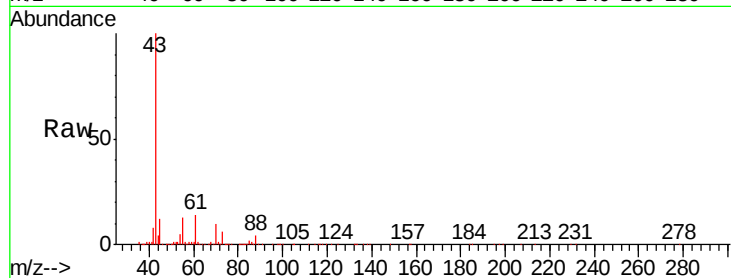




#37
Ethyl Acetate
Concen: 20.792 ug/l
RT: 4.85 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX006827.D
Acq: 26 Dec 2018 19:08

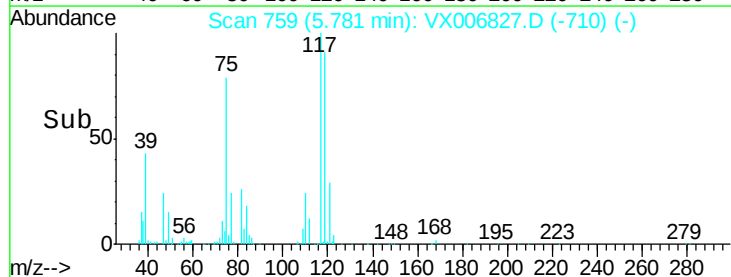
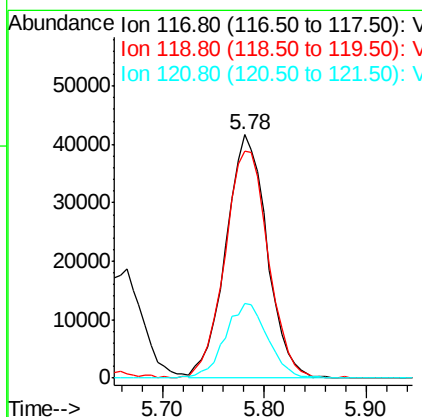
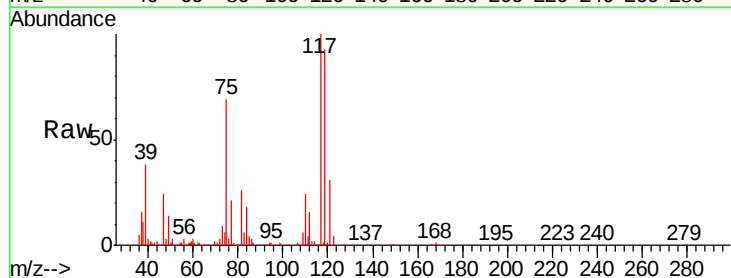
Instrument :
MSVOA_X
ClientSampleId :
VX1226MBS01

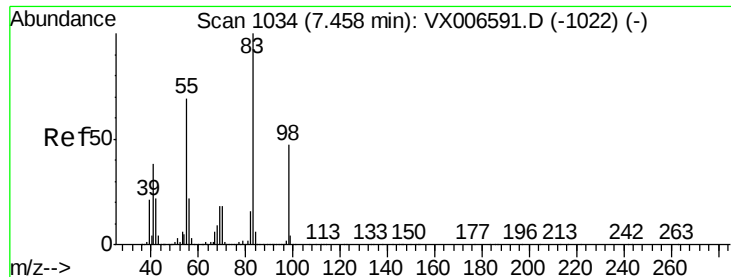
Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.6	11.9	17.9
70	11.1	9.7	14.5



#38
Carbon Tetrachloride
Concen: 16.988 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX006827.D
Acq: 26 Dec 2018 19:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.4	79.4	119.2
121	30.5	24.0	36.0

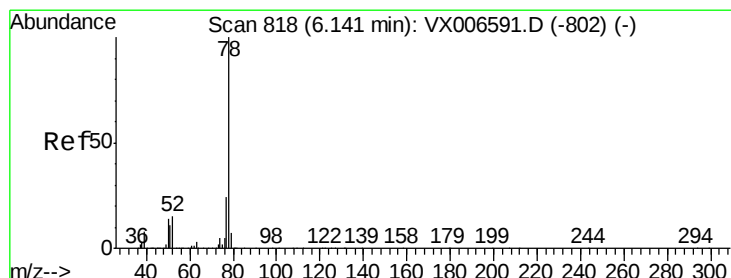
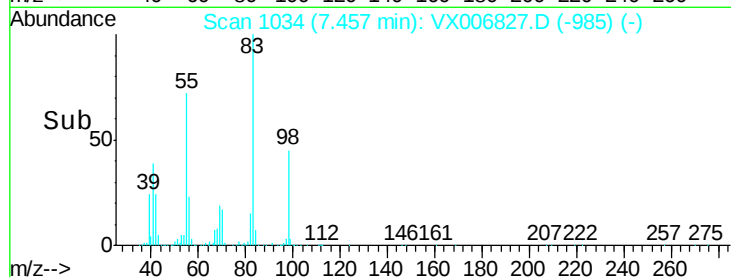
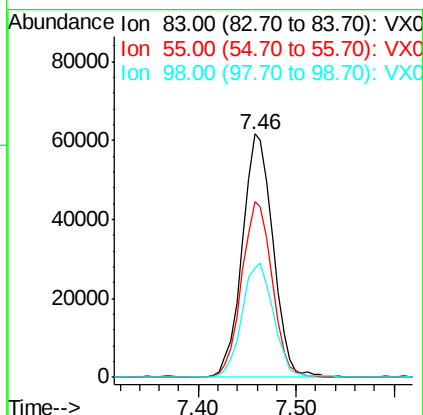
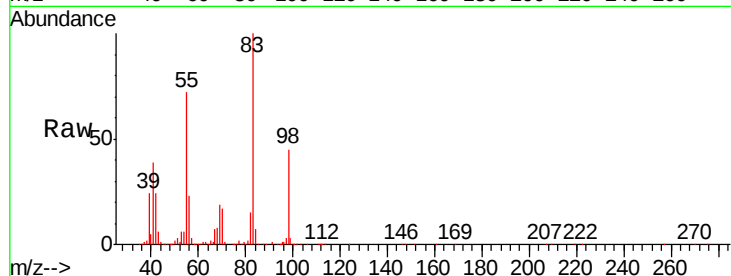




#39
Methylcyclohexane
Concen: 14.556 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX006827.D
Acq: 26 Dec 2018 19:08

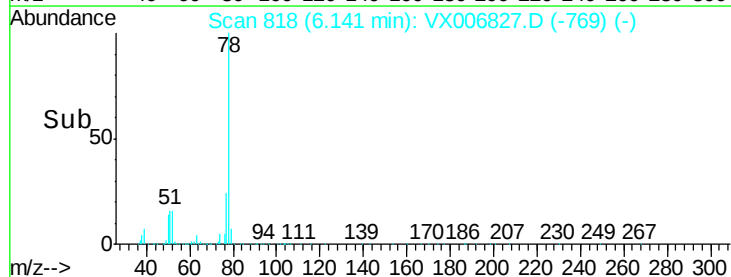
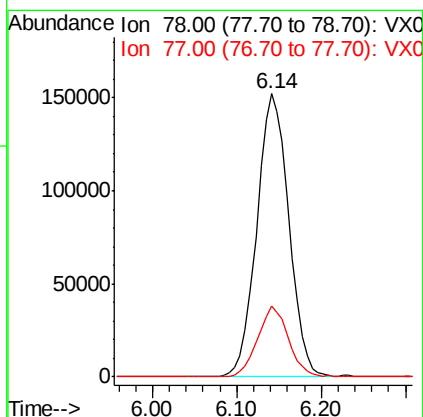
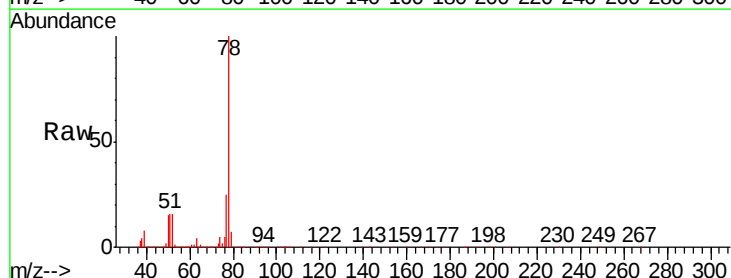
Instrument :
MSVOA_X
ClientSampleId :
VX1226MBSD01

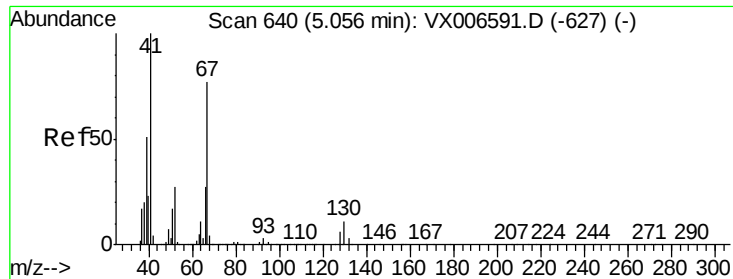
Tgt Ion	Ratio	Lower	Upper
83	100		
55	71.8	54.9	82.3
98	44.8	37.9	56.9



#40
Benzene
Concen: 18.536 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX006827.D
Acq: 26 Dec 2018 19:08

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.1	19.2	28.8





#41

Methacrylonitrile

Concen: 21.627 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.00 min

Lab File: VX006827.D

Acq: 26 Dec 2018 19:08

Instrument :

MSVOA_X

ClientSampleId :

VX1226MBSD01

Tgt Ion: 41 Resp: 84169

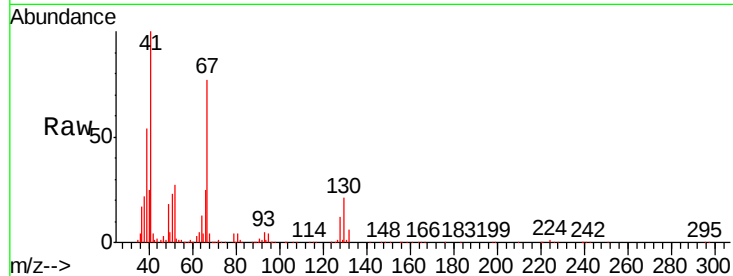
Ion Ratio Lower Upper

41 100

39 57.4 42.8 64.2

67 74.5 62.1 93.1

52 29.6 23.4 35.0

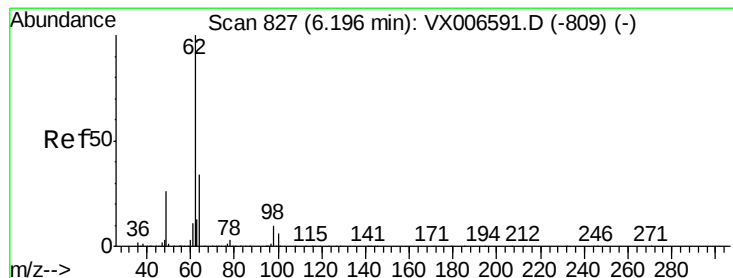
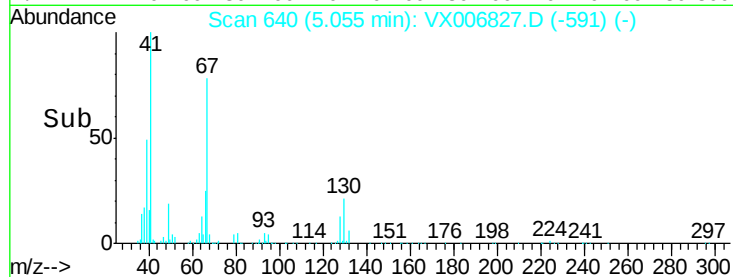
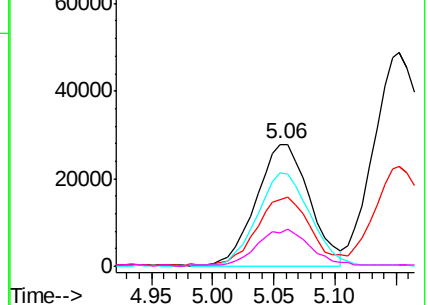


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 19.478 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX006827.D

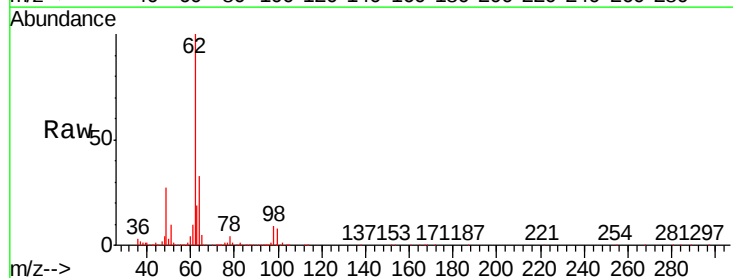
Acq: 26 Dec 2018 19:08

Tgt Ion: 62 Resp: 142091

Ion Ratio Lower Upper

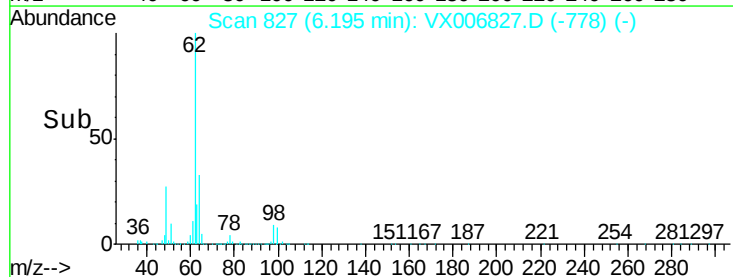
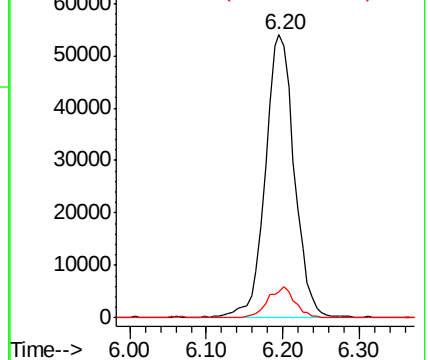
62 100

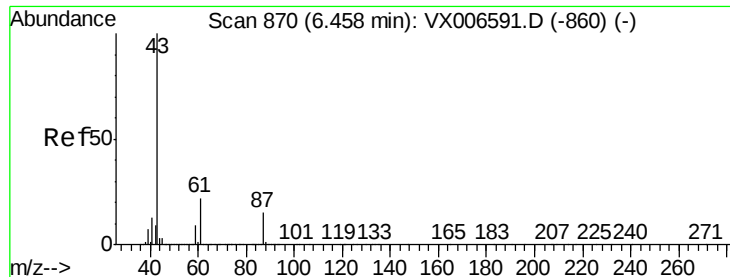
98 10.2 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 21.634 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX006827.D

Acq: 26 Dec 2018 19:08

Instrument :

MSVOA_X

ClientSampleId :

VX1226MBSD01

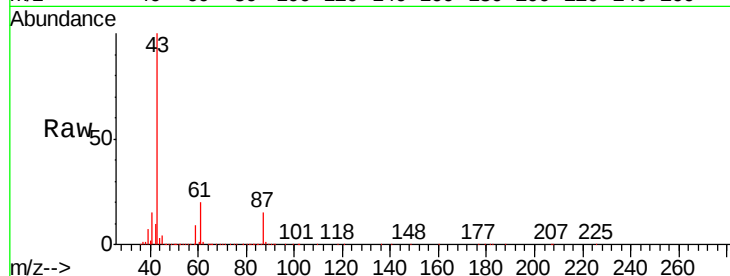
Tgt Ion: 43 Resp: 241296

Ion Ratio Lower Upper

43 100

61 20.1 16.8 25.2

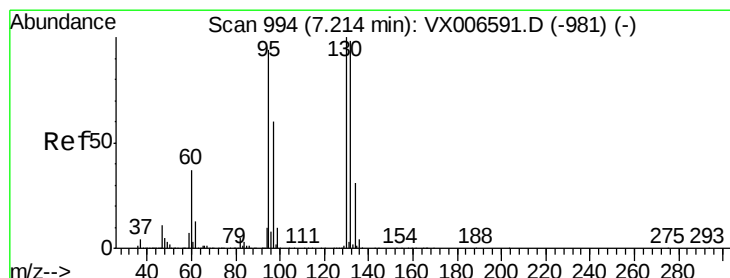
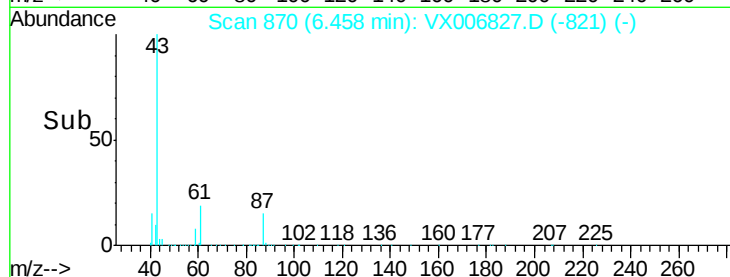
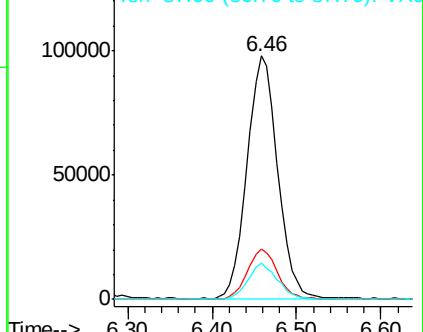
87 14.6 12.4 18.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 17.772 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX006827.D

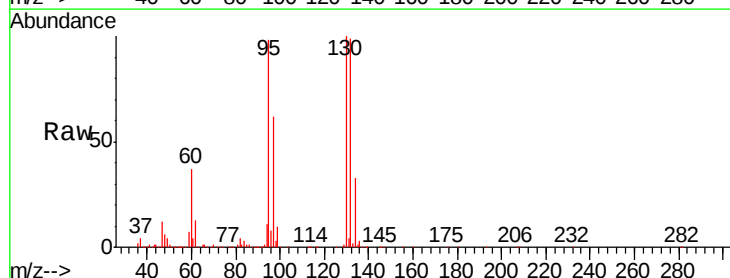
Acq: 26 Dec 2018 19:08

Tgt Ion: 130 Resp: 115156

Ion Ratio Lower Upper

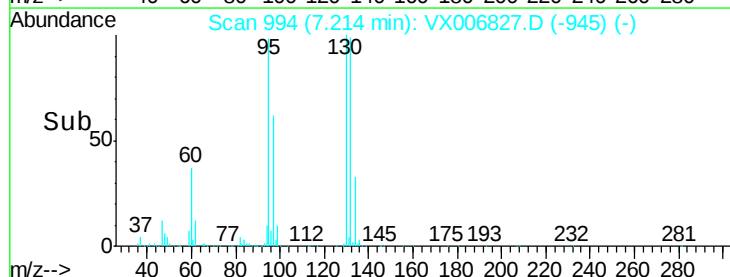
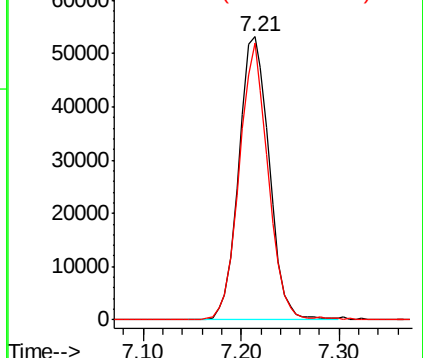
130 100

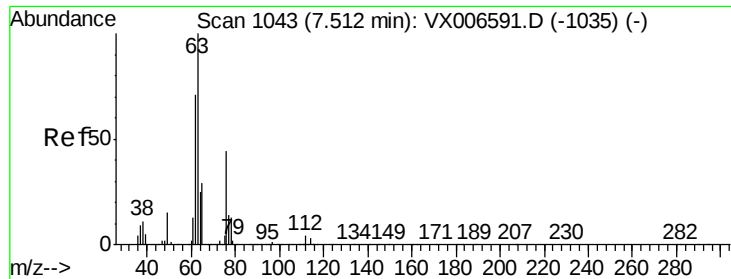
95 97.8 0.0 187.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

