

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102218\
 Data File : VX005510.D
 Acq On : 23 Oct 2018 09:53
 Operator : JC/MD
 Sample : J5603-20MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 23 12:11:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	178994	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	278430	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	259955	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	145346	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	120672	60.74	ug/l	-0.01
Spiked Amount			Recovery	=	121.48%	
35) Dibromofluoromethane	5.51	113	93757	50.84	ug/l	0.00
Spiked Amount			Recovery	=	101.68%	
50) Toluene-d8	8.72	98	330913	52.27	ug/l	0.00
Spiked Amount			Recovery	=	104.54%	
62) 4-Bromofluorobenzene	11.14	95	128024	53.83	ug/l	0.00
Spiked Amount			Recovery	=	107.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	65647	46.907	ug/l	93
3) Chloromethane	1.32	50	101654	50.128	ug/l	100
4) Vinyl Chloride	1.40	62	102594	49.942	ug/l	98
5) Bromomethane	1.64	94	64351	55.402	ug/l	93
6) Chloroethane	1.71	64	66503	55.379	ug/l	96
7) Trichlorofluoromethane	1.92	101	145548	53.093	ug/l	95
8) Diethyl Ether	2.19	74	64517	55.112	ug/l	83
9) 1,1,2-Trichlorotrifluoroet	2.38	101	74507	47.089	ug/l	97
10) Methyl Iodide	2.51	142	92771	53.300	ug/l	96
11) Tert butyl alcohol	3.08	59	156693	279.620	ug/l	99
12) 1,1-Dichloroethene	2.37	96	81077	51.717	ug/l	91
13) Acrolein	2.29	56	83859	234.377	ug/l	97
14) Allyl chloride	2.73	41	184928	53.729	ug/l	95
15) Acrylonitrile	3.15	53	356174	280.483	ug/l	96
16) Acetone	2.45	43	334462	291.190	ug/l	99
17) Carbon Disulfide	2.56	76	212658	44.779	ug/l	100
18) Methyl Acetate	2.78	43	179584	54.956	ug/l	93
19) Methyl tert-butyl Ether	3.21	73	331742	60.084	ug/l	98
20) Methylene Chloride	2.85	84	99592	59.763	ug/l #	90
21) trans-1,2-Dichloroethene	3.16	96	89088	51.278	ug/l	96
22) Diisopropyl ether	3.87	45	357653	61.866	ug/l #	85
23) Vinyl Acetate	3.82	43	1273357	252.006	ug/l	95
24) 1,1-Dichloroethane	3.70	63	191960	57.937	ug/l	99
25) 2-Butanone	4.71	43	489102	291.038	ug/l	93
26) 2,2-Dichloropropane	4.58	77	85876	34.657	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	102315	54.189	ug/l	98
28) Bromochloromethane	5.02	49	89924	59.536	ug/l	89
29) Tetrahydrofuran	5.16	42	311335	290.432	ug/l	91
30) Chloroform	5.21	83	175815	57.170	ug/l	98
31) Cyclohexane	5.57	56	125479	45.950	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	150848	56.373	ug/l	99
36) 1,1-Dichloropropene	5.79	75	118641	43.997	ug/l	99
37) Ethyl Acetate	4.86	43	151122	43.578	ug/l	96
38) Carbon Tetrachloride	5.78	117	130183	48.047	ug/l	95

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	107315	36.771	ug/l	95
40) Benzene	6.15	78	404905	50.055	ug/l	97
41) Methacrylonitrile	5.06	41	97596	52.495	ug/l	95
42) 1,2-Dichloroethane	6.20	62	150153	52.569	ug/l	96
43) Isopropyl Acetate	6.46	43	242582	52.512	ug/l	95
44) Trichloroethene	7.21	130	98204	47.515	ug/l	93
45) 1,2-Dichloropropane	7.52	63	105919	53.379	ug/l	100
46) Dibromomethane	7.66	93	68119	52.014	ug/l	97
47) Bromodichloromethane	7.90	83	135052	55.750	ug/l	100
48) Methyl methacrylate	7.78	41	137290	57.302	ug/l	94
49) 1,4-Dioxane	7.76	88	53930	975.907	ug/l	93
51) 4-Methyl-2-Pentanone	8.65	43	942490	294.655	ug/l	94
52) Toluene	8.79	92	235869	53.298	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	137829	52.575	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	145205	51.118	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	104071	55.521	ug/l	98
56) Ethyl methacrylate	9.18	69	160816	58.851	ug/l	92
57) 1,3-Dichloropropane	9.37	76	171859	54.931	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.28	63	743	0.485	ug/l #	45
59) 2-Hexanone	9.50	43	747170	290.390	ug/l	92
60) Dibromochloromethane	9.59	129	110957	57.266	ug/l	100
61) 1,2-Dibromoethane	9.67	107	106241	54.007	ug/l	100
64) Tetrachloroethene	9.34	164	94262	45.042	ug/l	97
65) Chlorobenzene	10.14	112	270990	49.007	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.22	131	102828	52.183	ug/l	99
67) Ethyl Benzene	10.26	91	456482	50.781	ug/l	97
68) m/p-Xylenes	10.36	106	352406	101.004	ug/l	94
69) o-Xylene	10.70	106	173099	51.442	ug/l	97
70) Styrene	10.71	104	292845	52.911	ug/l	97
71) Bromoform	10.86	173	92859	52.733	ug/l #	99
73) Isopropylbenzene	11.02	105	457782	52.982	ug/l	99
74) N-amyl acetate	10.90	43	207855	49.876	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	176185	54.054	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	190721	67.648	ug/l	89
77) Bromobenzene	11.26	156	127862	51.755	ug/l	98
78) n-propylbenzene	11.36	91	523789	52.680	ug/l	99
79) 2-Chlorotoluene	11.42	91	324138	53.230	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	392603	53.061	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.08	75	42927	46.264	ug/l	99
82) 4-Chlorotoluene	11.51	91	380912	52.769	ug/l	99
83) tert-Butylbenzene	11.77	119	399036	53.256	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	408968	53.710	ug/l	97
85) sec-Butylbenzene	11.95	105	451803	50.953	ug/l	99
86) p-Isopropyltoluene	12.07	119	404409	50.460	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	230534	49.937	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	236074	49.987	ug/l	99
89) n-Butylbenzene	12.39	91	344294	47.314	ug/l	97
90) Hexachloroethane	12.60	117	71659	51.881	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	241462	51.255	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	41926	52.733	ug/l	96

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QLast Update : Fri Oct 12 11:28:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	173516	50.203	ug/l	99
94) Hexachlorobutadiene	13.79	225	76935	42.146	ug/l	98
95) Naphthalene	13.83	128	574804	57.344	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	181877	51.429	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. -0.00 min

Lab File: VX005510.D

Acq: 23 Oct 2018 09:53

Instrument :

MSVOA_X

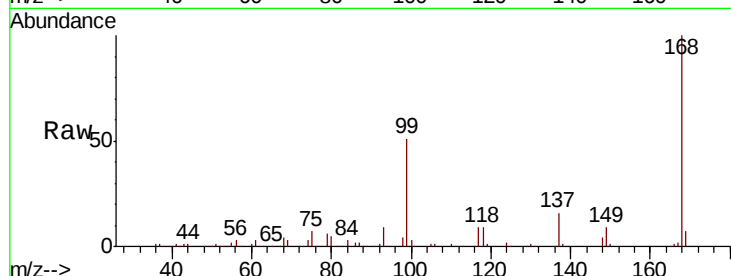
ClientSampleId :

Tot Ion:168 Resp: 178994

Ion Ratio Lower Upper

168 100

99 50.5 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

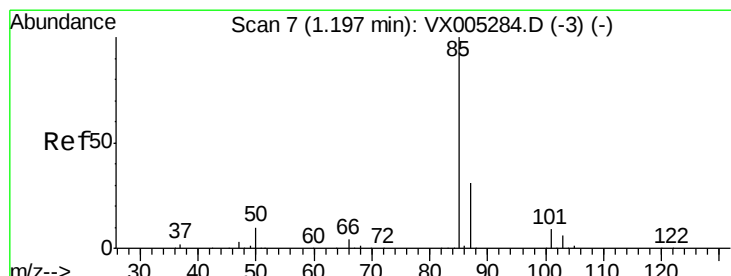
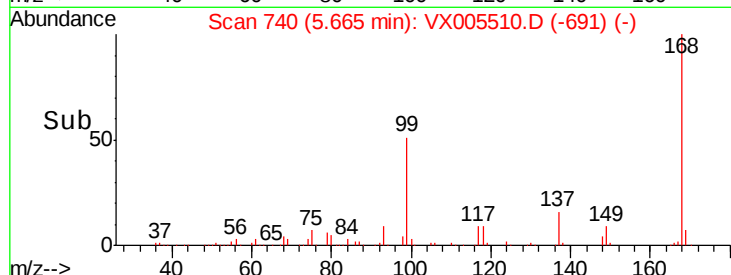
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 46.907 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005510.D

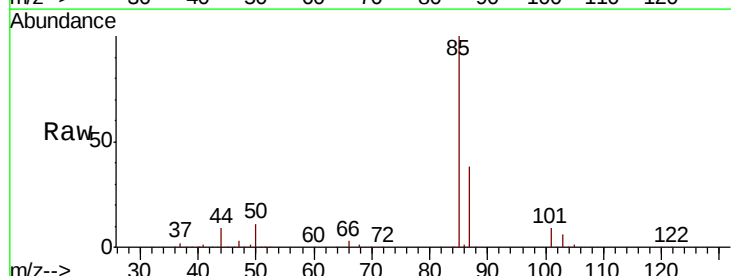
Acq: 23 Oct 2018 09:53

Tgt Ion: 85 Resp: 65647

Ion Ratio Lower Upper

85 100

87 37.9 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

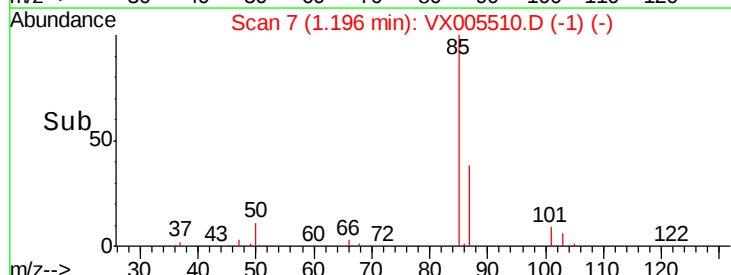
60000

40000

20000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 50.128 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005510.D

Acq: 23 Oct 2018 09:53

Instrument :

MSVOA_X

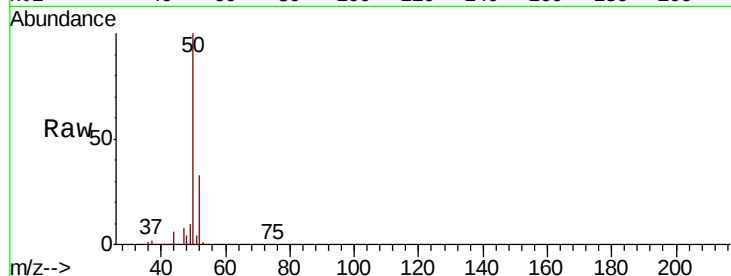
ClientSampled :

Tot Ion: 50 Resp: 101654

Ion Ratio Lower Upper

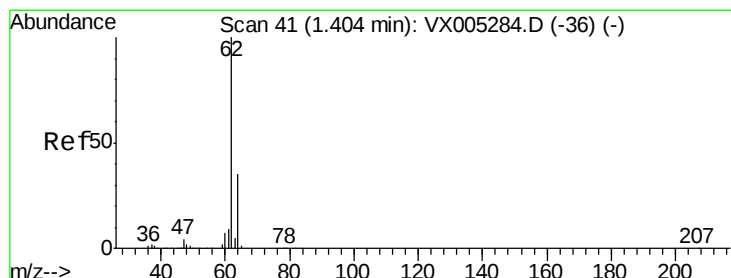
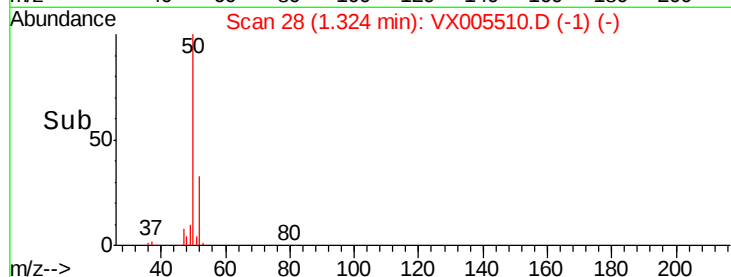
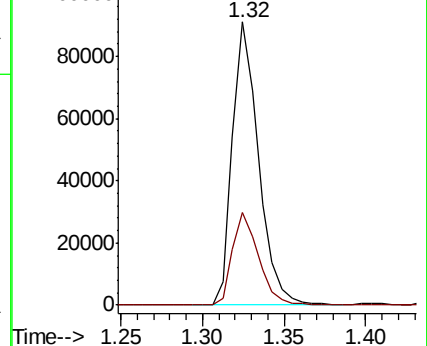
50 100

52 32.8 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 49.942 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX005510.D

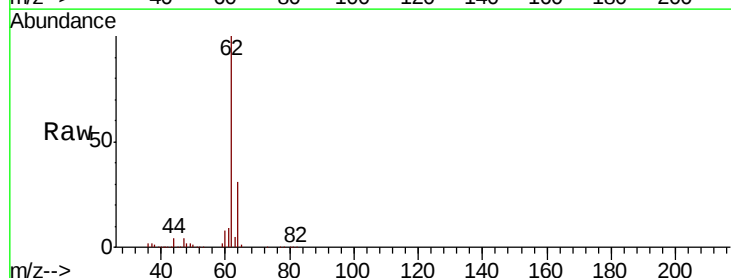
Acq: 23 Oct 2018 09:53

Tgt Ion: 62 Resp: 102594

Ion Ratio Lower Upper

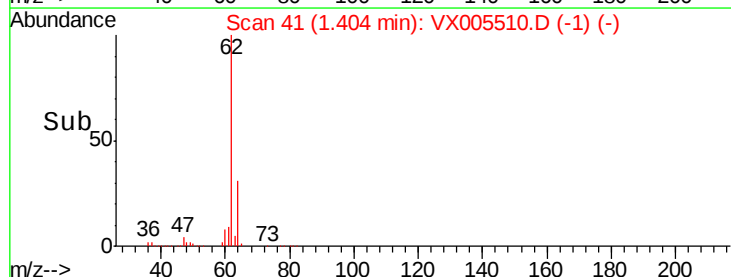
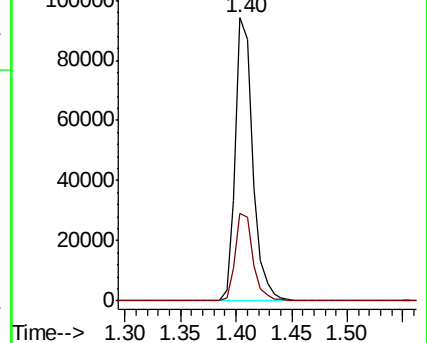
62 100

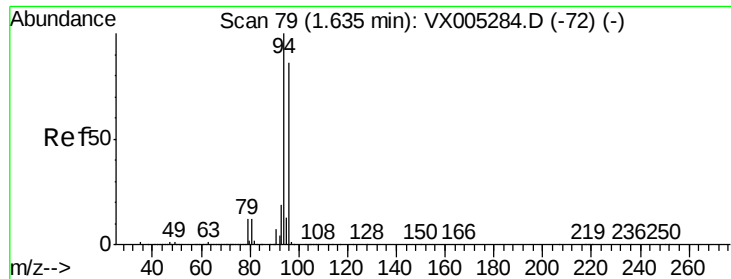
64 31.0 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 55.402 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

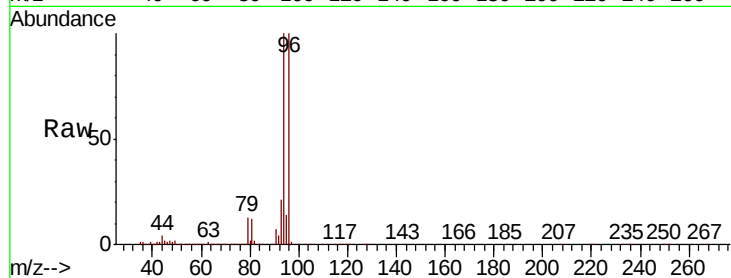
Lab File: VX005510.D

Acq: 23 Oct 2018 09:53

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 64351

Ion	Ratio	Lower	Upper
94	100		
96	99.7	74.5	111.7

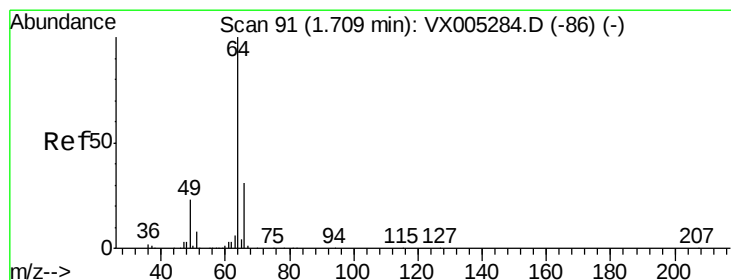
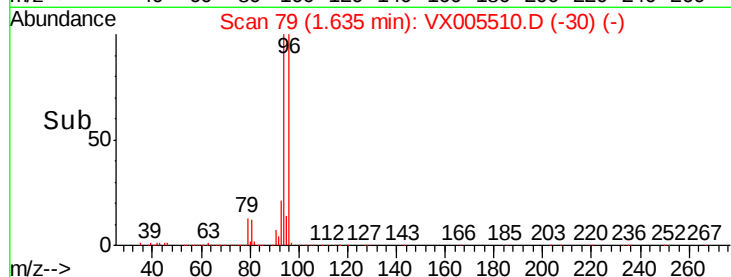


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

Time-->



#6

Chloroethane

Concen: 55.379 ug/l

RT: 1.71 min Scan# 91

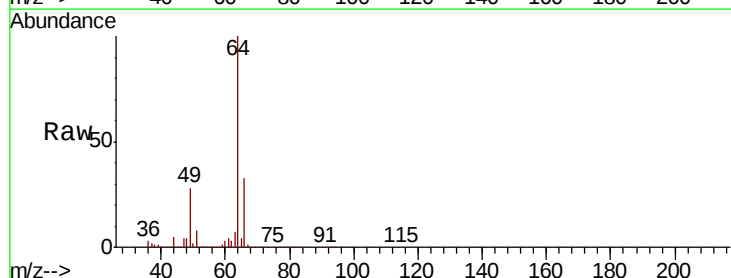
Delta R.T. 0.00 min

Lab File: VX005510.D

Acq: 23 Oct 2018 09:53

Tgt Ion: 64 Resp: 66503

Ion	Ratio	Lower	Upper
64	100		
66	32.9	24.6	36.8

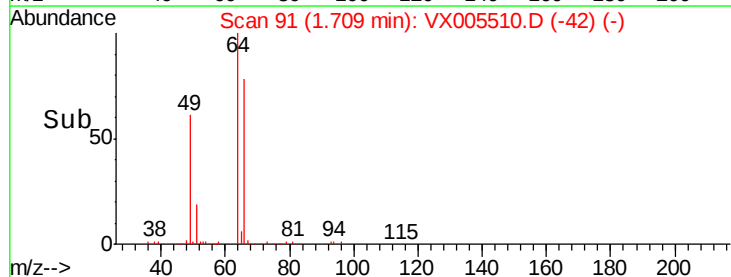


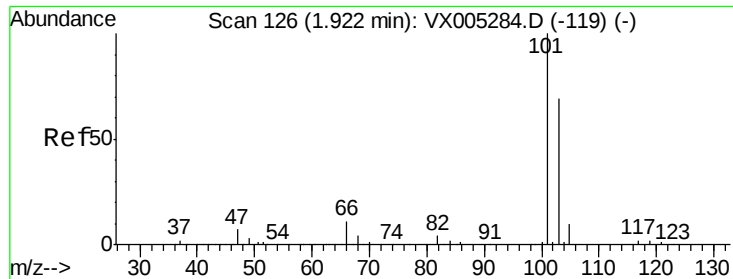
Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

Time-->



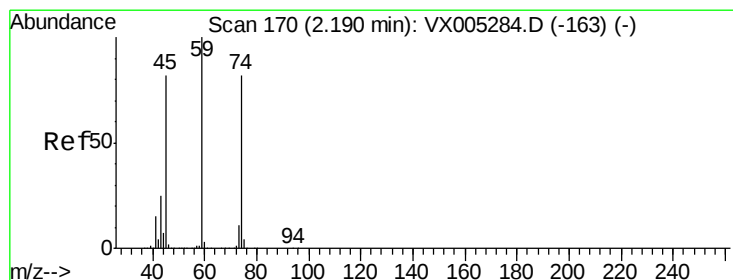
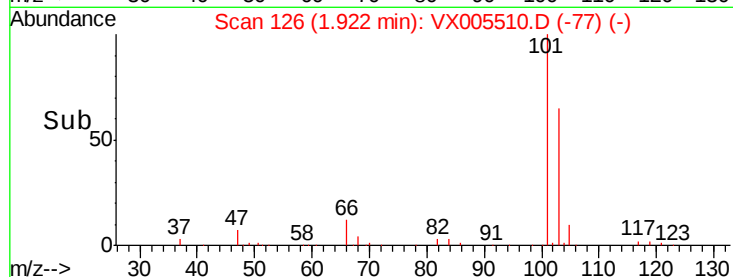
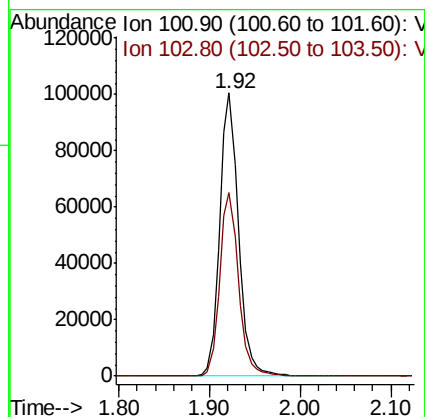
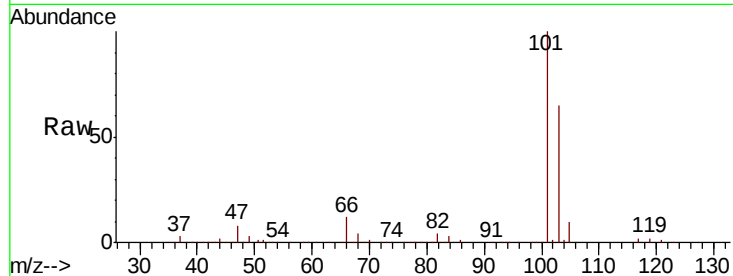


