

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122418\
 Data File : VX006798.D
 Acq On : 24 Dec 2018 16:38
 Operator : JC/MD
 Sample : VX1224MBSD01
 Misc : 5.00µg/10mL/100µL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1224MBSD01

Quant Time: Dec 25 01:23:19 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	668847	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	982761	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	891871	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	466234	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	345947	47.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	
35) Dibromofluoromethane	5.51	113	300827	48.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.80%	
50) Toluene-d8	8.71	98	1164388	49.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.40%	
62) 4-Bromofluorobenzene	11.13	95	421725	49.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	112085	18.318	ug/l	99
3) Chloromethane	1.33	50	132743	20.137	ug/l	95
4) Vinyl Chloride	1.41	62	150720	21.892	ug/l	100
5) Bromomethane	1.64	94	121188	17.621	ug/l	95
6) Chloroethane	1.72	64	103085	21.624	ug/l	98
7) Trichlorofluoromethane	1.93	101	241507	22.499	ug/l	97
8) Diethyl Ether	2.19	74	93739	21.987	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	131387	20.847	ug/l	100
10) Methyl Iodide	2.51	142	189013	20.951	ug/l	98
11) Tert butyl alcohol	3.07	59	171783	106.780	ug/l	99
12) 1,1-Dichloroethene	2.38	96	121335	20.304	ug/l	99
13) Acrolein	2.30	56	112634	103.784	ug/l	100
14) Allyl chloride	2.73	41	211285	21.005	ug/l	97
15) Acrylonitrile	3.15	53	389067	108.924	ug/l	99
16) Acetone	2.45	43	347955	105.064	ug/l	95
17) Carbon Disulfide	2.57	76	240667	15.218	ug/l	99
18) Methyl Acetate	2.78	43	233739	24.002	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	439605	22.164	ug/l	99
20) Methylene Chloride	2.86	84	140680	20.542	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	124867	18.858	ug/l	94
22) Diisopropyl ether	3.87	45	383487	20.839	ug/l	94
23) Vinyl Acetate	3.82	43	1487892	98.847	ug/l	98
24) 1,1-Dichloroethane	3.70	63	205043	18.665	ug/l	99
25) 2-Butanone	4.70	43	456910	98.081	ug/l	99
26) 2,2-Dichloropropane	4.58	77	137111	16.158	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	138974	19.023	ug/l	99
28) Bromochloromethane	5.02	49	100579	20.631	ug/l	96
29) Tetrahydrofuran	5.15	42	311159	101.413	ug/l	97
30) Chloroform	5.21	83	213637	18.780	ug/l	99
31) Cyclohexane	5.58	56	184700	18.507	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	172598	17.968	ug/l	98
36) 1,1-Dichloropropene	5.80	75	155486	19.103	ug/l	100
37) Ethyl Acetate	4.85	43	177241	20.921	ug/l	99
38) Carbon Tetrachloride	5.78	117	144186	18.228	ug/l	95

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 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)
39) Methylcyclohexane	7.46	83	199554	18.622	ug/l	97
40) Benzene	6.14	78	488501	19.744	ug/l	97
41) Methacrylonitrile	5.06	41	101497	22.566	ug/l	97
42) 1,2-Dichloroethane	6.20	62	166186	19.712	ug/l	99
43) Isopropyl Acetate	6.46	43	277426	21.522	ug/l	96
44) Trichloroethene	7.21	130	145095	19.376	ug/l	88
45) 1,2-Dichloropropane	7.51	63	119842	19.905	ug/l	97
46) Dibromomethane	7.66	93	84667	19.118	ug/l	97
47) Bromodichloromethane	7.90	83	130656	17.770	ug/l	97
48) Methyl methacrylate	7.77	41	143177	21.842	ug/l	96
49) 1,4-Dioxane	7.75	88	57038	319.029	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	912036	111.202	ug/l	98
52) Toluene	8.78	92	412024	25.777	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	143992	18.260	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	163664	18.915	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	132100	20.191	ug/l	98
56) Ethyl methacrylate	9.18	69	195423	21.134	ug/l	94
57) 1,3-Dichloropropane	9.37	76	210391	19.987	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	515251	104.823	ug/l	99
59) 2-Hexanone	9.49	43	683074	108.853	ug/l	98
60) Dibromochloromethane	9.59	129	107653	17.325	ug/l	99
61) 1,2-Dibromoethane	9.67	107	139233	20.019	ug/l	99
64) Tetrachloroethene	9.34	164	142600	20.192	ug/l	93
65) Chlorobenzene	10.14	112	368700	19.541	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	116876	19.854	ug/l	100
67) Ethyl Benzene	10.25	91	644250	20.895	ug/l	98
68) m/p-Xylenes	10.36	106	572243	47.035	ug/l	100
69) o-Xylene	10.70	106	252665	21.031	ug/l	96
70) Styrene	10.71	104	388523	20.441	ug/l	99
71) Bromoform	10.86	173	77002	17.668	ug/l #	99
73) Isopropylbenzene	11.02	105	636783	19.964	ug/l	99
74) N-amyl acetate	10.90	43	256921	22.504	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	198685	20.945	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	208249	24.035	ug/l	92
77) Bromobenzene	11.26	156	171812	19.924	ug/l	99
78) n-propylbenzene	11.36	91	709166	20.190	ug/l	99
79) 2-Chlorotoluene	11.42	91	417334	19.607	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	532411	20.266	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	36736	16.043	ug/l #	73
82) 4-Chlorotoluene	11.51	91	481681	19.728	ug/l	100
83) tert-Butylbenzene	11.77	119	529197	20.126	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	553423	20.027	ug/l	99
85) sec-Butylbenzene	11.94	105	640855	19.879	ug/l	99
86) p-Isopropyltoluene	12.06	119	574194	20.262	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	307558	19.790	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	310524	19.491	ug/l	99
89) n-Butylbenzene	12.38	91	482581	20.010	ug/l	99
90) Hexachloroethane	12.60	117	67712	17.555	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	311464	20.034	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	34635	17.646	ug/l #	73

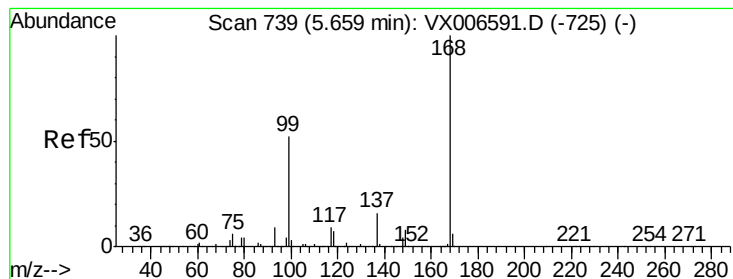
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX122418\
Data File : VX006798.D
Acq On : 24 Dec 2018 16:38
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Quant Time: Dec 25 01:23:19 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	222829	20.779	ug/l	98
94) Hexachlorobutadiene	13.78	225	96731	19.137	ug/l	99
95) Naphthalene	13.83	128	696097	20.338	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	223515	20.187	ug/l	97

(#) = 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: VX006798.D

Acq: 24 Dec 2018 16:38

Instrument :

MSVOA_X

ClientSampleId :

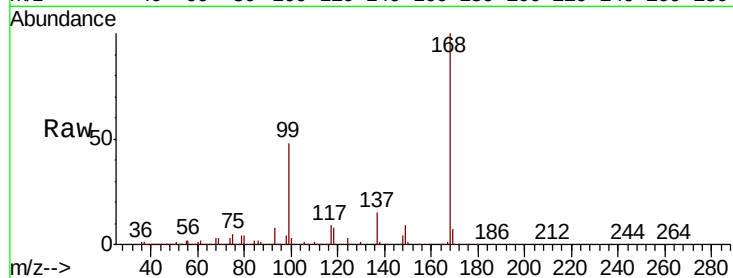
VX1224MBSD01

Tot Ion:168 Resp: 668847

Ion Ratio Lower Upper

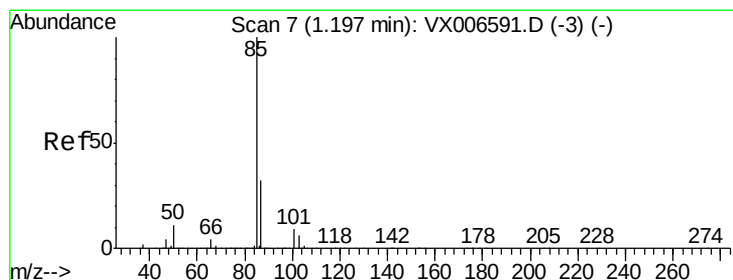
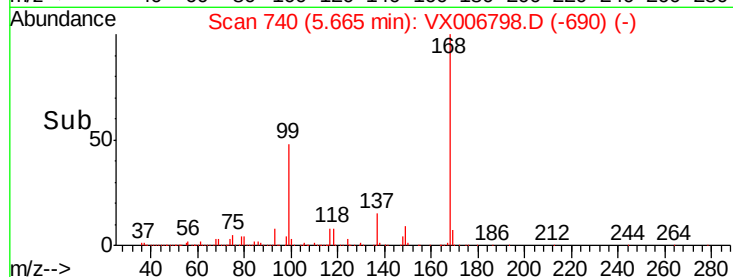
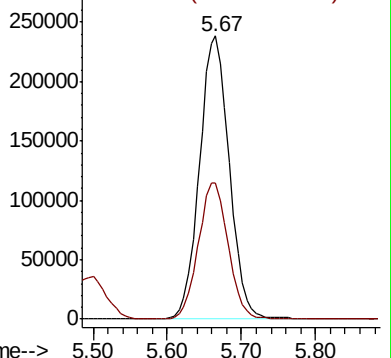
168 100

99 48.0 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 18.318 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006798.D

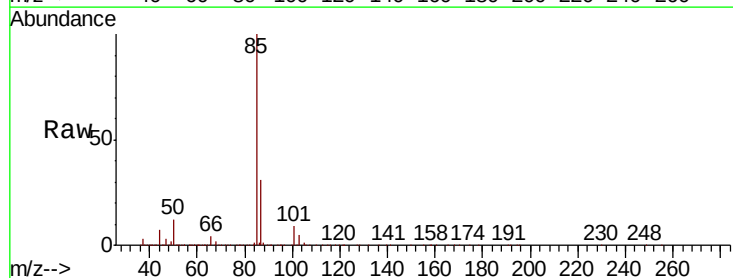
Acq: 24 Dec 2018 16:38

Tgt Ion: 85 Resp: 112085

Ion Ratio Lower Upper

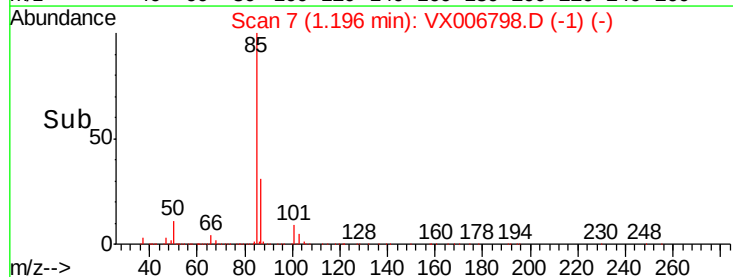
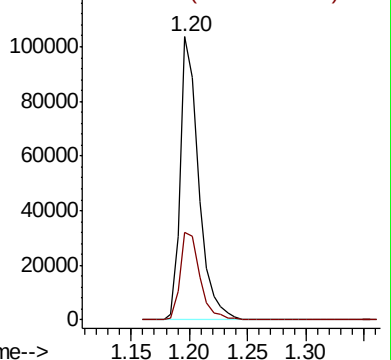
85 100

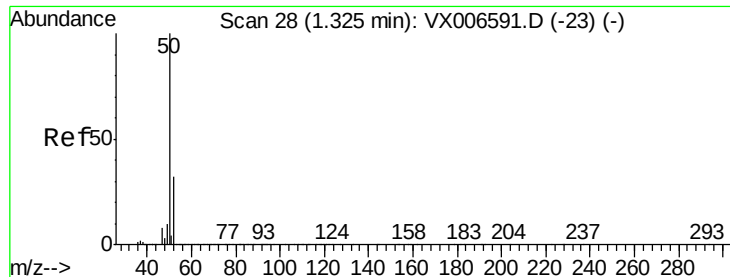
87 30.9 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

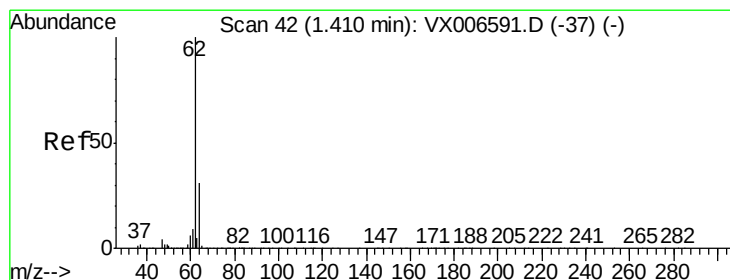
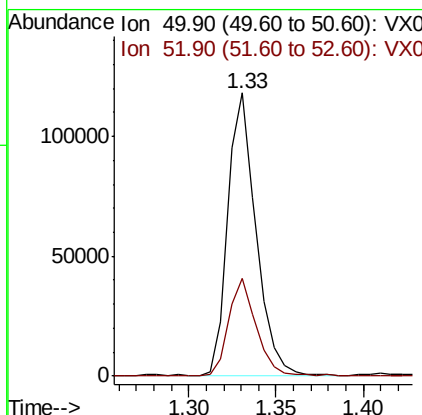
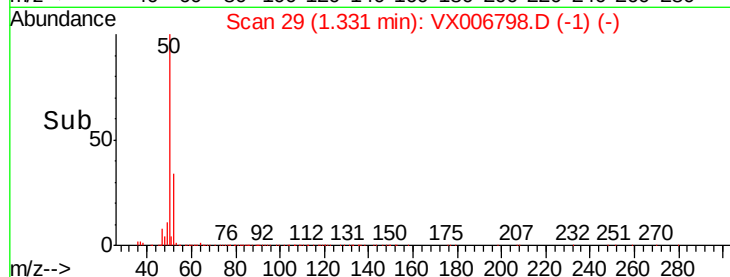
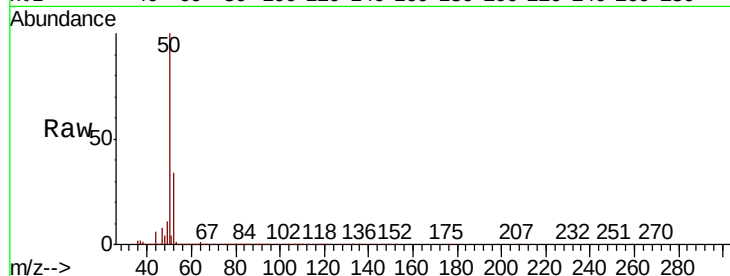




#3
Chloromethane
Concen: 20.137 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.01 min
Lab File: VX006798.D
Acq: 24 Dec 2018 16:38

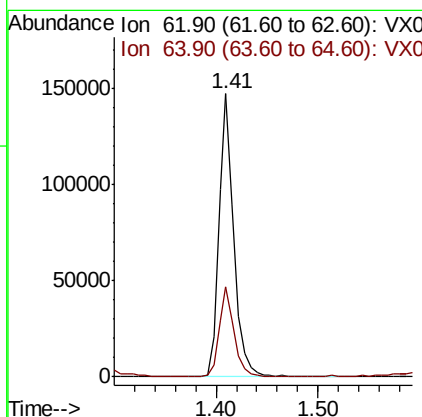
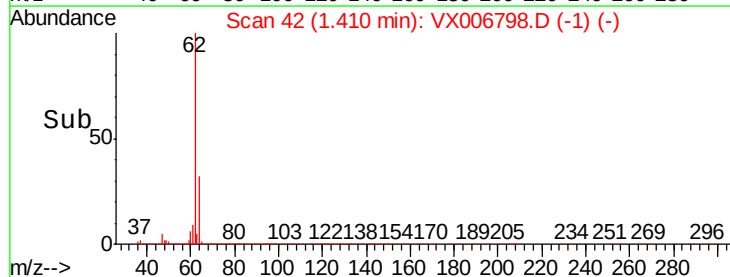
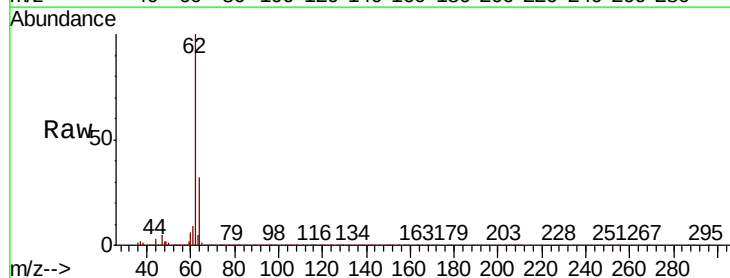
Instrument :
MSVOA_X
ClientSampleId :
VX1224MBSD01

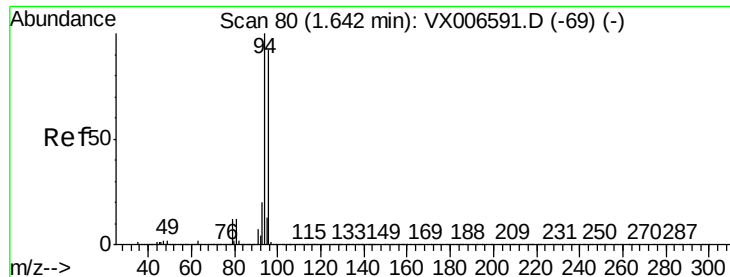
Tot Ion: 50 Resp: 132743
Ion Ratio Lower Upper
50 100
52 34.3 25.4 38.2



#4
Vinyl Chloride
Concen: 21.892 ug/l
RT: 1.41 min Scan# 42
Delta R.T. -0.00 min
Lab File: VX006798.D
Acq: 24 Dec 2018 16:38

Tgt Ion: 62 Resp: 150720
Ion Ratio Lower Upper
62 100
64 31.5 25.1 37.7





#5

Bromomethane

Concen: 17.621 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006798.D

Acq: 24 Dec 2018 16:38

Instrument :

MSVOA_X

ClientSampleId :

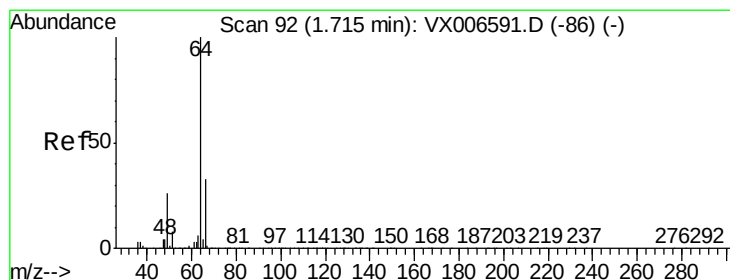
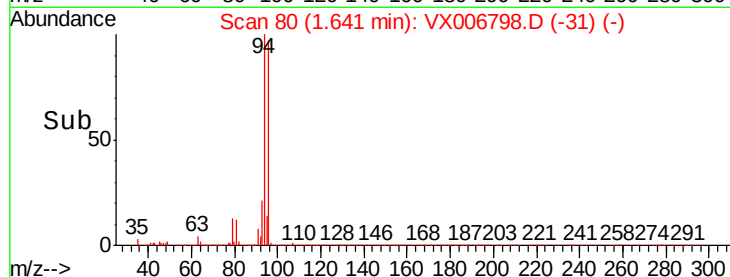
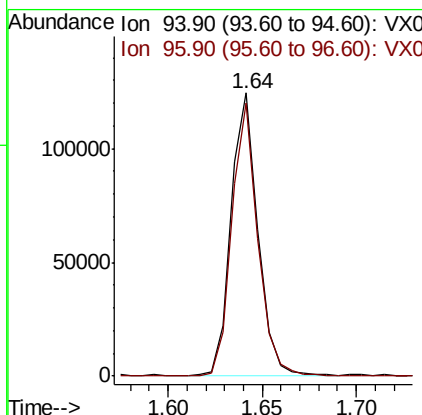
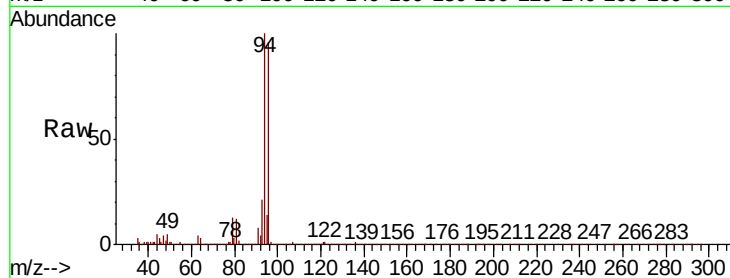
VX1224MBSD01

Tot Ion: 94 Resp: 121188

Ion Ratio Lower Upper

94 100

96 96.6 73.4 110.2



#6

Chloroethane

Concen: 21.624 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX006798.D

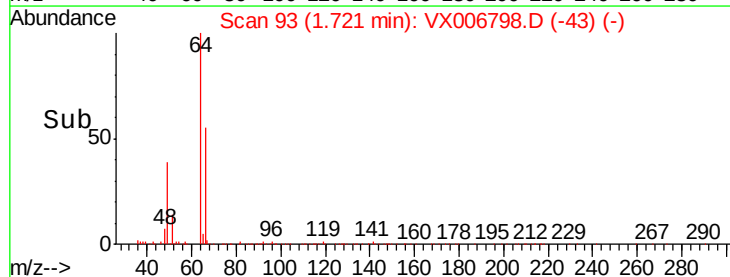
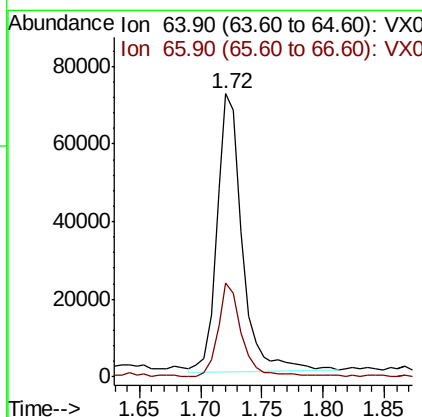
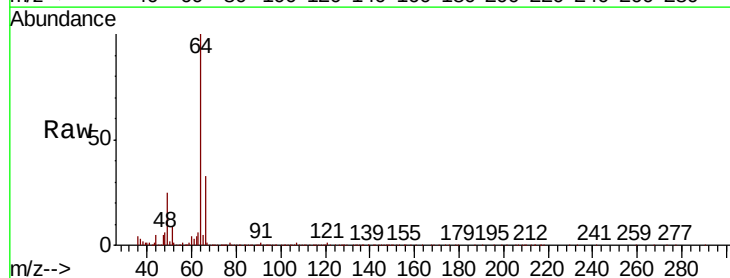
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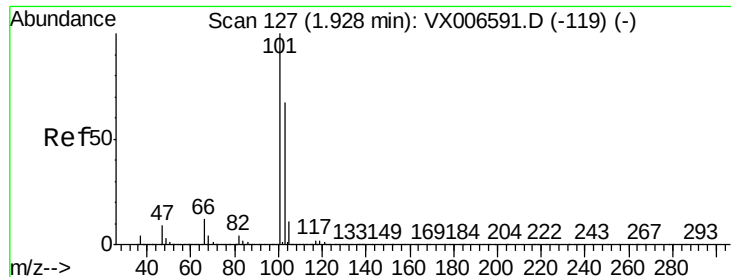
Tgt Ion: 64 Resp: 103085

Ion Ratio Lower Upper

64 100

66 33.9 26.4 39.6



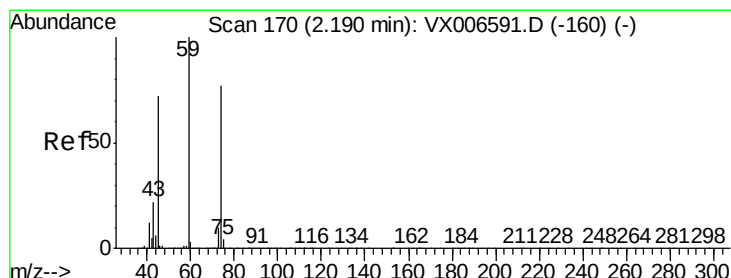
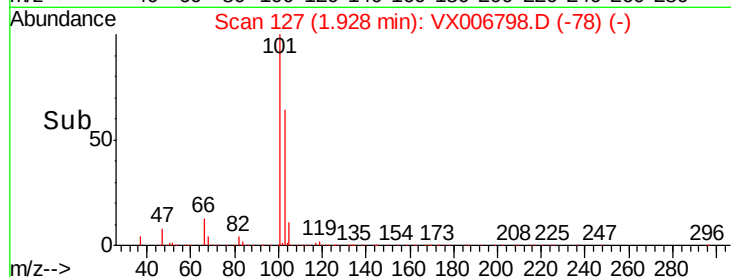
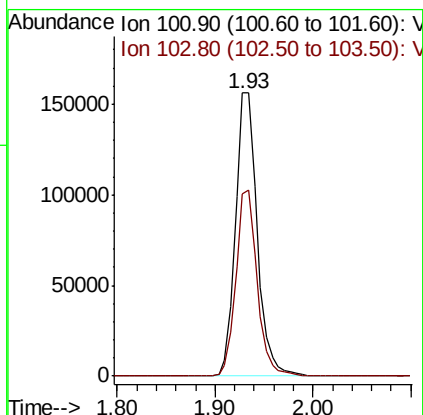
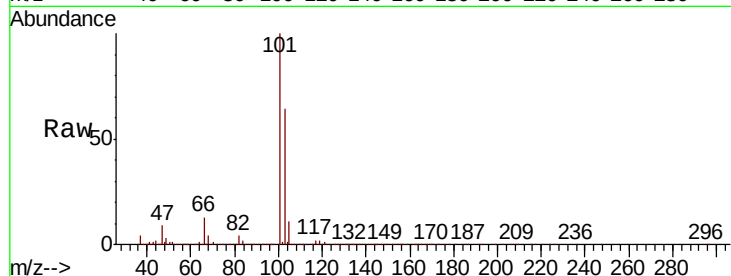


#7

Trichlorofluoromethane
Concen: 22.499 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX006798.D
Acq: 24 Dec 2018 16:38

Instrument :
MSVOA_X
ClientSampleId :
VX1224MBSD01

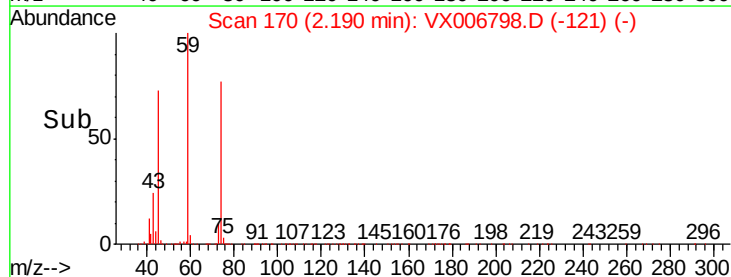
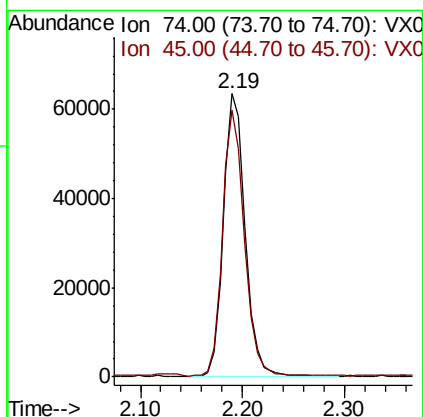
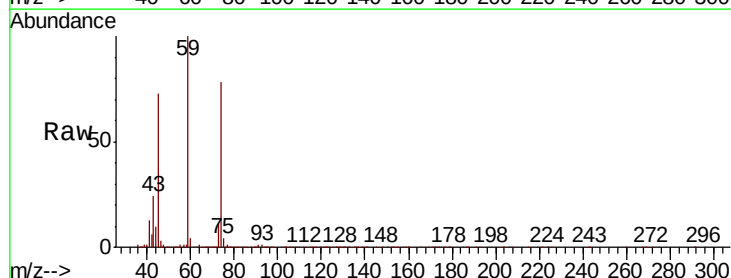
Tot Ion:101 Resp: 241507
Ion Ratio Lower Upper
101 100
103 64.3 53.2 79.8

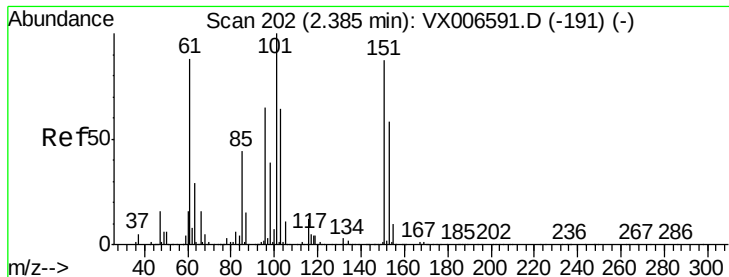


#8

Diethyl Ether
Concen: 21.987 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX006798.D
Acq: 24 Dec 2018 16:38

Tgt Ion: 74 Resp: 93739
Ion Ratio Lower Upper
74 100
45 93.9 46.3 138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.847 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX006798.D

Acq: 24 Dec 2018 16:38

Instrument :

MSVOA_X

ClientSampleId :

VX1224MBSD01

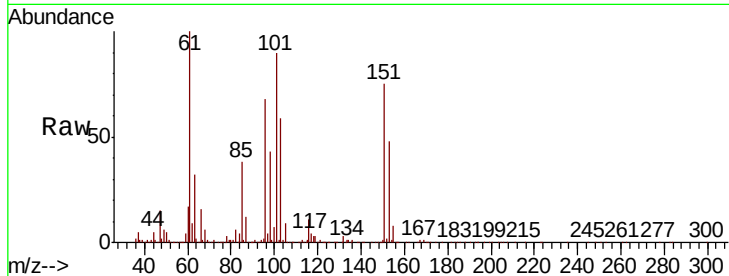
Tot Ion:101 Resp: 131387

Ion Ratio Lower Upper

101 100

85 43.5 35.1 52.7

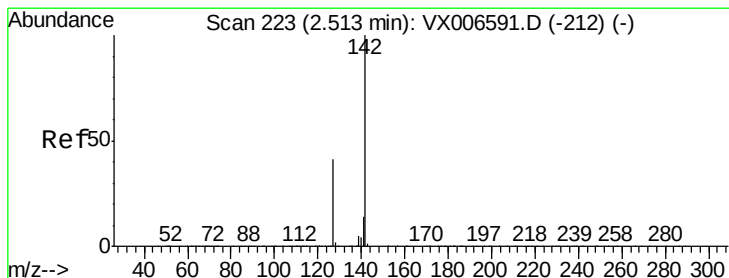
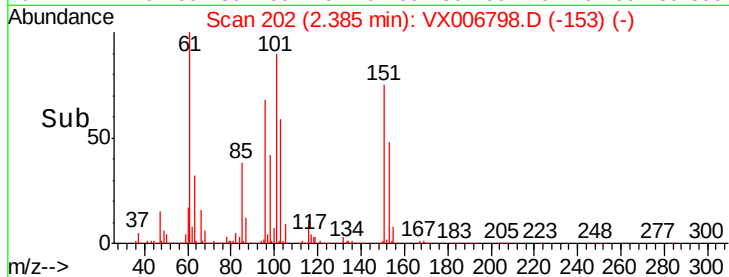
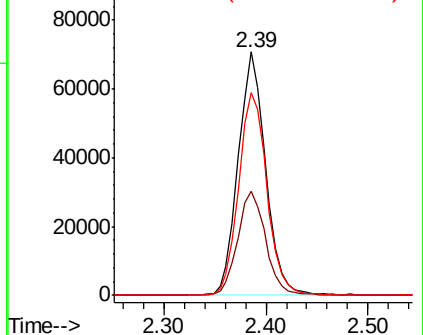
151 86.3 68.9 103.3



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: 20.951 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX006798.D

Acq: 24 Dec 2018 16:38

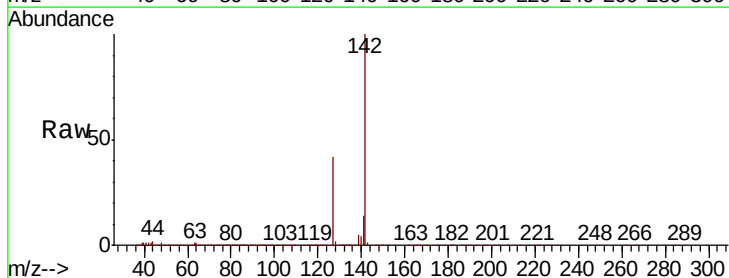
Tgt Ion:142 Resp: 189013

Ion Ratio Lower Upper

142 100

127 44.2 33.9 50.9

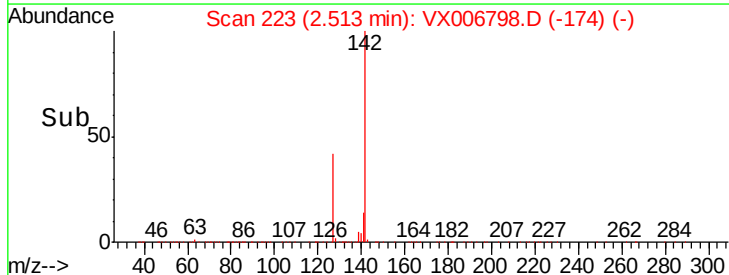
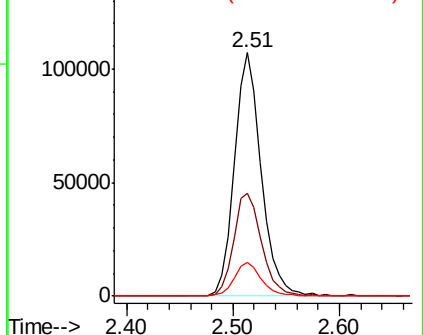
141 14.1 11.4 17.0