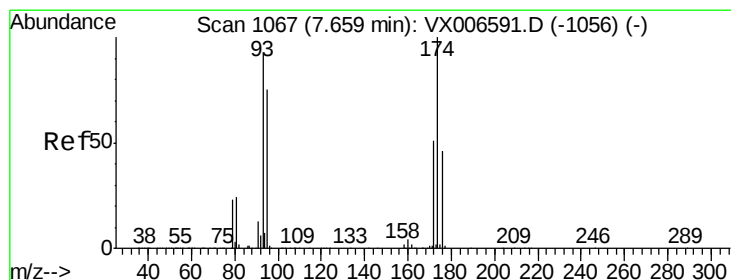
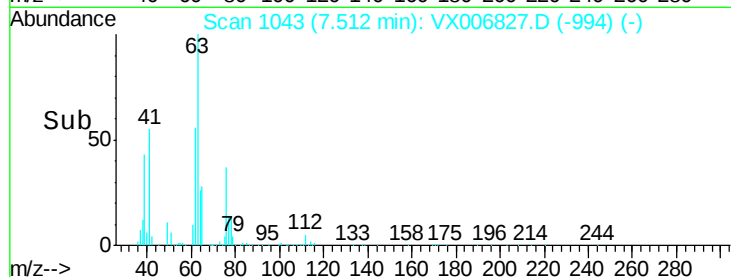
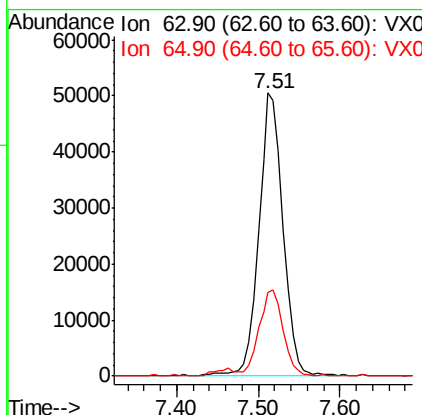
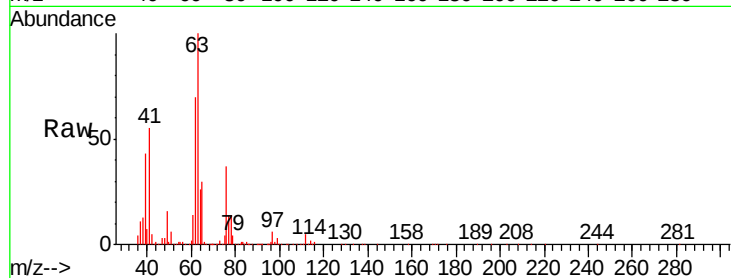




#45
 1,2-Dichloropropane
 Concen: 20.062 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX006827.D
 Acq: 26 Dec 2018 19:08

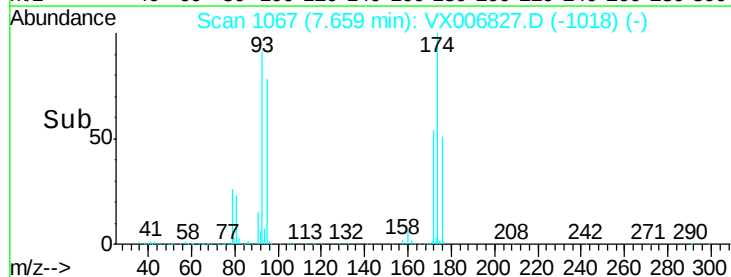
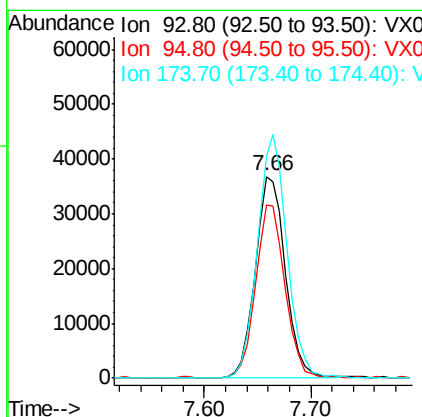
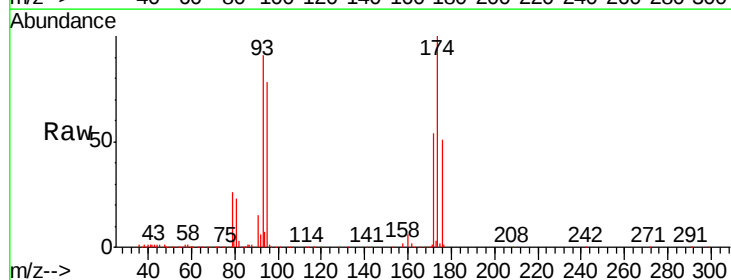
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1226MBSD01

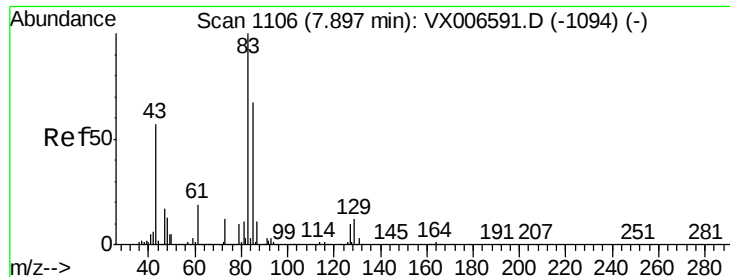
Tgt Ion: 63 Resp: 104518
 Ion Ratio Lower Upper
 63 100
 65 29.2 25.4 38.0



#46
 Dibromomethane
 Concen: 19.038 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX006827.D
 Acq: 26 Dec 2018 19:08

Tgt Ion: 93 Resp: 72956
 Ion Ratio Lower Upper
 93 100
 95 84.4 66.2 99.4
 174 118.3 91.0 136.4





#47

Bromodichloromethane

Concen: 18.400 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX006827.D

Acq: 26 Dec 2018 19:08

Instrument :

MSVOA_X

ClientSampleId :

VX1226MBSD01

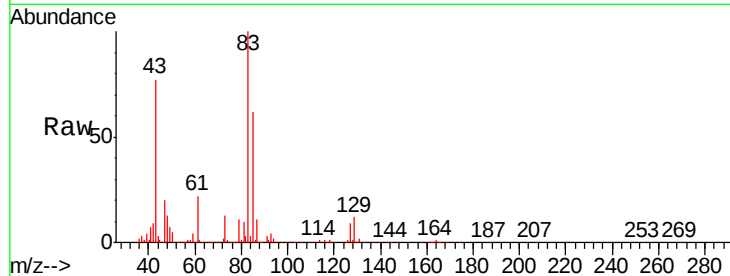
Tgt Ion: 83 Resp: 117065

Ion Ratio Lower Upper

83 100

85 61.6 53.2 79.8

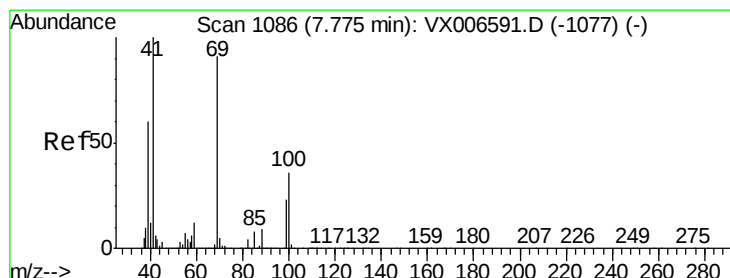
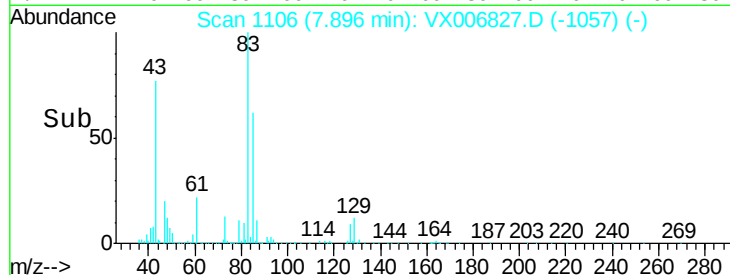
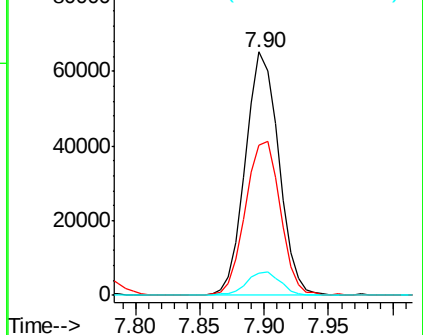
127 9.1 7.8 11.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 21.684 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX006827.D

Acq: 26 Dec 2018 19:08

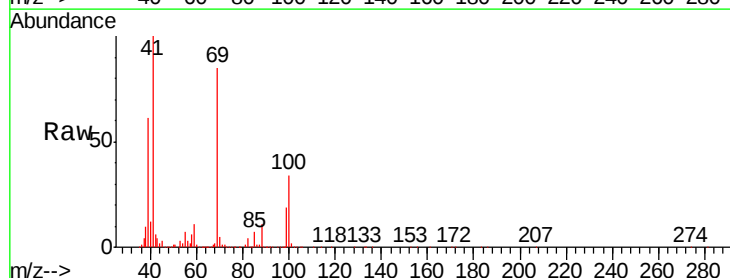
Tgt Ion: 41 Resp: 122991

Ion Ratio Lower Upper

41 100

69 87.0 72.4 108.6

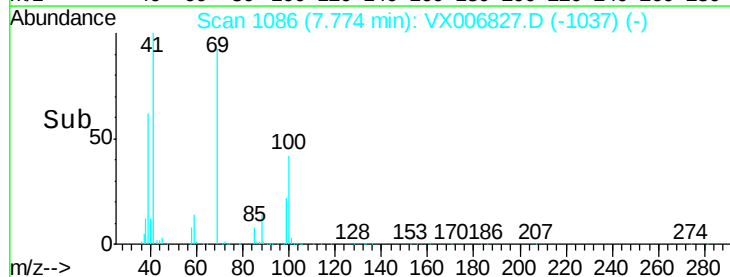
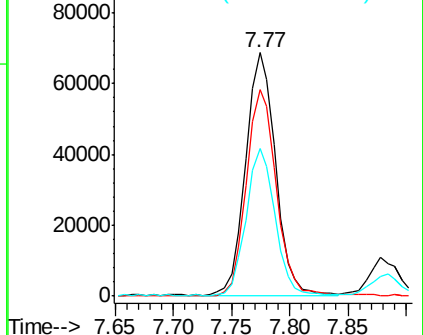
39 58.9 45.8 68.8

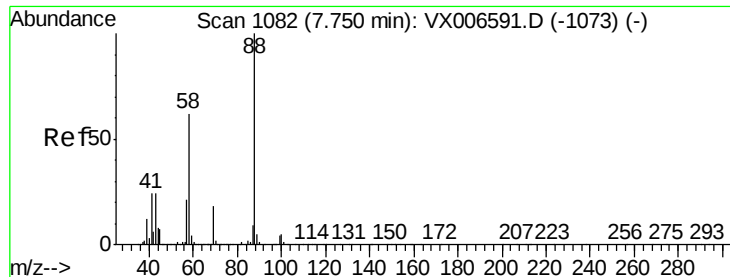


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 346.147 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. 0.01 min

Lab File: VX006827.D

Acq: 26 Dec 2018 19:08

Instrument :

MSVOA_X

ClientSampleId :

VX1226MBSD01

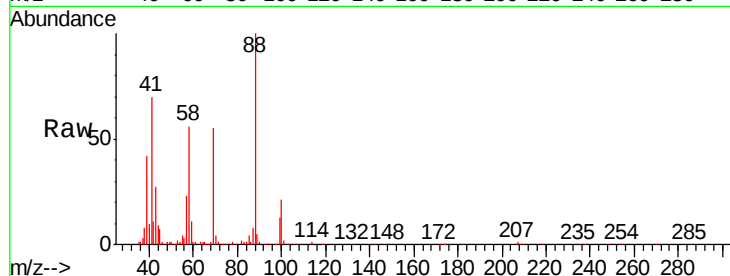
Tgt Ion: 88 Resp: 53299

Ion Ratio Lower Upper

88 100

43 28.0 22.2 33.4

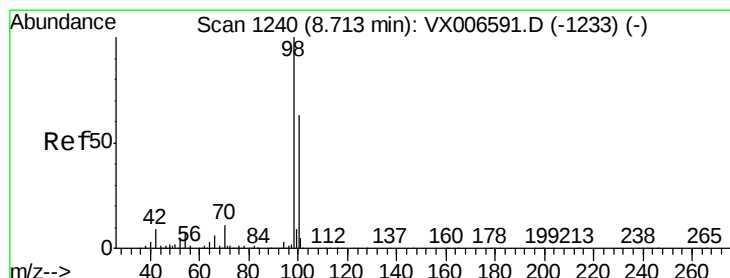
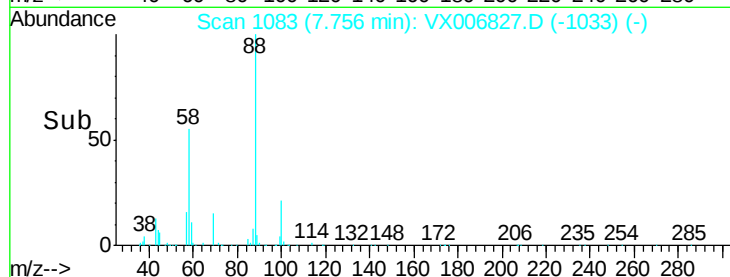
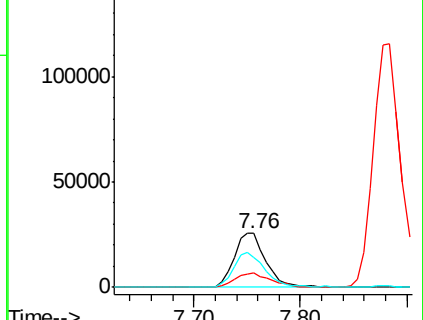
58 62.7 51.0 76.4



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: 47.417 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006827.D

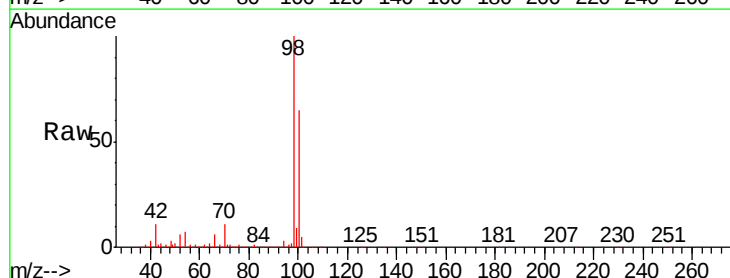
Acq: 26 Dec 2018 19:08

Tgt Ion: 98 Resp: 961331

Ion Ratio Lower Upper

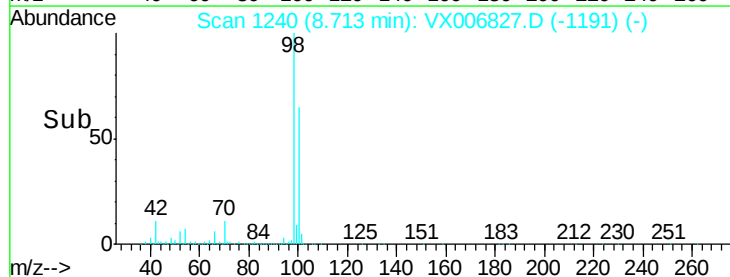
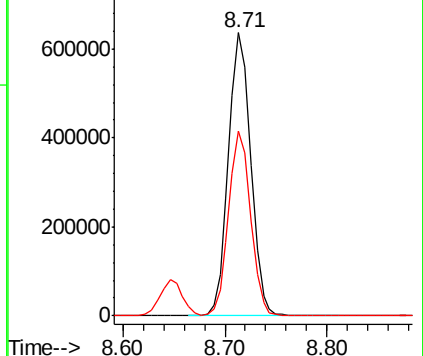
98 100

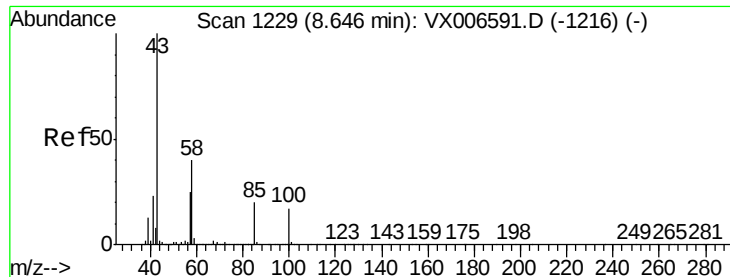
100 64.5 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

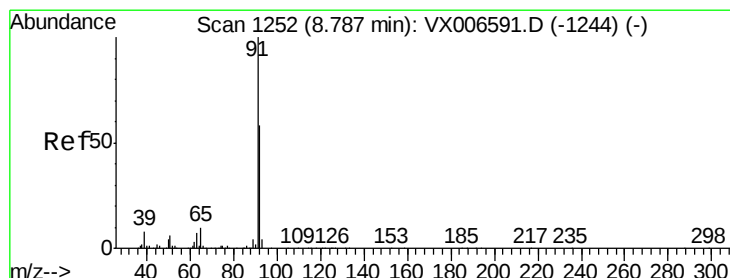
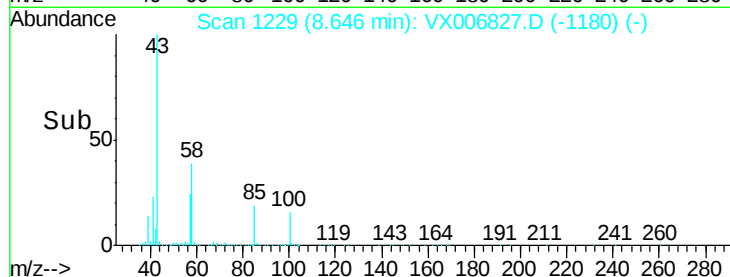
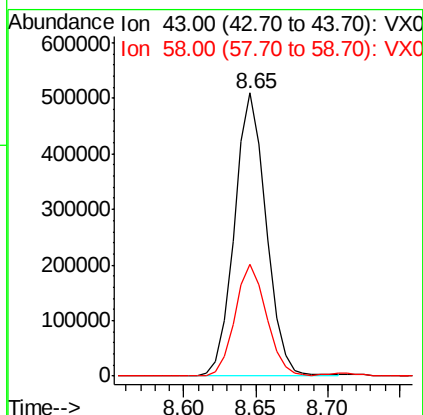
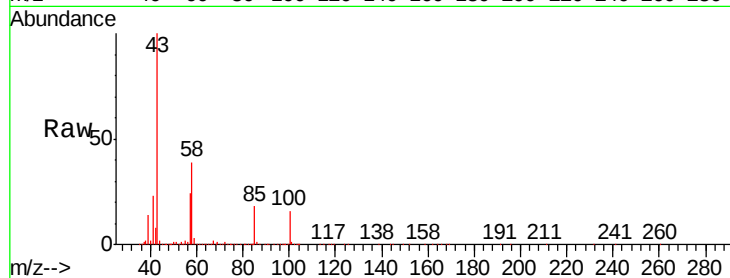




#51
 4-Methyl-2-Pentanone
 Concen: 110.135 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: VX006827.D
 Acq: 26 Dec 2018 19:08