#7

Trichlorofluoromethane
 Concen: 53.093 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: VX005510.D
 Acq: 23 Oct 2018 09:53

Instrument :
 MSVOA_X
 ClientSampleId :

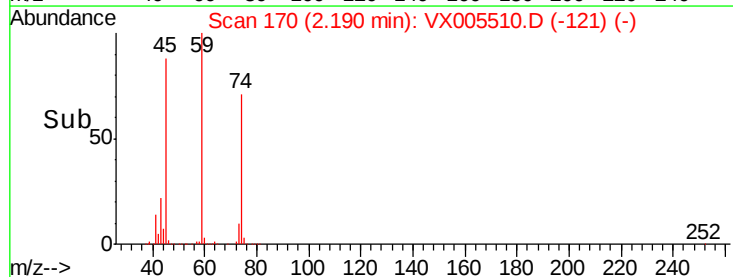
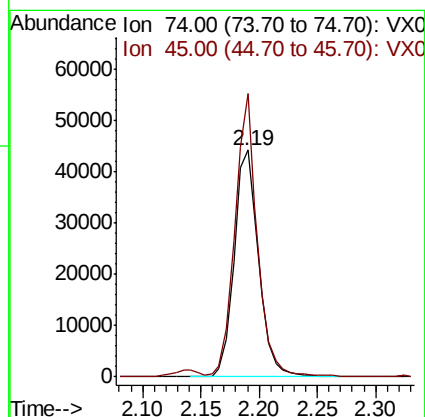
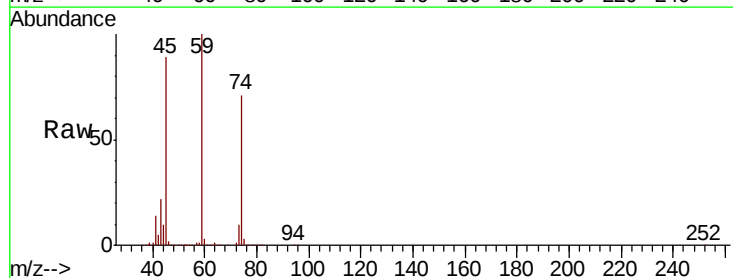
Tot Ion:101 Resp: 145548
 Ion Ratio Lower Upper
 101 100
 103 64.9 48.9 73.3

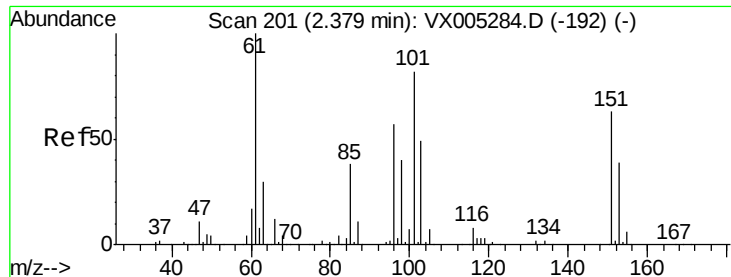


#8

Diethyl Ether
 Concen: 55.112 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX005510.D
 Acq: 23 Oct 2018 09:53

Tgt Ion: 74 Resp: 64517
 Ion Ratio Lower Upper
 74 100
 45 113.4 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.089 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX005510.D

Acq: 23 Oct 2018 09:53

Instrument :

MSVOA_X

ClientSampled :

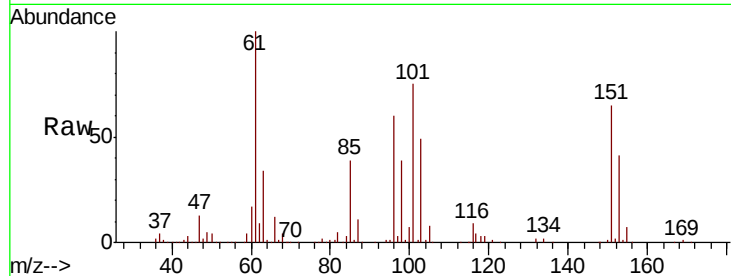
Tot Ion:101 Resp: 74507

Ion Ratio Lower Upper

101 100

85 47.0 34.2 51.4

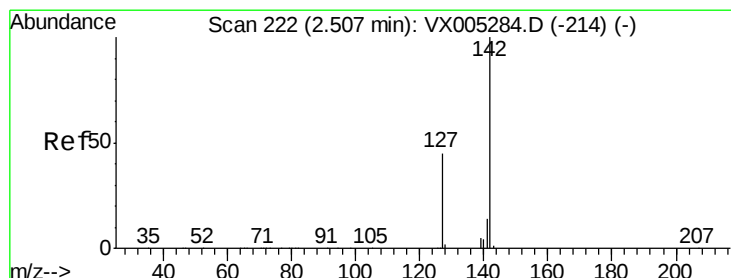
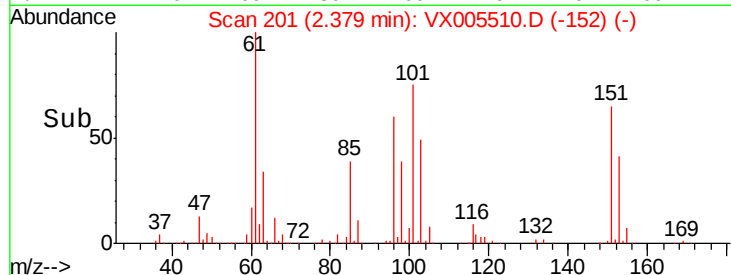
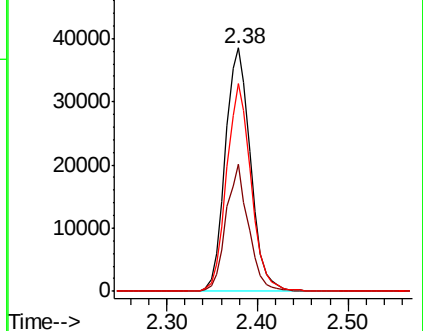
151 82.7 65.0 97.6



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: 53.300 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX005510.D

Acq: 23 Oct 2018 09:53

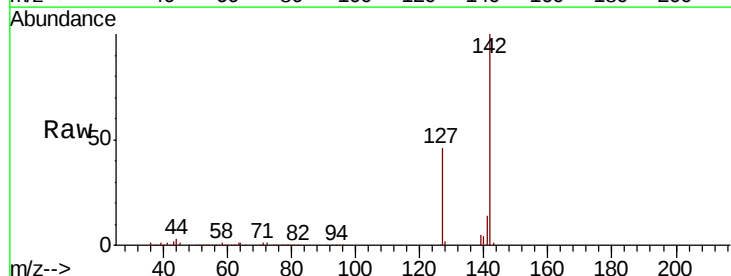
Tgt Ion:142 Resp: 92771

Ion Ratio Lower Upper

142 100

127 45.3 33.8 50.6

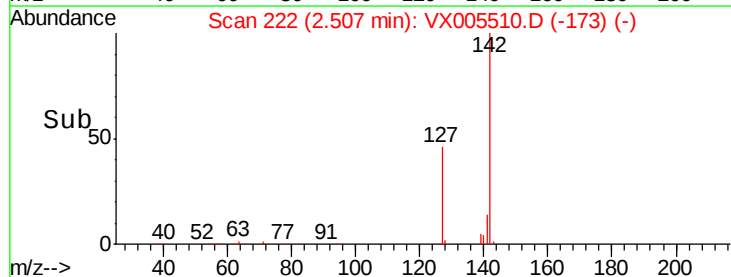
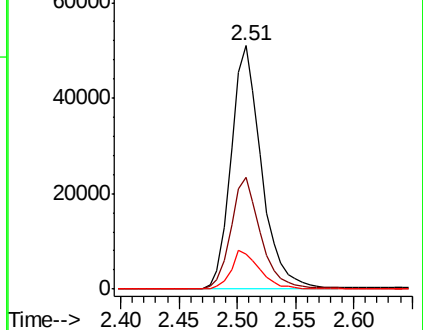
141 15.1 11.4 17.0

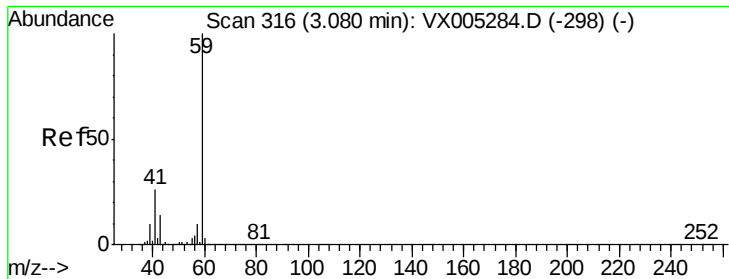


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



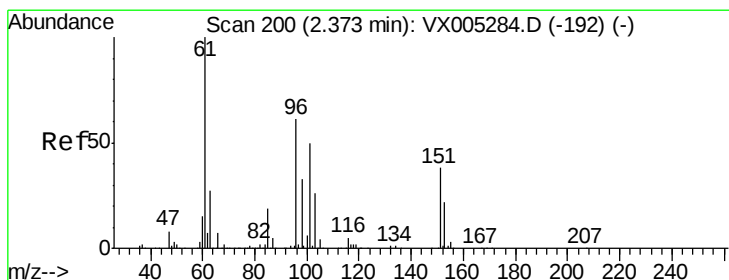
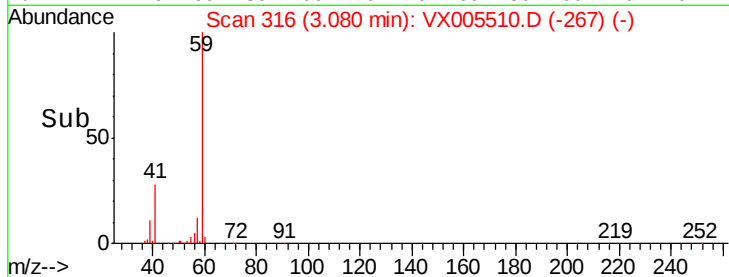
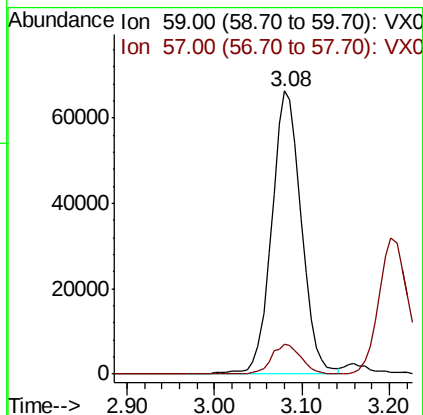
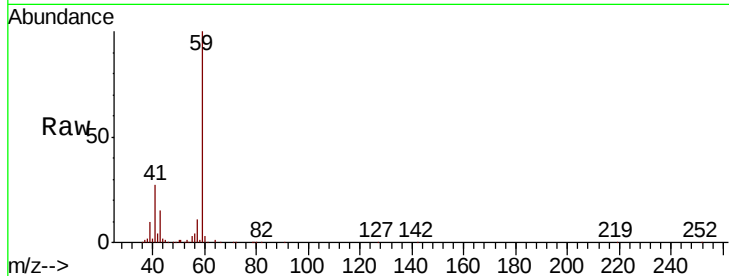


#11

Tert butyl alcohol
 Concen: 279.620 ug/l
 RT: 3.08 min Scan# 316
 Delta R.T. -0.00 min
 Lab File: VX005510.D
 Acq: 23 Oct 2018 09:53

Instrument :
 MSVOA_X
 ClientSampleId :

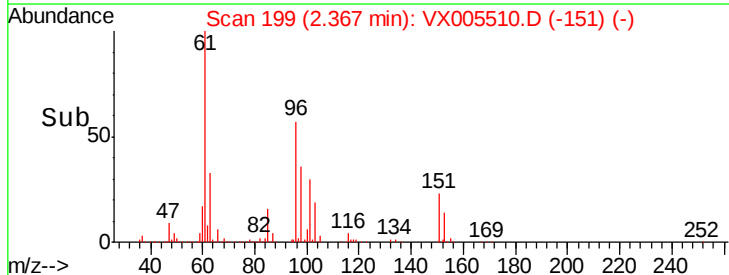
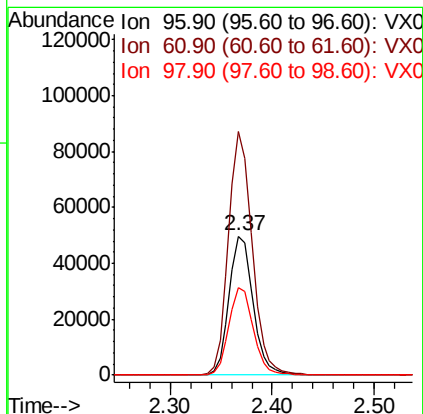
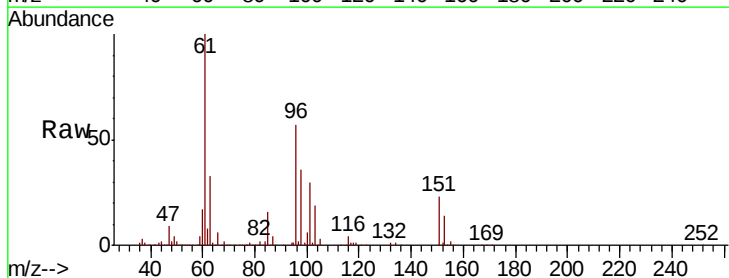
Tot Ion: 59 Resp: 156693
 Ion Ratio Lower Upper
 59 100
 57 10.7 8.2 12.4

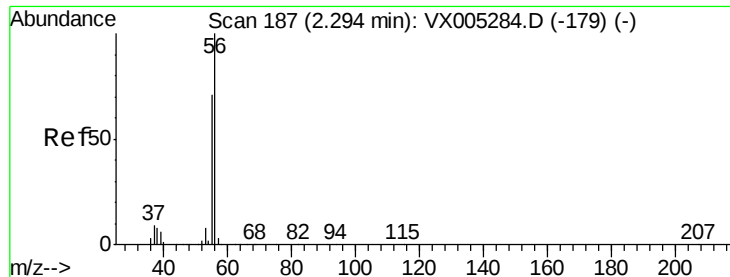


#12

1,1-Dichloroethene
 Concen: 51.717 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. -0.01 min
 Lab File: VX005510.D
 Acq: 23 Oct 2018 09:53

Tgt Ion: 96 Resp: 81077
 Ion Ratio Lower Upper
 96 100
 61 175.4 128.8 193.2
 98 63.0 52.2 78.2





#13

Acrolein

Concen: 234.377 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005510.D

Acq: 23 Oct 2018 09:53

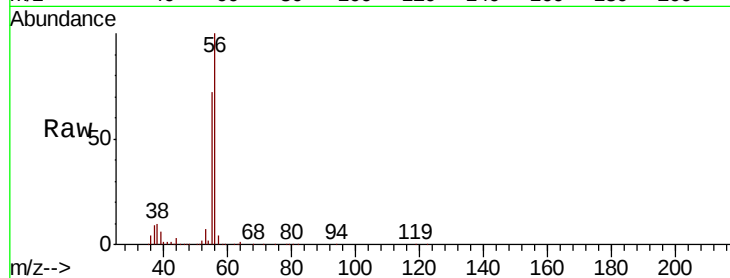
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 83859

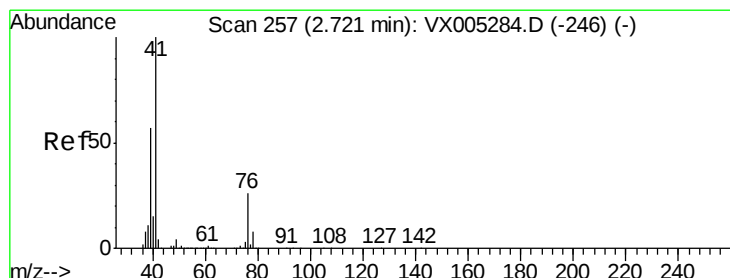
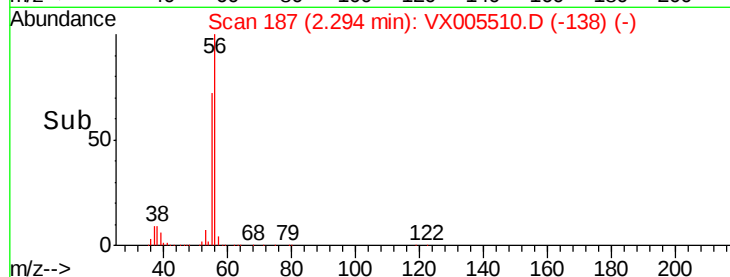
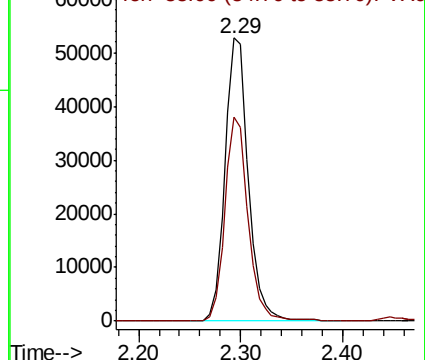
Ion Ratio Lower Upper

56 100

55 70.7 54.7 82.1



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 53.729 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX005510.D

Acq: 23 Oct 2018 09:53

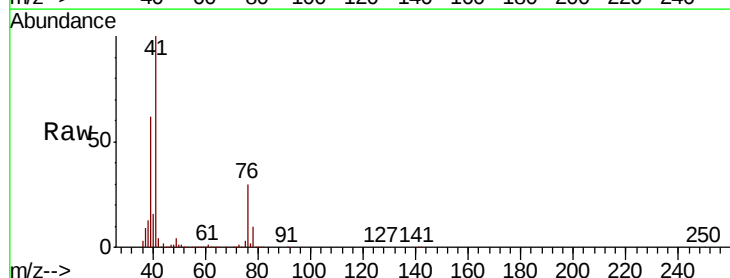
Tgt Ion: 41 Resp: 184928

Ion Ratio Lower Upper

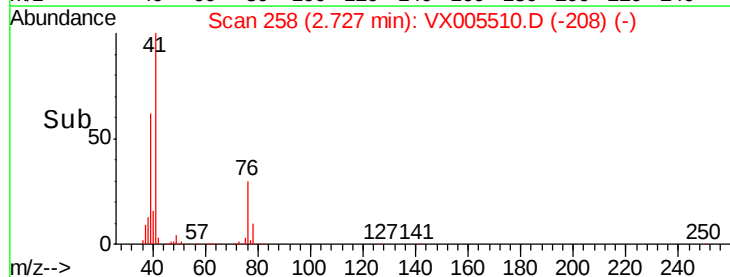
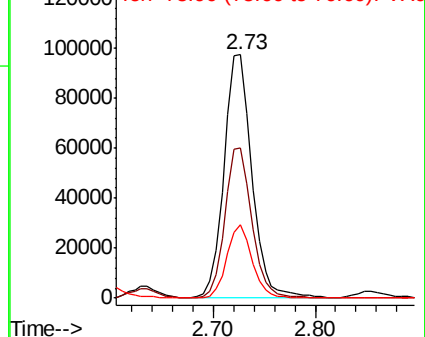
41 100

39 59.1 48.9 73.3

76 27.6 26.7 40.1



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 75.90 (75.60 to 76.60): VX0

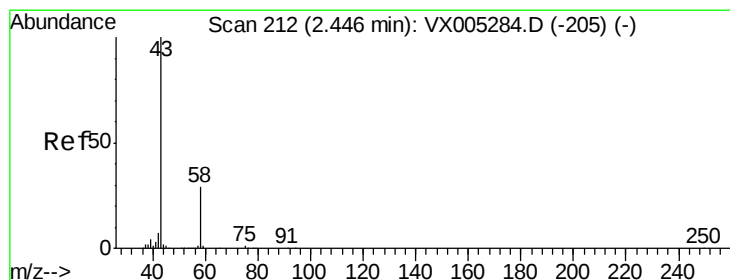
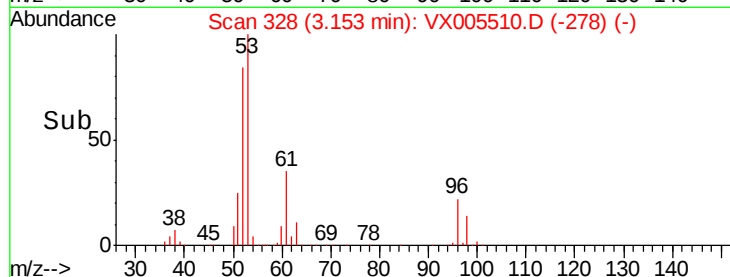
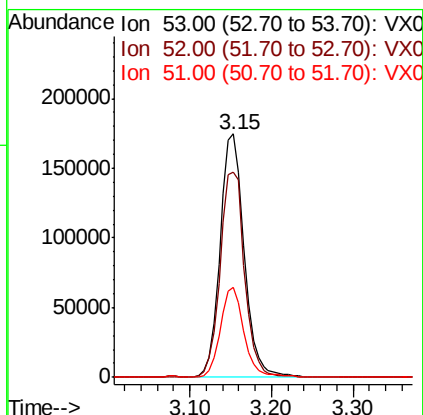
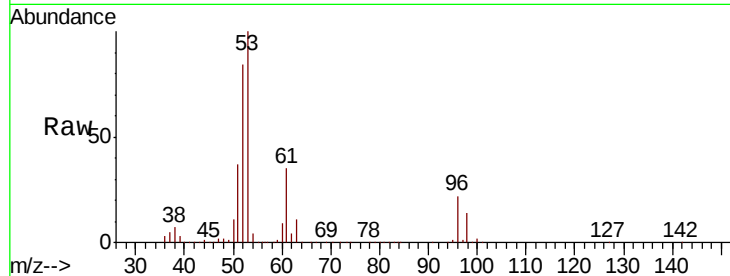