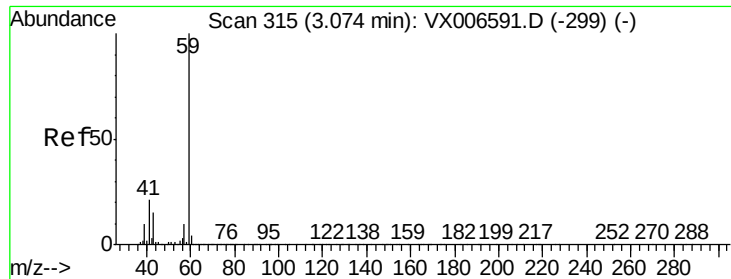


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



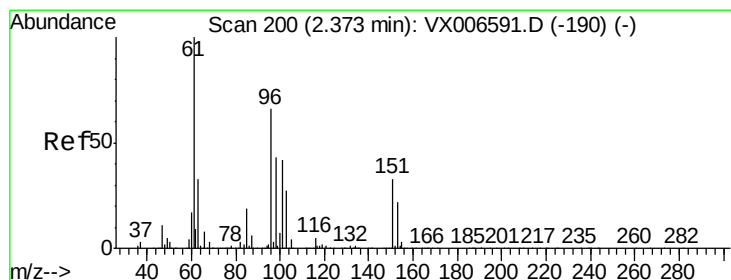
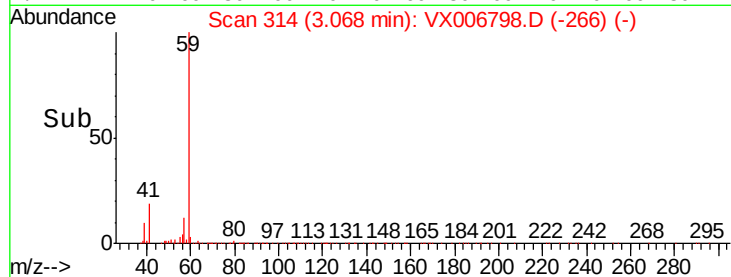
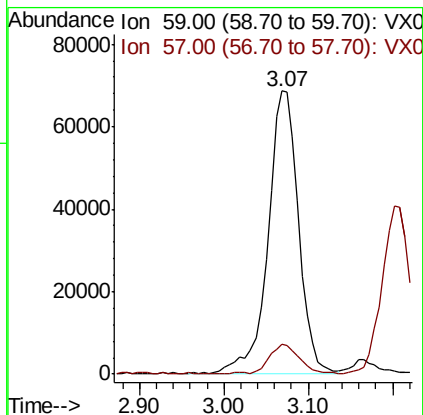
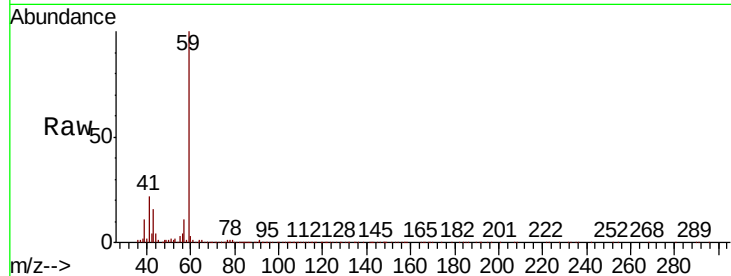


#11

Tert butyl alcohol
 Concen: 106.780 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX006798.D
 Acq: 24 Dec 2018 16:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1224MBSD01

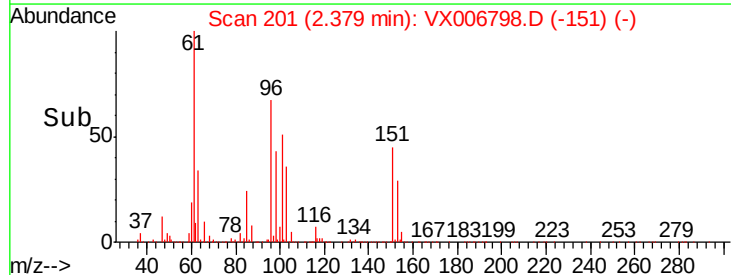
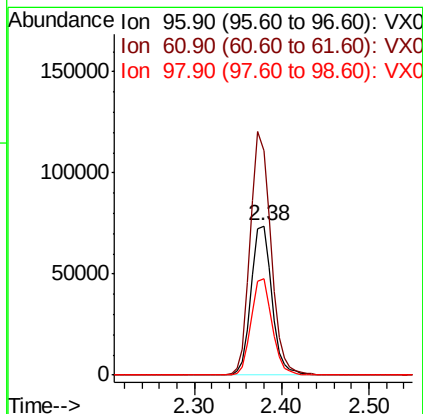
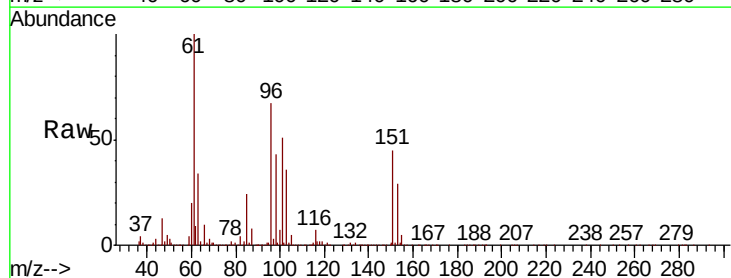
Tot Ion: 59 Resp: 171783
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.5 12.7

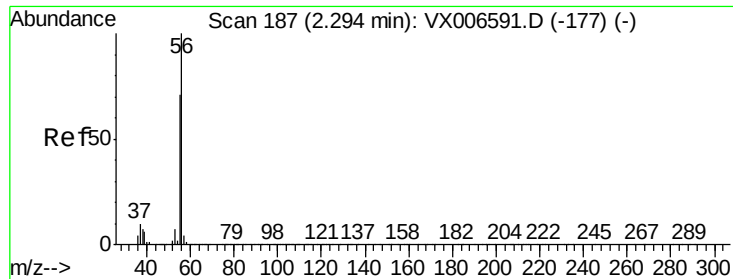


#12

1,1-Dichloroethene
 Concen: 20.304 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. 0.01 min
 Lab File: VX006798.D
 Acq: 24 Dec 2018 16:38

Tgt Ion: 96 Resp: 121335
 Ion Ratio Lower Upper
 96 100
 61 149.9 121.4 182.2
 98 64.2 51.9 77.9

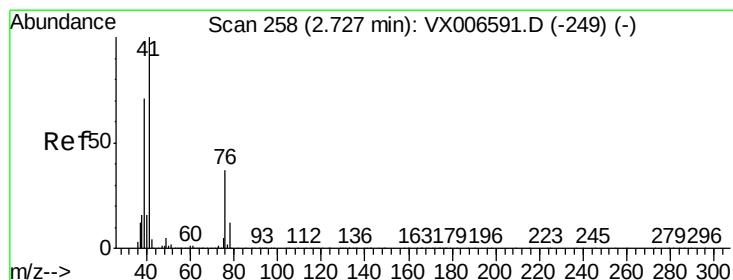
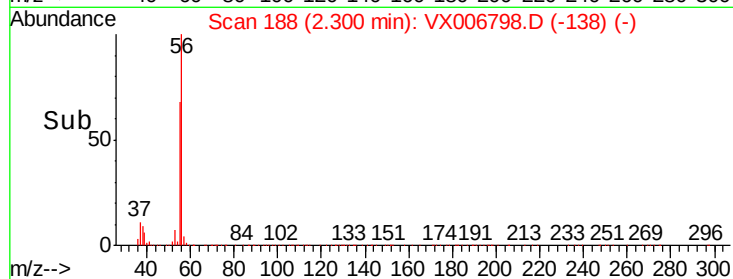
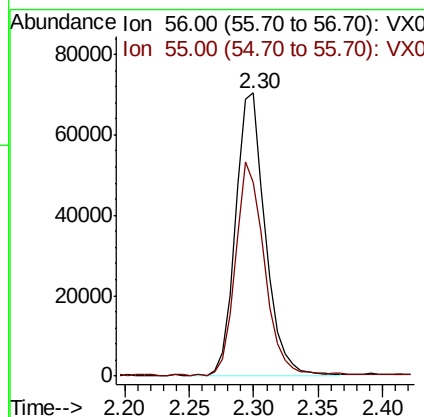
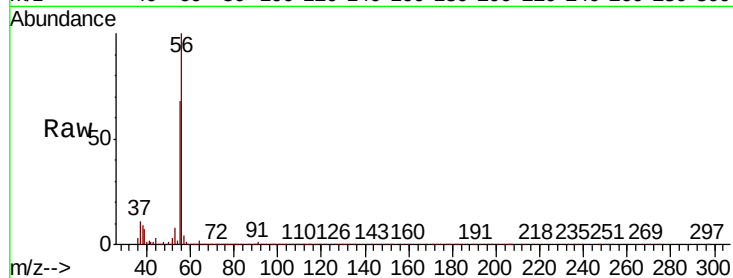




#13
Acrolein
Concen: 103.784 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX006798.D
Acq: 24 Dec 2018 16:38

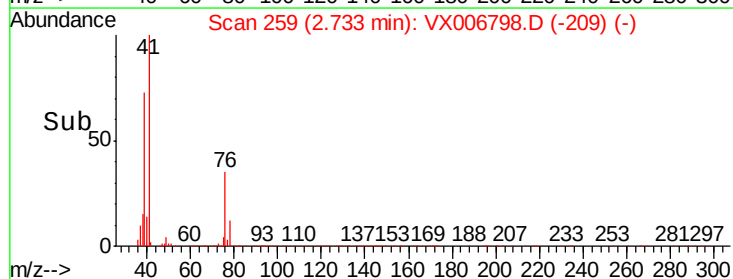
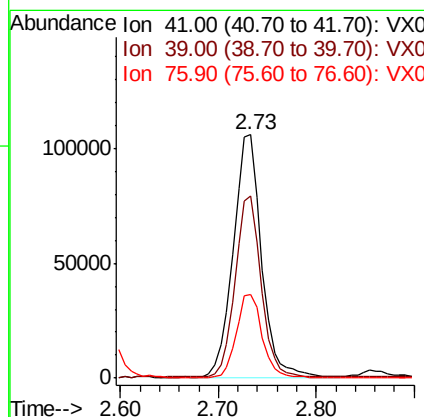
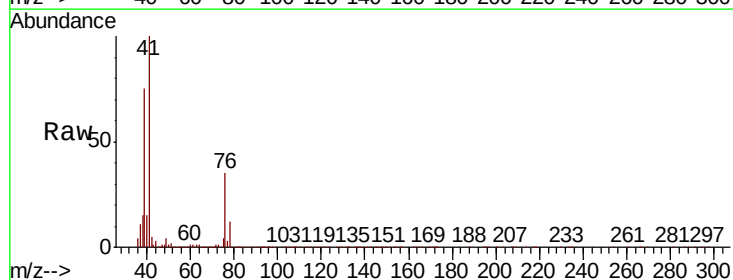
Instrument :
MSVOA_X
ClientSampleId :
VX1224MBSD01

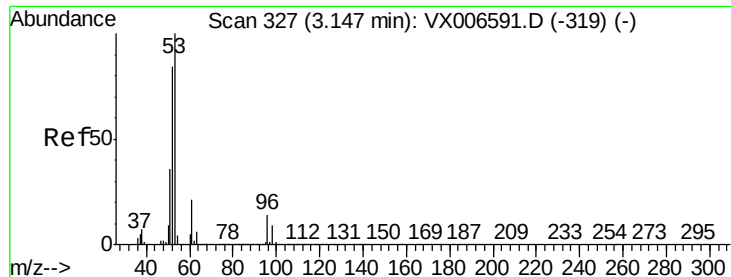
Tot Ion: 56 Resp: 112634
Ion Ratio Lower Upper
56 100
55 72.9 58.2 87.4



#14
Allyl chloride
Concen: 21.005 ug/l
RT: 2.73 min Scan# 259
Delta R.T. 0.01 min
Lab File: VX006798.D
Acq: 24 Dec 2018 16:38

Tgt Ion: 41 Resp: 211285
Ion Ratio Lower Upper
41 100
39 68.5 53.6 80.4
76 32.1 27.4 41.2





#15

Acrylonitrile

Concen: 108.924 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX006798.D

Acq: 24 Dec 2018 16:38

Instrument :

MSVOA_X

ClientSampleId :

VX1224MBSD01

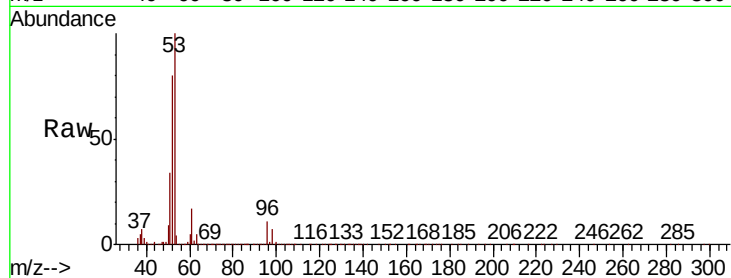
Tot Ion: 53 Resp: 389067

Ion Ratio Lower Upper

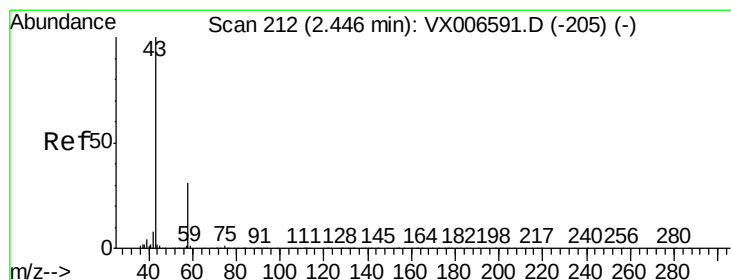
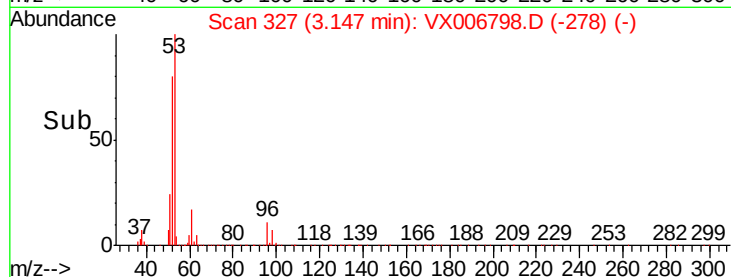
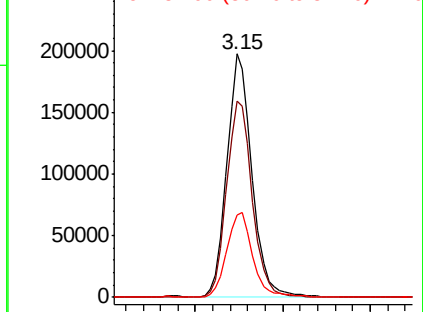
53 100

52 83.3 66.0 99.0

51 36.1 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: 105.064 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006798.D

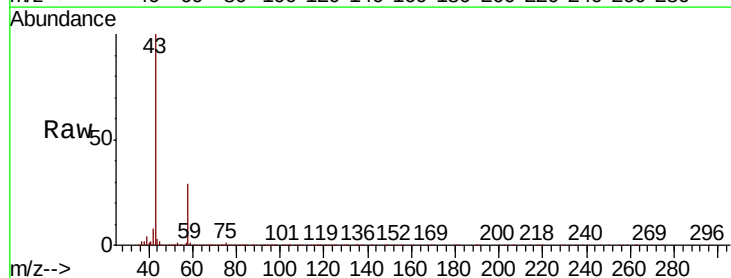
Acq: 24 Dec 2018 16:38

Tgt Ion: 43 Resp: 347955

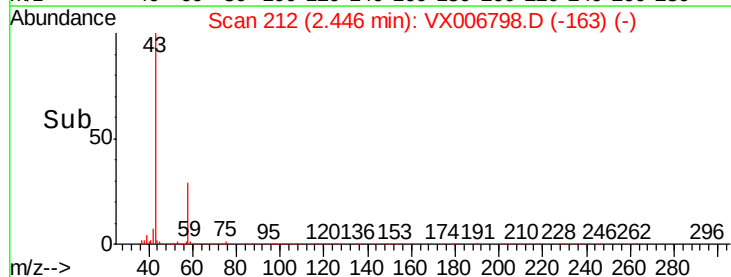
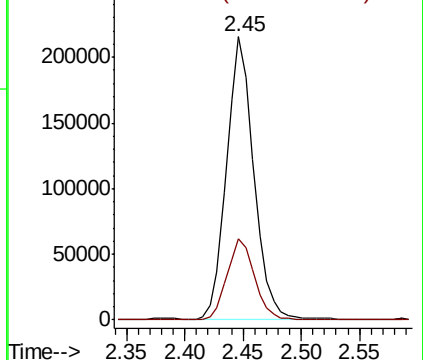
Ion Ratio Lower Upper

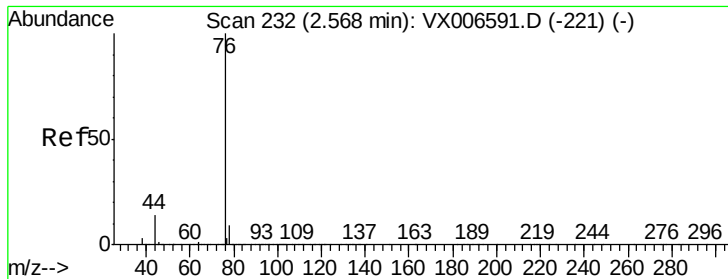
43 100

58 28.6 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: 15.218 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX006798.D

Acq: 24 Dec 2018 16:38

Instrument :

MSVOA_X

ClientSampleId :

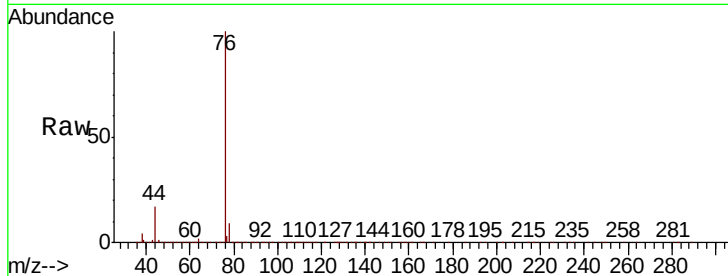
VX1224MBSD01

Tot Ion: 76 Resp: 240667

Ion Ratio Lower Upper

76 100

78 9.2 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

150000

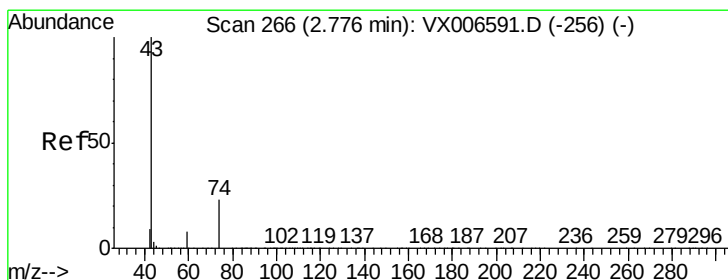
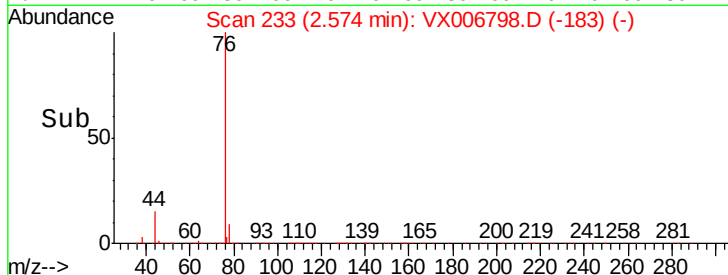
100000

50000

0

2.50 2.60 2.70

Time-->



#18

Methyl Acetate

Concen: 24.002 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX006798.D

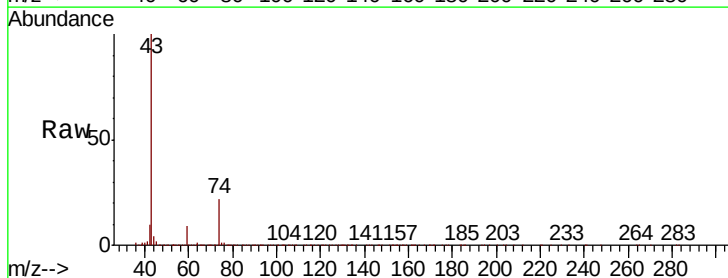
Acq: 24 Dec 2018 16:38

Tgt Ion: 43 Resp: 233739

Ion Ratio Lower Upper

43 100

74 22.7 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

150000

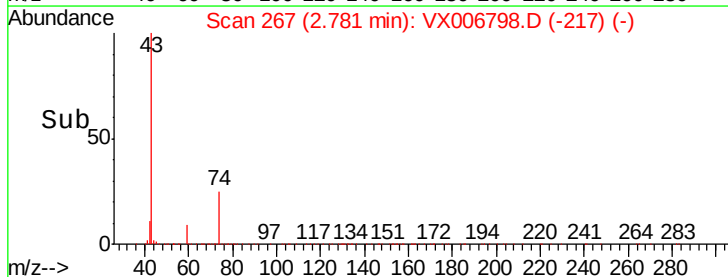
100000

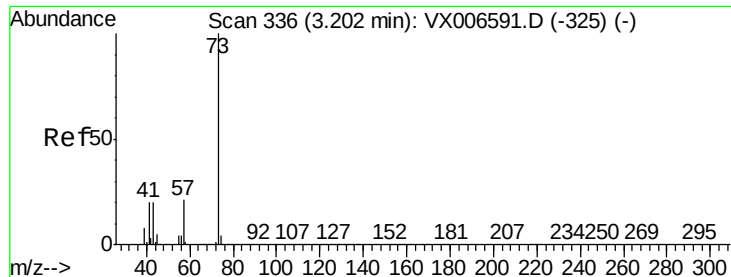
50000

0

2.70 2.80

Time-->



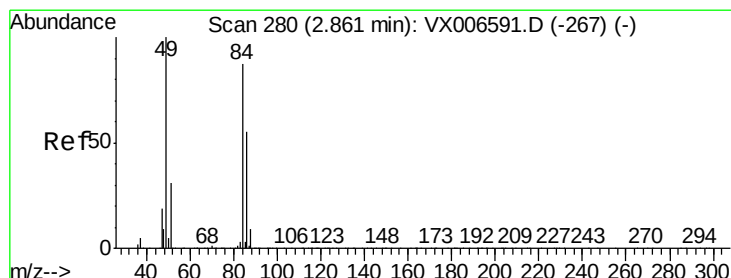
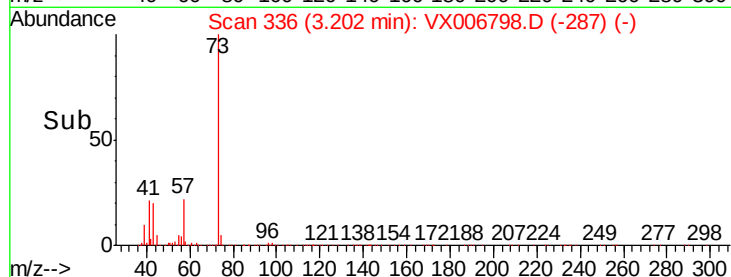
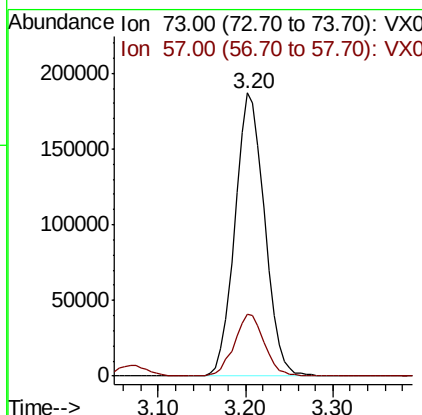
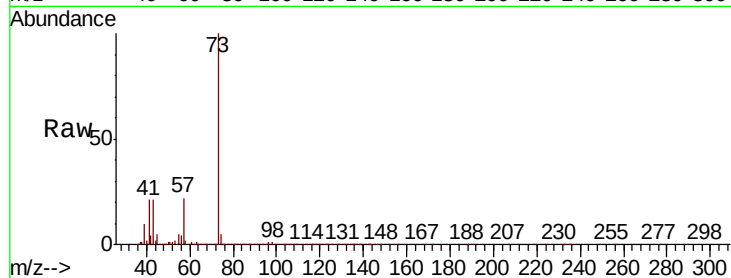


#19

Methyl tert-butyl Ether
 Concen: 22.164 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX006798.D
 Acq: 24 Dec 2018 16:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1224MBSD01

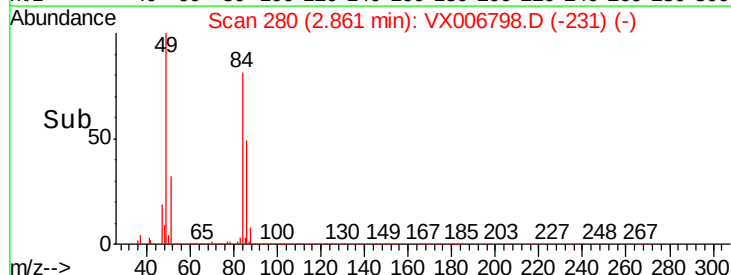
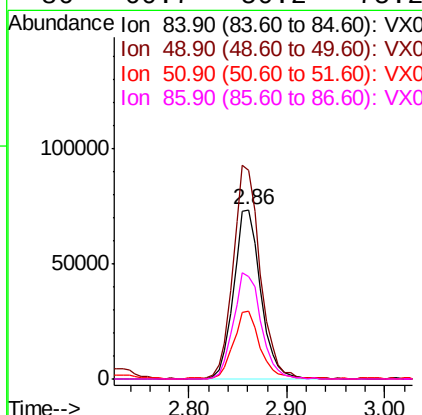
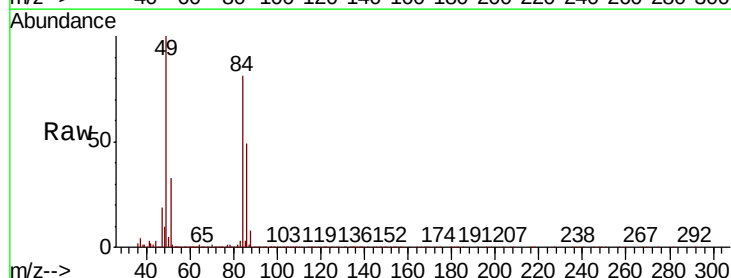
Tot Ion: 73 Resp: 439605
 Ion Ratio Lower Upper
 73 100
 57 21.7 16.8 25.2

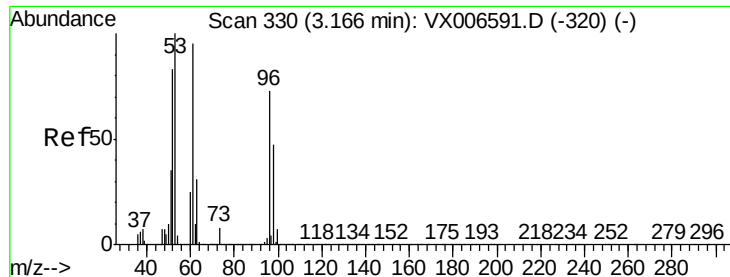


#20

Methylene Chloride
 Concen: 20.542 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. -0.00 min
 Lab File: VX006798.D
 Acq: 24 Dec 2018 16:38

Tgt Ion: 84 Resp: 140680
 Ion Ratio Lower Upper
 84 100
 49 123.2 91.8 137.6
 51 39.9 28.5 42.7
 86 60.7 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 18.858 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006798.D

Acq: 24 Dec 2018 16:38

Instrument :

MSVOA_X

ClientSampleId :

VX1224MBSD01

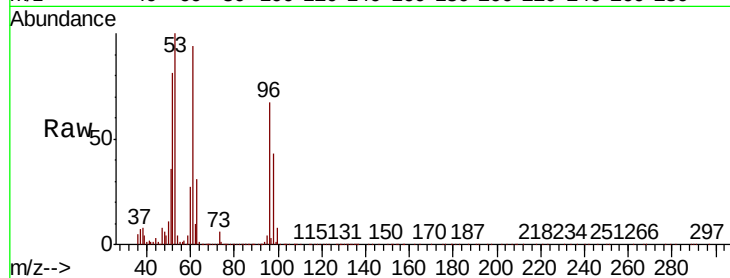
Tot Ion: 96 Resp: 124867

Ion Ratio Lower Upper

96 100

61 139.1 103.7 155.5

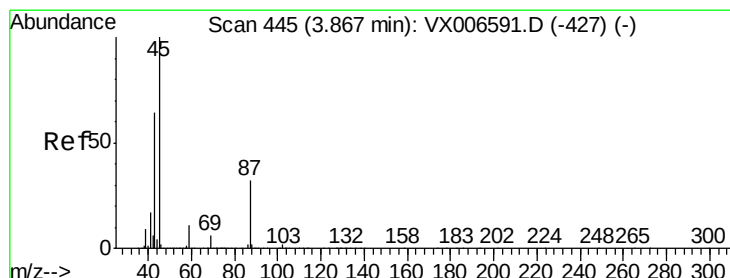
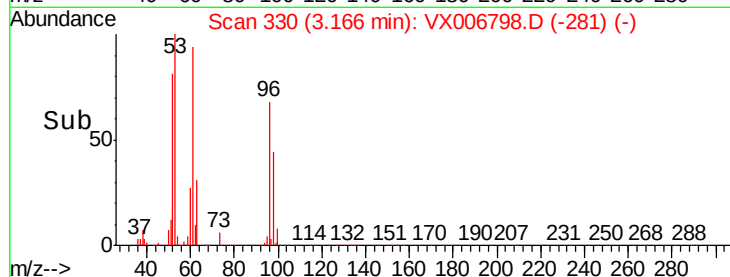
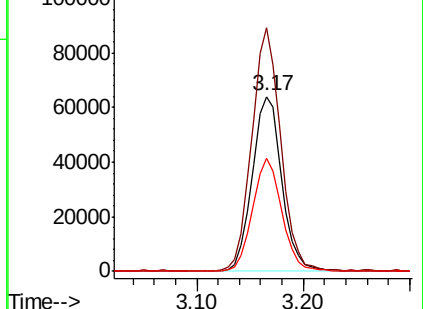
98 64.3 51.0 76.6



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: 20.839 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX006798.D

Acq: 24 Dec 2018 16:38

Tgt Ion: 45 Resp: 383487

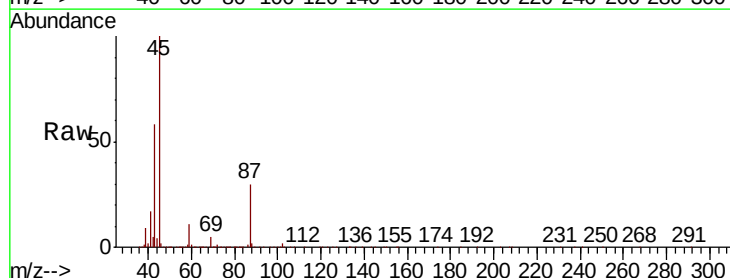
Ion Ratio Lower Upper

45 100

43 57.7 51.2 76.8

87 29.6 25.8 38.6

59 10.8 9.0 13.4

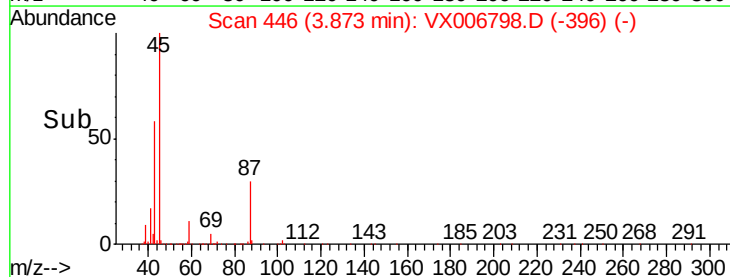
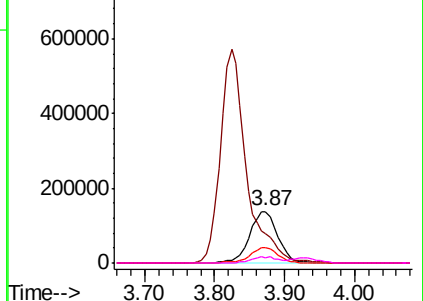


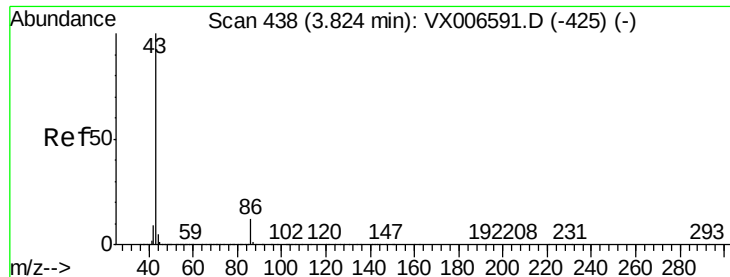
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 98.847 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX006798.D

Acq: 24 Dec 2018 16:38

Instrument :

MSVOA_X

ClientSampleId :