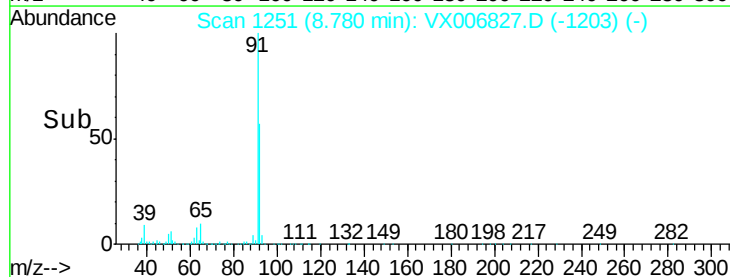
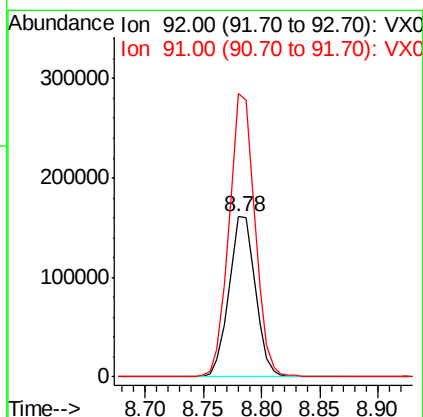
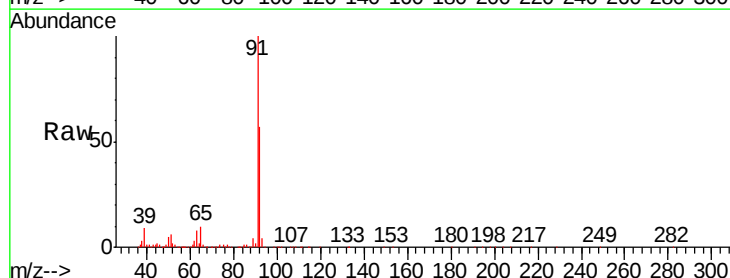
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1226MBSD01

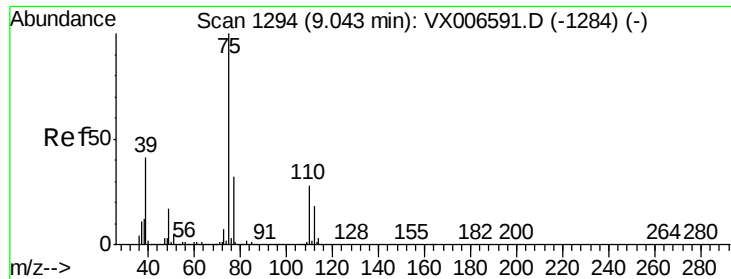
Tgt Ion: 43 Resp: 781606
 Ion Ratio Lower Upper
 43 100
 58 39.2 31.8 47.6



#52
 Toluene
 Concen: 18.588 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: VX006827.D
 Acq: 26 Dec 2018 19:08

Tgt Ion: 92 Resp: 257083
 Ion Ratio Lower Upper
 92 100
 91 172.7 137.6 206.4

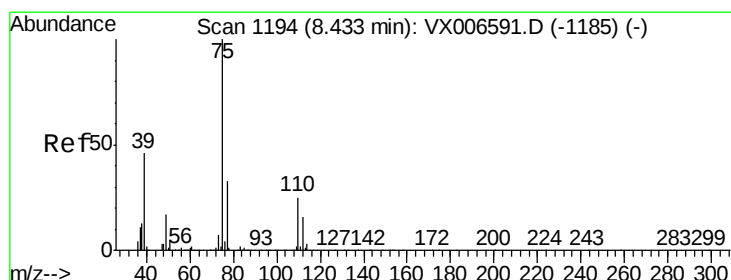
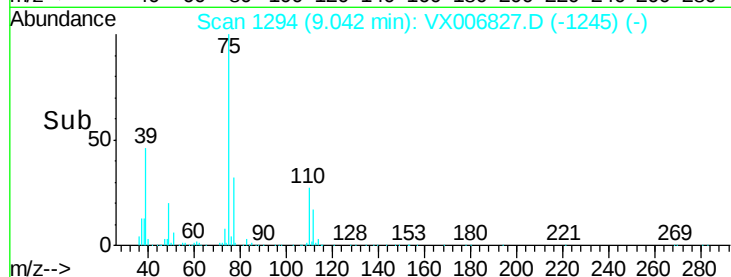
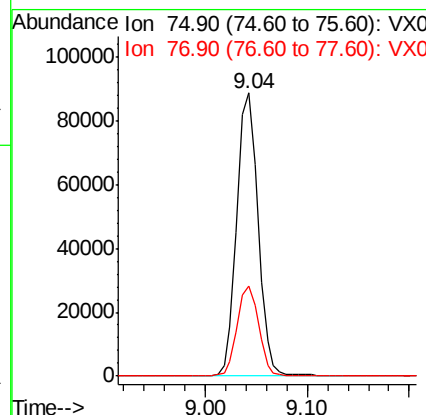
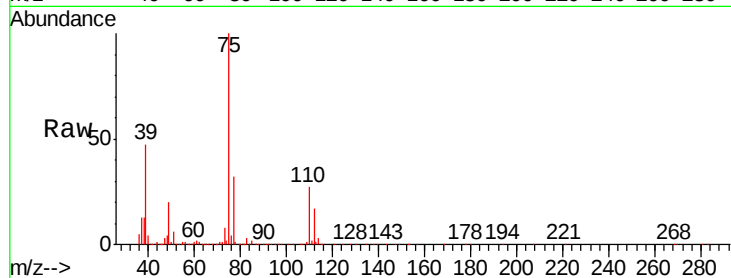




#53
t-1,3-Dichloropropene
Concen: 18.801 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX006827.D
Acq: 26 Dec 2018 19:08

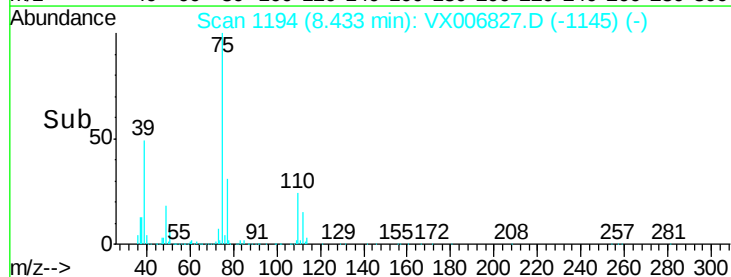
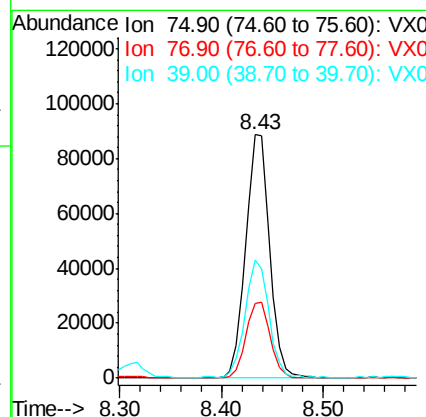
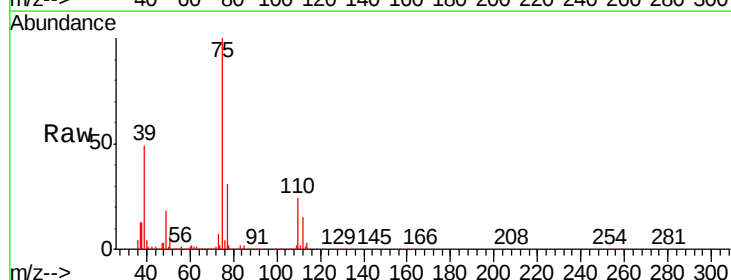
Instrument :
MSVOA_X
ClientSampleId :
VX1226MBSD01

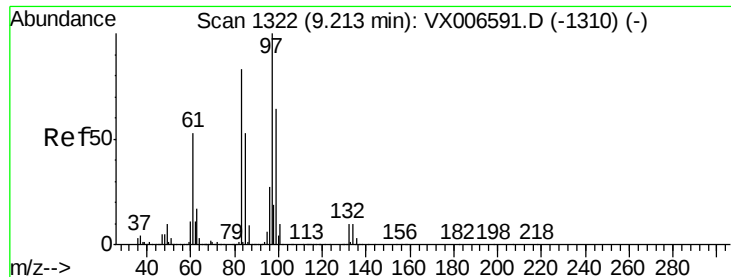
Tgt Ion: 75 Resp: 128281
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 19.268 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX006827.D
Acq: 26 Dec 2018 19:08

Tgt Ion: 75 Resp: 144254
Ion Ratio Lower Upper
75 100
77 30.7 26.2 39.2
39 48.4 36.7 55.1





#55

1,1,2-Trichloroethane

Concen: 19.950 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX006827.D

Acq: 26 Dec 2018 19:08

Instrument :

MSVOA_X

ClientSampleId :

VX1226MBSD01

Tgt Ion: 97 Resp: 112940

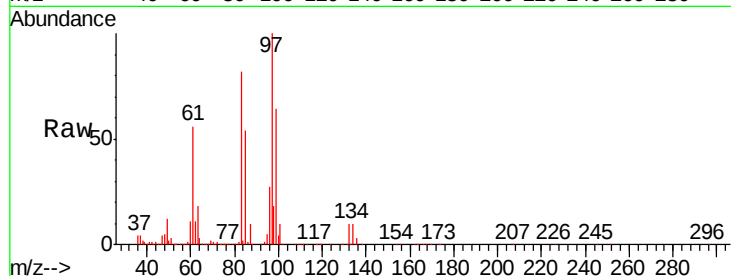
Ion Ratio Lower Upper

97 100

83 81.8 66.6 99.8

85 53.7 42.7 64.1

99 63.9 50.8 76.2

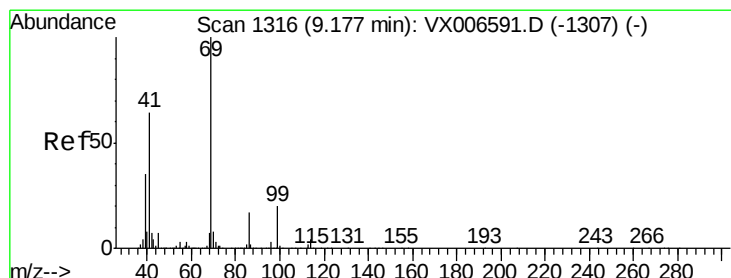
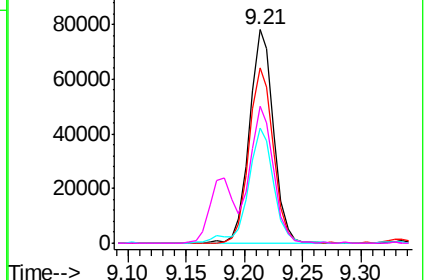
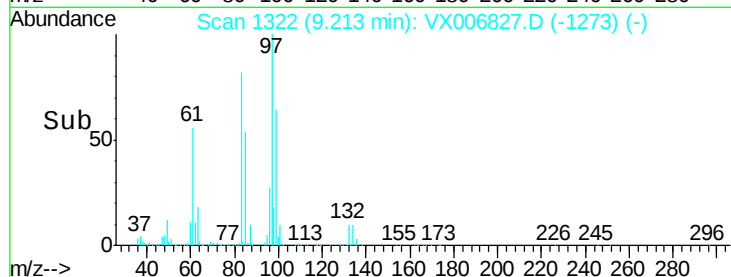


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 21.039 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX006827.D

Acq: 26 Dec 2018 19:08

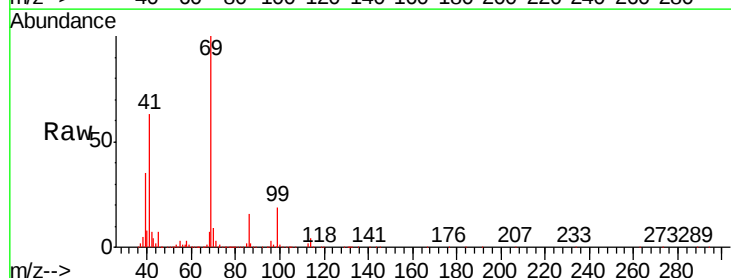
Tgt Ion: 69 Resp: 168341

Ion Ratio Lower Upper

69 100

41 64.2 48.7 73.1

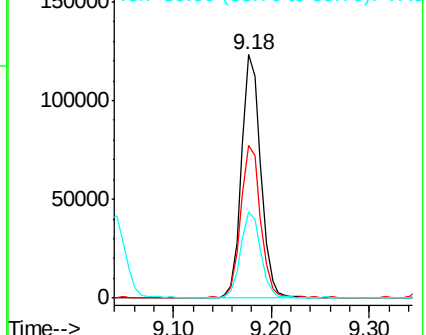
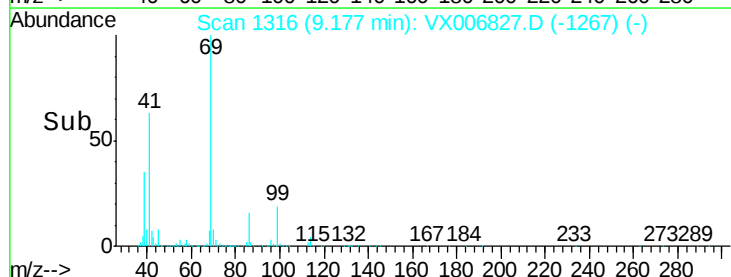
39 36.8 27.0 40.6

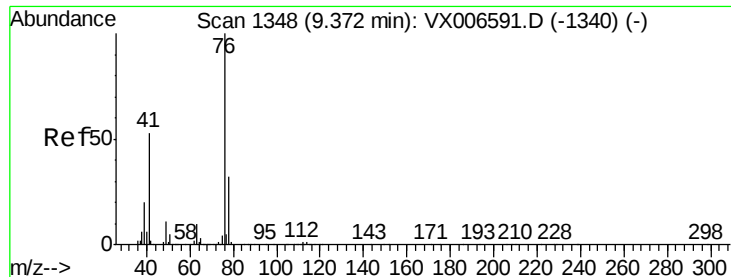


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 20.160 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX006827.D

Acq: 26 Dec 2018 19:08

Instrument :

MSVOA_X

ClientSampleId :

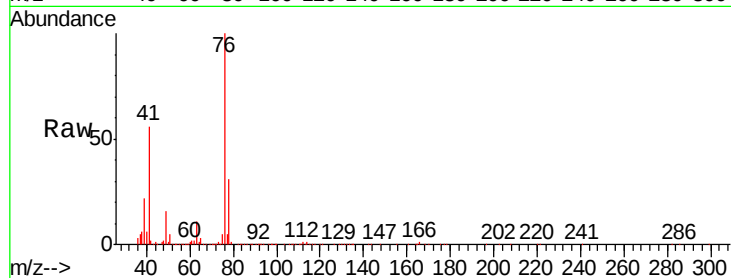
VX1226MBSD01

Tgt Ion: 76 Resp: 183626

Ion Ratio Lower Upper

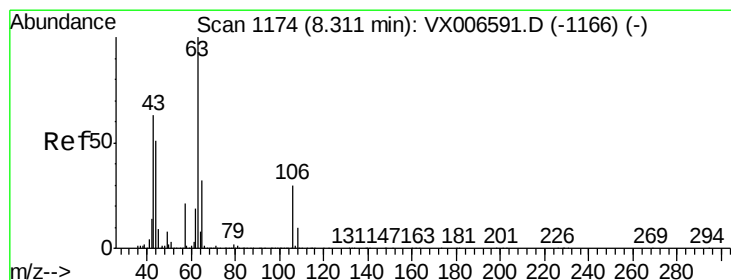
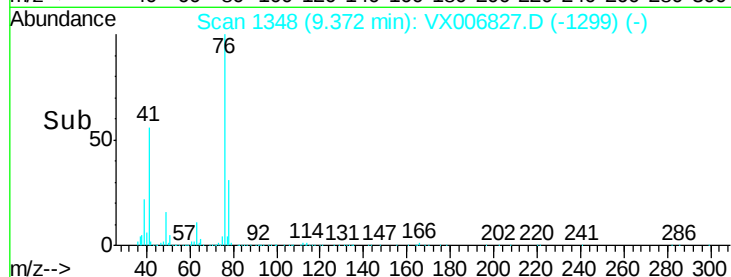
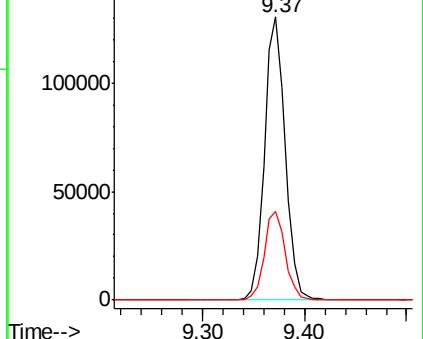
76 100

78 32.0 26.0 39.0



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: 103.975 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX006827.D

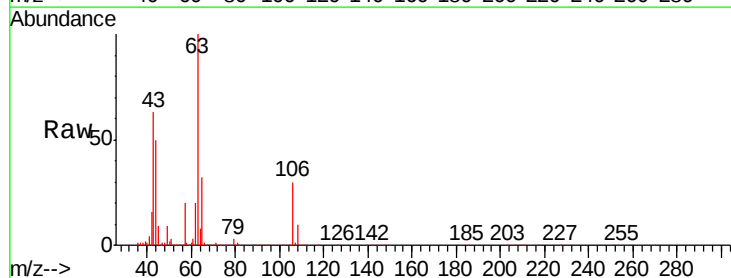
Acq: 26 Dec 2018 19:08

Tgt Ion: 63 Resp: 442236

Ion Ratio Lower Upper

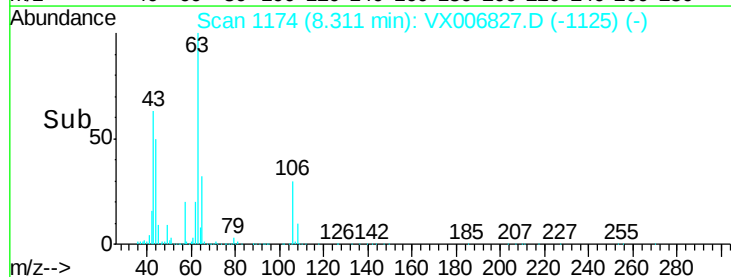
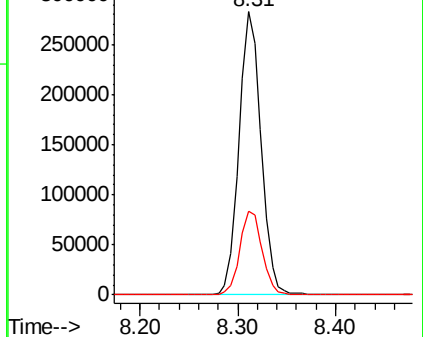
63 100

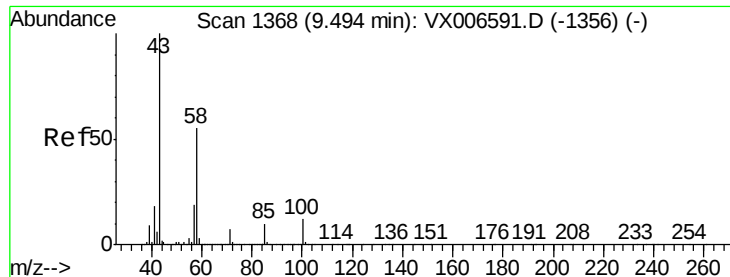
106 30.0 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

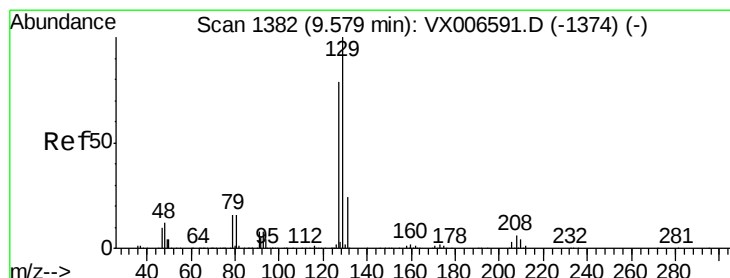
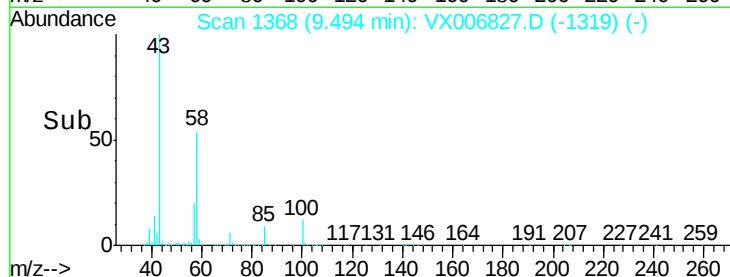
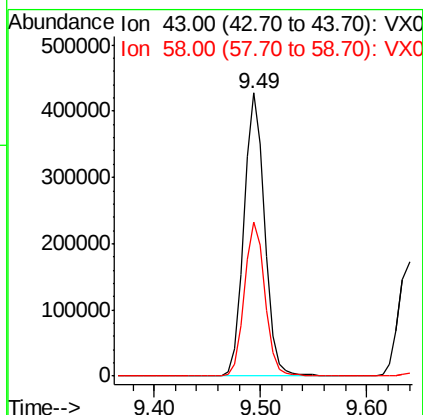
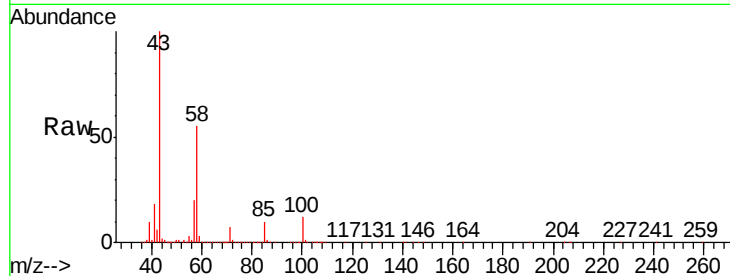




