

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040919\
 Data File : VX008783.D
 Acq On : 09 Apr 2019 20:05
 Operator : JC/SP
 Sample : VX0409WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 10 06:40:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	175448	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	293014	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	260511	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	119471	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	119927	46.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.72%	
35) Dibromofluoromethane	5.50	113	88026	46.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.98%	
50) Toluene-d8	8.71	98	354726	47.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.10%	
62) 4-Bromofluorobenzene	11.13	95	126515	47.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	32361	16.024	ug/l	98
3) Chloromethane	1.32	50	48811	18.663	ug/l	98
4) Vinyl Chloride	1.41	62	46344	16.975	ug/l	100
5) Bromomethane	1.64	94	23736	18.869	ug/l	98
6) Chloroethane	1.72	64	30273	18.390	ug/l	100
7) Trichlorofluoromethane	1.93	101	52792	17.493	ug/l	99
8) Diethyl Ether	2.19	74	25570	17.867	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	33890	17.442	ug/l	98
10) Methyl Iodide	2.51	142	30976	20.106	ug/l	99
11) Tert butyl alcohol	3.04	59	59049	98.563	ug/l	99
12) 1,1-Dichloroethene	2.37	96	36133	17.814	ug/l	99
13) Acrolein	2.29	56	36490	122.836	ug/l	97
14) Allyl chloride	2.73	41	82388	17.743	ug/l	99
15) Acrylonitrile	3.14	53	147657	93.035	ug/l	99
16) Acetone	2.44	43	126726	85.979	ug/l	96
17) Carbon Disulfide	2.57	76	97986	16.229	ug/l	99
18) Methyl Acetate	2.78	43	71272	19.938	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	134777	18.606	ug/l	100
20) Methylene Chloride	2.86	84	43186	17.504	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	37926	17.286	ug/l	96
22) Diisopropyl ether	3.85	45	166360	18.588	ug/l	89
23) Vinyl Acetate	3.81	43	728995	93.634	ug/l	99
24) 1,1-Dichloroethane	3.70	63	79965	18.046	ug/l	99
25) 2-Butanone	4.67	43	218295	93.706	ug/l	99
26) 2,2-Dichloropropane	4.59	77	49849	15.973	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	45308	17.962	ug/l	96
28) Bromochloromethane	5.01	49	40209	19.902	ug/l	99
29) Tetrahydrofuran	5.13	42	144700	93.585	ug/l	100
30) Chloroform	5.21	83	72698	18.369	ug/l	100
31) Cyclohexane	5.58	56	76006	17.190	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	57831	18.082	ug/l	99
36) 1,1-Dichloropropene	5.80	75	54531	17.025	ug/l	99
37) Ethyl Acetate	4.84	43	80295	18.781	ug/l	98
38) Carbon Tetrachloride	5.79	117	47027	17.740	ug/l	96

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Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 10 06:40:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	64903	16.403	ug/l	98
40) Benzene	6.14	78	172029	18.029	ug/l	100
41) Methacrylonitrile	5.04	41	46192	18.797	ug/l	98
42) 1,2-Dichloroethane	6.20	62	62443	18.254	ug/l	100
43) Isopropyl Acetate	6.45	43	126799	18.933	ug/l	99
44) Trichloroethene	7.21	130	39263	17.667	ug/l	98
45) 1,2-Dichloropropane	7.51	63	49701	18.249	ug/l	100
46) Dibromomethane	7.66	93	27718	17.548	ug/l	97
47) Bromodichloromethane	7.90	83	54623	18.340	ug/l	96
48) Methyl methacrylate	7.77	41	63748	18.817	ug/l	99
49) 1,4-Dioxane	7.74	88	24741	389.852	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	424632	98.494	ug/l	100
52) Toluene	8.78	92	104128	18.510	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	60315	18.079	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	67369	17.673	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	42668	18.896	ug/l	98
56) Ethyl methacrylate	9.18	69	77716	19.022	ug/l	99
57) 1,3-Dichloropropane	9.37	76	75020	18.502	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	195647	93.781	ug/l	99
59) 2-Hexanone	9.49	43	325787	97.237	ug/l	100
60) Dibromochloromethane	9.58	129	39409	18.521	ug/l	99
61) 1,2-Dibromoethane	9.67	107	42663	18.149	ug/l	99
64) Tetrachloroethene	9.34	164	34775	18.017	ug/l	97
65) Chlorobenzene	10.13	112	106925	18.516	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.22	131	37192	18.358	ug/l	100
67) Ethyl Benzene	10.25	91	196403	18.240	ug/l	99
68) m/p-Xylenes	10.36	106	139767	36.100	ug/l	99
69) o-Xylene	10.69	106	70185	18.706	ug/l	96
70) Styrene	10.71	104	120081	18.566	ug/l	99
71) Bromoform	10.85	173	29249	18.904	ug/l #	96
73) Isopropylbenzene	11.02	105	184684	18.653	ug/l	100
74) N-amyl acetate	10.90	43	111961	19.220	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	70210	18.646	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	80230	24.446	ug/l	82
77) Bromobenzene	11.26	156	45360	19.057	ug/l	96
78) n-propylbenzene	11.36	91	209532	18.175	ug/l	100
79) 2-Chlorotoluene	11.42	91	126423	18.121	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	155596	18.722	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	20732	17.413	ug/l	95
82) 4-Chlorotoluene	11.51	91	143915	17.821	ug/l	98
83) tert-Butylbenzene	11.77	119	147355	18.429	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	155811	18.515	ug/l	100
85) sec-Butylbenzene	11.94	105	175107	18.437	ug/l	100
86) p-Isopropyltoluene	12.06	119	156501	18.359	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	77916	18.286	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	75978	17.609	ug/l	98
89) n-Butylbenzene	12.38	91	143235	17.917	ug/l	100
90) Hexachloroethane	12.60	117	25596	18.103	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	77549	18.330	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	15430	18.628	ug/l	98

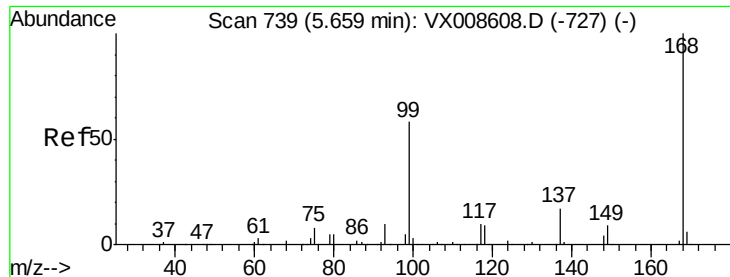
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX040919\
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Instrument :
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ClientSampleId :

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	54388	18.489	ug/l	99
94) Hexachlorobutadiene	13.78	225	26636	18.881	ug/l	100
95) Naphthalene	13.83	128	184803	18.797	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	53785	18.300	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008783.D

Acq: 09 Apr 2019 20:05

Instrument :

MSVOA_X

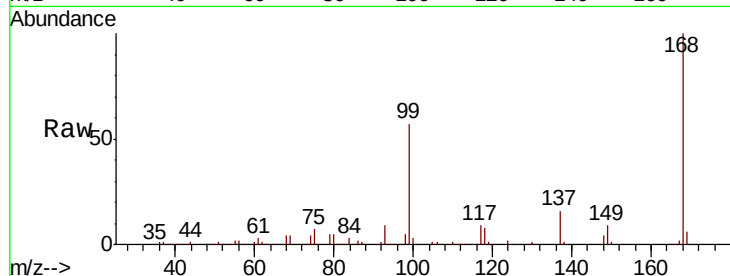
ClientSampleId :

Tot Ion:168 Resp: 175448

Ion Ratio Lower Upper

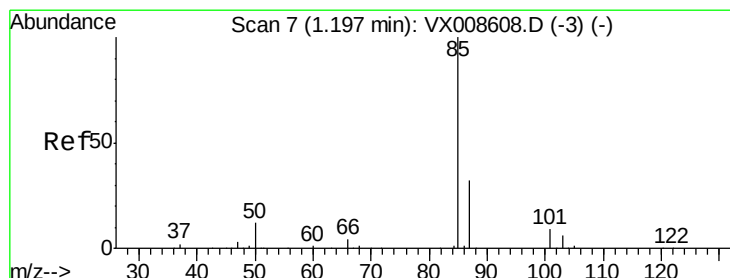
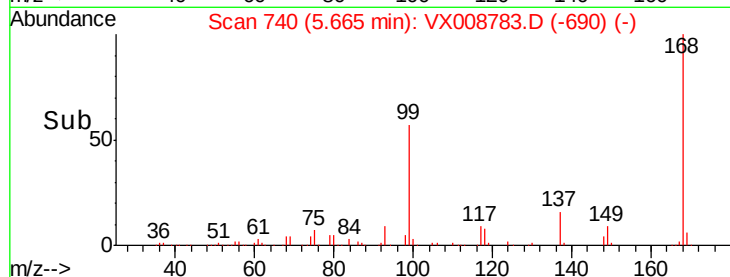
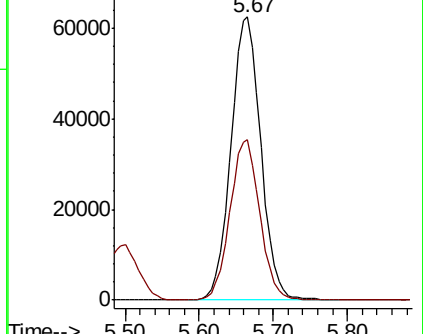
168 100

99 56.6 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 16.024 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008783.D

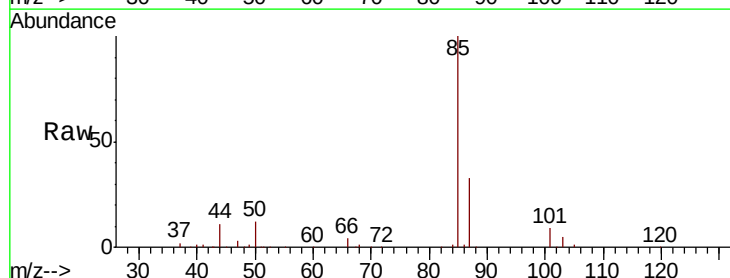
Acq: 09 Apr 2019 20:05

Tgt Ion: 85 Resp: 32361

Ion Ratio Lower Upper

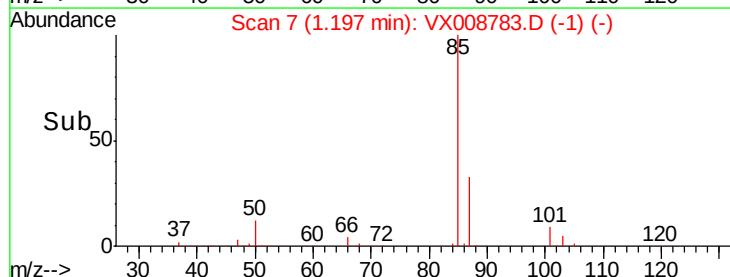
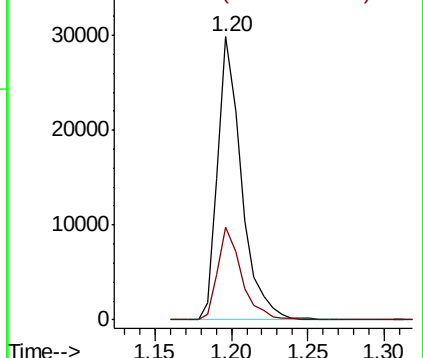
85 100

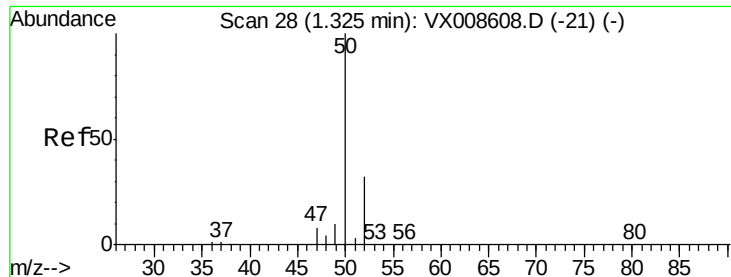
87 32.7 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.663 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008783.D

Acq: 09 Apr 2019 20:05

Instrument :

MSVOA_X

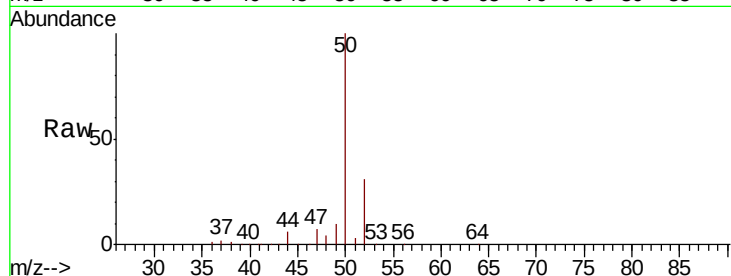
ClientSampleId :

Tot Ion: 50 Resp: 48811

Ion Ratio Lower Upper

50 100

52 31.3 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

40000

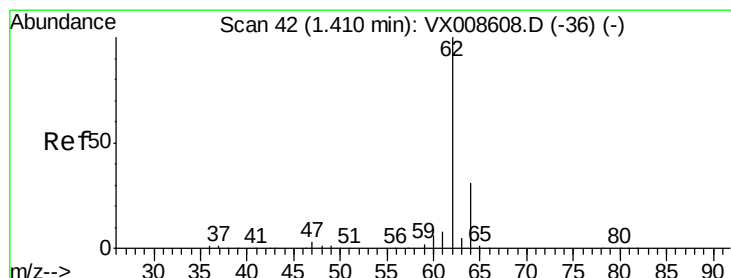
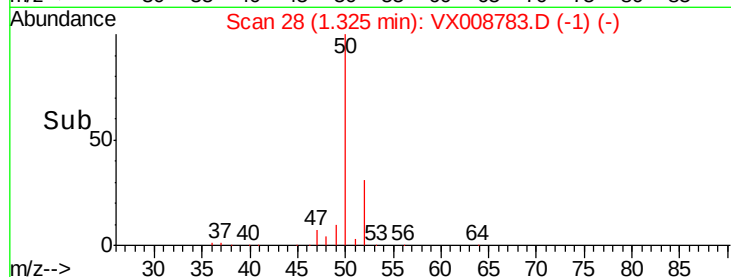
30000

20000

10000

0

Time--> 1.25 1.30 1.35 1.40



#4

Vinyl Chloride

Concen: 16.975 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008783.D

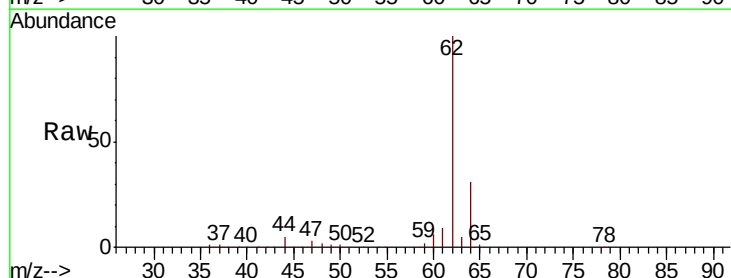
Acq: 09 Apr 2019 20:05

Tgt Ion: 62 Resp: 46344

Ion Ratio Lower Upper

62 100

64 30.7 24.7 37.1



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

40000

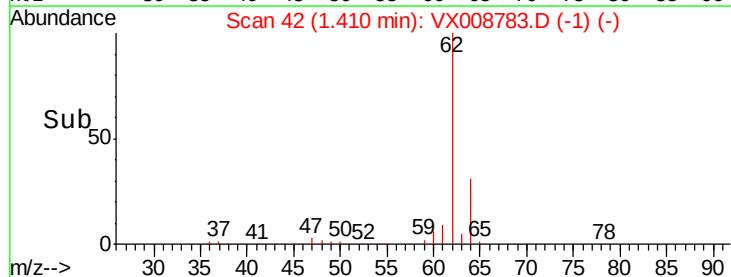
30000

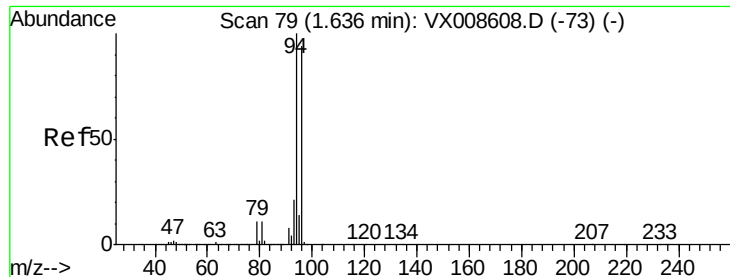
20000

10000

0

Time--> 1.35 1.40 1.45 1.50





#5

Bromomethane

Concen: 18.869 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008783.D

Acq: 09 Apr 2019 20:05

Instrument :

MSVOA_X

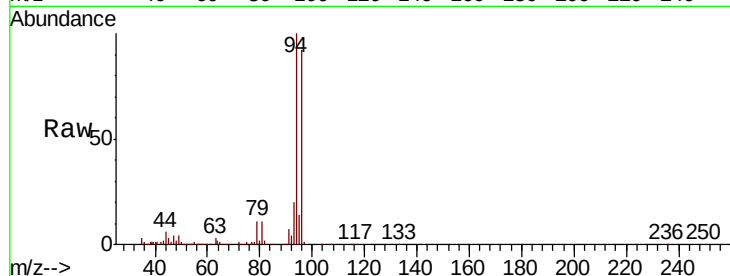
ClientSampled :

Tot Ion: 94 Resp: 23736

Ion Ratio Lower Upper

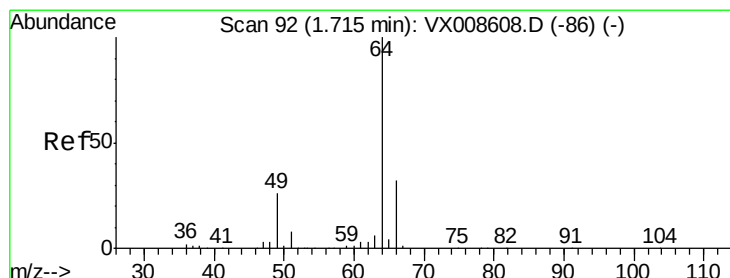
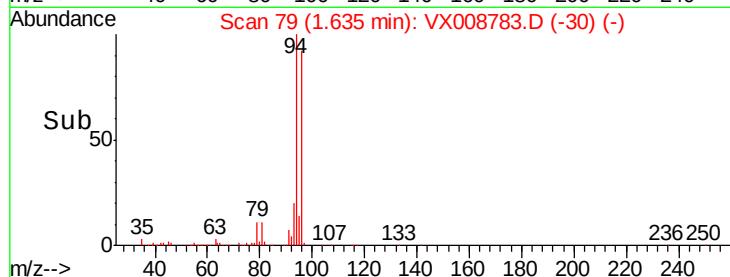
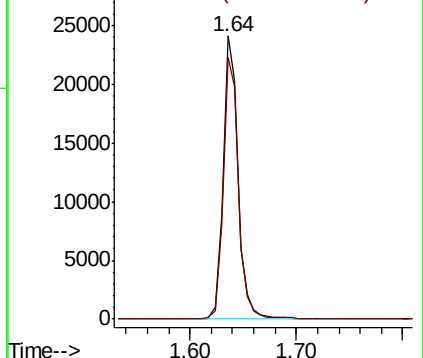
94 100

96 92.5 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 18.390 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX008783.D

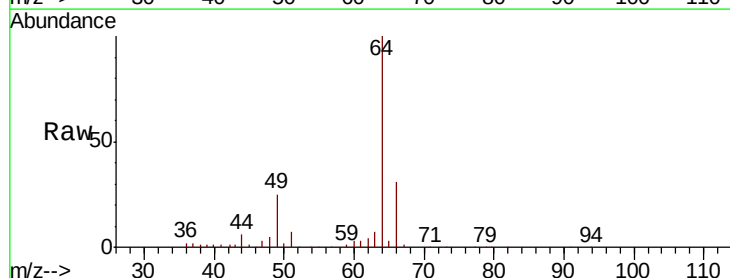
Acq: 09 Apr 2019 20:05

Tgt Ion: 64 Resp: 30273

Ion Ratio Lower Upper

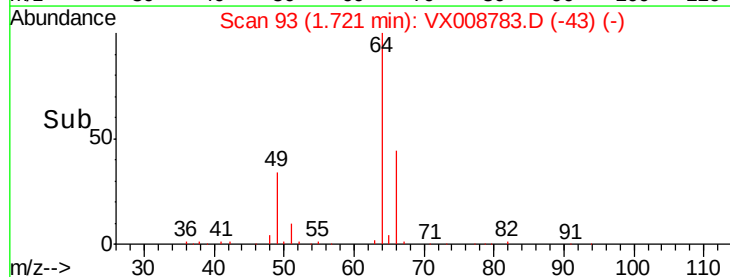
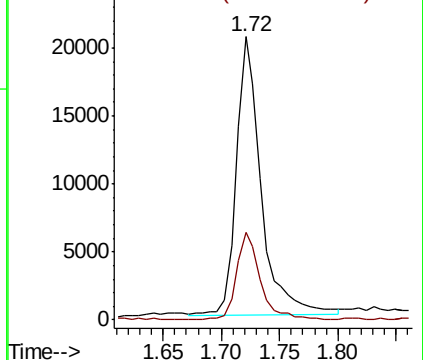
64 100

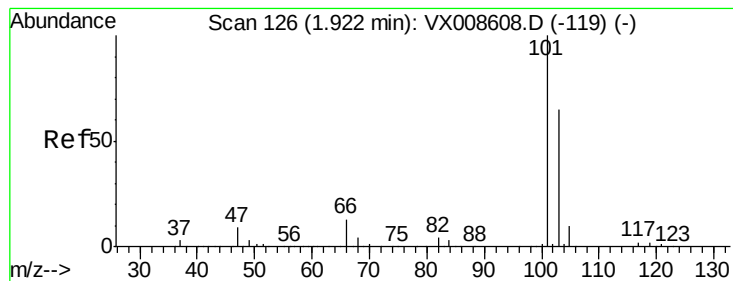
66 31.4 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



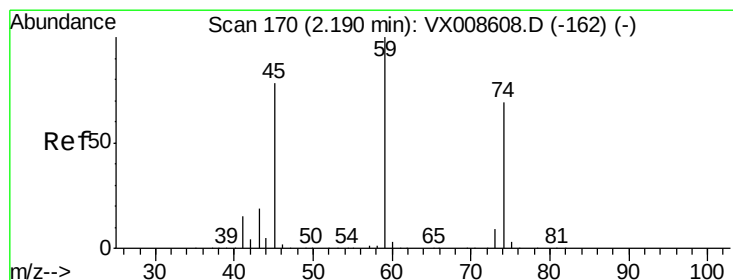
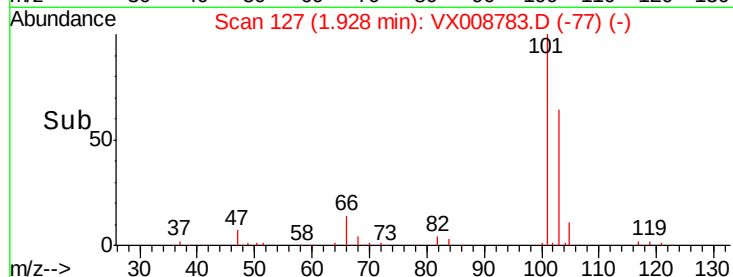
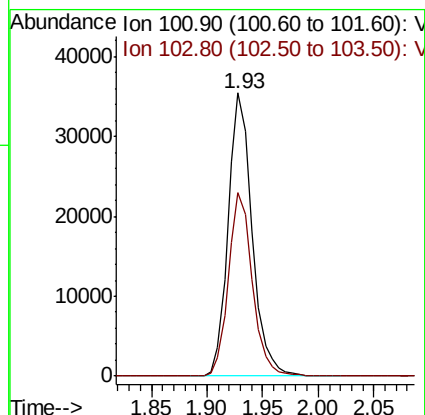
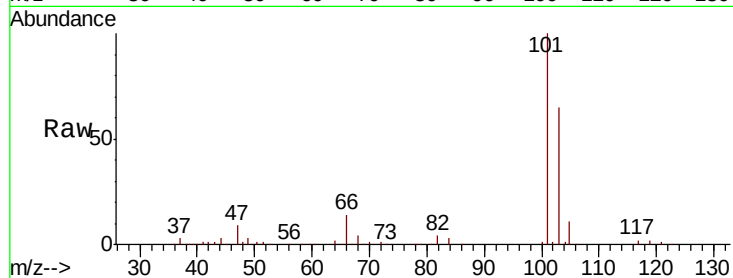


#7

Trichlorofluoromethane
 Concen: 17.493 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX008783.D
 Acq: 09 Apr 2019 20:05

Instrument :
 MSVOA_X
 ClientSampleId :

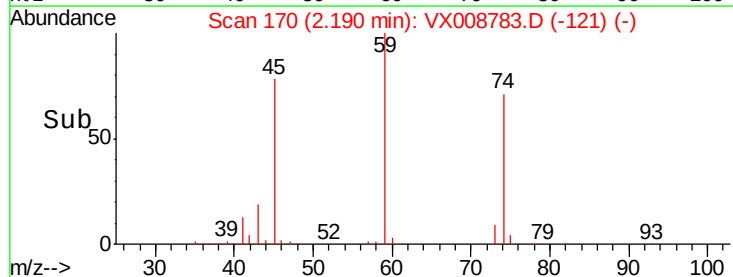
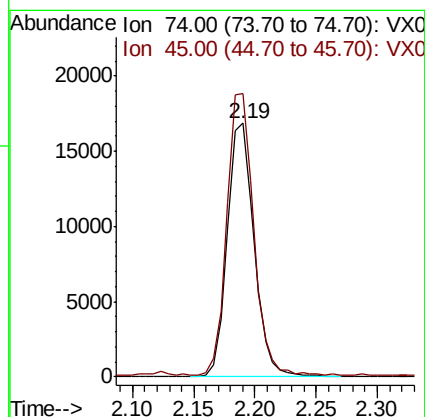
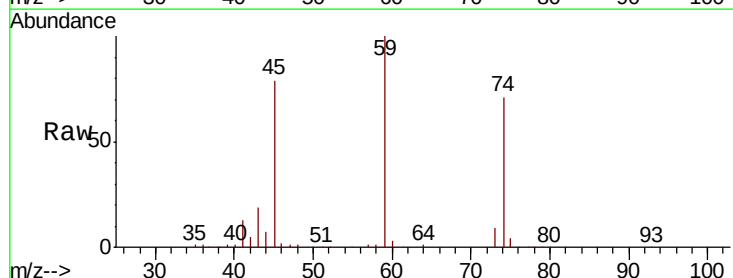
Tot Ion:101 Resp: 52792
 Ion Ratio Lower Upper
 101 100
 103 64.6 52.3 78.5

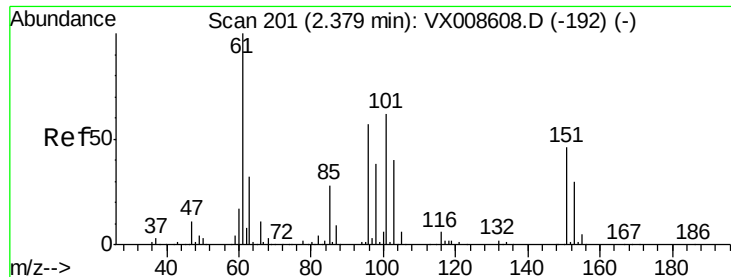


#8

Diethyl Ether
 Concen: 17.867 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX008783.D
 Acq: 09 Apr 2019 20:05

Tgt Ion: 74 Resp: 25570
 Ion Ratio Lower Upper
 74 100
 45 111.3 56.5 169.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.442 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX008783.D

Acq: 09 Apr 2019 20:05

Instrument :

MSVOA_X

ClientSampleId :

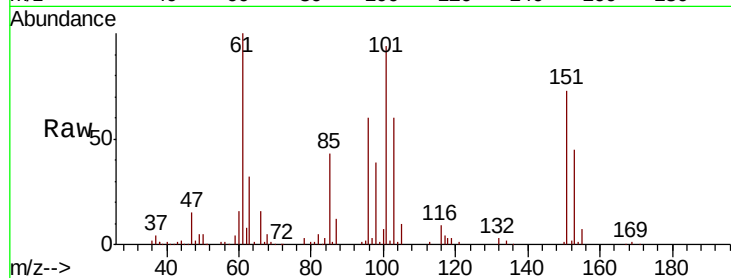
Tot Ion:101 Resp: 33890

Ion Ratio Lower Upper

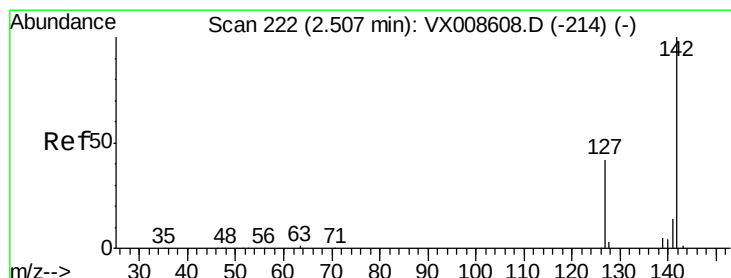
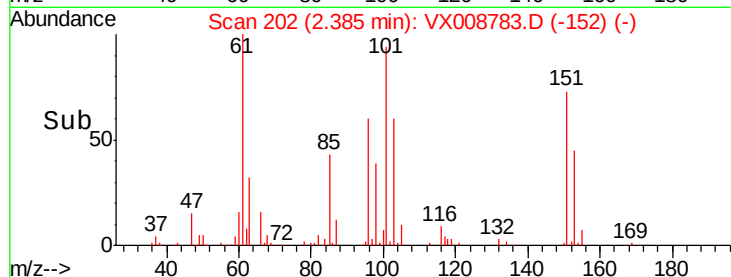
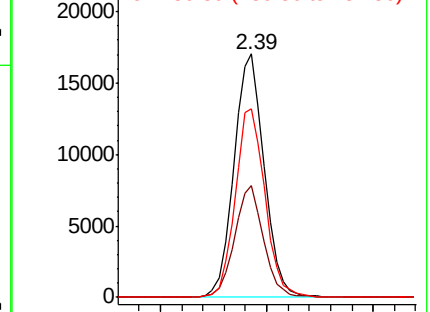
101 100

85 44.0 36.0 54.0

151 76.5 59.9 89.9



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: 20.106 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX008783.D

Acq: 09 Apr 2019 20:05

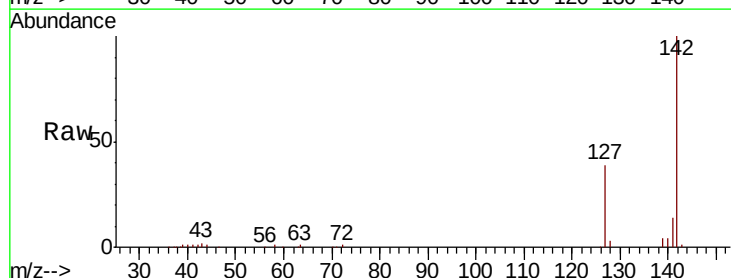
Tgt Ion:142 Resp: 30976

Ion Ratio Lower Upper

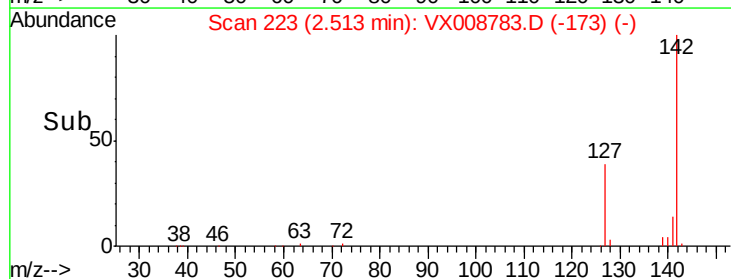
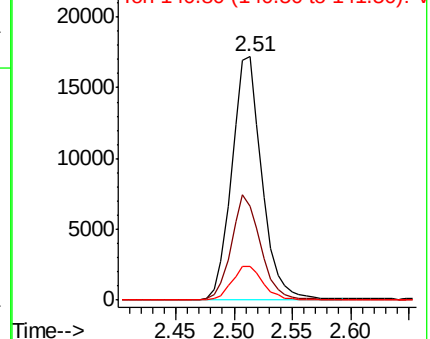
142 100