#15
 Acrylonitrile
 Concen: 280.483 ug/l
 RT: 3.15 min Scan# 328
 Delta R.T. 0.01 min
 Lab File: VX005510.D
 Acq: 23 Oct 2018 09:53

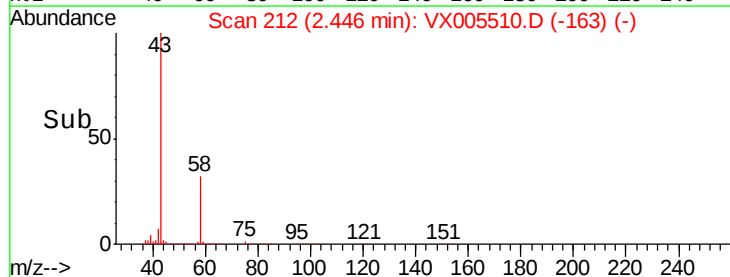
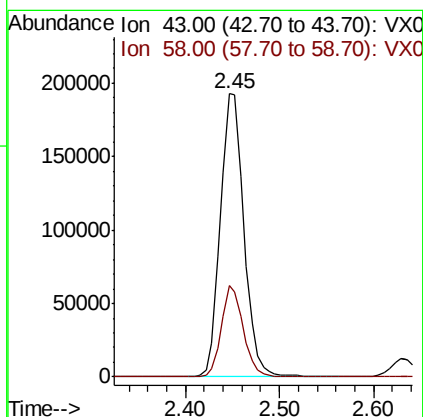
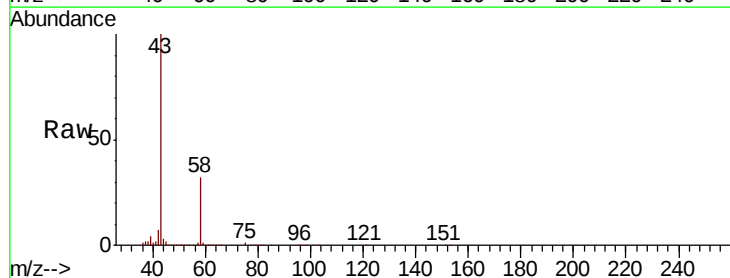
Instrument :
 MSVOA_X
 ClientSampleId :

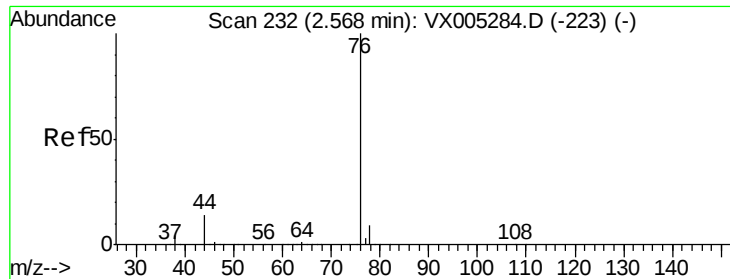
Tot Ion: 53 Resp: 356174
 Ion Ratio Lower Upper
 53 100
 52 85.9 65.2 97.8
 51 36.5 28.2 42.2



#16
 Acetone
 Concen: 291.190 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX005510.D
 Acq: 23 Oct 2018 09:53

Tgt Ion: 43 Resp: 334462
 Ion Ratio Lower Upper
 43 100
 58 32.2 26.2 39.4

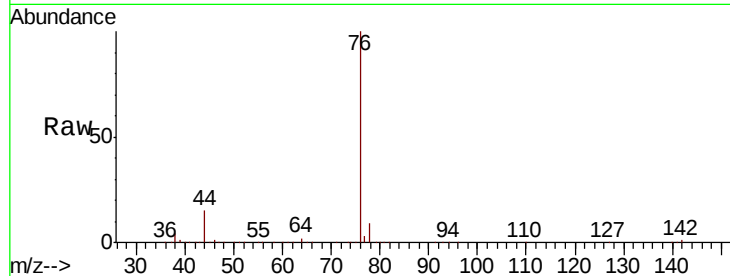




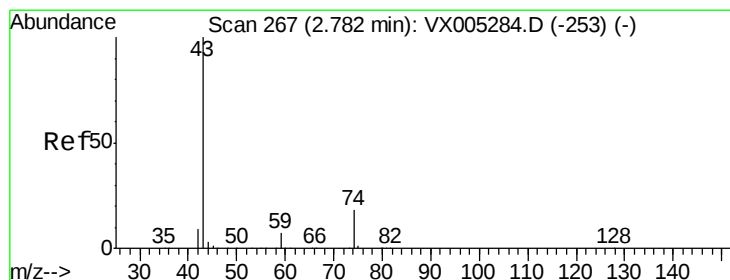
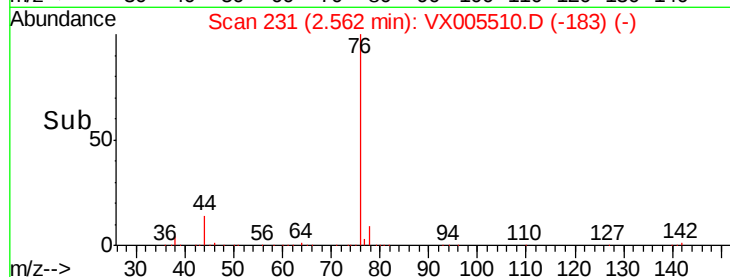
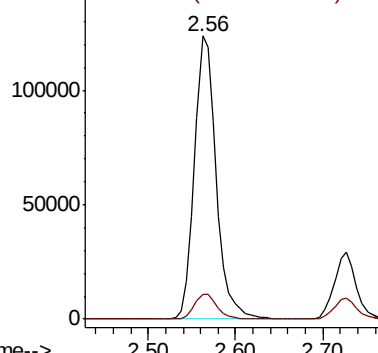
#17
Carbon Disulfide
Concen: 44.779 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX005510.D
Acq: 23 Oct 2018 09:53

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 76 Resp: 212658
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.6

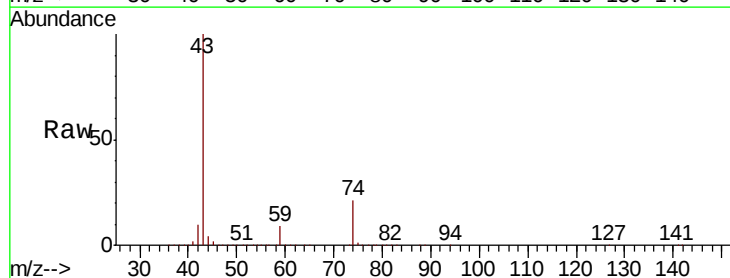


Abundance Ion 75.90 (75.60 to 76.60): VX0
Ion 77.90 (77.60 to 78.60): VX0

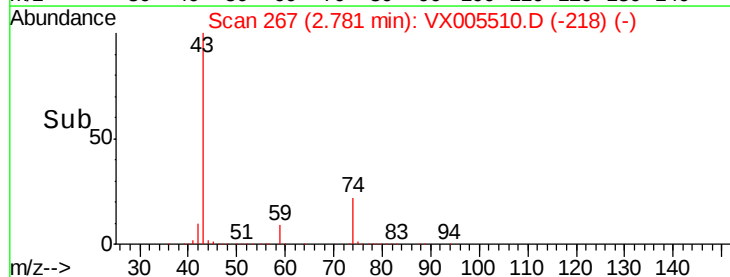
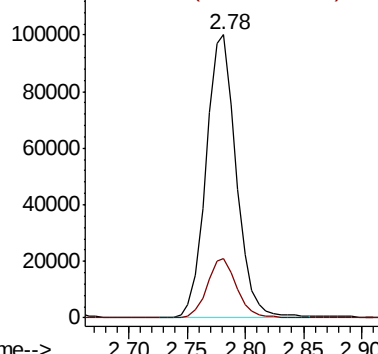


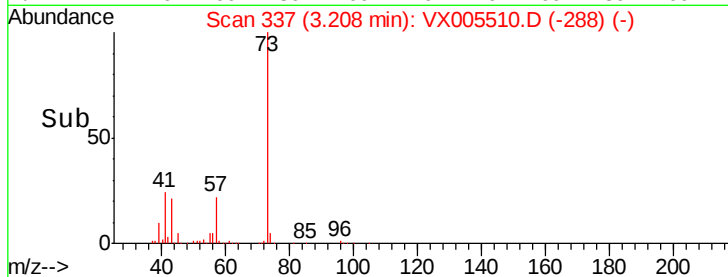
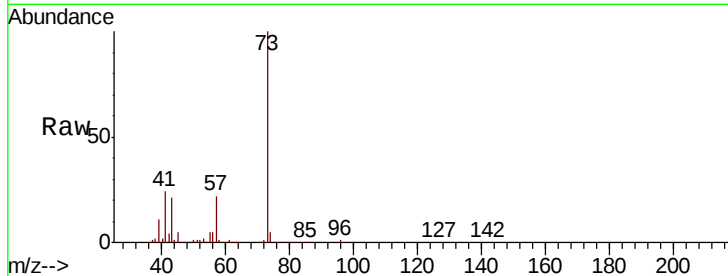
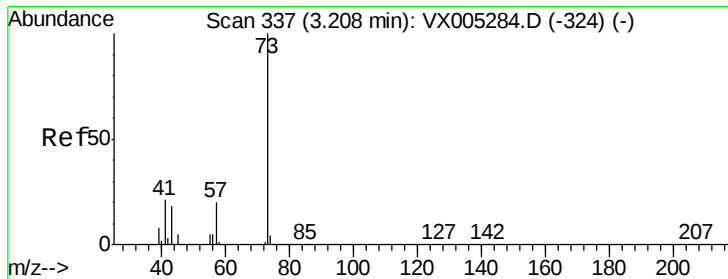
#18
Methyl Acetate
Concen: 54.956 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX005510.D
Acq: 23 Oct 2018 09:53

Tgt Ion: 43 Resp: 179584
Ion Ratio Lower Upper
43 100
74 20.9 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 74.00 (73.70 to 74.70): VX0



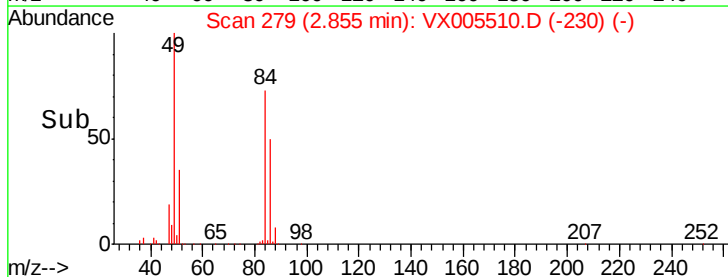
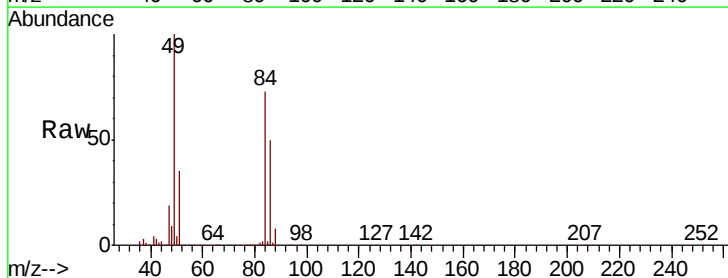
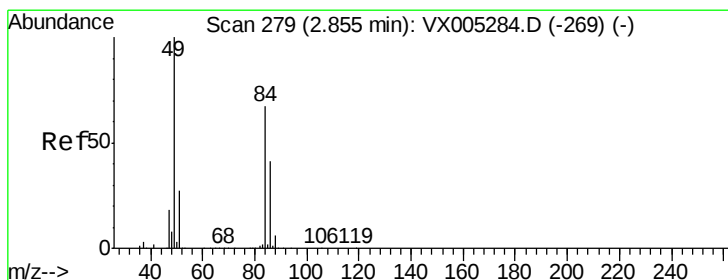
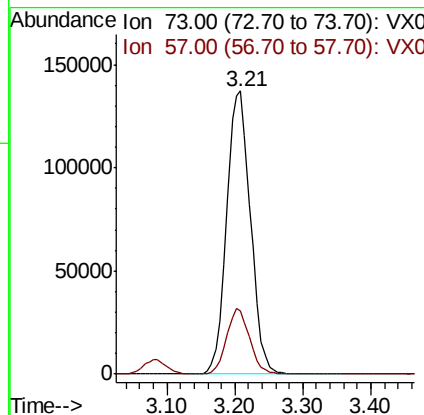


#19

Methyl tert-butyl Ether
Concen: 60.084 ug/l
RT: 3.21 min Scan# 337
Delta R.T. -0.00 min
Lab File: VX005510.D
Acq: 23 Oct 2018 09:53

Instrument :
MSVOA_X
ClientSampleId :

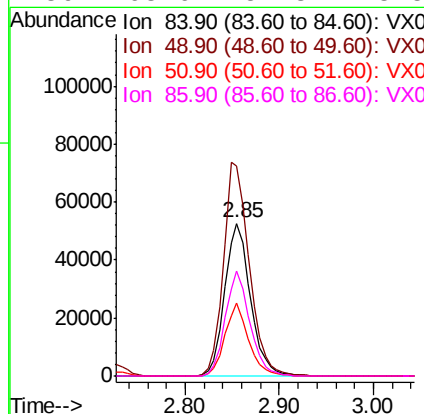
Tot Ion: 73 Resp: 331742
Ion Ratio Lower Upper
73 100
57 22.4 17.1 25.7



#20

Methylene Chloride
Concen: 59.763 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX005510.D
Acq: 23 Oct 2018 09:53

Tgt Ion: 84 Resp: 99592
Ion Ratio Lower Upper
84 100
49 137.6 101.2 151.8
51 48.0 29.5 44.3#
86 68.6 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 51.278 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX005510.D

Acq: 23 Oct 2018 09:53

Instrument :
MSVOA_X
ClientSampleId :

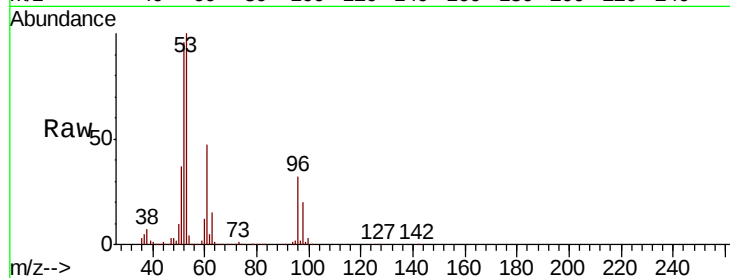
Tot Ion: 96 Resp: 89088

Ion Ratio Lower Upper

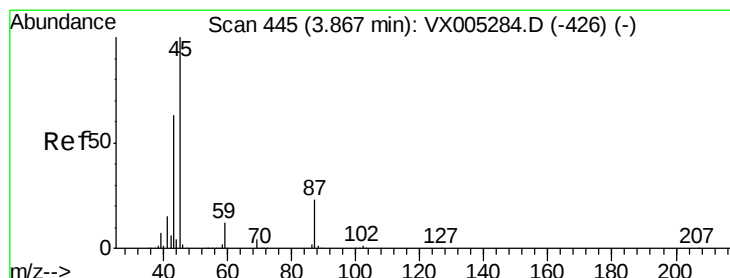
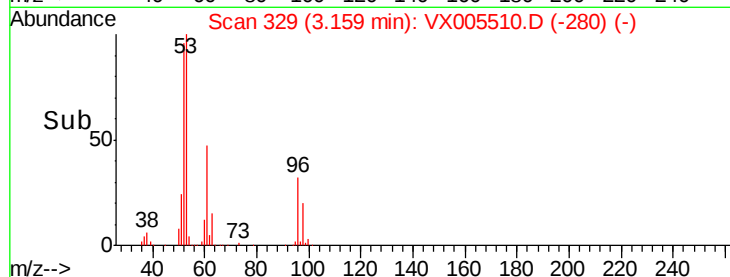
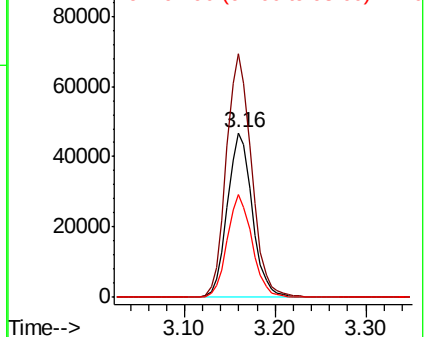
96 100

61 148.1 113.8 170.6

98 62.9 51.8 77.8



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: 61.866 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX005510.D

Acq: 23 Oct 2018 09:53

Tgt Ion: 45 Resp: 357653

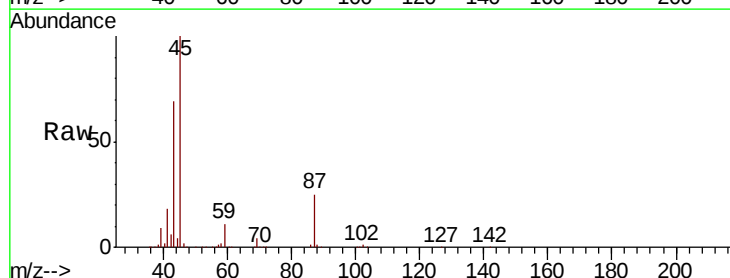
Ion Ratio Lower Upper

45 100

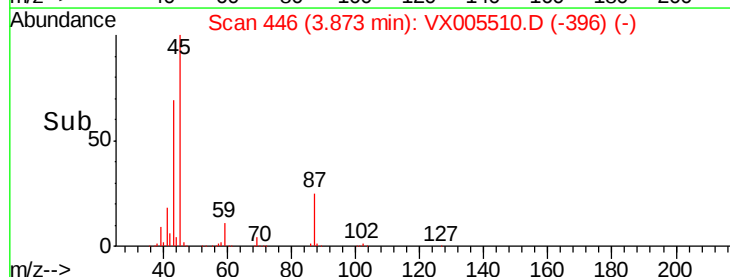
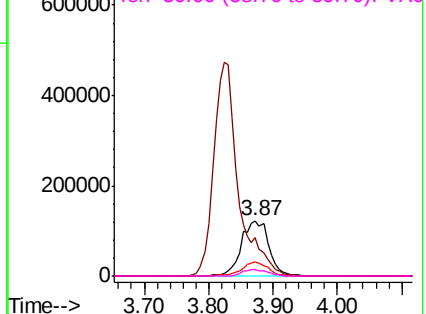
43 68.8 42.8 64.2#

87 24.8 22.6 34.0

59 10.9 9.6 14.4



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 252.006 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX005510.D

Acq: 23 Oct 2018 09:53

Instrument :

MSVOA_X

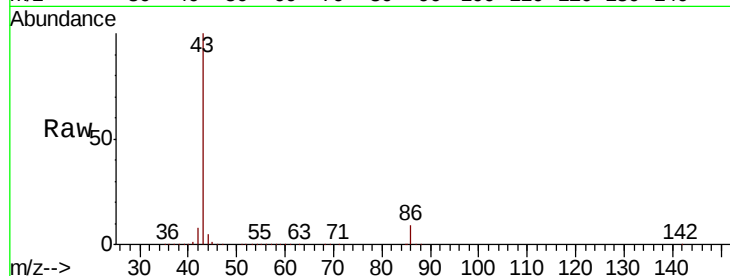
ClientSampled :

Tot Ion: 43 Resp: 1273357

Ion Ratio Lower Upper

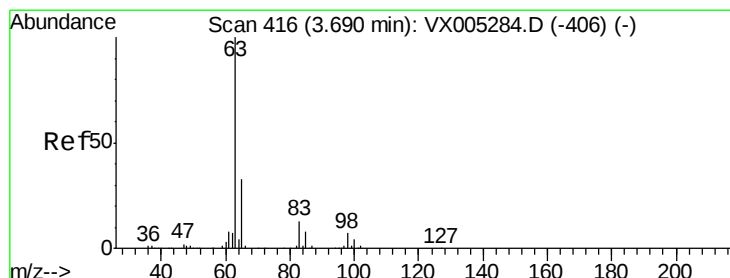
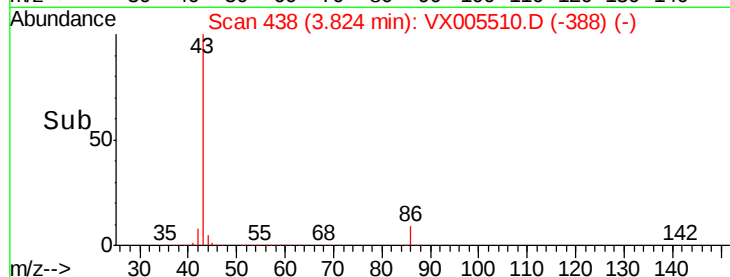
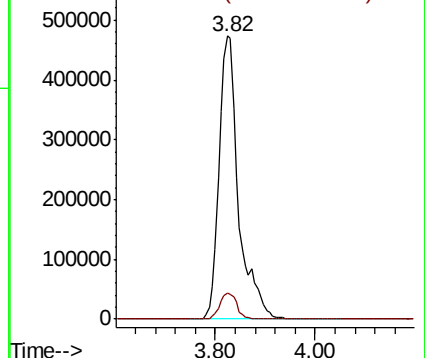
43 100

86 9.3 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VX005510.D (-388) (-)

Ion 86.00 (85.70 to 86.70): VX005510.D (-388) (-)



#24

1,1-Dichloroethane

Concen: 57.937 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX005510.D

Acq: 23 Oct 2018 09:53

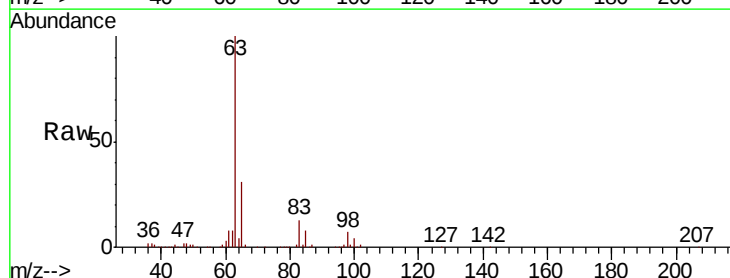
Tgt Ion: 63 Resp: 191960

Ion Ratio Lower Upper

63 100

98 6.6 3.5 10.4

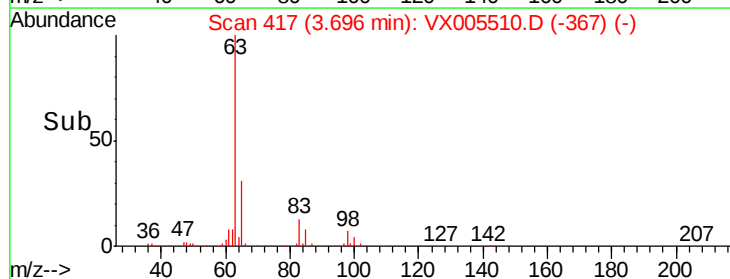
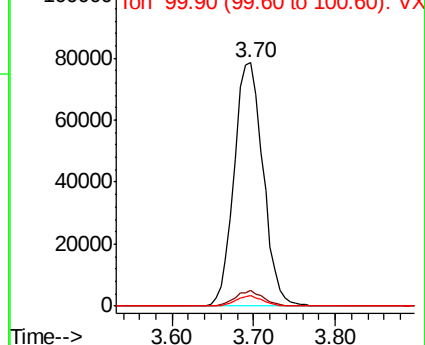
100 4.5 2.4 7.1