#59
2-Hexanone
Concen: 107.017 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX006827.D
Acq: 26 Dec 2018 19:08

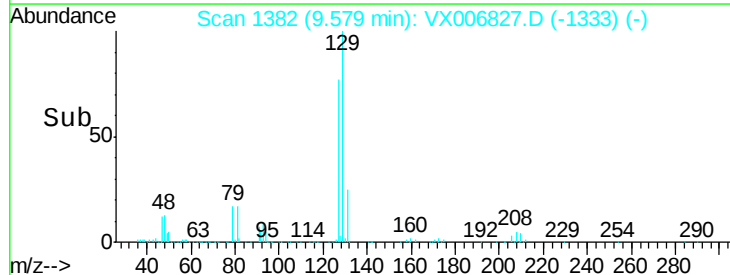
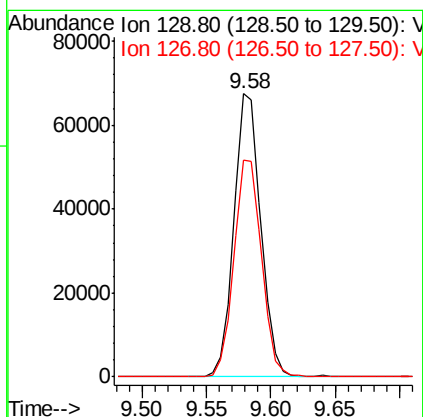
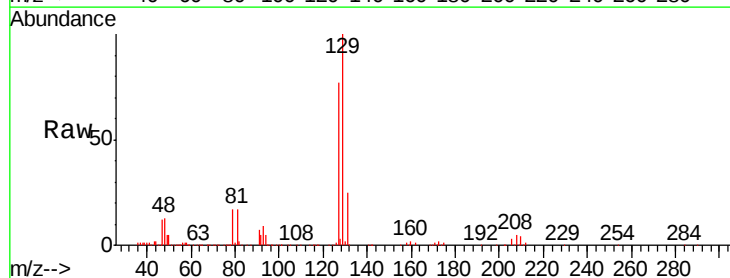
Instrument :
MSVOA_X
ClientSampleId :
VX1226MBSD01

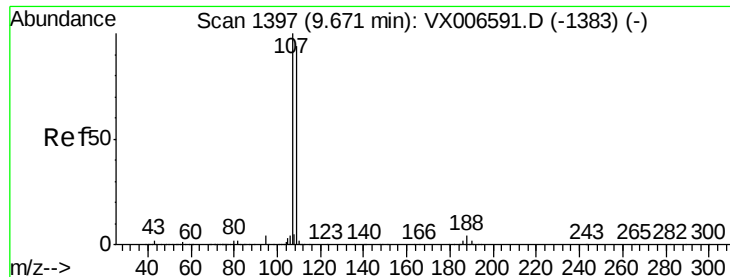
Tgt Ion: 43 Resp: 581090
Ion Ratio Lower Upper
43 100
58 54.1 27.7 83.1



#60
Dibromochloromethane
Concen: 18.174 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX006827.D
Acq: 26 Dec 2018 19:08

Tgt Ion: 129 Resp: 98422
Ion Ratio Lower Upper
129 100
127 78.4 39.3 117.8





#61

1,2-Dibromoethane

Concen: 19.577 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX006827.D

Acq: 26 Dec 2018 19:08

Instrument :

MSVOA_X

ClientSampleId :

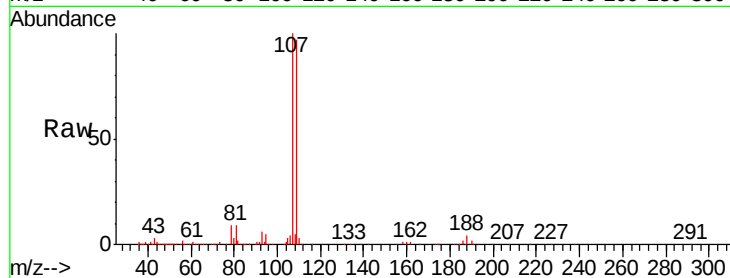
VX1226MBSD01

Tgt Ion: 107 Resp: 117814

Ion Ratio Lower Upper

107 100

109 97.5 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

80000

60000

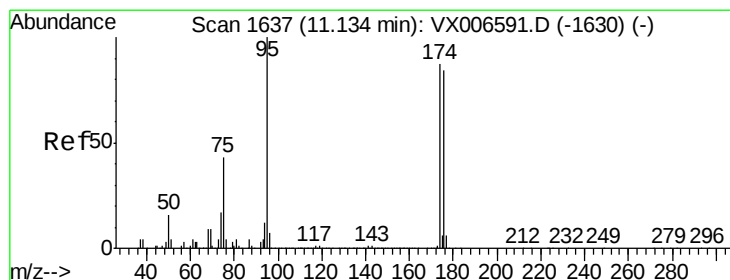
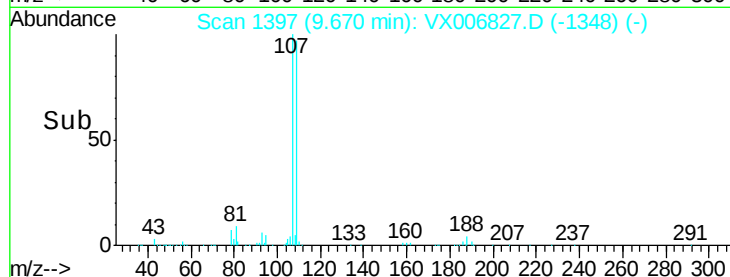
40000

20000

0

Time-->

9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 46.421 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006827.D

Acq: 26 Dec 2018 19:08

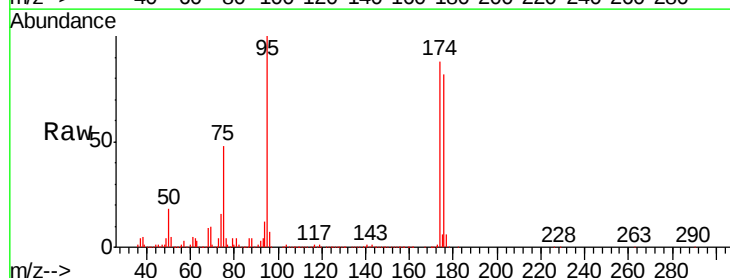
Tgt Ion: 95 Resp: 344678

Ion Ratio Lower Upper

95 100

174 94.2 0.0 182.2

176 89.5 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

300000

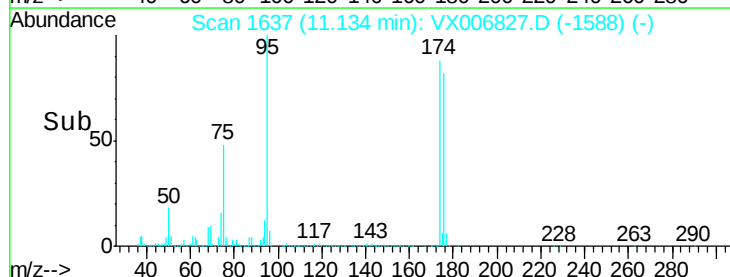
200000

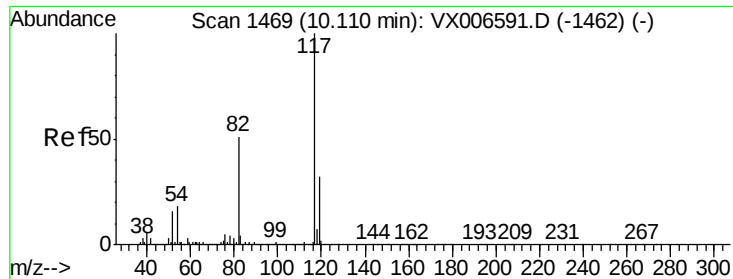
100000

0

Time-->

11.10 11.20

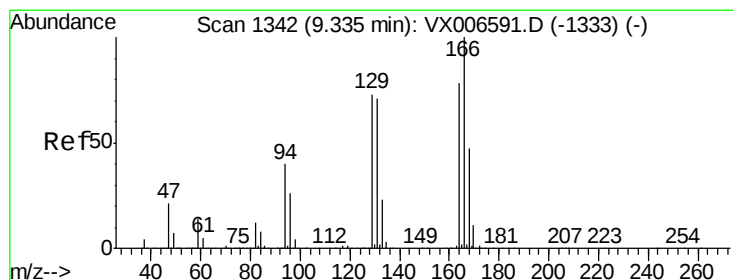
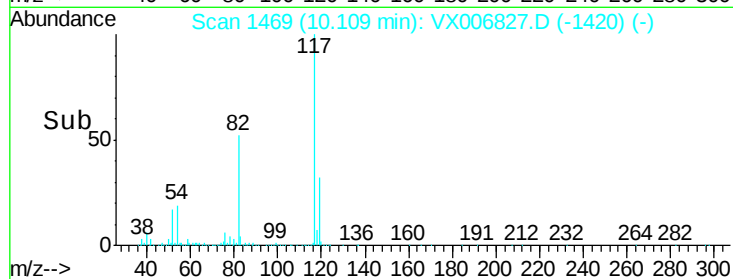
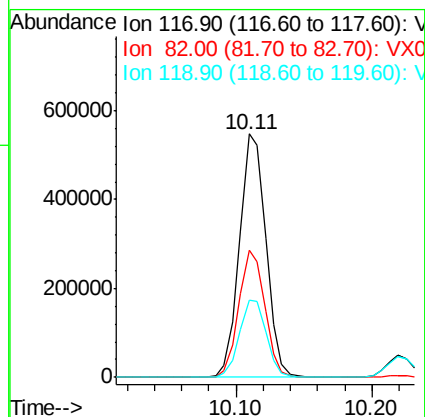
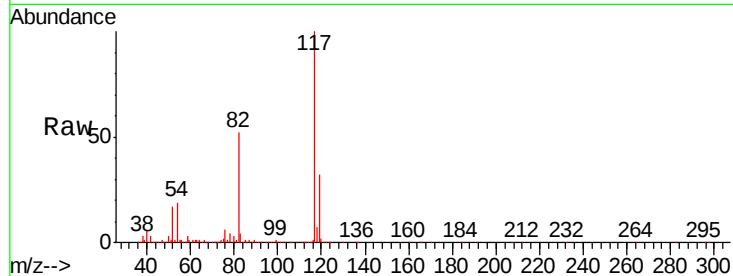




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX006827.D
Acq: 26 Dec 2018 19:08

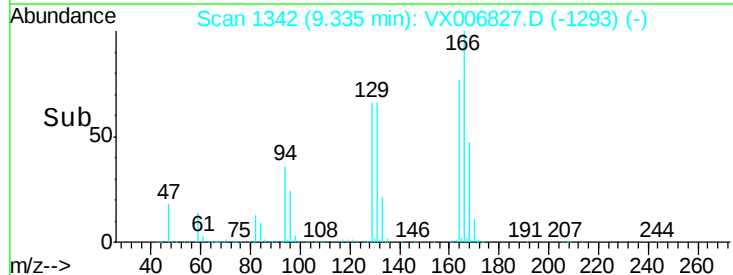
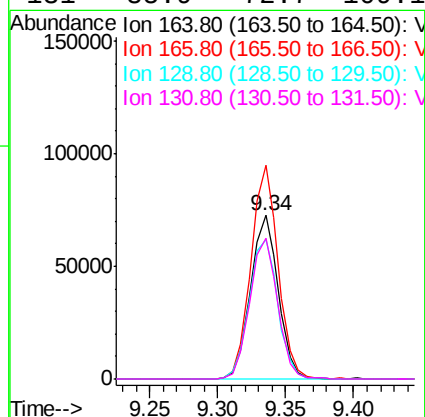
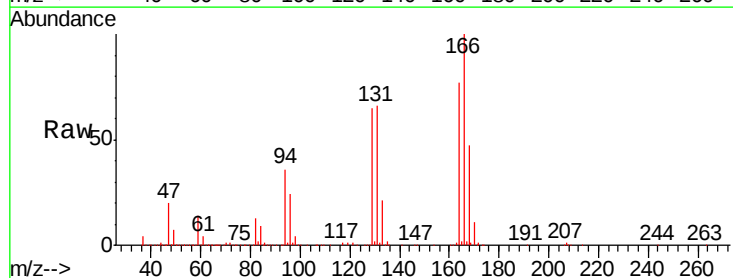
Instrument :
MSVOA_X
ClientSampleId :
VX1226MBSD01

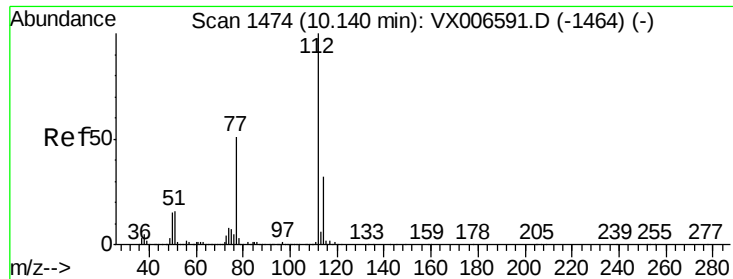
Tgt Ion:117 Resp: 742425
Ion Ratio Lower Upper
117 100
82 51.9 41.0 61.6
119 31.6 25.4 38.0



#64
Tetrachloroethene
Concen: 17.755 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006827.D
Acq: 26 Dec 2018 19:08

Tgt Ion:164 Resp: 104377
Ion Ratio Lower Upper
164 100
166 130.6 102.5 153.7
129 85.6 75.1 112.7
131 85.9 72.7 109.1

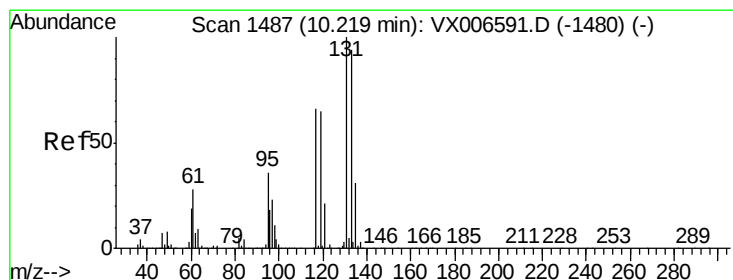
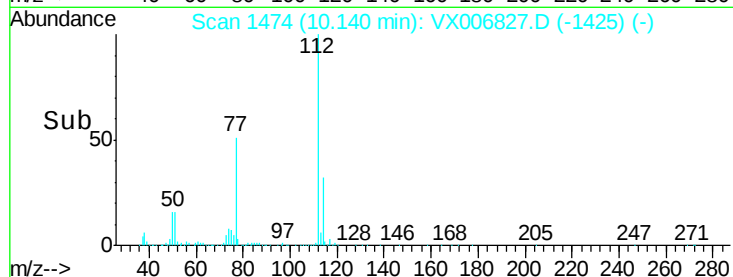
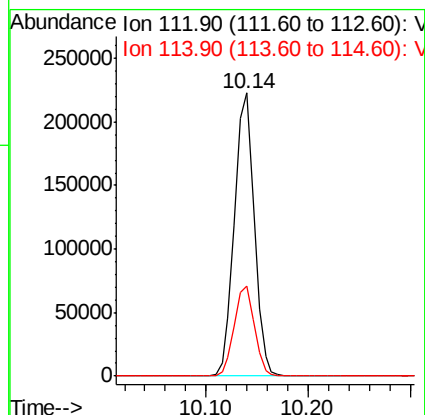
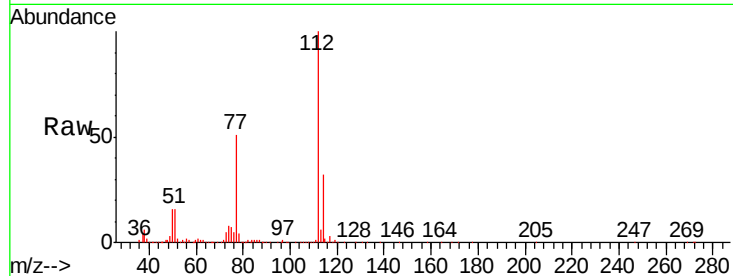




#65
Chlorobenzene
Concen: 19.040 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX006827.D
Acq: 26 Dec 2018 19:08

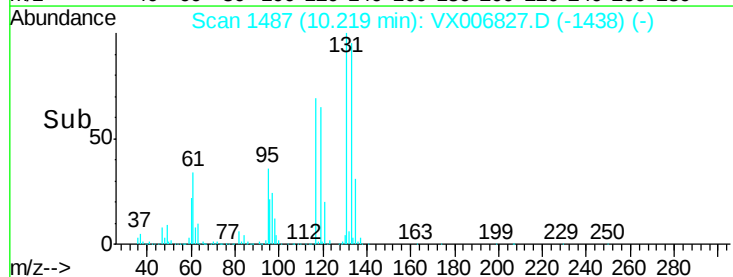
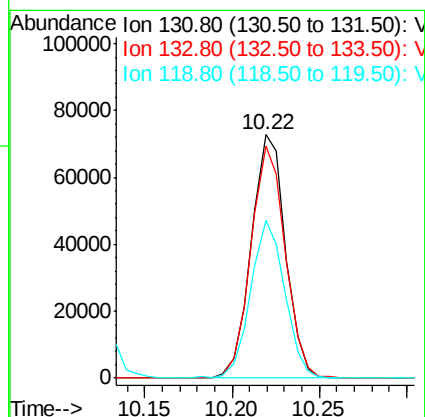
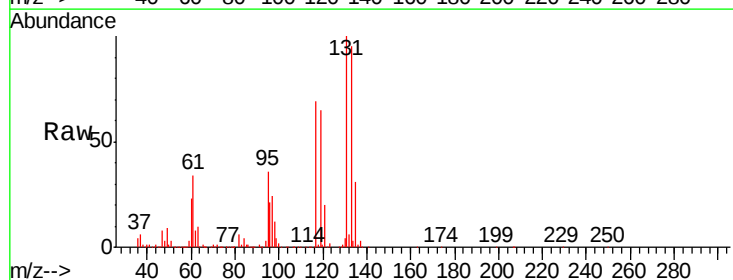
Instrument :
MSVOA_X
ClientSampleId :
VX1226MBSD01

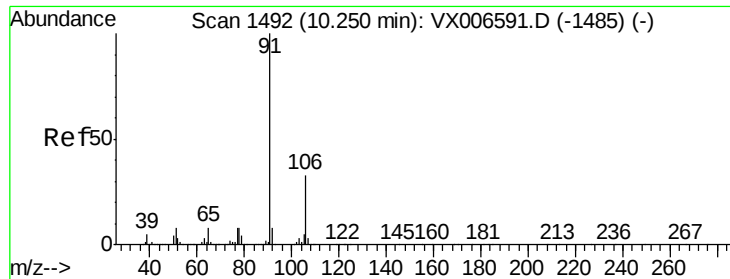
Tgt Ion:112 Resp: 299049
Ion Ratio Lower Upper
112 100
114 31.8 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 20.146 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX006827.D
Acq: 26 Dec 2018 19:08

Tgt Ion:131 Resp: 98723
Ion Ratio Lower Upper
131 100
133 96.4 48.0 144.2
119 64.8 32.6 97.8





#67

Ethyl Benzene

Concen: 18.063 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX006827.D

Acq: 26 Dec 2018 19:08

Instrument :