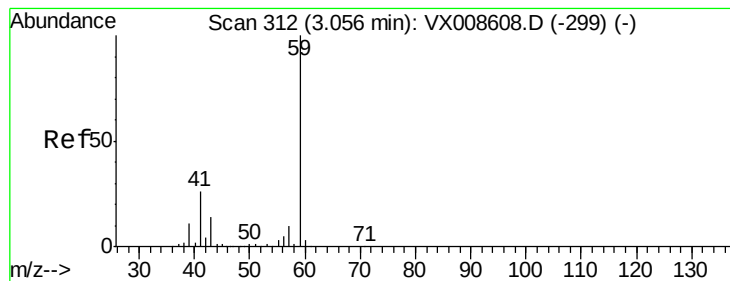
127 41.9 33.0 49.6

141 14.4 11.4 17.2



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



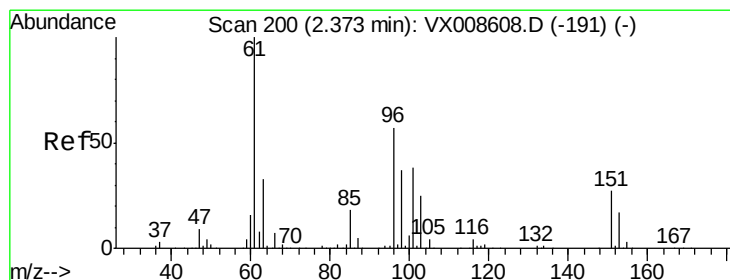
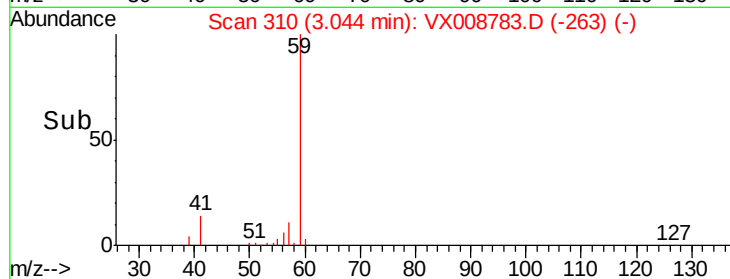
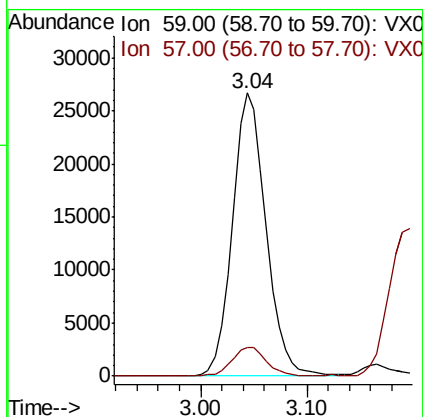
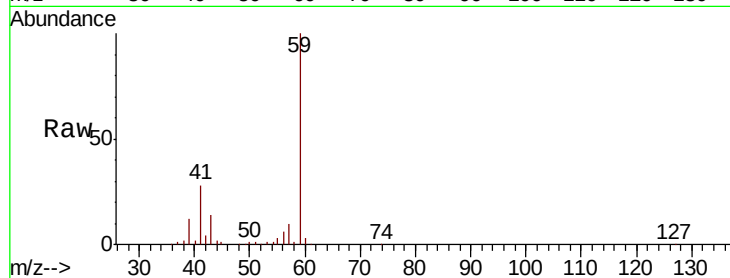


#11

Tert butyl alcohol
 Concen: 98.563 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. -0.01 min
 Lab File: VX008783.D
 Acq: 09 Apr 2019 20:05

Instrument :
 MSVOA_X
 ClientSampleId :

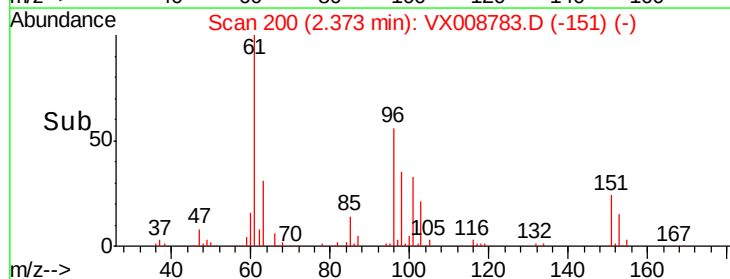
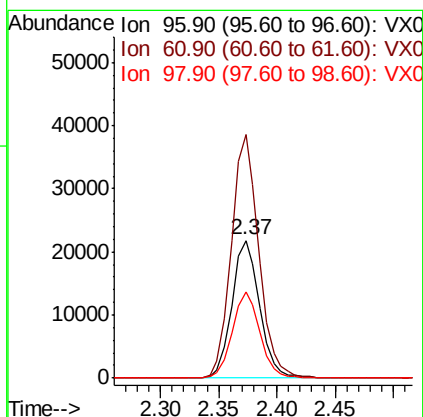
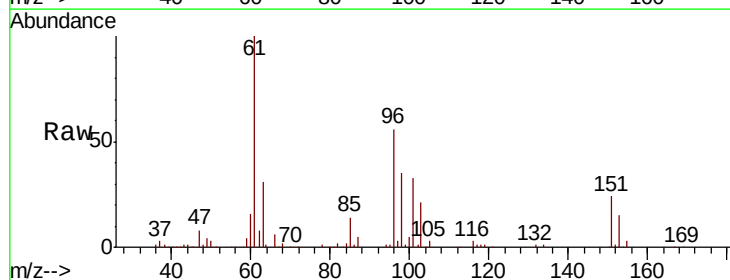
Tot Ion: 59 Resp: 59049
 Ion Ratio Lower Upper
 59 100
 57 10.7 8.3 12.5

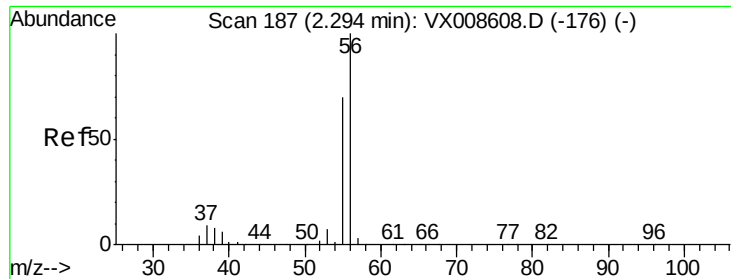


#12

1,1-Dichloroethene
 Concen: 17.814 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX008783.D
 Acq: 09 Apr 2019 20:05

Tgt Ion: 96 Resp: 36133
 Ion Ratio Lower Upper
 96 100
 61 177.1 140.9 211.3
 98 62.8 52.1 78.1





#13

Acrolein

Concen: 122.836 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008783.D

Acq: 09 Apr 2019 20:05

Instrument :

MSVOA_X

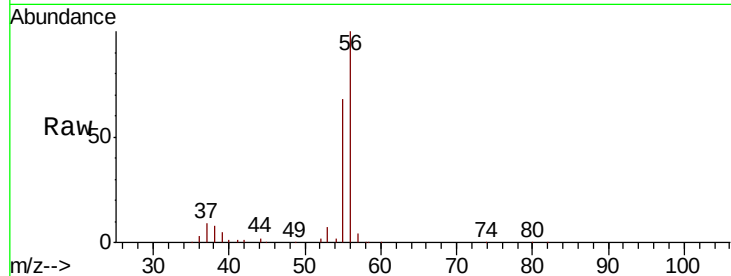
ClientSampleId :

Tot Ion: 56 Resp: 36490

Ion Ratio Lower Upper

56 100

55 70.2 58.0 87.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

25000

20000

15000

10000

5000

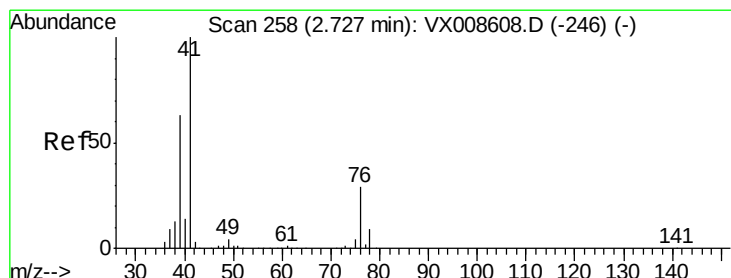
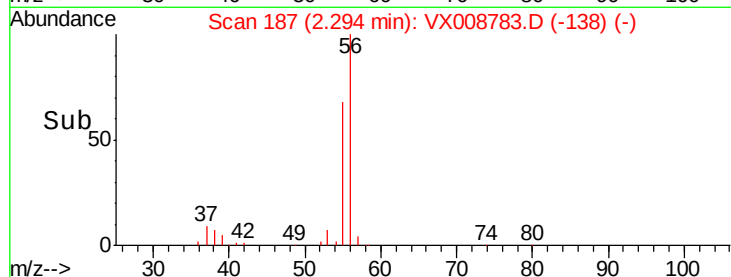
0

2.29

2.30

2.40

Time-->



#14

Allyl chloride

Concen: 17.743 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX008783.D

Acq: 09 Apr 2019 20:05

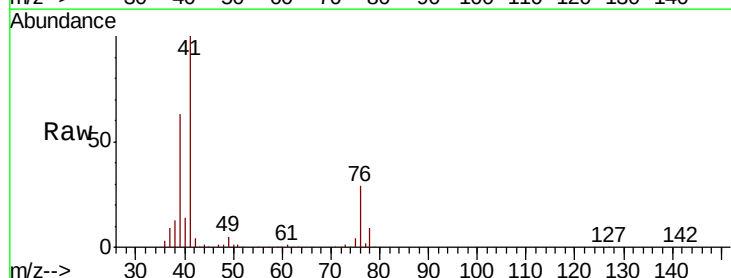
Tgt Ion: 41 Resp: 82388

Ion Ratio Lower Upper

41 100

39 59.5 48.0 72.0

76 26.8 22.0 33.0



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

50000

40000

30000

20000

10000

0

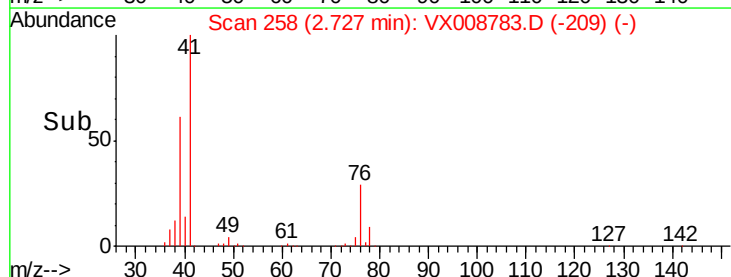
2.73

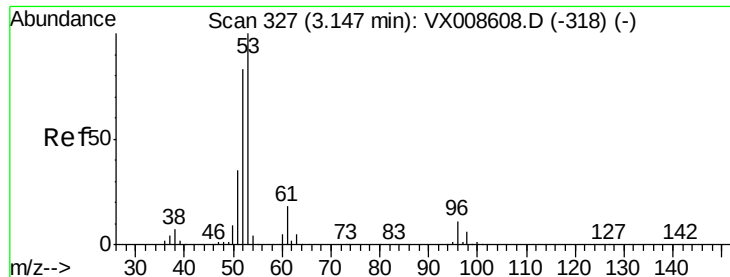
2.60

2.70

2.80

Time-->





#15

Acrylonitrile

Concen: 93.035 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX008783.D

Acq: 09 Apr 2019 20:05

Instrument :

MSVOA_X

ClientSampleId :

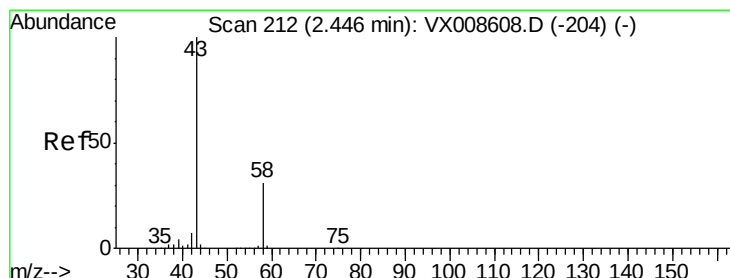
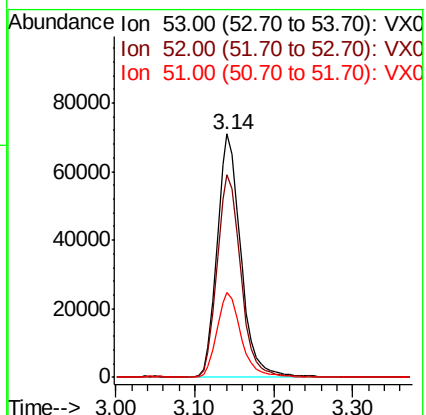
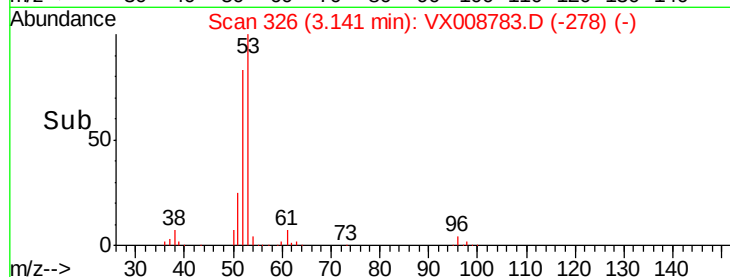
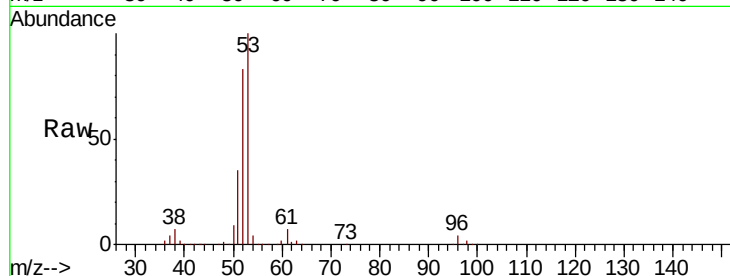
Tot Ion: 53 Resp: 147657

Ion Ratio Lower Upper

53 100

52 83.8 66.5 99.7

51 35.9 28.6 42.8



#16

Acetone

Concen: 85.979 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX008783.D

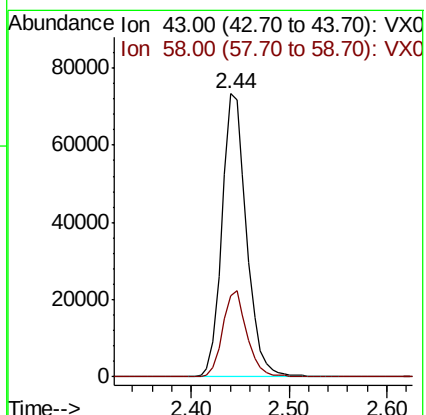
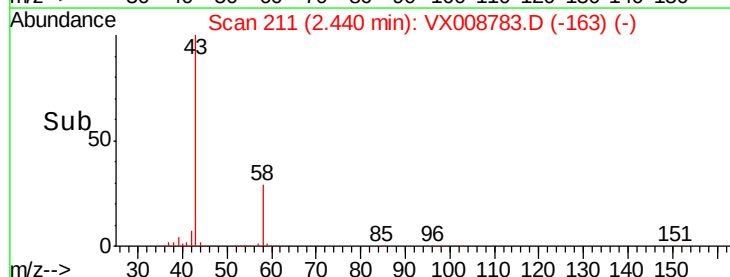
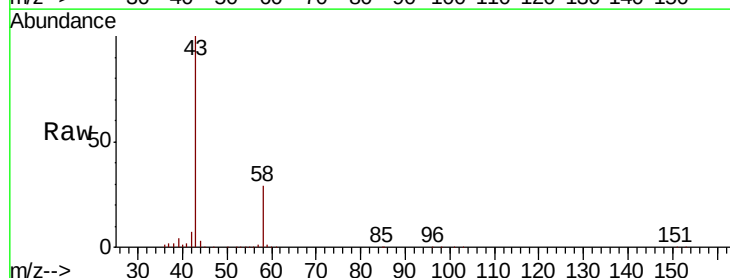
Acq: 09 Apr 2019 20:05

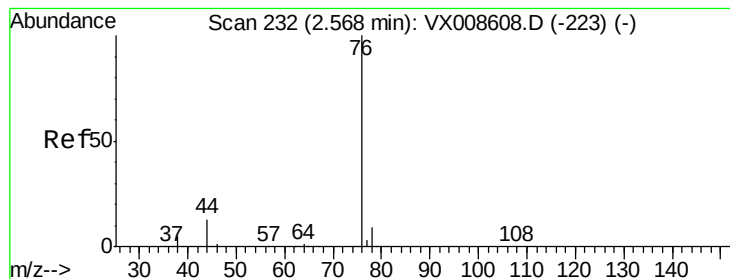
Tgt Ion: 43 Resp: 126726

Ion Ratio Lower Upper

43 100

58 28.6 24.8 37.2





#17

Carbon Disulfide

Concen: 16.229 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX008783.D

Acq: 09 Apr 2019 20:05

Instrument :

MSVOA_X

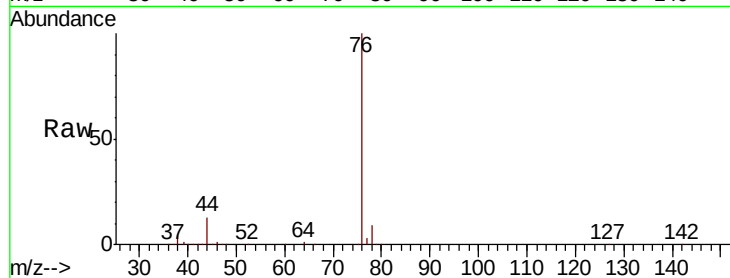
ClientSampleId :

Tot Ion: 76 Resp: 97986

Ion Ratio Lower Upper

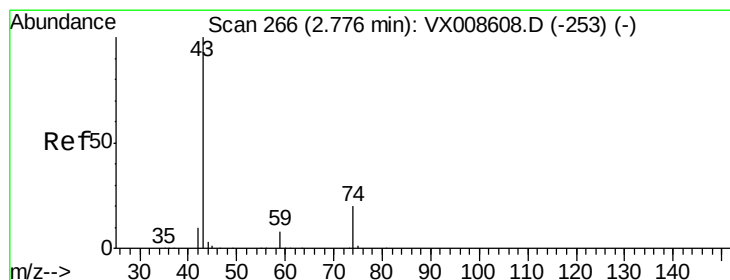
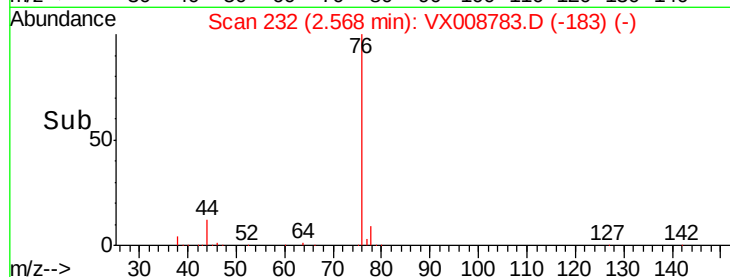
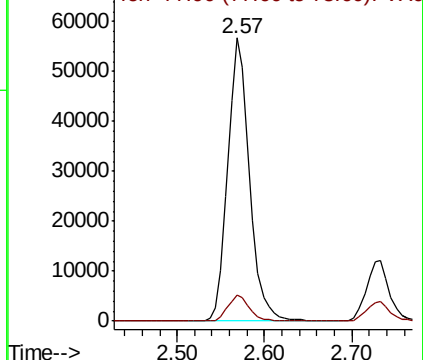
76 100

78 9.3 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 19.938 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX008783.D

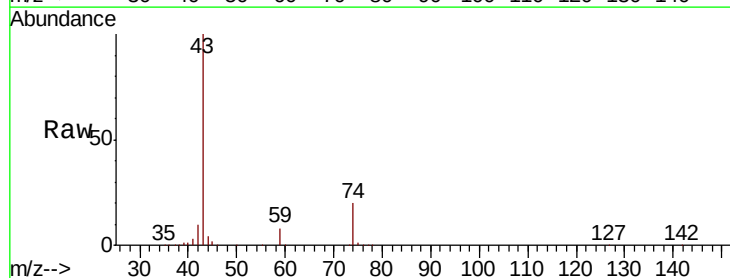
Acq: 09 Apr 2019 20:05

Tgt Ion: 43 Resp: 71272

Ion Ratio Lower Upper

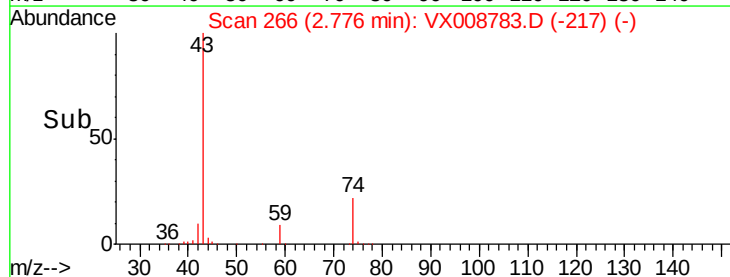
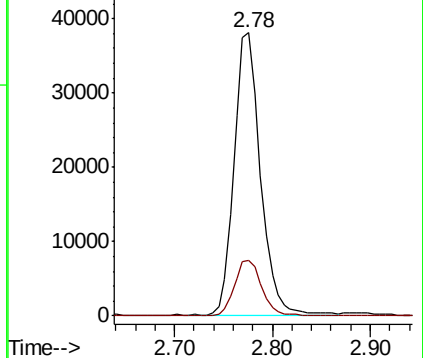
43 100

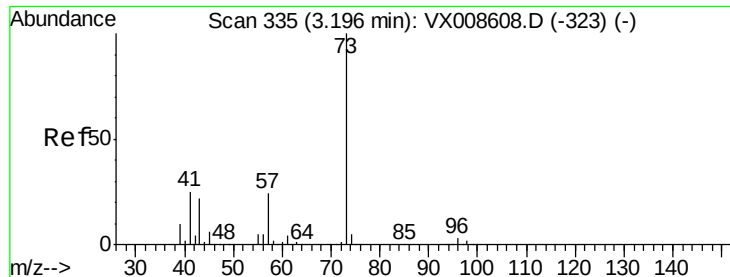
74 20.7 16.5 24.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



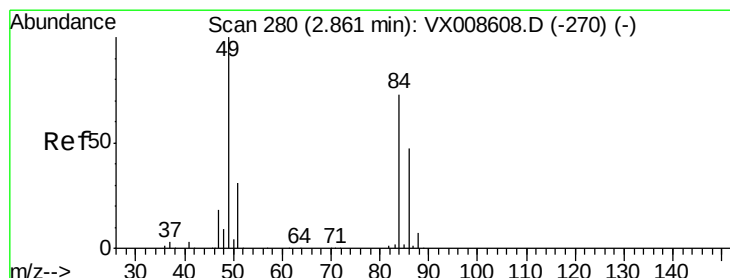
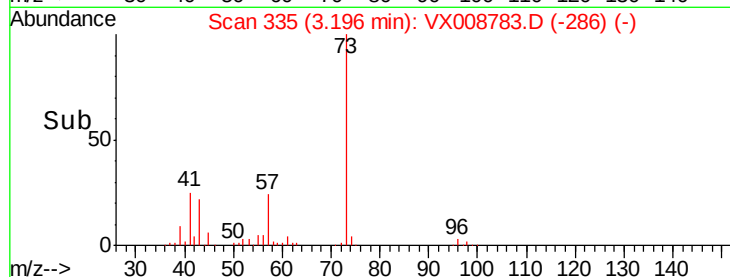
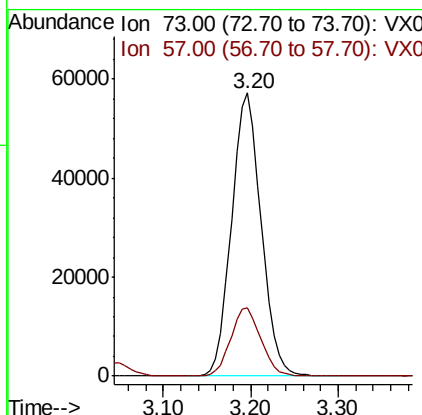
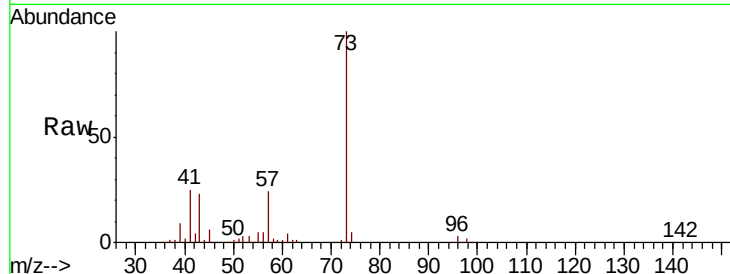


#19

Methyl tert-butyl Ether
 Concen: 18.606 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. -0.00 min
 Lab File: VX008783.D
 Acq: 09 Apr 2019 20:05

Instrument :
 MSVOA_X
 ClientSampleId :

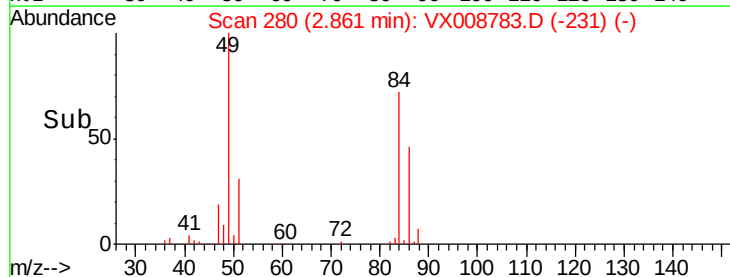
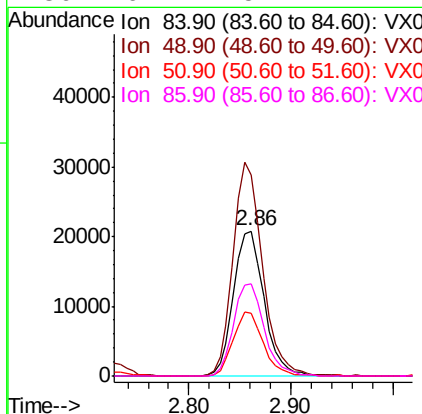
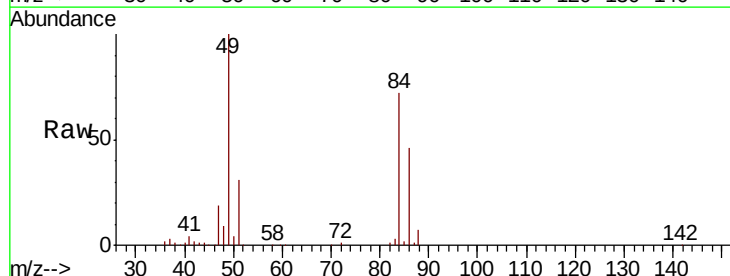
Tot Ion: 73 Resp: 134777
 Ion Ratio Lower Upper
 73 100
 57 24.2 19.5 29.3

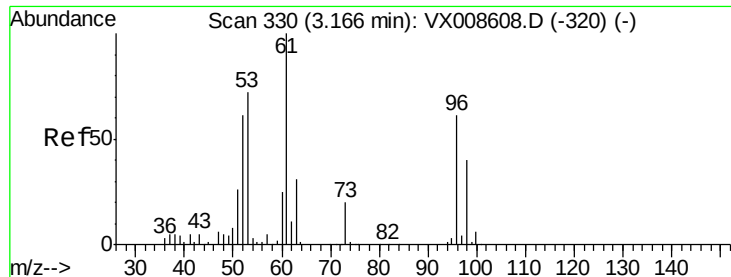


#20

Methylene Chloride
 Concen: 17.504 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. -0.00 min
 Lab File: VX008783.D
 Acq: 09 Apr 2019 20:05

Tgt Ion: 84 Resp: 43186
 Ion Ratio Lower Upper
 84 100
 49 138.6 109.7 164.5
 51 43.5 33.6 50.4
 86 64.1 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 17.286 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008783.D

Acq: 09 Apr 2019 20:05

Instrument :

MSVOA_X

ClientSampleId :

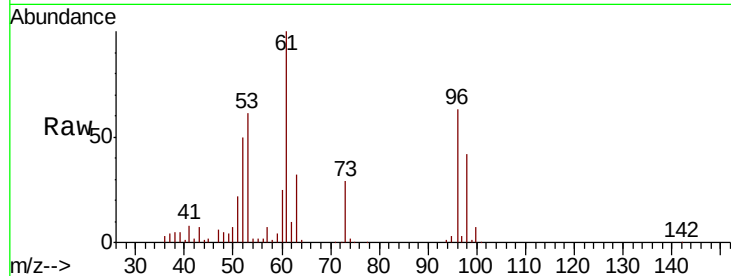
Tot Ion: 96 Resp: 37926

Ion Ratio Lower Upper

96 100

61 158.3 132.1 198.1

98 66.7 52.2 78.2

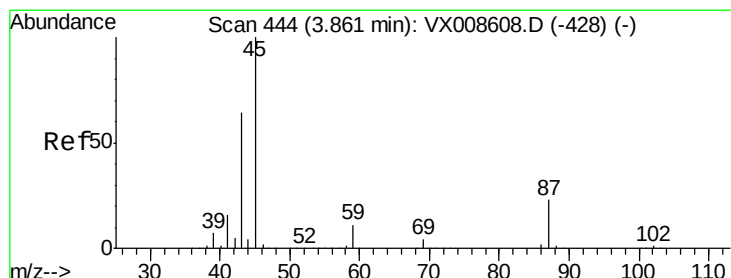
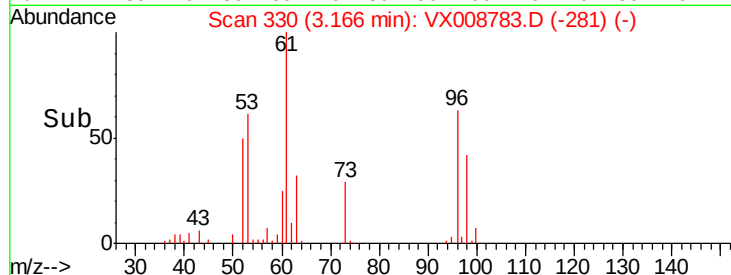
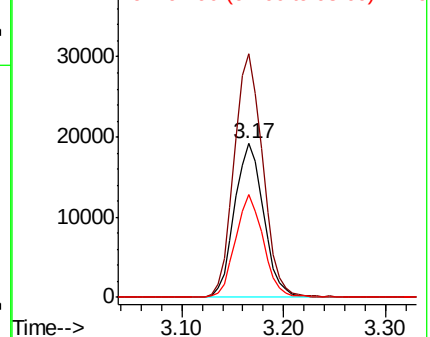


Abundance

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: 18.588 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.01 min

Lab File: VX008783.D

Acq: 09 Apr 2019 20:05

Tgt Ion: 45 Resp: 166360

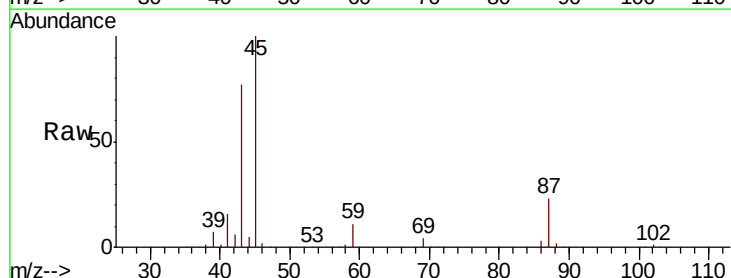
Ion Ratio Lower Upper

45 100

43 76.8 51.3 76.9

87 22.9 18.1 27.1

59 10.8 8.6 13.0



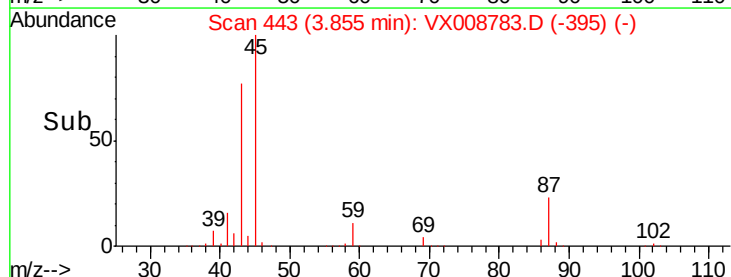
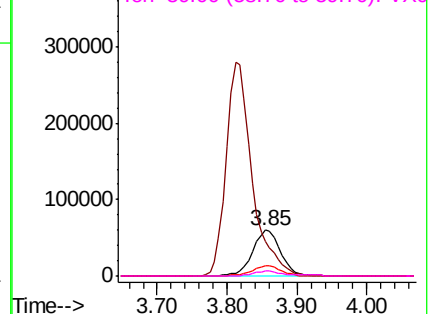
Abundance

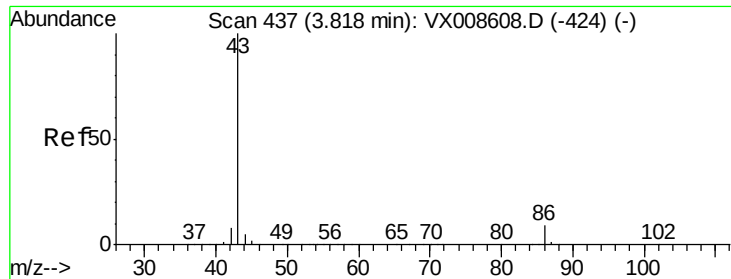
Ion 45.00 (44.70 to 45.70): VX0

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: 93.634 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX008783.D

Acq: 09 Apr 2019 20:05

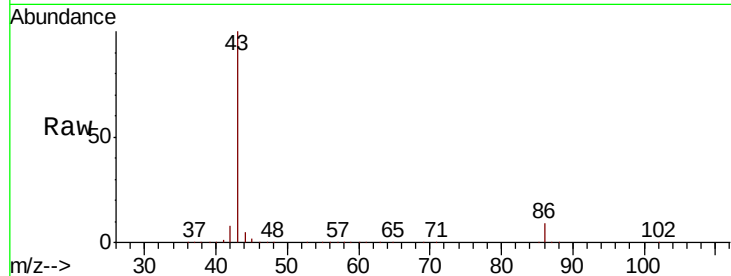
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 728995