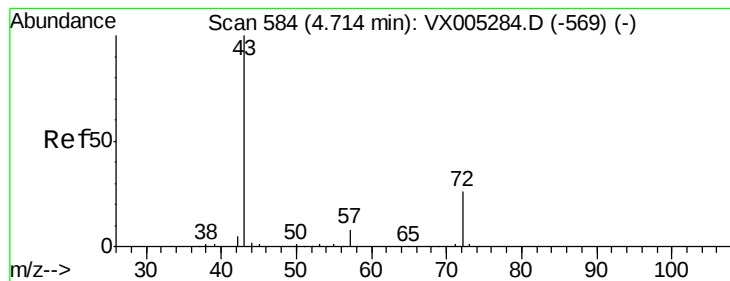


Abundance Ion 62.90 (62.60 to 63.60): VX005510.D (-367) (-)

Ion 97.90 (97.60 to 98.60): VX005510.D (-367) (-)

Ion 99.90 (99.60 to 100.60): VX005510.D (-367) (-)





#25

2-Butanone

Concen: 291.038 ug/l

RT: 4.71 min Scan# 583

Delta R.T. -0.01 min

Lab File: VX005510.D

Acq: 23 Oct 2018 09:53

Instrument :

MSVOA_X

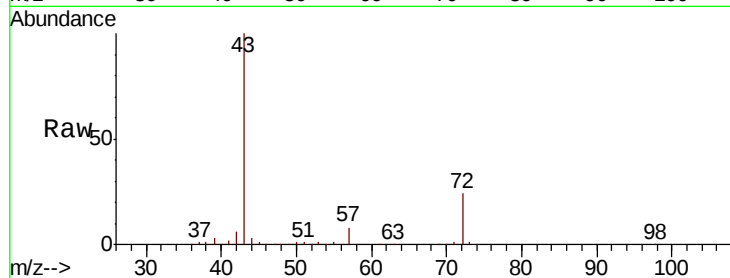
ClientSampleId :

Tot Ion: 43 Resp: 489102

Ion Ratio Lower Upper

43 100

72 24.1 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.71

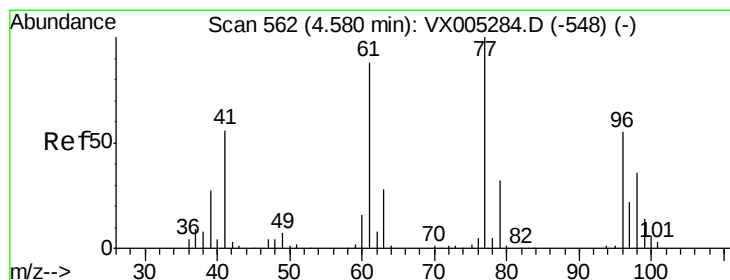
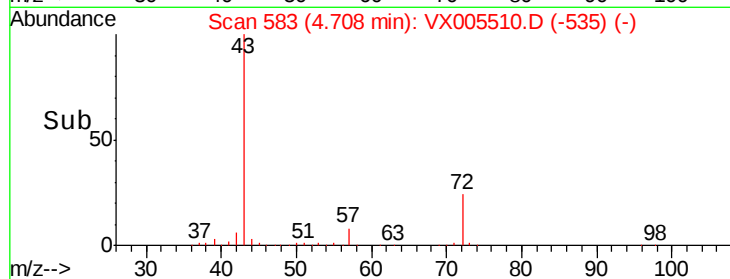
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 34.657 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX005510.D

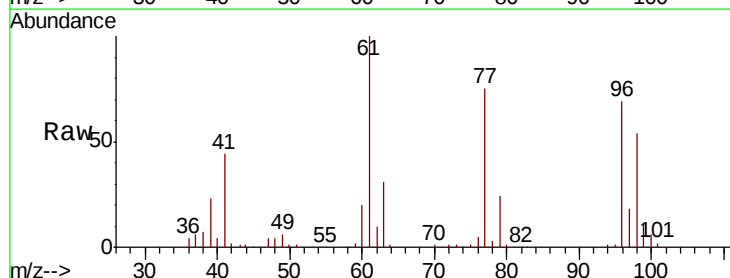
Acq: 23 Oct 2018 09:53

Tgt Ion: 77 Resp: 85876

Ion Ratio Lower Upper

77 100

97 24.5 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.58

30000

25000

20000

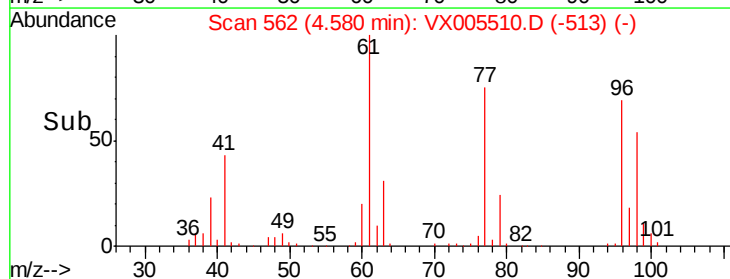
15000

10000

5000

0

Time-->



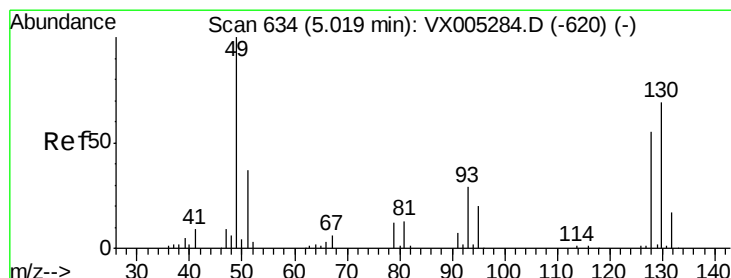
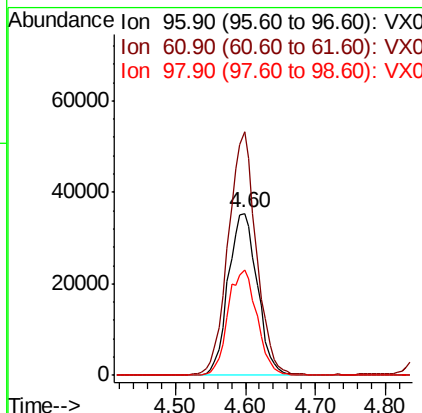
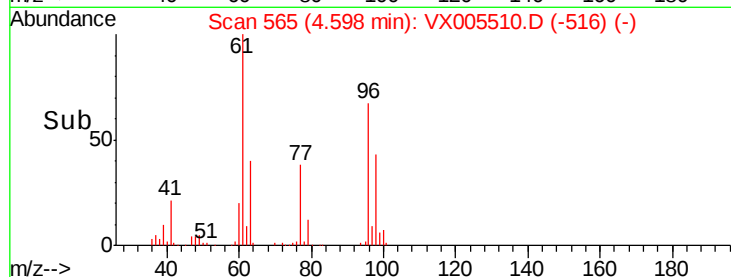
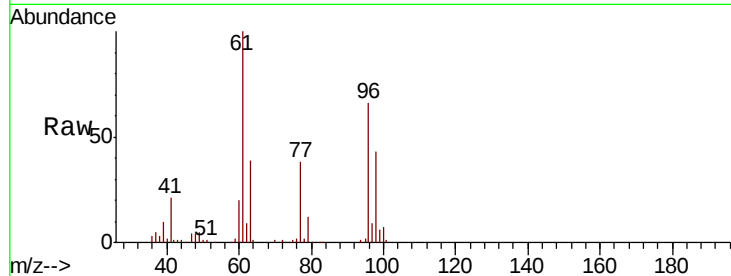


#27

cis-1,2-Dichloroethene
 Concen: 54.189 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX005510.D
 Acq: 23 Oct 2018 09:53

Instrument :
 MSVOA_X
 ClientSampleId :

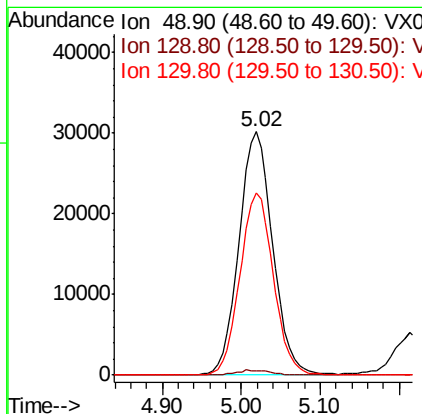
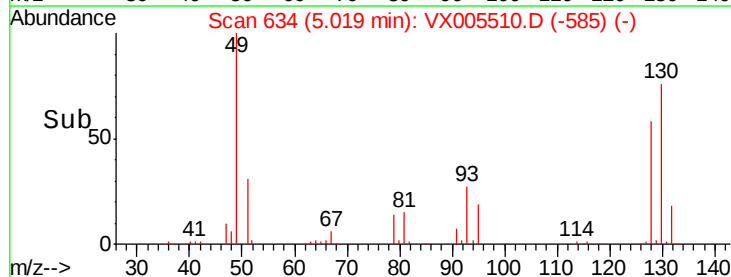
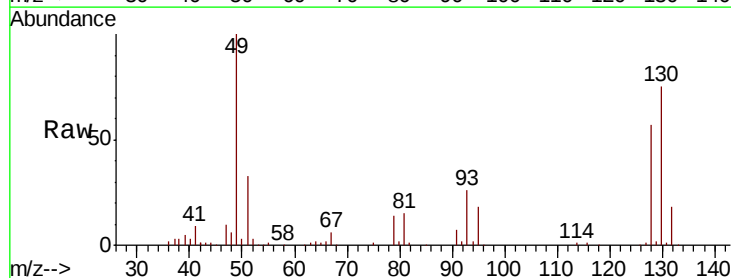
Tot Ion	Ratio	Lower	Upper
96	100		
61	145.3	0.0	282.6
98	64.8	0.0	130.2

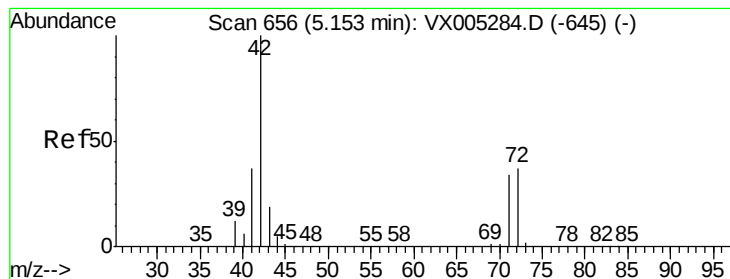


#28

Bromochloromethane
 Concen: 59.536 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX005510.D
 Acq: 23 Oct 2018 09:53

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	74.1	67.5	101.3





#29

Tetrahydrofuran

Concen: 290.432 ug/l

RT: 5.16 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX005510.D

Acq: 23 Oct 2018 09:53

Instrument :

MSVOA_X

ClientSampleId :

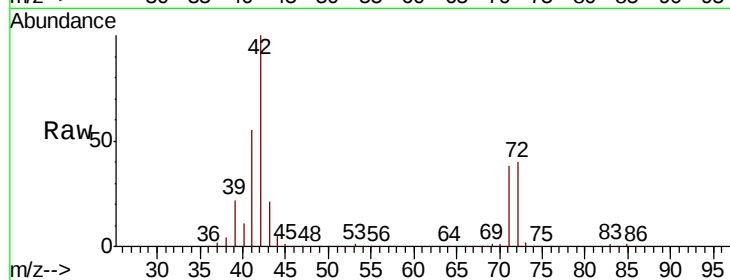
Tot Ion: 42 Resp: 311335

Ion Ratio Lower Upper

42 100

72 40.2 37.4 56.0

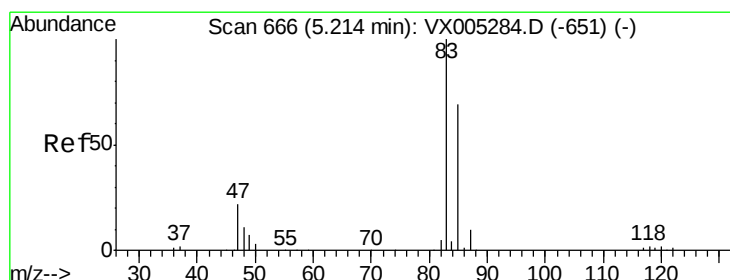
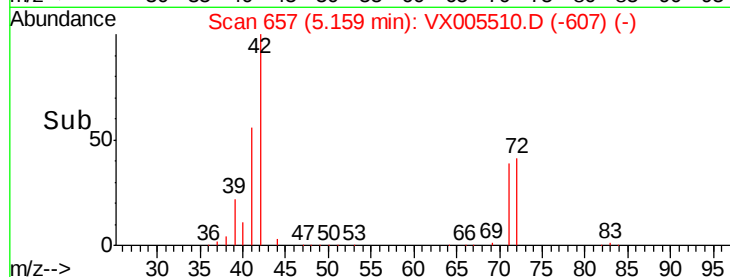
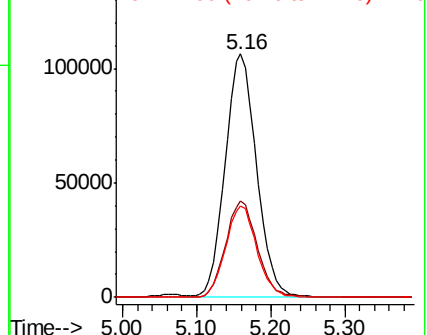
71 37.7 34.5 51.7



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 57.170 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX005510.D

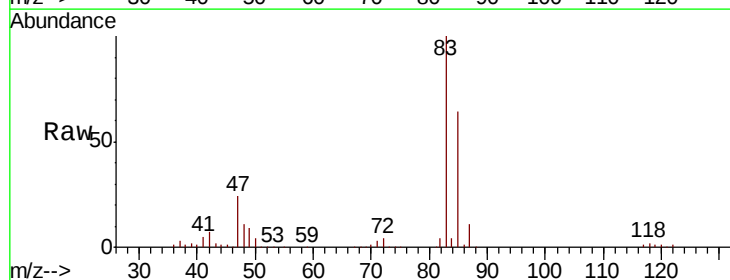
Acq: 23 Oct 2018 09:53

Tgt Ion: 83 Resp: 175815

Ion Ratio Lower Upper

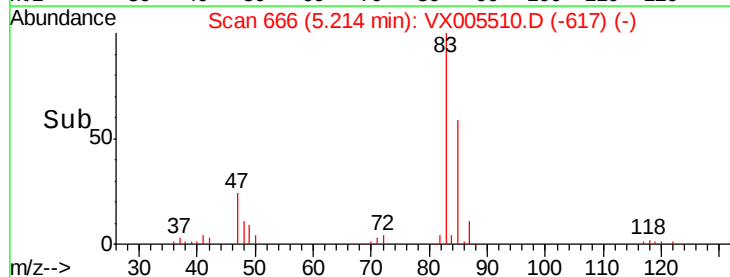
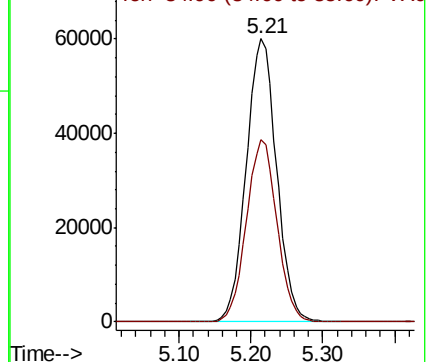
83 100

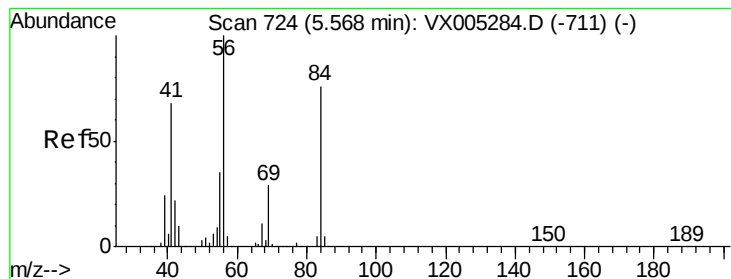
85 64.4 52.6 79.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 45.950 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.01 min

Lab File: VX005510.D

Acq: 23 Oct 2018 09:53

Instrument :
MSVOA_X
ClientSampled :

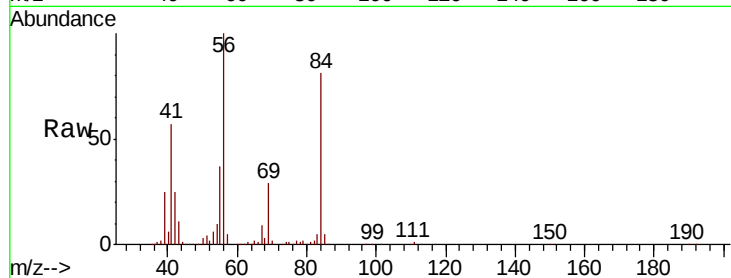
Tot Ion: 56 Resp: 125479

Ion Ratio Lower Upper

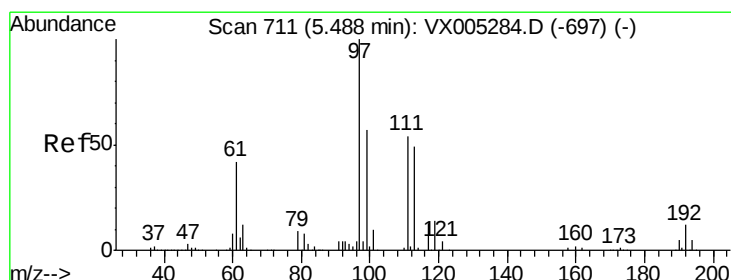
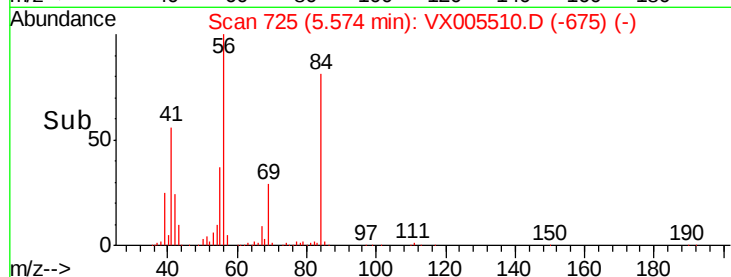
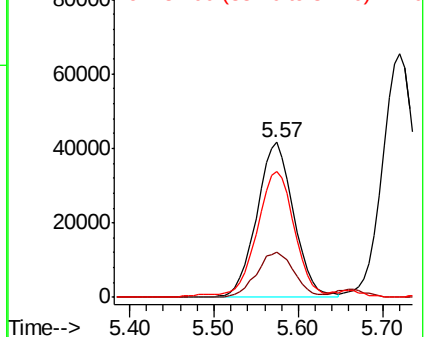
56 100

69 29.0 25.4 38.2

84 80.3 71.4 107.2



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: 56.373 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.01 min

Lab File: VX005510.D

Acq: 23 Oct 2018 09:53

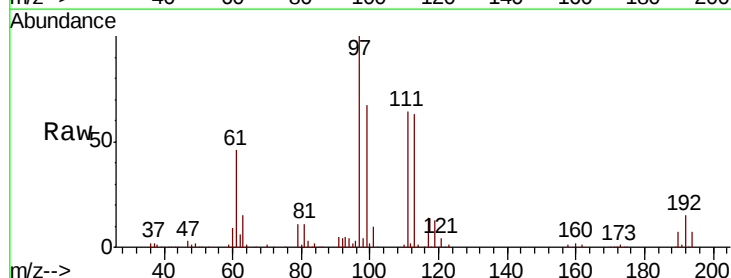
Tgt Ion: 97 Resp: 150848

Ion Ratio Lower Upper

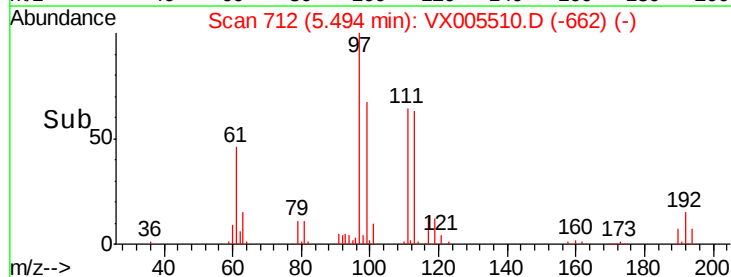
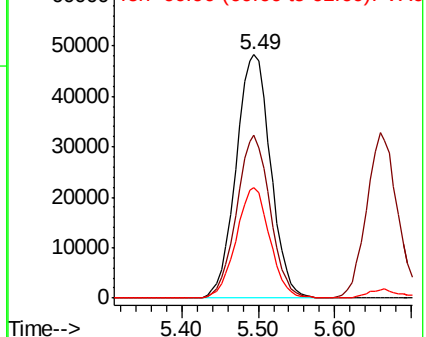
97 100