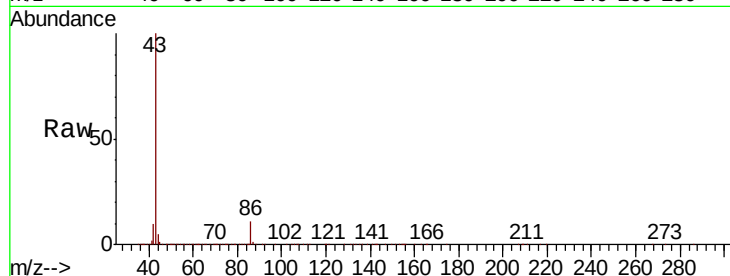
VX1224MBSD01

Tot Ion: 43 Resp: 1487892

Ion Ratio Lower Upper

43 100

86 10.9 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

600000

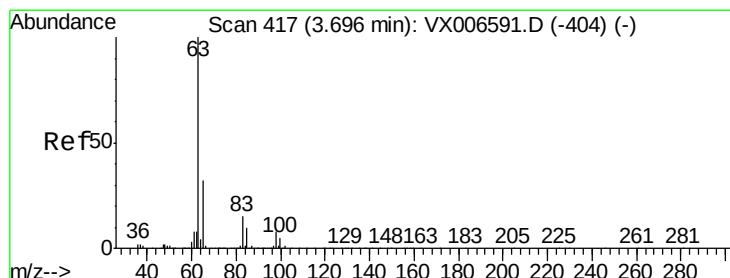
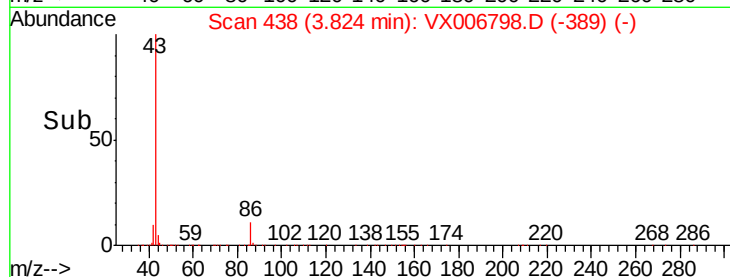
400000

200000

0

3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 18.665 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX006798.D

Acq: 24 Dec 2018 16:38

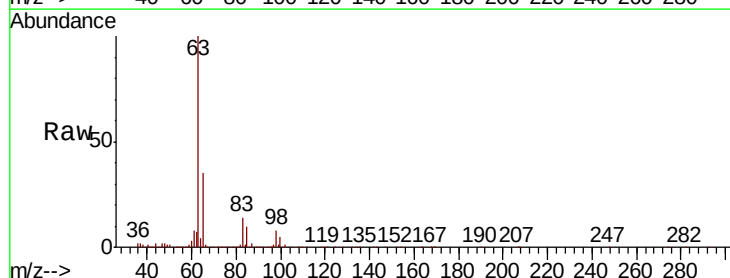
Tgt Ion: 63 Resp: 205043

Ion Ratio Lower Upper

63 100

98 7.5 3.9 11.5

100 5.0 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

120000

100000

80000

60000

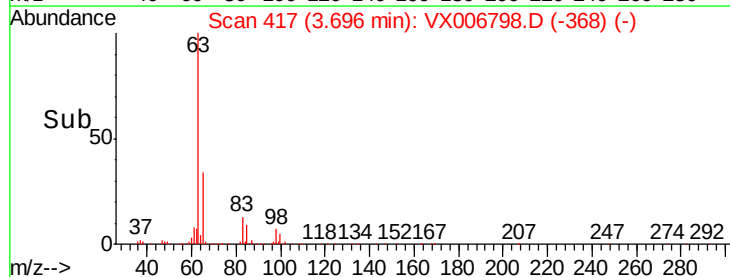
40000

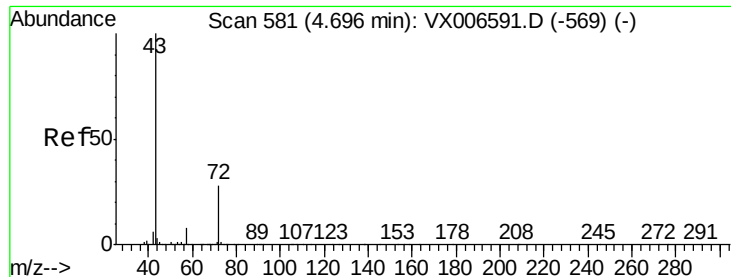
20000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 98.081 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX006798.D

Acq: 24 Dec 2018 16:38

Instrument :

MSVOA_X

ClientSampleId :

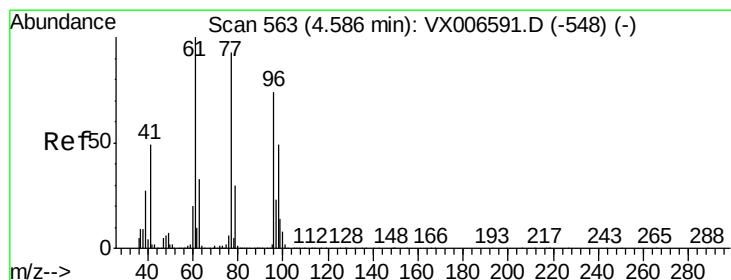
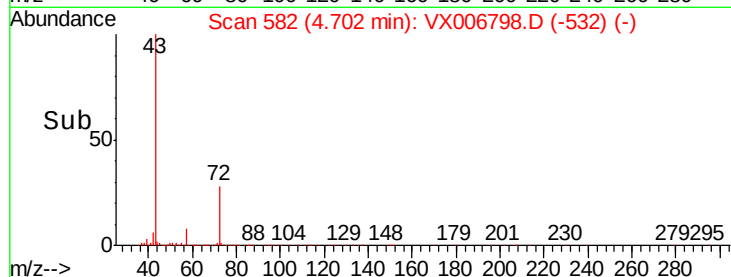
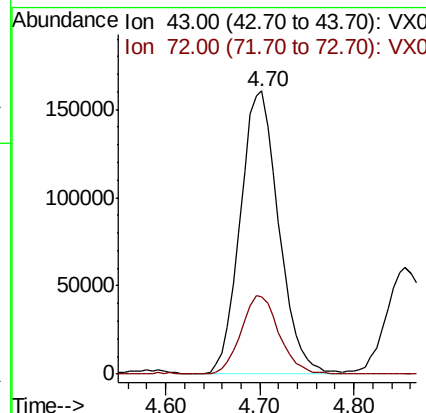
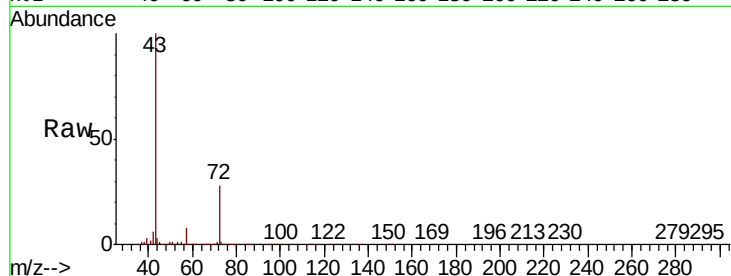
VX1224MBSD01

Tot Ion: 43 Resp: 456910

Ion Ratio Lower Upper

43 100

72 27.4 22.4 33.6



#26

2,2-Dichloropropane

Concen: 16.158 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX006798.D

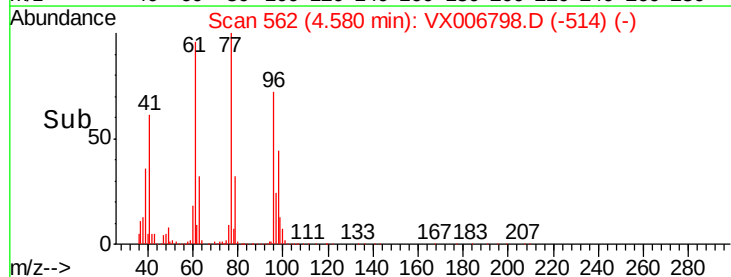
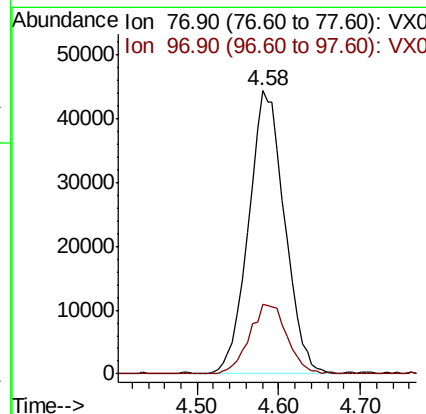
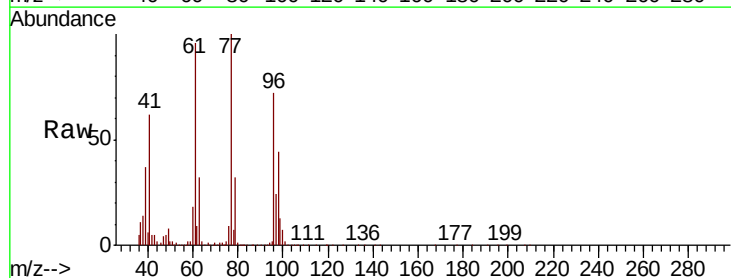
Acq: 24 Dec 2018 16:38

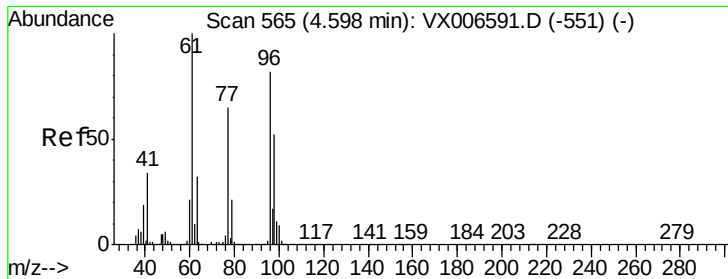
Tgt Ion: 77 Resp: 137111

Ion Ratio Lower Upper

77 100

97 25.5 12.4 37.4



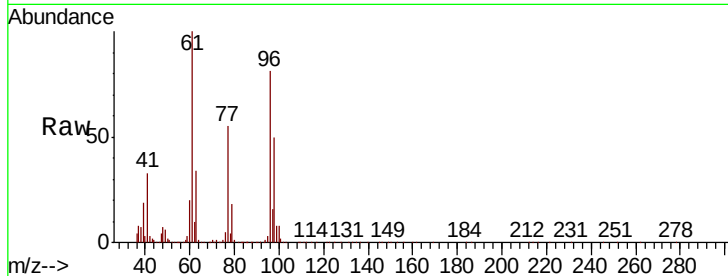


#27

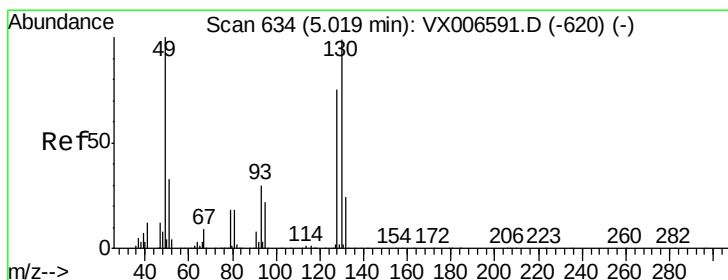
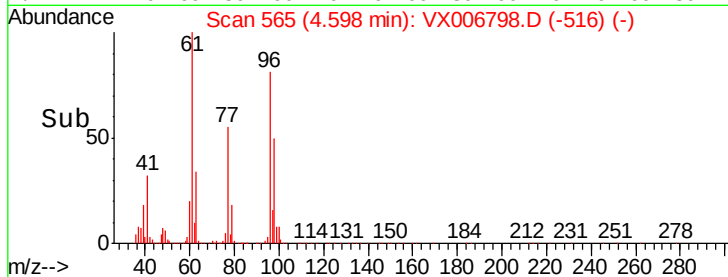
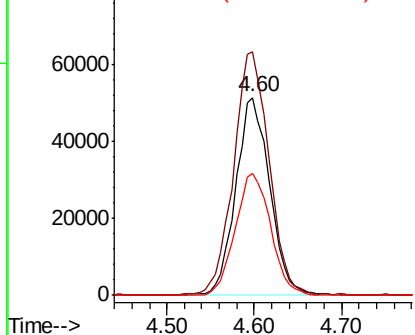
cis-1,2-Dichloroethene
Concen: 19.023 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX006798.D
Acq: 24 Dec 2018 16:38

Instrument :
MSVOA_X
ClientSampleId :
VX1224MBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	129.2	0.0	258.6
98	64.5	0.0	132.0



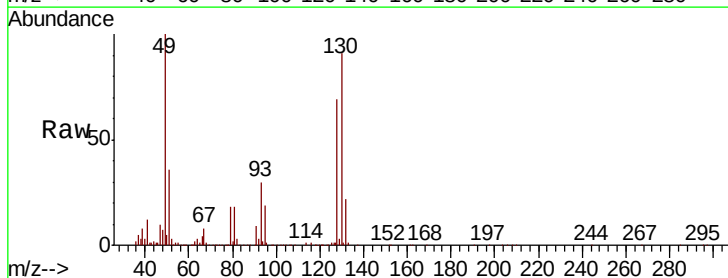
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



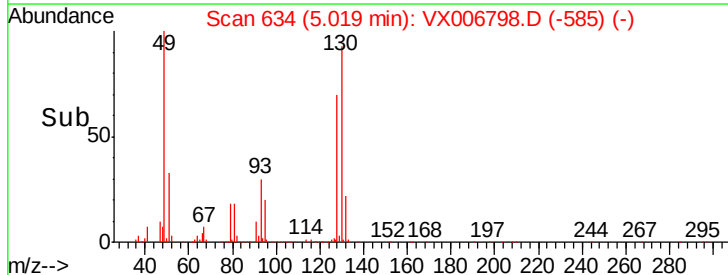
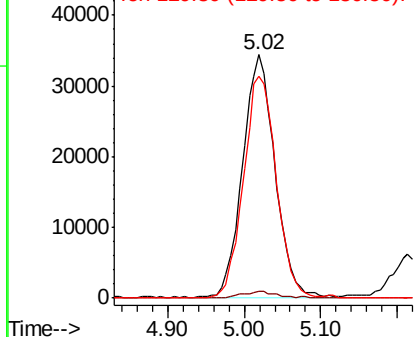
#28

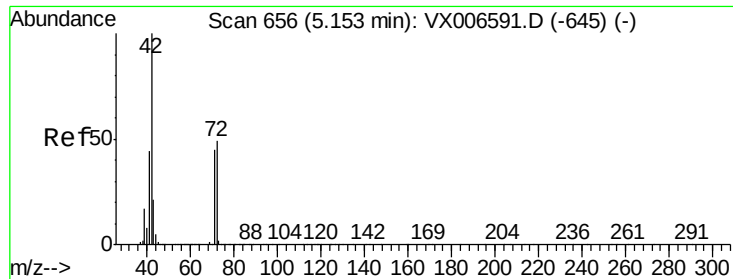
Bromochloromethane
Concen: 20.631 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX006798.D
Acq: 24 Dec 2018 16:38

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.1	0.0	5.4
130	92.9	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: 101.413 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX006798.D

Acq: 24 Dec 2018 16:38

Instrument :

MSVOA_X

ClientSampleId :

VX1224MBSD01

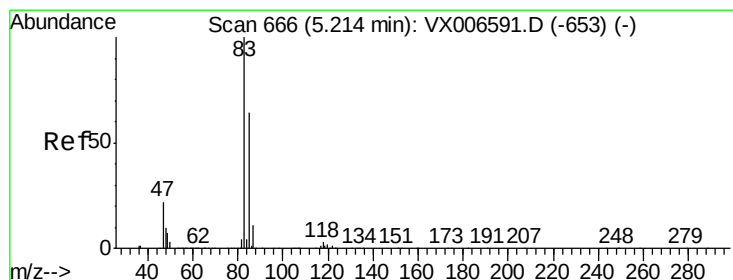
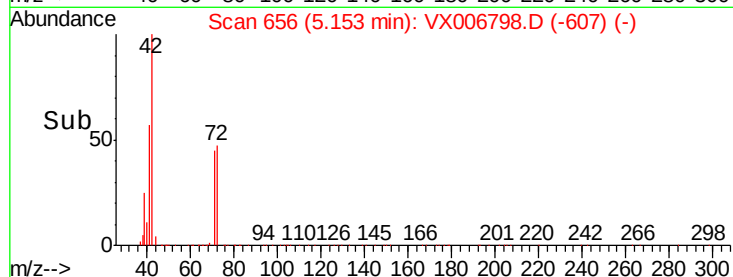
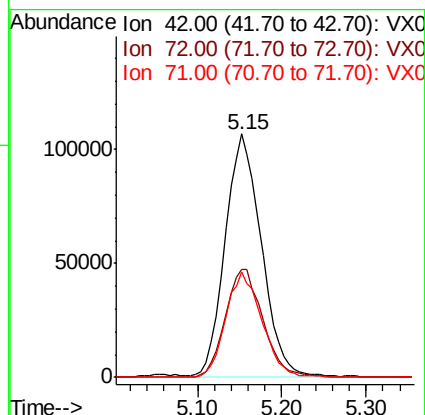
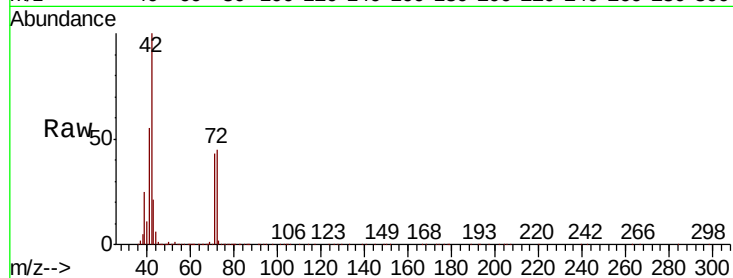
Tot Ion: 42 Resp: 311159

Ion Ratio Lower Upper

42 100

72 46.6 38.9 58.3

71 43.2 36.2 54.4



#30

Chloroform

Concen: 18.780 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX006798.D

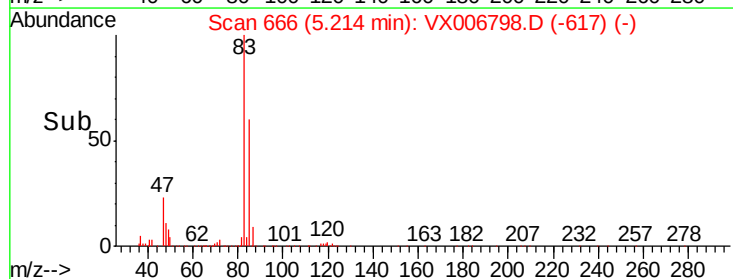
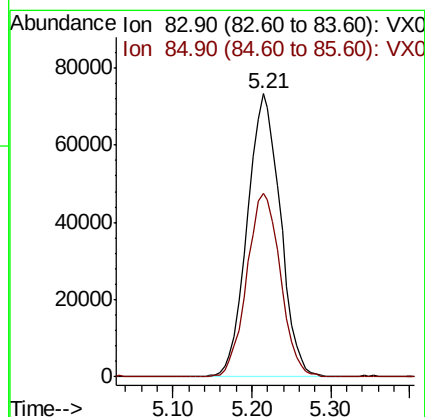
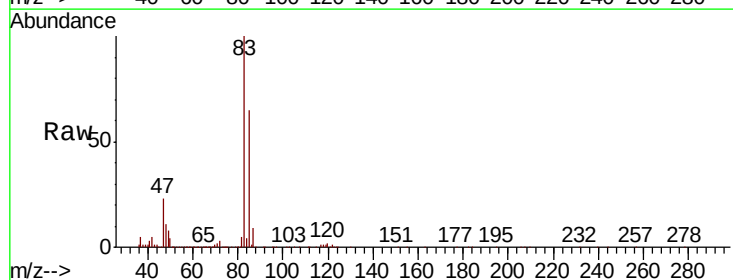
Acq: 24 Dec 2018 16:38

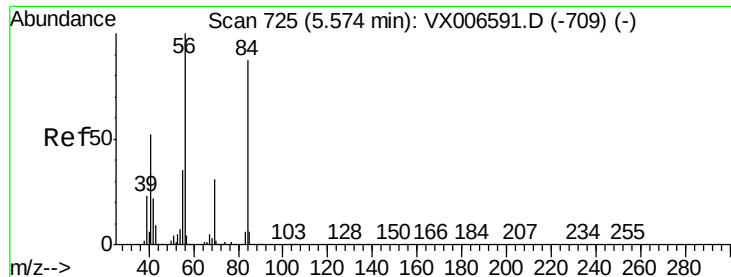
Tgt Ion: 83 Resp: 213637

Ion Ratio Lower Upper

83 100

85 64.8 51.2 76.8

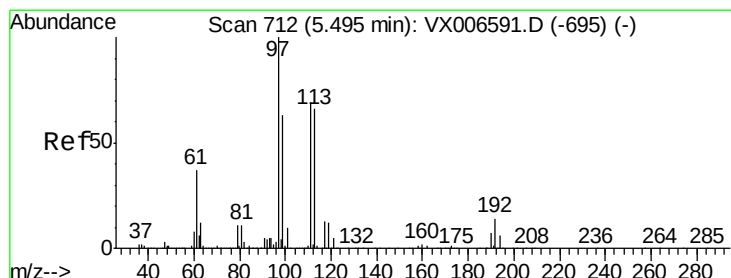
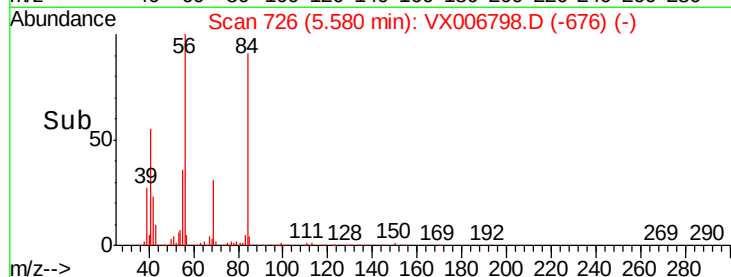
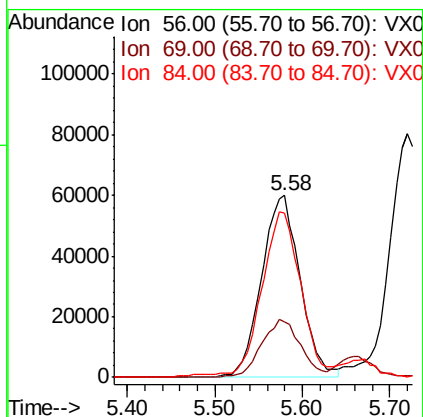
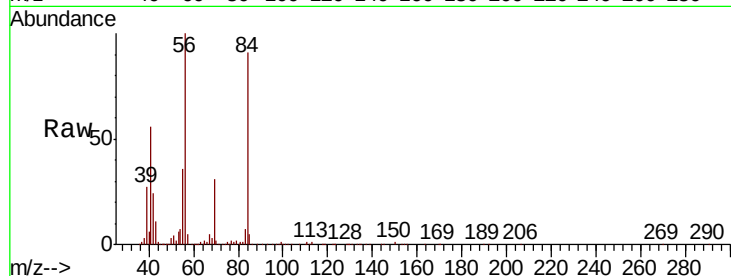




#31
Cyclohexane
Concen: 18.507 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX006798.D
Acq: 24 Dec 2018 16:38

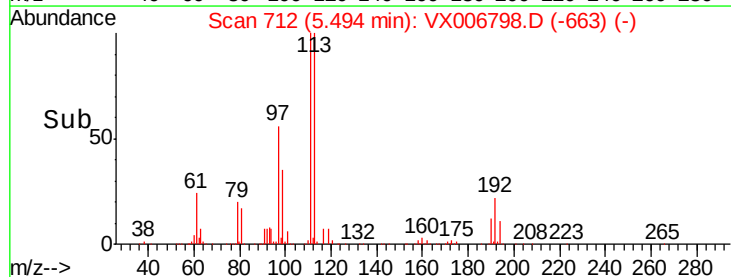
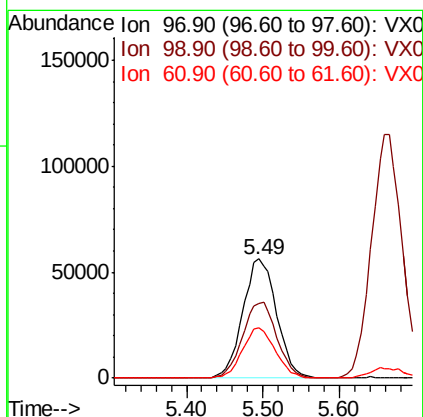
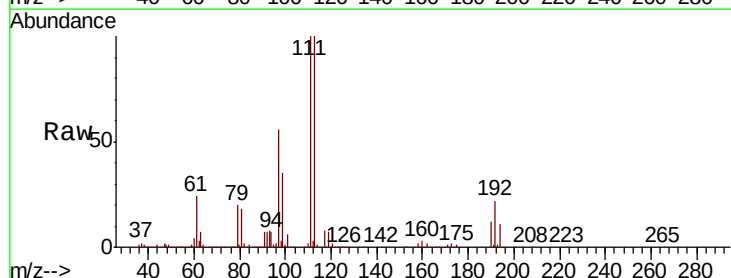
Instrument :
MSVOA_X
ClientSampleId :
VX1224MBSD01

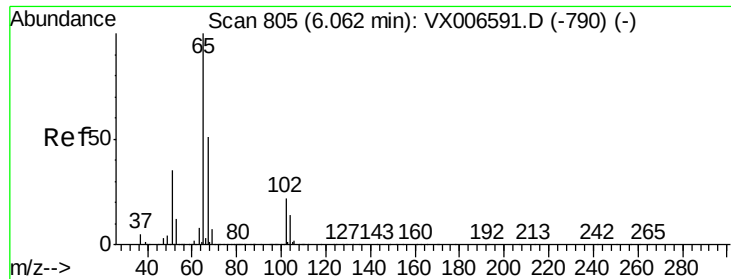
Tot Ion: 56 Resp: 184700
Ion Ratio Lower Upper
56 100
69 30.5 24.4 36.6
84 89.7 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 17.968 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX006798.D
Acq: 24 Dec 2018 16:38

Tgt Ion: 97 Resp: 172598
Ion Ratio Lower Upper
97 100
99 65.0 51.7 77.5
61 41.2 31.3 46.9

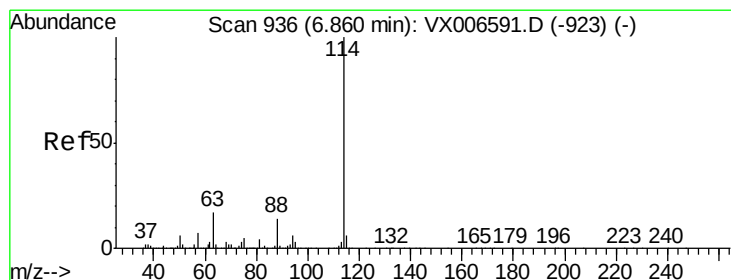
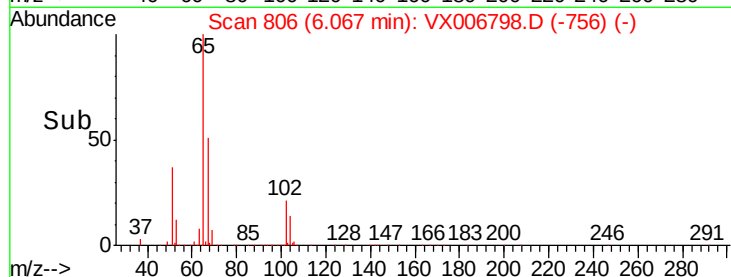
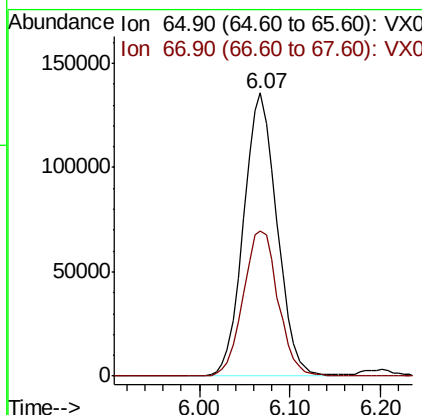
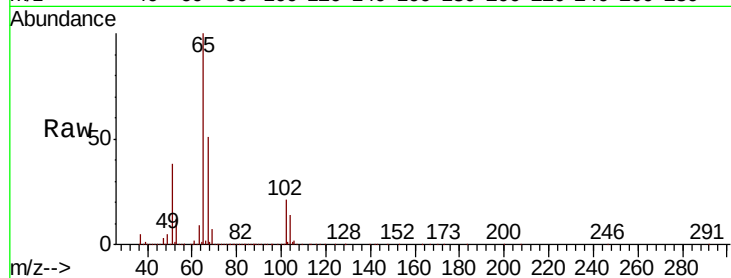




#33
 1,2-Dichloroethane-d4
 Concen: 47.991 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: VX006798.D
 Acq: 24 Dec 2018 16:38

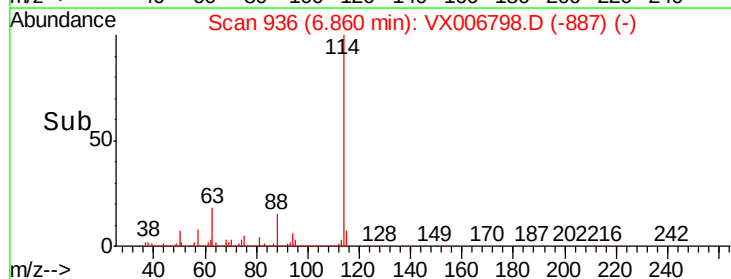
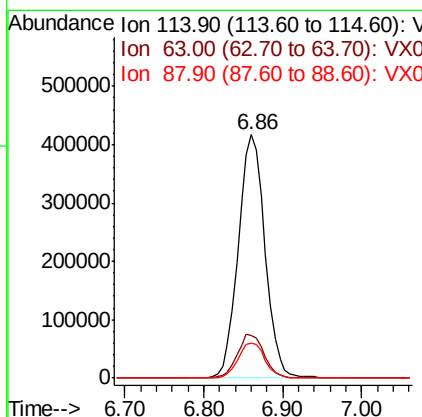
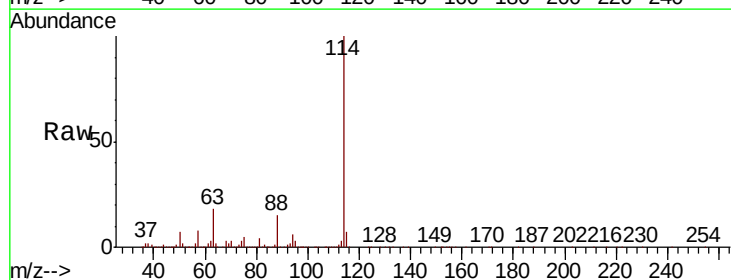
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1224MBSD01

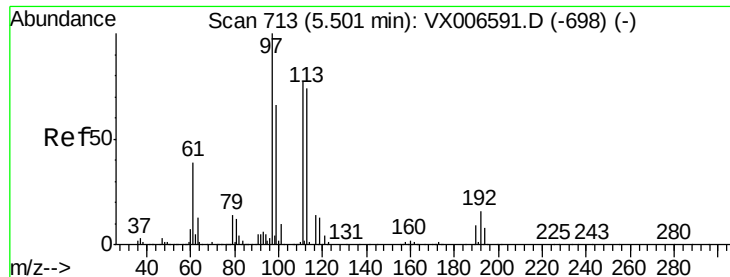
Tot Ion: 65 Resp: 345947
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX006798.D
 Acq: 24 Dec 2018 16:38

Tgt Ion: 114 Resp: 982761
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 34.8
 88 14.5 0.0 28.8





#35

Dibromofluoromethane

Concen: 48.405 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006798.D

Acq: 24 Dec 2018 16:38

Instrument :

MSVOA_X

ClientSampleId :