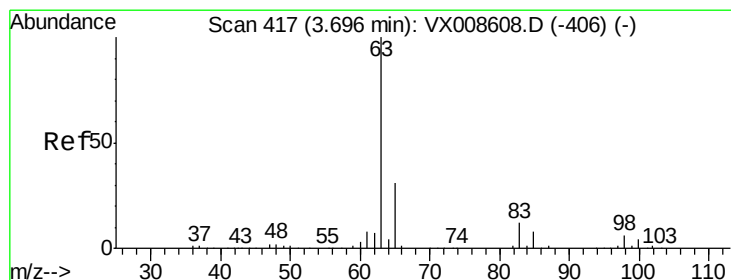
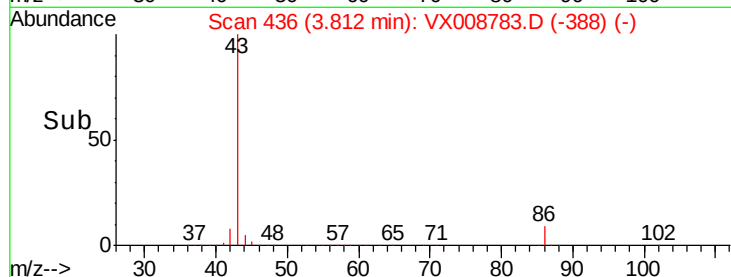
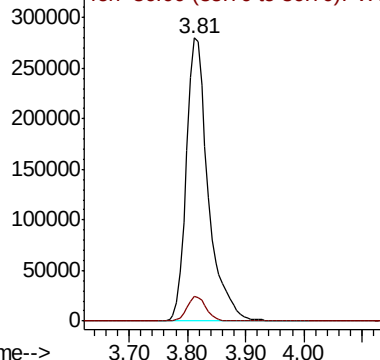
Ion Ratio Lower Upper

43 100

86 8.6 7.0 10.6



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 18.046 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX008783.D

Acq: 09 Apr 2019 20:05

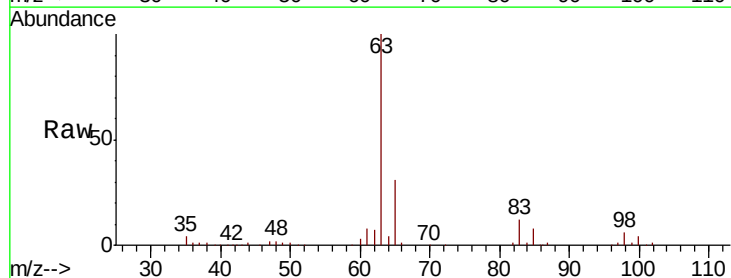
Tgt Ion: 63 Resp: 79965

Ion Ratio Lower Upper

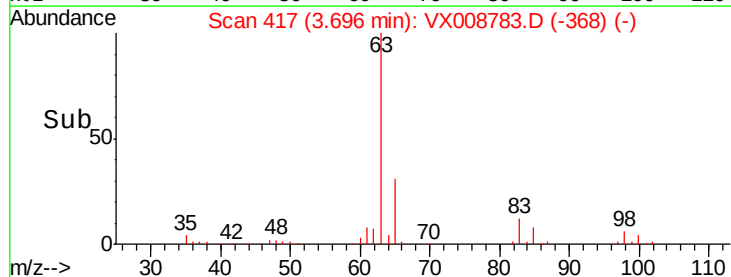
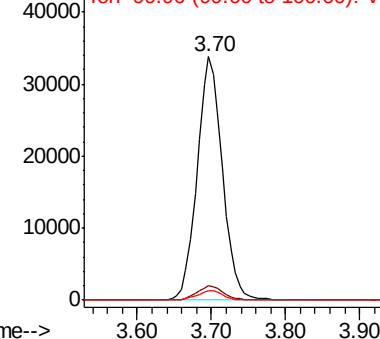
63 100

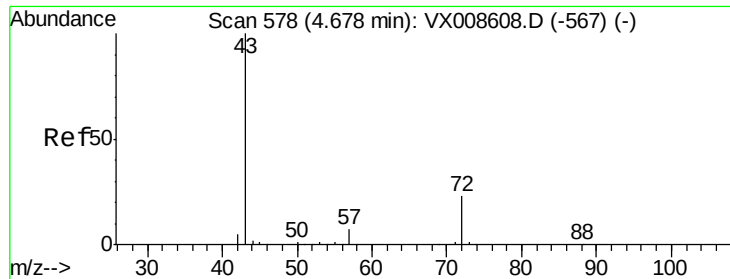
98 6.1 2.8 8.4

100 4.0 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 97.90 (97.60 to 98.60): VX0
Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 93.706 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.01 min

Lab File: VX008783.D

Acq: 09 Apr 2019 20:05

Instrument :

MSVOA_X

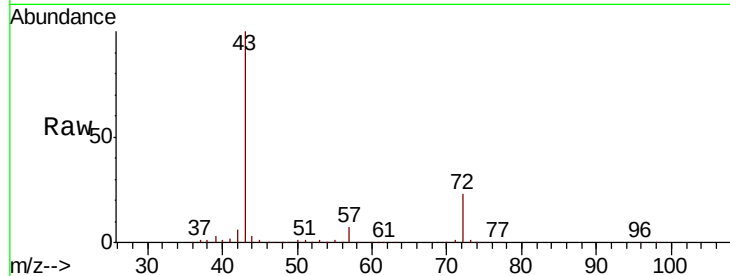
ClientSampled :

Tot Ion: 43 Resp: 218295

Ion Ratio Lower Upper

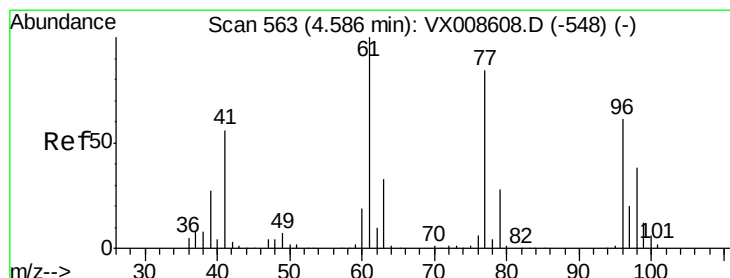
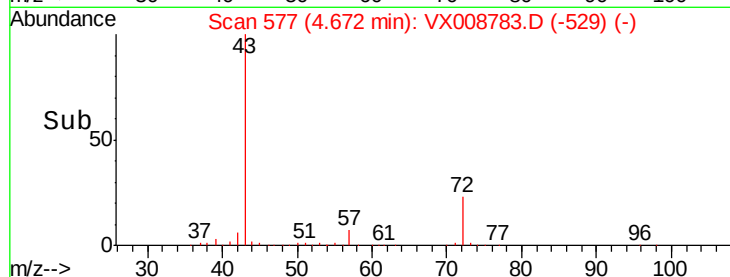
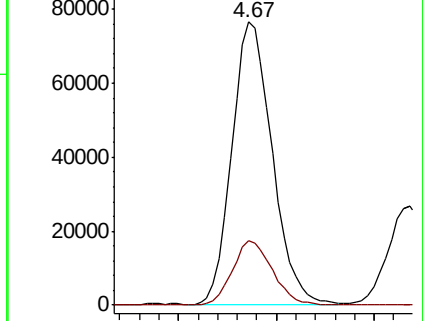
43 100

72 22.4 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 15.973 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX008783.D

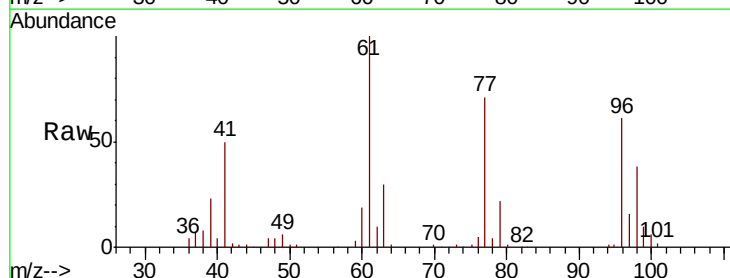
Acq: 09 Apr 2019 20:05

Tgt Ion: 77 Resp: 49849

Ion Ratio Lower Upper

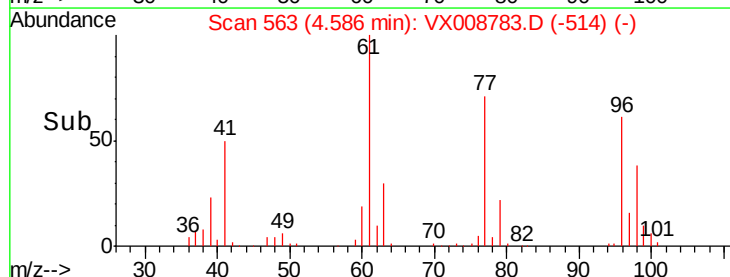
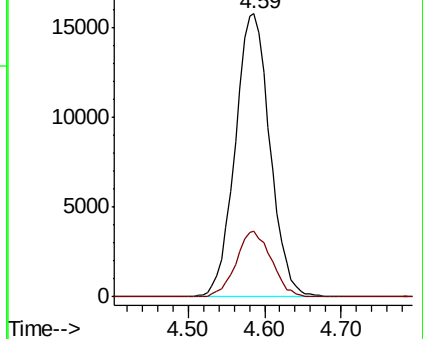
77 100

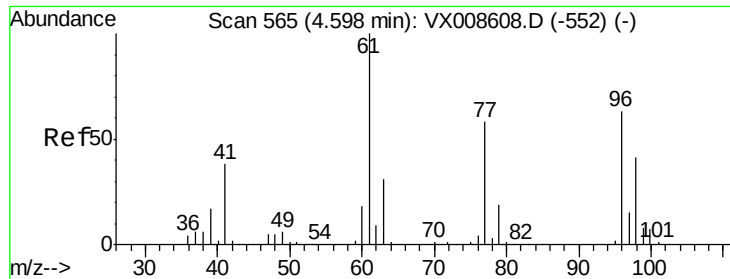
97 23.4 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



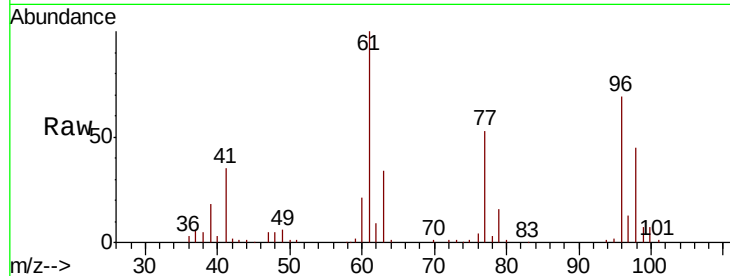


#27

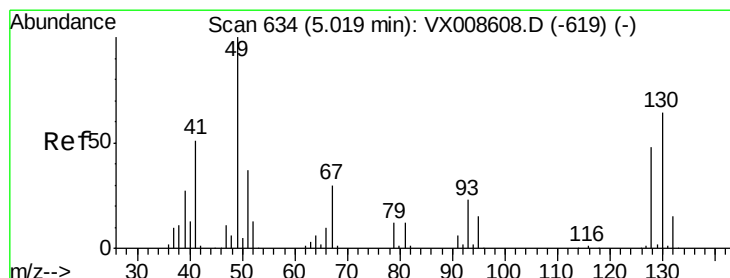
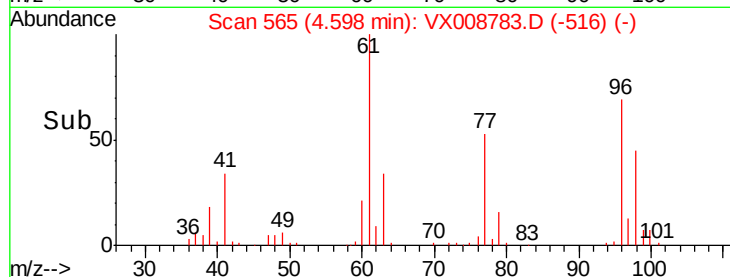
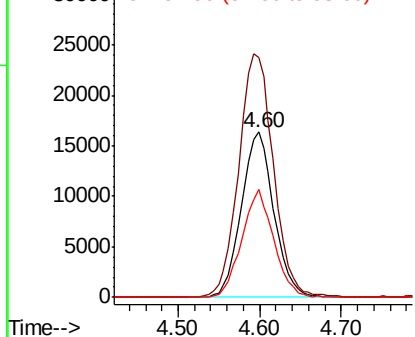
cis-1,2-Dichloroethene
Concen: 17.962 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX008783.D
Acq: 09 Apr 2019 20:05

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 96 Resp: 45308
Ion Ratio Lower Upper
96 100
61 157.3 0.0 327.6
98 63.4 0.0 128.6



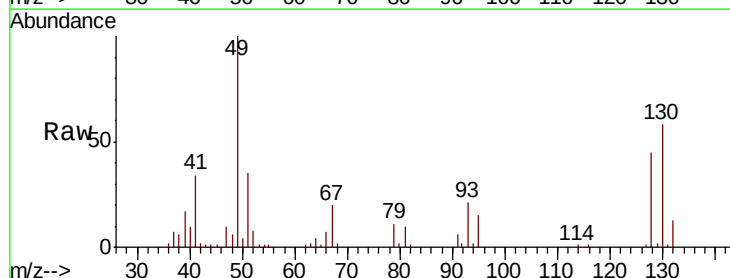
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



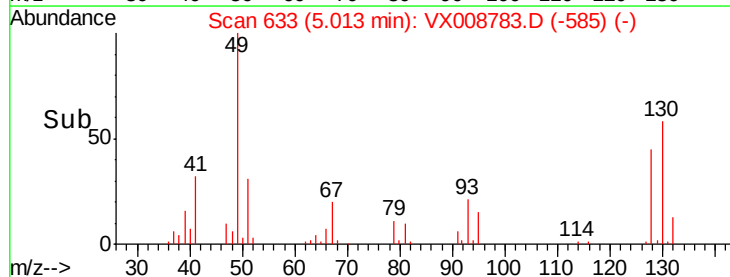
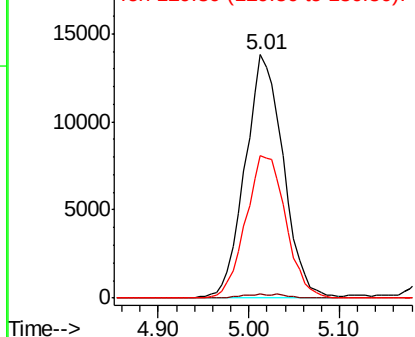
#28

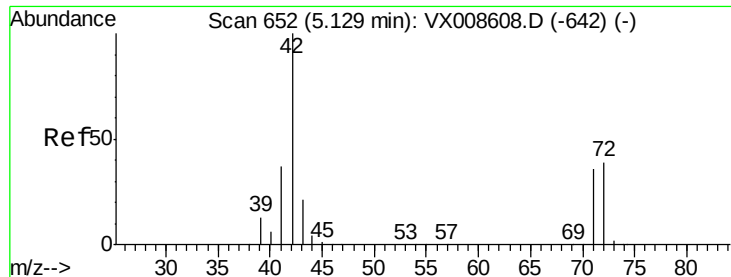
Bromochloromethane
Concen: 19.902 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX008783.D
Acq: 09 Apr 2019 20:05

Tgt Ion: 49 Resp: 40209
Ion Ratio Lower Upper
49 100
129 1.2 0.0 3.6
130 61.2 49.3 73.9



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

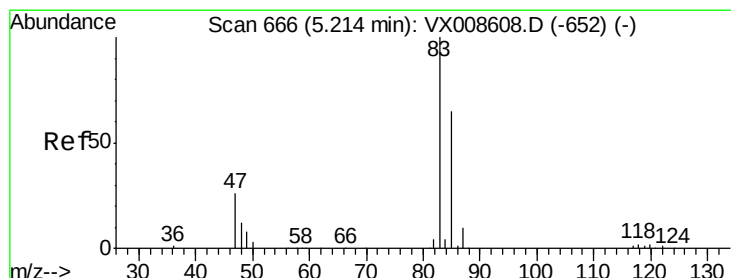
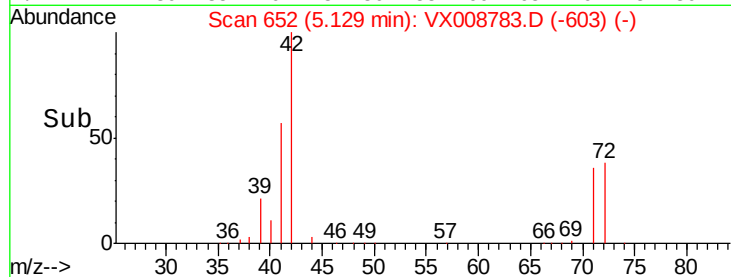
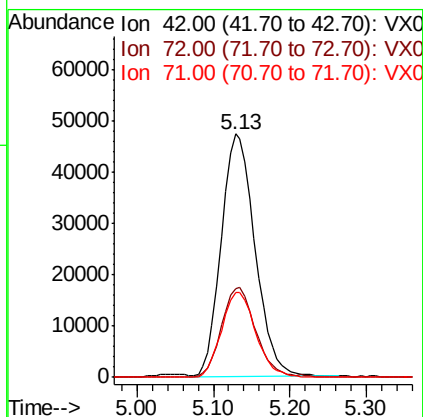
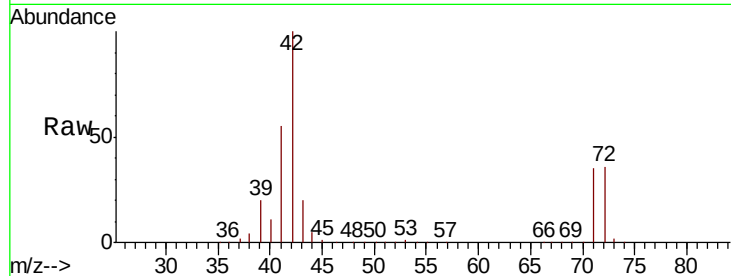




#29
Tetrahydrofuran
Concen: 93.585 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX008783.D
Acq: 09 Apr 2019 20:05

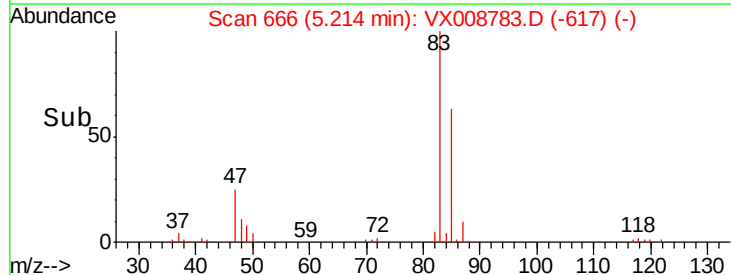
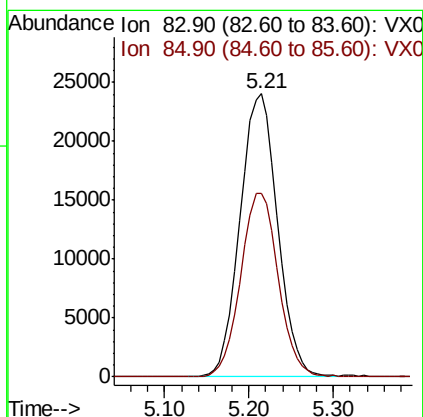
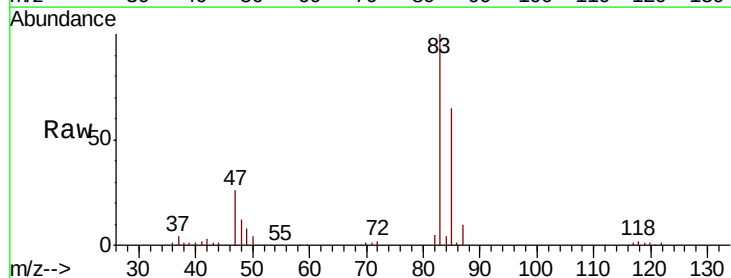
Instrument :
MSVOA_X
ClientSampleId :

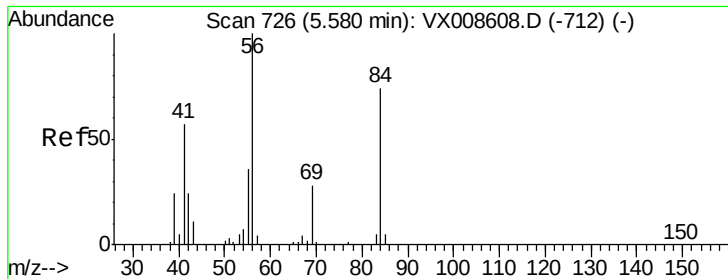
Tot Ion: 42 Resp: 144700
Ion Ratio Lower Upper
42 100
72 37.9 30.5 45.7
71 35.7 28.6 43.0



#30
Chloroform
Concen: 18.369 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX008783.D
Acq: 09 Apr 2019 20:05

Tgt Ion: 83 Resp: 72698
Ion Ratio Lower Upper
83 100
85 65.0 52.1 78.1





#31

Cyclohexane

Concen: 17.190 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX008783.D

Acq: 09 Apr 2019 20:05

Instrument :
MSVOA_X
ClientSampleId :

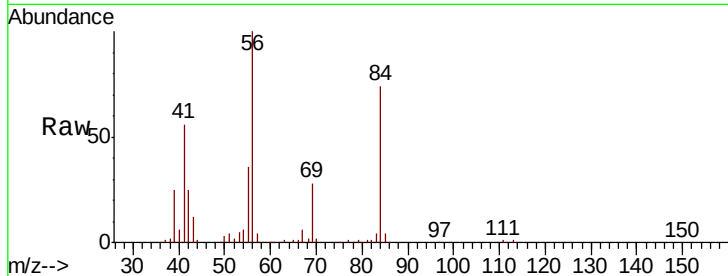
Tot Ion: 56 Resp: 76006

Ion Ratio Lower Upper

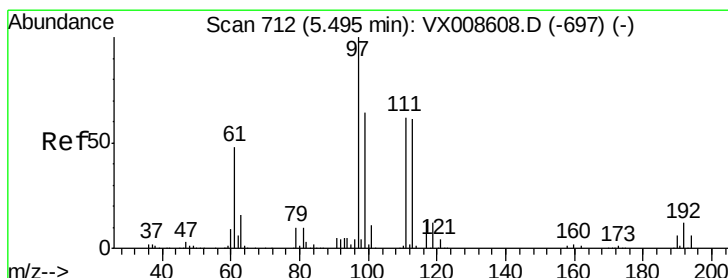
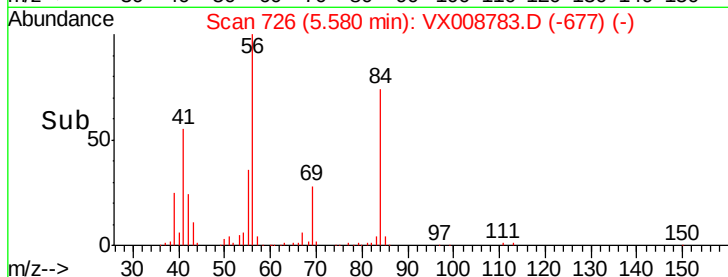
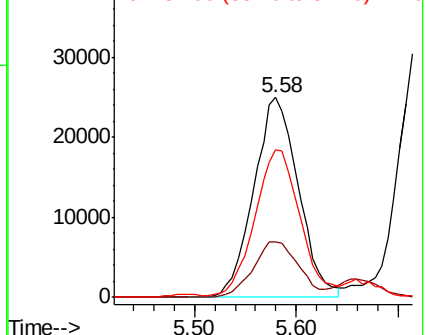
56 100

69 28.0 22.6 33.8

84 72.5 59.3 88.9



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 18.082 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX008783.D

Acq: 09 Apr 2019 20:05

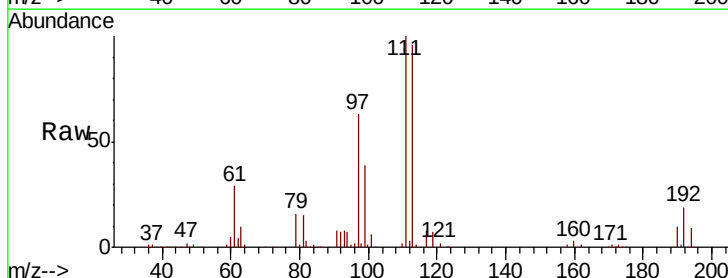
Tgt Ion: 97 Resp: 57831

Ion Ratio Lower Upper

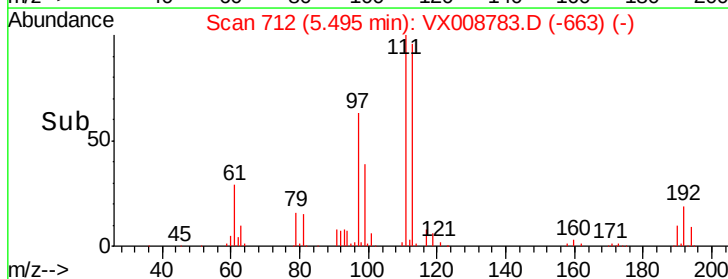
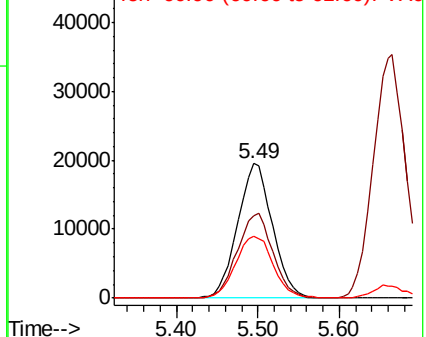
97 100

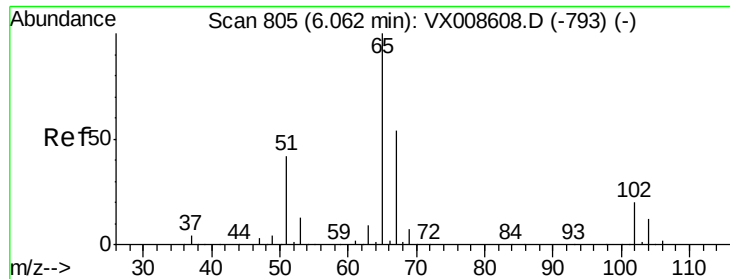
99 64.2 51.3 76.9

61 49.6 38.9 58.3



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

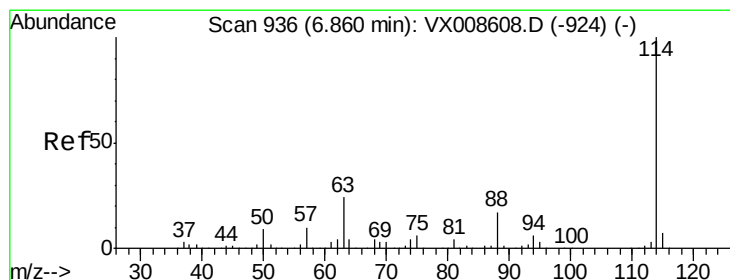
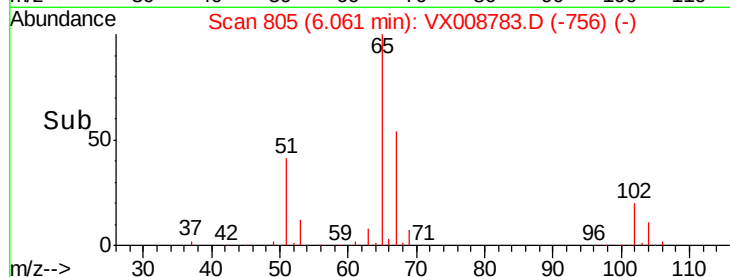
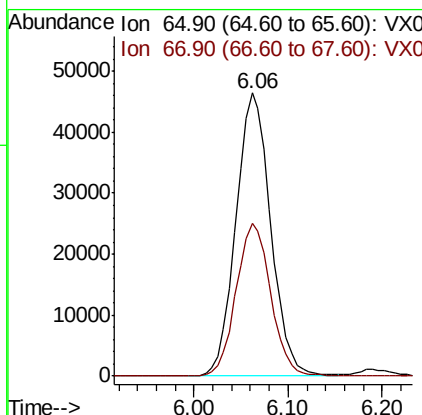
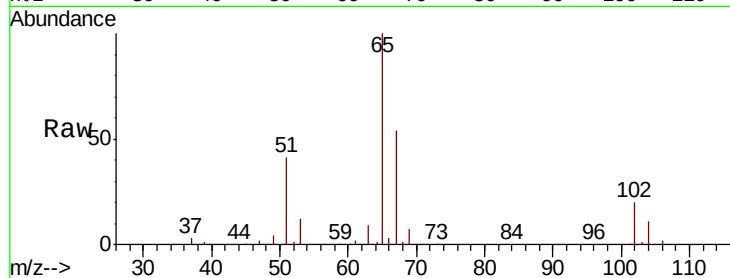




#33
 1,2-Dichloroethane-d4
 Concen: 46.865 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008783.D
 Acq: 09 Apr 2019 20:05

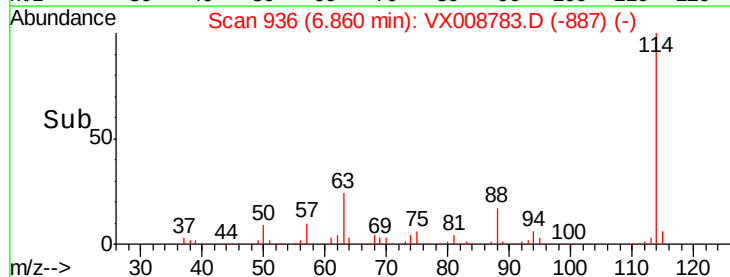
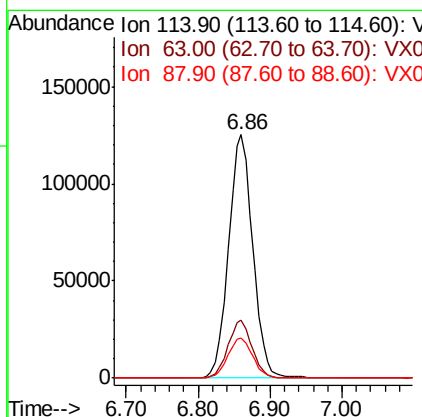
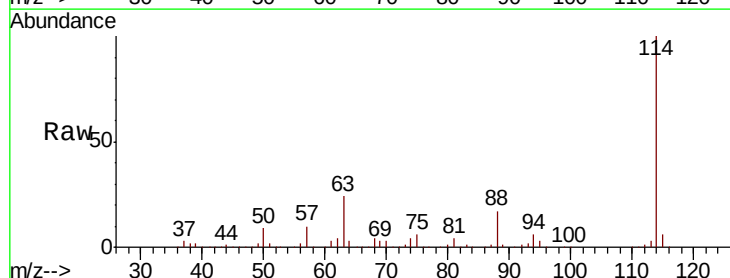
Instrument :
 MSVOA_X
 ClientSampled :

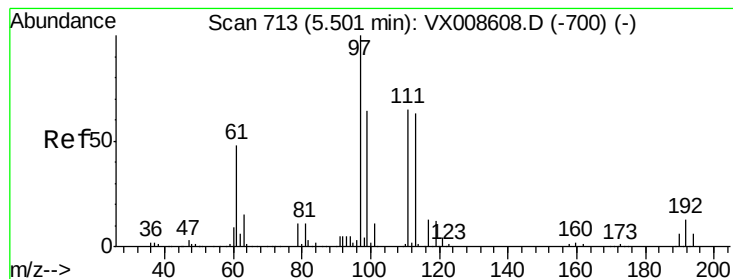
Tot Ion: 65 Resp: 119927
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008783.D
 Acq: 09 Apr 2019 20:05

Tgt Ion: 114 Resp: 293014
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 47.2
 88 16.5 0.0 34.0





#35

Dibromofluoromethane

Concen: 46.987 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008783.D

Acq: 09 Apr 2019 20:05

Instrument :

MSVOA_X

ClientSampleId :