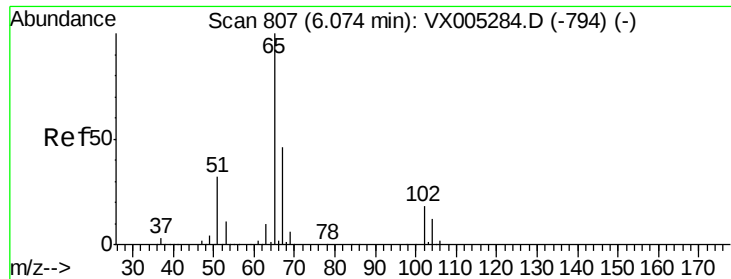
99 65.1 52.0 78.0

61 44.3 34.9 52.3



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

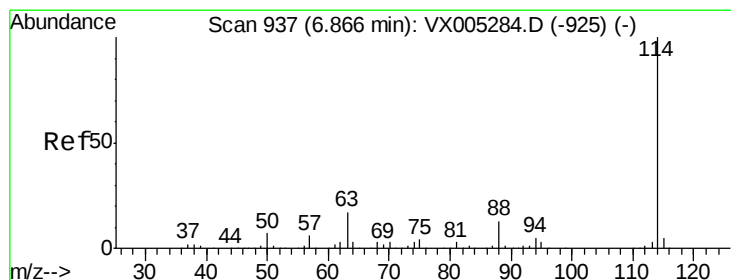
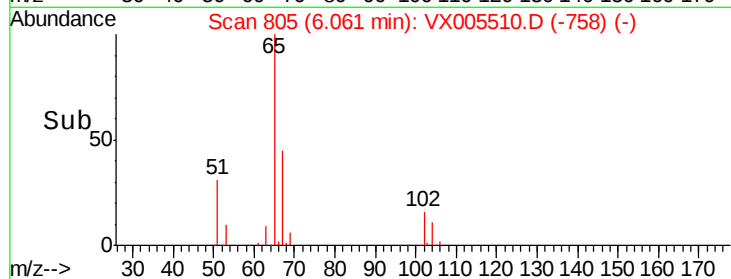
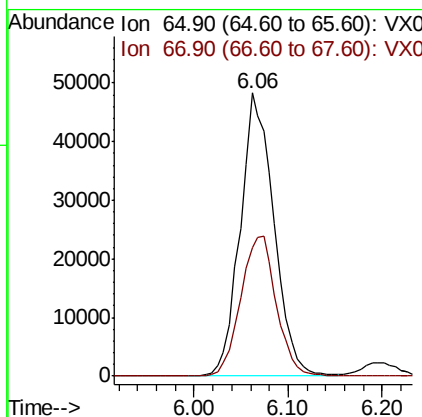
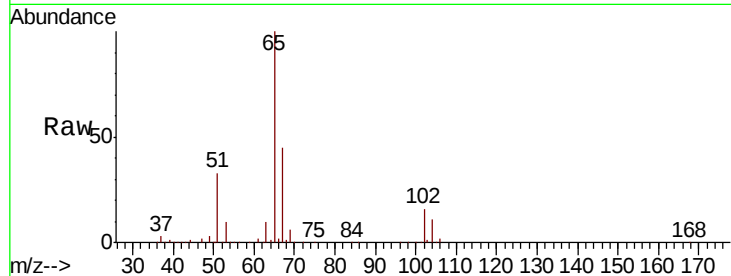




#33
 1,2-Dichloroethane-d4
 Concen: 60.744 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX005510.D
 Acq: 23 Oct 2018 09:53

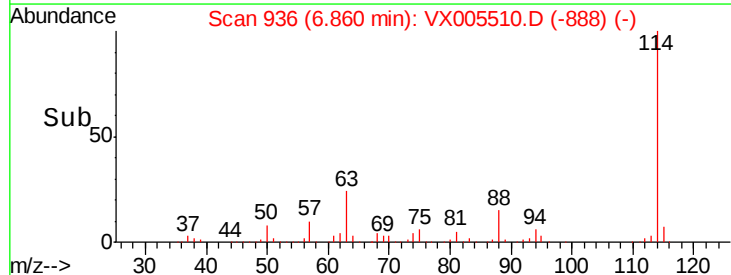
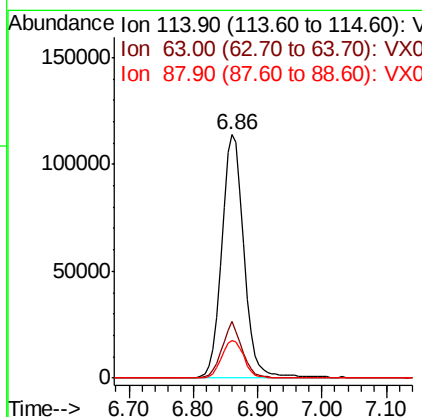
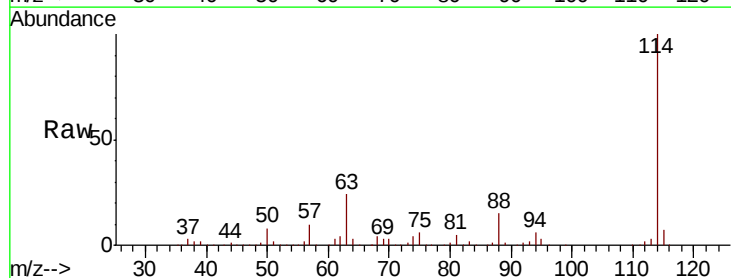
Instrument :
 MSVOA_X
 ClientSampled :

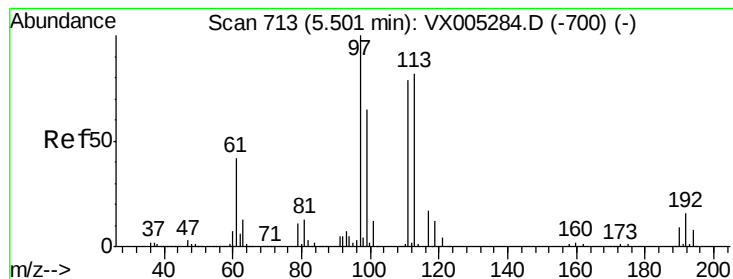
Tot Ion: 65 Resp: 120672
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: VX005510.D
 Acq: 23 Oct 2018 09:53

Tgt Ion: 114 Resp: 278430
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 39.0
 88 15.5 0.0 30.4





#35

Dibromofluoromethane

Concen: 50.841 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX005510.D

Acq: 23 Oct 2018 09:53

Instrument :

MSVOA_X

ClientSampleId :

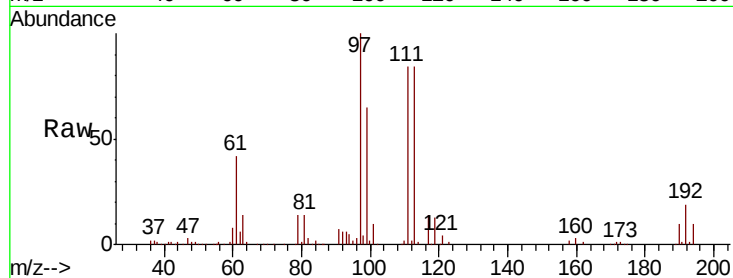
Tot Ion:113 Resp: 93757

Ion Ratio Lower Upper

113 100

111 102.0 82.4 123.6

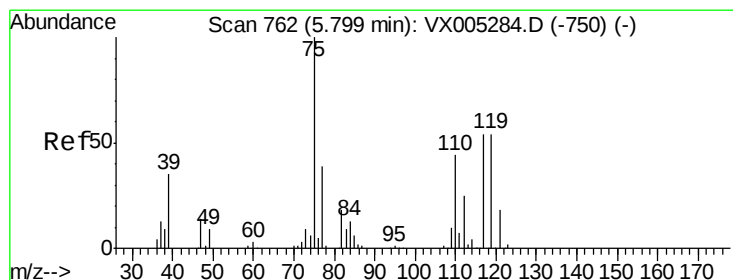
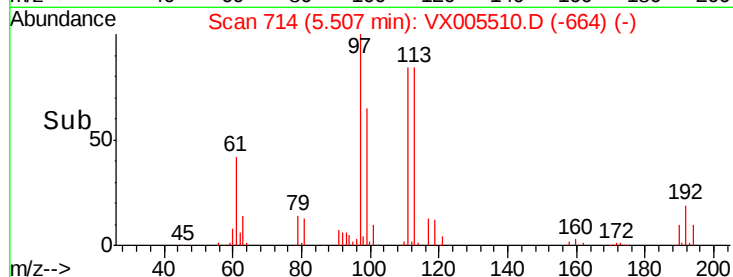
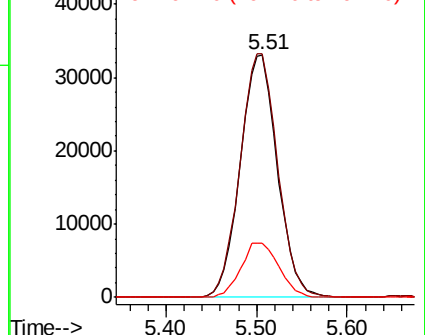
192 23.1 19.4 29.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 43.997 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX005510.D

Acq: 23 Oct 2018 09:53

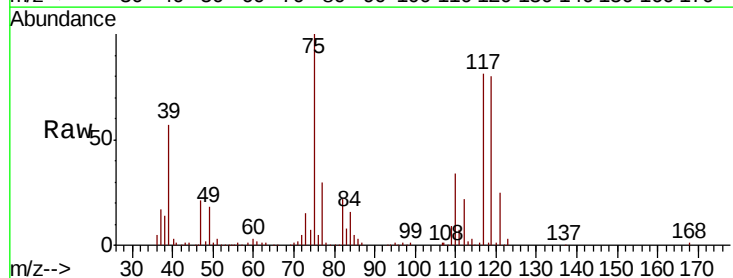
Tgt Ion: 75 Resp: 118641

Ion Ratio Lower Upper

75 100

110 35.9 18.0 54.0

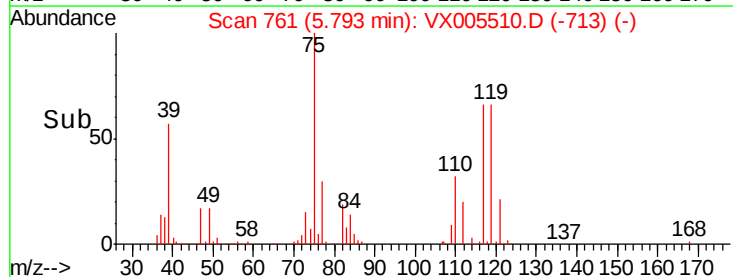
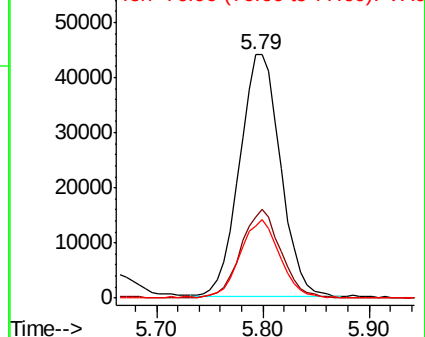
77 31.9 24.6 36.8

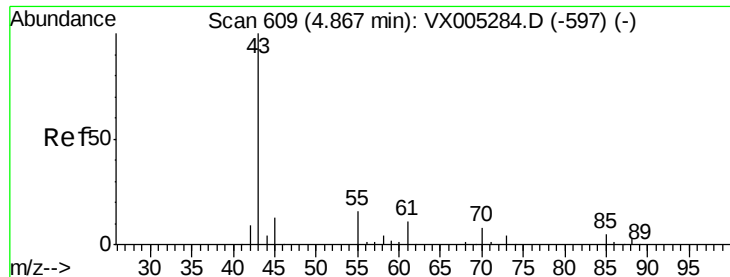


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

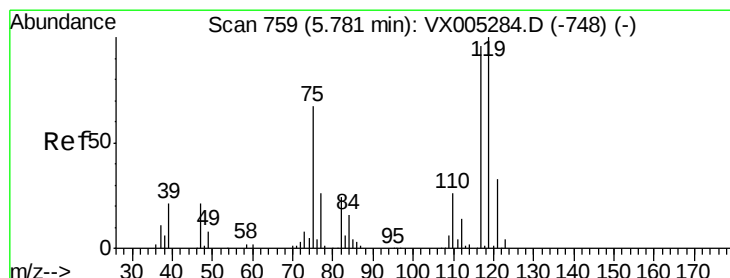
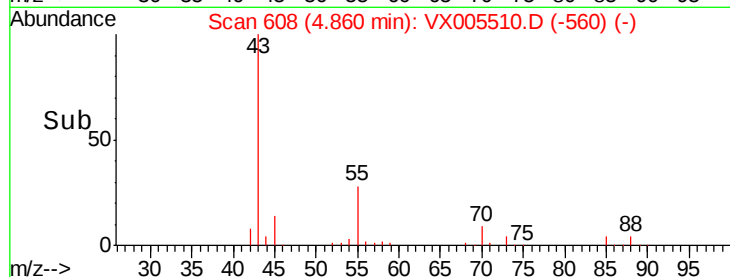
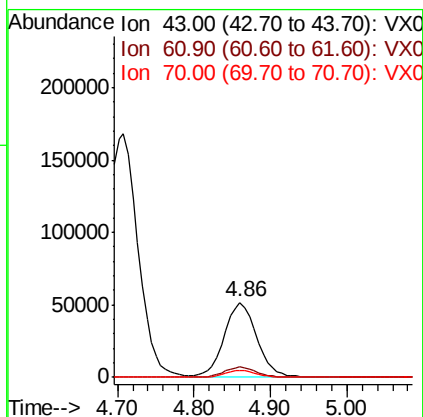
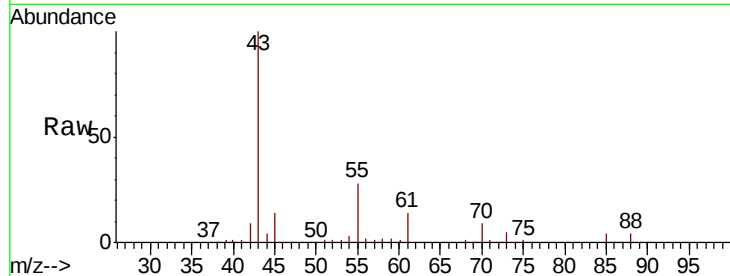




#37
Ethyl Acetate
Concen: 43.578 ug/l
RT: 4.86 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX005510.D
Acq: 23 Oct 2018 09:53

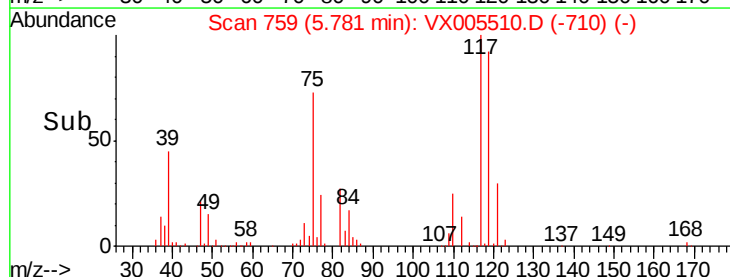
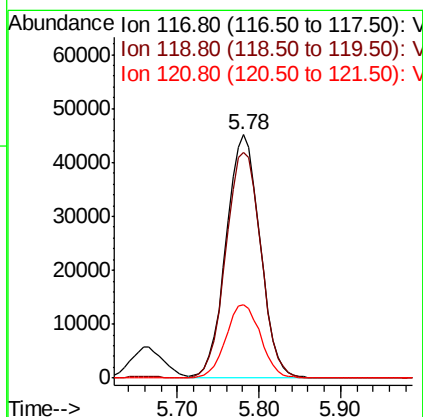
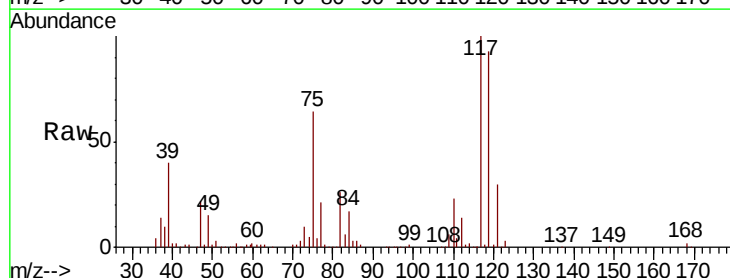
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 151122
Ion Ratio Lower Upper
43 100
61 13.1 11.5 17.3
70 9.6 9.0 13.6



#38
Carbon Tetrachloride
Concen: 48.047 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX005510.D
Acq: 23 Oct 2018 09:53

Tgt Ion: 117 Resp: 130183
Ion Ratio Lower Upper
117 100
119 92.9 78.8 118.2
121 30.4 24.9 37.3

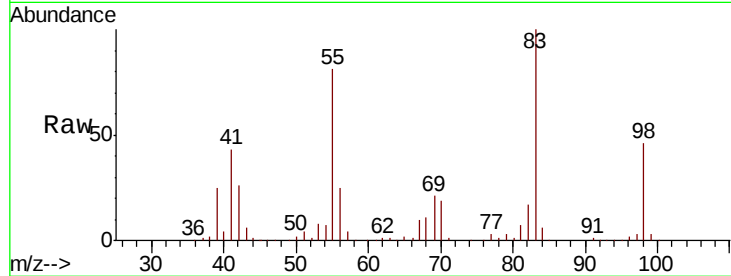




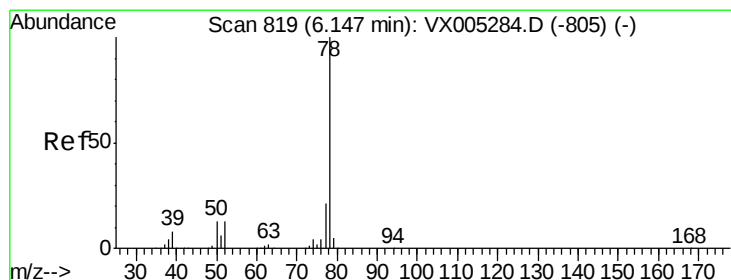
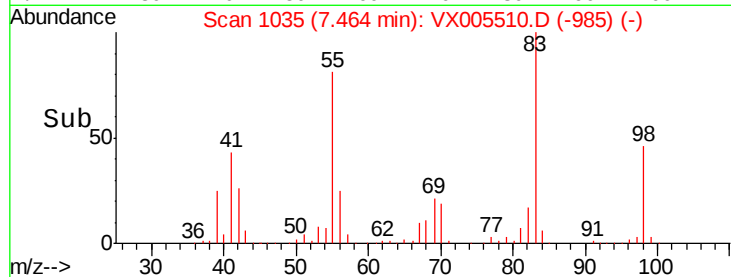
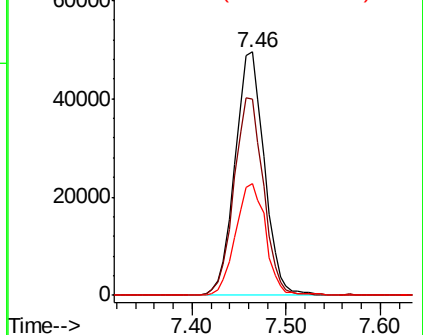
#39
Methvlcvclohexane
Concen: 36.771 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX005510.D
Acq: 23 Oct 2018 09:53

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 107315
Ion Ratio Lower Upper
83 100
55 80.3 61.0 91.4
98 45.8 39.6 59.4

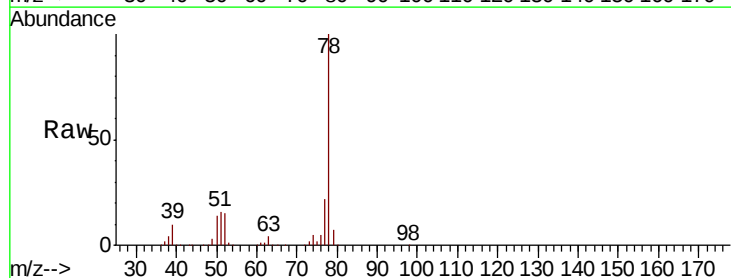


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

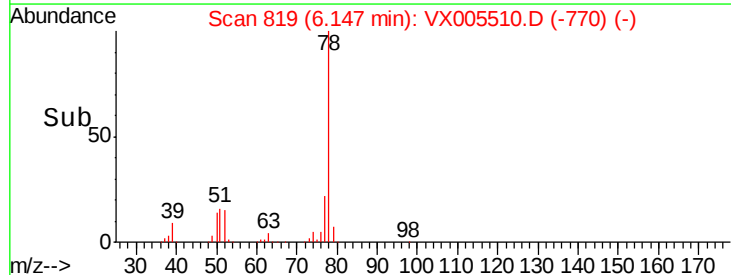
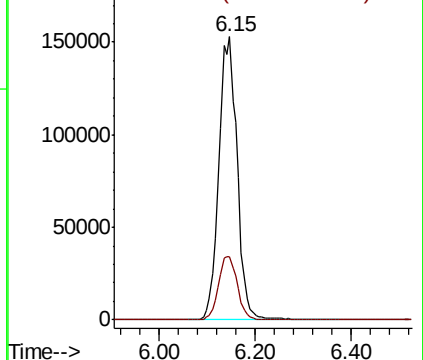


#40
Benzene
Concen: 50.055 ug/l
RT: 6.15 min Scan# 819
Delta R.T. -0.00 min
Lab File: VX005510.D
Acq: 23 Oct 2018 09:53

Tgt Ion: 78 Resp: 404905
Ion Ratio Lower Upper
78 100
77 22.2 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