VX1224MBSD01

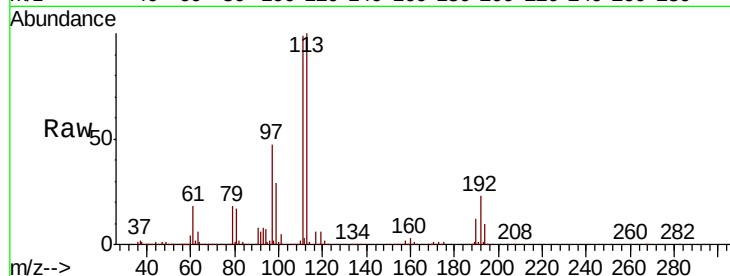
Tot Ion:113 Resp: 300827

Ion Ratio Lower Upper

113 100

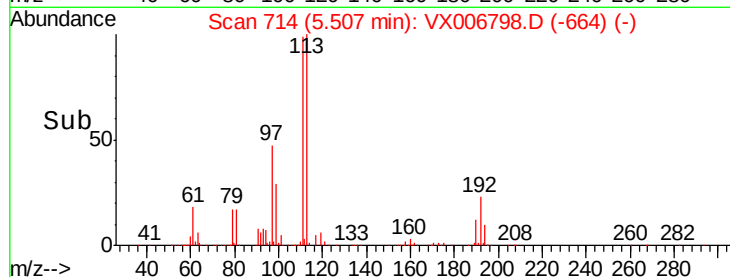
111 102.5 81.6 122.4

192 23.7 16.7 25.1

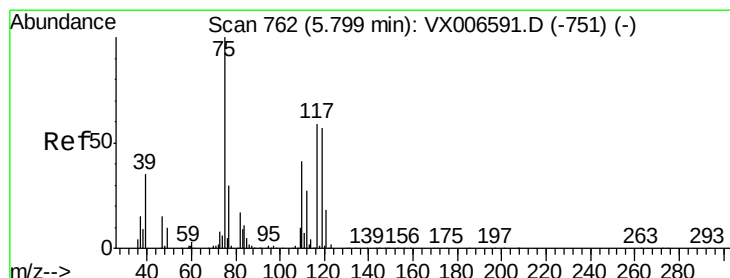


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

5.51



Time-->



#36

1,1-Dichloropropene

Concen: 19.103 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX006798.D

Acq: 24 Dec 2018 16:38

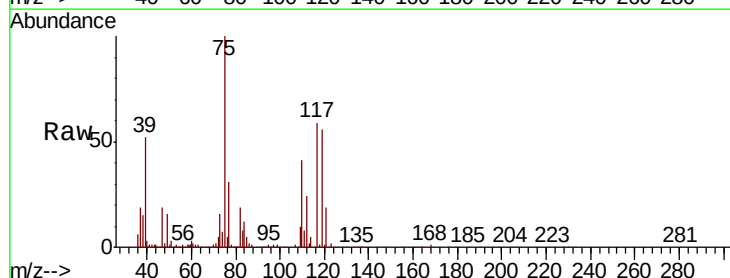
Tgt Ion: 75 Resp: 155486

Ion Ratio Lower Upper

75 100

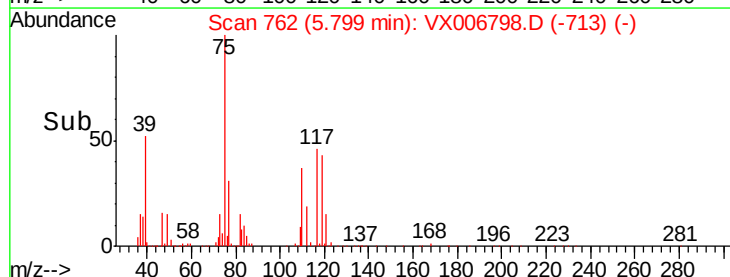
110 40.3 20.2 60.5

77 30.8 24.8 37.2

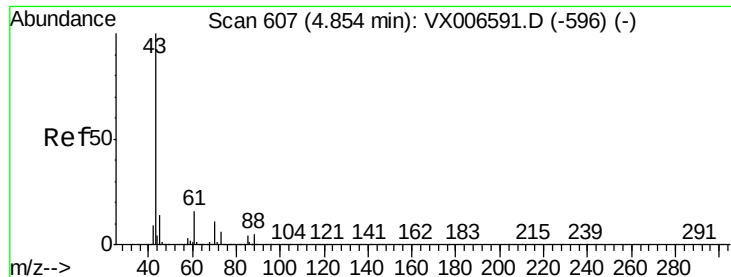


Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VX0

5.80



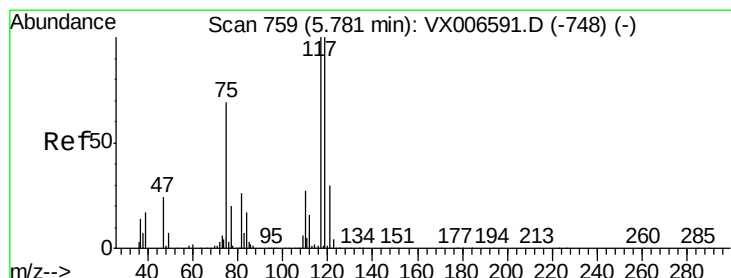
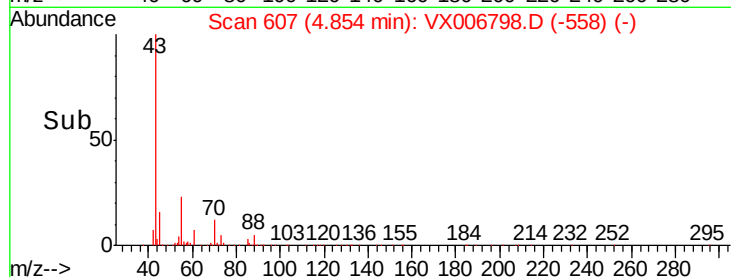
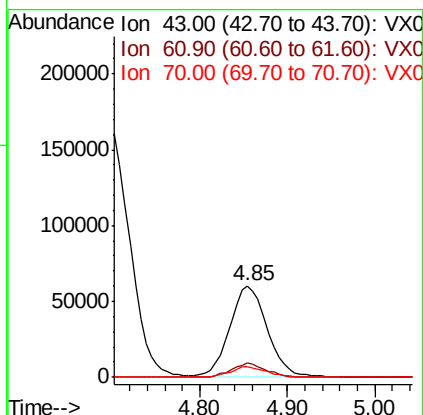
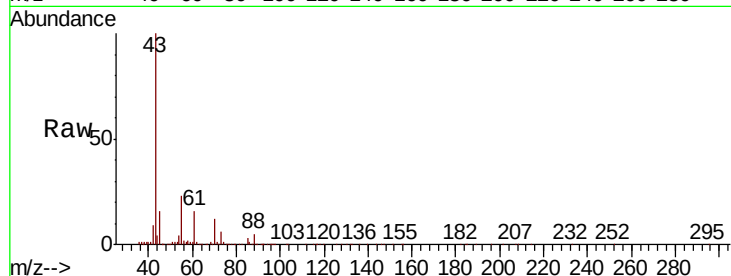
Time-->



#37
Ethyl Acetate
Concen: 20.921 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX006798.D
Acq: 24 Dec 2018 16:38

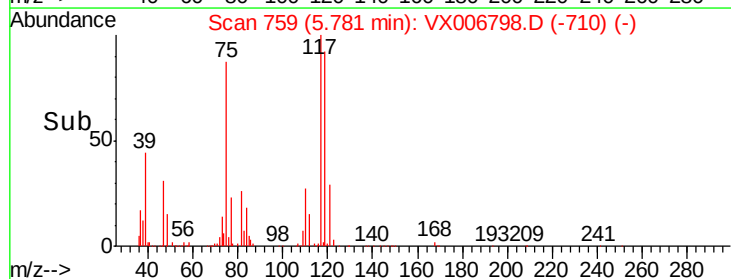
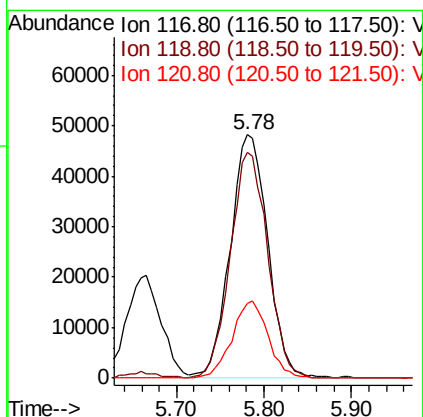
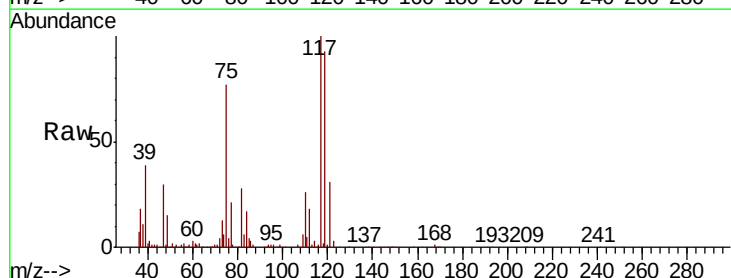
Instrument :
MSVOA_X
ClientSampleId :
VX1224MBSD01

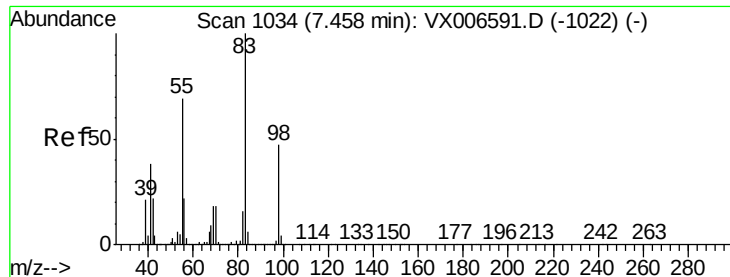
Tot Ion: 43 Resp: 177241
Ion Ratio Lower Upper
43 100
61 14.4 11.9 17.9
70 11.5 9.7 14.5



#38
Carbon Tetrachloride
Concen: 18.228 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX006798.D
Acq: 24 Dec 2018 16:38

Tgt Ion: 117 Resp: 144186
Ion Ratio Lower Upper
117 100
119 92.6 79.4 119.2
121 30.7 24.0 36.0

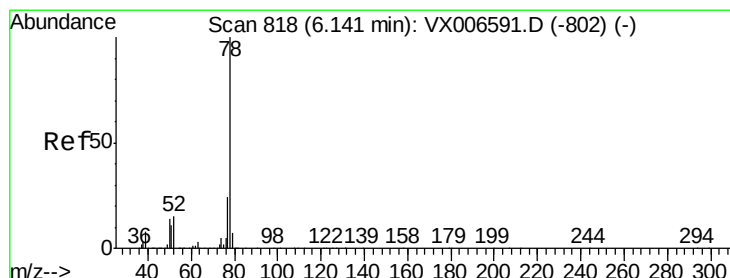
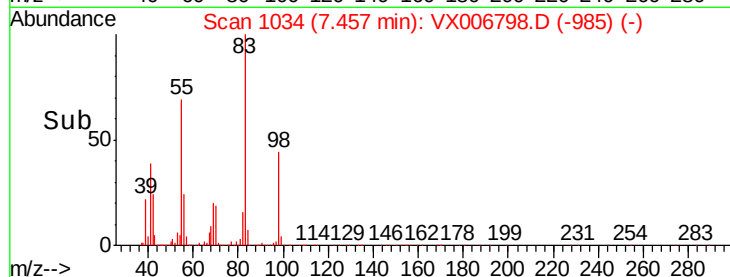
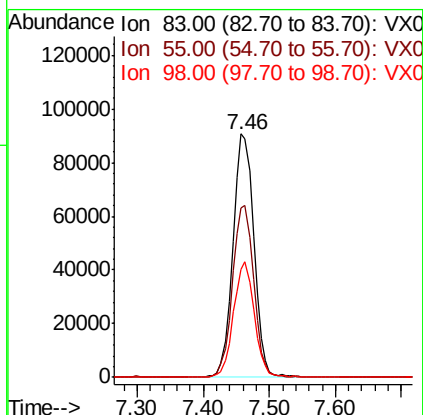
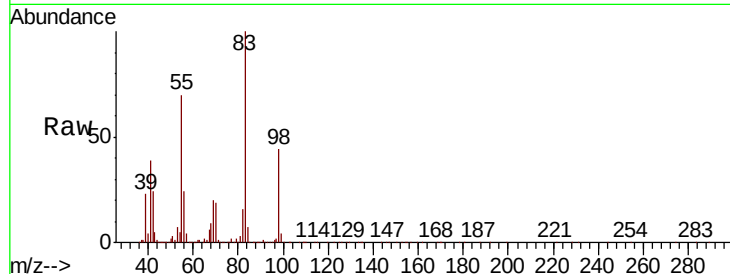




#39
Methylvlcyclohexane
Concen: 18.622 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX006798.D
Acq: 24 Dec 2018 16:38

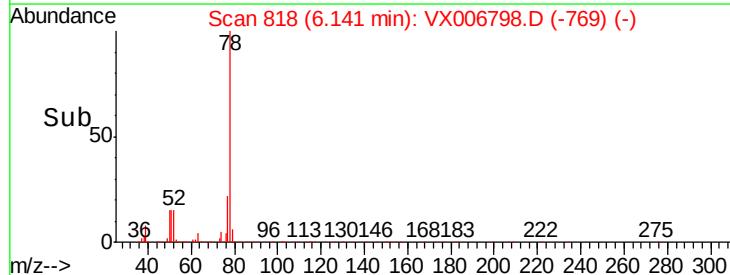
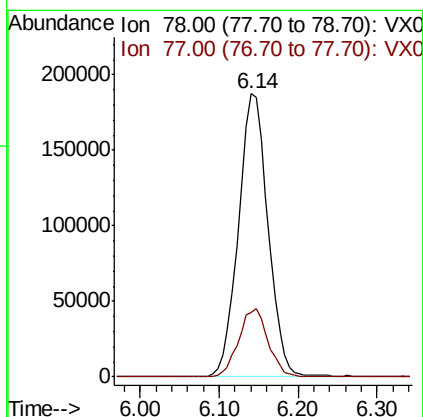
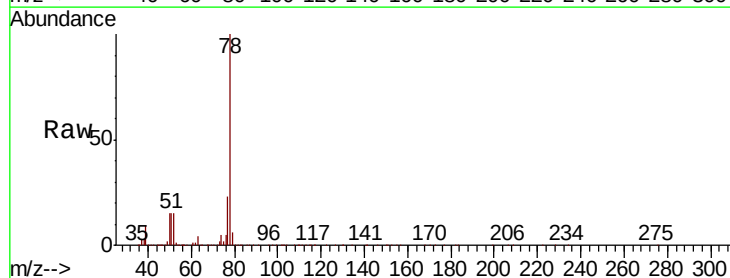
Instrument :
MSVOA_X
ClientSampleId :
VX1224MBSD01

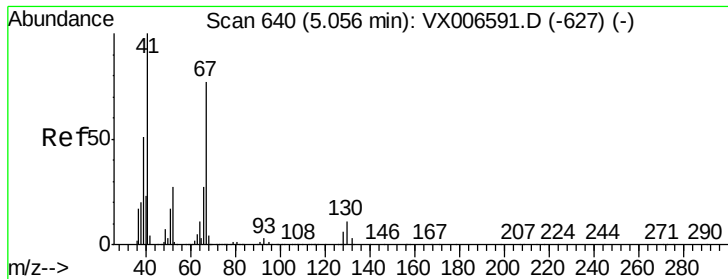
Tot Ion	83	Resp	199554
Ion Ratio	Lower	Upper	
83	100		
55	69.6	54.9	82.3
98	44.4	37.9	56.9



#40
Benzene
Concen: 19.744 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX006798.D
Acq: 24 Dec 2018 16:38

Tgt Ion	78	Resp	488501
Ion Ratio	Lower	Upper	
78	100		
77	22.6	19.2	28.8





#41

Methacrylonitrile

Concen: 22.566 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.00 min

Lab File: VX006798.D

Acq: 24 Dec 2018 16:38

Instrument :

MSVOA_X

ClientSampleId :

VX1224MBSD01

Tot Ion: 41 Resp: 101497

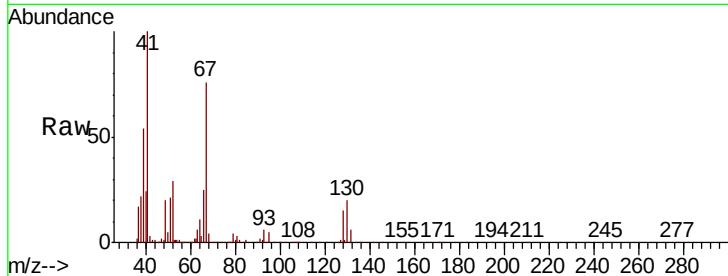
Ion Ratio Lower Upper

41 100

39 54.7 42.8 64.2

67 74.1 62.1 93.1

52 29.1 23.4 35.0

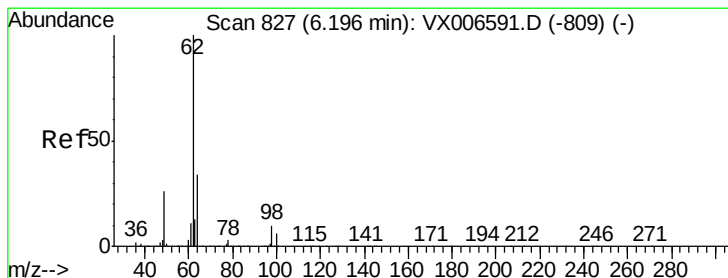
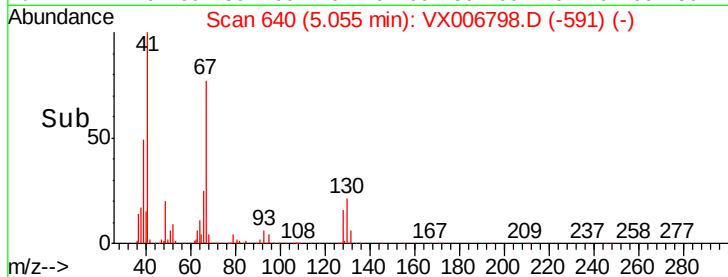
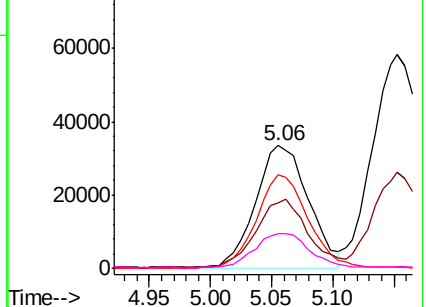


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 19.712 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX006798.D

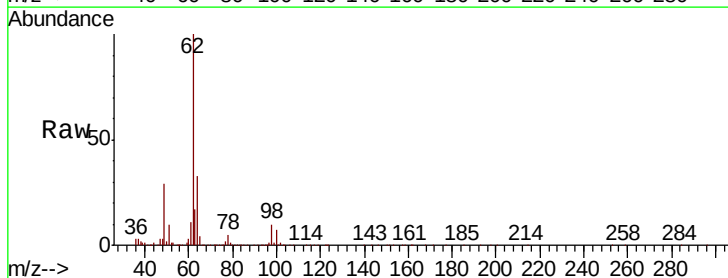
Acq: 24 Dec 2018 16:38

Tgt Ion: 62 Resp: 166186

Ion Ratio Lower Upper

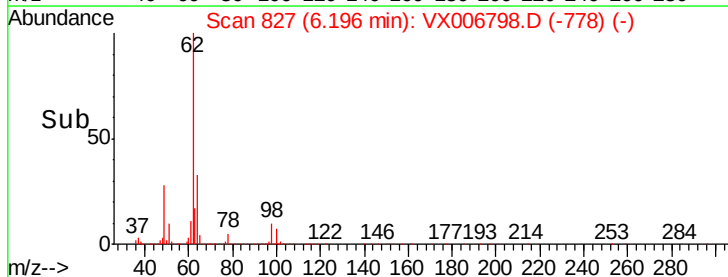
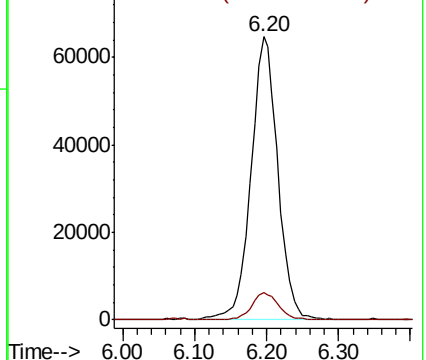
62 100

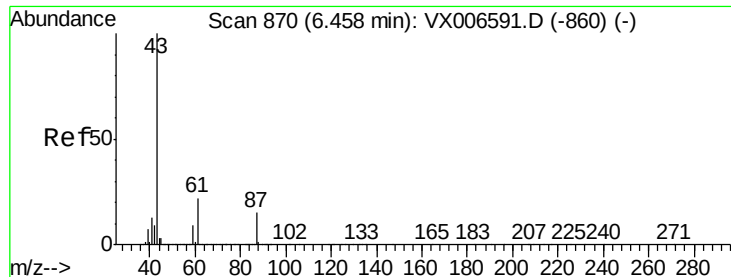
98 9.8 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 21.522 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX006798.D

Acq: 24 Dec 2018 16:38

Instrument :

MSVOA_X

ClientSampleId :

VX1224MBSD01

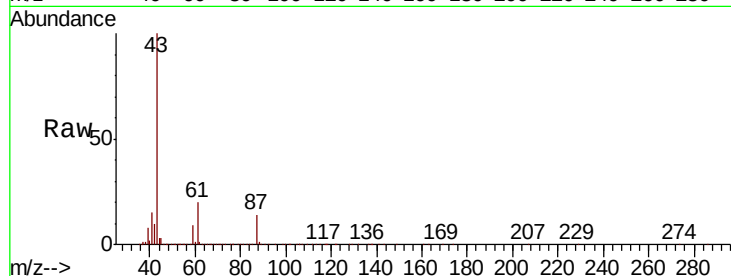
Tot Ion: 43 Resp: 277426

Ion Ratio Lower Upper

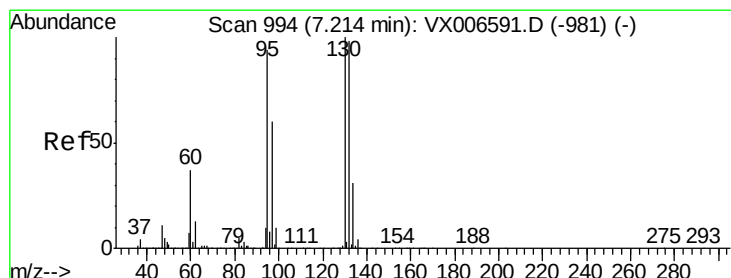
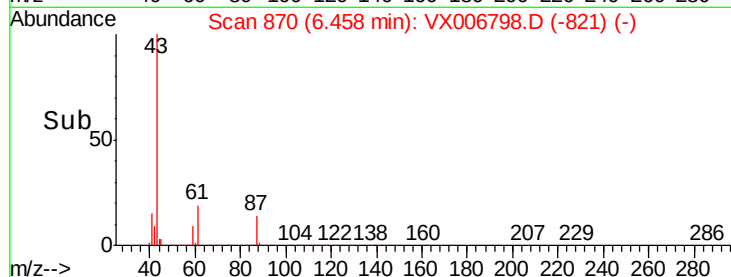
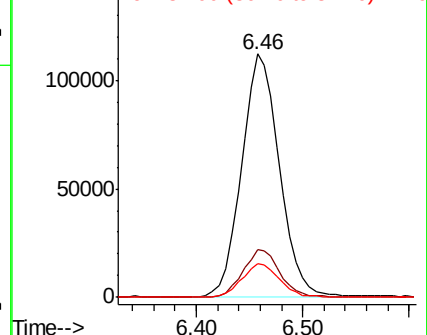
43 100

61 19.2 16.8 25.2

87 13.8 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: 19.376 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX006798.D

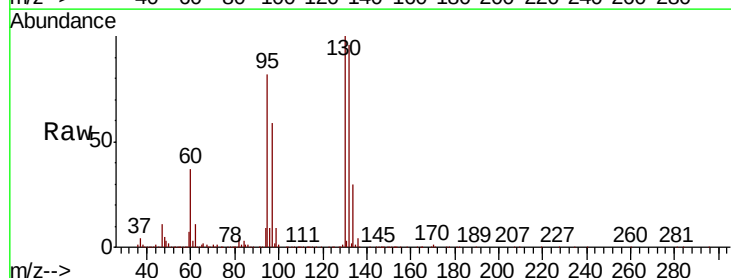
Acq: 24 Dec 2018 16:38

Tgt Ion:130 Resp: 145095

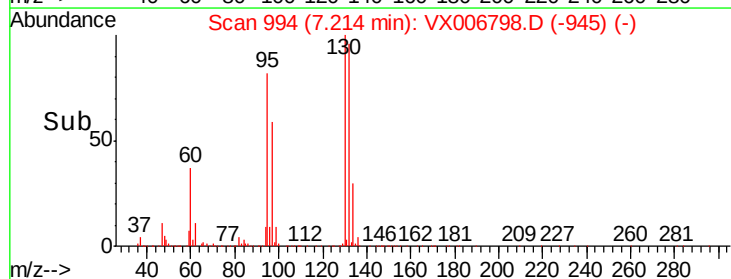
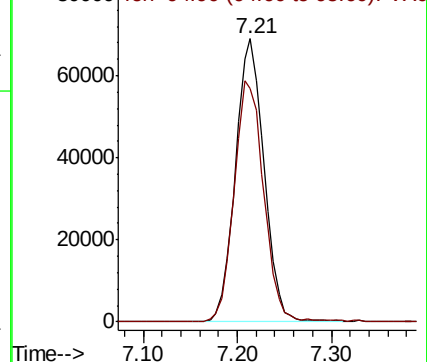
Ion Ratio Lower Upper

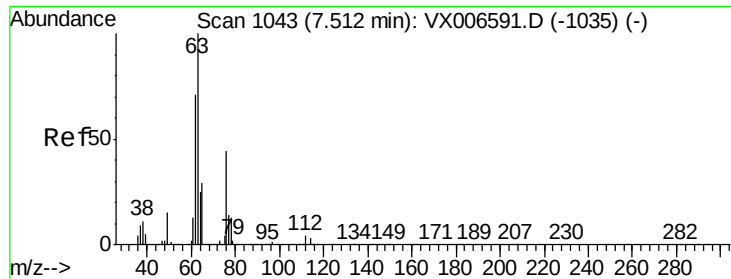
130 100

95 82.2 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: 19.905 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX006798.D

Acq: 24 Dec 2018 16:38

Instrument :

MSVOA_X

ClientSampleId :

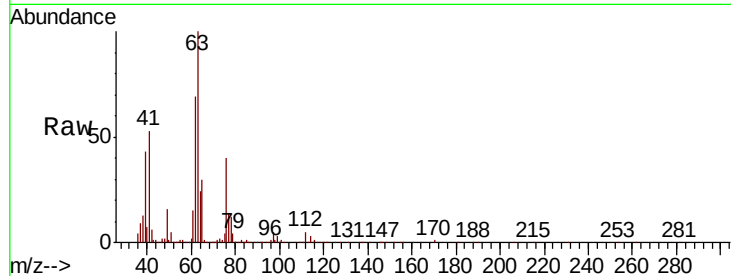
VX1224MBSD01

Tot Ion: 63 Resp: 119842

Ion Ratio Lower Upper

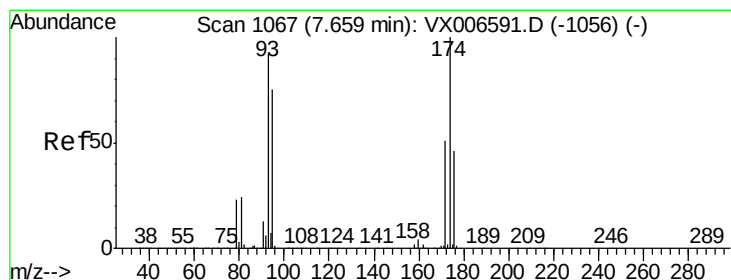
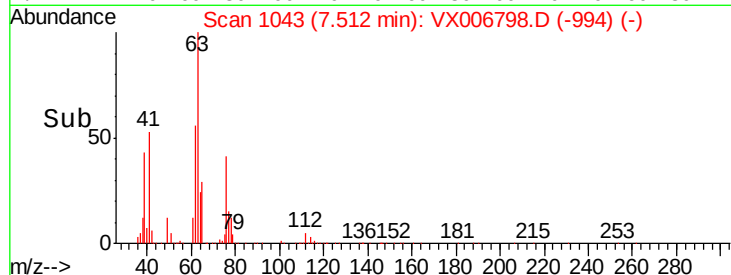
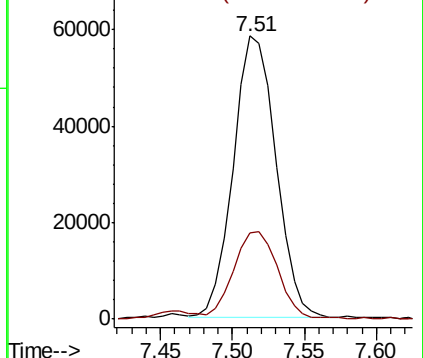
63 100

65 30.2 25.4 38.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.118 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX006798.D

Acq: 24 Dec 2018 16:38

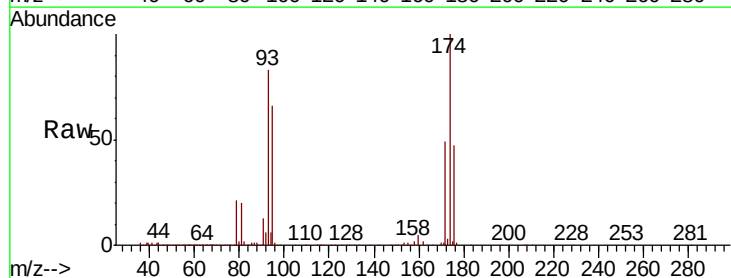
Tgt Ion: 93 Resp: 84667

Ion Ratio Lower Upper

93 100

95 81.6 66.2 99.4

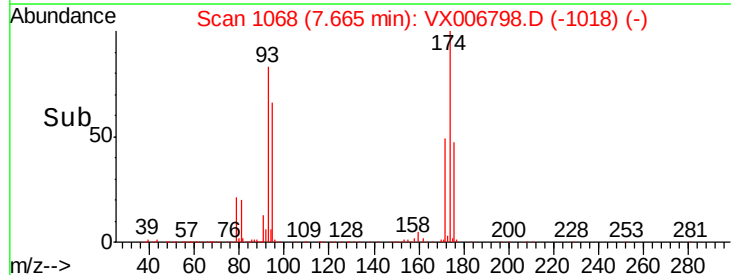
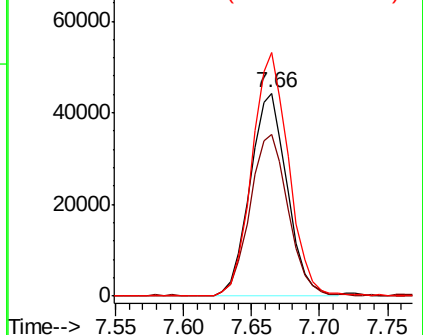
174 119.0 91.0 136.4

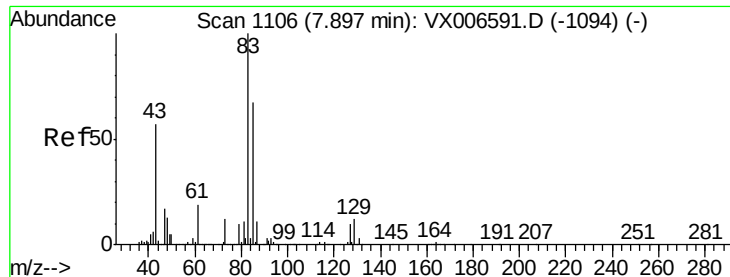


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 17.770 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX006798.D

Acq: 24 Dec 2018 16:38

Instrument :

MSVOA_X

ClientSampleId :

VX1224MBSD01

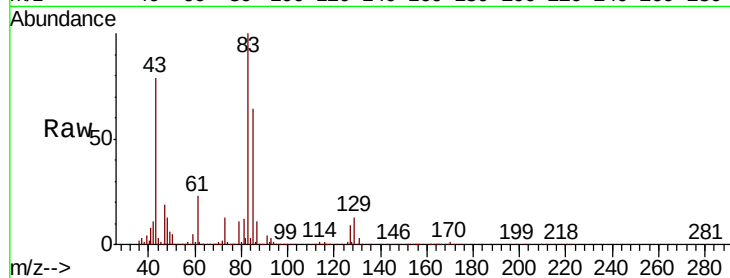
Tot Ion: 83 Resp: 130656

Ion Ratio Lower Upper

83 100

85 63.7 53.2 79.8

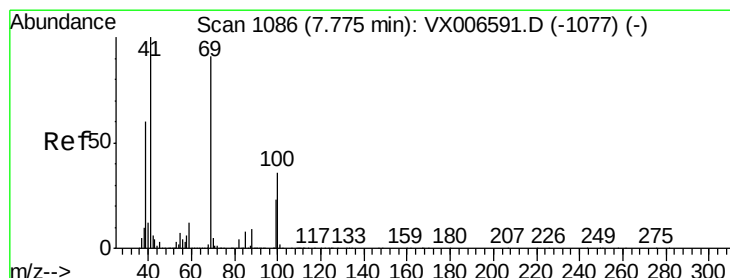
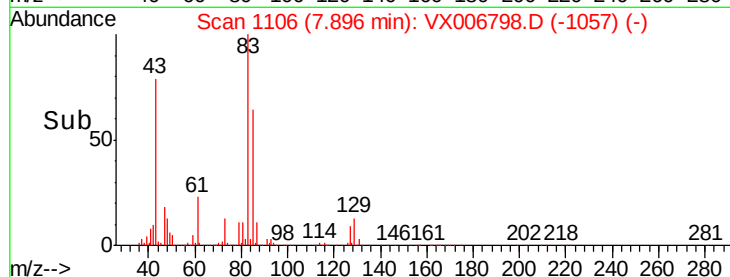
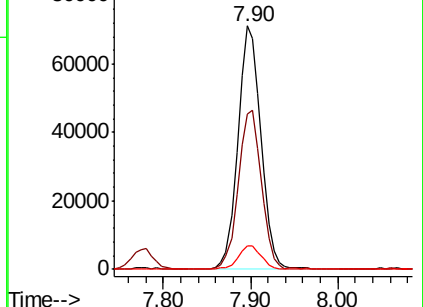
127 9.4 7.8 11.6



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: 21.842 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX006798.D