MSVOA_X

ClientSampleId :

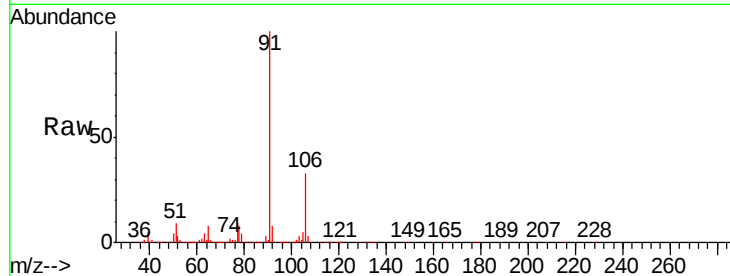
VX1226MBSD01

Tgt Ion: 91 Resp: 463612

Ion Ratio Lower Upper

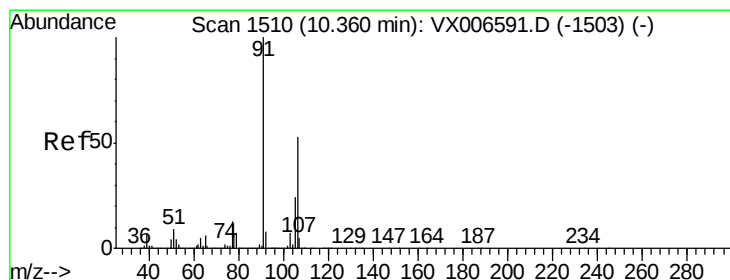
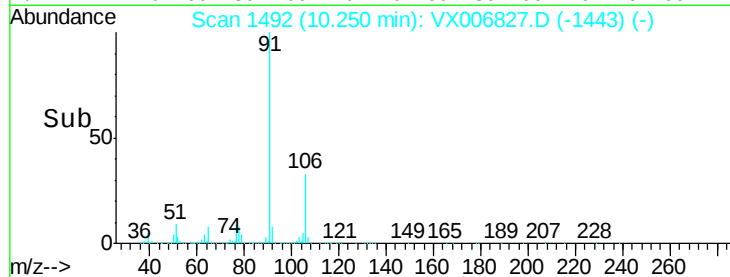
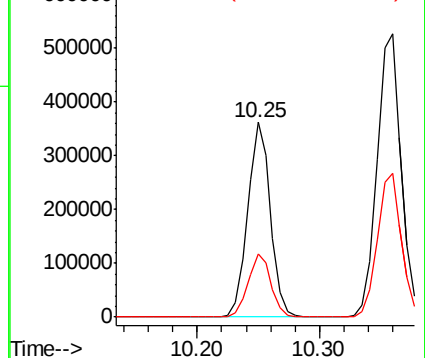
91 100

106 32.7 26.4 39.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 35.941 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX006827.D

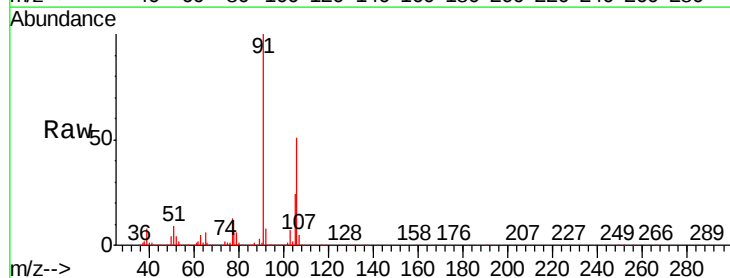
Acq: 26 Dec 2018 19:08

Tgt Ion: 106 Resp: 363994

Ion Ratio Lower Upper

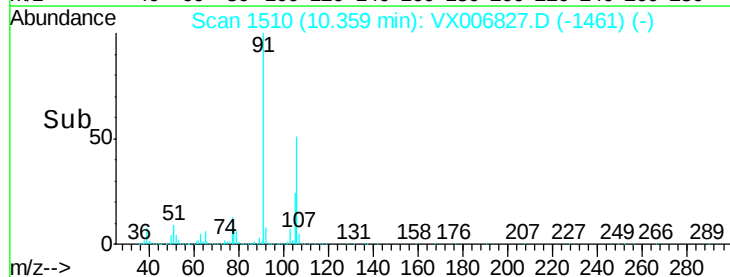
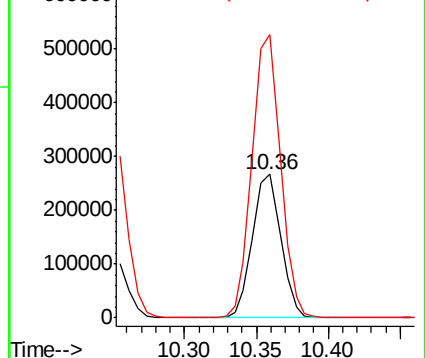
106 100

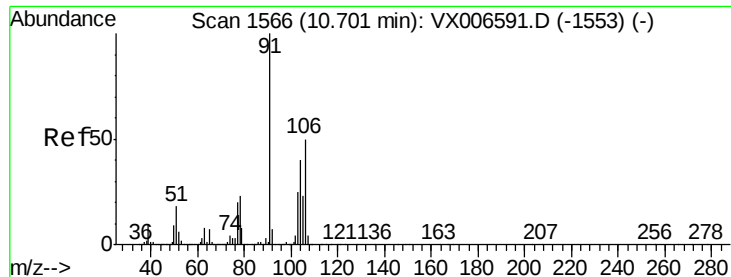
91 197.8 155.8 233.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

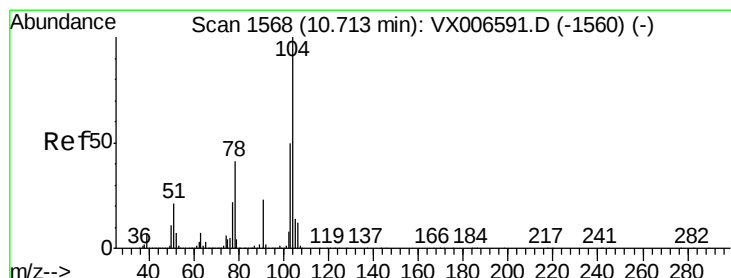
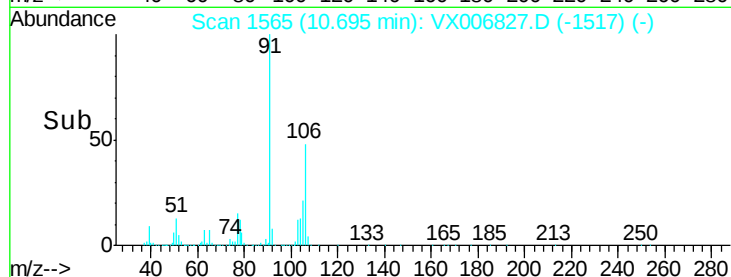
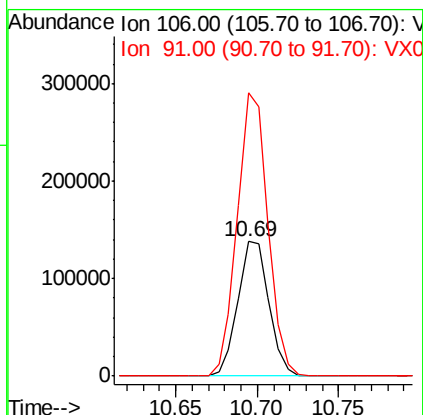
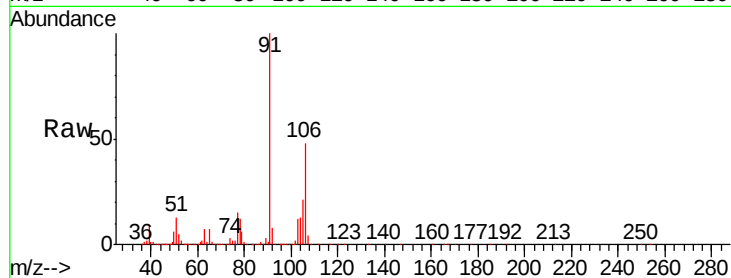




#69
o-Xylene
Concen: 18.429 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX006827.D
Acq: 26 Dec 2018 19:08

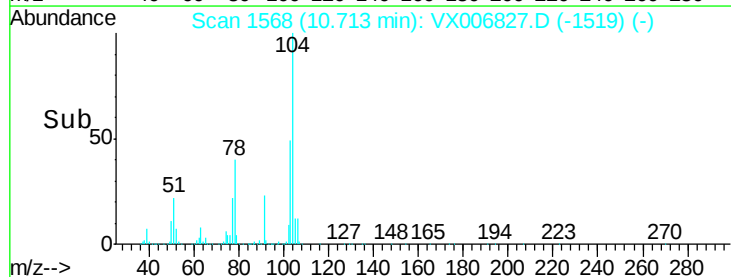
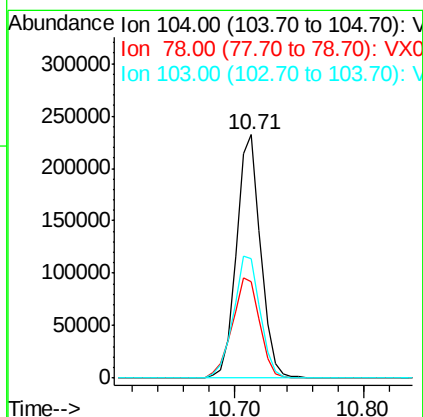
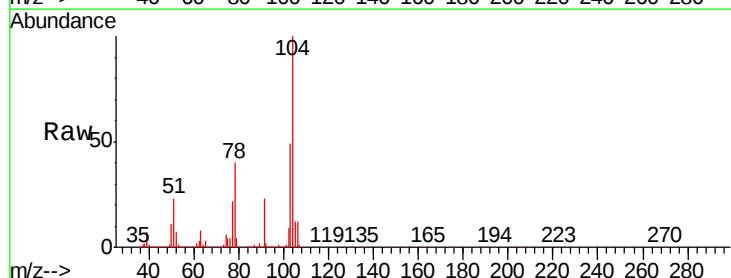
Instrument :
MSVOA_X
ClientSampleId :
VX1226MBSD01

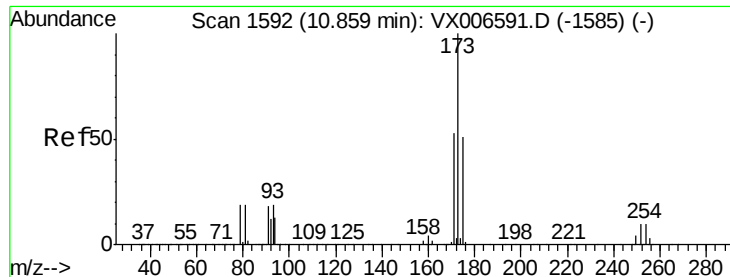
Tgt Ion:106 Resp: 184300
Ion Ratio Lower Upper
106 100
91 207.6 101.3 303.7



#70
Styrene
Concen: 19.048 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006827.D
Acq: 26 Dec 2018 19:08

Tgt Ion:104 Resp: 301377
Ion Ratio Lower Upper
104 100
78 47.3 37.7 56.5
103 56.0 43.8 65.8





#71

Bromoform

Concen: 19.161 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VX006827.D

Acq: 26 Dec 2018 19:08

Instrument :

MSVOA_X

ClientSampled :

VX1226MBSD01

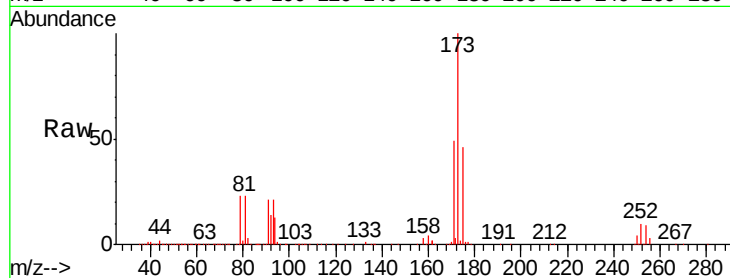
Tgt Ion:173 Resp: 71345

Ion Ratio Lower Upper

173 100

175 49.8 24.7 74.1

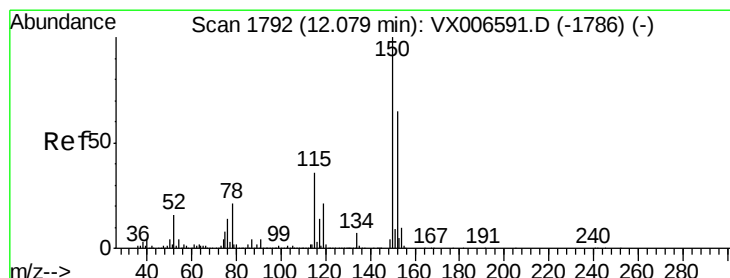
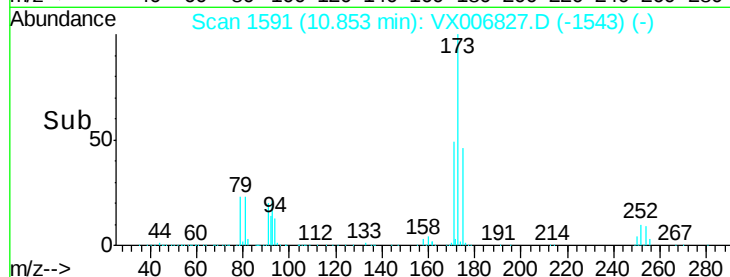
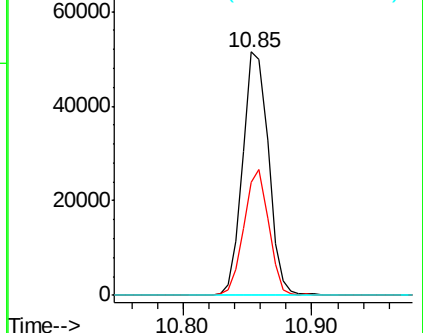
254 0.0 0.2 0.2#



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: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006827.D

Acq: 26 Dec 2018 19:08

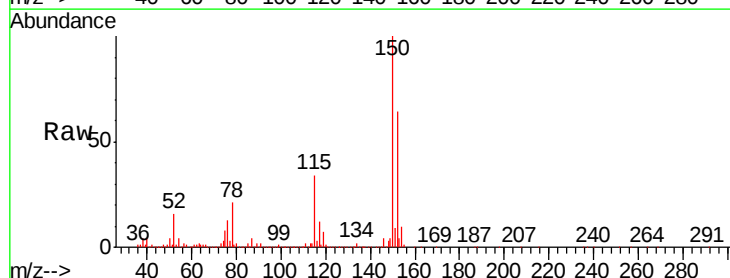
Tgt Ion:152 Resp: 361599

Ion Ratio Lower Upper

152 100

115 62.0 39.1 117.2

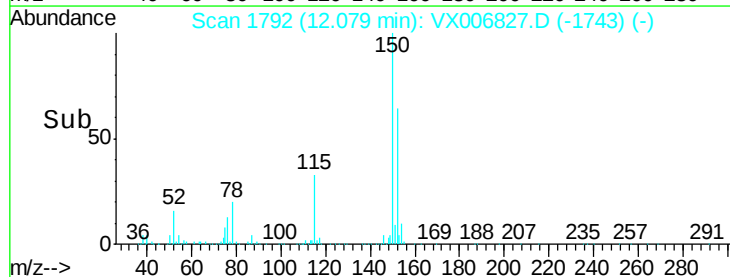
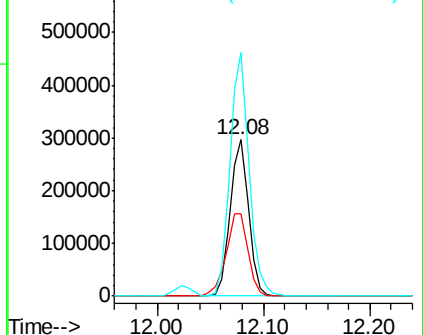
150 160.7 0.0 344.8

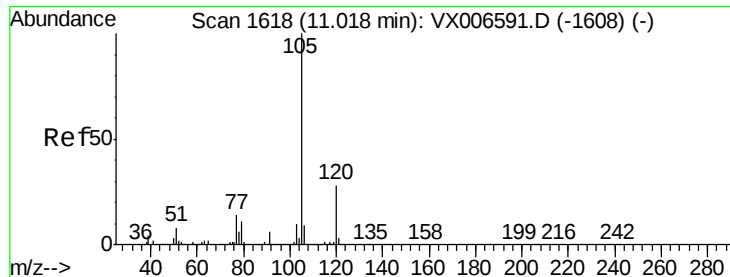


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.655 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006827.D

Acq: 26 Dec 2018 19:08

Instrument :

MSVOA_X

ClientSampleId :

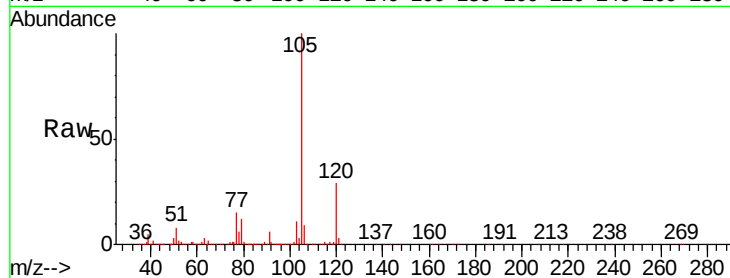
VX1226MBSD01

Tgt Ion:105 Resp: 461485

Ion Ratio Lower Upper

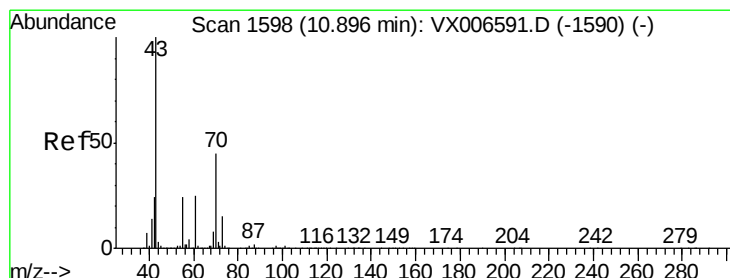
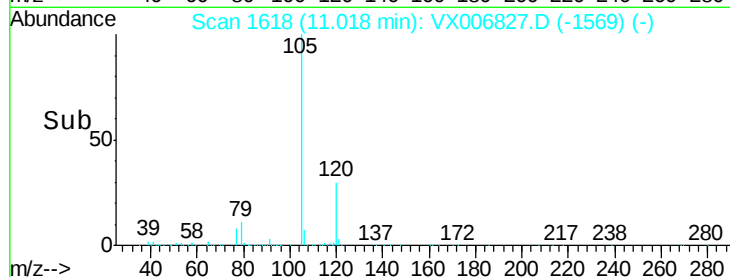
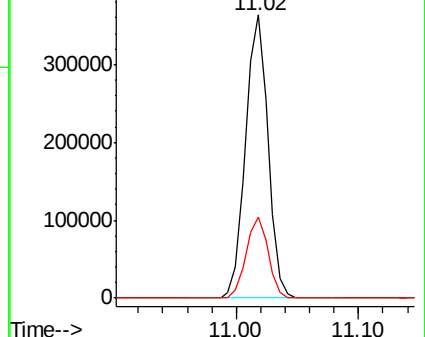
105 100

120 28.2 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 24.058 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX006827.D