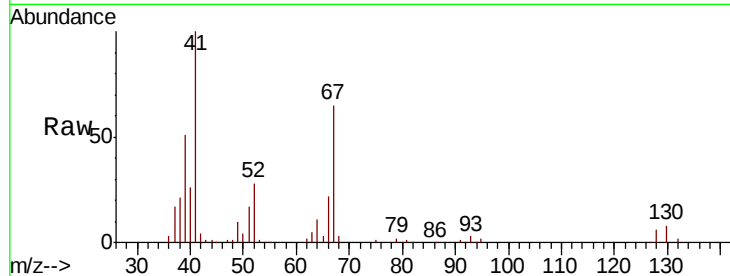




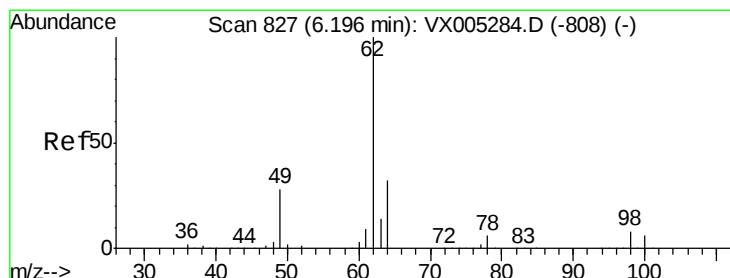
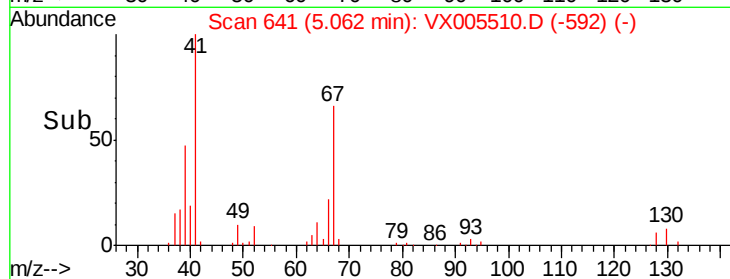
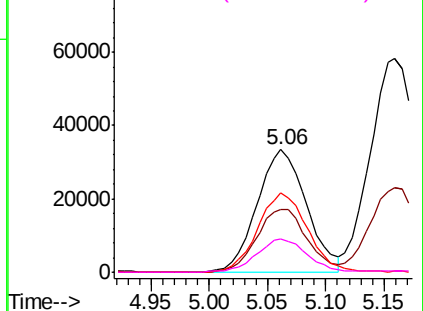
#41
Methacrylonitrile
Concen: 52.495 ug/l
RT: 5.06 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX005510.D
Acq: 23 Oct 2018 09:53

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	97596
Ion	Ratio	Lower	Upper
41	100		
39	52.7	42.4	63.6
67	66.1	59.2	88.8
52	27.8	23.0	34.4

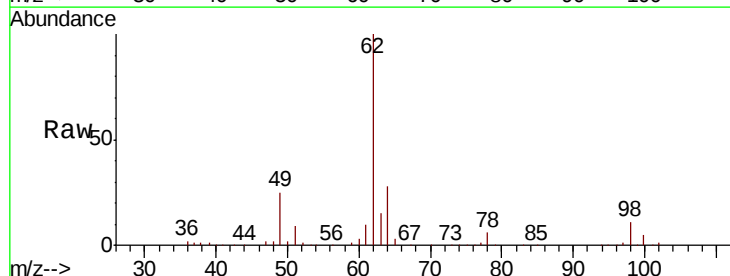


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

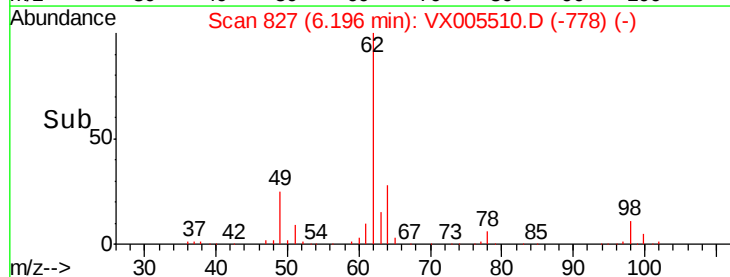
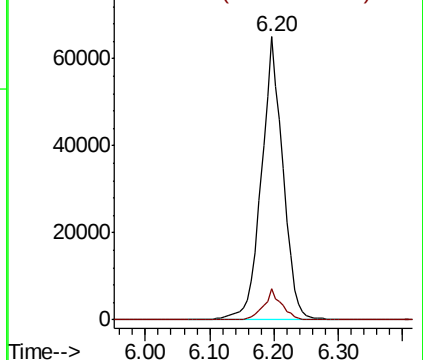


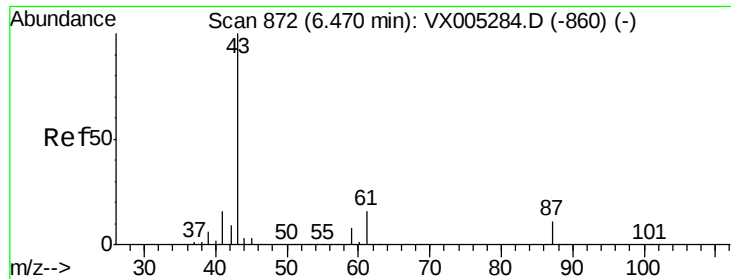
#42
1,2-Dichloroethane
Concen: 52.569 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX005510.D
Acq: 23 Oct 2018 09:53

Tgt Ion:	62	Resp:	150153
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	20.6



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



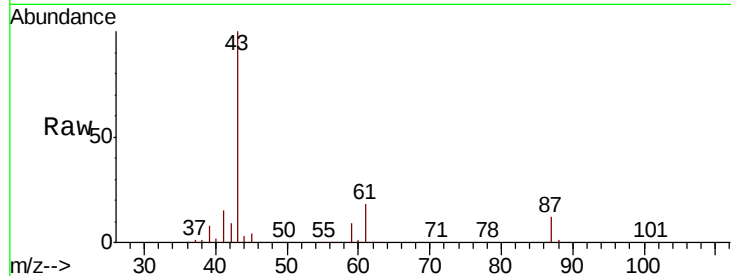


#43

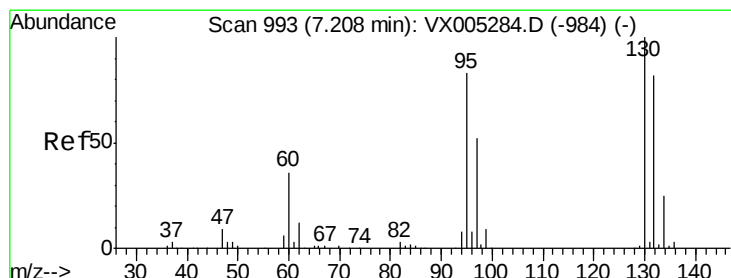
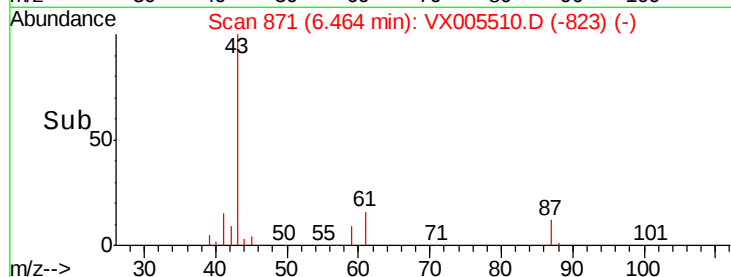
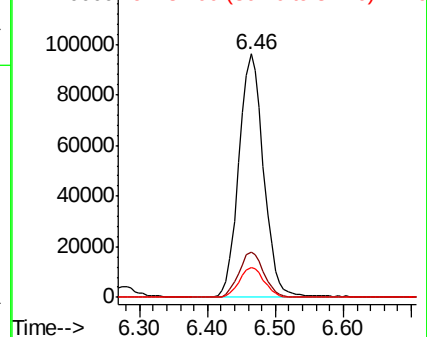
Isopropyl Acetate
 Concen: 52.512 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. -0.01 min
 Lab File: VX005510.D
 Acq: 23 Oct 2018 09:53

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 43 Resp: 242582
 Ion Ratio Lower Upper
 43 100
 61 18.9 17.0 25.4
 87 12.3 11.4 17.2



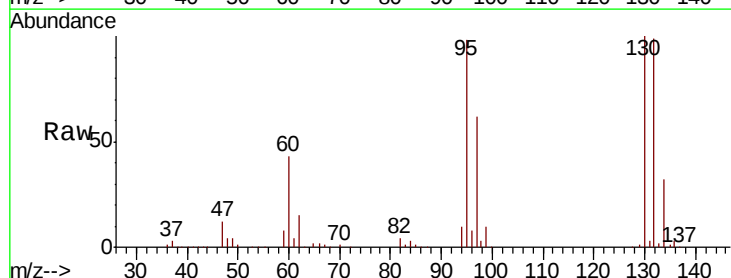
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



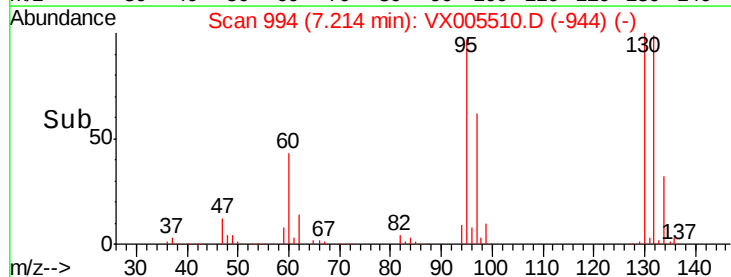
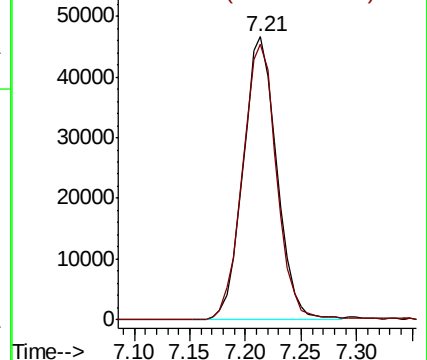
#44

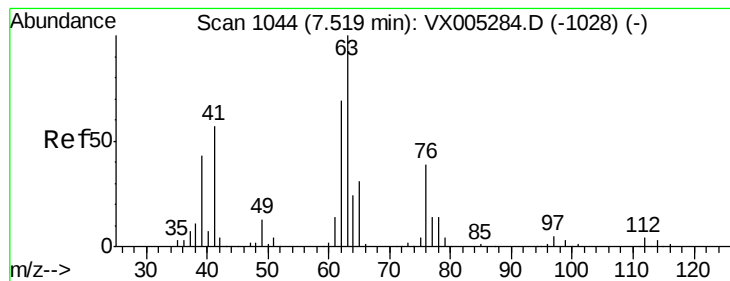
Trichloroethene
 Concen: 47.515 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: VX005510.D
 Acq: 23 Oct 2018 09:53

Tgt Ion:130 Resp: 98204
 Ion Ratio Lower Upper
 130 100
 95 97.5 0.0 181.6



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 53.379 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX005510.D

Acq: 23 Oct 2018 09:53

Instrument :

MSVOA_X

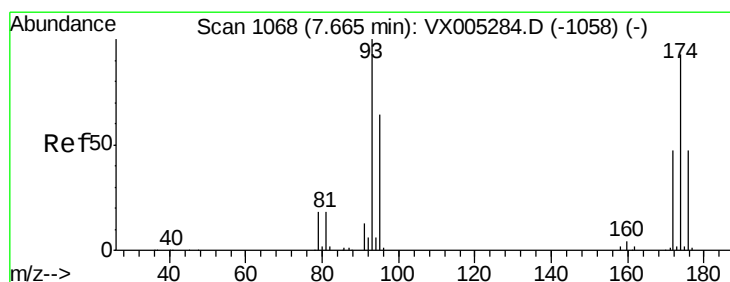
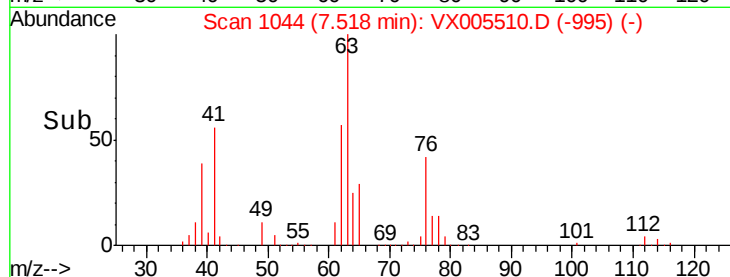
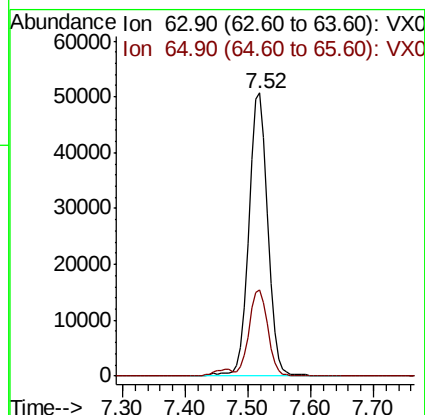
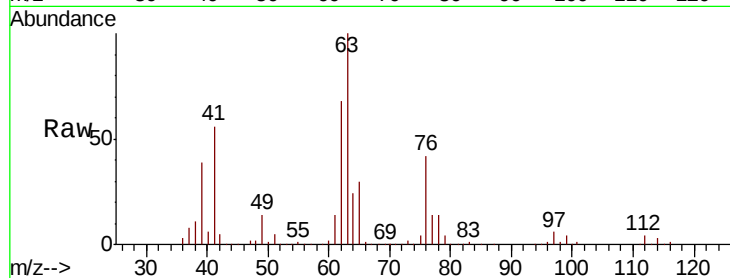
ClientSampleId :

Tot Ion: 63 Resp: 105919

Ion Ratio Lower Upper

63 100

65 30.4 24.3 36.5



#46

Dibromomethane

Concen: 52.014 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VX005510.D

Acq: 23 Oct 2018 09:53

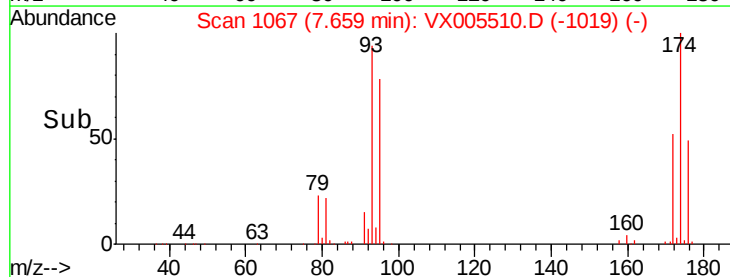
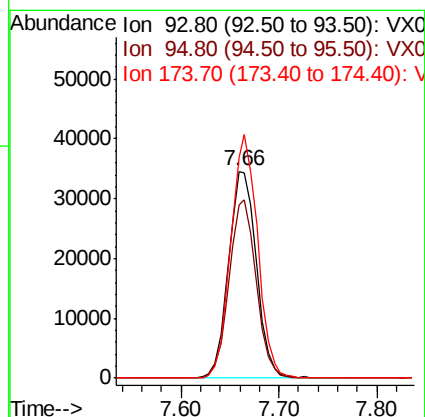
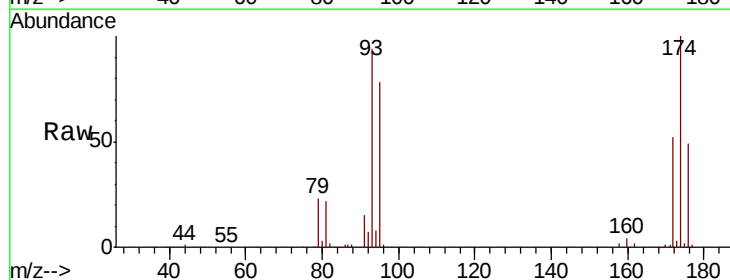
Tgt Ion: 93 Resp: 68119

Ion Ratio Lower Upper

93 100

95 84.0 65.5 98.3

174 113.7 94.2 141.4





#47

Bromodichloromethane

Concen: 55.750 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX005510.D

Acq: 23 Oct 2018 09:53

Instrument :
MSVOA_X
ClientSampled :

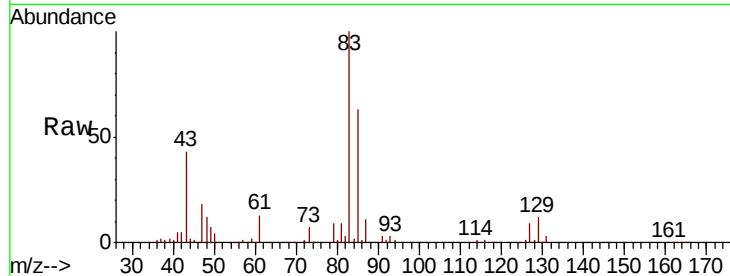
Tot Ion: 83 Resp: 135052

Ion Ratio Lower Upper

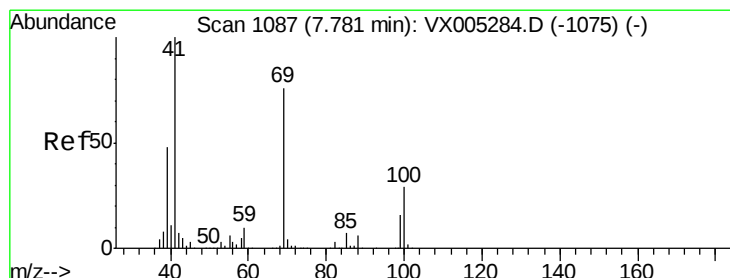
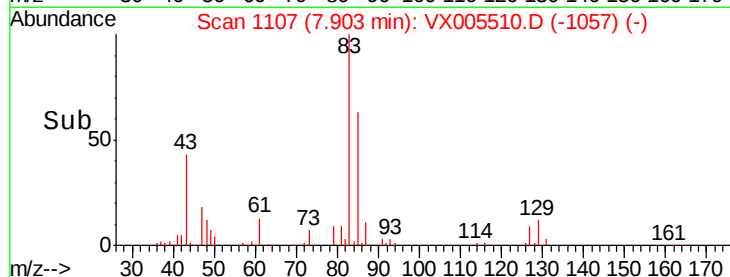
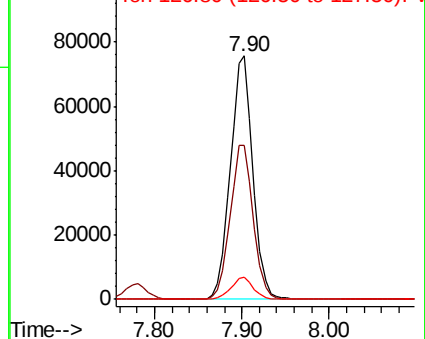
83 100

85 63.3 50.9 76.3

127 9.0 7.3 10.9



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: 57.302 ug/l

RT: 7.78 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX005510.D

Acq: 23 Oct 2018 09:53

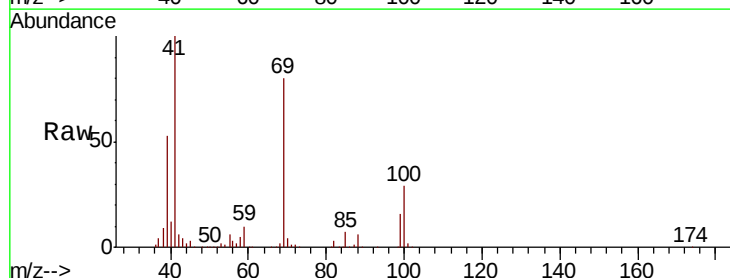
Tgt Ion: 41 Resp: 137290

Ion Ratio Lower Upper

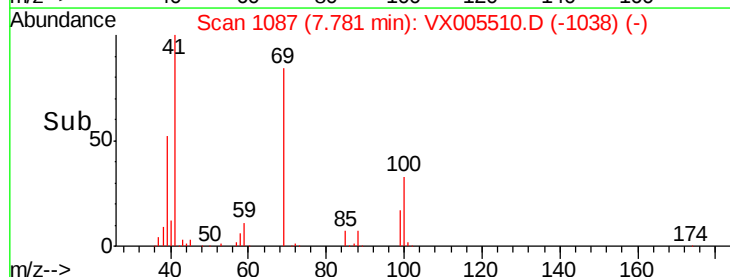
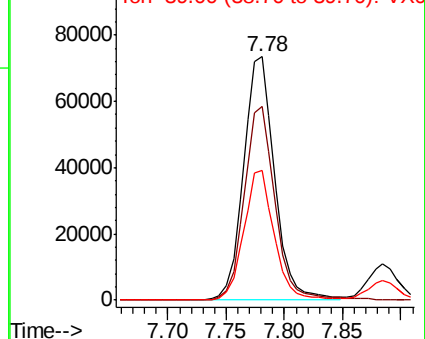
41 100

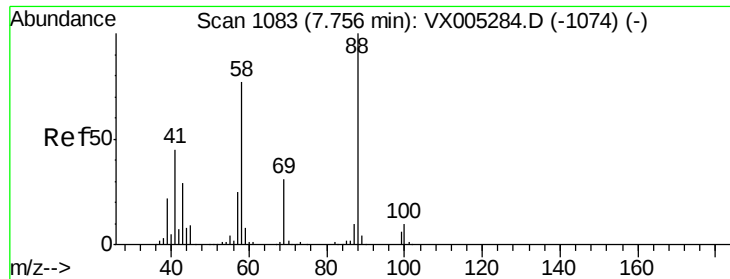
69 79.4 70.2 105.4

39 51.9 42.7 64.1



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

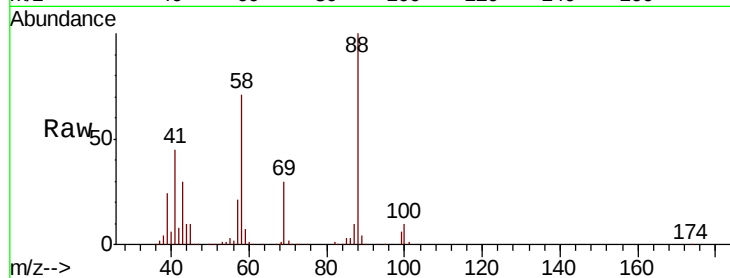




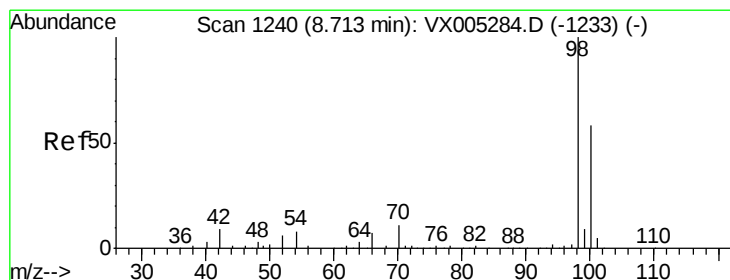
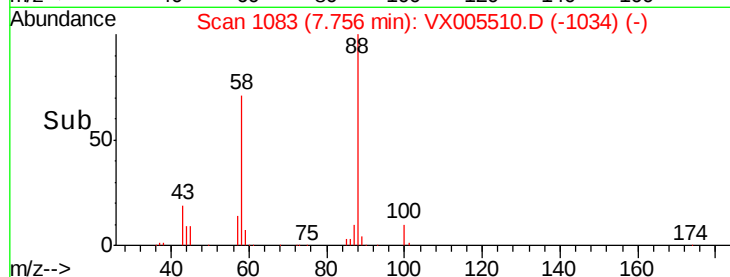
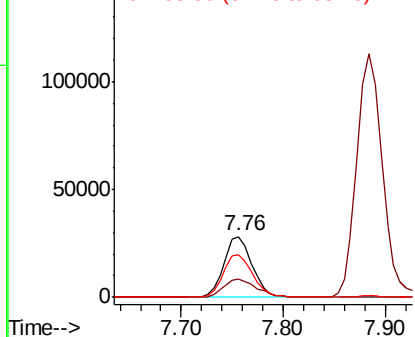
#49
1,4-Dioxane
Concen: 975.907 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX005510.D
Acq: 23 Oct 2018 09:53