Acq: 24 Dec 2018 16:38

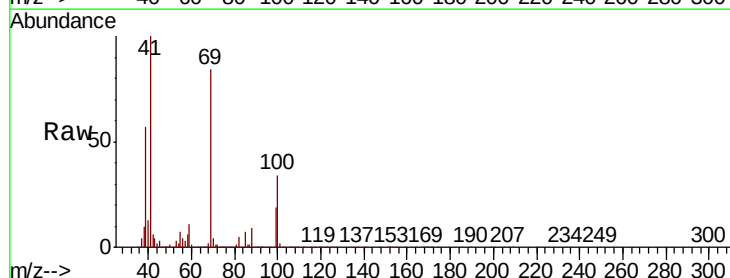
Tgt Ion: 41 Resp: 143177

Ion Ratio Lower Upper

41 100

69 86.1 72.4 108.6

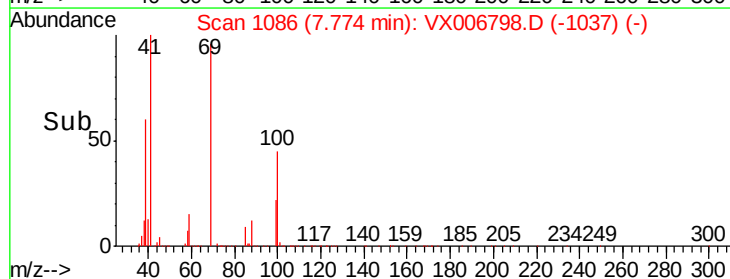
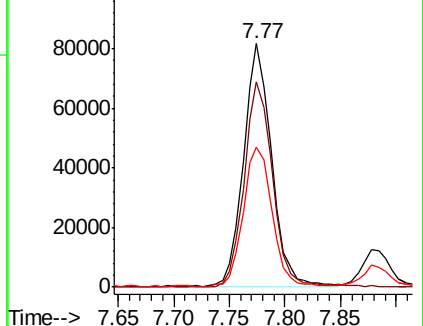
39 59.1 45.8 68.8

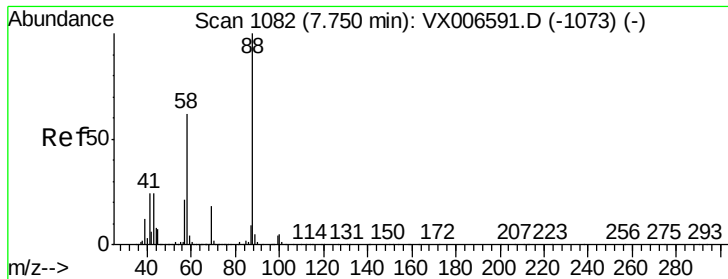


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

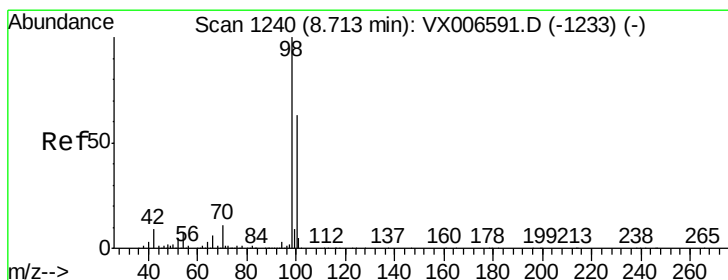
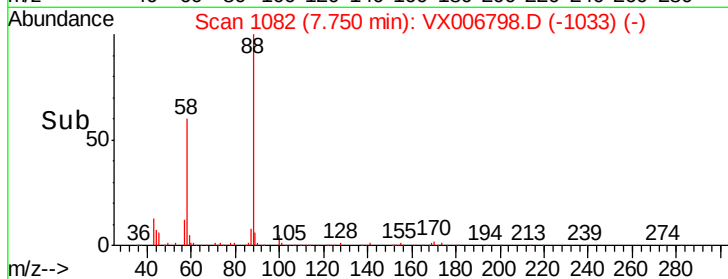
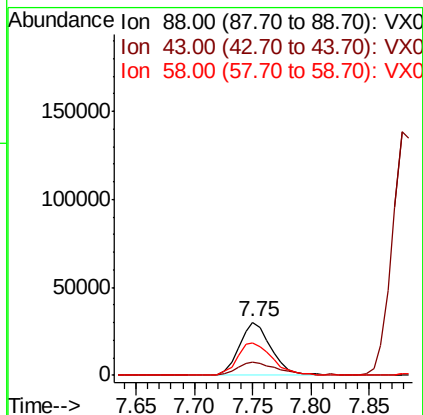
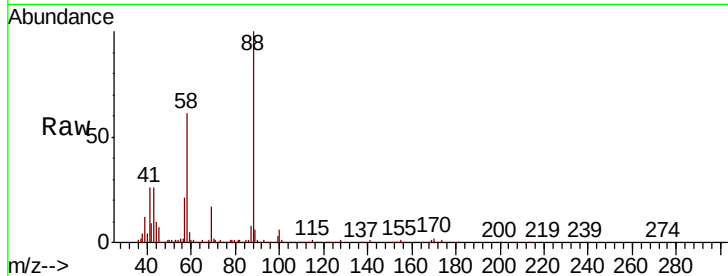




#49
1,4-Dioxane
Concen: 319.029 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006798.D
Acq: 24 Dec 2018 16:38

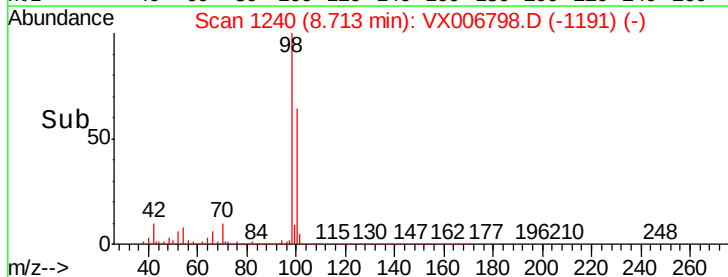
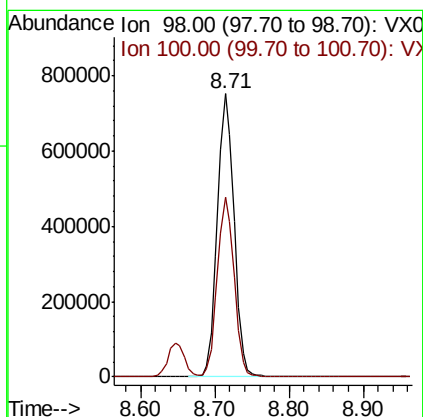
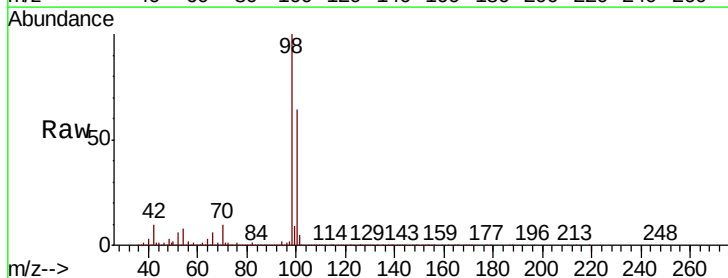
Instrument :
MSVOA_X
ClientSampleId :
VX1224MBSD01

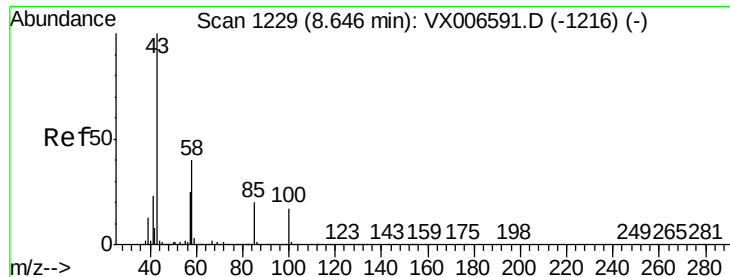
Tot Ion	88	Resp	57038
Ion	Ratio	Lower	Upper
88	100		
43	30.4	22.2	33.4
58	67.9	51.0	76.4



#50
Toluene-d8
Concen: 49.696 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006798.D
Acq: 24 Dec 2018 16:38

Tgt Ion	98	Resp	1164388
Ion	Ratio	Lower	Upper
98	100		
100	64.2	52.0	78.0

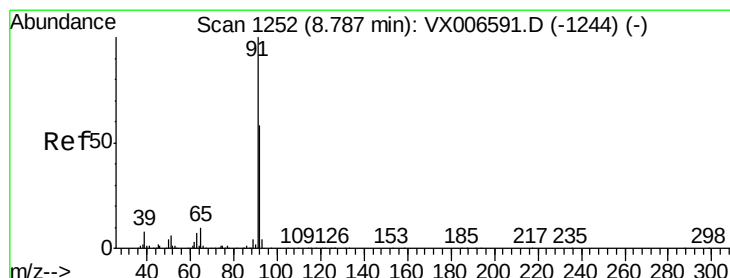
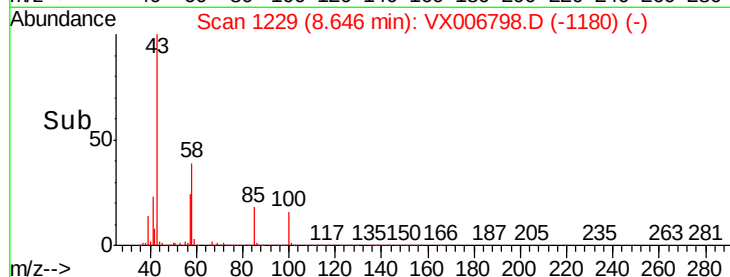
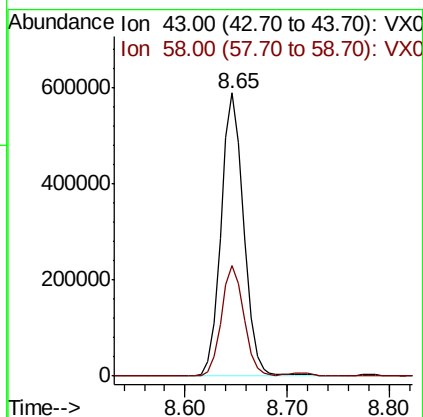
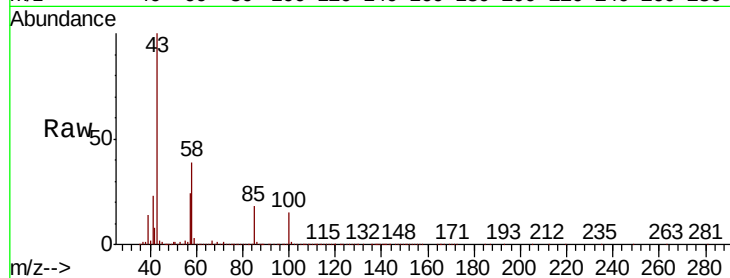




#51
4-Methyl-2-Pentanone
Concen: 111.202 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VX006798.D
Acq: 24 Dec 2018 16:38

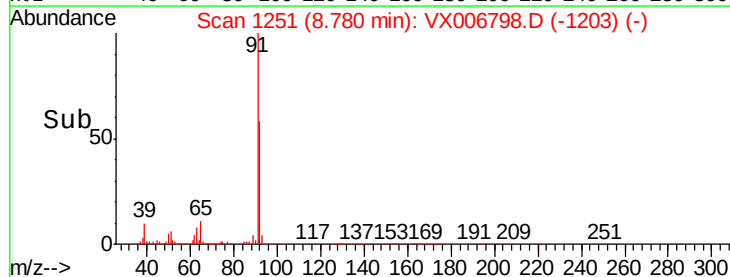
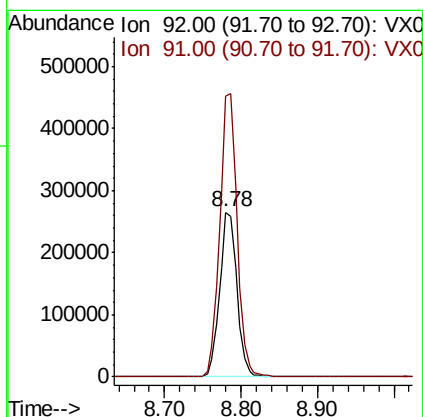
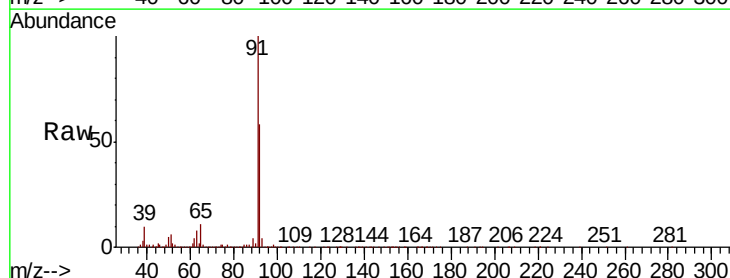
Instrument :
MSVOA_X
ClientSampleId :
VX1224MBSD01

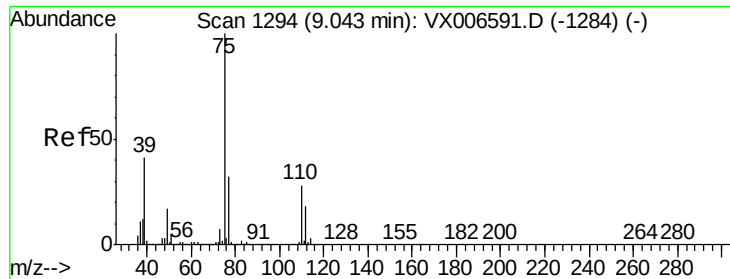
Tot Ion: 43 Resp: 912036
Ion Ratio Lower Upper
43 100
58 38.7 31.8 47.6



#52
Toluene
Concen: 25.777 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX006798.D
Acq: 24 Dec 2018 16:38

Tgt Ion: 92 Resp: 412024
Ion Ratio Lower Upper
92 100
91 173.8 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 18.260 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX006798.D

Acq: 24 Dec 2018 16:38

Instrument :

MSVOA_X

ClientSampleId :

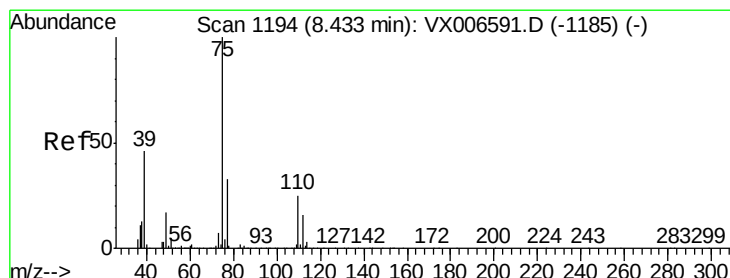
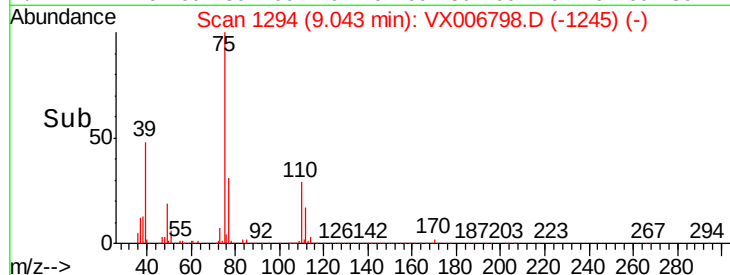
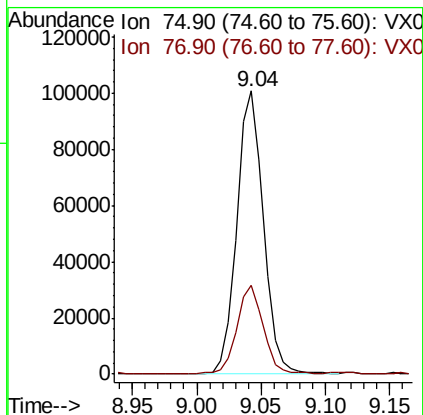
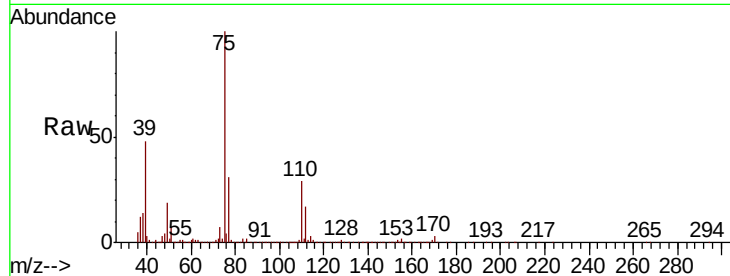
VX1224MBSD01

Tot Ion: 75 Resp: 143992

Ion Ratio Lower Upper

75 100

77 31.1 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 18.915 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX006798.D

Acq: 24 Dec 2018 16:38

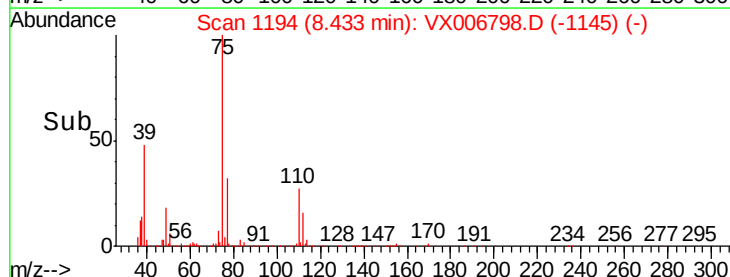
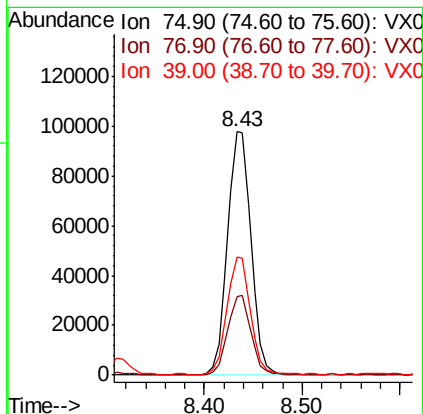
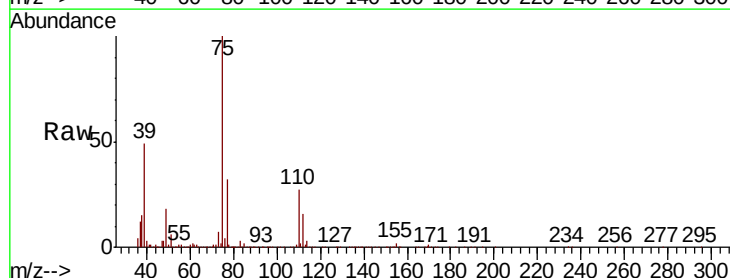
Tgt Ion: 75 Resp: 163664

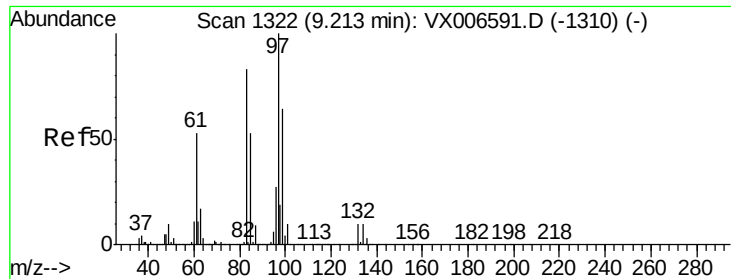
Ion Ratio Lower Upper

75 100

77 32.0 26.2 39.2

39 48.3 36.7 55.1





#55

1,1,2-Trichloroethane

Concen: 20.191 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX006798.D

Acq: 24 Dec 2018 16:38

Instrument :

MSVOA_X

ClientSampleId :

VX1224MBSD01

Tot Ion: 97 Resp: 132100

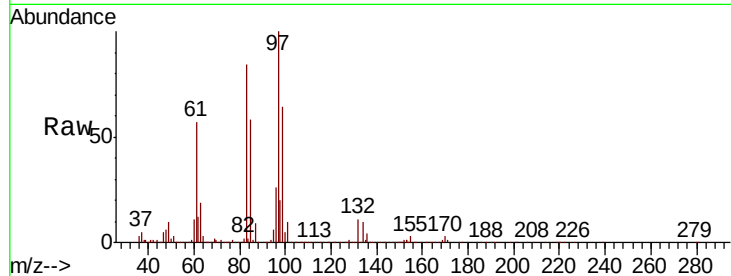
Ion Ratio Lower Upper

97 100

83 83.7 66.6 99.8

85 57.6 42.7 64.1

99 64.5 50.8 76.2

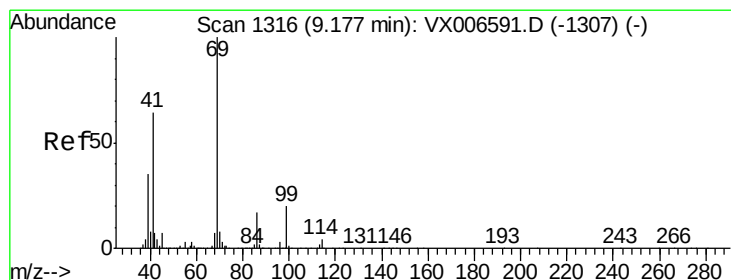
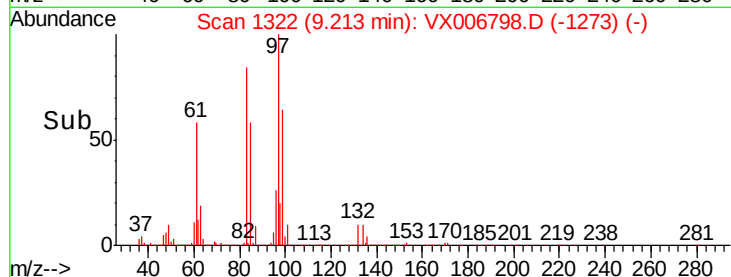
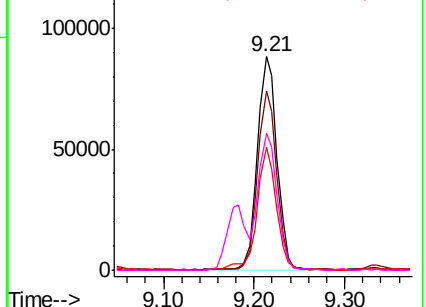


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 21.134 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX006798.D

Acq: 24 Dec 2018 16:38

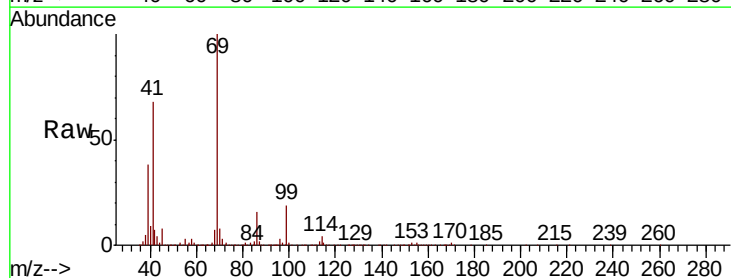
Tgt Ion: 69 Resp: 195423

Ion Ratio Lower Upper

69 100

41 65.6 48.7 73.1

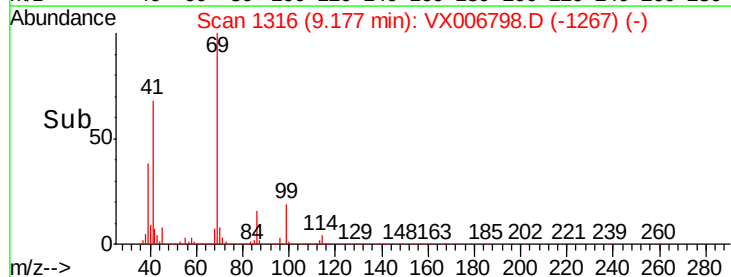
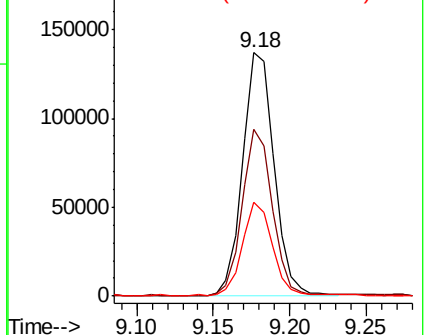
39 37.2 27.0 40.6

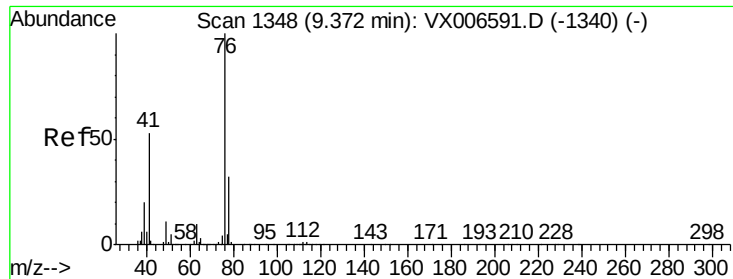


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.987 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX006798.D

Acq: 24 Dec 2018 16:38

Instrument :

MSVOA_X

ClientSampleId :

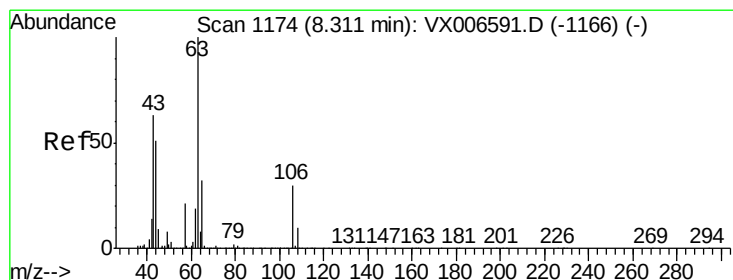
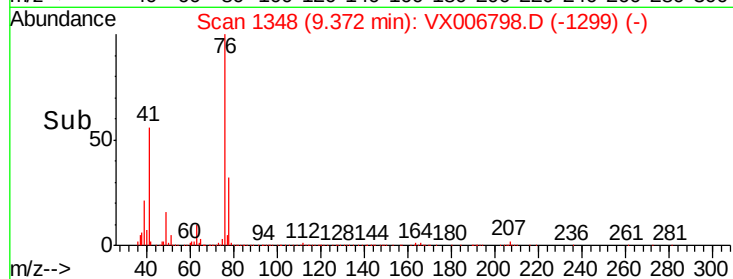
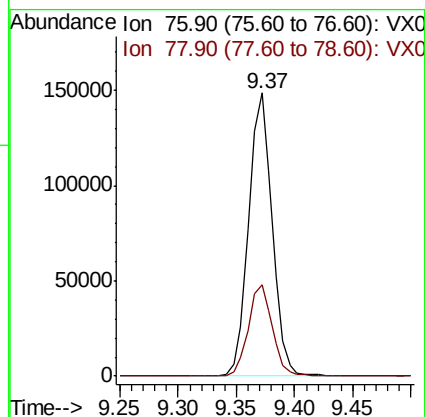
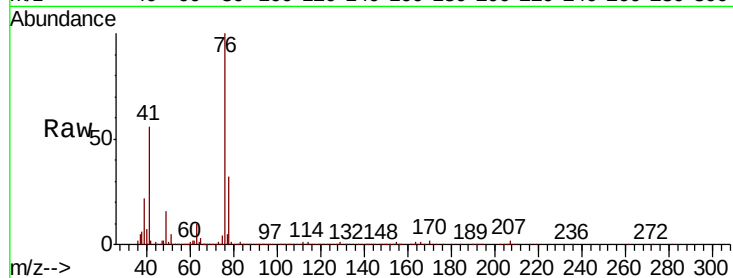
VX1224MBSD01

Tot Ion: 76 Resp: 210391

Ion Ratio Lower Upper

76 100

78 33.0 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 104.823 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX006798.D

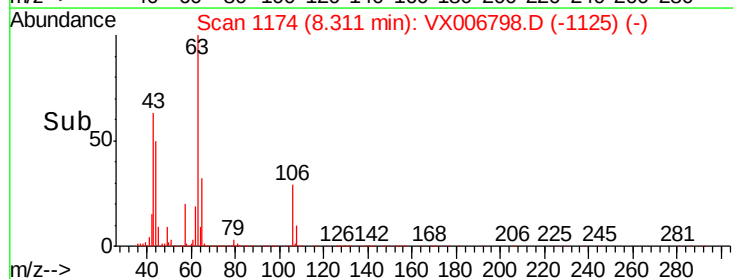
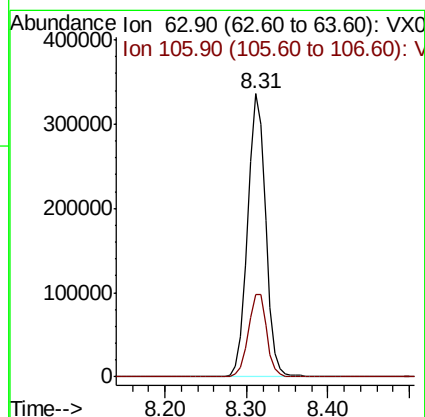
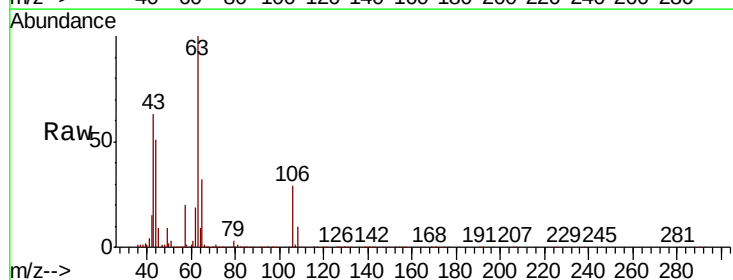
Acq: 24 Dec 2018 16:38

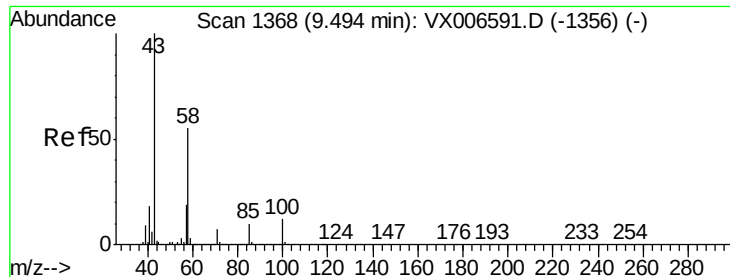
Tgt Ion: 63 Resp: 515251

Ion Ratio Lower Upper

63 100

106 29.9 24.6 36.8

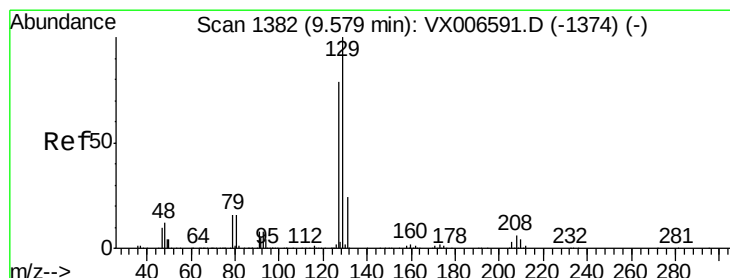
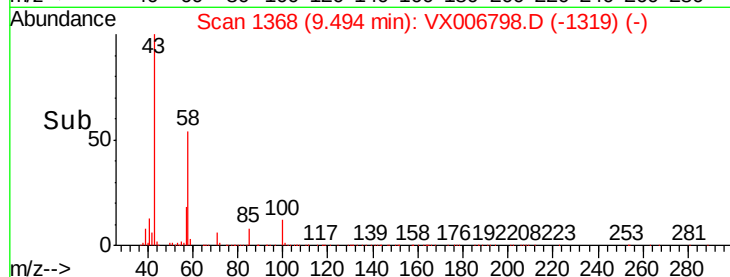
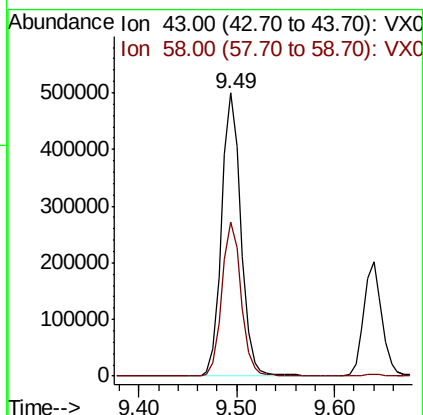
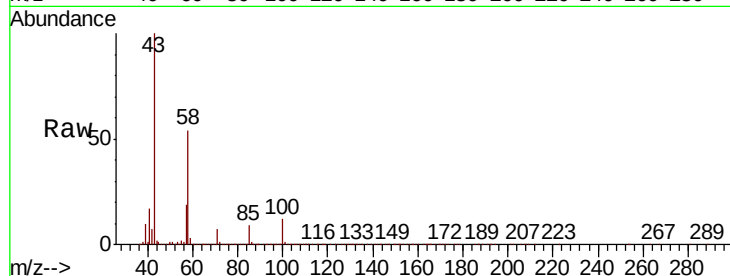




#59
2-Hexanone
Concen: 108.853 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX006798.D
Acq: 24 Dec 2018 16:38

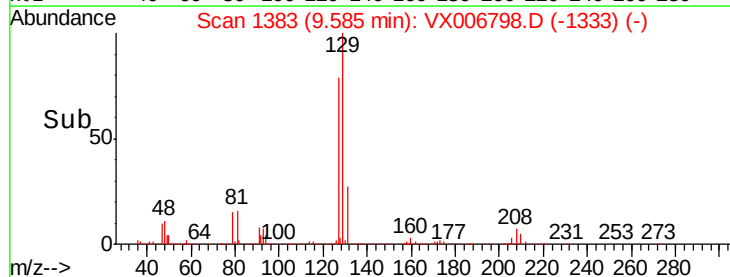
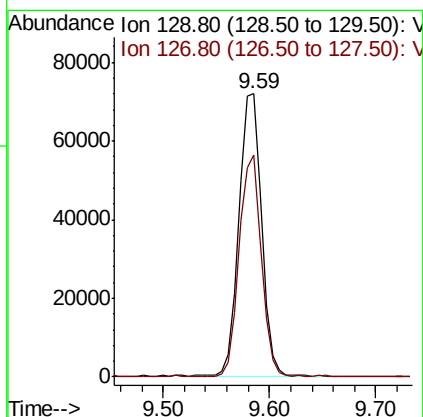
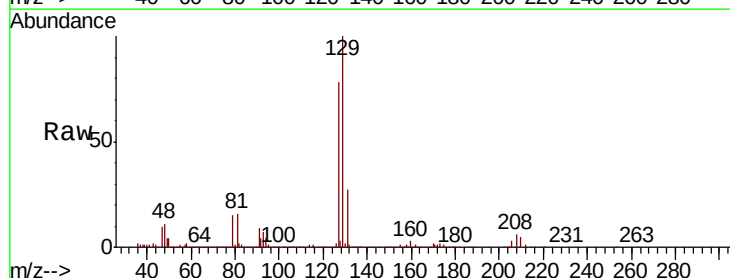
Instrument :
MSVOA_X
ClientSampleId :
VX1224MBSD01