Acq: 26 Dec 2018 19:08

Tgt Ion: 43 Resp: 213025

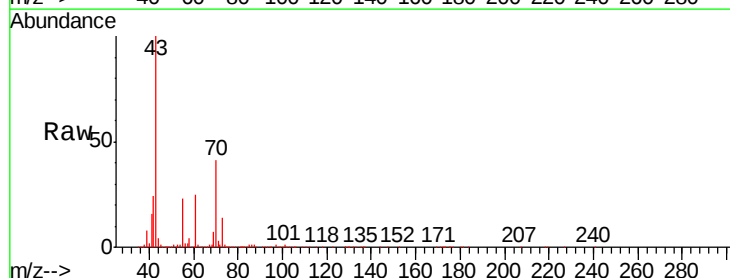
Ion Ratio Lower Upper

43 100

70 43.0 35.8 53.8

55 24.0 19.4 29.0

61 24.3 20.1 30.1

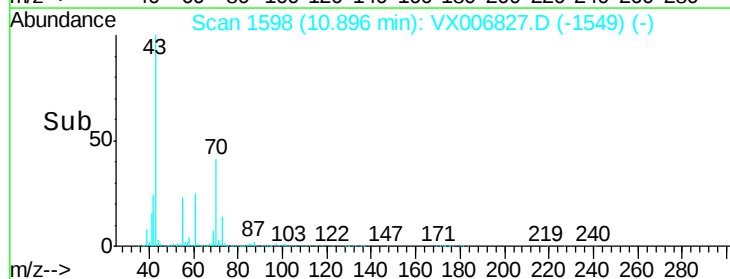
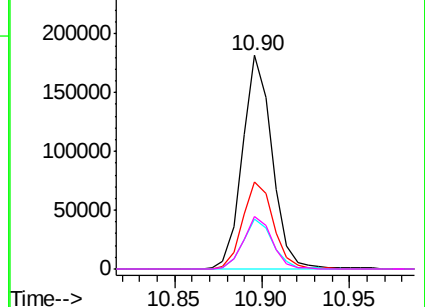


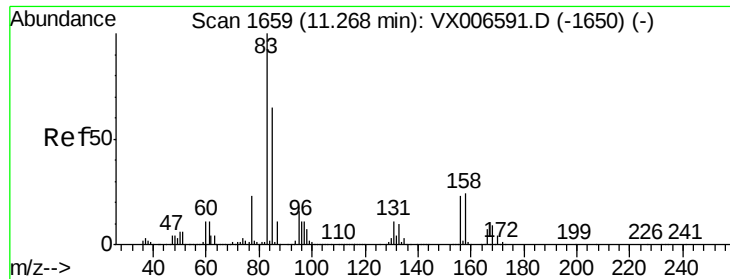
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 22.550 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006827.D

Acq: 26 Dec 2018 19:08

Instrument :

MSVOA_X

ClientSampleId :

VX1226MBSD01

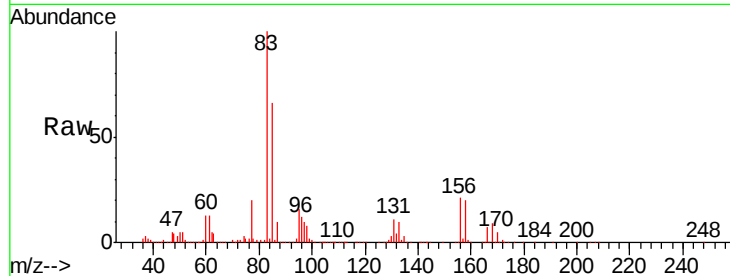
Tgt Ion: 83 Resp: 165904

Ion Ratio Lower Upper

83 100

131 11.0 5.7 17.1

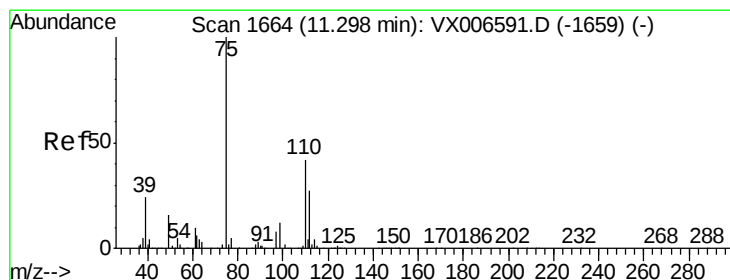
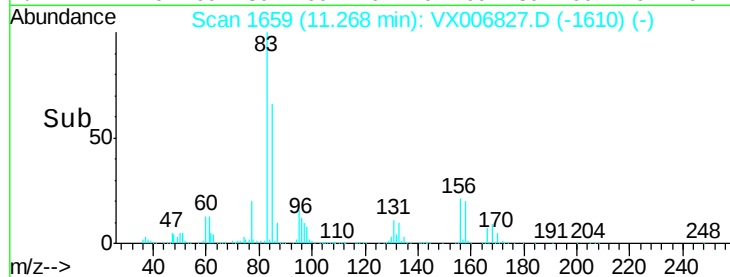
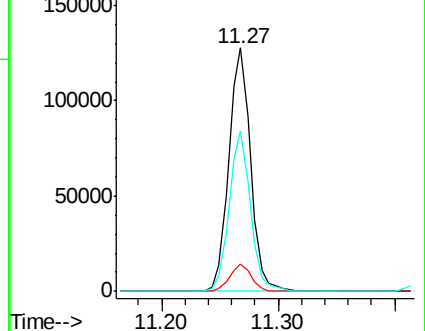
85 64.6 32.2 96.6



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: 26.153 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX006827.D

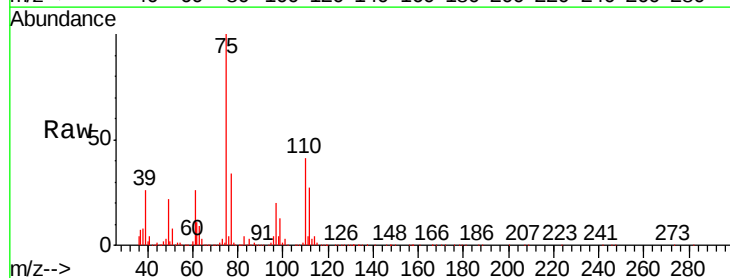
Acq: 26 Dec 2018 19:08

Tgt Ion: 75 Resp: 175752

Ion Ratio Lower Upper

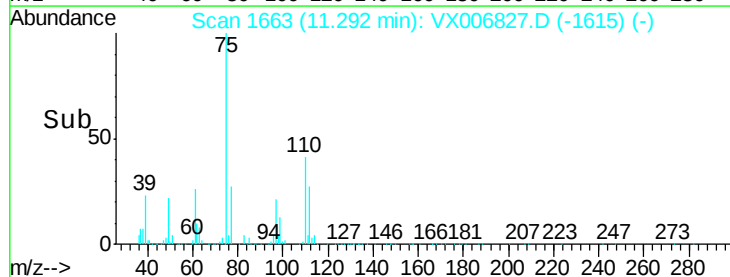
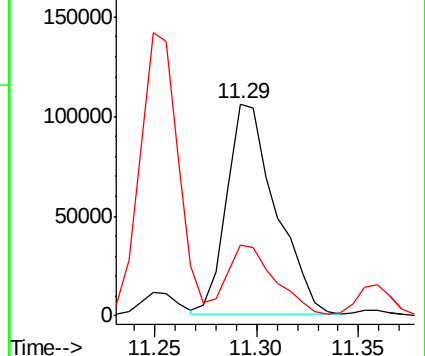
75 100

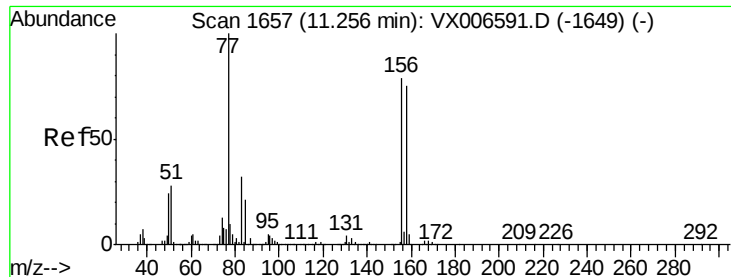
77 33.4 18.5 55.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.524 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006827.D

Acq: 26 Dec 2018 19:08

Instrument :

MSVOA_X

ClientSampleId :

VX1226MBSD01

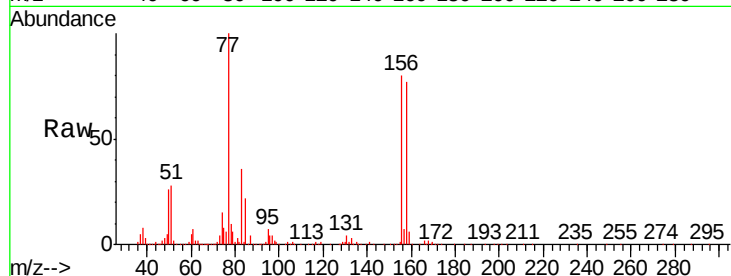
Tgt Ion:156 Resp: 137266

Ion Ratio Lower Upper

156 100

77 134.2 68.0 204.0

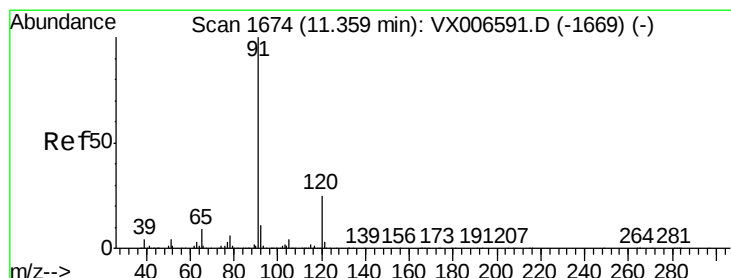
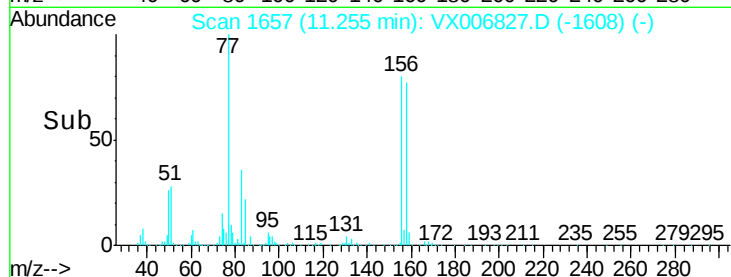
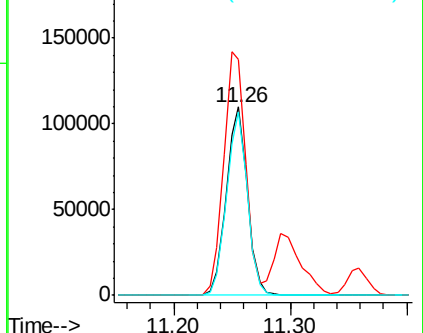
158 95.8 48.3 144.8



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: 18.418 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006827.D

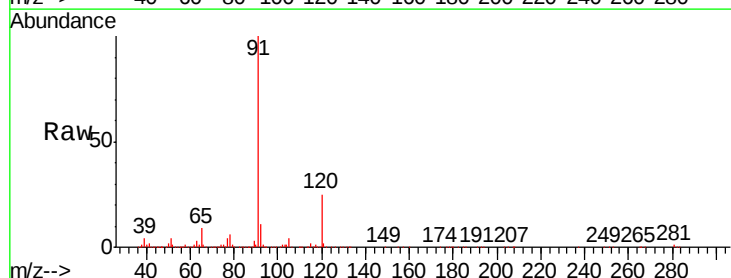
Acq: 26 Dec 2018 19:08

Tgt Ion: 91 Resp: 501724

Ion Ratio Lower Upper

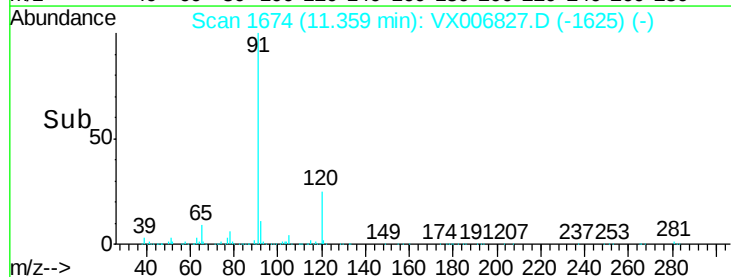
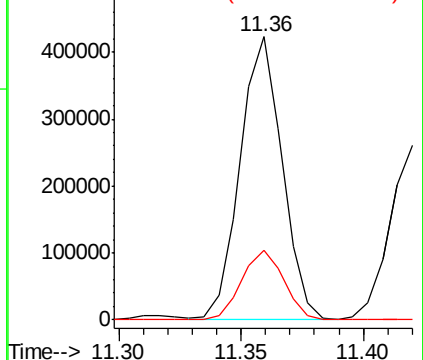
91 100

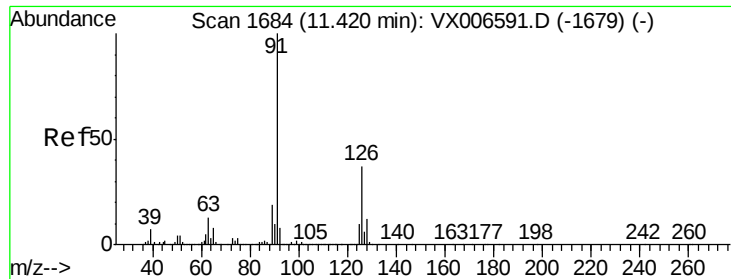
120 24.9 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.671 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX006827.D

Acq: 26 Dec 2018 19:08

Instrument :

MSVOA_X

ClientSampleId :

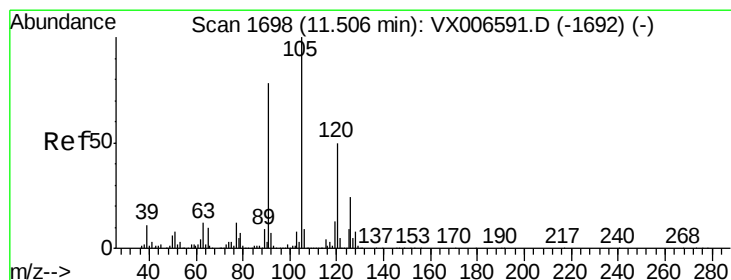
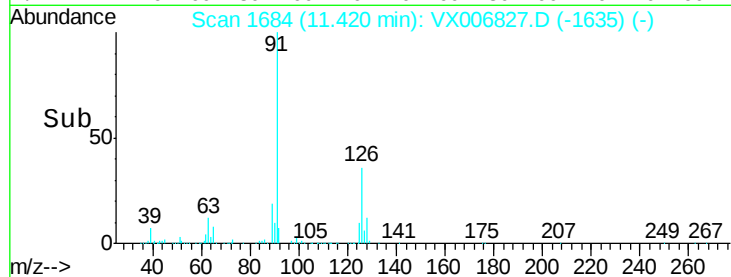
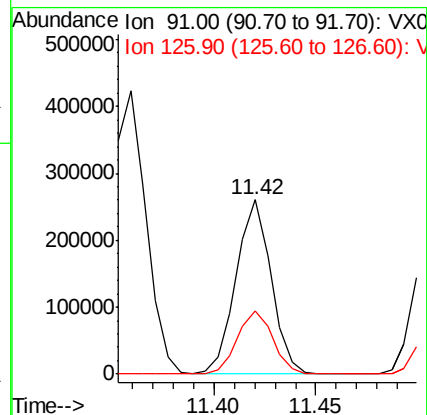
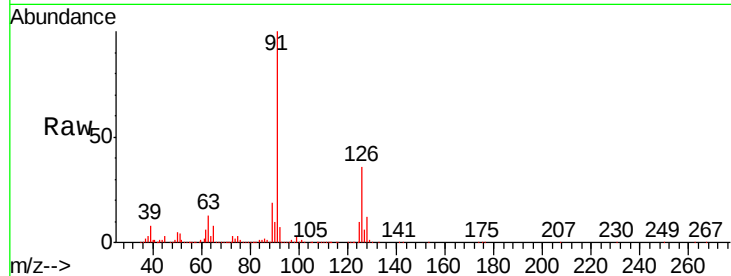
VX1226MBSD01

Tgt Ion: 91 Resp: 308225

Ion Ratio Lower Upper

91 100

126 37.3 18.6 56.0



#80

1,3,5-Trimethylbenzene

Concen: 18.114 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006827.D

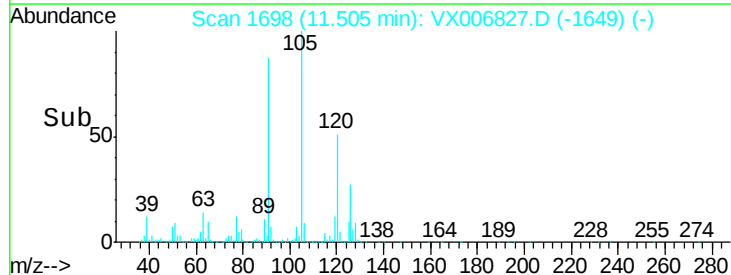
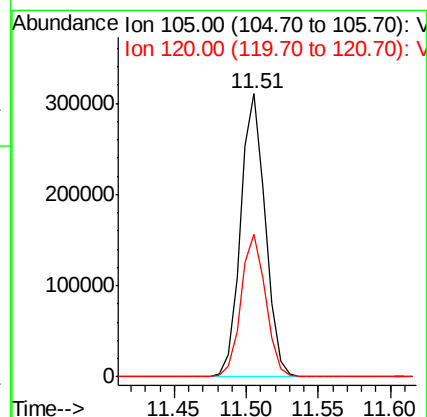
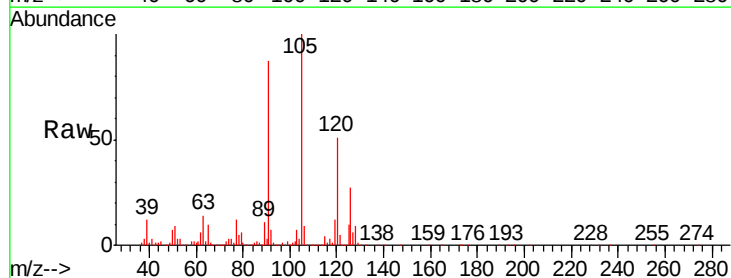
Acq: 26 Dec 2018 19:08

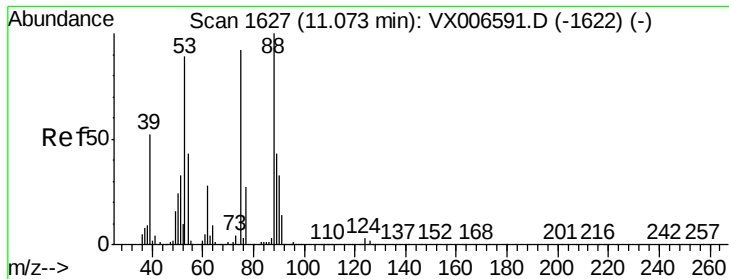
Tgt Ion: 105 Resp: 369090

Ion Ratio Lower Upper

105 100

120 50.4 25.1 75.3

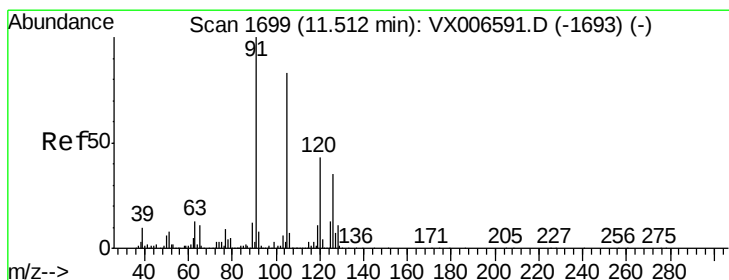
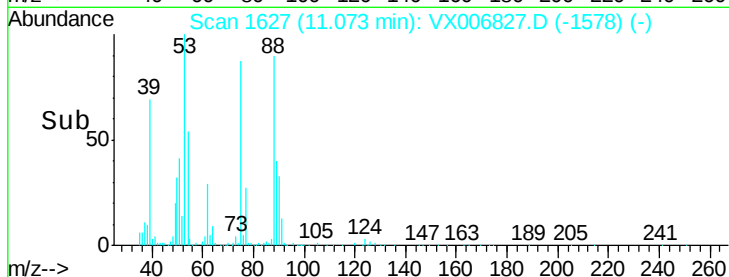
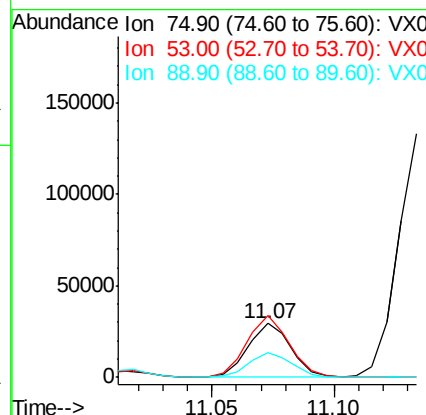
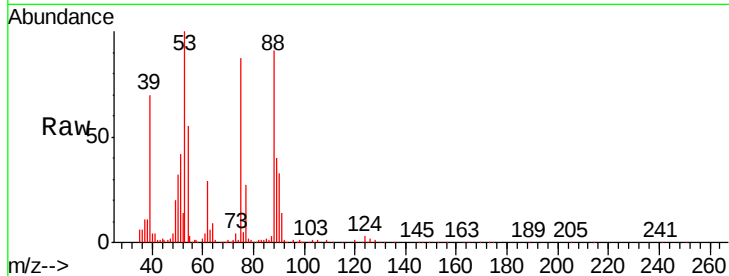