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 53930
Ion Ratio Lower Upper
88 100
43 36.0 24.7 37.1
58 74.3 55.3 82.9

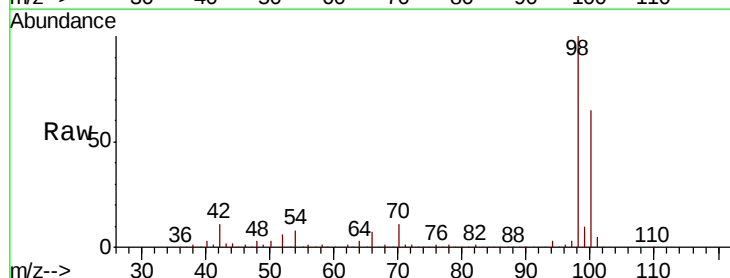


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

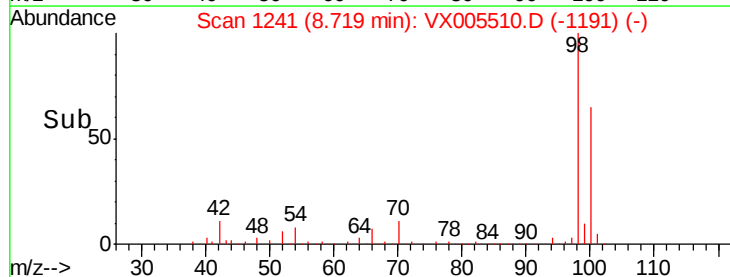
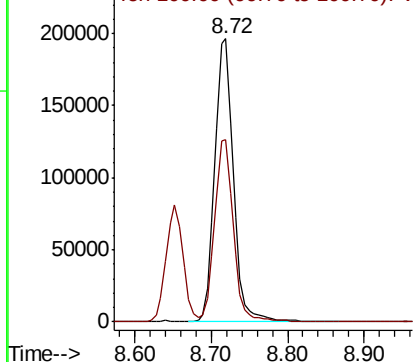


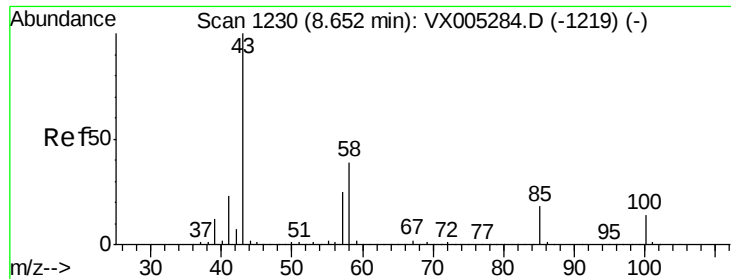
#50
Toluene-d8
Concen: 52.269 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VX005510.D
Acq: 23 Oct 2018 09:53

Tgt Ion: 98 Resp: 330913
Ion Ratio Lower Upper
98 100
100 65.6 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 294.655 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. -0.00 min

Lab File: VX005510.D

Acq: 23 Oct 2018 09:53

Instrument :

MSVOA_X

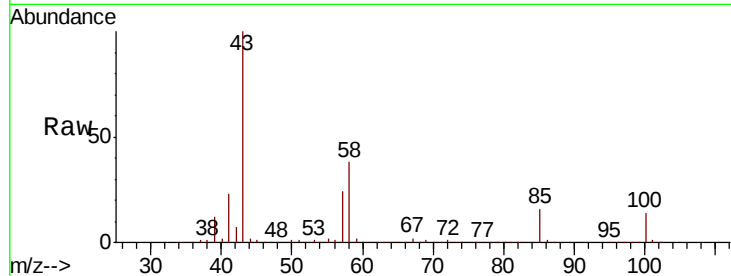
ClientSampleId :

Tot Ion: 43 Resp: 942490

Ion Ratio Lower Upper

43 100

58 37.7 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VX005510.D (-1181) (-)

Ion 58.00 (57.70 to 58.70): VX005510.D (-1181) (-)

8.65

600000

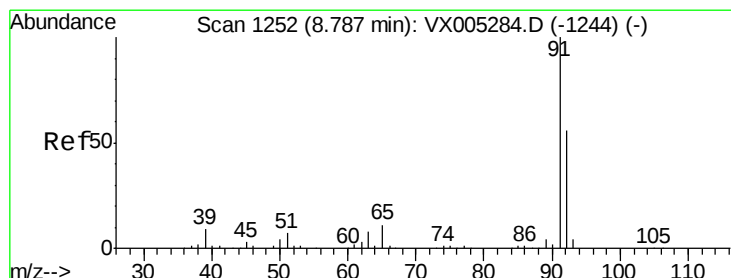
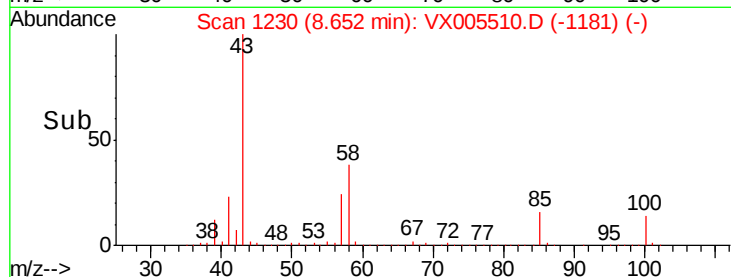
400000

200000

0

8.60 8.70 8.80

Time-->



#52

Toluene

Concen: 53.298 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005510.D

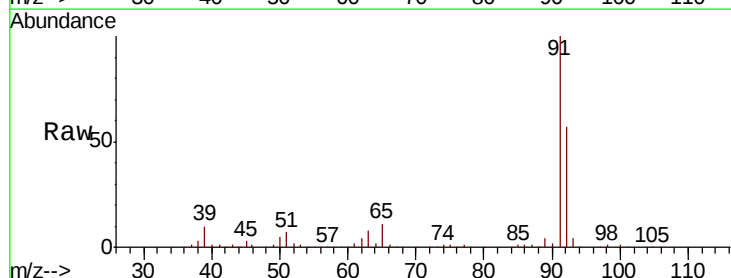
Acq: 23 Oct 2018 09:53

Tgt Ion: 92 Resp: 235869

Ion Ratio Lower Upper

92 100

91 174.3 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX005510.D (-1203) (-)

Ion 91.00 (90.70 to 91.70): VX005510.D (-1203) (-)

8.79

300000

250000

200000

150000

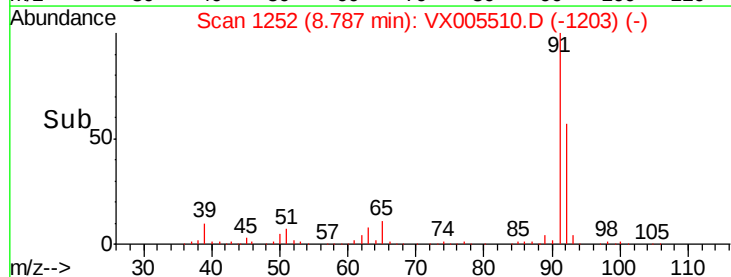
100000

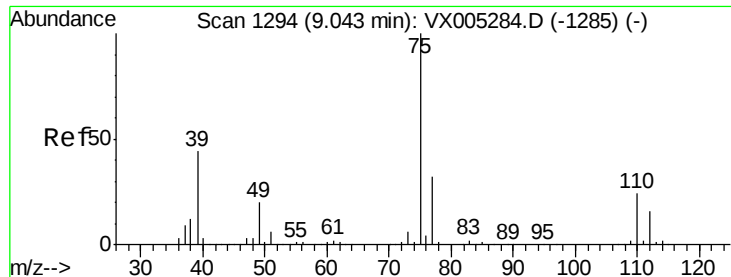
50000

0

8.70 8.80 8.90 9.00

Time-->

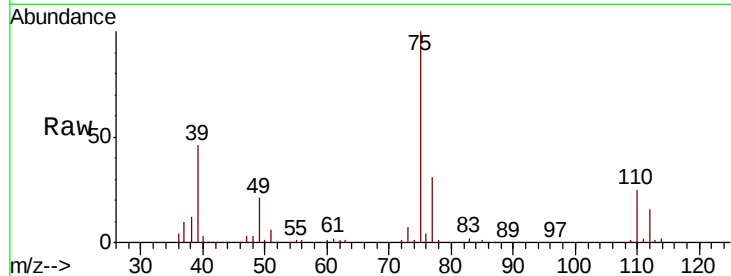




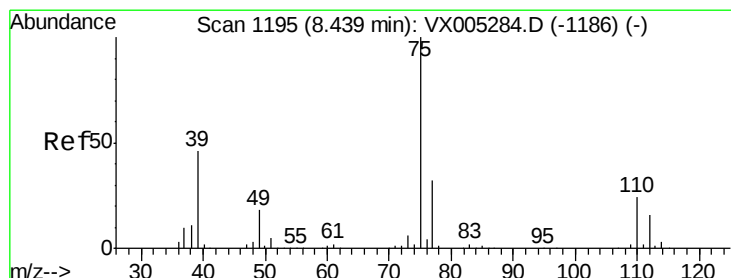
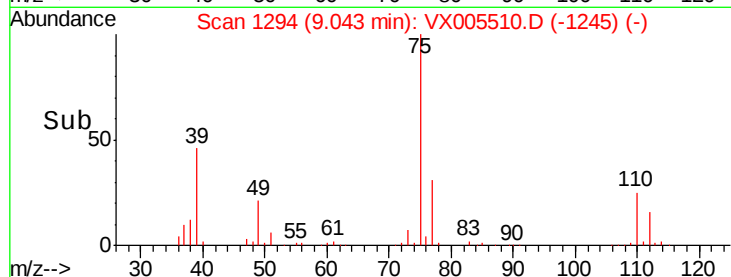
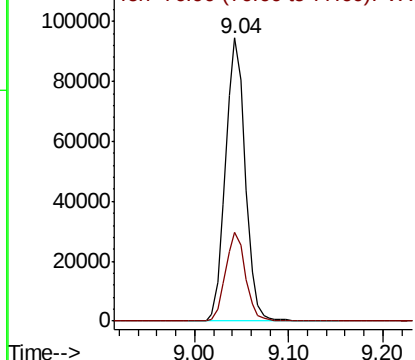
#53
 t-1,3-Dichloropropene
 Concen: 52.575 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX005510.D
 Acq: 23 Oct 2018 09:53

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 75 Resp: 137829
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.6 37.0

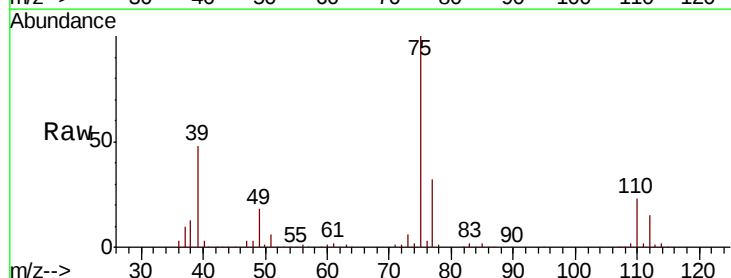


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 76.90 (76.60 to 77.60): VX0

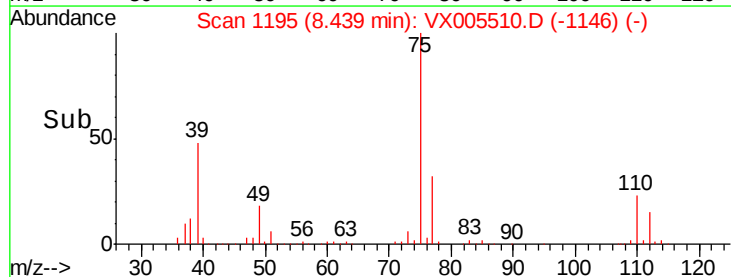
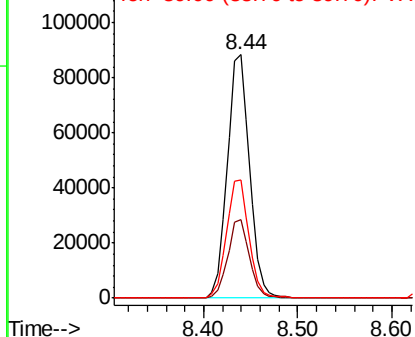


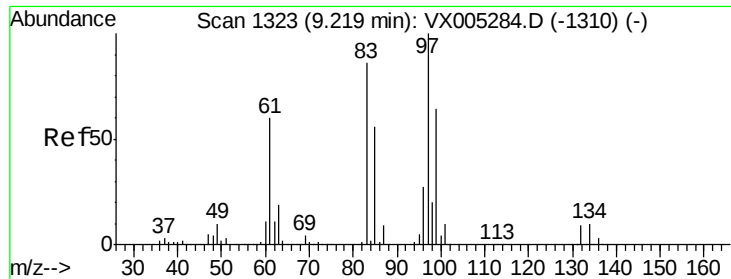
#54
 cis-1,3-Dichloropropene
 Concen: 51.118 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: VX005510.D
 Acq: 23 Oct 2018 09:53

Tgt Ion: 75 Resp: 145205
 Ion Ratio Lower Upper
 75 100
 77 32.0 26.2 39.2
 39 48.2 36.4 54.6



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

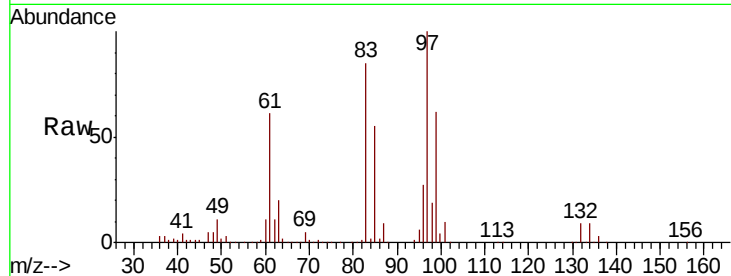




#55
 1,1,2-Trichloroethane
 Concen: 55.521 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: VX005510.D
 Acq: 23 Oct 2018 09:53

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	104071
Ion	Ratio	Lower	Upper
97	100		
83	85.1	66.4	99.6
85	54.8	43.3	64.9
99	62.4	49.0	73.4



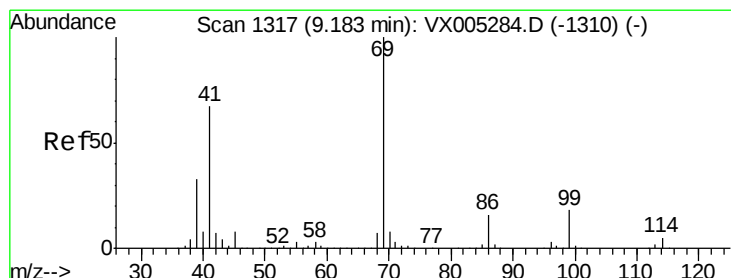
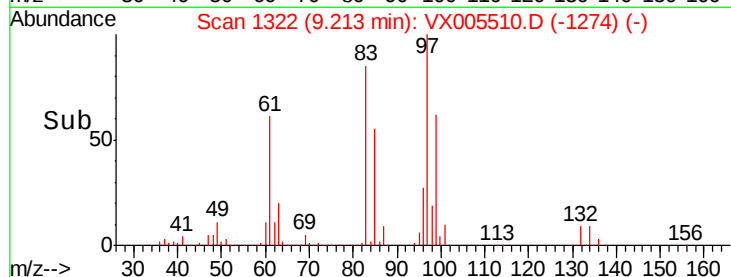
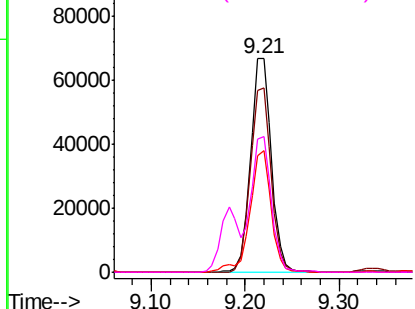
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

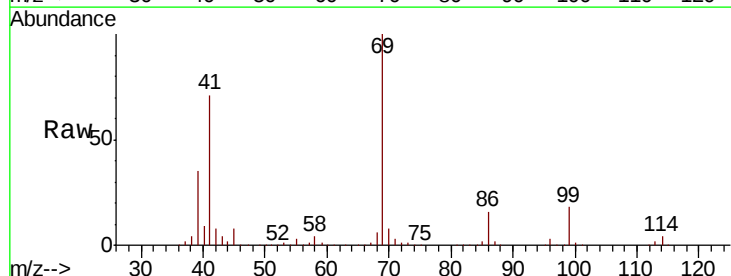
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 58.851 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX005510.D
 Acq: 23 Oct 2018 09:53

Tgt Ion:	69	Resp:	160816
Ion	Ratio	Lower	Upper
69	100		
41	71.4	51.0	76.4
39	35.1	26.1	39.1

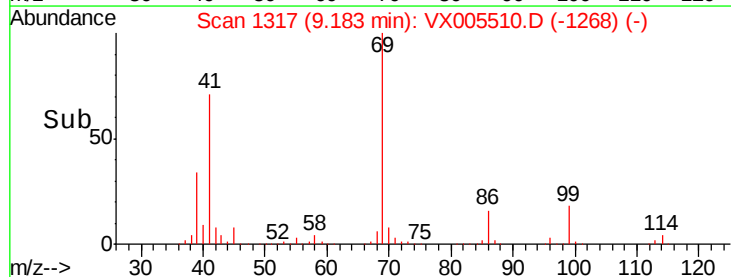
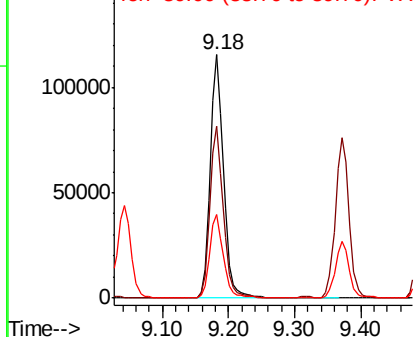


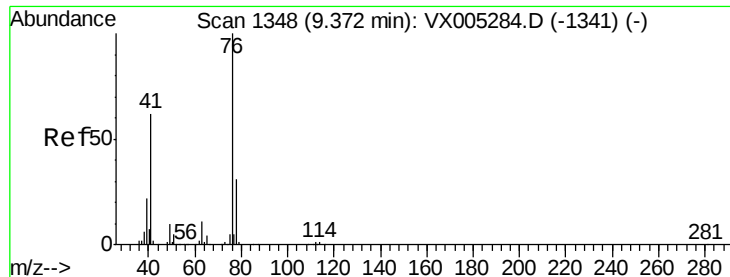
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 54.931 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX005510.D

Acq: 23 Oct 2018 09:53

Instrument :

MSVOA_X

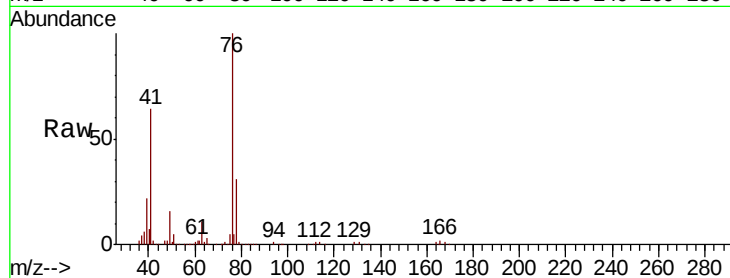
ClientSampleId :

Tot Ion: 76 Resp: 171859

Ion Ratio Lower Upper

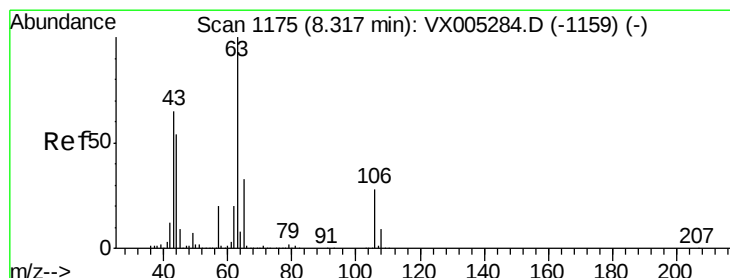
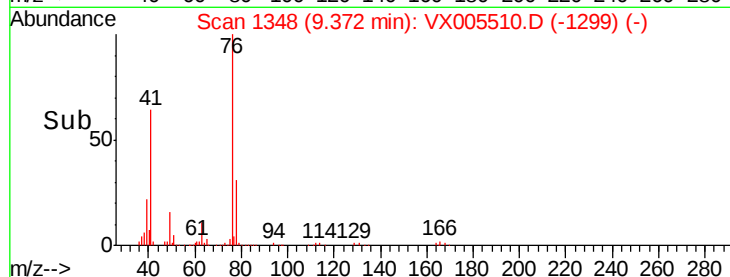
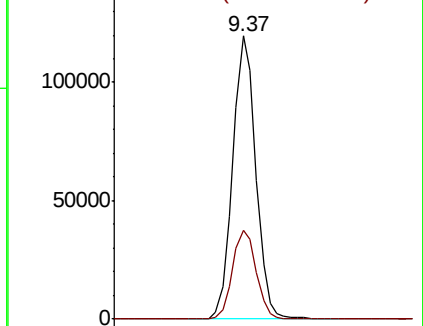
76 100