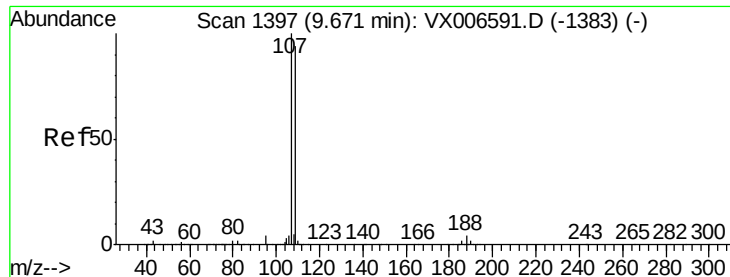
Tot Ion: 43 Resp: 683074
Ion Ratio Lower Upper
43 100
58 54.3 27.7 83.1



#60
Dibromochloromethane
Concen: 17.325 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX006798.D
Acq: 24 Dec 2018 16:38

Tgt Ion: 129 Resp: 107653
Ion Ratio Lower Upper
129 100
127 77.4 39.3 117.8





#61

1,2-Dibromoethane

Concen: 20.019 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX006798.D

Acq: 24 Dec 2018 16:38

Instrument :

MSVOA_X

ClientSampleId :

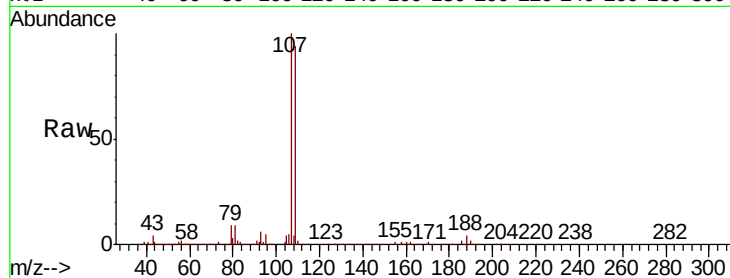
VX1224MBSD01

Tot Ion:107 Resp: 139233

Ion Ratio Lower Upper

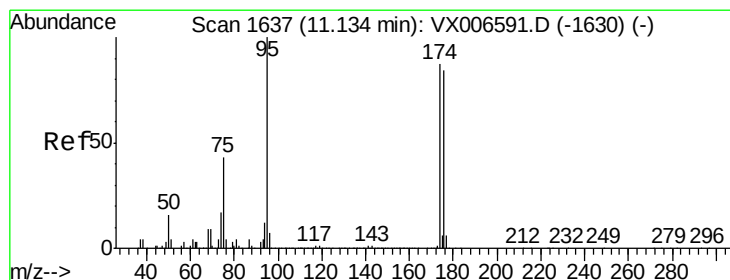
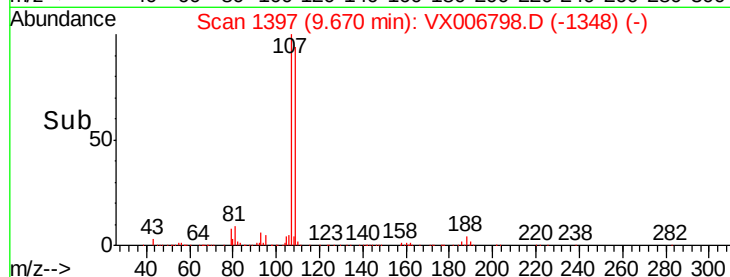
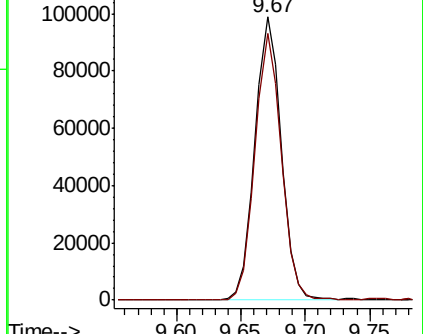
107 100

109 93.5 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.146 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006798.D

Acq: 24 Dec 2018 16:38

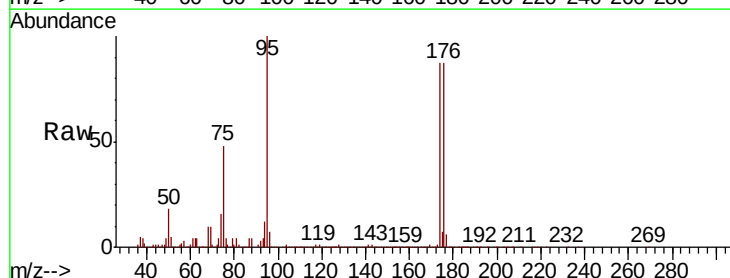
Tgt Ion: 95 Resp: 421725

Ion Ratio Lower Upper

95 100

174 95.3 0.0 182.2

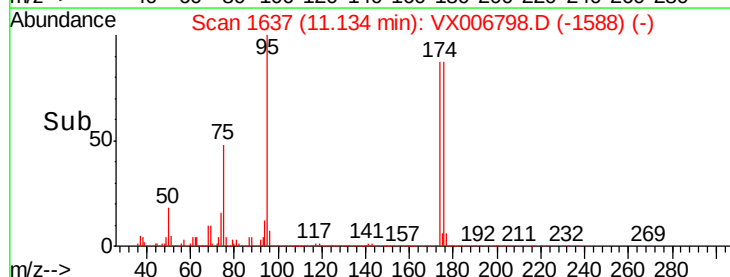
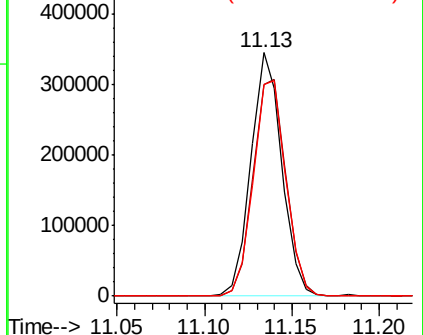
176 93.9 0.0 178.8

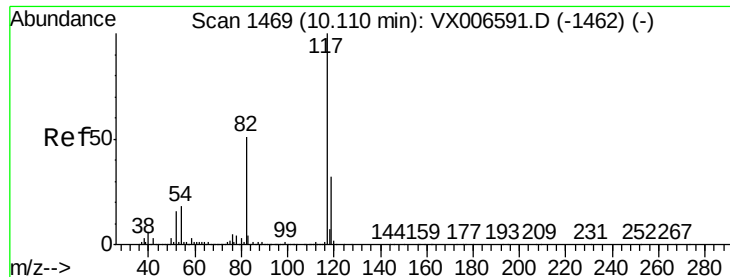


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

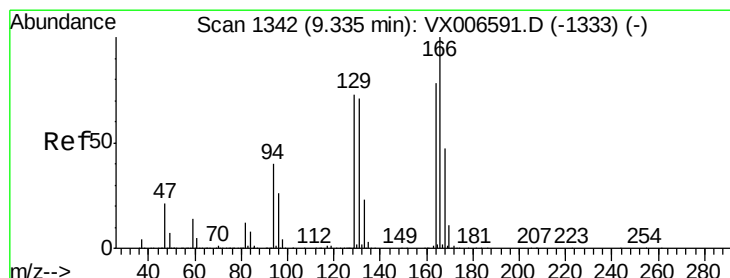
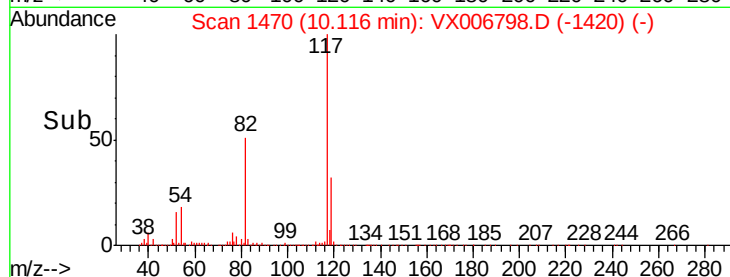
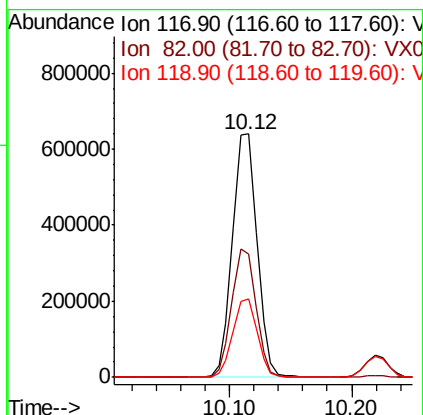
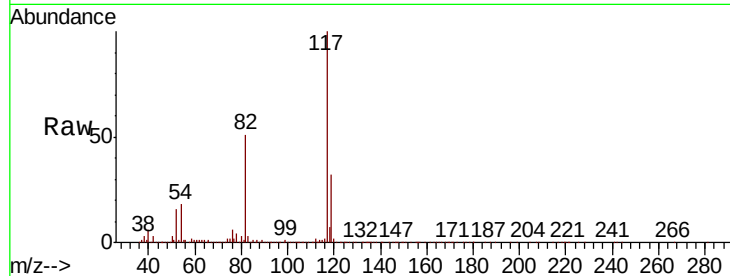




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006798.D
Acq: 24 Dec 2018 16:38

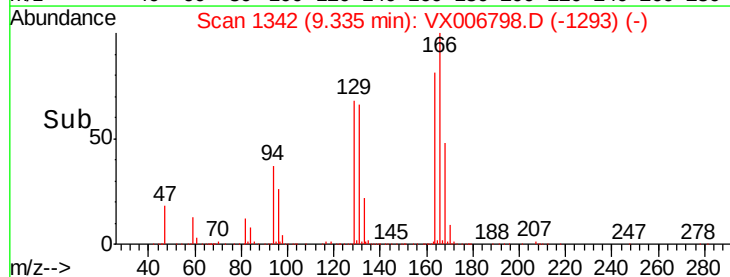
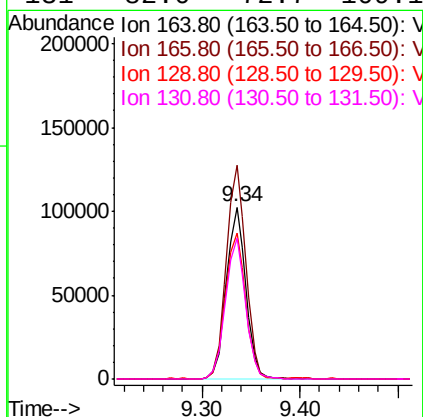
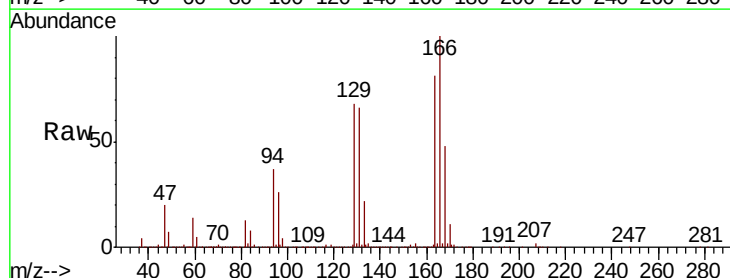
Instrument :
MSVOA_X
ClientSampleId :
VX1224MBSD01

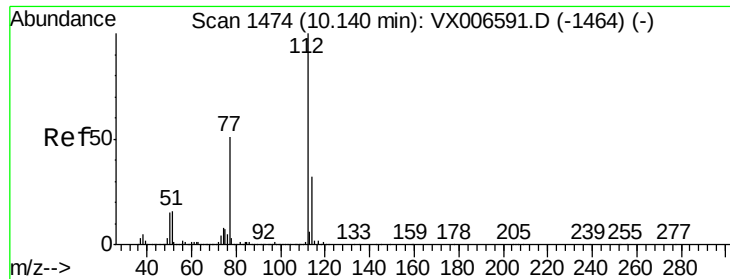
Tot Ion:117 Resp: 891871
Ion Ratio Lower Upper
117 100
82 50.7 41.0 61.6
119 32.2 25.4 38.0



#64
Tetrachloroethene
Concen: 20.192 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006798.D
Acq: 24 Dec 2018 16:38

Tgt Ion:164 Resp: 142600
Ion Ratio Lower Upper
164 100
166 124.1 102.5 153.7
129 84.8 75.1 112.7
131 82.0 72.7 109.1

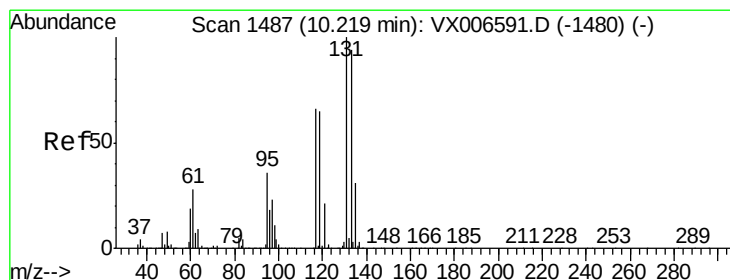
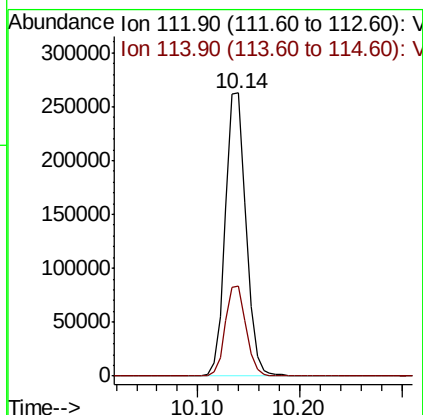
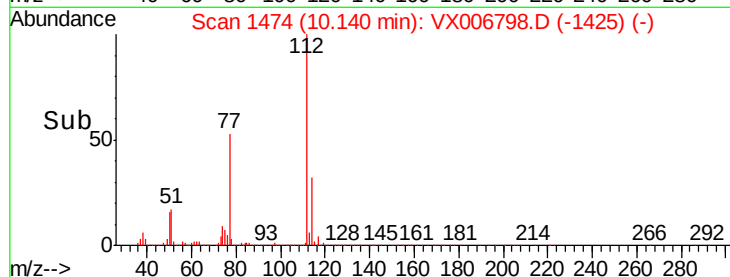
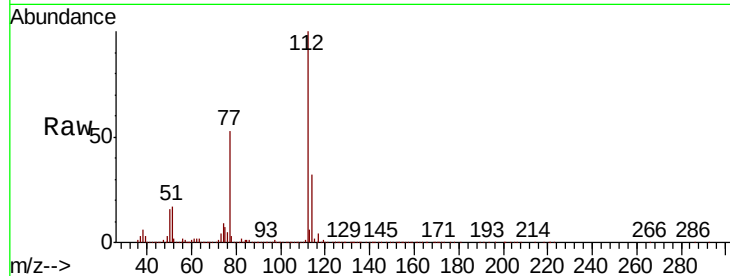




#65
Chlorobenzene
Concen: 19.541 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX006798.D
Acq: 24 Dec 2018 16:38

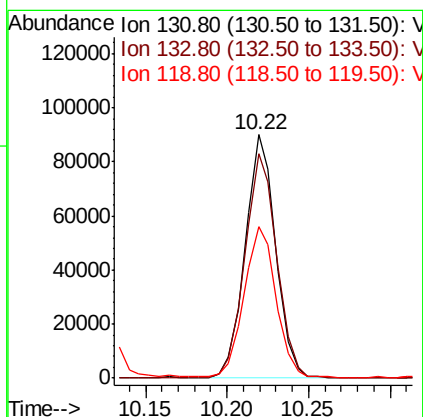
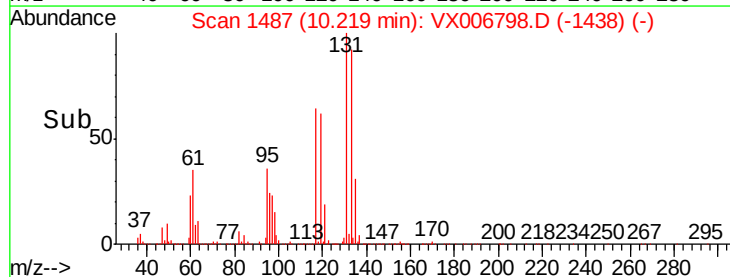
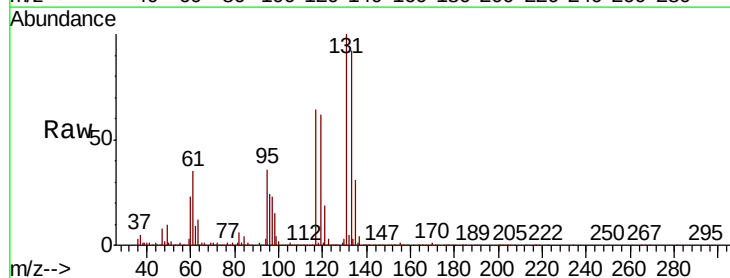
Instrument :
MSVOA_X
ClientSampleId :
VX1224MBSD01

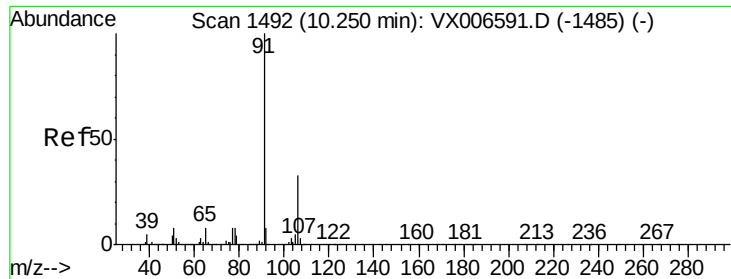
Tot Ion:112 Resp: 368700
Ion Ratio Lower Upper
112 100
114 32.0 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 19.854 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX006798.D
Acq: 24 Dec 2018 16:38

Tgt Ion:131 Resp: 116876
Ion Ratio Lower Upper
131 100
133 96.1 48.0 144.2
119 65.1 32.6 97.8

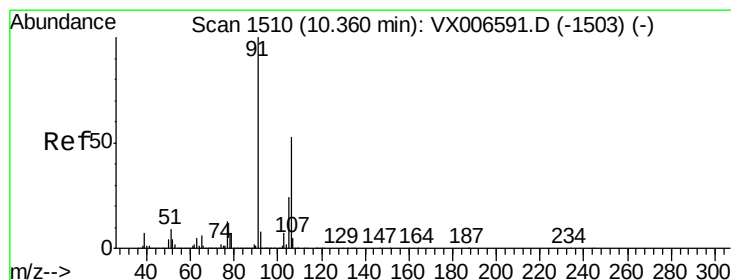
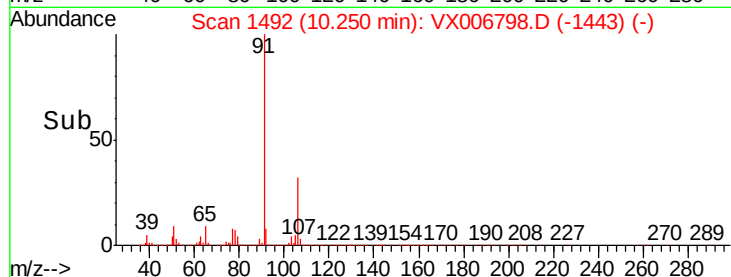
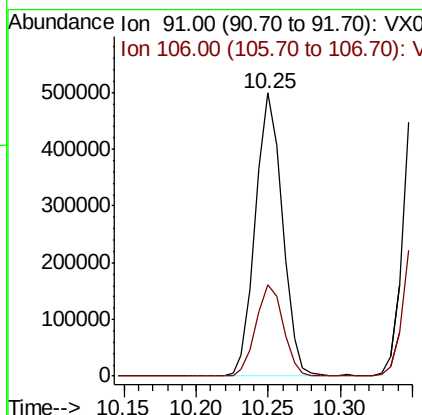
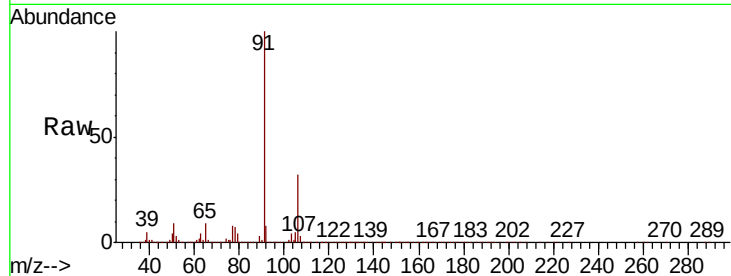




#67
Ethyl Benzene
Concen: 20.895 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX006798.D
Acq: 24 Dec 2018 16:38

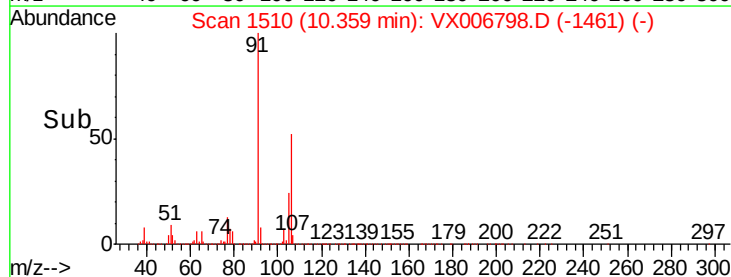
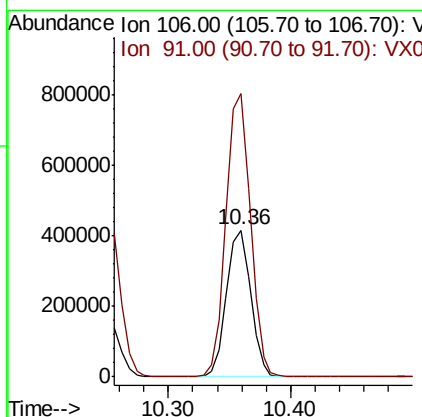
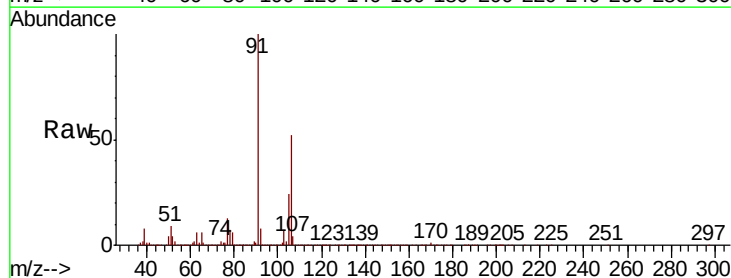
Instrument :
MSVOA_X
ClientSampleId :
VX1224MBSD01

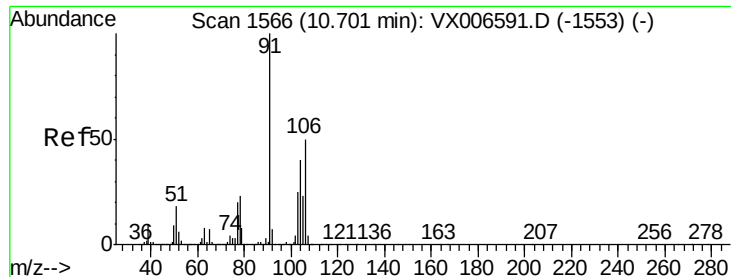
Tot Ion: 91 Resp: 644250
Ion Ratio Lower Upper
91 100
106 32.1 26.4 39.6



#68
m/p-Xylenes
Concen: 47.035 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX006798.D
Acq: 24 Dec 2018 16:38

Tgt Ion: 106 Resp: 572243
Ion Ratio Lower Upper
106 100
91 194.0 155.8 233.6

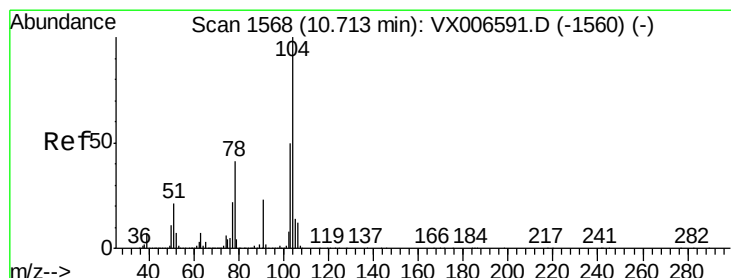
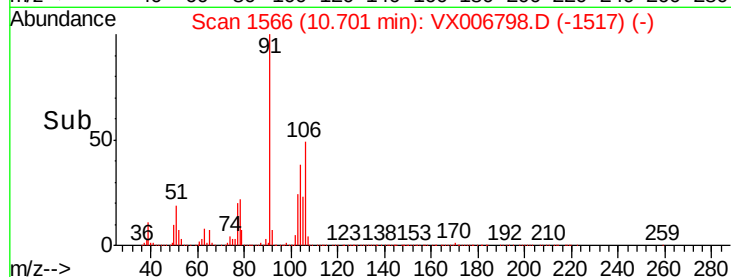
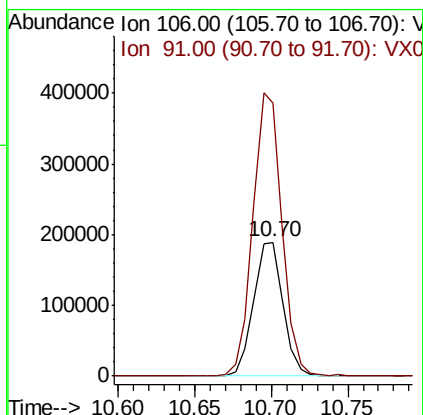
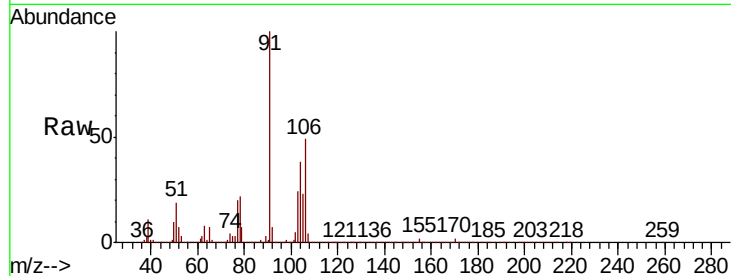




#69
o-Xylene
Concen: 21.031 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006798.D
Acq: 24 Dec 2018 16:38

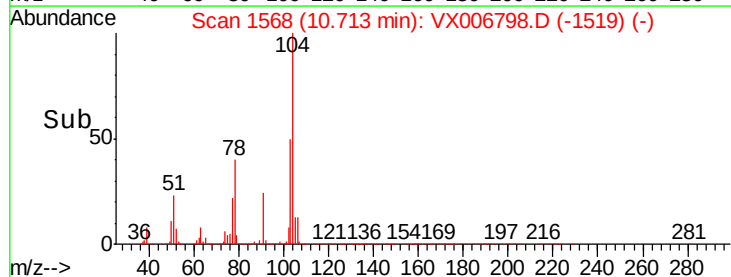
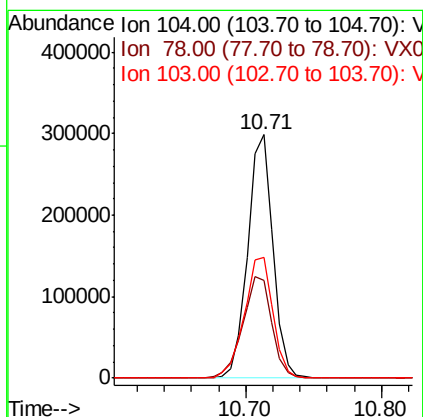
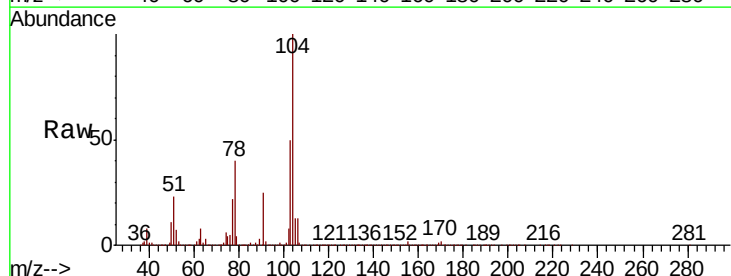
Instrument :
MSVOA_X
ClientSampleId :
VX1224MBSD01

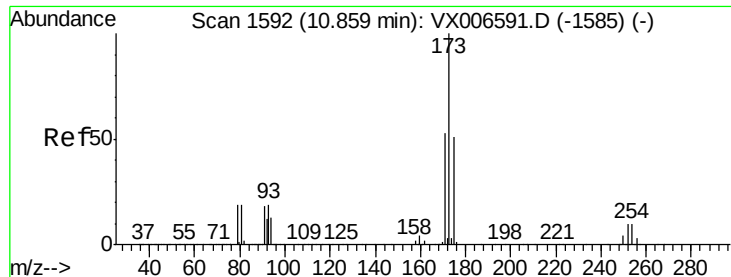
Tot Ion:106 Resp: 252665
Ion Ratio Lower Upper
106 100
91 208.1 101.3 303.7



#70
Styrene
Concen: 20.441 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006798.D
Acq: 24 Dec 2018 16:38

Tgt Ion:104 Resp: 388523
Ion Ratio Lower Upper
104 100
78 47.8 37.7 56.5
103 56.0 43.8 65.8





#71

Bromoform

Concen: 17.668 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006798.D

Acq: 24 Dec 2018 16:38

Instrument :

MSVOA_X

ClientSampleId :

VX1224MBSD01

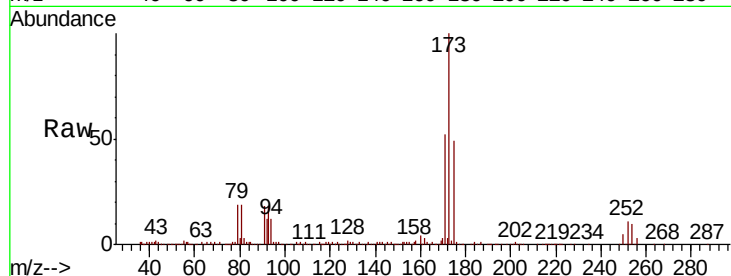
Tot Ion:173 Resp: 77002

Ion Ratio Lower Upper

173 100

175 50.0 24.7 74.1

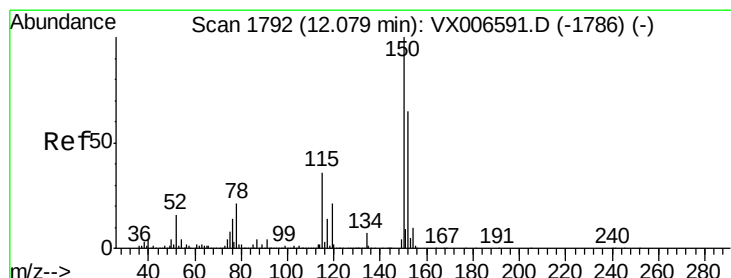
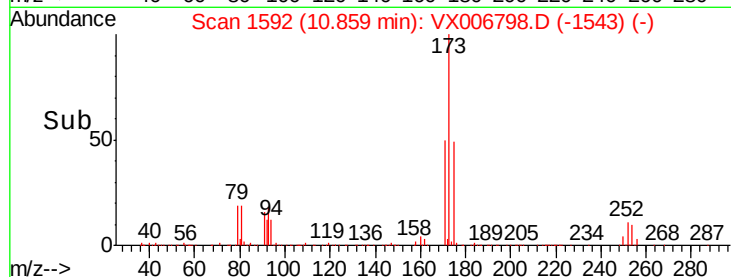
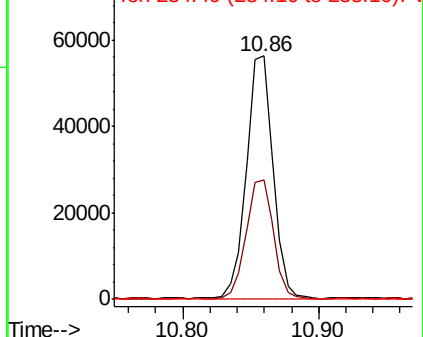
254 0.1 0.2 0.2#