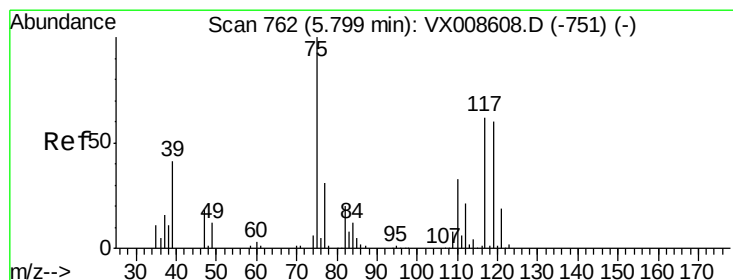
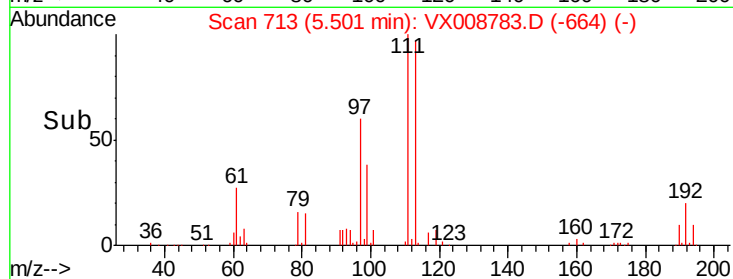
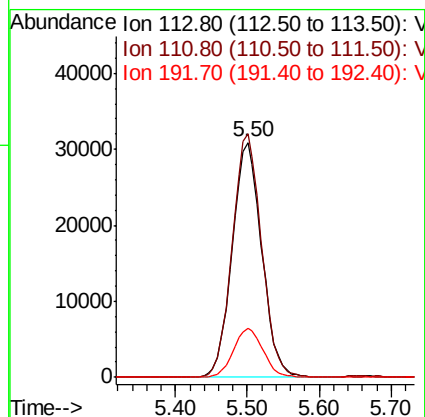
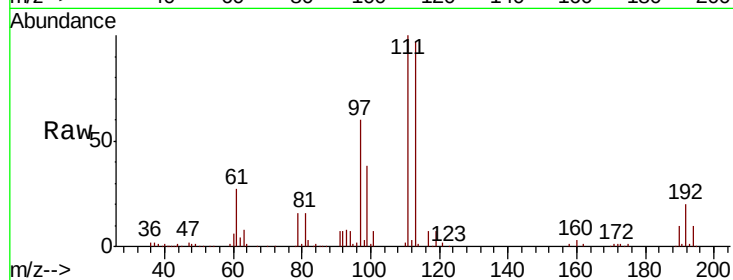
Tot Ion:113 Resp: 88026

Ion Ratio Lower Upper

113 100

111 102.7 83.4 125.2

192 20.8 16.1 24.1



#36

1,1-Dichloropropene

Concen: 17.025 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX008783.D

Acq: 09 Apr 2019 20:05

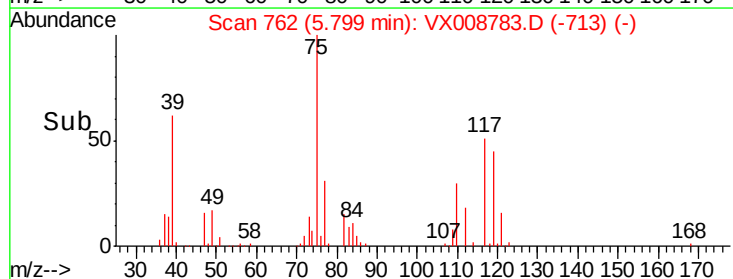
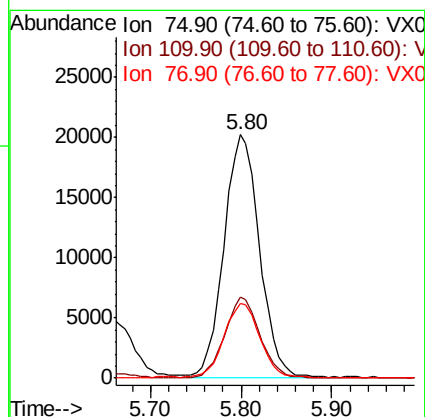
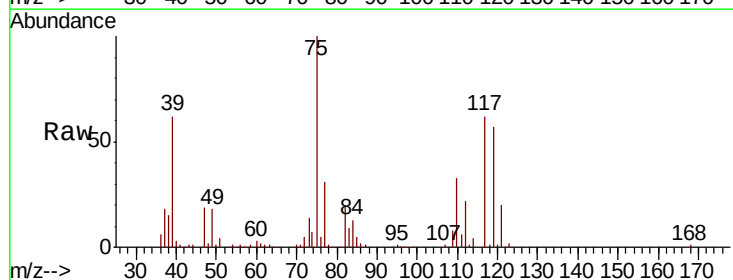
Tgt Ion: 75 Resp: 54531

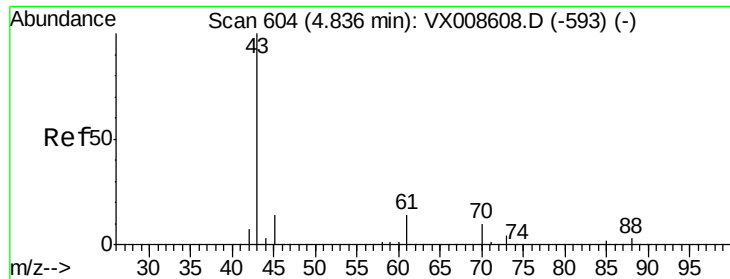
Ion Ratio Lower Upper

75 100

110 33.2 16.4 49.2

77 31.5 24.7 37.1





#37

Ethyl Acetate

Concen: 18.781 ug/l

RT: 4.84 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX008783.D

Acq: 09 Apr 2019 20:05

Instrument :

MSVOA_X

ClientSampled :

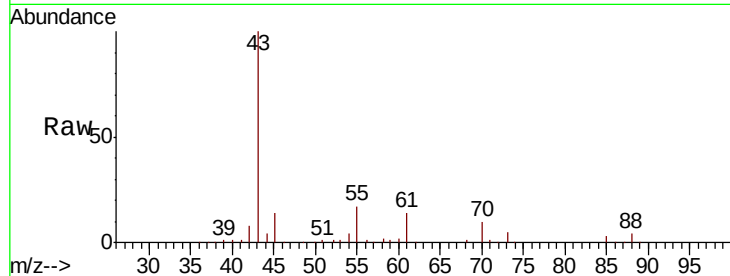
Tot Ion: 43 Resp: 80295

Ion Ratio Lower Upper

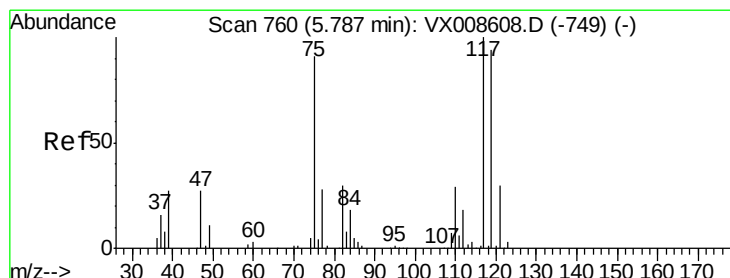
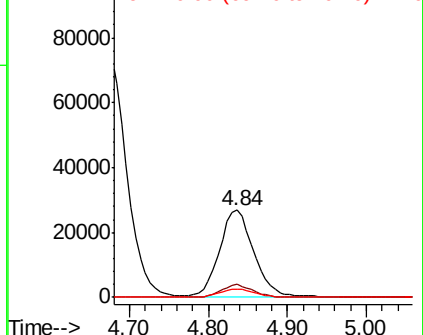
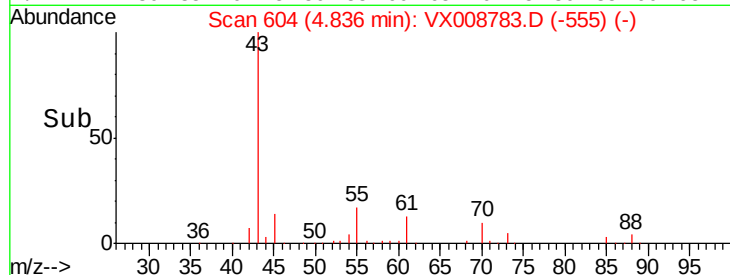
43 100

61 13.7 10.3 15.5

70 10.0 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX008783.D (-555) (-)



#38

Carbon Tetrachloride

Concen: 17.740 ug/l

RT: 5.79 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX008783.D

Acq: 09 Apr 2019 20:05

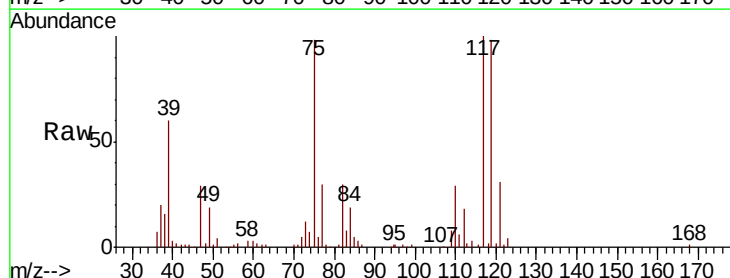
Tgt Ion: 117 Resp: 47027

Ion Ratio Lower Upper

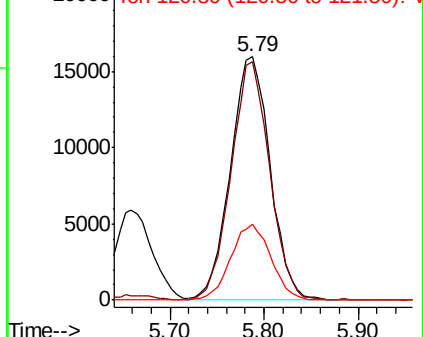
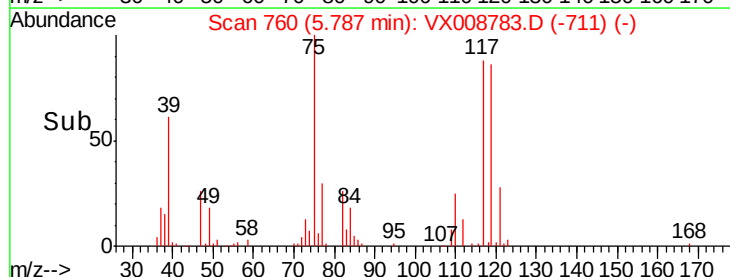
117 100

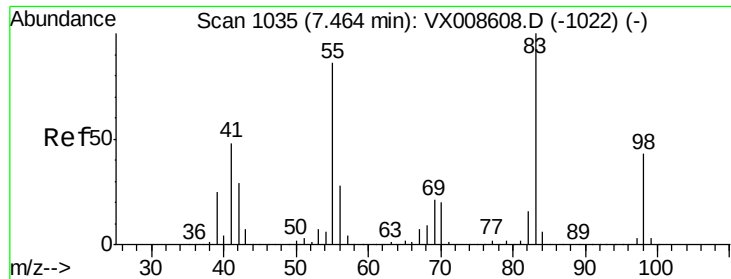
119 98.0 75.0 112.6

121 31.4 24.3 36.5



Abundance Ion 116.80 (116.50 to 117.50): VX008783.D (-711) (-)

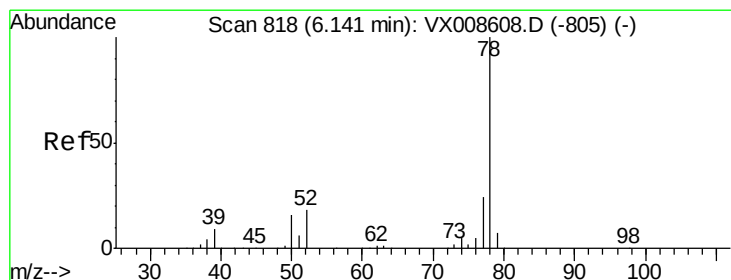
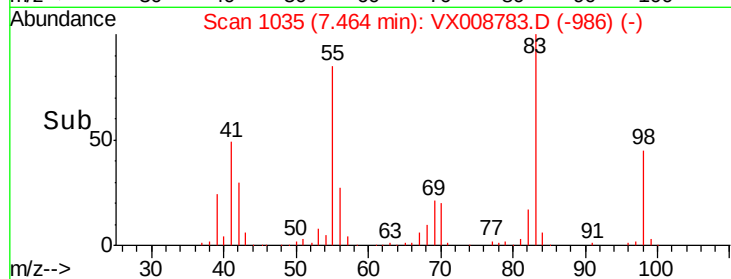
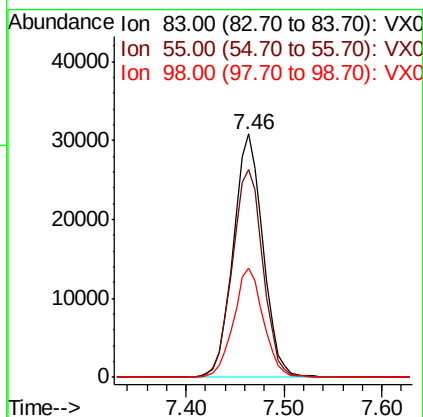
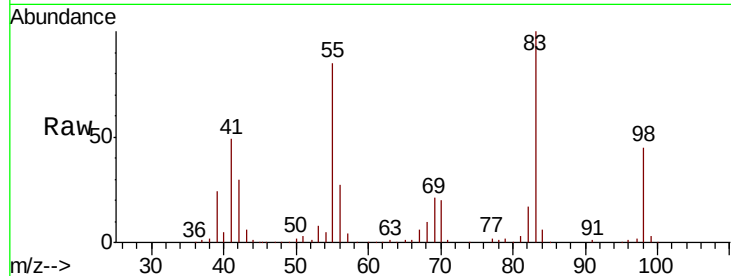




#39
Methylvlcyclohexane
Concen: 16.403 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008783.D
Acq: 09 Apr 2019 20:05

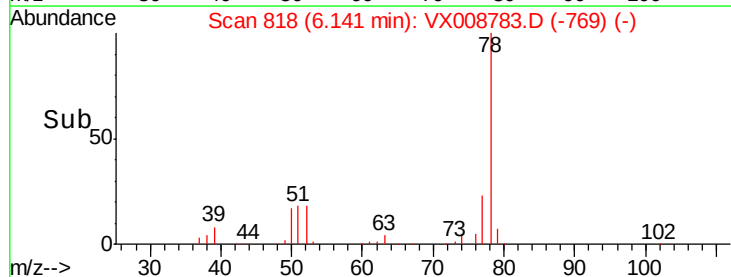
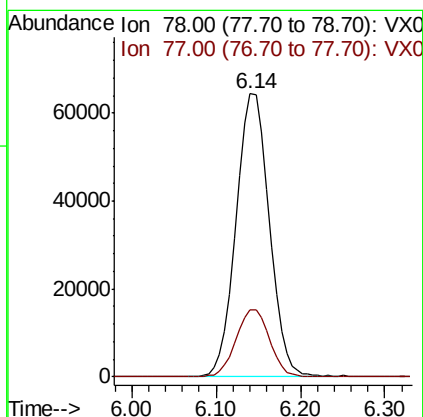
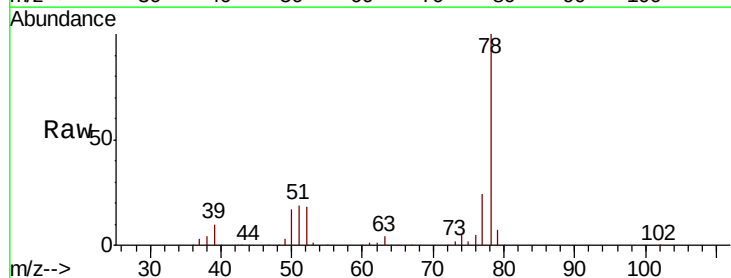
Instrument :
MSVOA_X
ClientSampled :

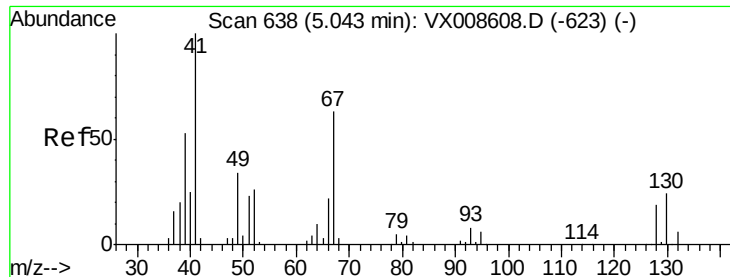
Tot Ion: 83 Resp: 64903
Ion Ratio Lower Upper
83 100
55 85.1 69.0 103.6
98 44.7 34.4 51.6



#40
Benzene
Concen: 18.029 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX008783.D
Acq: 09 Apr 2019 20:05

Tgt Ion: 78 Resp: 172029
Ion Ratio Lower Upper
78 100
77 23.9 19.1 28.7





#41

Methacrylonitrile

Concen: 18.797 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

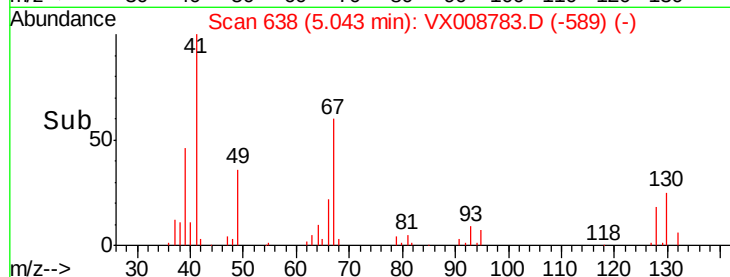
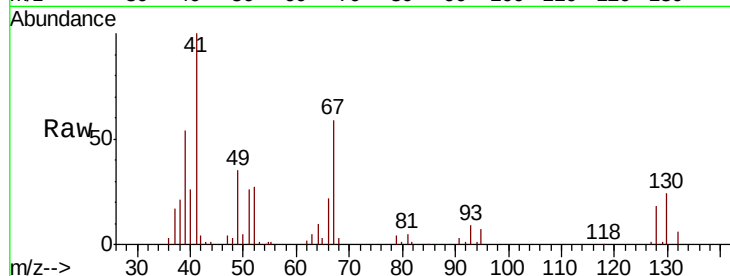
Lab File: VX008783.D

Acq: 09 Apr 2019 20:05

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 41 Resp: 46192

Ion	Ratio	Lower	Upper
41	100		
39	55.1	42.1	63.1
67	64.2	51.0	76.6
52	25.9	21.4	32.0

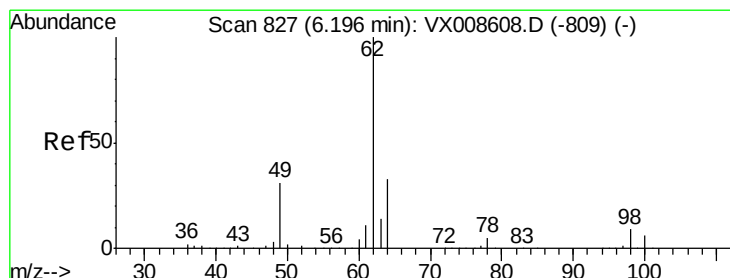


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 18.254 ug/l

RT: 6.20 min Scan# 827

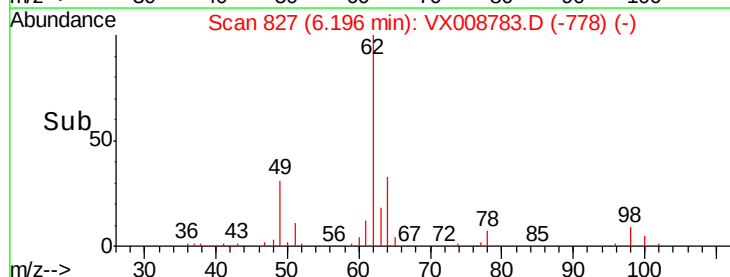
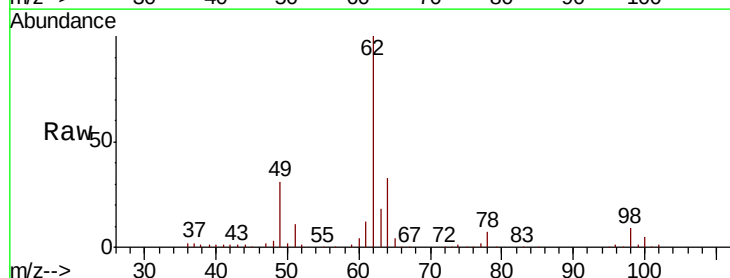
Delta R.T. -0.00 min

Lab File: VX008783.D

Acq: 09 Apr 2019 20:05

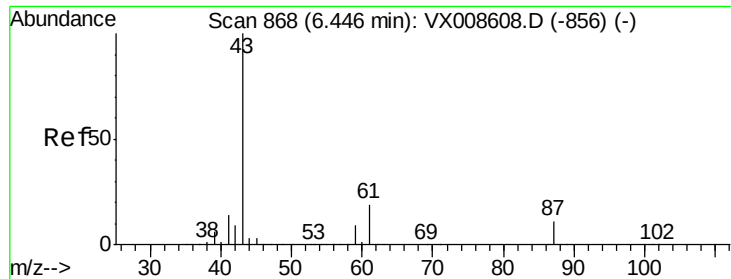
Tgt Ion: 62 Resp: 62443

Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#43

Isopropyl Acetate

Concen: 18.933 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX008783.D

Acq: 09 Apr 2019 20:05

Instrument :

MSVOA_X

ClientSampleId :

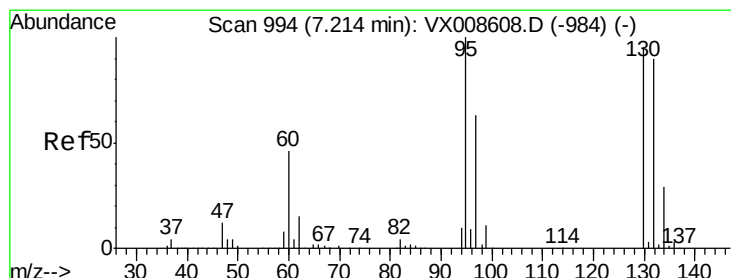
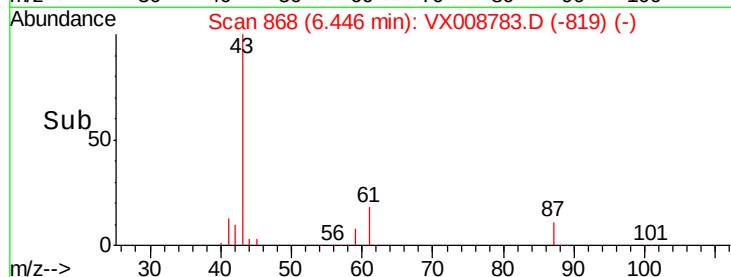
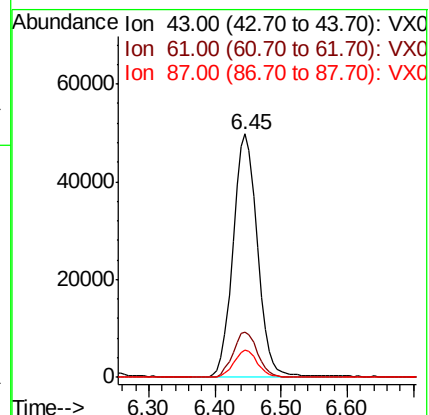
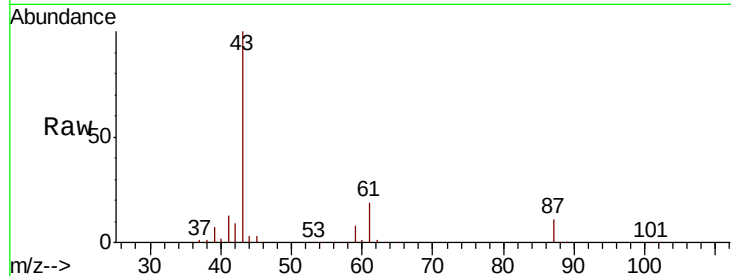
Tot Ion: 43 Resp: 126799

Ion Ratio Lower Upper

43 100

61 19.0 15.3 22.9

87 11.0 9.0 13.6



#44

Trichloroethene

Concen: 17.667 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008783.D

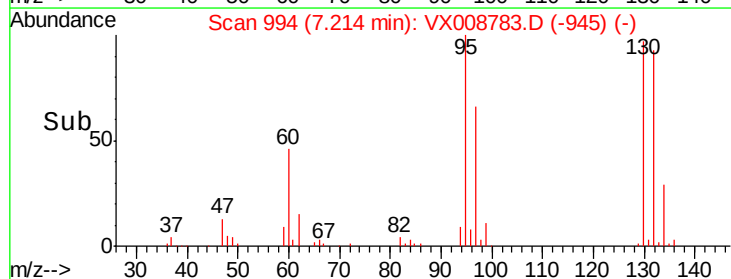
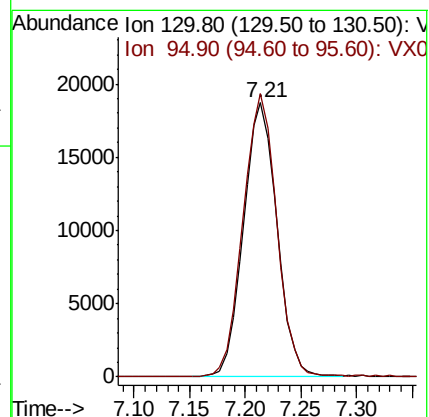
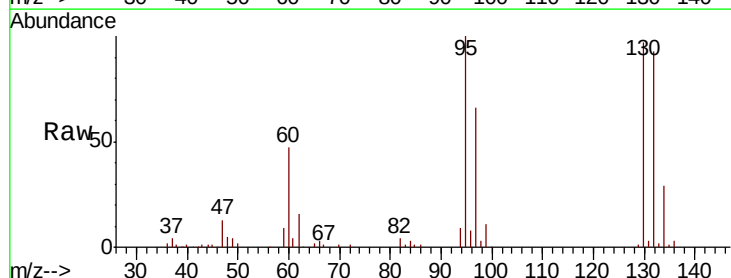
Acq: 09 Apr 2019 20:05

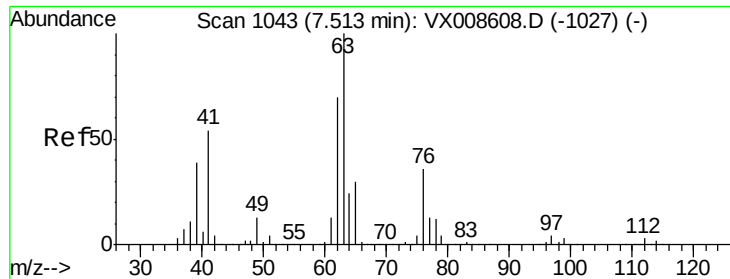
Tgt Ion:130 Resp: 39263

Ion Ratio Lower Upper

130 100

95 103.2 0.0 209.8





#45

1,2-Dichloropropane

Concen: 18.249 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX008783.D

Acq: 09 Apr 2019 20:05

Instrument :

MSVOA_X

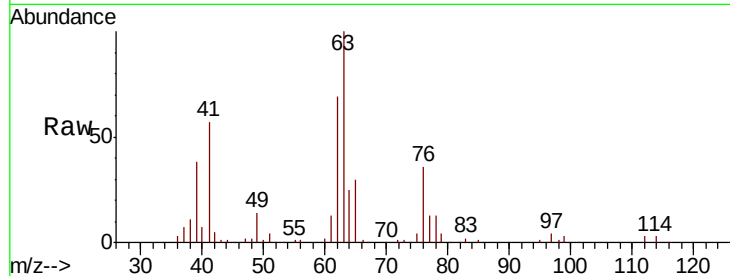
ClientSampleId :

Tot Ion: 63 Resp: 49701

Ion Ratio Lower Upper

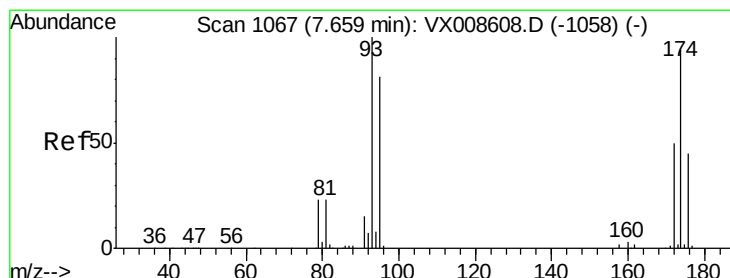
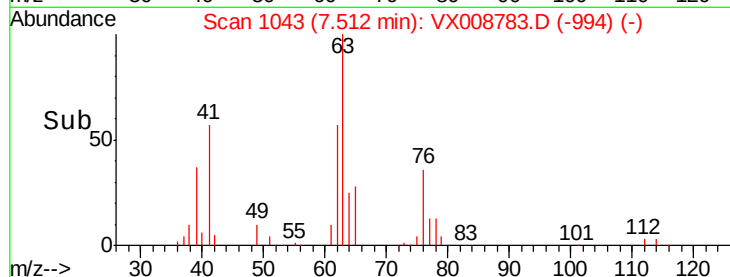
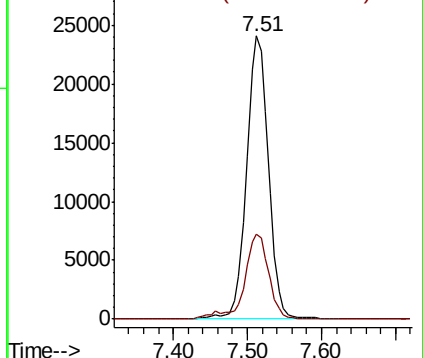
63 100

65 30.2 24.2 36.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 17.548 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX008783.D

Acq: 09 Apr 2019 20:05

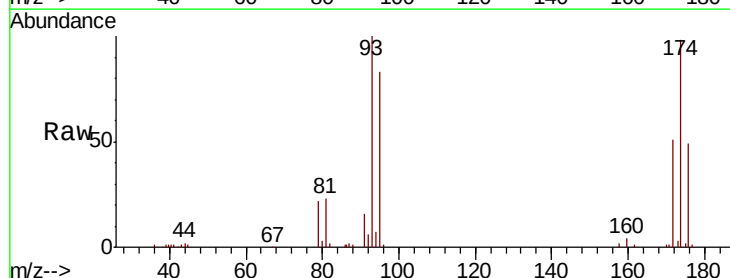
Tgt Ion: 93 Resp: 27718

Ion Ratio Lower Upper

93 100

95 84.5 66.6 99.8

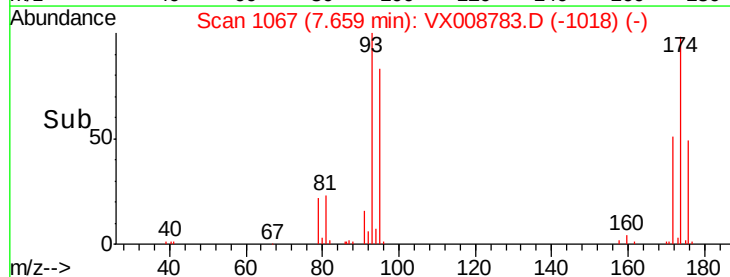
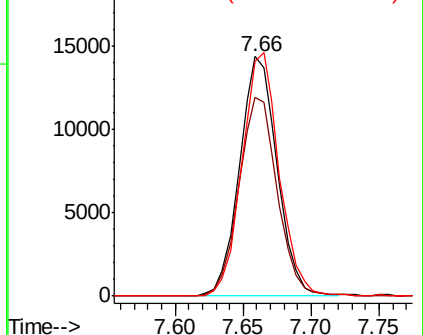
174 100.6 77.7 116.5

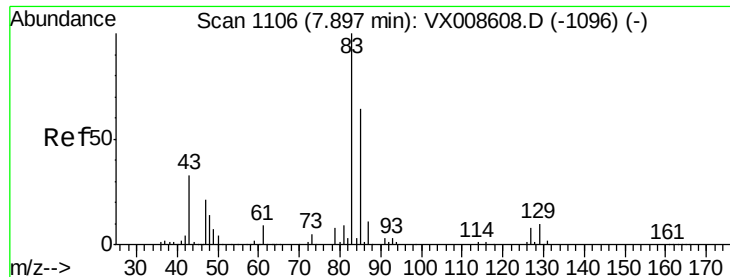


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.340 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008783.D

Acq: 09 Apr 2019 20:05

Instrument :

MSVOA_X

ClientSampleId :

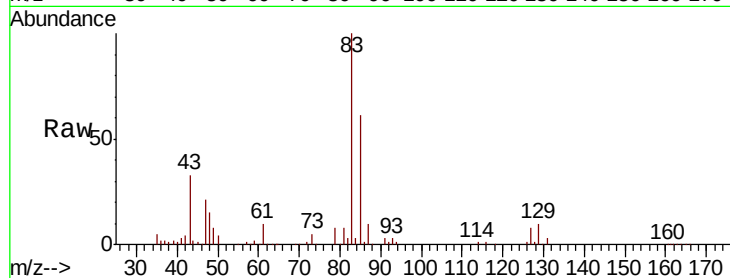
Tot Ion: 83 Resp: 54623

Ion Ratio Lower Upper

83 100

85 60.6 51.2 76.8

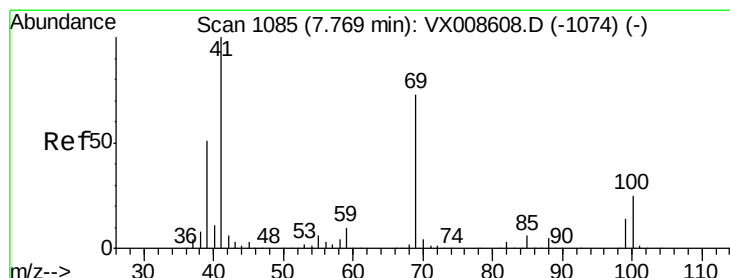
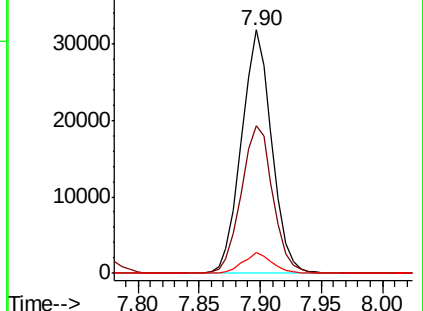
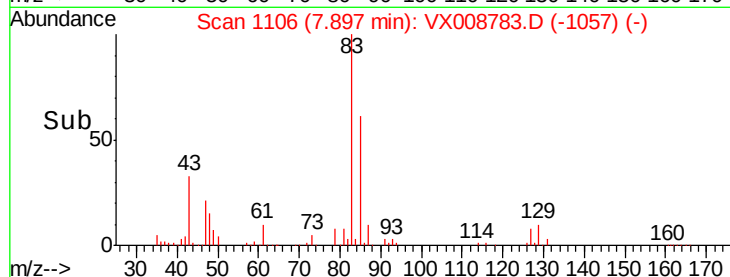
127 8.4 6.6 10.0