#81
trans-1,4-Dichloro-2-butene
Concen: 19.124 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX006827.D
Acq: 26 Dec 2018 19:08

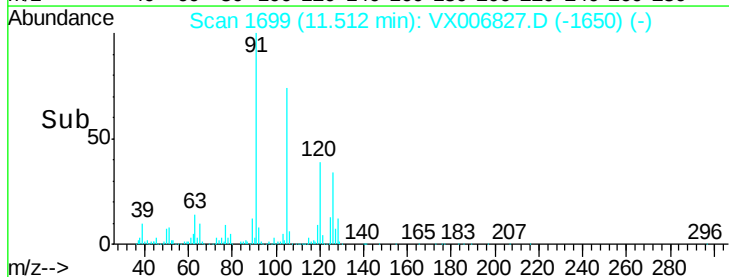
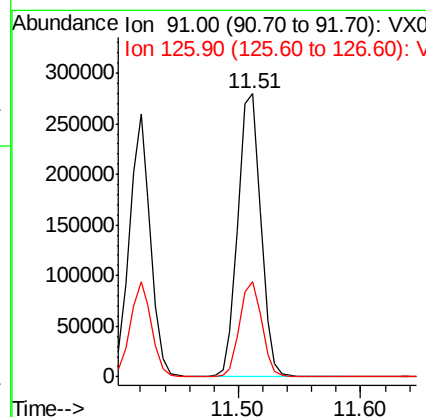
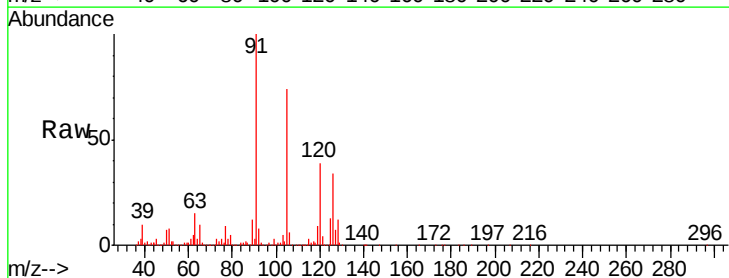
Instrument :
MSVOA_X
ClientSampled :
VX1226MBSD01

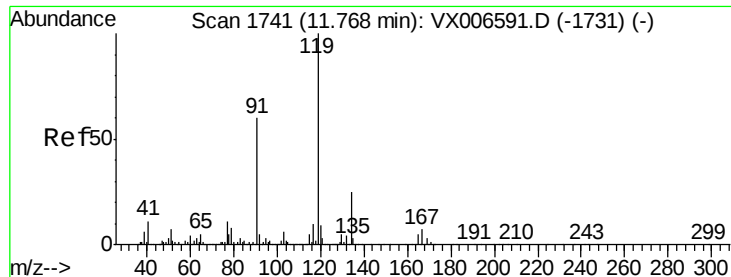
Tgt Ion: 75 Resp: 35924
Ion Ratio Lower Upper
75 100
53 113.7 79.7 119.5
89 47.0 38.0 57.0



#82
4-Chlorotoluene
Concen: 19.012 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX006827.D
Acq: 26 Dec 2018 19:08

Tgt Ion: 91 Resp: 360019
Ion Ratio Lower Upper
91 100
126 32.6 16.3 48.9





#83

tert-Butylbenzene

Concen: 17.990 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX006827.D

Acq: 26 Dec 2018 19:08

Instrument :

MSVOA_X

ClientSampleId :

VX1226MBSD01

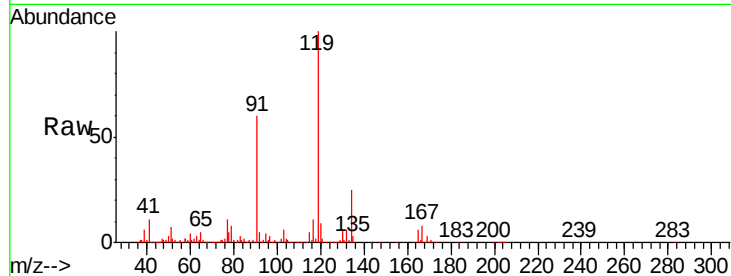
Tgt Ion:119 Resp: 366867

Ion Ratio Lower Upper

119 100

91 56.7 27.7 83.1

134 25.0 11.9 35.5

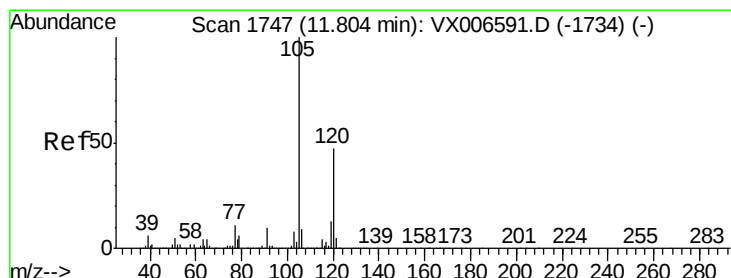
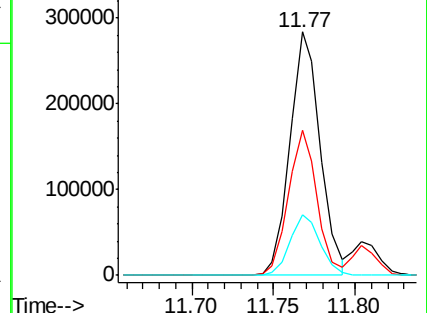
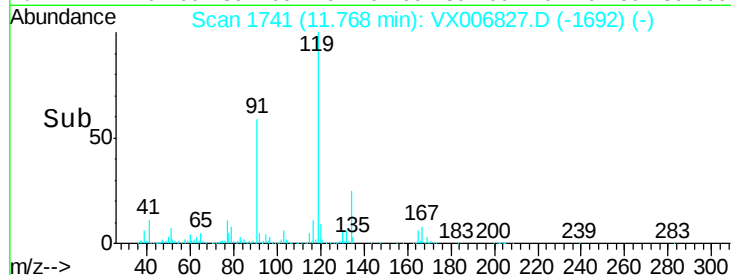


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V

Time-->



#84

1,2,4-Trimethylbenzene

Concen: 17.801 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX006827.D

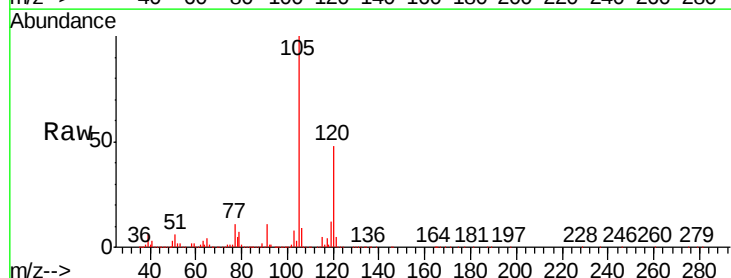
Acq: 26 Dec 2018 19:08

Tgt Ion:105 Resp: 381508

Ion Ratio Lower Upper

105 100

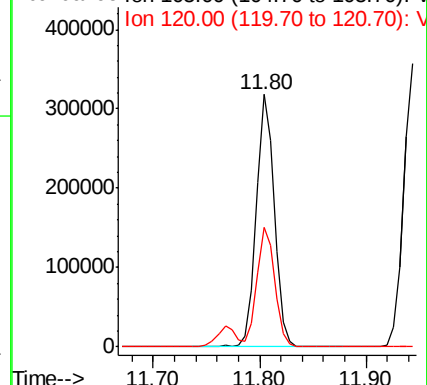
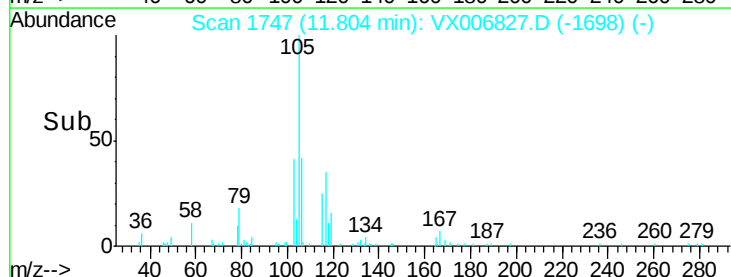
120 46.5 23.2 69.6

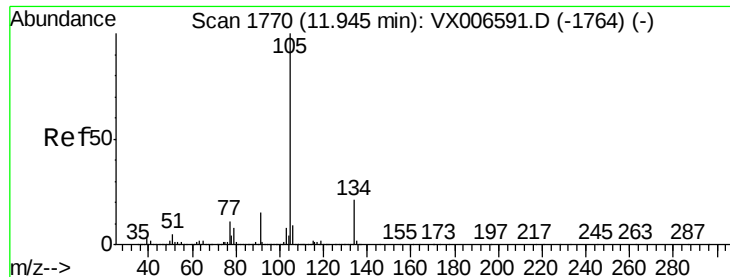


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Time-->

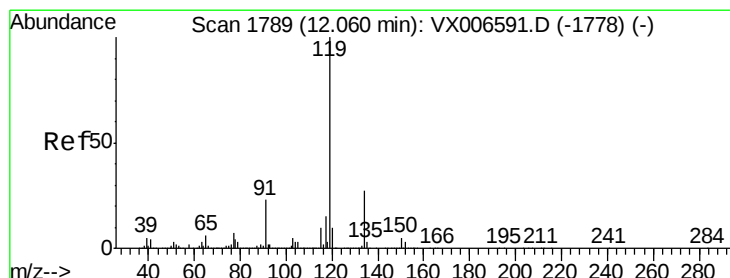
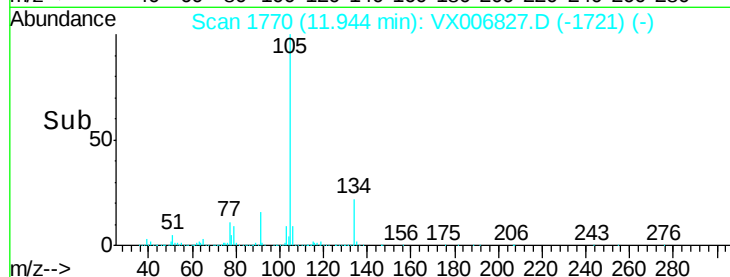
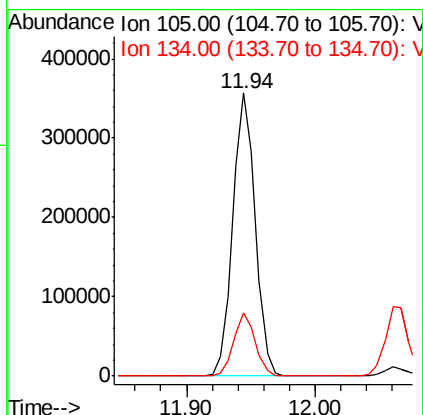
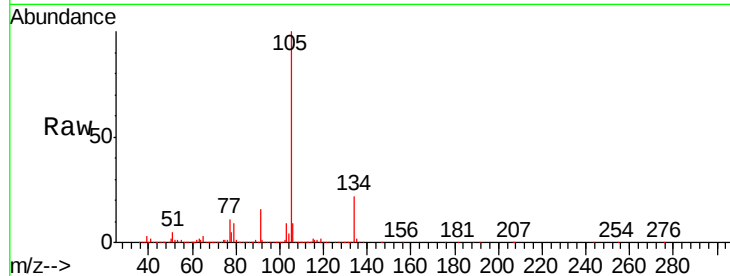




#85
 sec-Butylbenzene
 Concen: 17.397 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX006827.D
 Acq: 26 Dec 2018 19:08

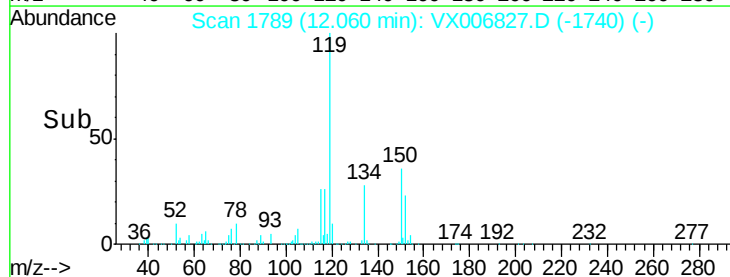
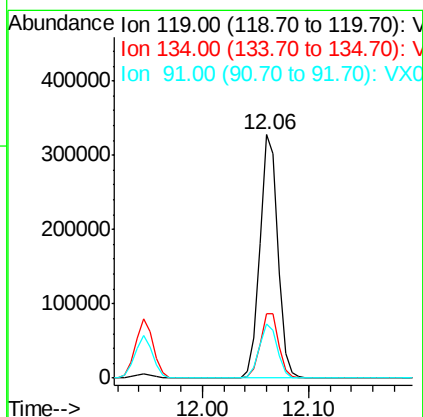
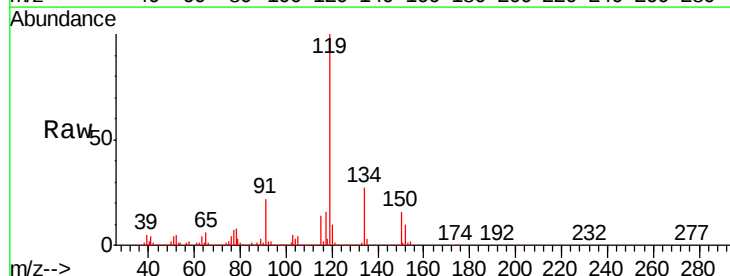
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1226MBSD01

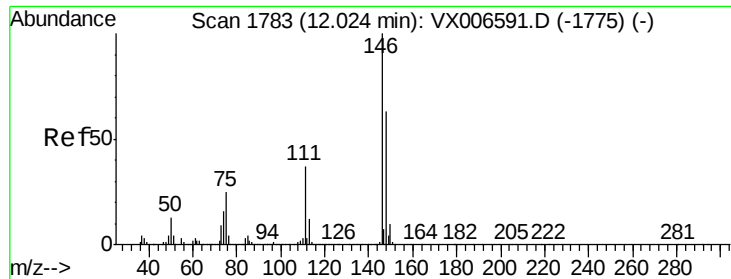
Tgt Ion:105 Resp: 434960
 Ion Ratio Lower Upper
 105 100
 134 21.7 10.7 31.9



#86
 p-Isopropyltoluene
 Concen: 17.694 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX006827.D
 Acq: 26 Dec 2018 19:08

Tgt Ion:119 Resp: 388880
 Ion Ratio Lower Upper
 119 100
 134 27.4 14.0 41.9
 91 22.5 11.3 33.9

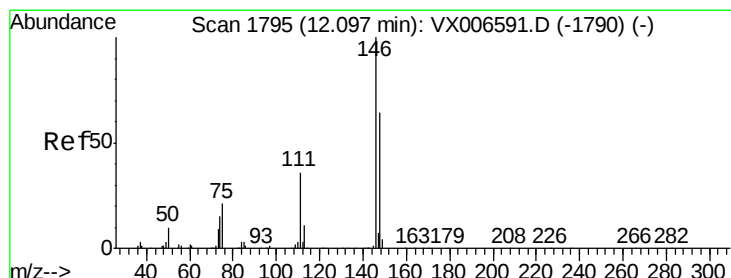
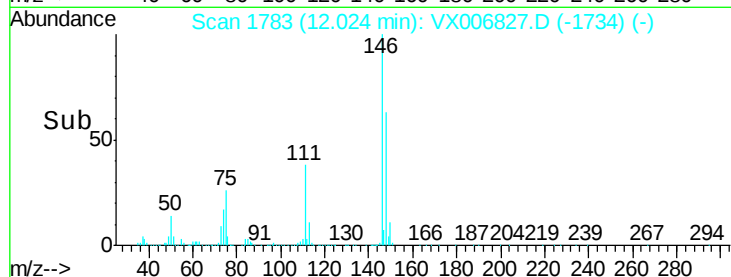
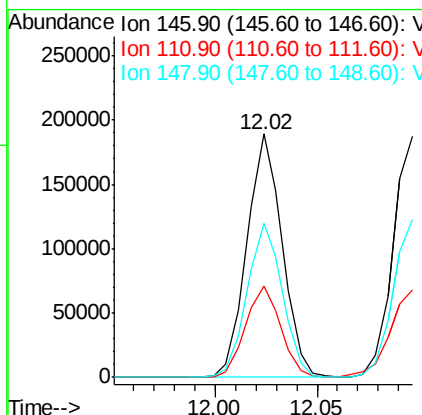
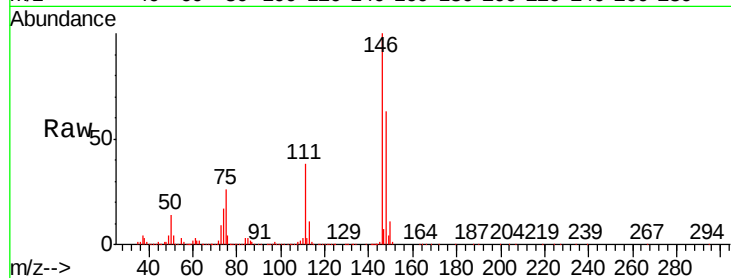




#87
 1,3-Dichlorobenzene
 Concen: 18.879 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX006827.D
 Acq: 26 Dec 2018 19:08

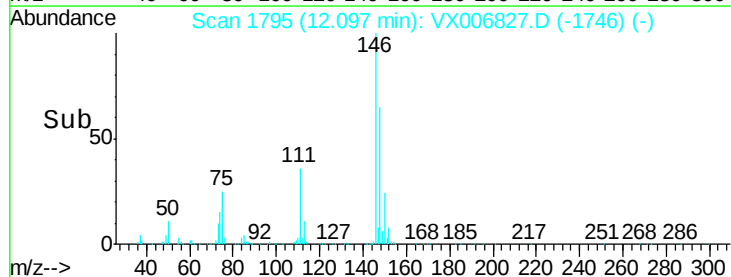
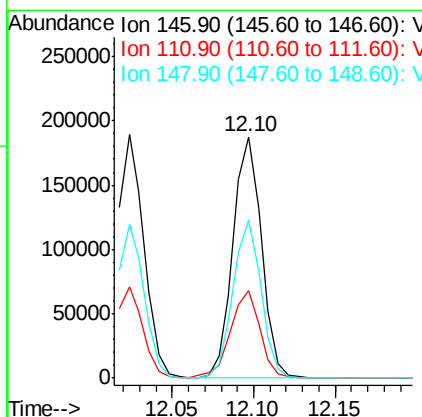
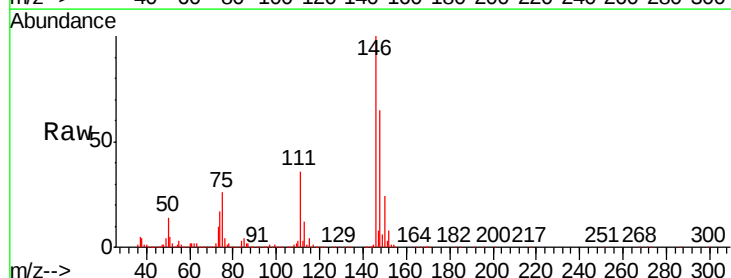
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1226MBSD01

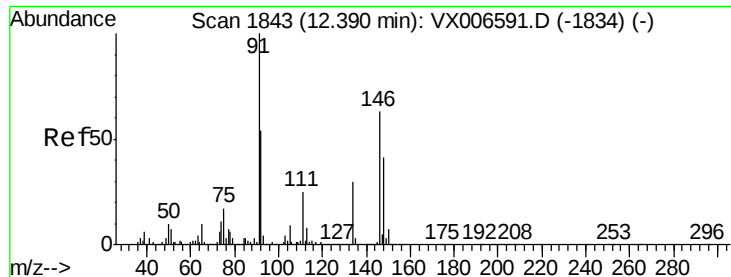
Tgt Ion:146 Resp: 227550
 Ion Ratio Lower Upper
 146 100
 111 37.7 18.6 55.8
 148 63.4 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 18.481 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX006827.D
 Acq: 26 Dec 2018 19:08