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: VX006798.D

Acq: 24 Dec 2018 16:38

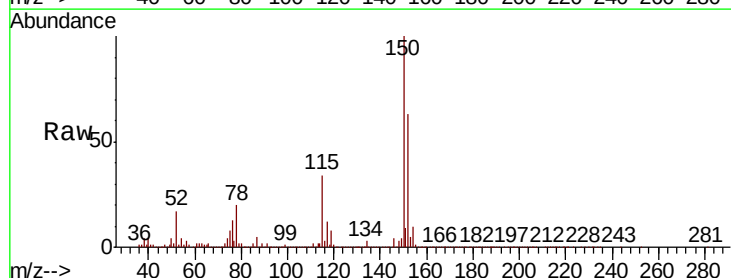
Tgt Ion:152 Resp: 466234

Ion Ratio Lower Upper

152 100

115 63.9 39.1 117.2

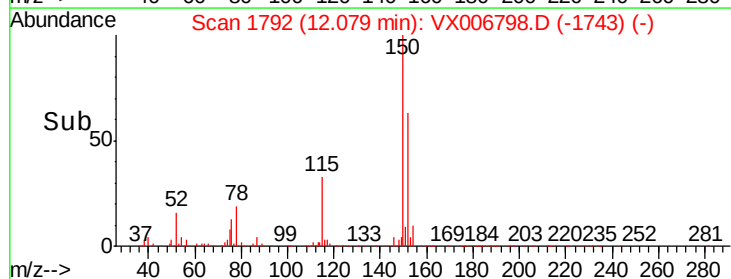
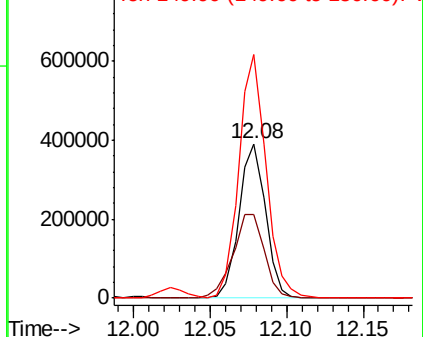
150 162.9 0.0 344.8

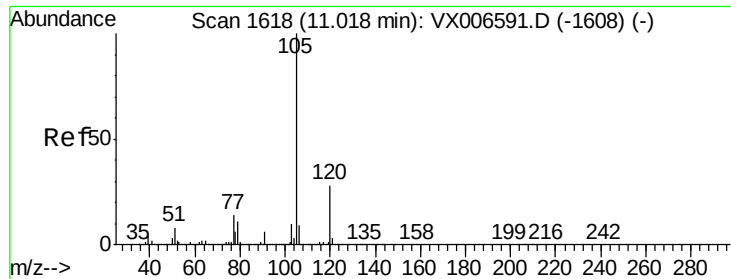


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.964 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006798.D

Acq: 24 Dec 2018 16:38

Instrument :

MSVOA_X

ClientSampleId :

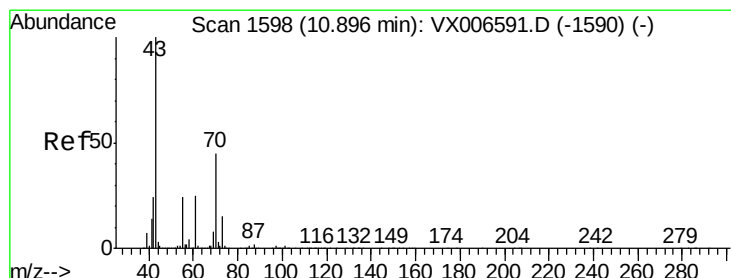
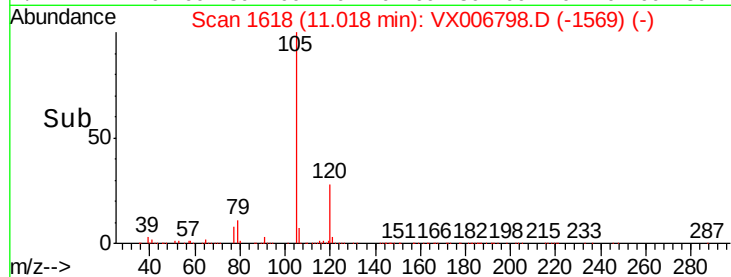
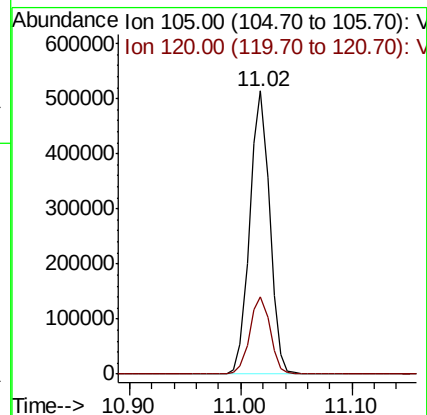
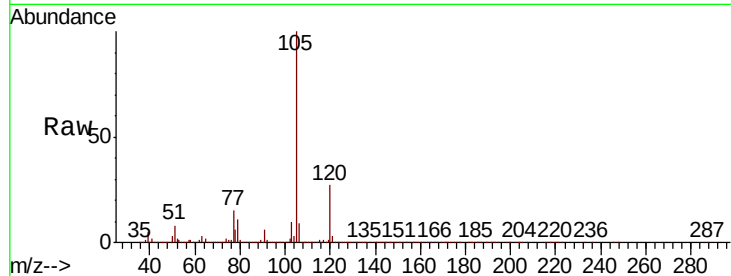
VX1224MBSD01

Tot Ion:105 Resp: 636783

Ion Ratio Lower Upper

105 100

120 27.7 14.1 42.4



#74

N-ethyl acetate

Concen: 22.504 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX006798.D

Acq: 24 Dec 2018 16:38

Tgt Ion: 43 Resp: 256921

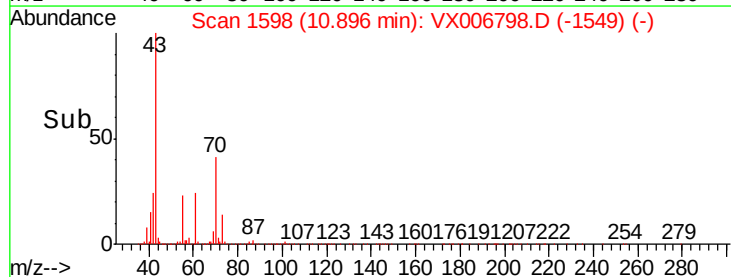
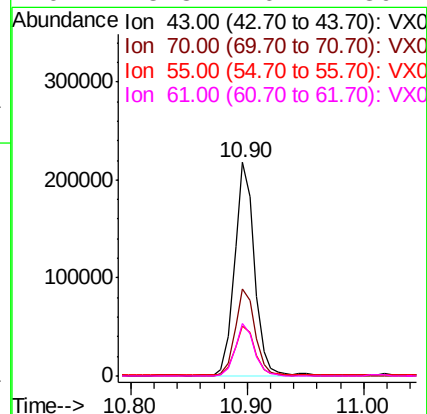
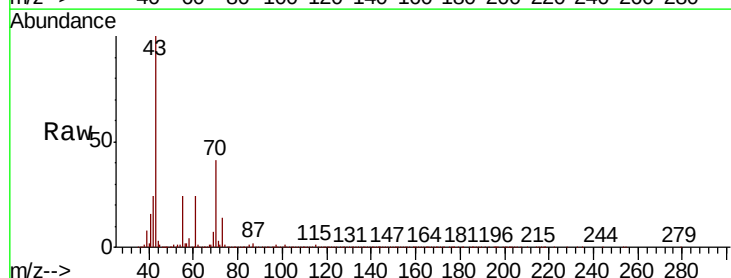
Ion Ratio Lower Upper

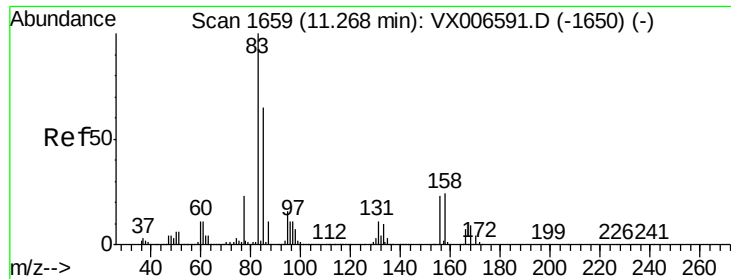
43 100

70 41.1 35.8 53.8

55 23.5 19.4 29.0

61 23.8 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 20.945 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006798.D

Acq: 24 Dec 2018 16:38

Instrument :

MSVOA_X

ClientSampleId :

VX1224MBSD01

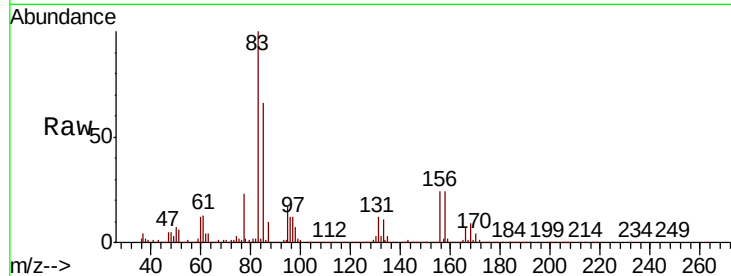
Tot Ion: 83 Resp: 198685

Ion Ratio Lower Upper

83 100

131 11.3 5.7 17.1

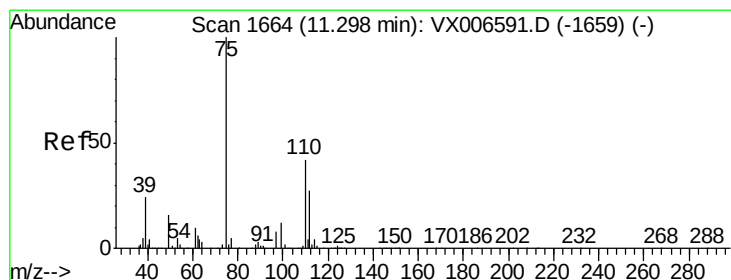
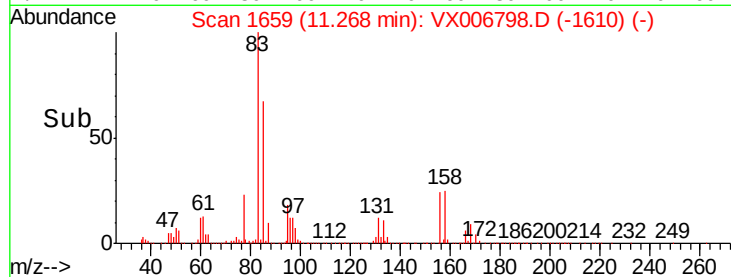
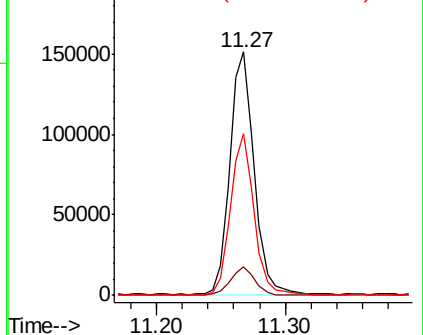
85 64.3 32.2 96.6



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: 24.035 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX006798.D

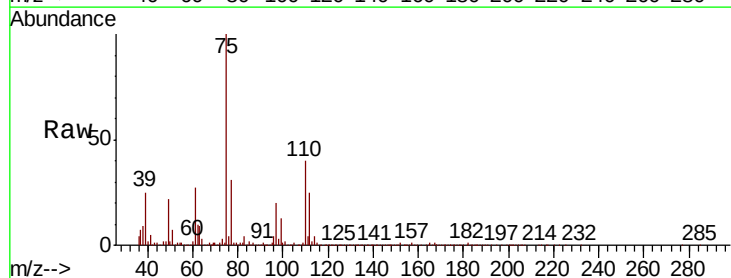
Acq: 24 Dec 2018 16:38

Tgt Ion: 75 Resp: 208249

Ion Ratio Lower Upper

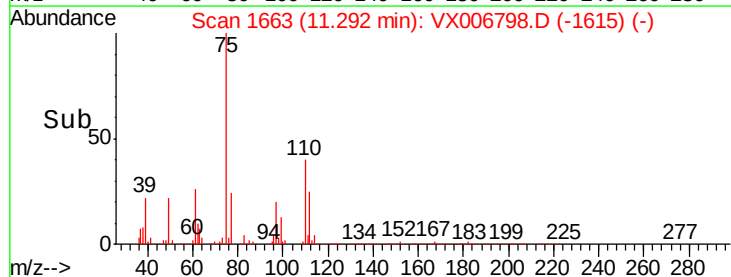
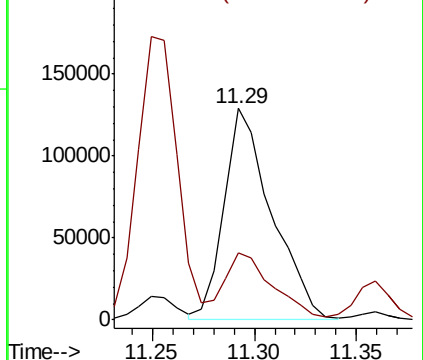
75 100

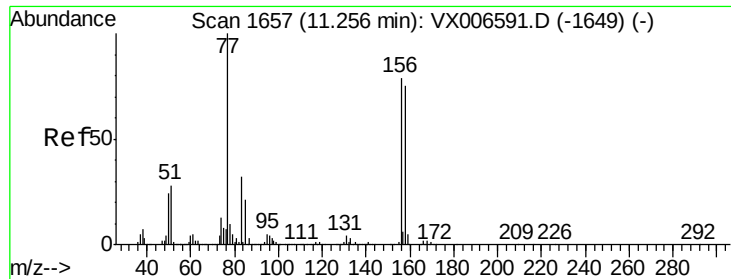
77 32.3 18.5 55.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.924 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006798.D

Acq: 24 Dec 2018 16:38

Instrument :

MSVOA_X

ClientSampleId :

VX1224MBSD01

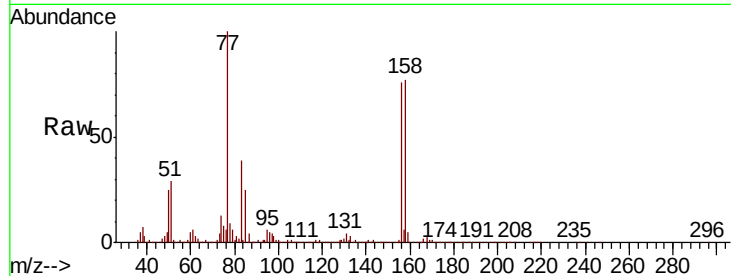
Tot Ion:156 Resp: 171812

Ion Ratio Lower Upper

156 100

77 135.9 68.0 204.0

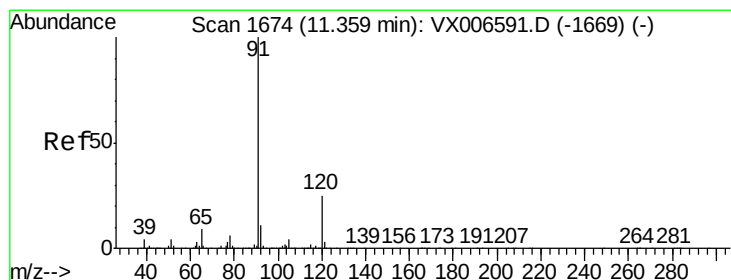
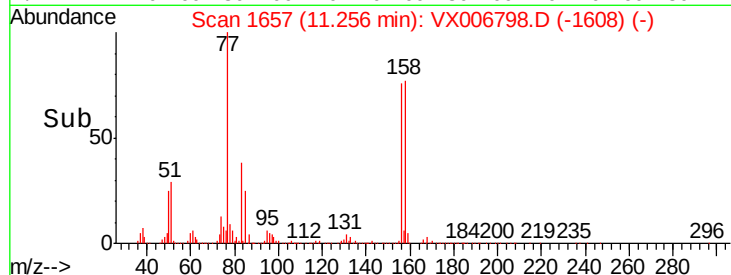
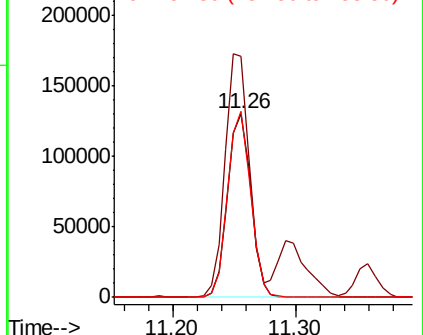
158 99.9 48.3 144.8



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: 20.190 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006798.D

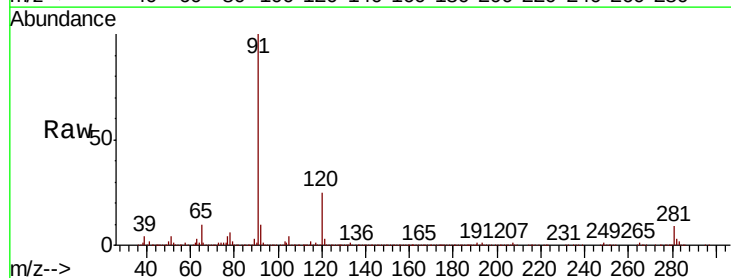
Acq: 24 Dec 2018 16:38

Tgt Ion: 91 Resp: 709166

Ion Ratio Lower Upper

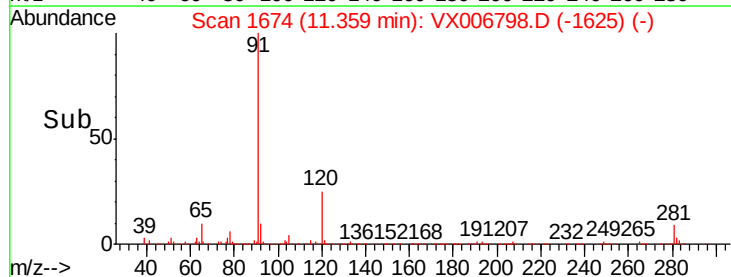
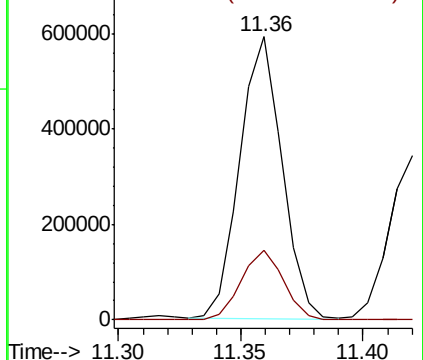
91 100

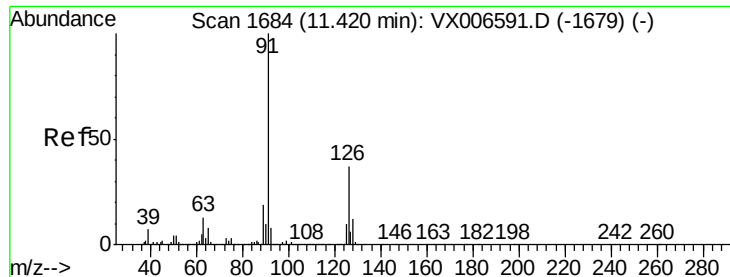
120 24.8 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.607 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX006798.D

Acq: 24 Dec 2018 16:38

Instrument :

MSVOA_X

ClientSampleId :

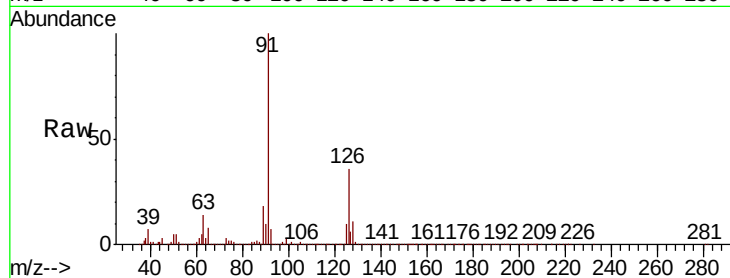
VX1224MBSD01

Tot Ion: 91 Resp: 417334

Ion Ratio Lower Upper

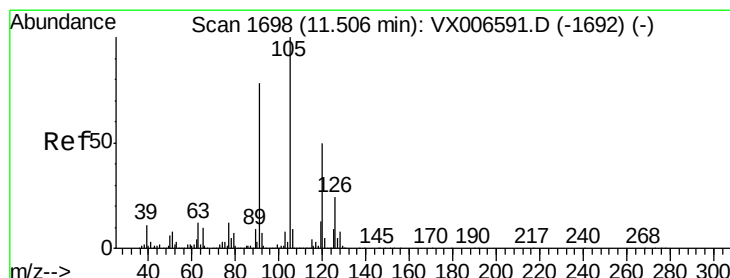
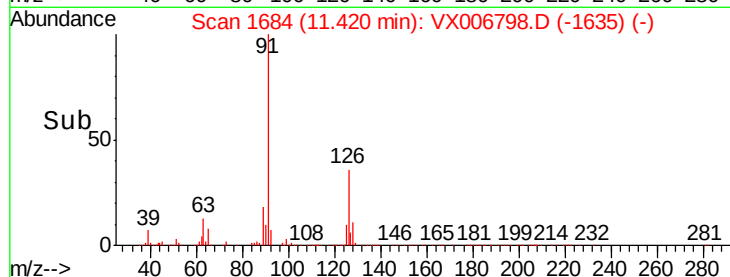
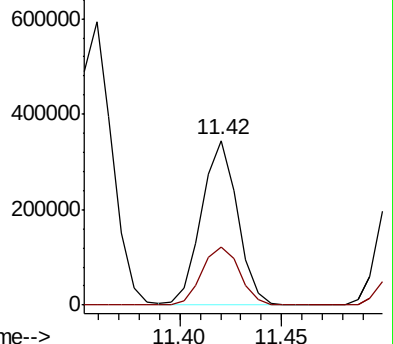
91 100

126 37.1 18.6 56.0



Abundance Ion 91.00 (90.70 to 91.70): VX006591.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX006591.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.266 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006798.D

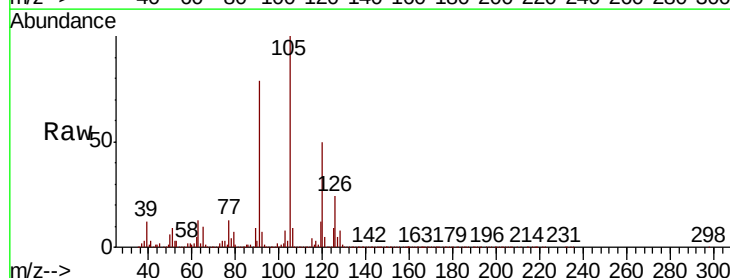
Acq: 24 Dec 2018 16:38

Tgt Ion: 105 Resp: 532411

Ion Ratio Lower Upper

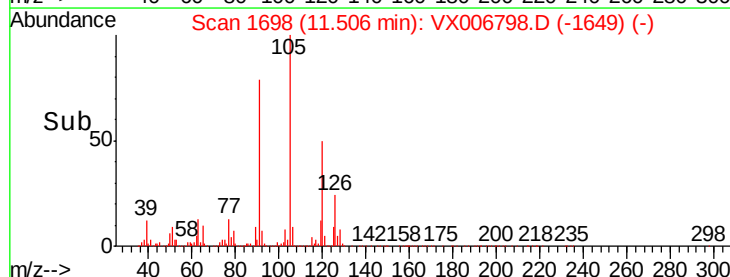
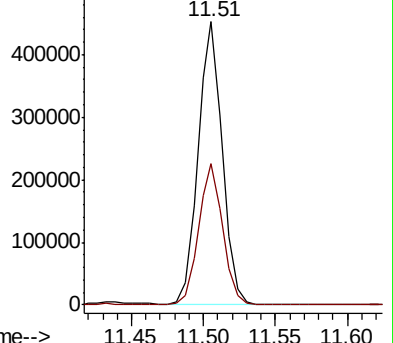
105 100

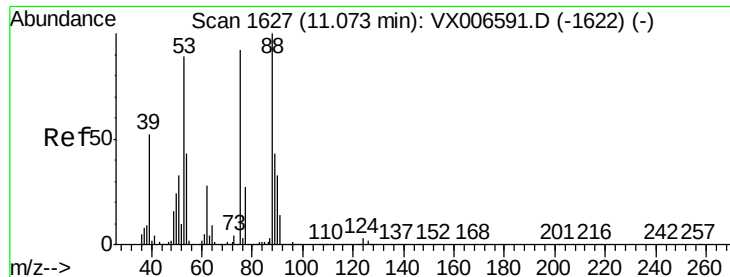
120 49.8 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): VX006591.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX006591.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 16.043 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006798.D

Acq: 24 Dec 2018 16:38

Instrument :

MSVOA_X

ClientSampleId :

VX1224MBSD01

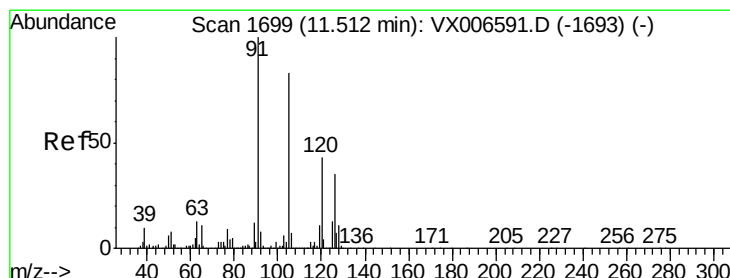
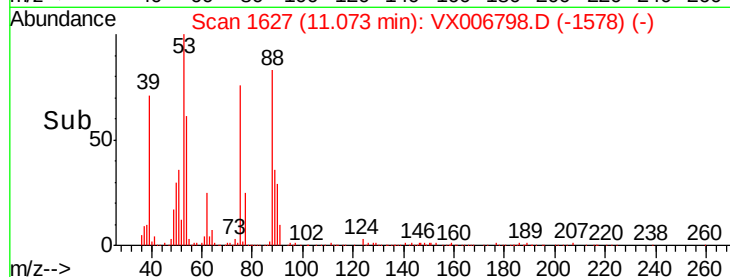
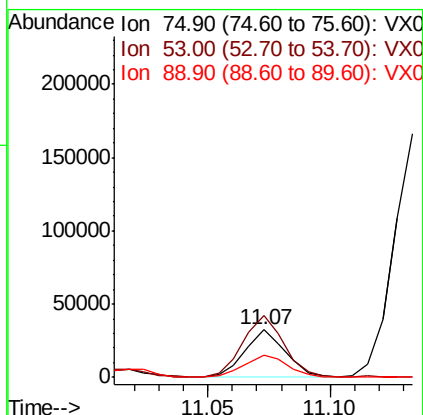
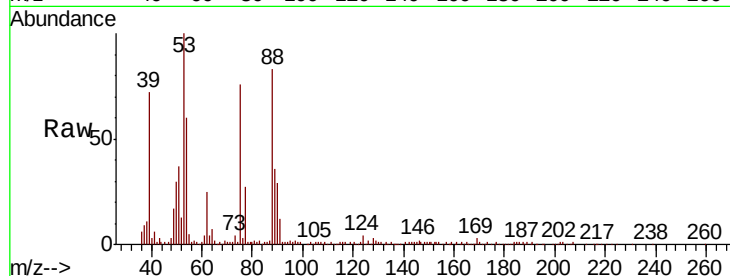
Tot Ion: 75 Resp: 36736

Ion Ratio Lower Upper

75 100

53 135.7 79.7 119.5#

89 52.7 38.0 57.0



#82

4-Chlorotoluene

Concen: 19.728 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX006798.D

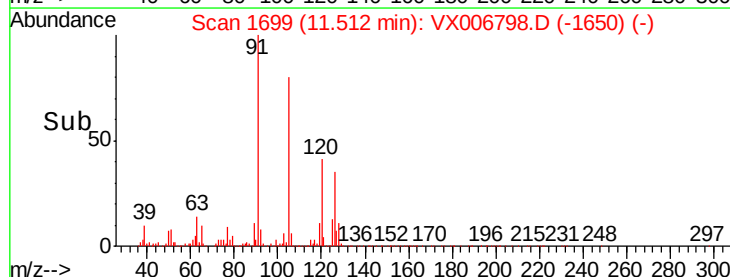
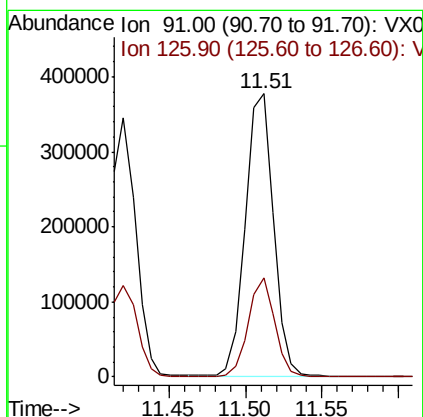
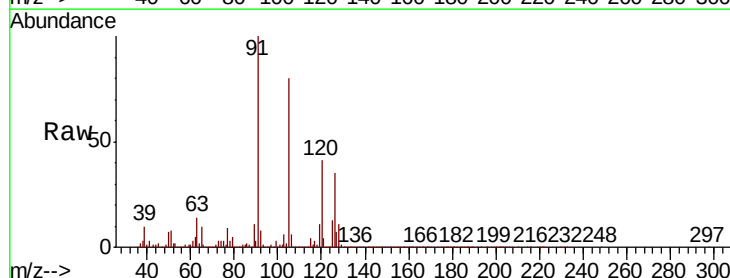
Acq: 24 Dec 2018 16:38

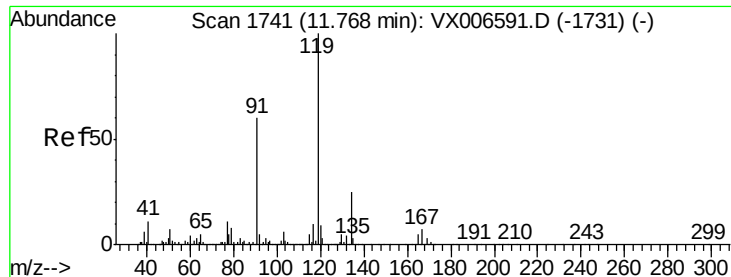
Tgt Ion: 91 Resp: 481681

Ion Ratio Lower Upper

91 100

126 32.7 16.3 48.9





#83

tert-Butylbenzene

Concen: 20.126 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX006798.D

Acq: 24 Dec 2018 16:38

Instrument :

MSVOA_X

ClientSampleId :

VX1224MBSD01

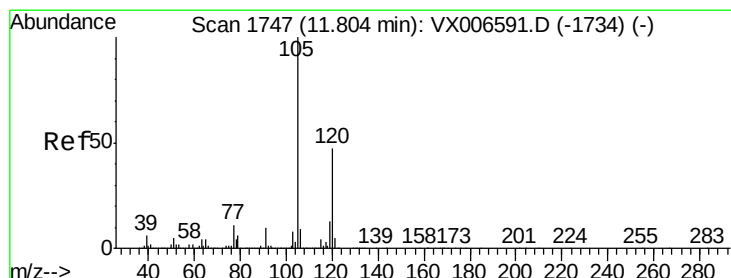
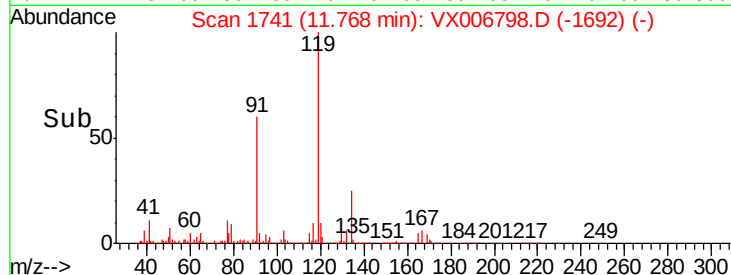
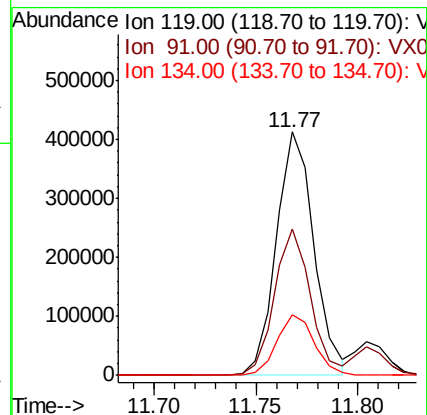
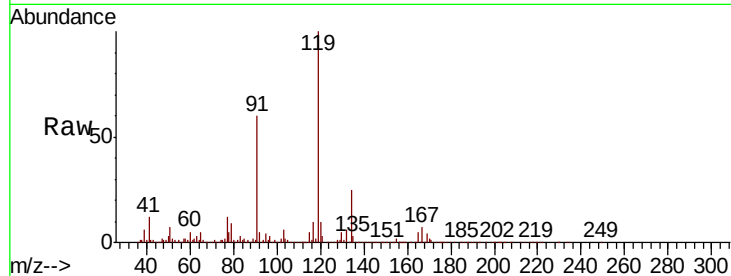
Tot Ion:119 Resp: 529197

Ion Ratio Lower Upper

119 100

91 57.5 27.7 83.1

134 24.9 11.9 35.5



#84

1,2,4-Trimethylbenzene

Concen: 20.027 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX006798.D

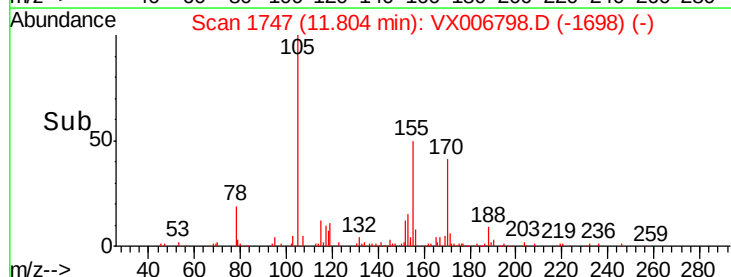
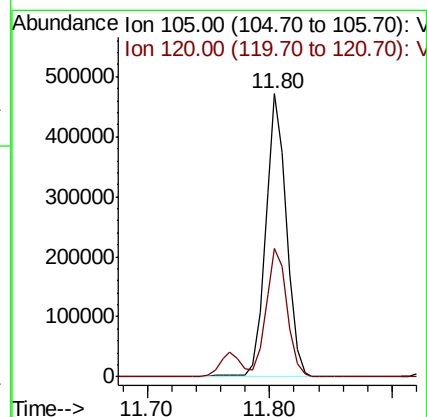
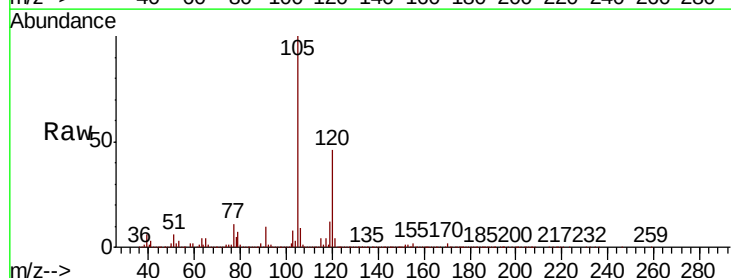
Acq: 24 Dec 2018 16:38