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: 18.817 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX008783.D

Acq: 09 Apr 2019 20:05

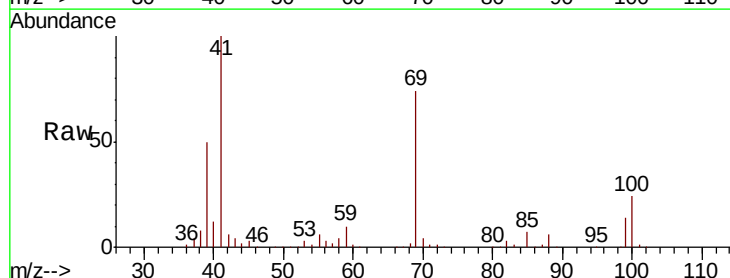
Tgt Ion: 41 Resp: 63748

Ion Ratio Lower Upper

41 100

69 73.8 59.0 88.4

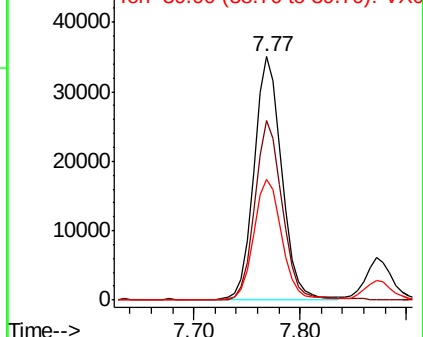
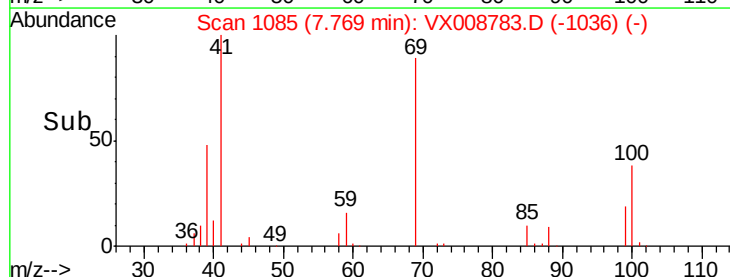
39 50.1 41.0 61.4

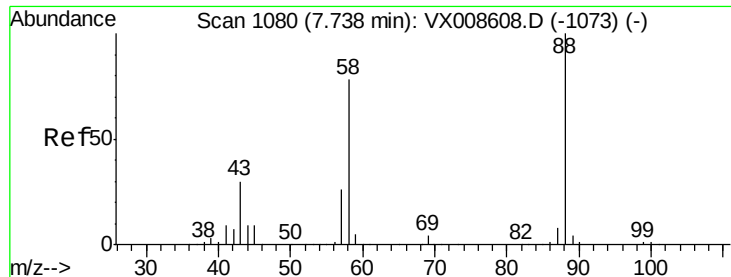


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 389.852 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VX008783.D

Acq: 09 Apr 2019 20:05

Instrument :

MSVOA_X

ClientSampleId :

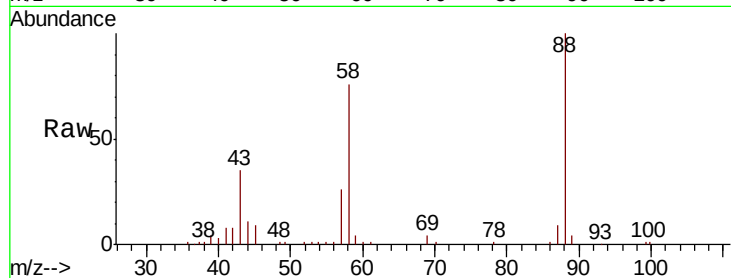
Tot Ion: 88 Resp: 24741

Ion Ratio Lower Upper

88 100

43 35.5 28.6 43.0

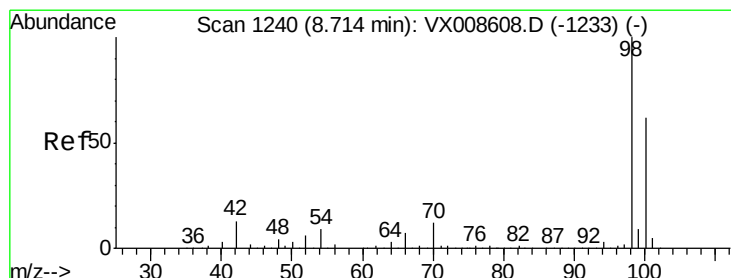
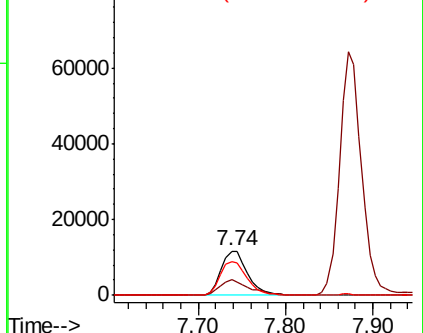
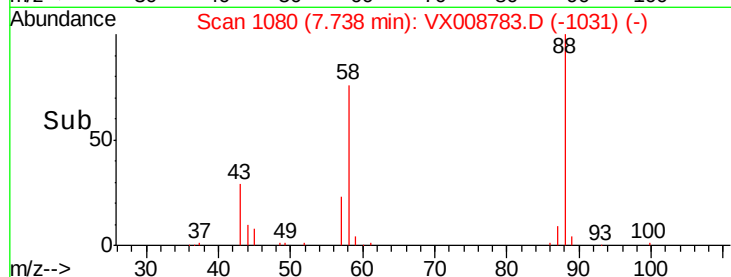
58 79.0 62.2 93.2



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 47.554 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008783.D

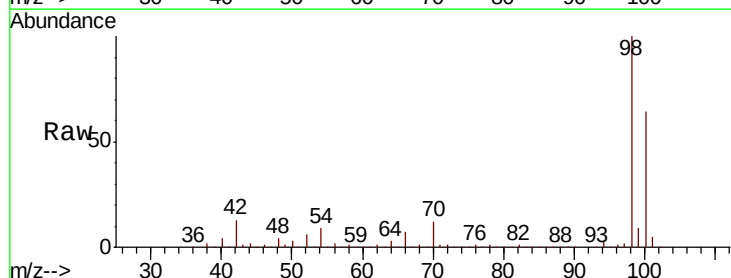
Acq: 09 Apr 2019 20:05

Tgt Ion: 98 Resp: 354726

Ion Ratio Lower Upper

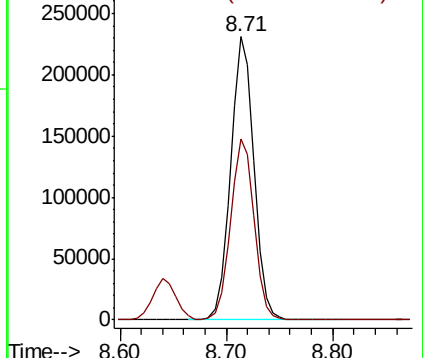
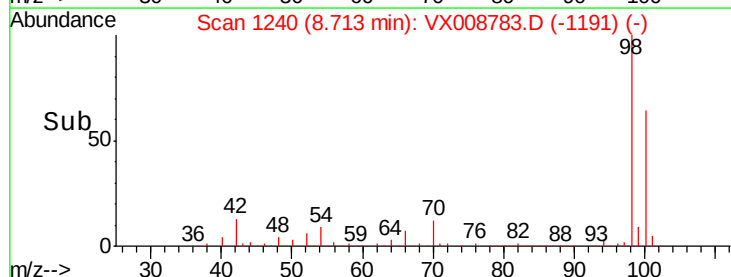
98 100

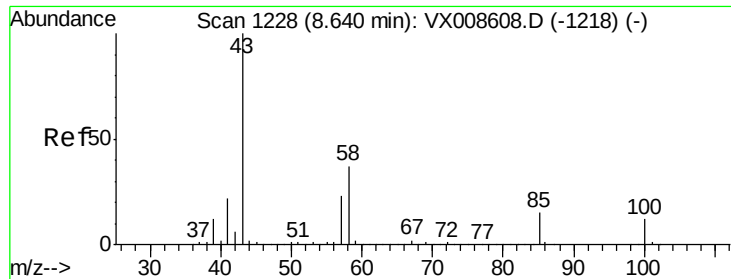
100 64.4 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

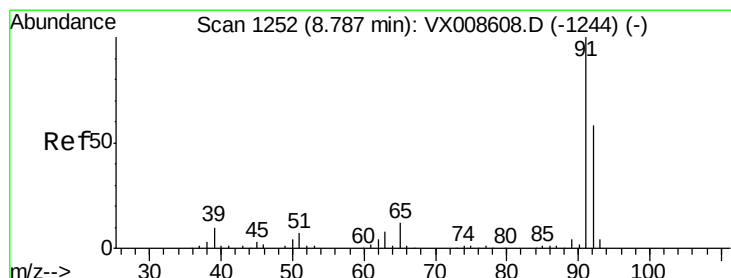
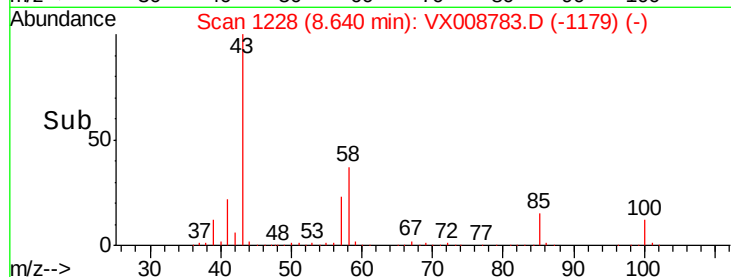
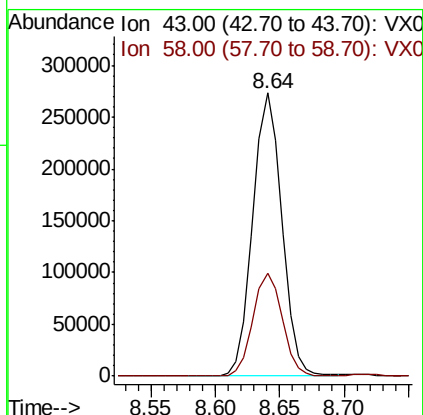
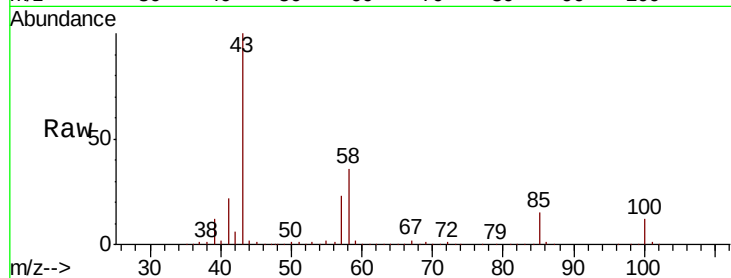




#51
4-Methyl-2-Pentanone
Concen: 98.494 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX008783.D
Acq: 09 Apr 2019 20:05

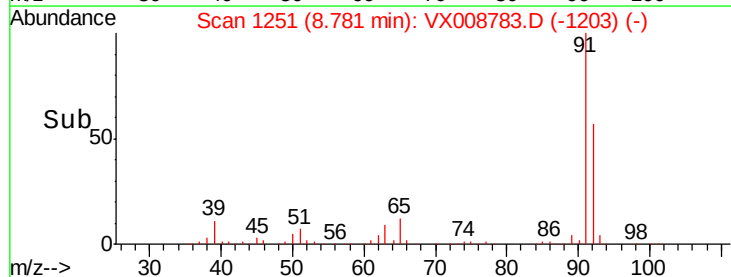
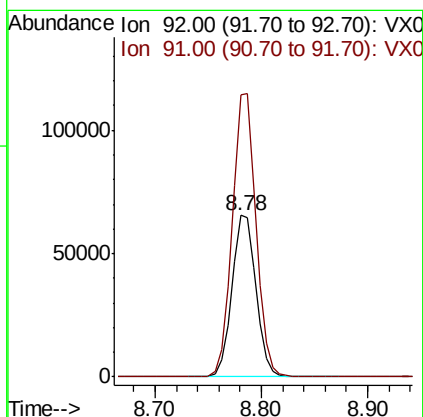
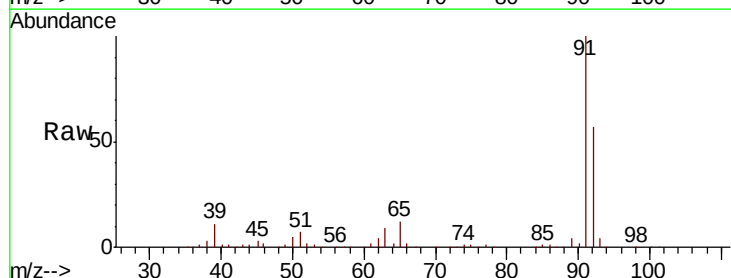
Instrument :
MSVOA_X
ClientSampleId :

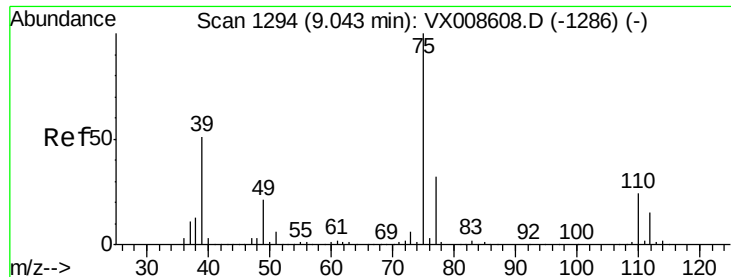
Tot Ion: 43 Resp: 424632
Ion Ratio Lower Upper
43 100
58 36.8 29.5 44.3



#52
Toluene
Concen: 18.510 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX008783.D
Acq: 09 Apr 2019 20:05

Tgt Ion: 92 Resp: 104128
Ion Ratio Lower Upper
92 100
91 173.3 138.5 207.7

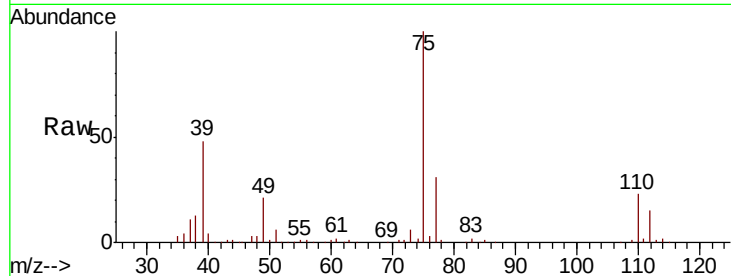




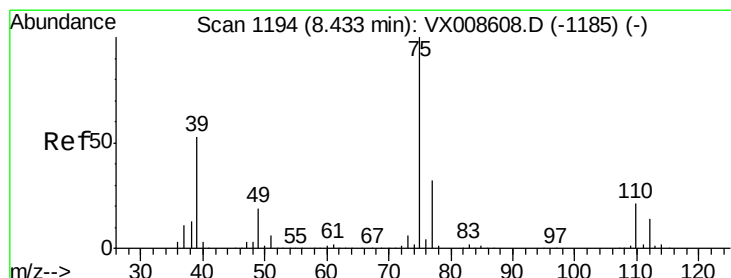
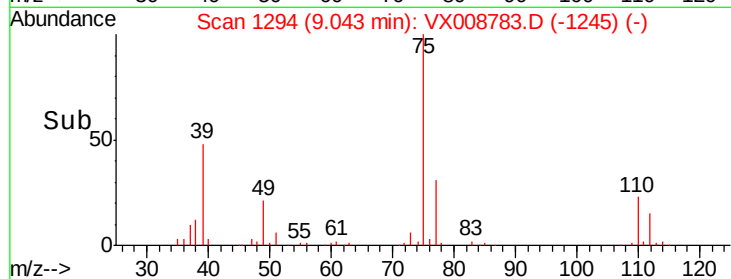
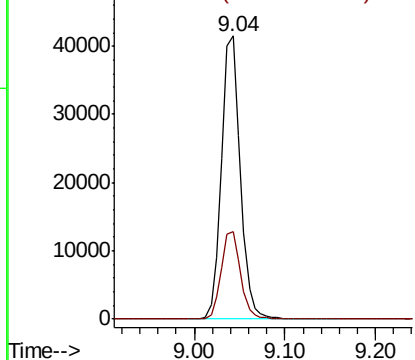
#53
 t-1,3-Dichloropropene
 Concen: 18.079 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX008783.D
 Acq: 09 Apr 2019 20:05

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 75 Resp: 60315
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.2 37.8

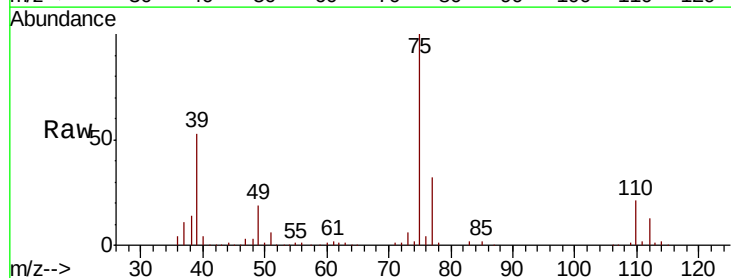


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 76.90 (76.60 to 77.60): VX0

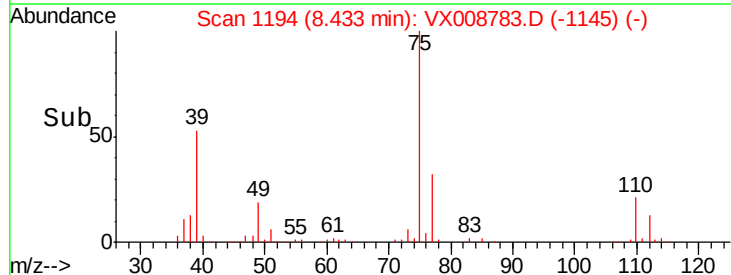
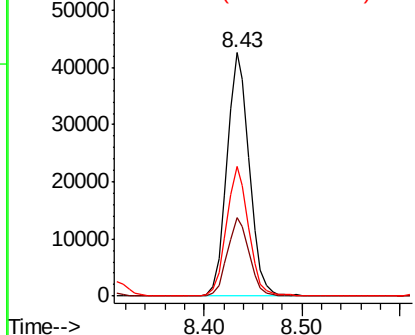


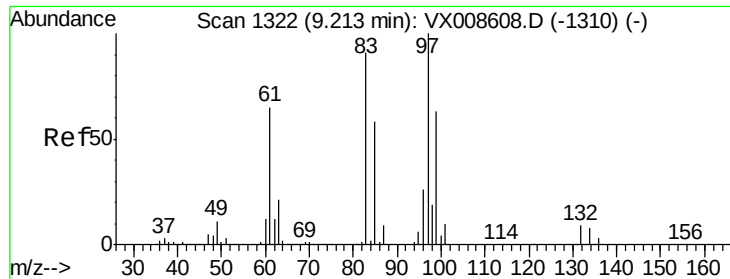
#54
 cis-1,3-Dichloropropene
 Concen: 17.673 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX008783.D
 Acq: 09 Apr 2019 20:05

Tgt Ion: 75 Resp: 67369
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.3 37.9
 39 53.5 42.6 63.8



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 76.90 (76.60 to 77.60): VX0
 Ion 39.00 (38.70 to 39.70): VX0



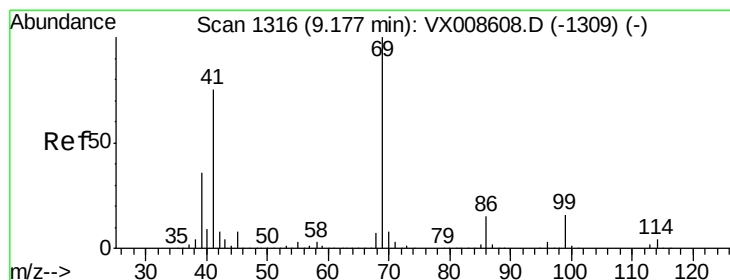
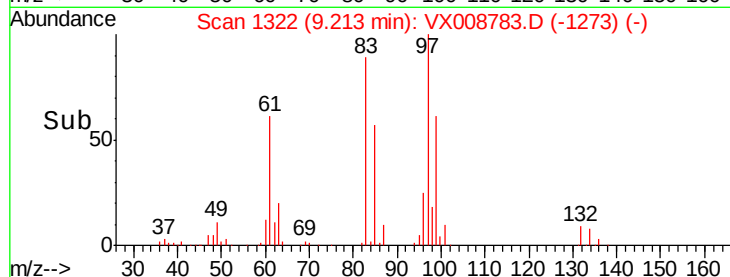
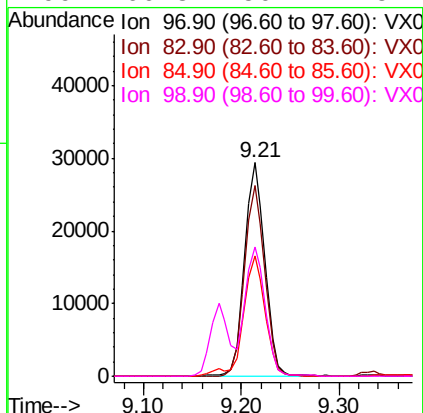
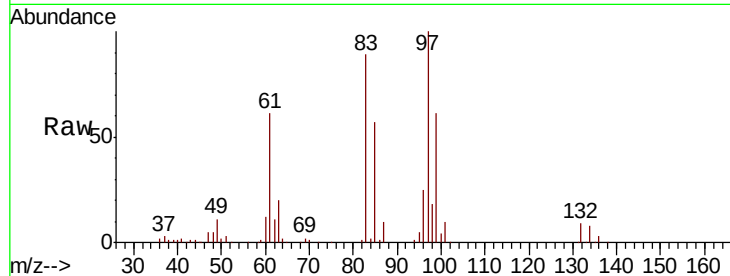


#55
 1,1,2-Trichloroethane
 Concen: 18.896 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008783.D
 Acq: 09 Apr 2019 20:05

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 97 Resp: 42668

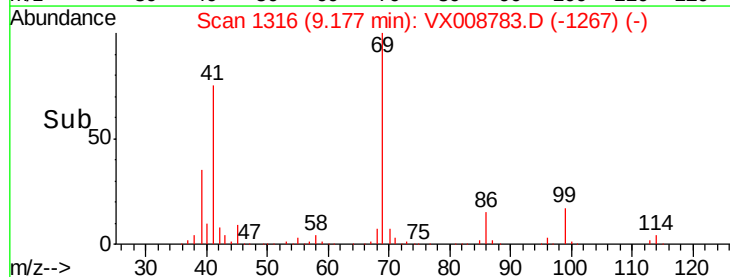
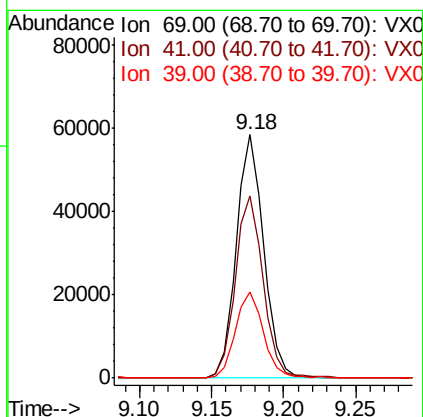
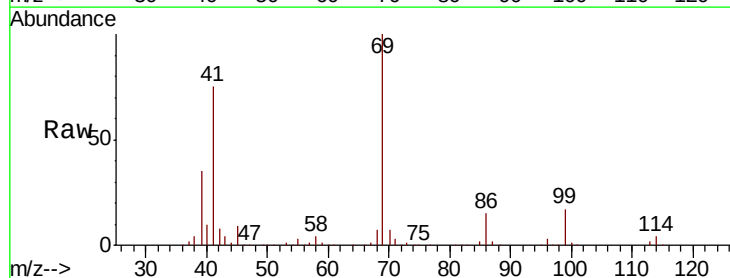
Ion	Ratio	Lower	Upper
97	100		
83	89.5	73.2	109.8
85	56.6	46.6	69.8
99	60.8	50.1	75.1

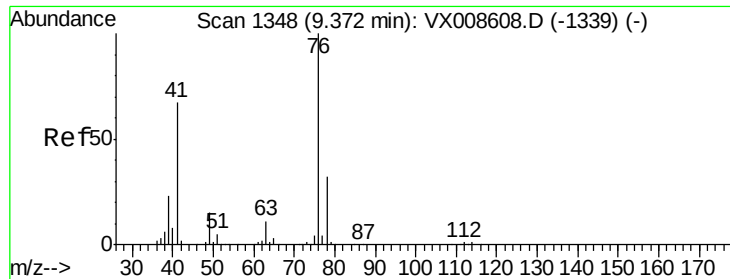


#56
 Ethyl methacrylate
 Concen: 19.022 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008783.D
 Acq: 09 Apr 2019 20:05

Tgt Ion: 69 Resp: 77716

Ion	Ratio	Lower	Upper
69	100		
41	76.7	60.1	90.1
39	35.7	28.9	43.3

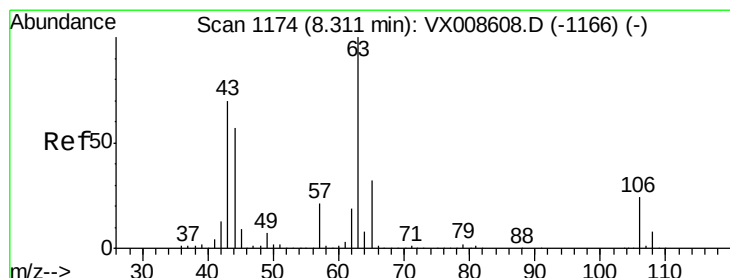
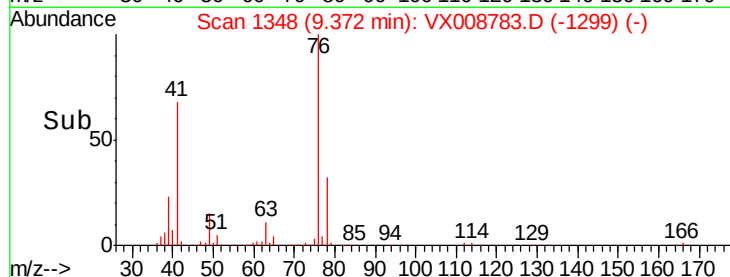
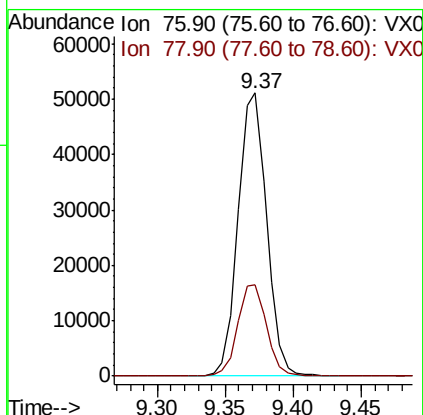
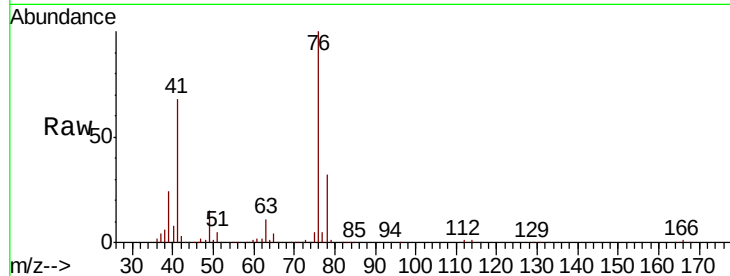




#57
 1,3-Dichloropropane
 Concen: 18.502 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX008783.D
 Acq: 09 Apr 2019 20:05

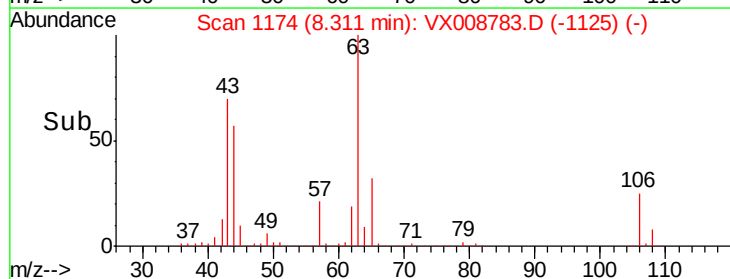
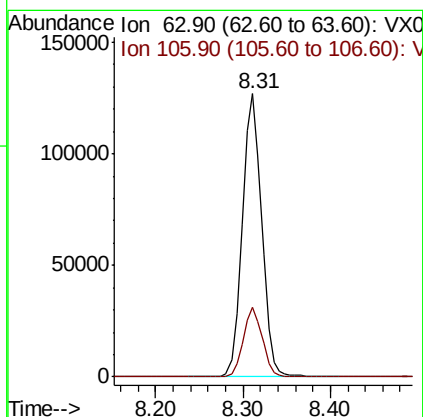
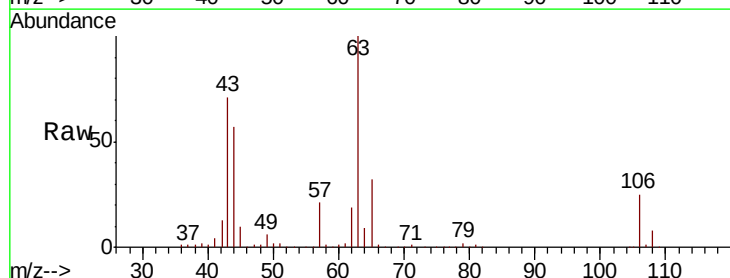
Instrument :
 MSVOA_X
 ClientSampled :

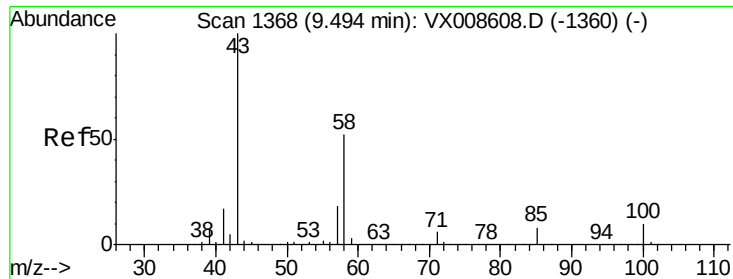
Tot Ion: 76 Resp: 75020
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 93.781 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX008783.D
 Acq: 09 Apr 2019 20:05

Tgt Ion: 63 Resp: 195647
 Ion Ratio Lower Upper
 63 100
 106 24.2 19.0 28.6

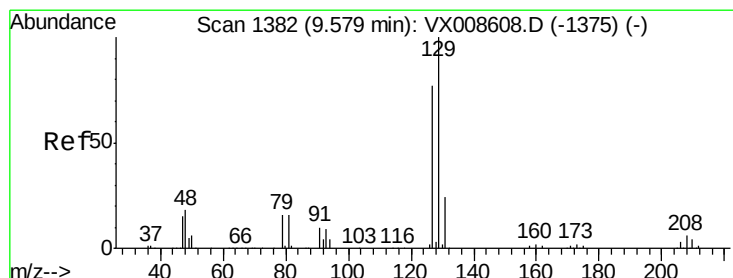
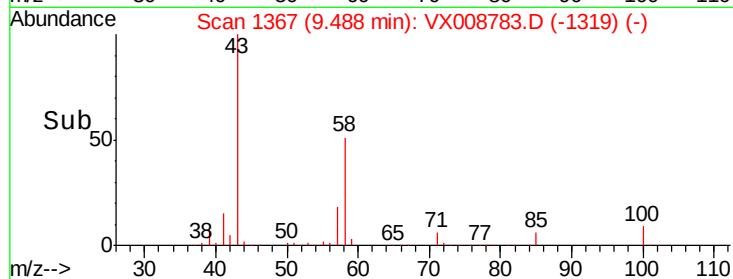
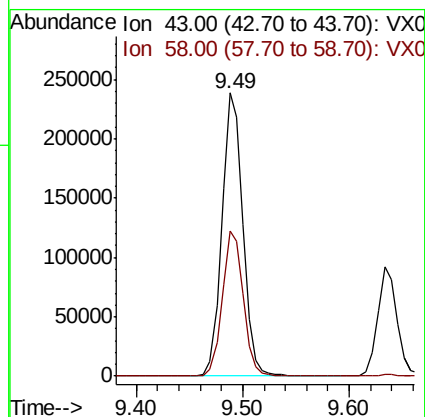
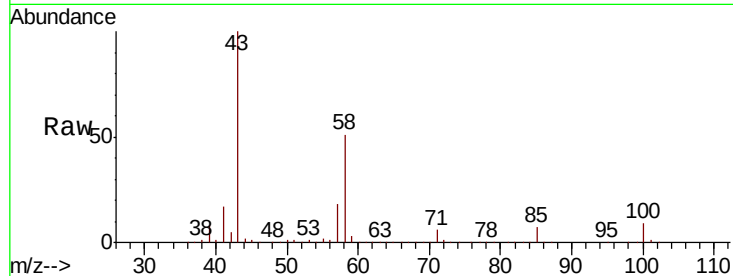