Tgt Ion:146 Resp: 228358
 Ion Ratio Lower Upper
 146 100
 111 37.7 18.1 54.1
 148 64.7 31.9 95.9





#89

n-Butylbenzene

Concen: 17.388 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.01 min

Lab File: VX006827.D

Acq: 26 Dec 2018 19:08

Instrument :

MSVOA_X

ClientSampleId :

VX1226MBSD01

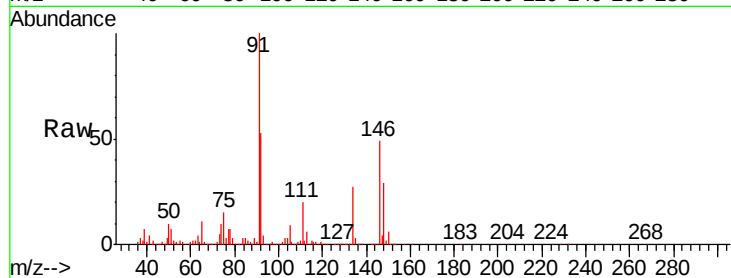
Tgt Ion: 91 Resp: 325243

Ion Ratio Lower Upper

91 100

92 51.9 26.8 80.4

134 28.2 14.4 43.2

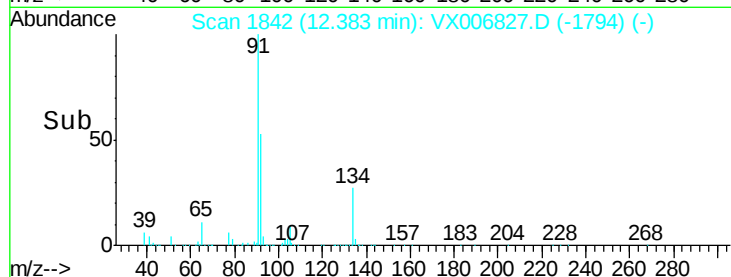


Abundance Ion 91.00 (90.70 to 91.70): VX006827.D (-1794) (-)

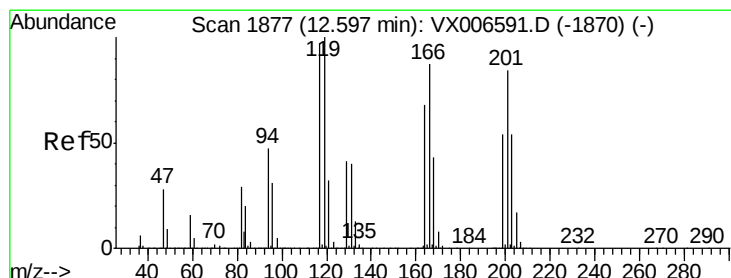
Ion 92.00 (91.70 to 92.70): VX006827.D (-1794) (-)

Ion 134.00 (133.70 to 134.70): VX006827.D (-1794) (-)

Time-->



Time-->



#90

Hexachloroethane

Concen: 16.530 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX006827.D

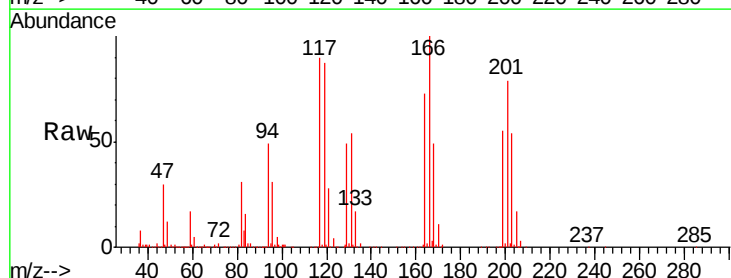
Acq: 26 Dec 2018 19:08

Tgt Ion: 117 Resp: 48741

Ion Ratio Lower Upper

117 100

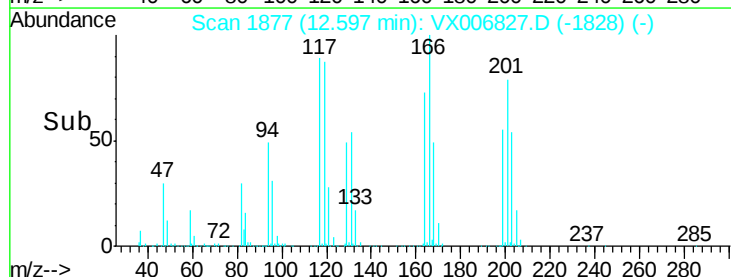
201 88.5 42.9 128.7



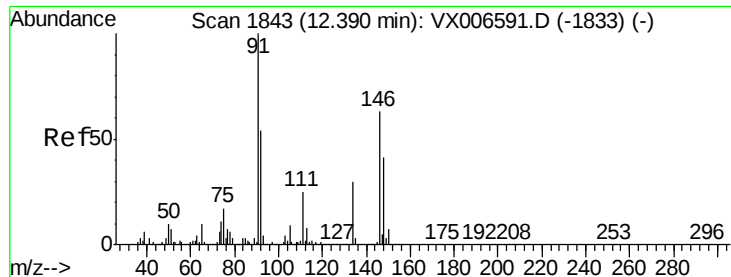
Abundance Ion 116.80 (116.50 to 117.50): VX006827.D (-1828) (-)

Ion 200.70 (200.40 to 201.40): VX006827.D (-1828) (-)

Time-->



Time-->



#91

1,2-Dichlorobenzene

Concen: 18.734 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX006827.D

Acq: 26 Dec 2018 19:08

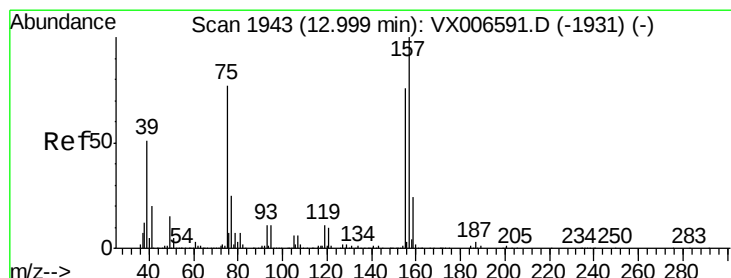
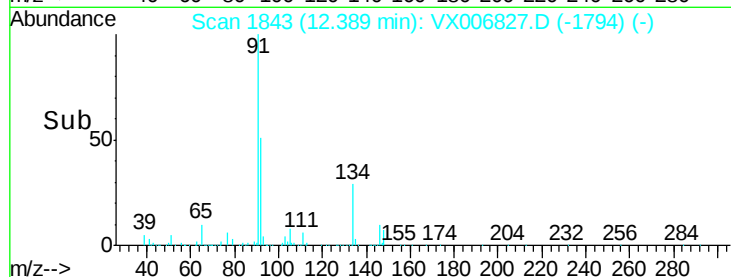
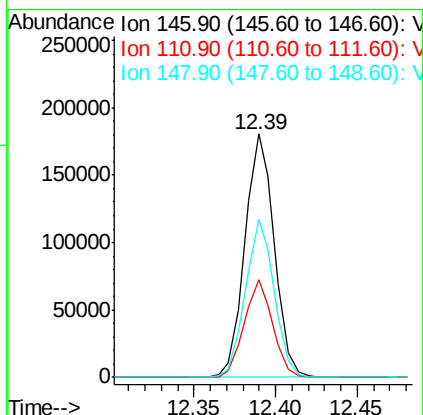
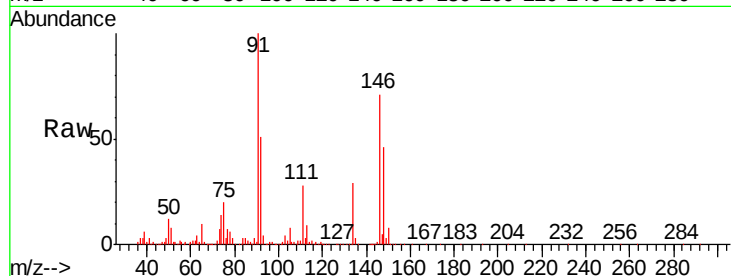
Instrument :

MSVOA_X

ClientSampleId :

VX1226MBSD01

Tgt Ion:	146	Resp:	225890
Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.4	58.2
148	63.9	32.3	96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.139 ug/l

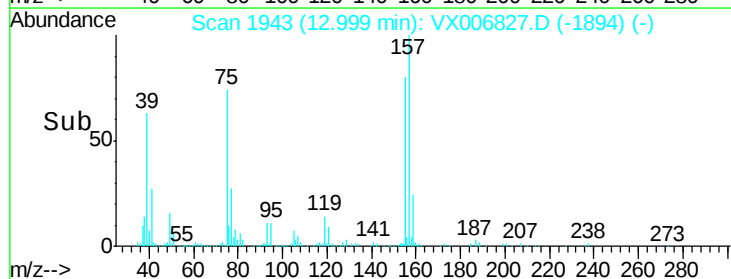
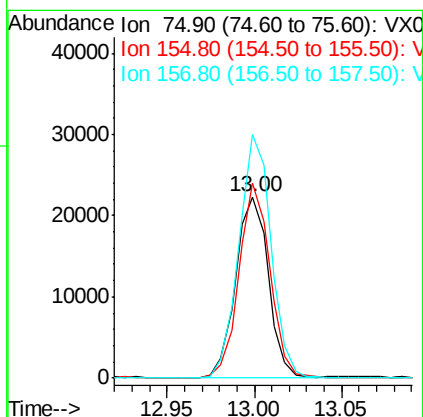
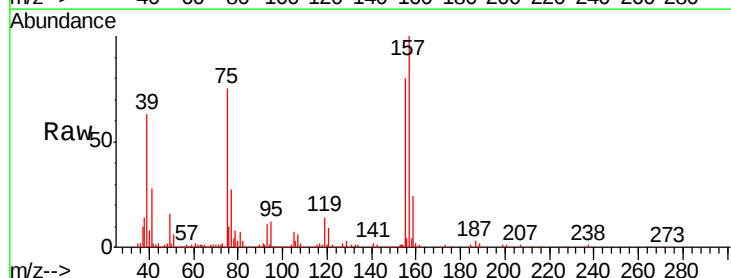
RT: 13.00 min Scan# 1943

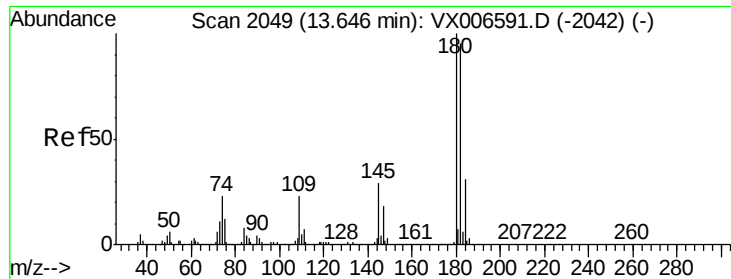
Delta R.T. -0.00 min

Lab File: VX006827.D

Acq: 26 Dec 2018 19:08

Tgt Ion:	75	Resp:	29134
Ion	Ratio	Lower	Upper
75	100		
155	102.2	50.6	151.8
157	132.1	64.6	193.8

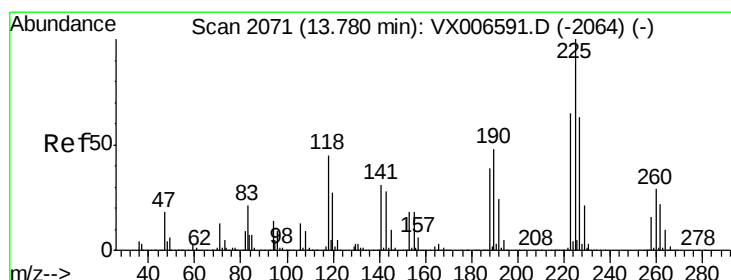
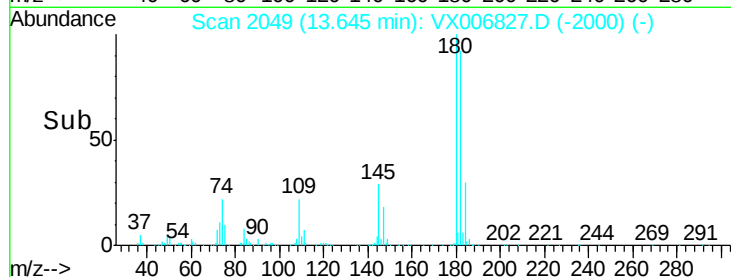
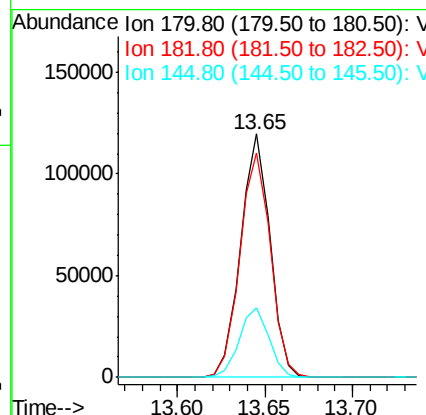
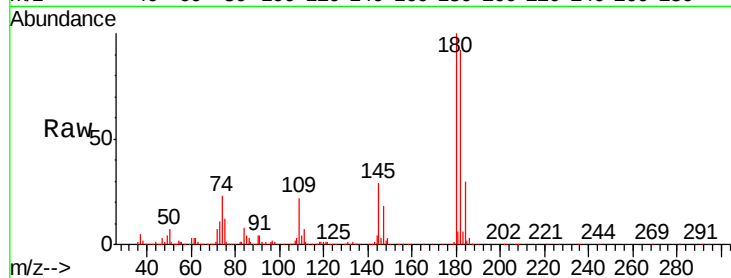




#93
 1,2,4-Trichlorobenzene
 Concen: 16.809 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX006827.D
 Acq: 26 Dec 2018 19:08

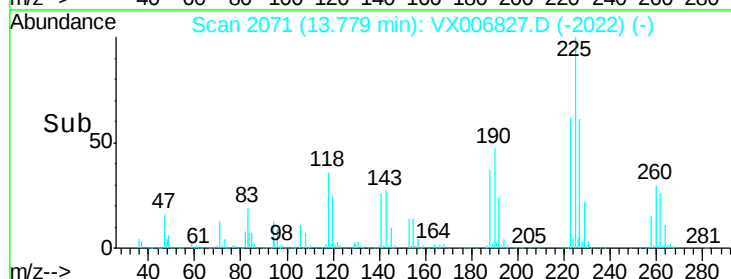
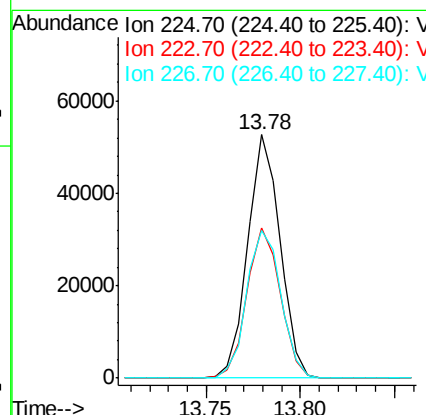
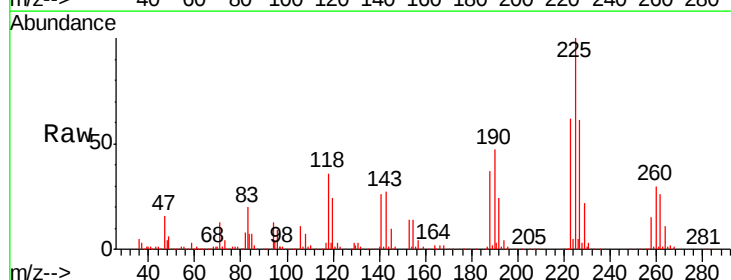
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1226MBSD01

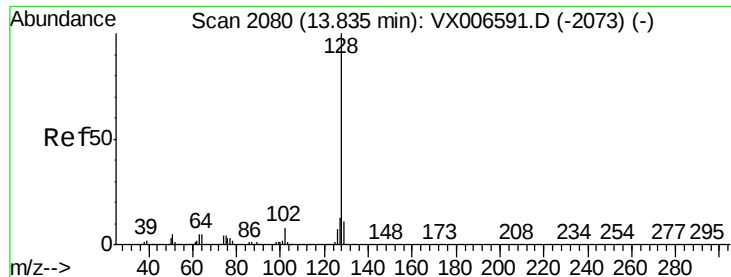
Tgt Ion:180 Resp: 139803
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.3 142.0
 145 29.4 14.8 44.3



#94
 Hexachlorobutadiene
 Concen: 16.043 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX006827.D
 Acq: 26 Dec 2018 19:08

Tgt Ion:225 Resp: 62893
 Ion Ratio Lower Upper
 225 100
 223 63.9 32.1 96.3
 227 64.4 32.3 96.8

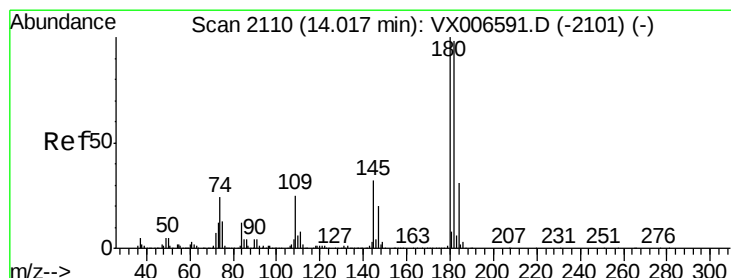
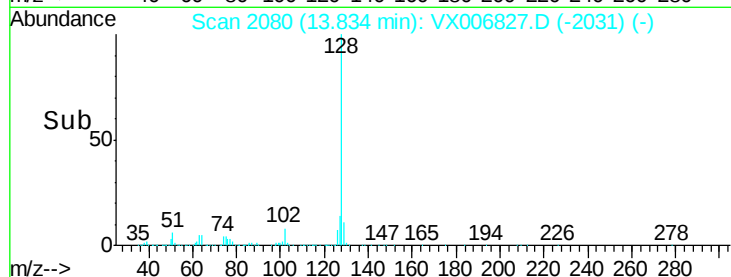
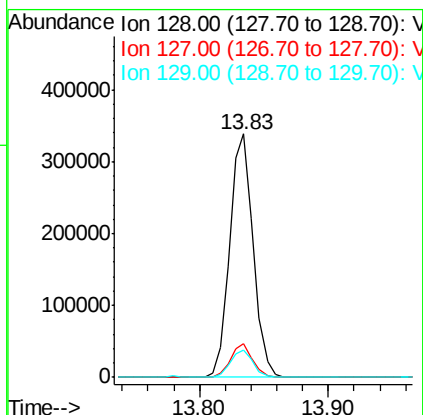
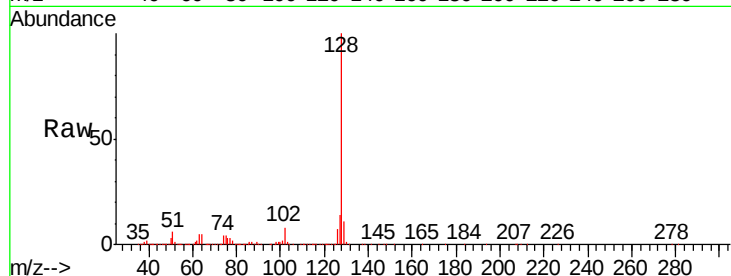




#95
Naphthalene
Concen: 16.271 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX006827.D
Acq: 26 Dec 2018 19:08

Instrument :
MSVOA_X
ClientSampleId :
VX1226MBSD01

Tgt Ion:128 Resp: 431926
Ion Ratio Lower Upper
128 100
127 13.1 10.1 15.1
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 15.919 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX006827.D
Acq: 26 Dec 2018 19:08

Tgt Ion:180 Resp: 136701
Ion Ratio Lower Upper
180 100
182 95.8 48.5 145.5
145 31.2 16.0 47.9