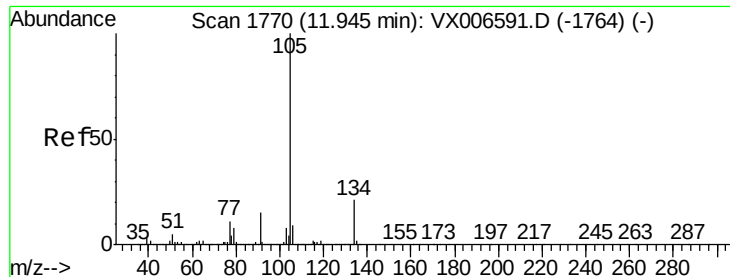
Tgt Ion:105 Resp: 553423

Ion Ratio Lower Upper

105 100

120 45.7 23.2 69.6





#85

sec-Butylbenzene

Concen: 19.879 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006798.D

Acq: 24 Dec 2018 16:38

Instrument :

MSVOA_X

ClientSampleId :

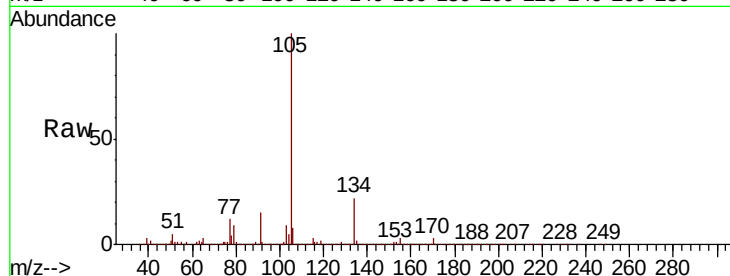
VX1224MBSD01

Tot Ion:105 Resp: 640855

Ion Ratio Lower Upper

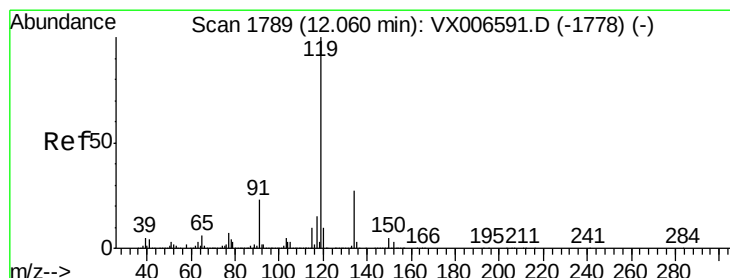
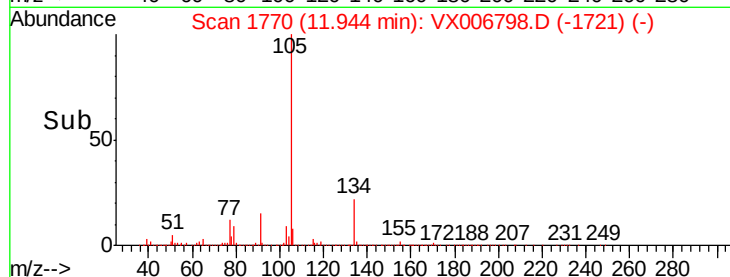
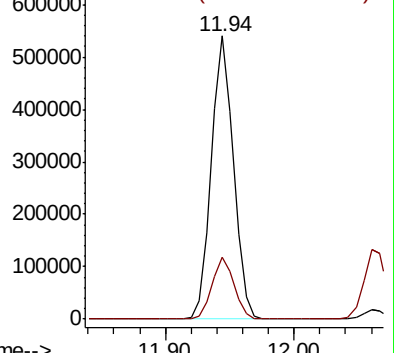
105 100

134 21.7 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.262 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX006798.D

Acq: 24 Dec 2018 16:38

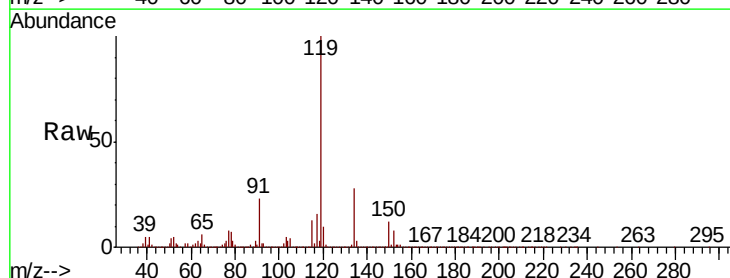
Tgt Ion:119 Resp: 574194

Ion Ratio Lower Upper

119 100

134 28.0 14.0 41.9

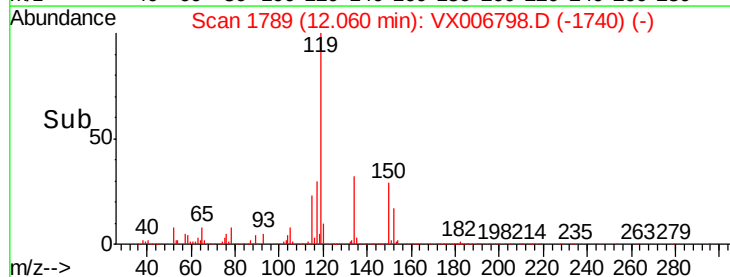
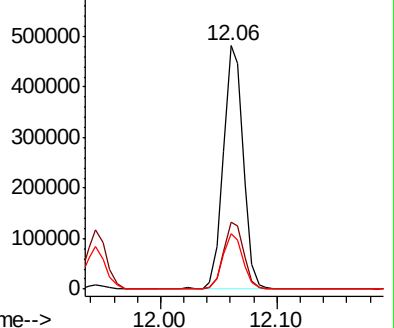
91 22.8 11.3 33.9

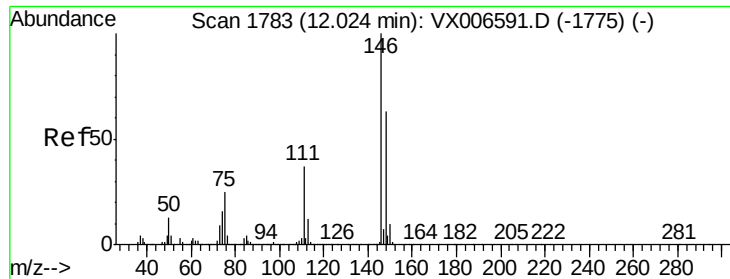


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 19.790 ug/l

RT: 12.02 min Scan# 1783

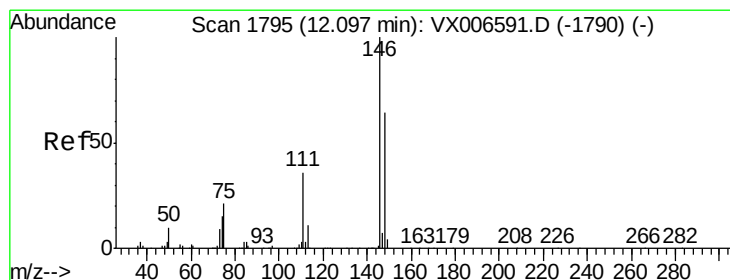
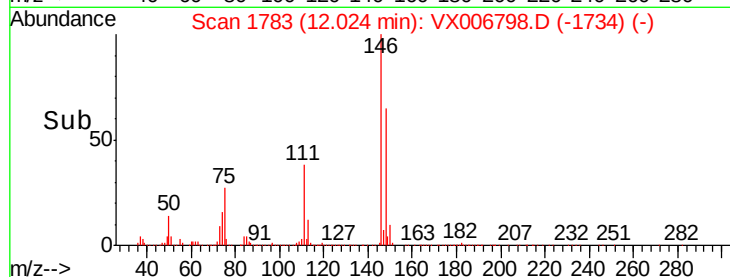
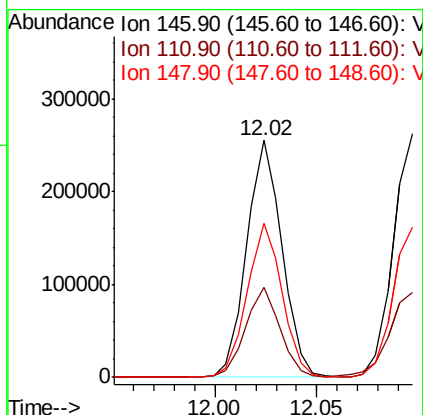
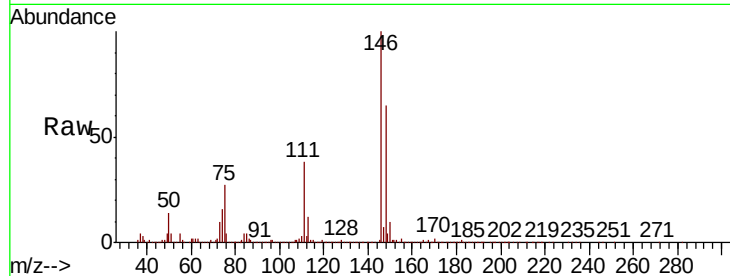
Delta R.T. -0.00 min

Lab File: VX006798.D

Acq: 24 Dec 2018 16:38

Instrument :
MSVOA_X
ClientSampled :
VX1224MBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.6	55.8
148	64.7	31.8	95.3



#88

1,4-Dichlorobenzene

Concen: 19.491 ug/l

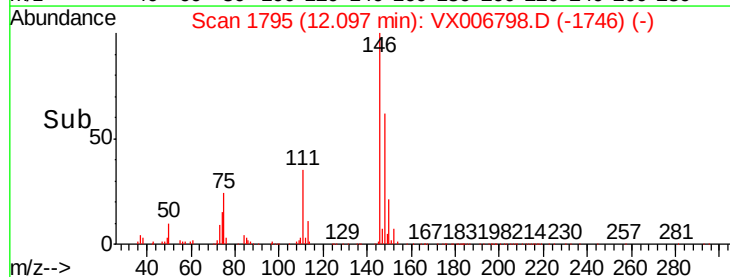
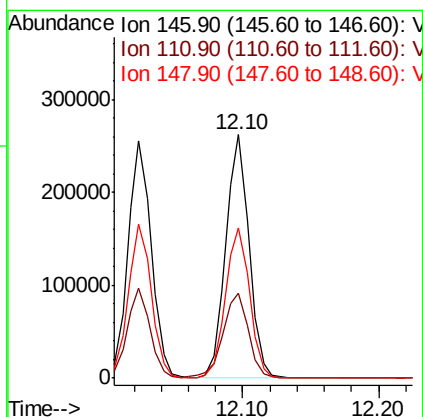
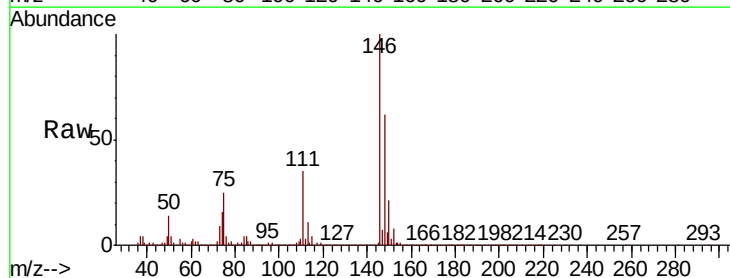
RT: 12.10 min Scan# 1795

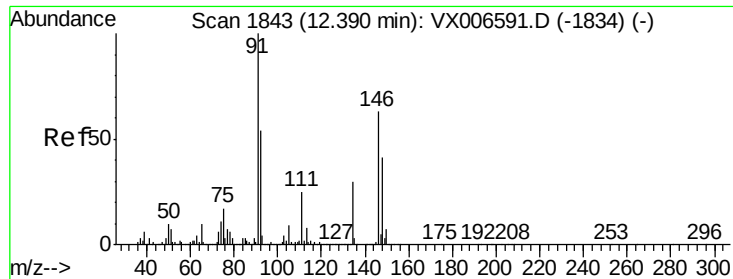
Delta R.T. -0.00 min

Lab File: VX006798.D

Acq: 24 Dec 2018 16:38

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.1	54.1
148	63.9	31.9	95.9

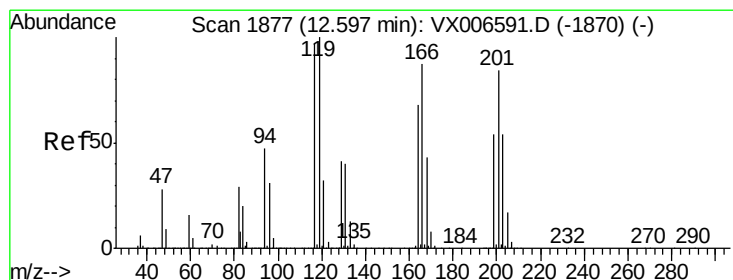
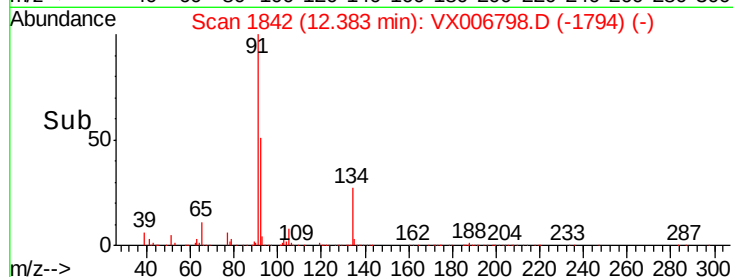
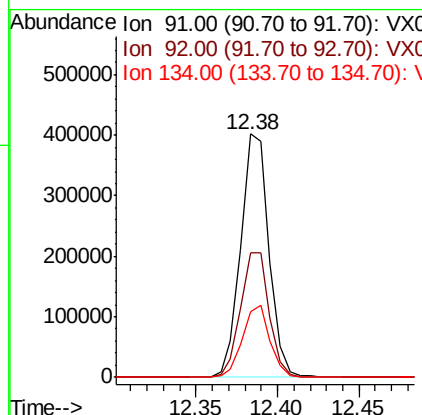
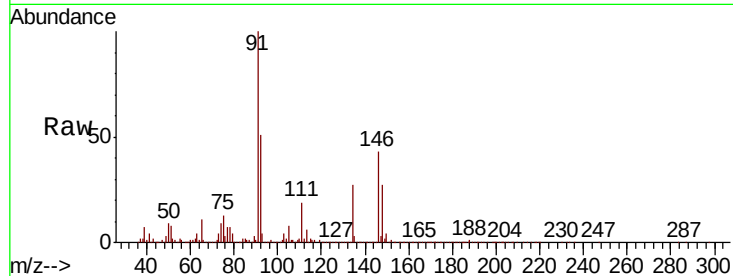




#89
n-Butylbenzene
Concen: 20.010 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX006798.D
Acq: 24 Dec 2018 16:38

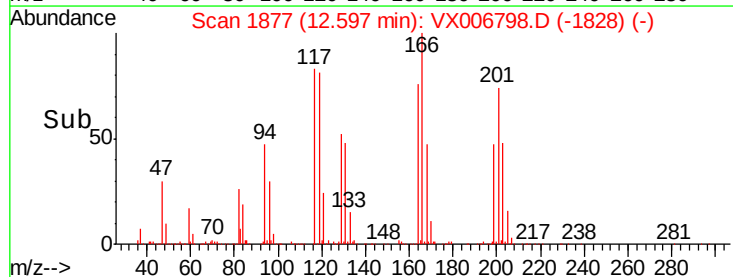
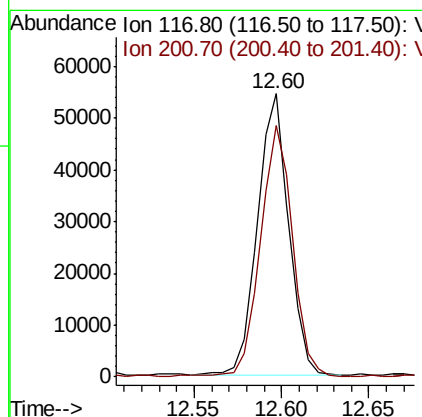
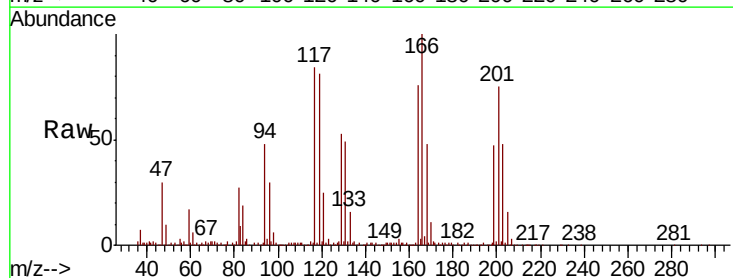
Instrument :
MSVOA_X
ClientSampleId :
VX1224MBSD01

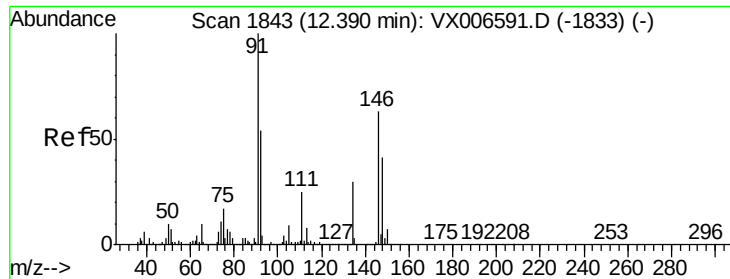
Tot Ion: 91 Resp: 482581
Ion Ratio Lower Upper
91 100
92 52.5 26.8 80.4
134 28.7 14.4 43.2



#90
Hexachloroethane
Concen: 17.555 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006798.D
Acq: 24 Dec 2018 16:38

Tgt Ion: 117 Resp: 67712
Ion Ratio Lower Upper
117 100
201 91.4 42.9 128.7





#91

1,2-Dichlorobenzene

Concen: 20.034 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX006798.D

Acq: 24 Dec 2018 16:38

Instrument :

MSVOA_X

ClientSampleId :

VX1224MBSD01

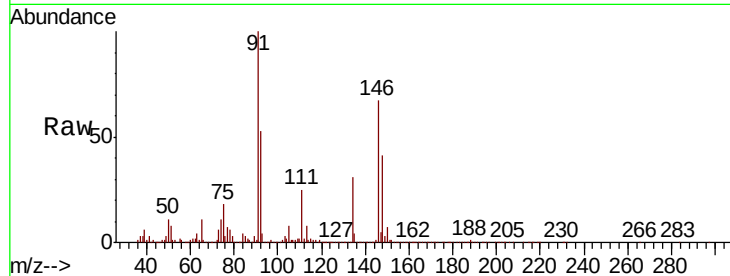
Tot Ion:146 Resp: 311464

Ion Ratio Lower Upper

146 100

111 38.0 19.4 58.2

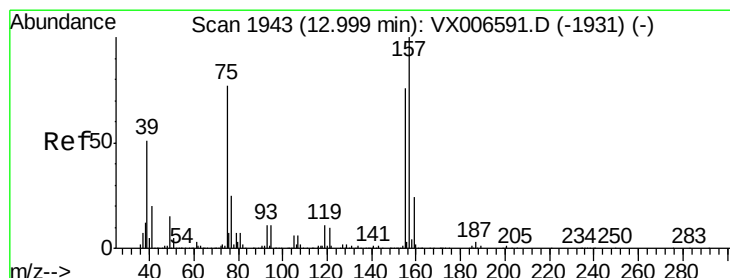
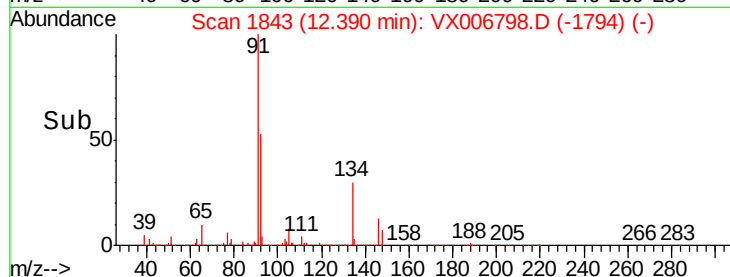
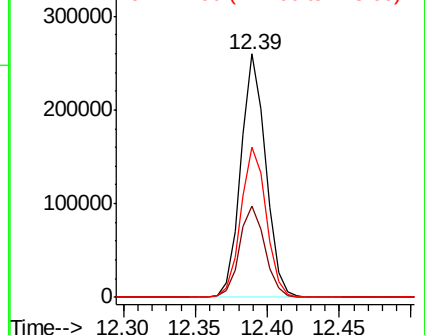
148 63.1 32.3 96.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.646 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX006798.D

Acq: 24 Dec 2018 16:38

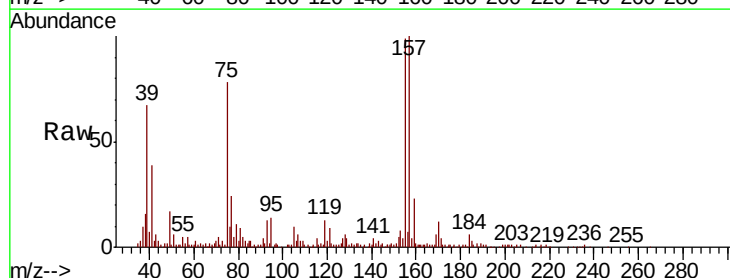
Tgt Ion: 75 Resp: 34635

Ion Ratio Lower Upper

75 100

155 163.7 50.6 151.8#

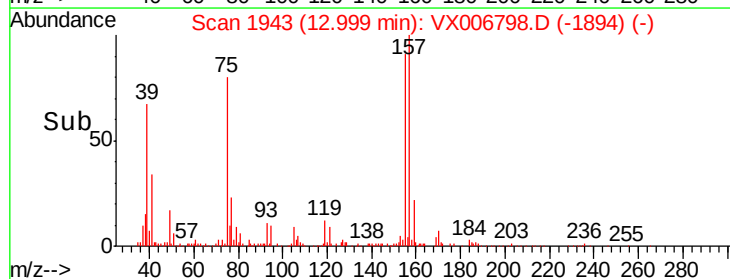
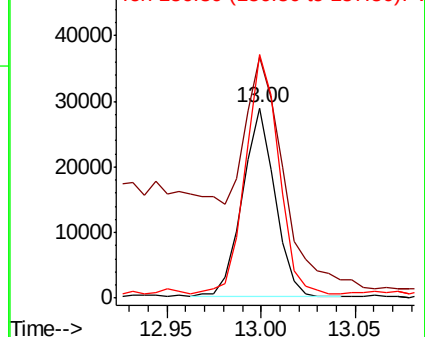
157 129.4 64.6 193.8

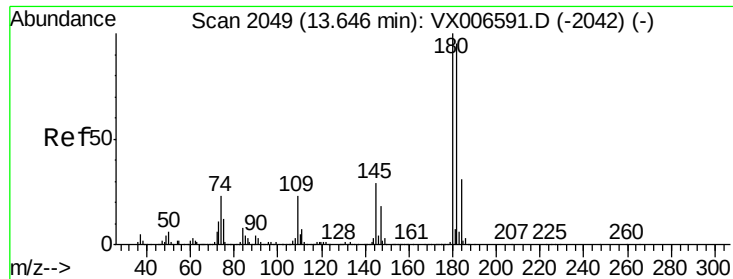


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

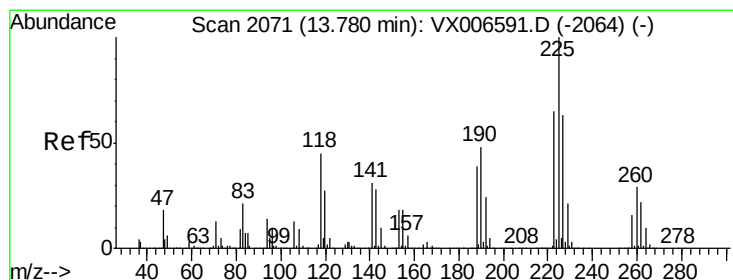
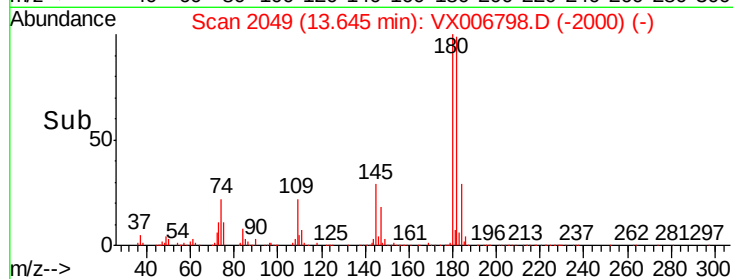
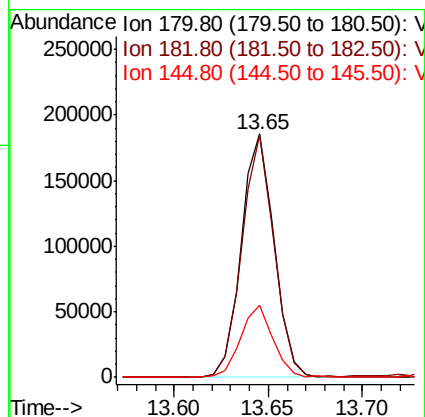
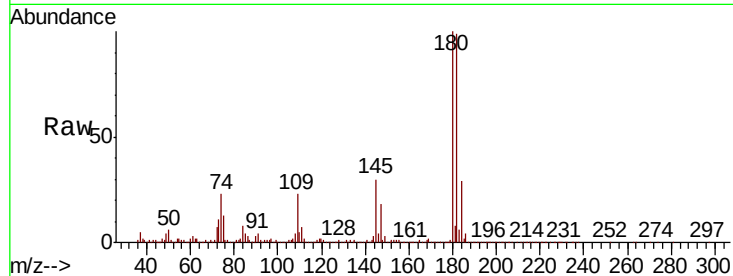




#93
 1,2,4-Trichlorobenzene
 Concen: 20.779 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX006798.D
 Acq: 24 Dec 2018 16:38

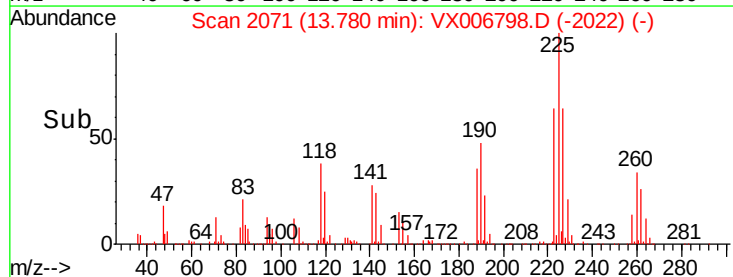
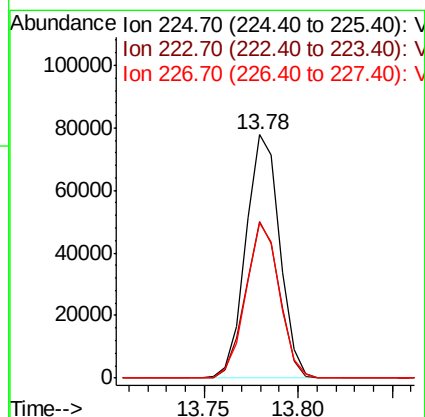
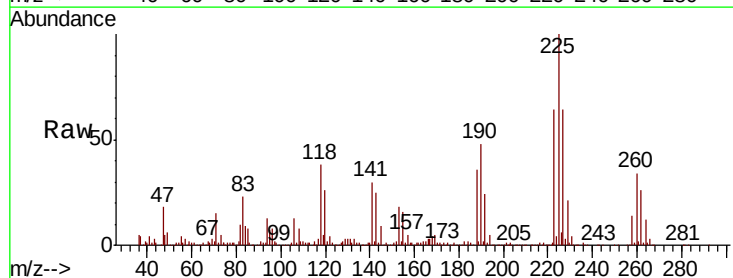
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1224MBSD01

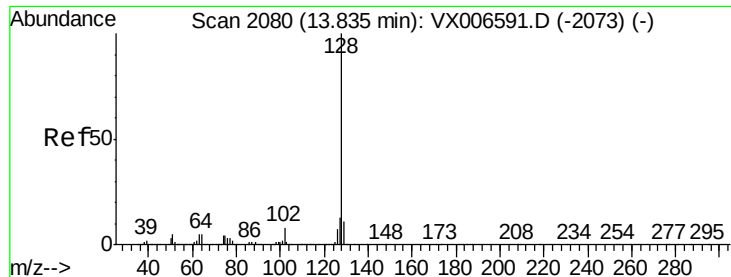
Tot Ion:180 Resp: 222829
 Ion Ratio Lower Upper
 180 100
 182 97.5 47.3 142.0
 145 29.1 14.8 44.3



#94
 Hexachlorobutadiene
 Concen: 19.137 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX006798.D
 Acq: 24 Dec 2018 16:38

Tgt Ion:225 Resp: 96731
 Ion Ratio Lower Upper
 225 100
 223 64.2 32.1 96.3
 227 63.5 32.3 96.8





#95

Naphthalene

Concen: 20.338 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX006798.D

Acq: 24 Dec 2018 16:38

Instrument :

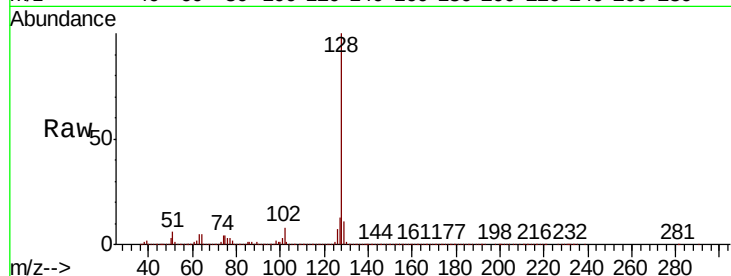
MSVOA_X

ClientSampleId :

VX1224MBSD01

Tot Ion:128 Resp: 696097

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.1	15.1
129	11.1	8.6	13.0



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

800000

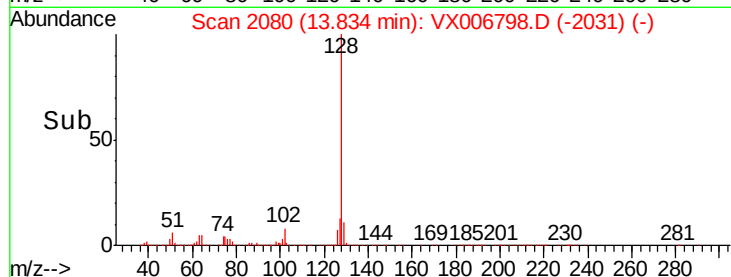
600000

400000

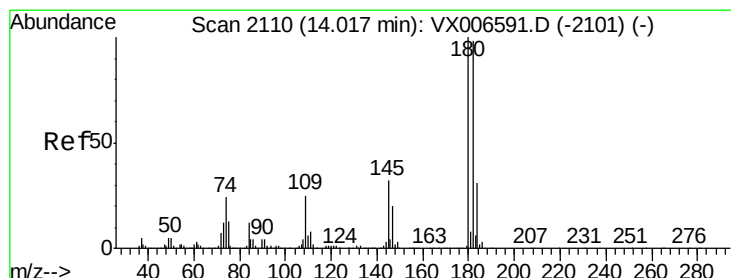
200000

0

13.83



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 20.187 ug/l

RT: 14.02 min Scan# 2110

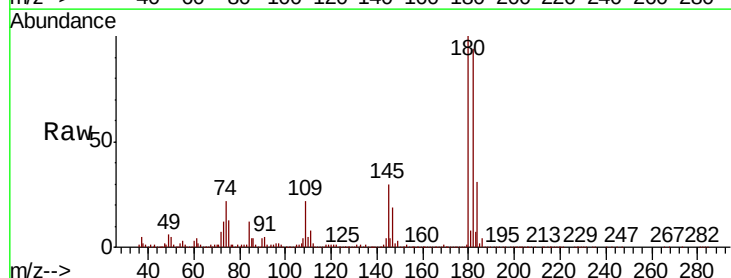
Delta R.T. -0.00 min

Lab File: VX006798.D

Acq: 24 Dec 2018 16:38

Tgt Ion:180 Resp: 223515

Ion	Ratio	Lower	Upper
180	100		
182	94.0	48.5	145.5
145	30.3	16.0	47.9



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

250000

200000

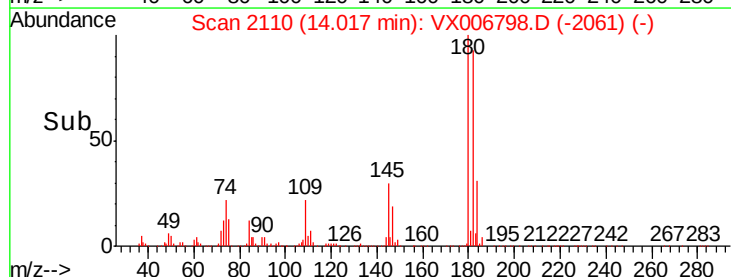
150000

100000

50000

0

14.02



Time-->