#59
2-Hexanone
Concen: 97.237 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VX008783.D
Acq: 09 Apr 2019 20:05

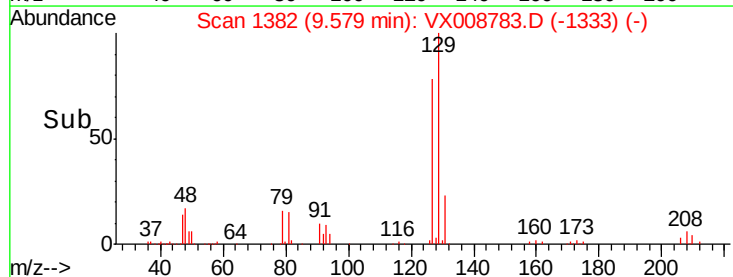
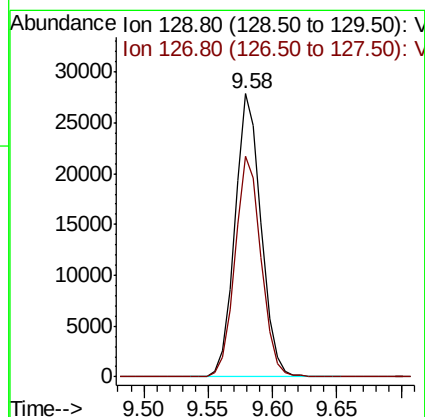
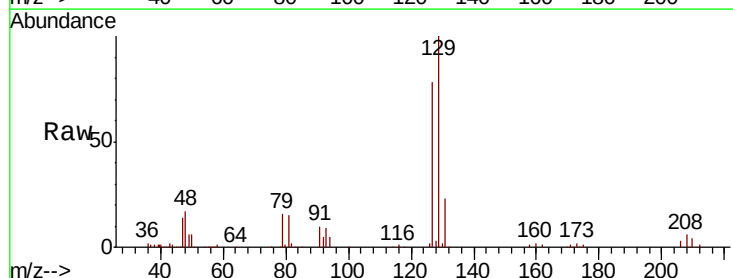
Instrument :
MSVOA_X
ClientSampleId :

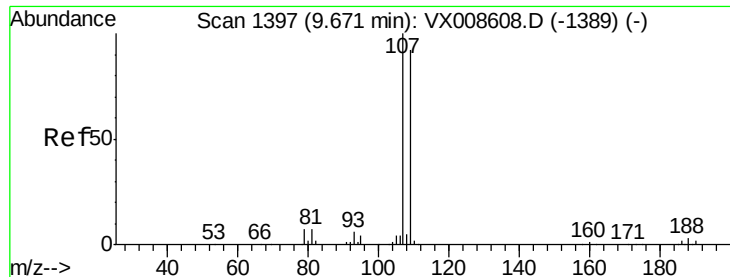
Tot Ion: 43 Resp: 325787
Ion Ratio Lower Upper
43 100
58 51.6 25.9 77.7



#60
Dibromochloromethane
Concen: 18.521 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX008783.D
Acq: 09 Apr 2019 20:05

Tgt Ion: 129 Resp: 39409
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.3





#61

1,2-Dibromoethane

Concen: 18.149 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008783.D

Acq: 09 Apr 2019 20:05

Instrument :

MSVOA_X

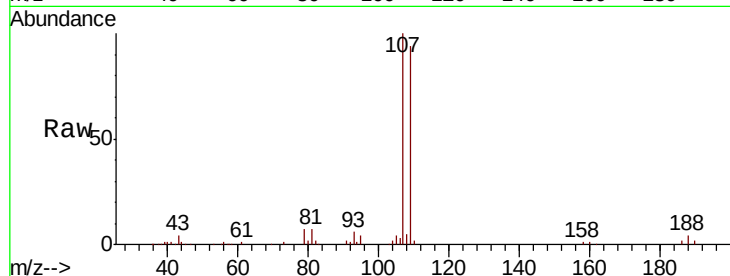
ClientSampleId :

Tot Ion:107 Resp: 42663

Ion Ratio Lower Upper

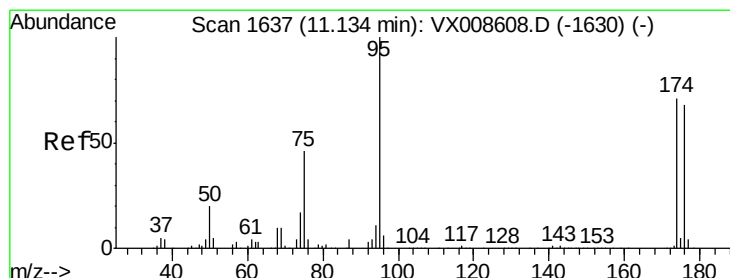
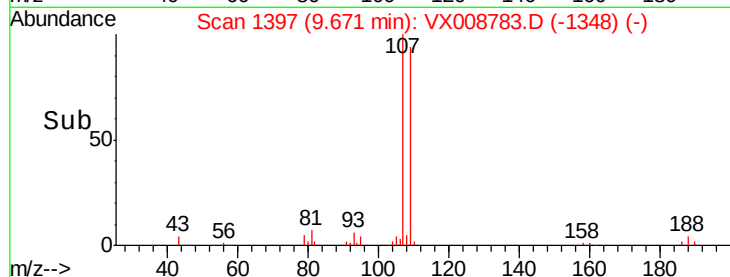
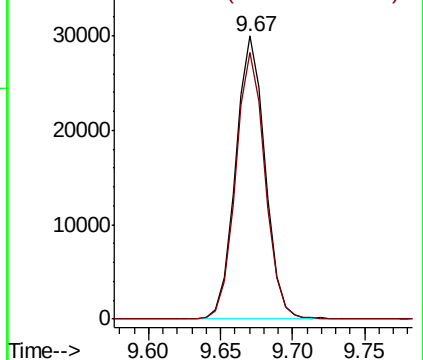
107 100

109 94.0 74.1 111.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.827 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008783.D

Acq: 09 Apr 2019 20:05

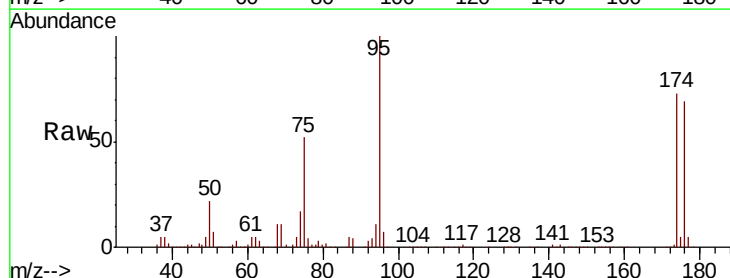
Tgt Ion: 95 Resp: 126515

Ion Ratio Lower Upper

95 100

174 78.0 0.0 151.8

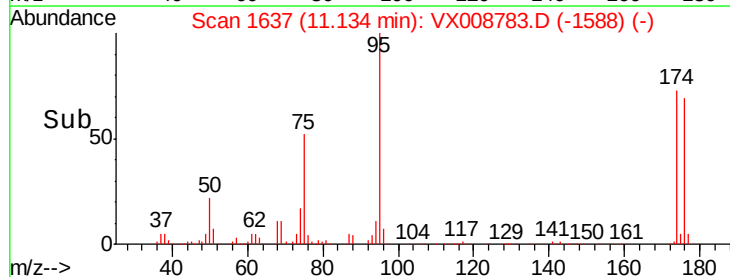
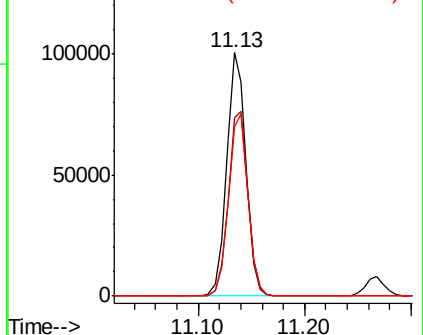
176 75.8 0.0 145.8

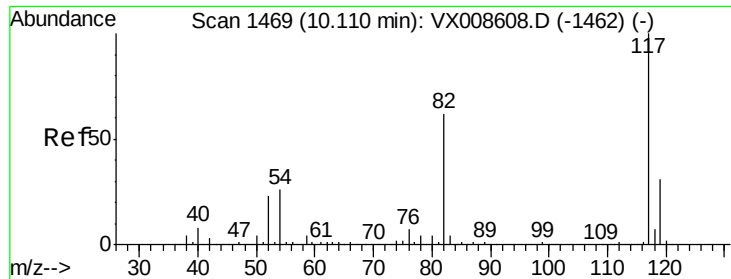


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

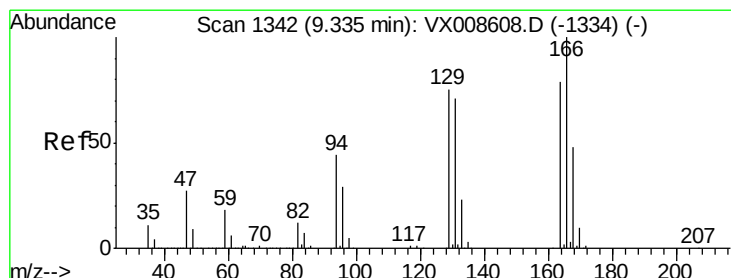
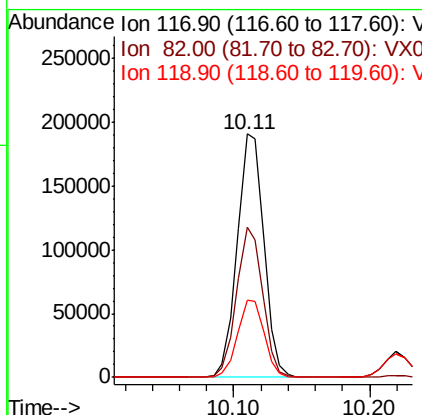
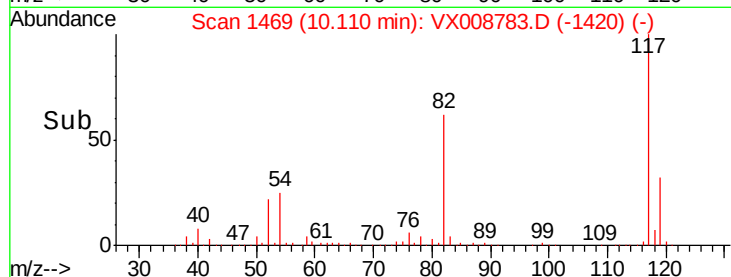
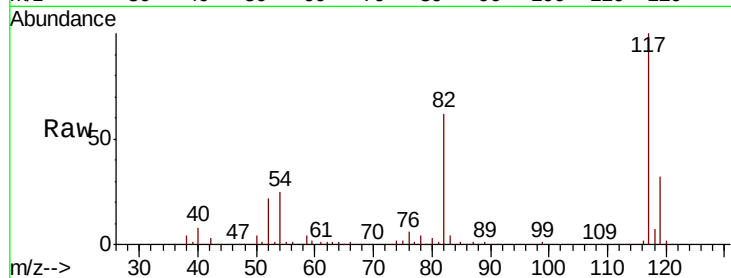




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008783.D
Acq: 09 Apr 2019 20:05

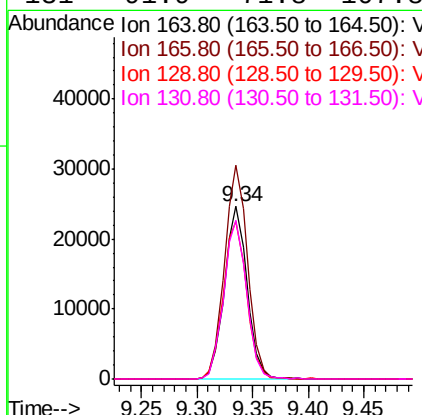
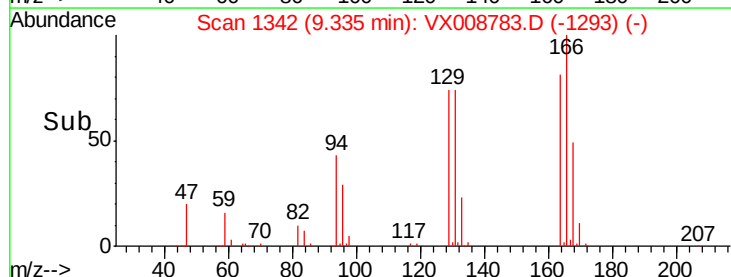
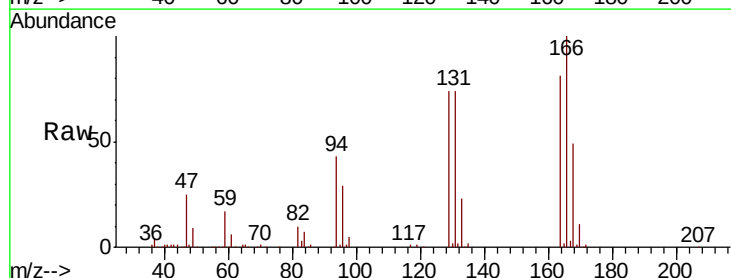
Instrument :
MSVOA_X
ClientSampled :

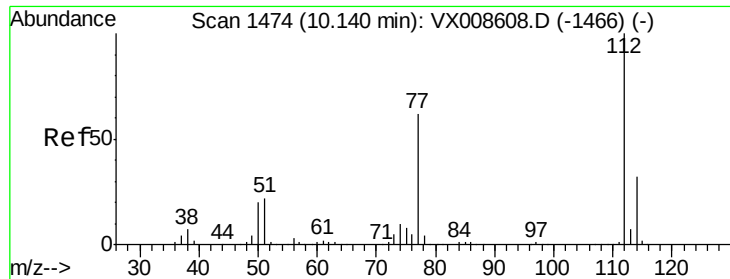
Tot Ion:117 Resp: 260511
Ion Ratio Lower Upper
117 100
82 61.6 49.6 74.4
119 31.9 25.0 37.4



#64
Tetrachloroethene
Concen: 18.017 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008783.D
Acq: 09 Apr 2019 20:05

Tgt Ion:164 Resp: 34775
Ion Ratio Lower Upper
164 100
166 123.7 101.0 151.6
129 91.2 75.8 113.8
131 91.9 71.8 107.8

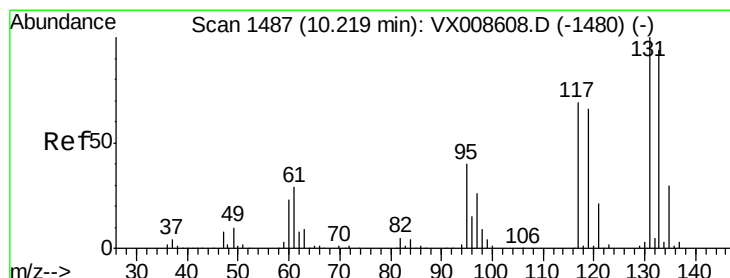
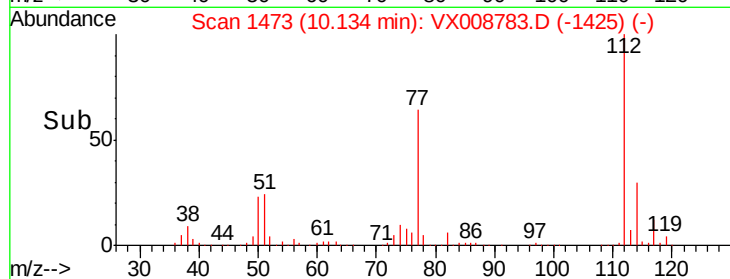
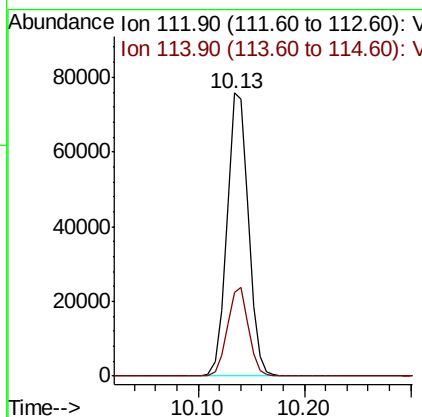
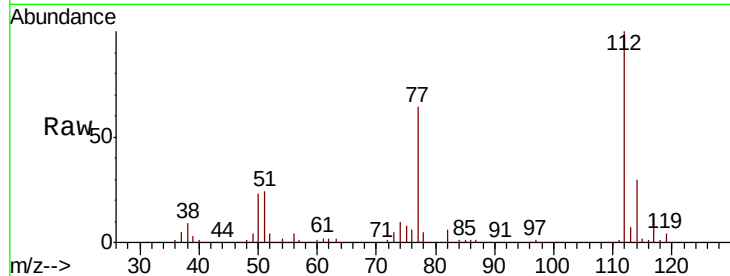




#65
Chlorobenzene
Concen: 18.516 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX008783.D
Acq: 09 Apr 2019 20:05

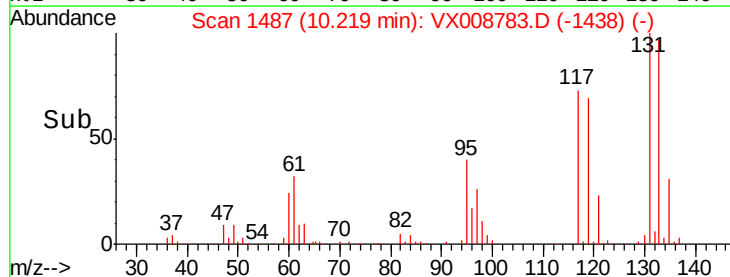
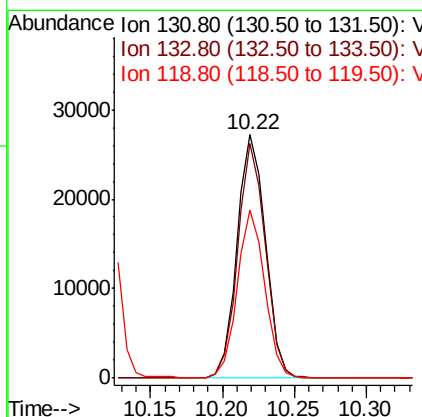
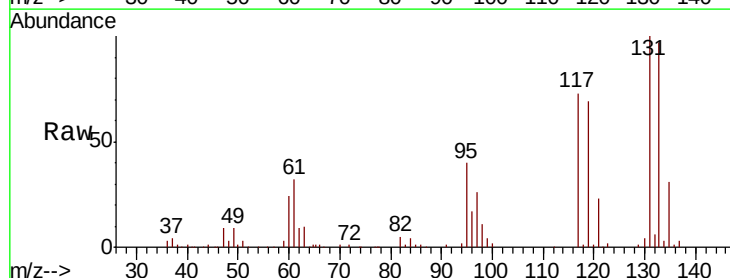
Instrument :
MSVOA_X
ClientSampled :

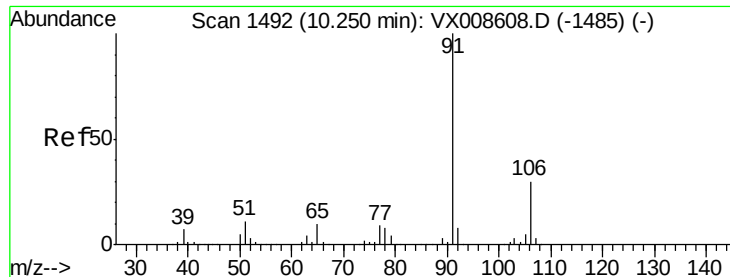
Tot Ion:112 Resp: 106925
Ion Ratio Lower Upper
112 100
114 29.5 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 18.358 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX008783.D
Acq: 09 Apr 2019 20:05

Tgt Ion:131 Resp: 37192
Ion Ratio Lower Upper
131 100
133 94.1 47.0 141.2
119 67.2 33.7 101.0





#67

Ethyl Benzene

Concen: 18.240 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX008783.D

Acq: 09 Apr 2019 20:05

Instrument :

MSVOA_X

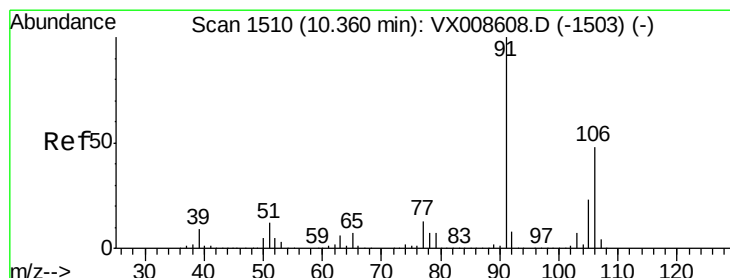
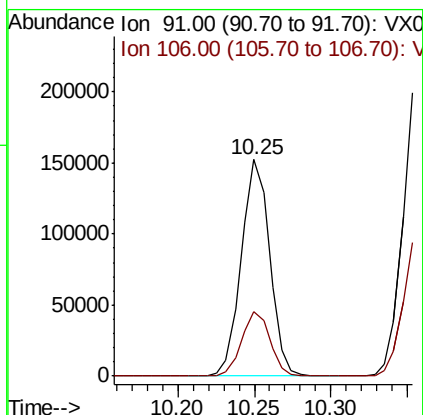
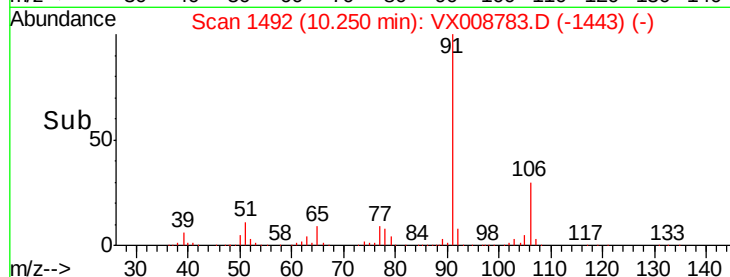
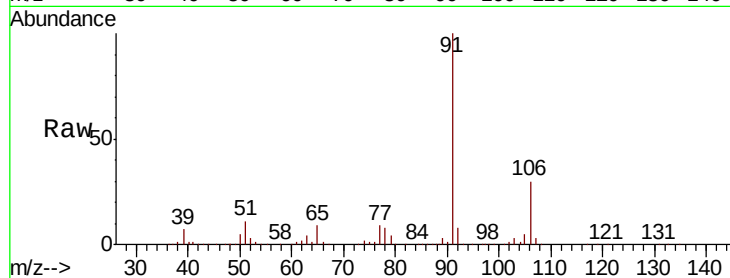
ClientSampled :

Tot Ion: 91 Resp: 196403

Ion Ratio Lower Upper

91 100

106 30.0 23.7 35.5



#68

m/p-Xylenes

Concen: 36.100 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX008783.D

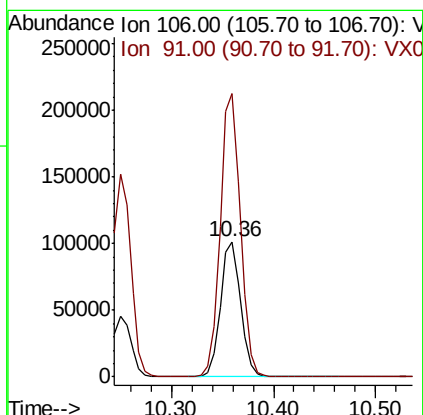
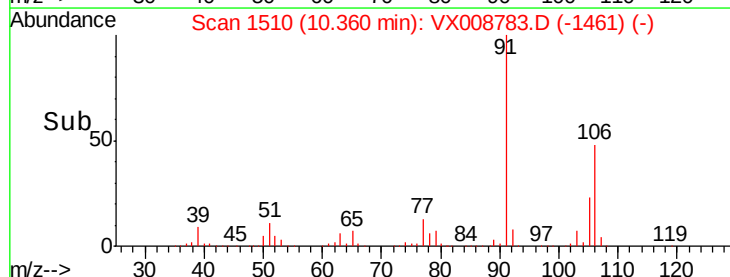
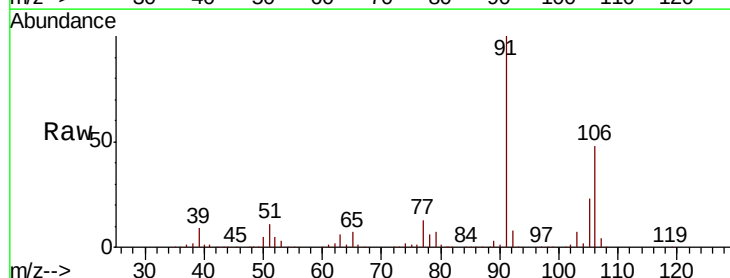
Acq: 09 Apr 2019 20:05

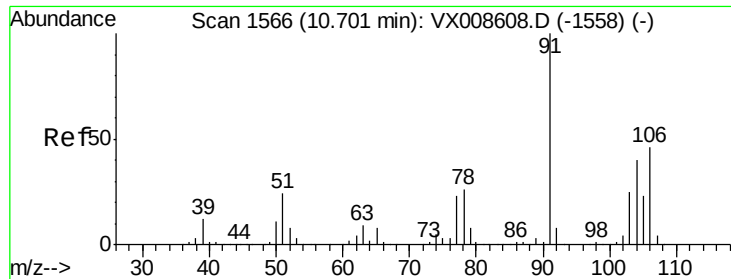
Tgt Ion:106 Resp: 139767

Ion Ratio Lower Upper

106 100

91 209.8 168.5 252.7

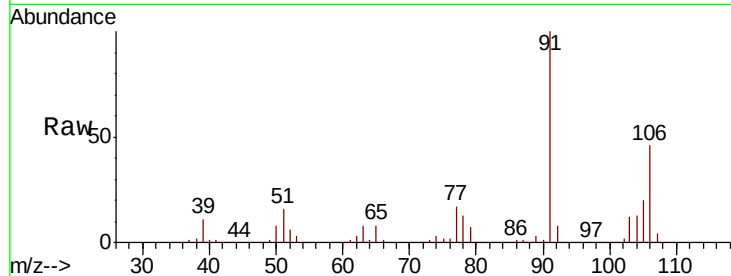




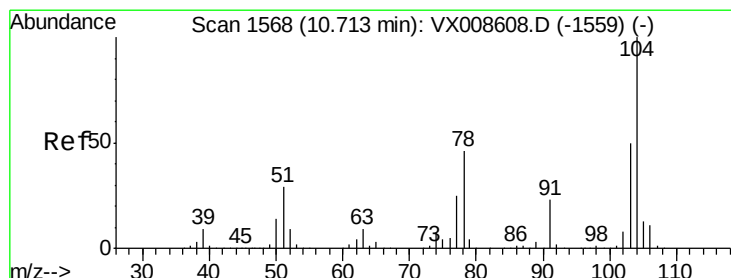
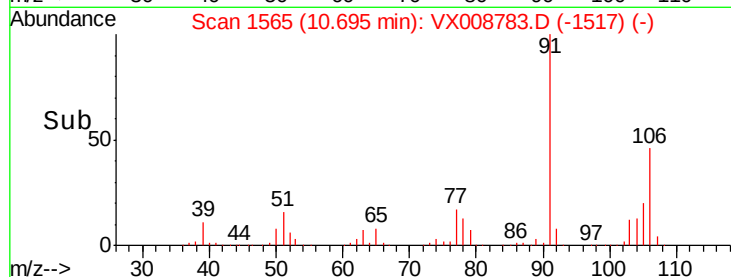
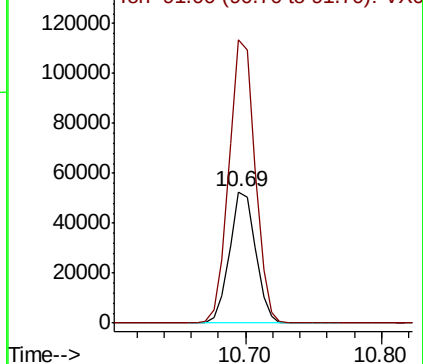
#69
o-Xylene
Concen: 18.706 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008783.D
Acq: 09 Apr 2019 20:05

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 70185
Ion Ratio Lower Upper
106 100
91 216.5 111.5 334.4

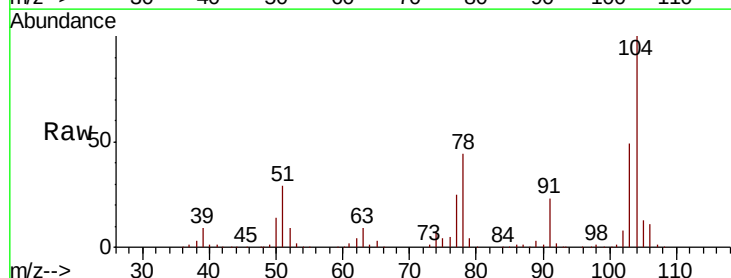


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

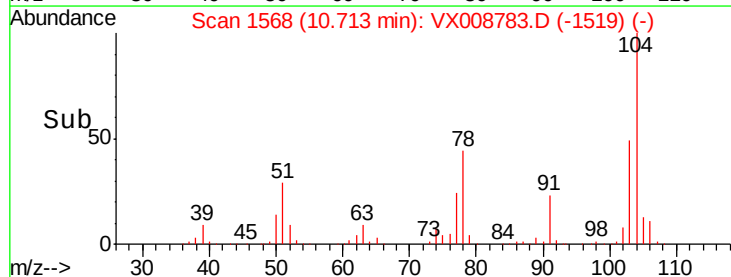
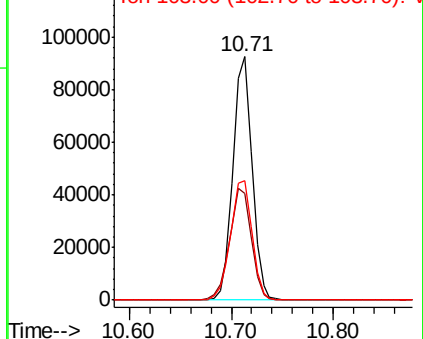


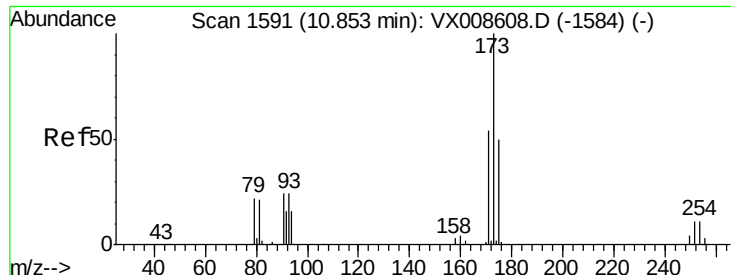
#70
Styrene
Concen: 18.566 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008783.D
Acq: 09 Apr 2019 20:05

Tgt Ion:104 Resp: 120081
Ion Ratio Lower Upper
104 100
78 52.1 42.3 63.5
103 54.7 44.4 66.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 18.904 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX008783.D

Acq: 09 Apr 2019 20:05

Instrument :

MSVOA_X

ClientSampled :

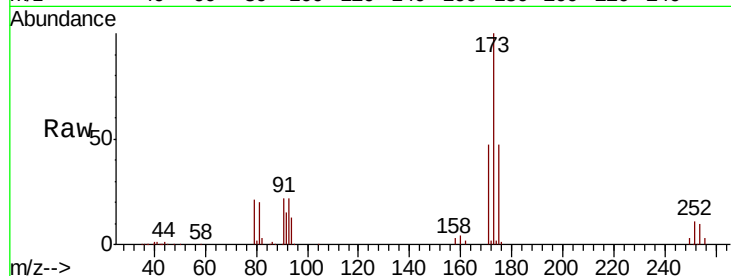
Tot Ion:173 Resp: 29249

Ion Ratio Lower Upper

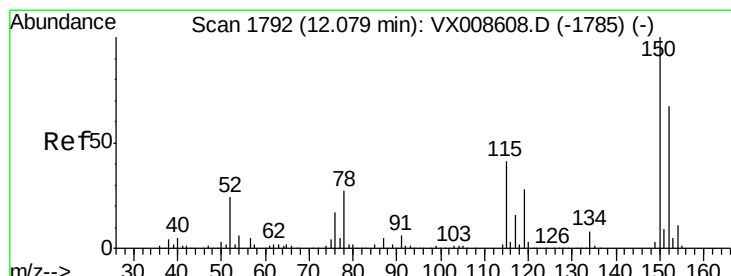
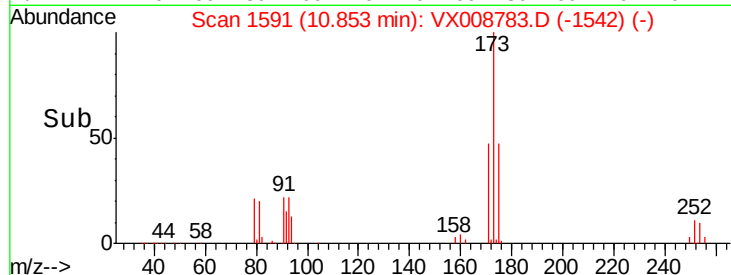
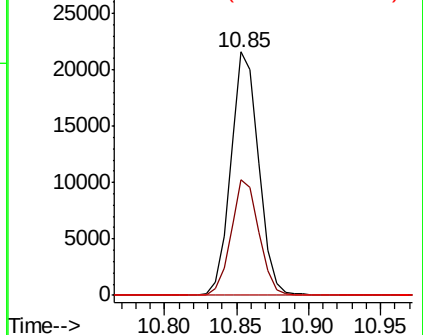
173 100

175 47.2 24.9 74.6

254 0.0 0.1 0.1#



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: VX008783.D

Acq: 09 Apr 2019 20:05

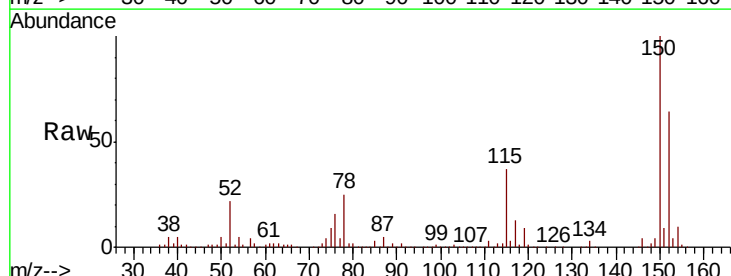
Tgt Ion:152 Resp: 119471

Ion Ratio Lower Upper

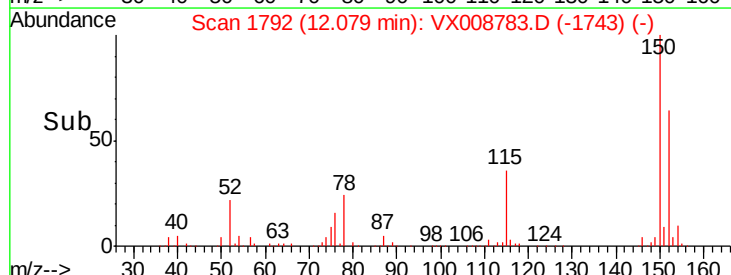
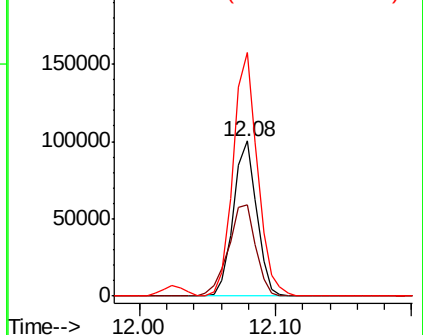
152 100

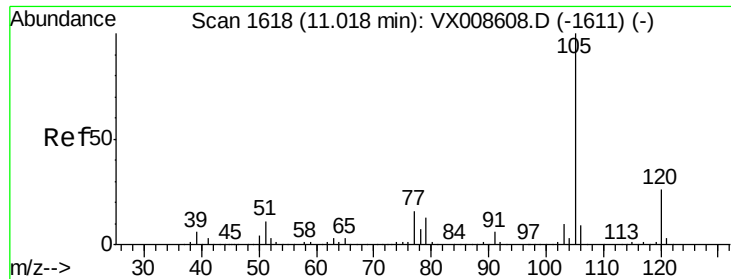
115 69.1 43.5 130.5

150 164.5 0.0 348.8



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





#73

Isopropylbenzene

Concen: 18.653 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008783.D

Acq: 09 Apr 2019 20:05

Instrument :

MSVOA_X

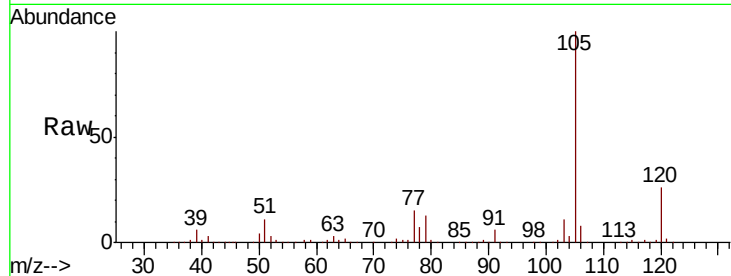
ClientSampleId :

Tot Ion:105 Resp: 184684

Ion Ratio Lower Upper

105 100

120 25.8 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

150000

11.02

100000

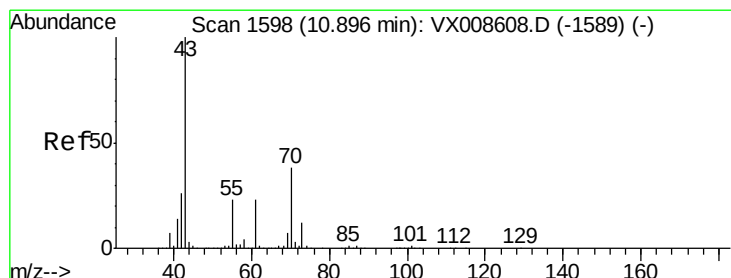
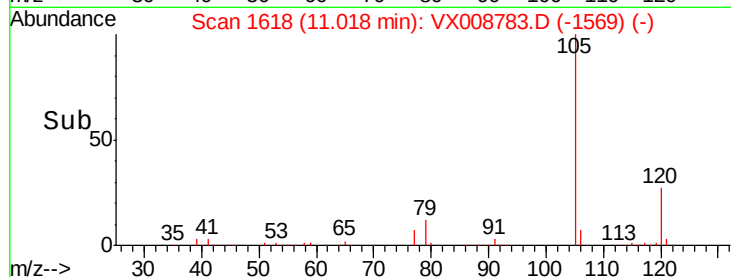
50000

0

Time-->

11.00

11.10



#74

N-ethyl acetate

Concen: 19.220 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008783.D

Acq: 09 Apr 2019 20:05

Tgt Ion: 43 Resp: 111961

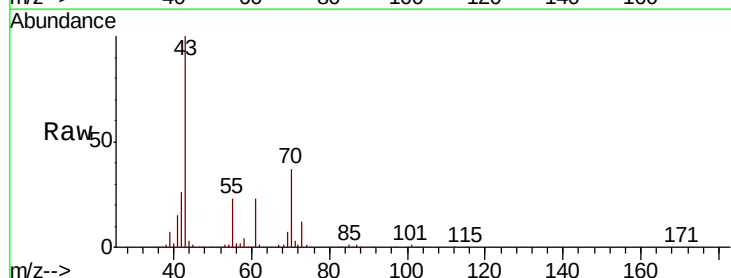
Ion Ratio Lower Upper

43 100

70 37.5 30.2 45.4

55 23.0 18.2 27.4

61 22.9 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

150000

10.90

100000

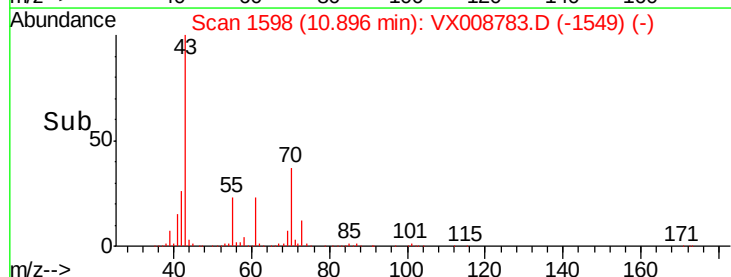
50000

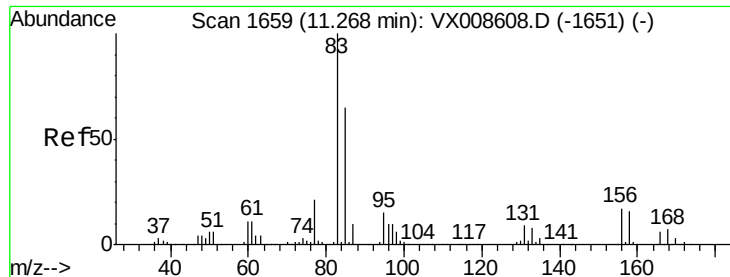
0

Time-->

10.90

11.00

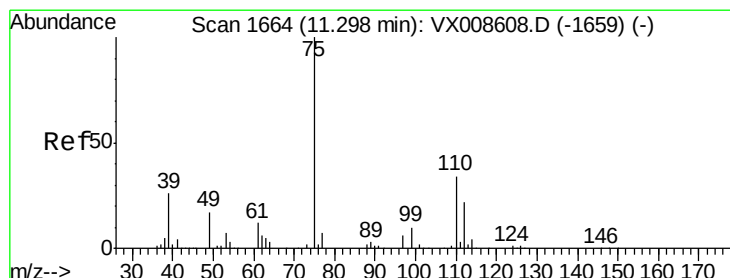
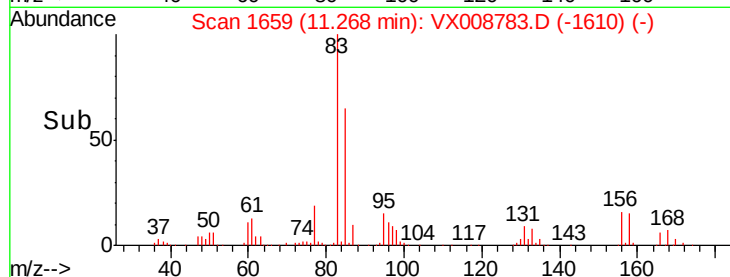
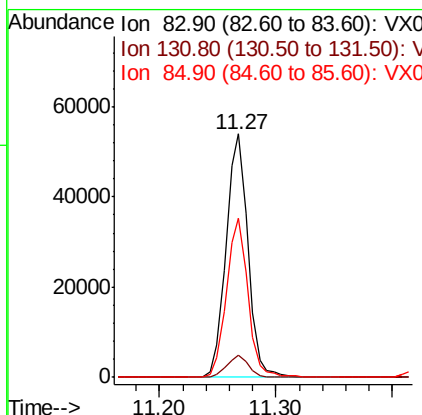
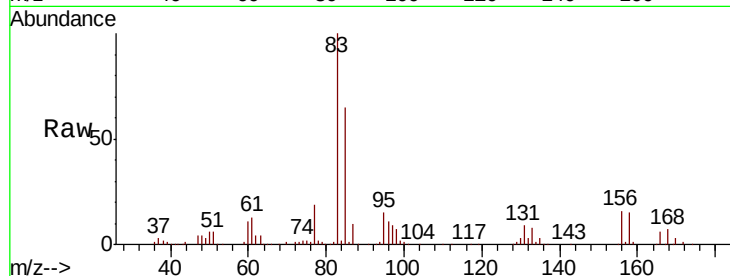




#75
 1,1,2,2-Tetrachloroethane
 Concen: 18.646 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VX008783.D
 Acq: 09 Apr 2019 20:05

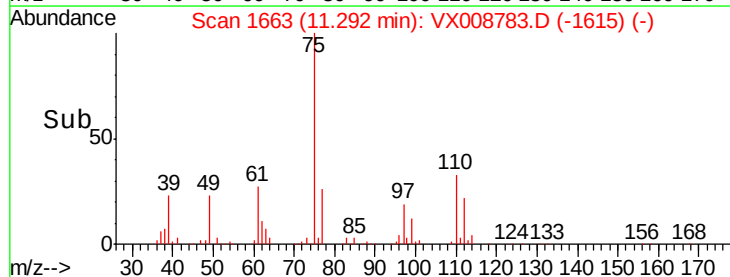
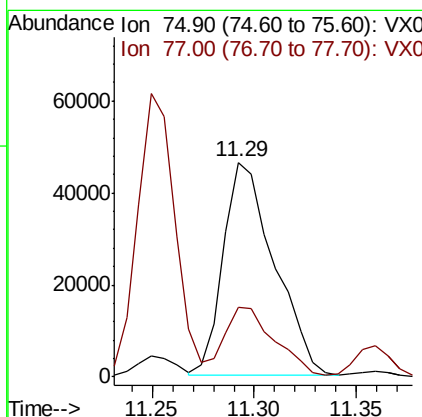
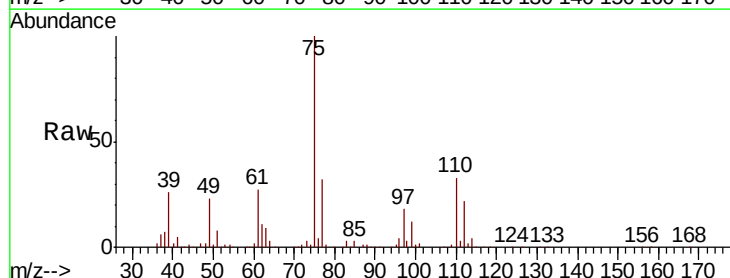
Instrument :
 MSVOA_X
 ClientSampleId :

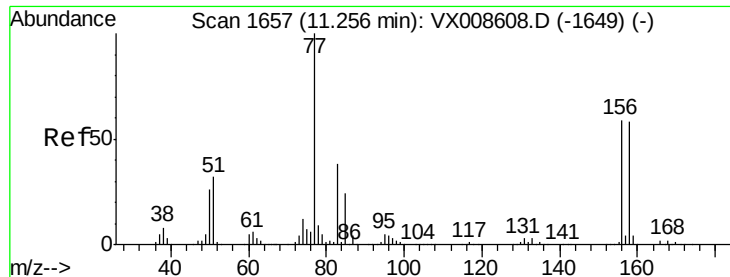
Tot Ion: 83 Resp: 70210
 Ion Ratio Lower Upper
 83 100
 131 9.1 4.5 13.7
 85 64.2 32.0 96.2



#76
 1,2,3-Trichloropropane
 Concen: 24.446 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.01 min
 Lab File: VX008783.D
 Acq: 09 Apr 2019 20:05

Tgt Ion: 75 Resp: 80230
 Ion Ratio Lower Upper
 75 100
 77 32.6 22.3 66.8





#77

Bromobenzene

Concen: 19.057 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008783.D

Acq: 09 Apr 2019 20:05

Instrument :

MSVOA_X

ClientSampled :

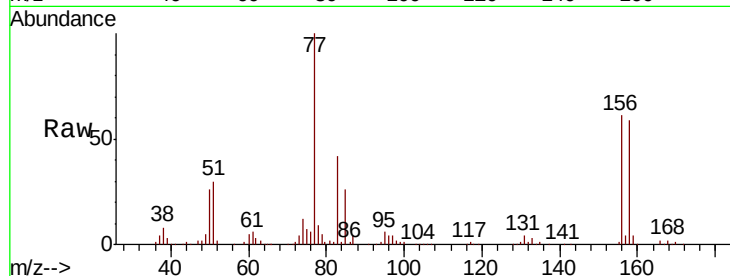
Tot Ion:156 Resp: 45360

Ion Ratio Lower Upper

156 100

77 173.4 89.8 269.6

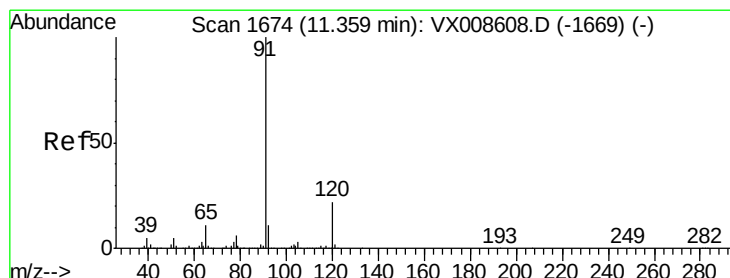
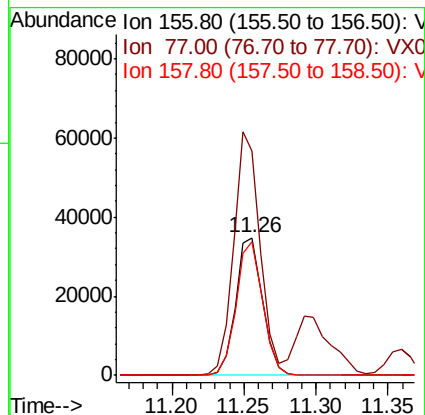
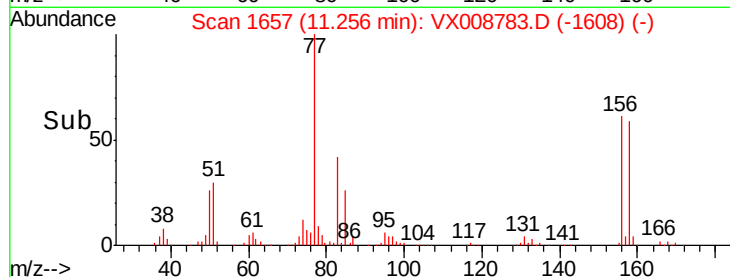
158 95.4 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.175 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008783.D

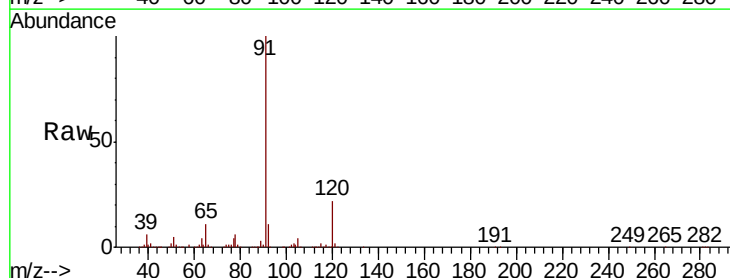
Acq: 09 Apr 2019 20:05

Tgt Ion: 91 Resp: 209532

Ion Ratio Lower Upper

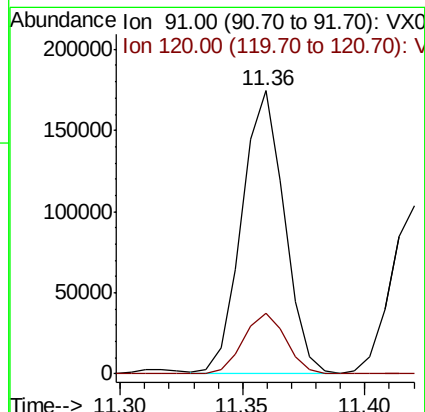
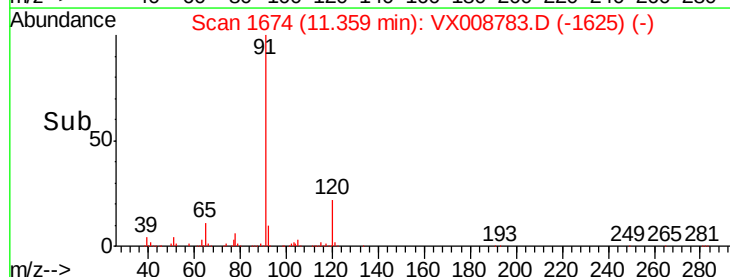
91 100

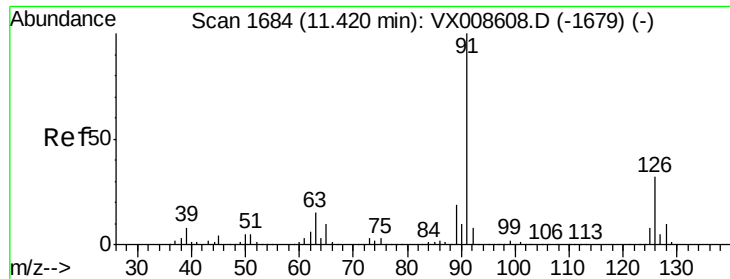
120 21.7 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

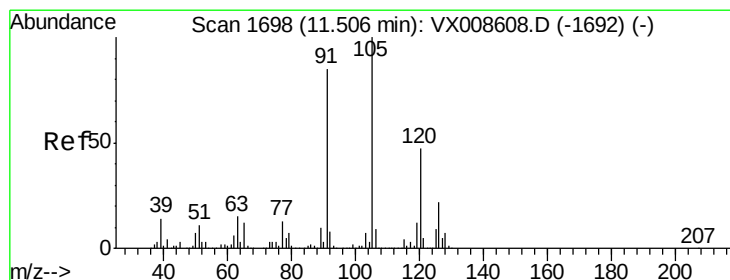
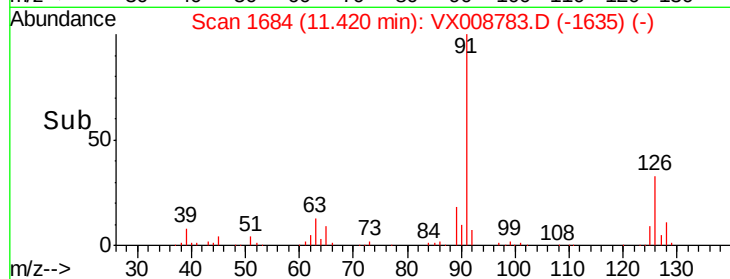
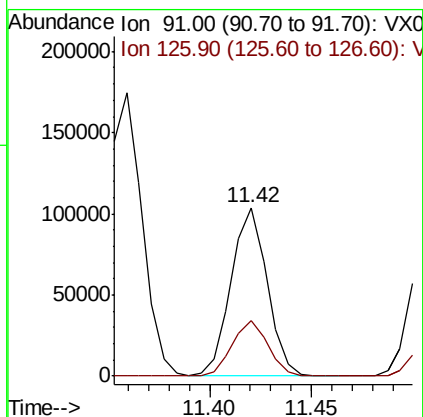
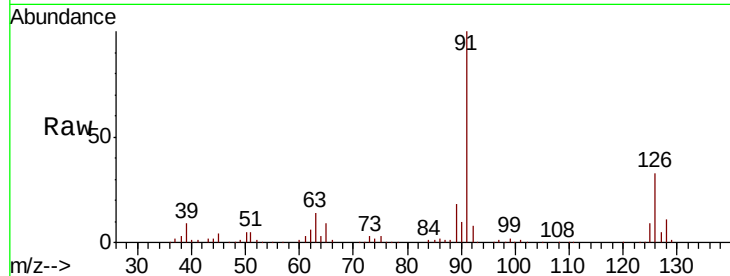




#79
 2-Chlorotoluene
 Concen: 18.121 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX008783.D
 Acq: 09 Apr 2019 20:05

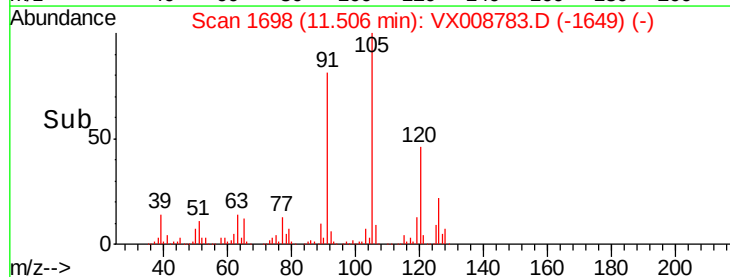
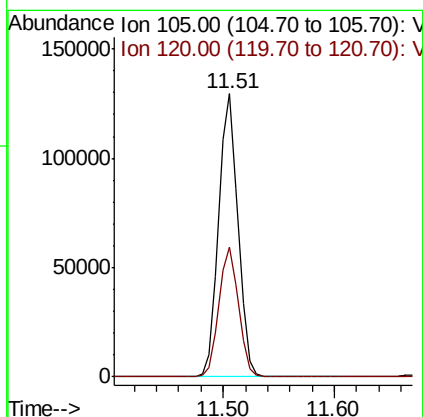
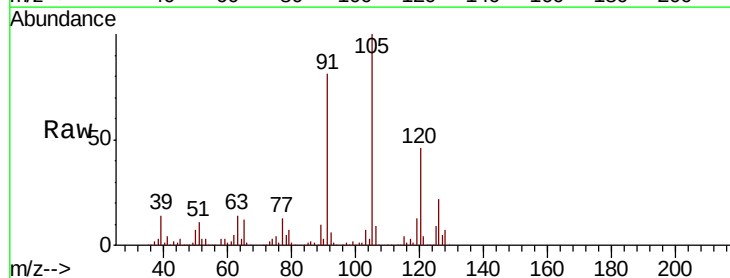
Instrument :
 MSVOA_X
 ClientSampleId :

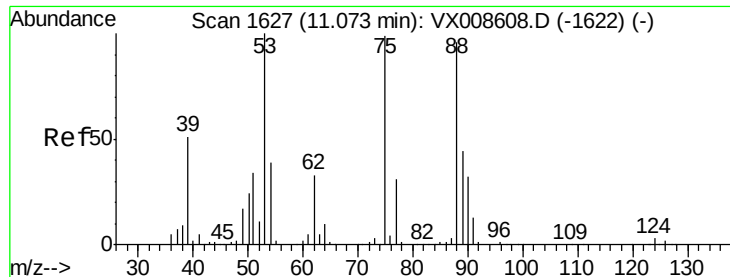
Tot Ion: 91 Resp: 126423
 Ion Ratio Lower Upper
 91 100
 126 33.0 16.1 48.3



#80
 1,3,5-Trimethylbenzene
 Concen: 18.722 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX008783.D
 Acq: 09 Apr 2019 20:05

Tgt Ion: 105 Resp: 155596
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.5 70.6





#81

trans-1,4-Dichloro-2-butene

Concen: 17.413 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008783.D

Acq: 09 Apr 2019 20:05

Instrument :

MSVOA_X

ClientSampleId :

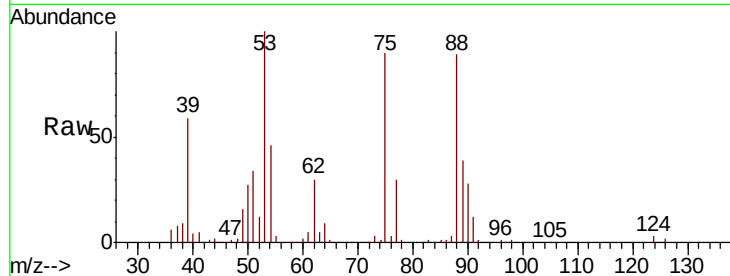
Tot Ion: 75 Resp: 20732

Ion Ratio Lower Upper

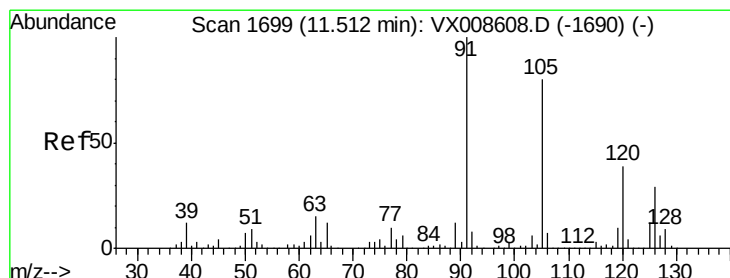
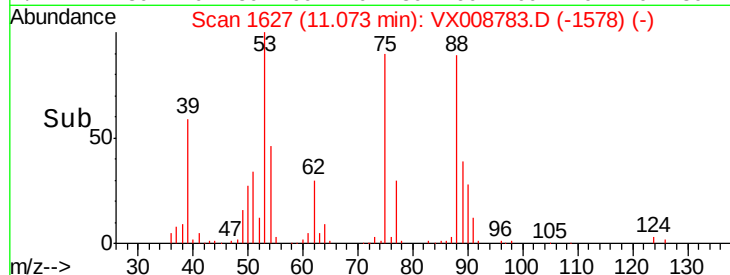
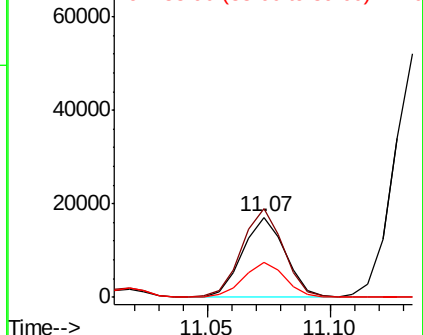
75 100

53 108.3 81.3 121.9

89 43.4 35.6 53.4



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 17.821 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX008783.D

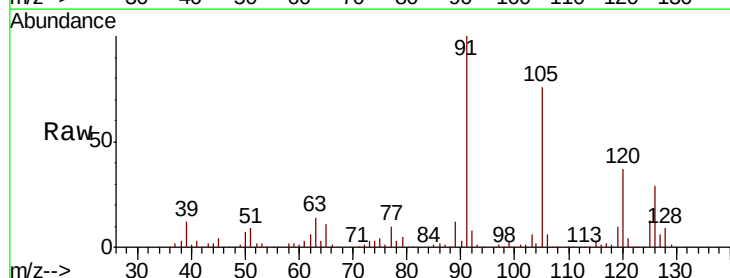
Acq: 09 Apr 2019 20:05

Tgt Ion: 91 Resp: 143915

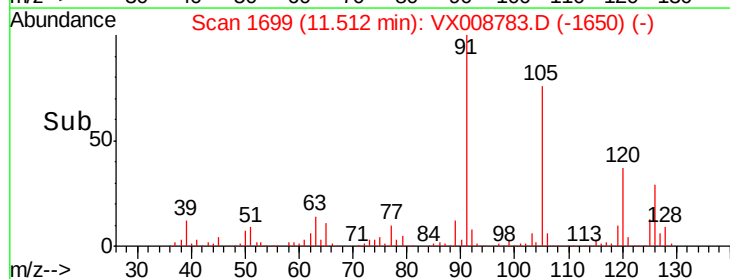
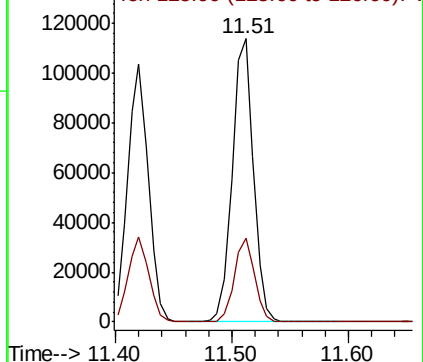
Ion Ratio Lower Upper

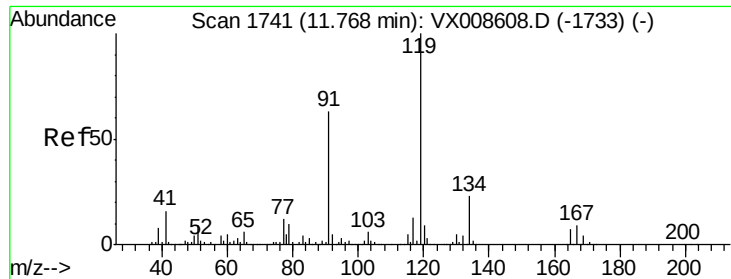
91 100

126 28.7 13.9 41.6



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

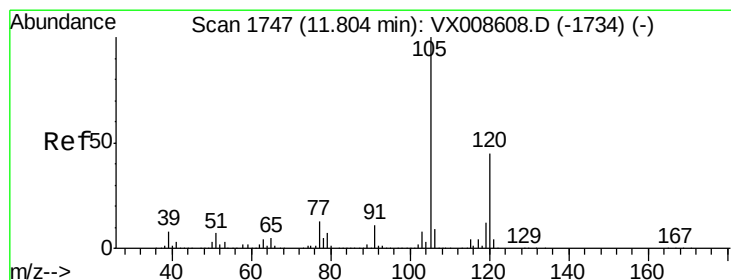
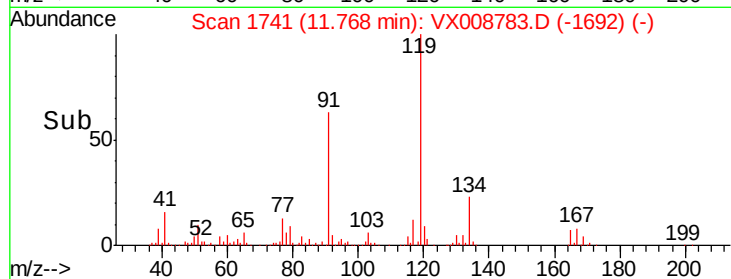
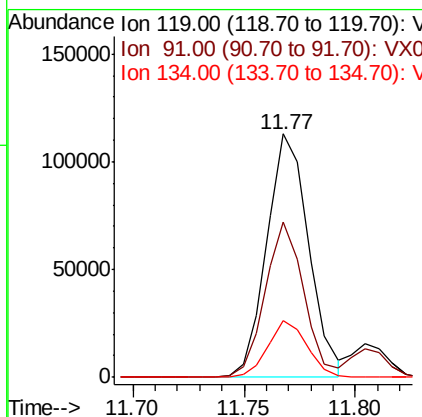
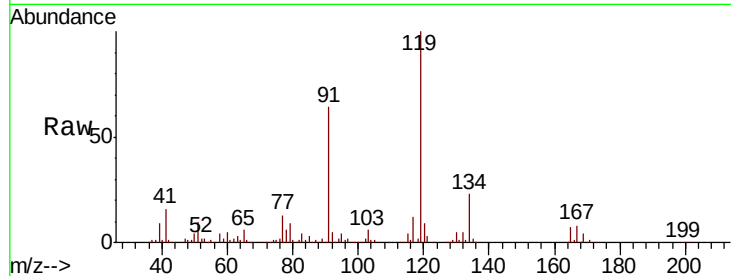




#83
 tert-Butylbenzene
 Concen: 18.429 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX008783.D
 Acq: 09 Apr 2019 20:05

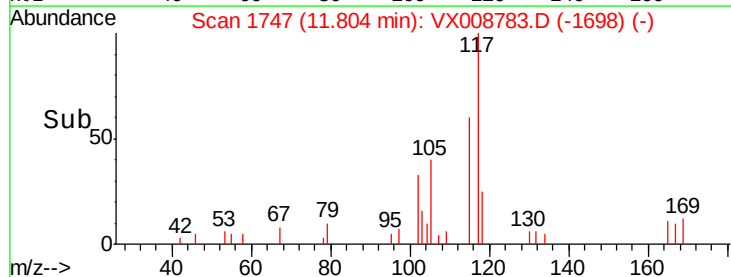
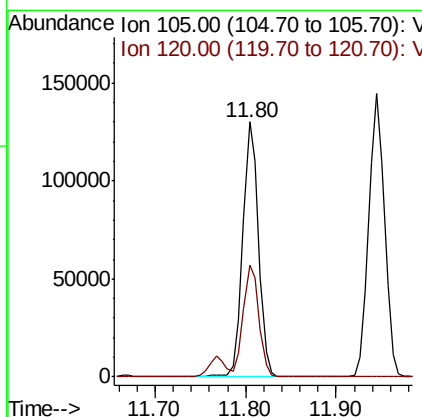
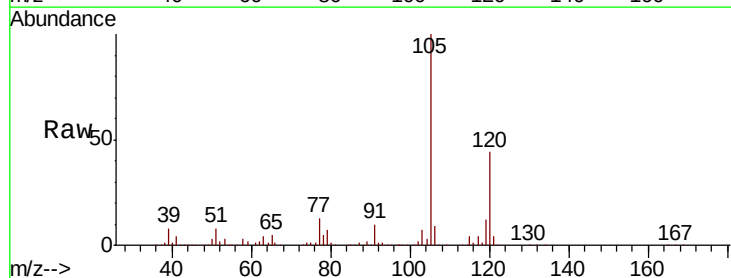
Instrument :
 MSVOA_X
 ClientSampled :

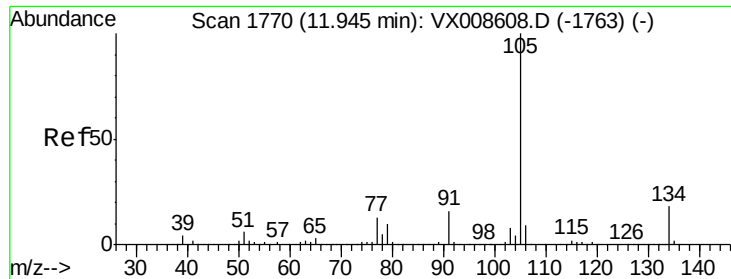
Tot Ion	Ratio	Lower	Upper
119	100		
91	59.2	30.0	90.1
134	22.0	11.1	33.3



#84
 1,2,4-Trimethylbenzene
 Concen: 18.515 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX008783.D
 Acq: 09 Apr 2019 20:05

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.7	21.8	65.3





#85

sec-Butylbenzene

Concen: 18.437 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008783.D

Acq: 09 Apr 2019 20:05

Instrument :

MSVOA_X

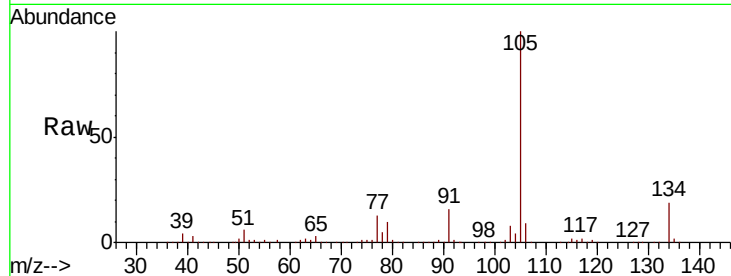
ClientSampleId :

Tot Ion:105 Resp: 175107

Ion Ratio Lower Upper

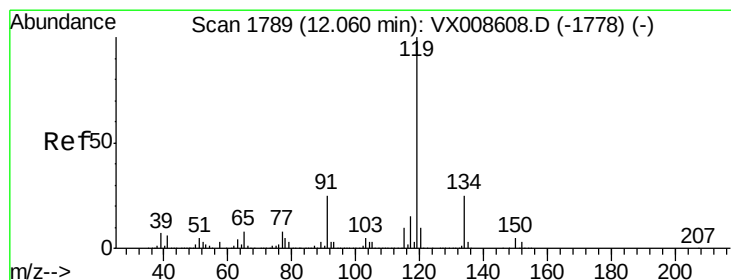
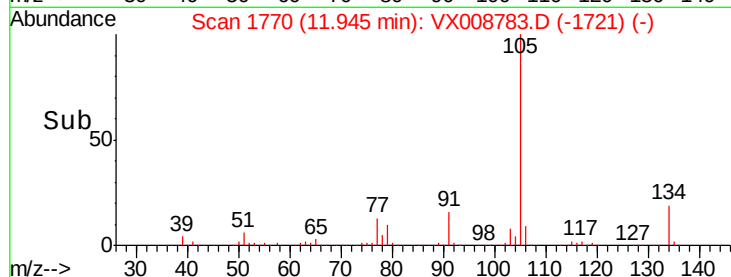
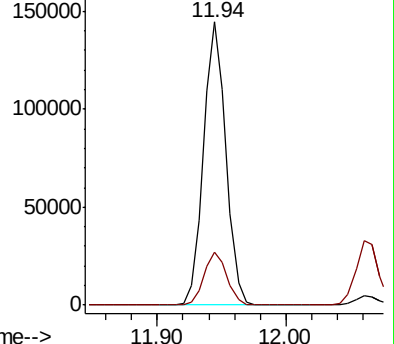
105 100

134 19.0 9.4 28.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.359 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008783.D

Acq: 09 Apr 2019 20:05

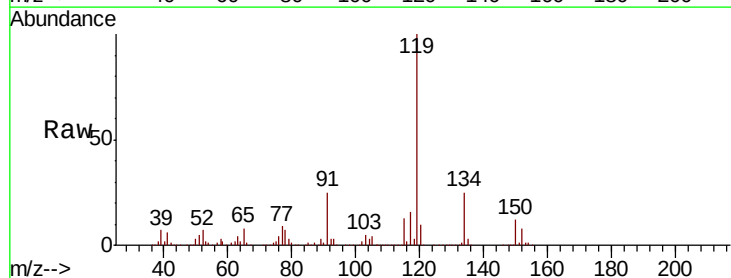
Tgt Ion:119 Resp: 156501

Ion Ratio Lower Upper

119 100

134 25.4 12.8 38.4

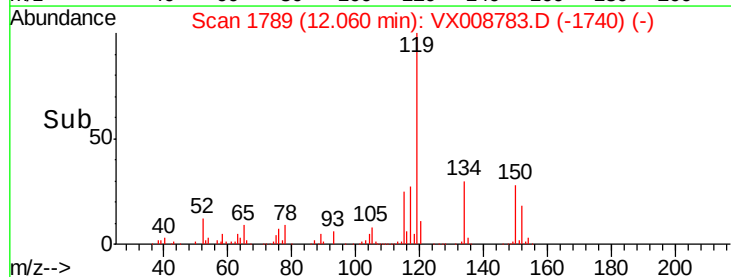
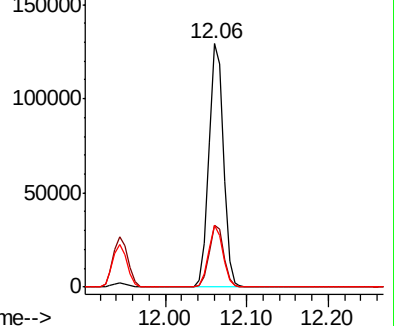
91 25.0 12.2 36.6

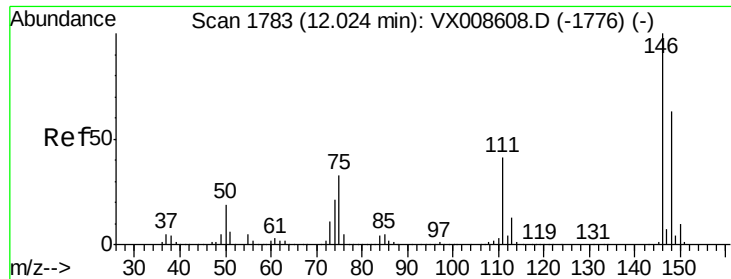


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

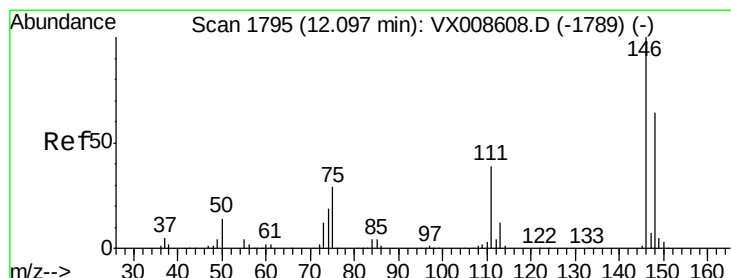
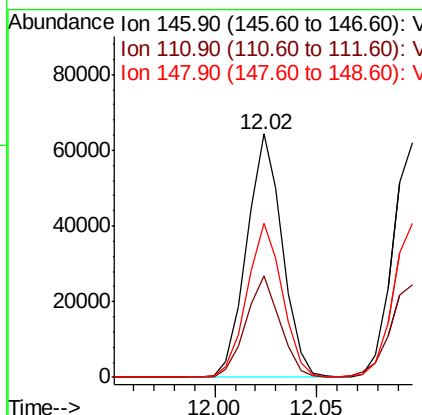
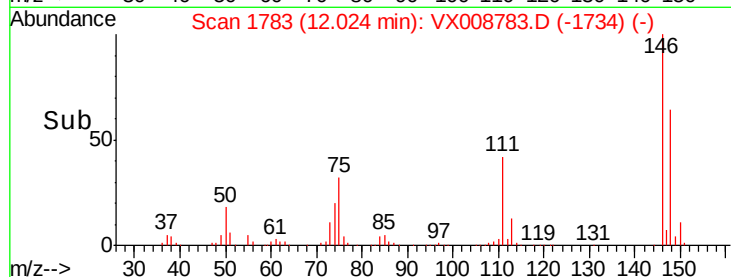
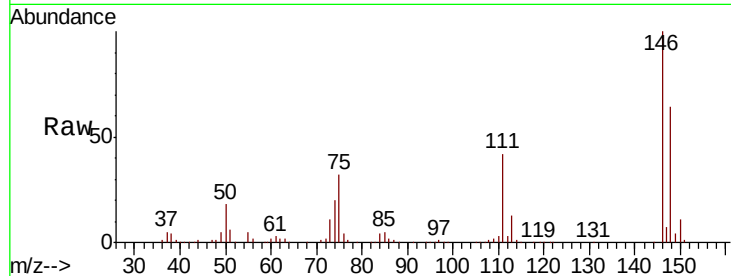




#87
 1,3-Dichlorobenzene
 Concen: 18.286 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008783.D
 Acq: 09 Apr 2019 20:05

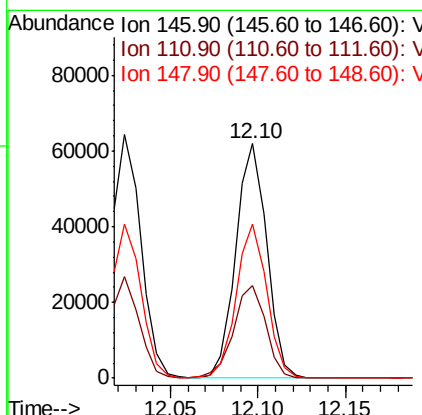
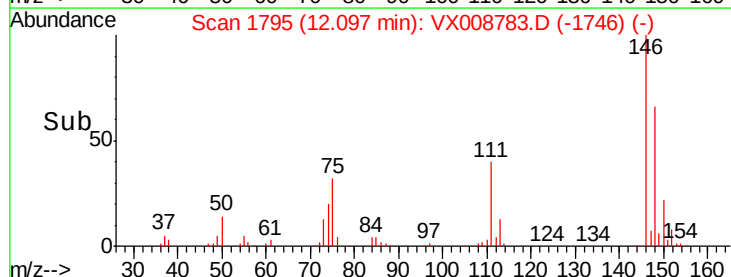
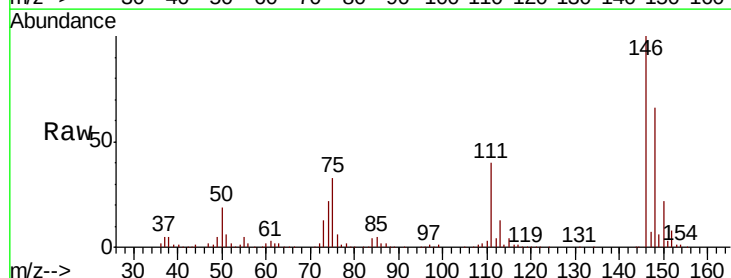
Instrument :
 MSVOA_X
 ClientSampleId :

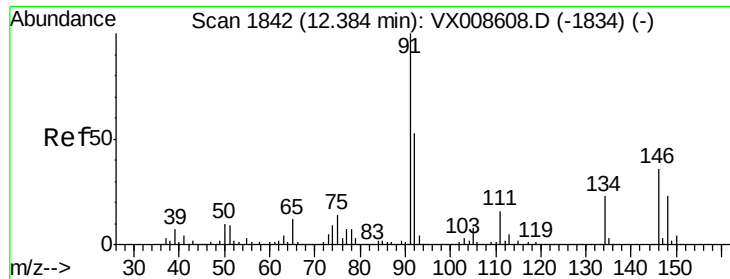
Tot Ion:146 Resp: 77916
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.5 61.5
 148 63.2 31.6 94.7



#88
 1,4-Dichlorobenzene
 Concen: 17.609 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008783.D
 Acq: 09 Apr 2019 20:05

Tgt Ion:146 Resp: 75978
 Ion Ratio Lower Upper
 146 100
 111 41.9 20.2 60.6
 148 65.3 32.0 96.0





#89

n-Butylbenzene

Concen: 17.917 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX008783.D

Acq: 09 Apr 2019 20:05

Instrument :

MSVOA_X

ClientSampleId :

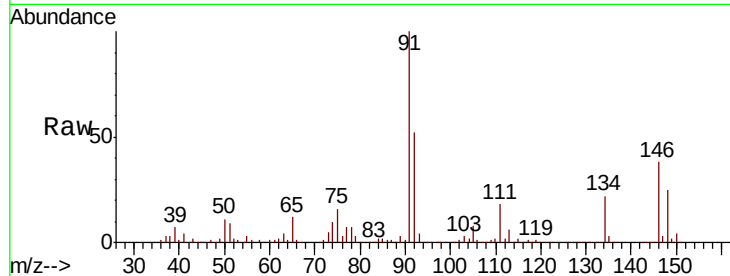
Tot Ion: 91 Resp: 143235

Ion Ratio Lower Upper

91 100

92 52.6 26.4 79.2

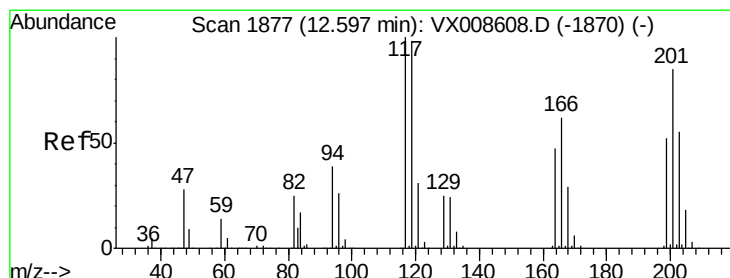
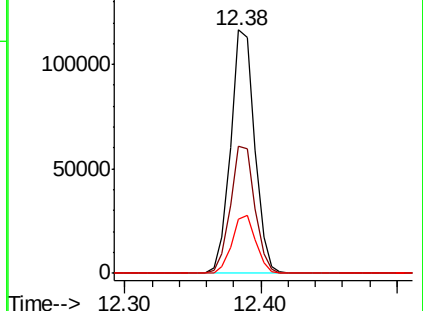
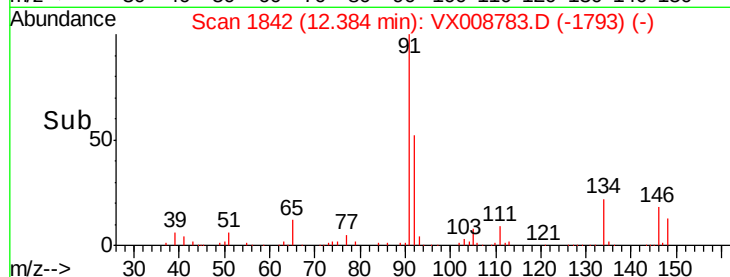
134 23.7 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX008608.D (-1834) (-)

Ion 92.00 (91.70 to 92.70): VX008608.D (-1834) (-)

Ion 134.00 (133.70 to 134.70): VX008608.D (-1834) (-)



#90

Hexachloroethane

Concen: 18.103 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX008783.D

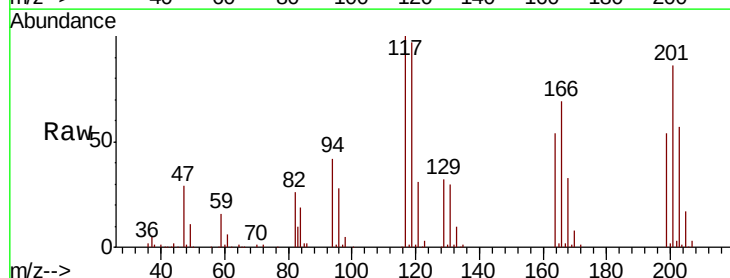
Acq: 09 Apr 2019 20:05

Tgt Ion: 117 Resp: 25596

Ion Ratio Lower Upper

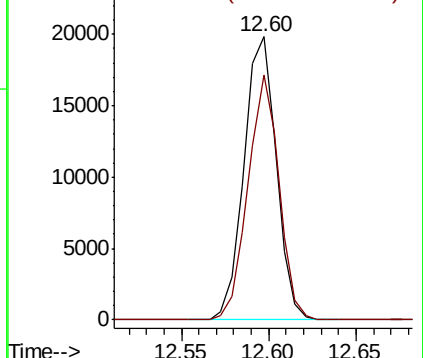
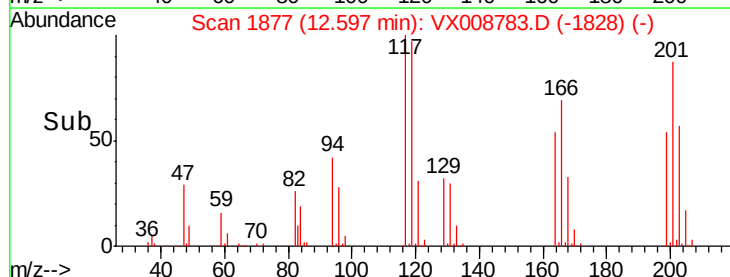
117 100

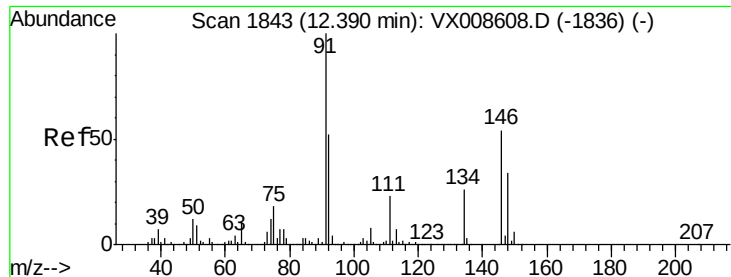
201 83.0 40.6 122.0



Abundance Ion 116.80 (116.50 to 117.50): VX008608.D (-1870) (-)

Ion 200.70 (200.40 to 201.40): VX008608.D (-1870) (-)

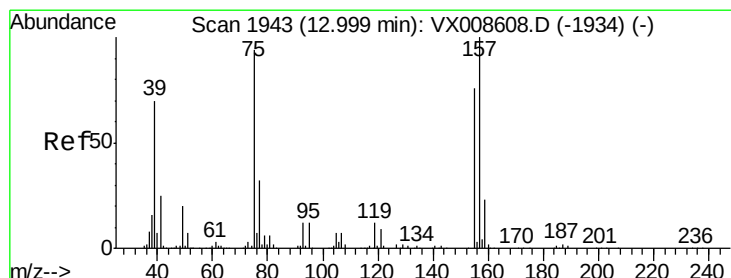
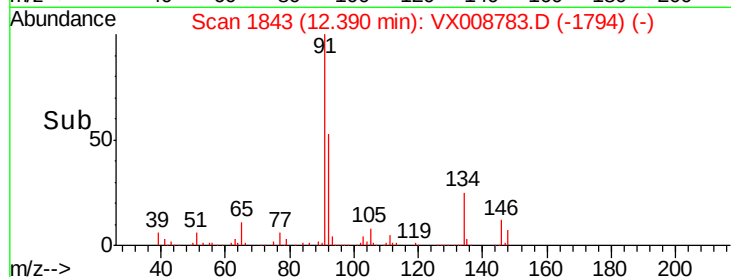
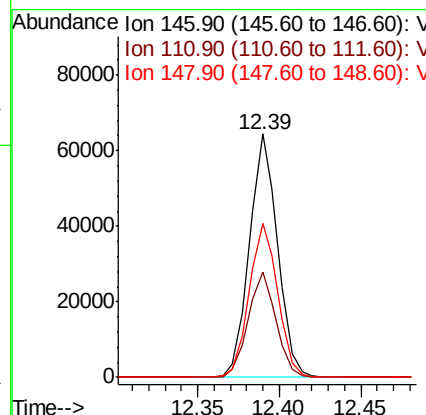
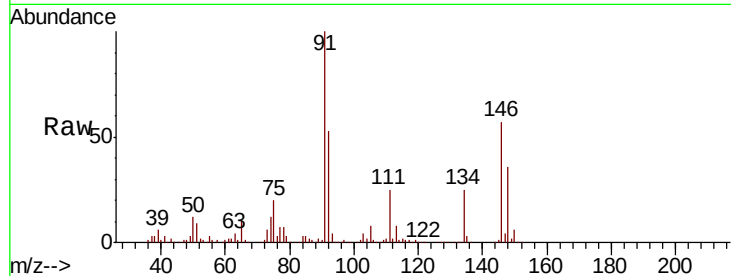




#91
 1,2-Dichlorobenzene
 Concen: 18.330 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008783.D
 Acq: 09 Apr 2019 20:05

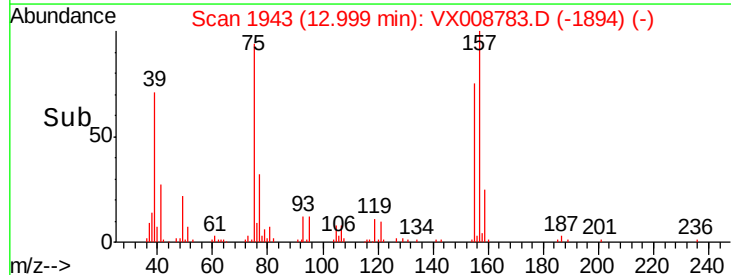
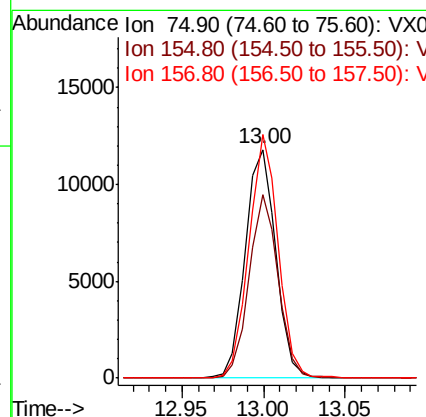
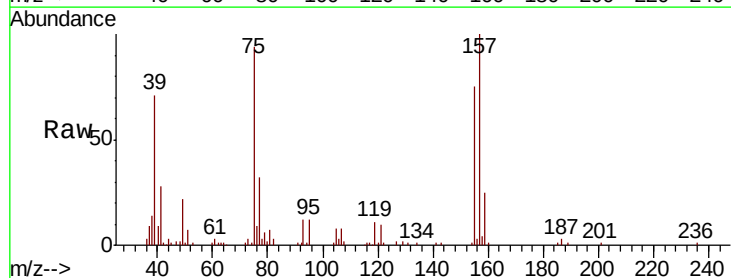
Instrument :
 MSVOA_X
 ClientSampleId :

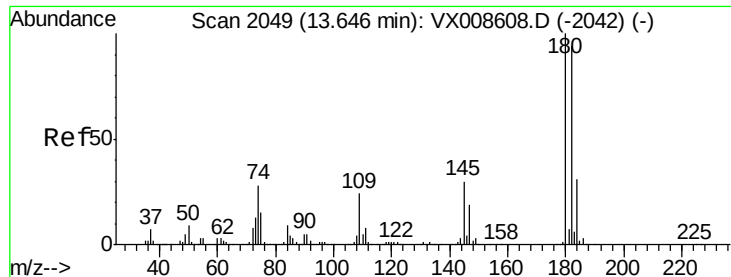
Tot Ion:146 Resp: 77549
 Ion Ratio Lower Upper
 146 100
 111 42.9 21.3 63.9
 148 64.2 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.628 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX008783.D
 Acq: 09 Apr 2019 20:05

Tgt Ion: 75 Resp: 15430
 Ion Ratio Lower Upper
 75 100
 155 76.3 39.9 119.6
 157 101.8 51.5 154.7

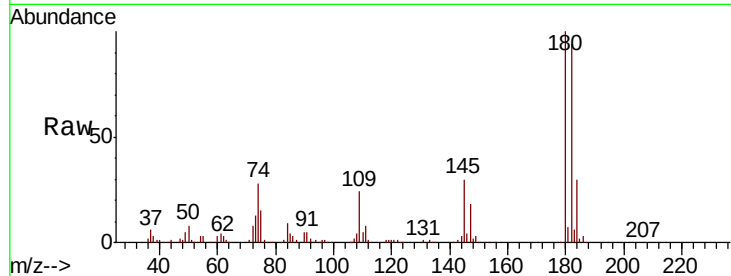




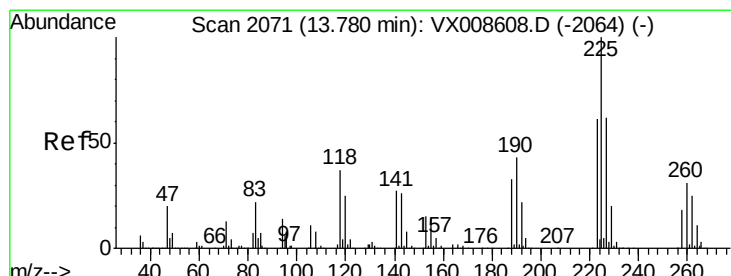
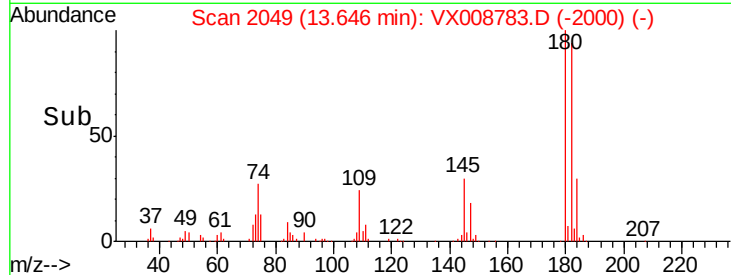
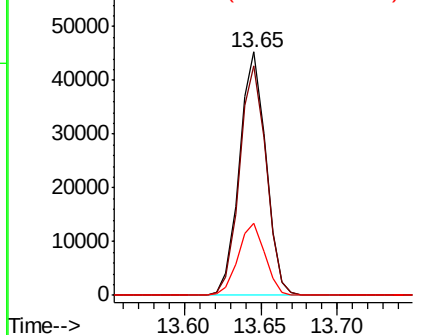
#93
 1,2,4-Trichlorobenzene
 Concen: 18.489 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008783.D
 Acq: 09 Apr 2019 20:05

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 54388
 Ion Ratio Lower Upper
 180 100
 182 95.0 47.2 141.6
 145 29.8 15.3 45.9

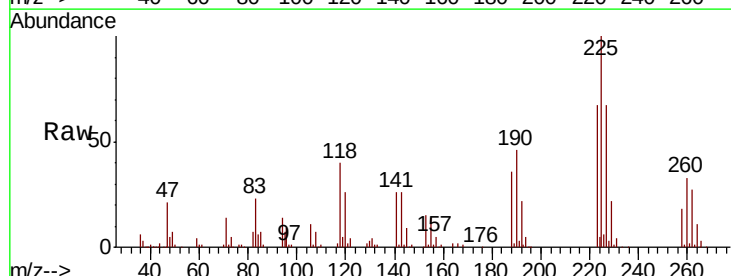


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

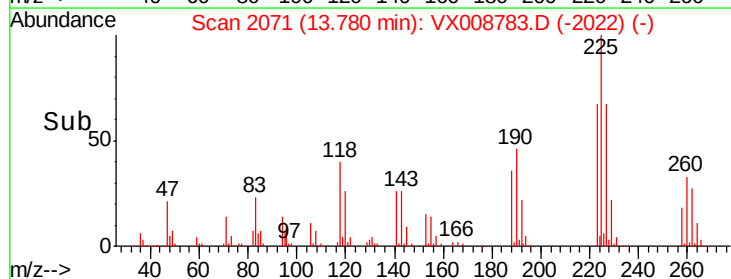
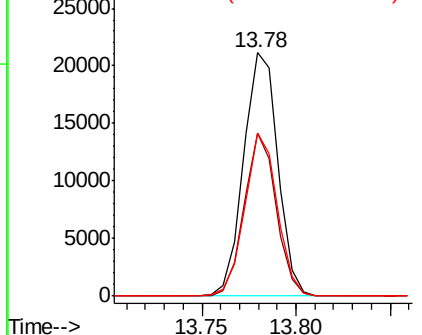


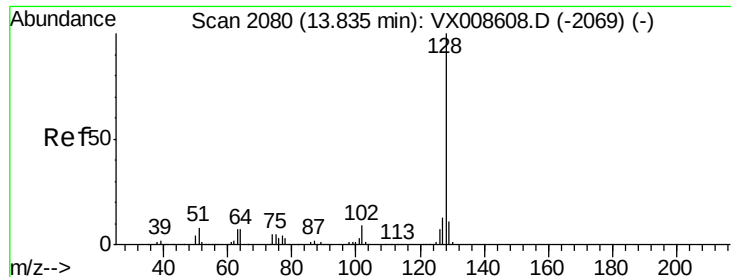
#94
 Hexachlorobutadiene
 Concen: 18.881 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008783.D
 Acq: 09 Apr 2019 20:05

Tgt Ion:225 Resp: 26636
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.2 93.6
 227 63.5 31.9 95.5



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

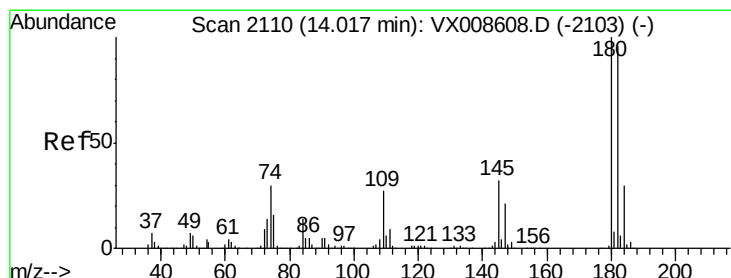
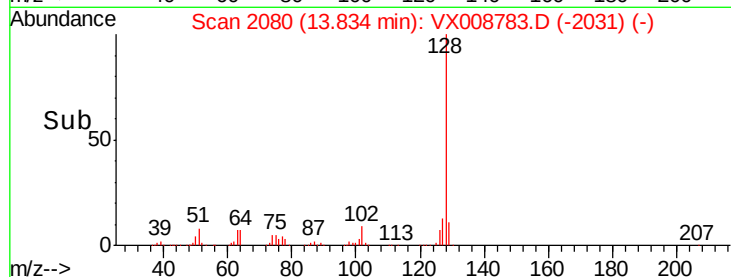
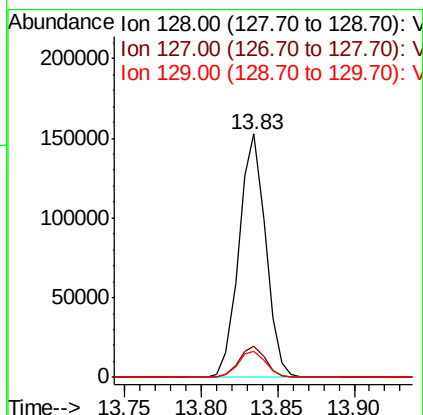
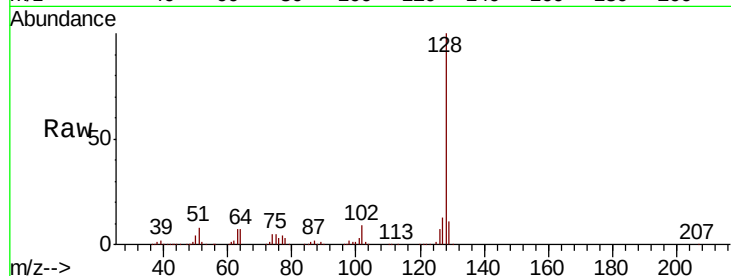




#95
Naphthalene
Concen: 18.797 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008783.D
Acq: 09 Apr 2019 20:05

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 184803
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 18.300 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX008783.D
Acq: 09 Apr 2019 20:05

Tgt Ion:180 Resp: 53785
Ion Ratio Lower Upper
180 100
182 96.5 48.1 144.3
145 31.8 16.3 48.8