78 32.2 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 0.485 ug/l

RT: 8.28 min Scan# 1169

Delta R.T. -0.04 min

Lab File: VX005510.D

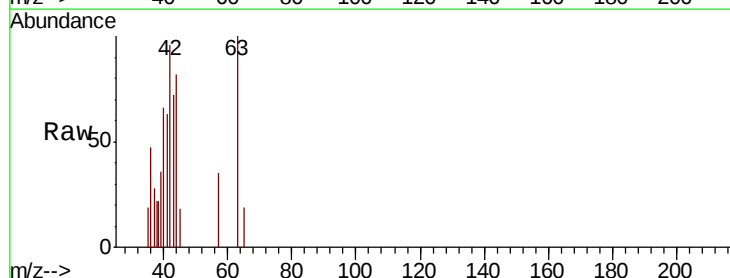
Acq: 23 Oct 2018 09:53

Tgt Ion: 63 Resp: 743

Ion Ratio Lower Upper

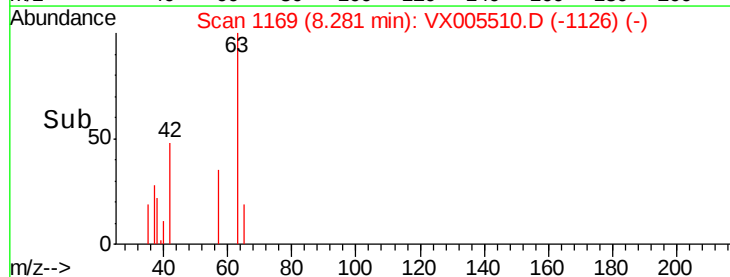
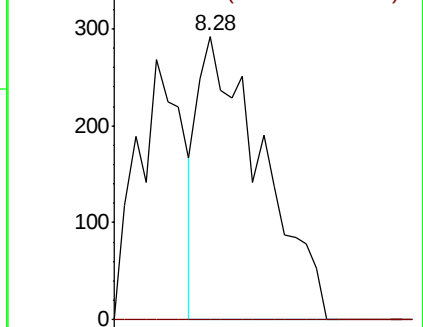
63 100

106 0.0 23.9 35.9#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

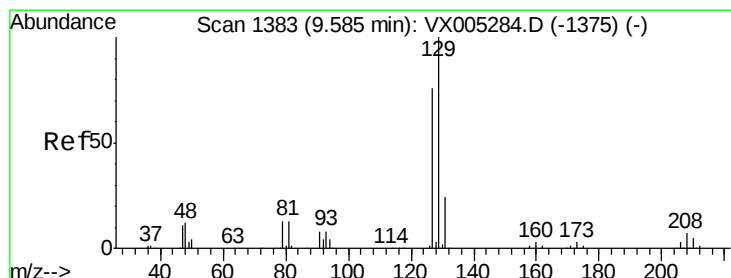
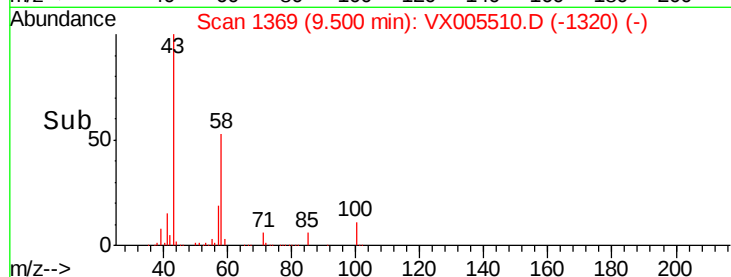
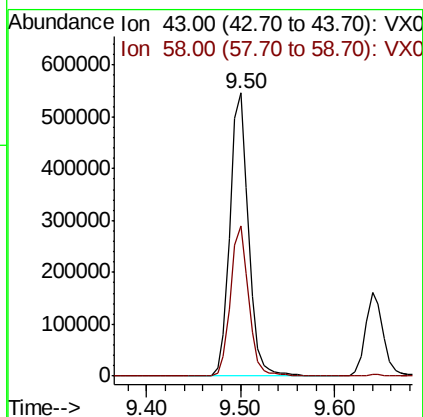
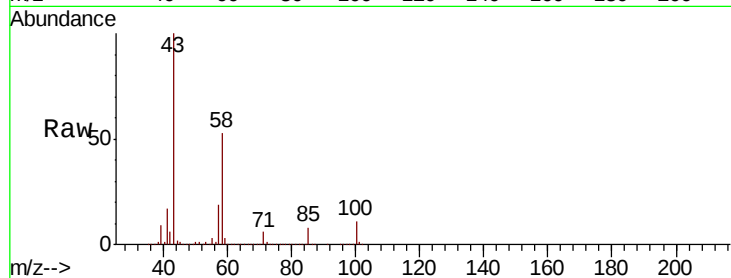




#59
2-Hexanone
Concen: 290.390 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX005510.D
Acq: 23 Oct 2018 09:53

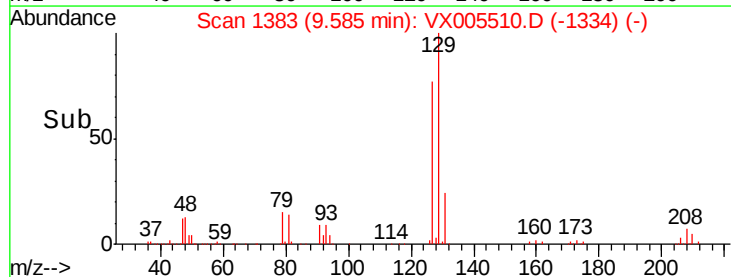
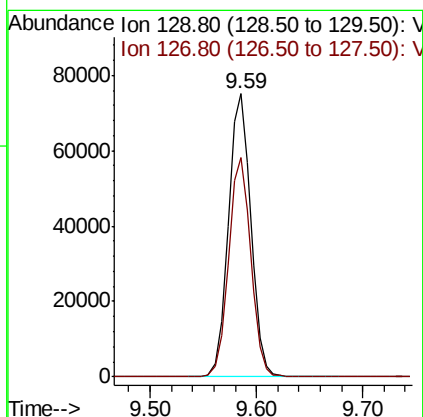
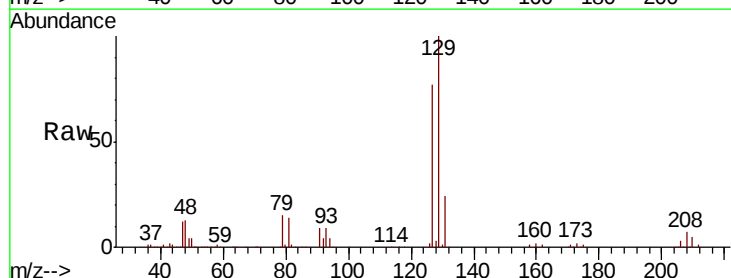
Instrument :
MSVOA_X
ClientSampleId :

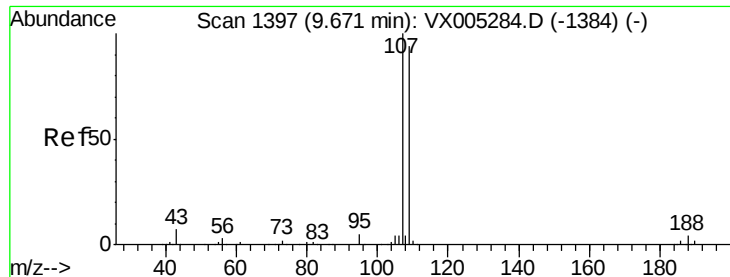
Tot Ion: 43 Resp: 747170
Ion Ratio Lower Upper
43 100
58 52.3 29.0 87.0



#60
Dibromochloromethane
Concen: 57.266 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005510.D
Acq: 23 Oct 2018 09:53

Tgt Ion:129 Resp: 110957
Ion Ratio Lower Upper
129 100
127 76.8 38.5 115.5





#61

1,2-Dibromoethane

Concen: 54.007 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX005510.D

Acq: 23 Oct 2018 09:53

Instrument :

MSVOA_X

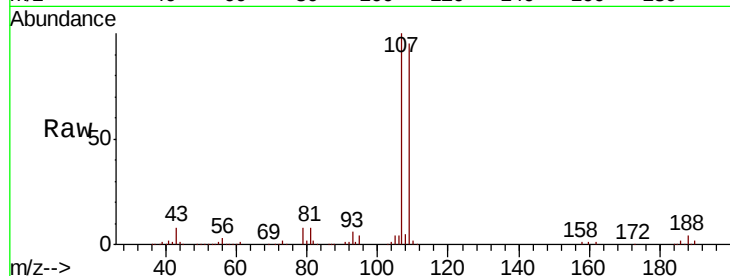
ClientSampleId :

Tot Ion:107 Resp: 106241

Ion Ratio Lower Upper

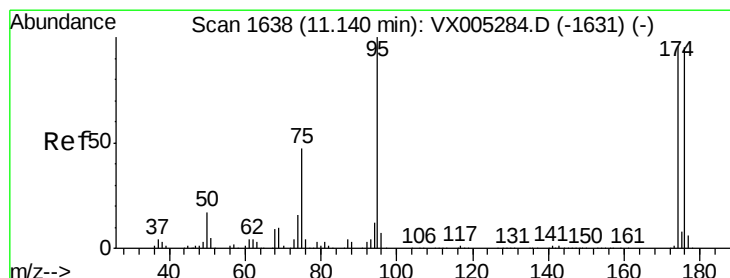
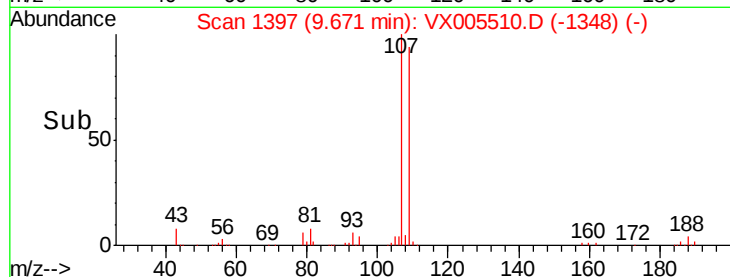
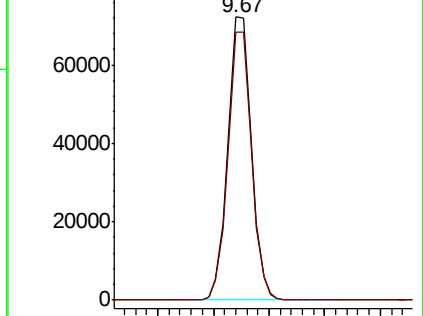
107 100

109 94.9 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 53.830 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005510.D

Acq: 23 Oct 2018 09:53

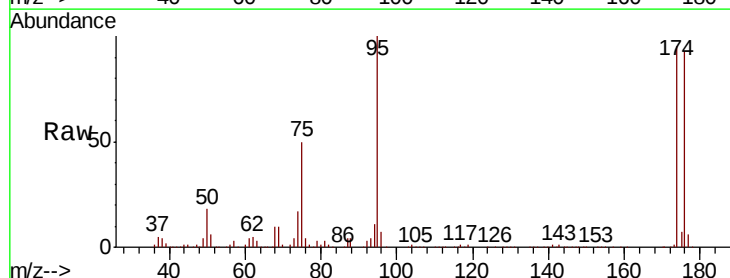
Tgt Ion: 95 Resp: 128024

Ion Ratio Lower Upper

95 100

174 91.2 0.0 185.2

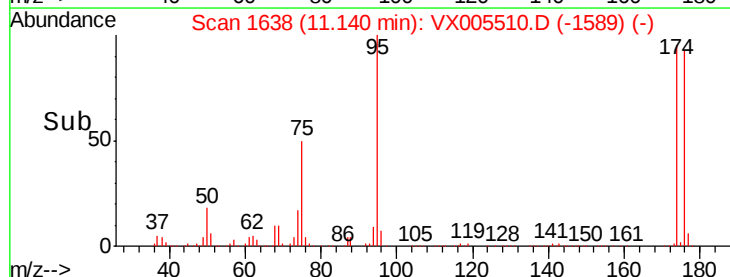
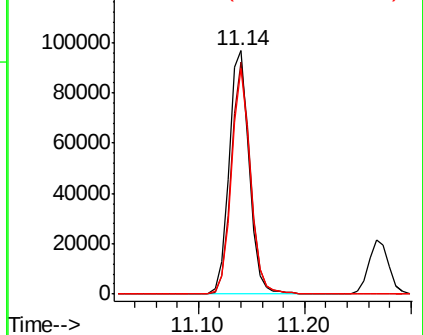
176 87.8 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

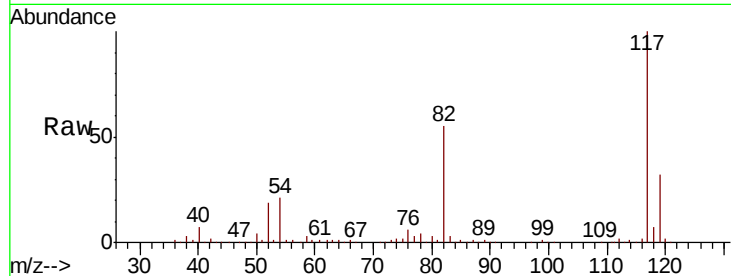




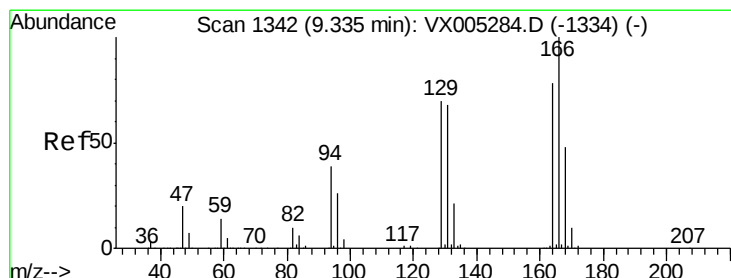
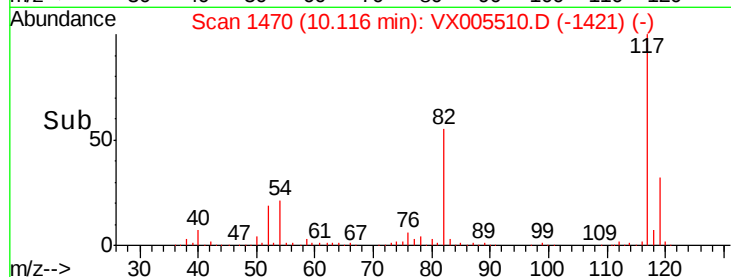
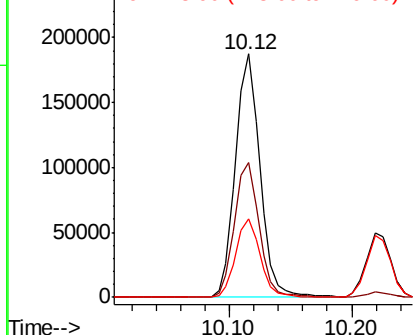
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005510.D
Acq: 23 Oct 2018 09:53

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 259955
Ion Ratio Lower Upper
117 100
82 55.2 47.8 71.6
119 32.1 29.3 43.9



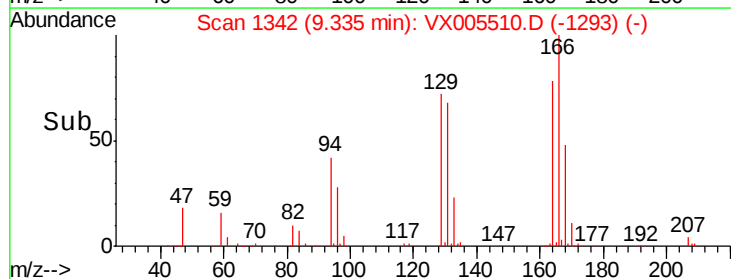
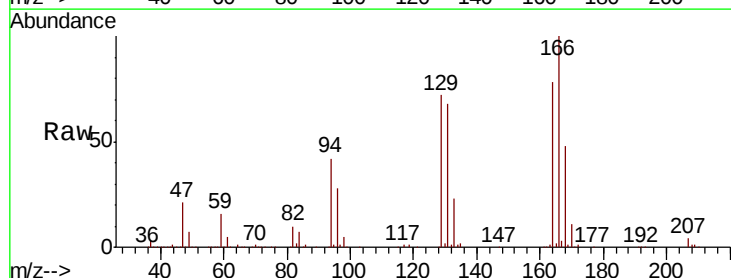
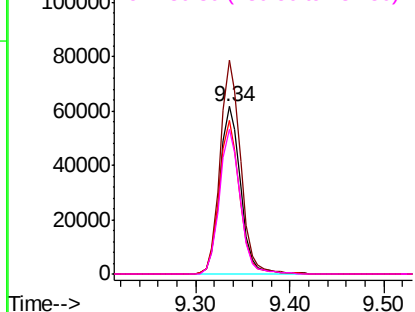
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX
Ion 118.90 (118.60 to 119.60): V

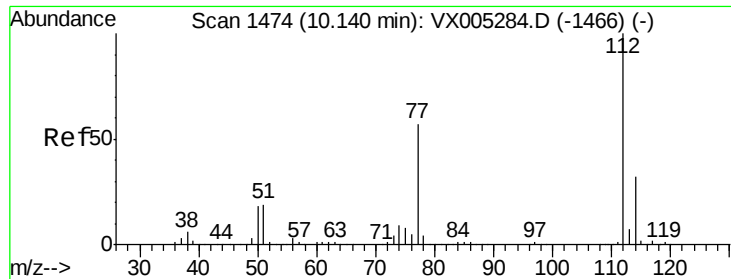


#64
Tetrachloroethene
Concen: 45.042 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005510.D
Acq: 23 Oct 2018 09:53

Tgt Ion:164 Resp: 94262
Ion Ratio Lower Upper
164 100
166 127.7 102.8 154.2
129 92.1 69.4 104.0
131 86.7 67.9 101.9

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 49.007 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX005510.D

Acq: 23 Oct 2018 09:53

Instrument :

MSVOA_X

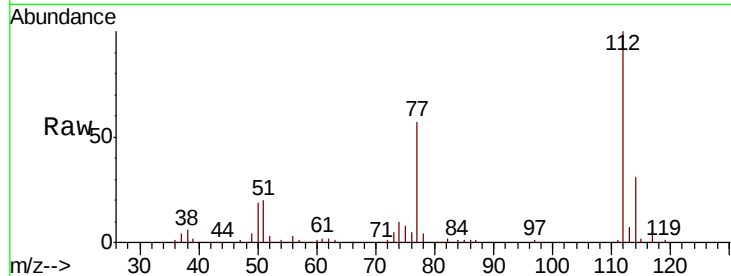
ClientSampled :

Tot Ion:112 Resp: 270990

Ion Ratio Lower Upper

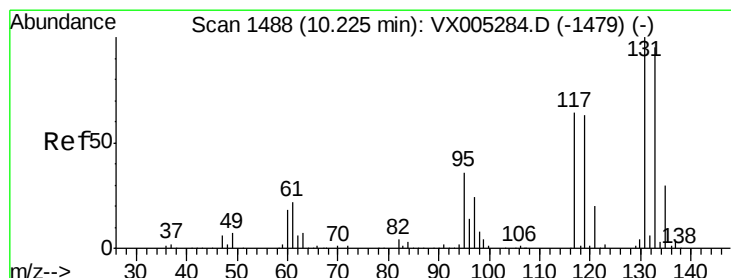
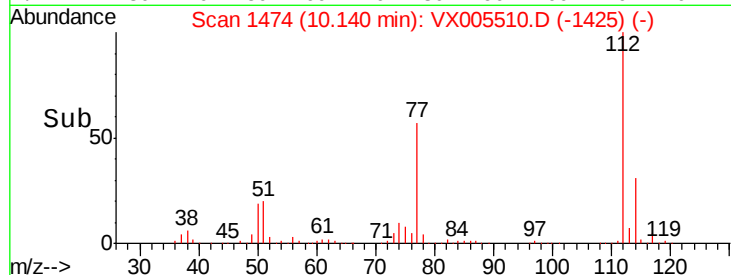
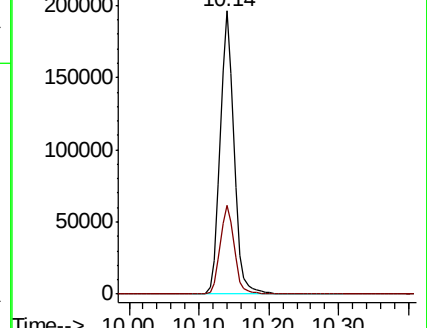
112 100

114 31.4 27.8 41.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 52.183 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.01 min

Lab File: VX005510.D

Acq: 23 Oct 2018 09:53

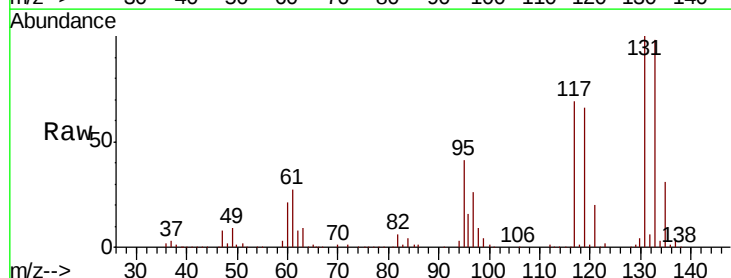
Tgt Ion:131 Resp: 102828

Ion Ratio Lower Upper

131 100

133 96.6 48.1 144.4

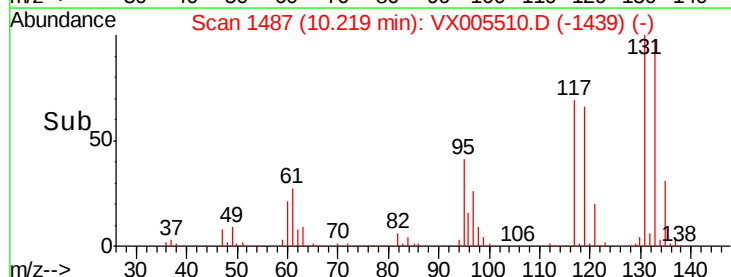
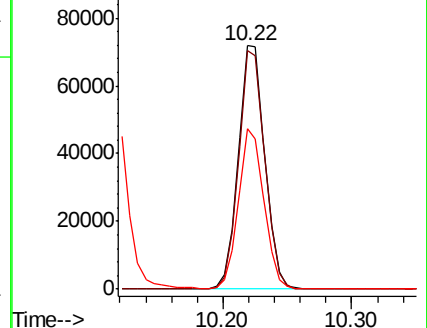
119 63.8 32.9 98.6

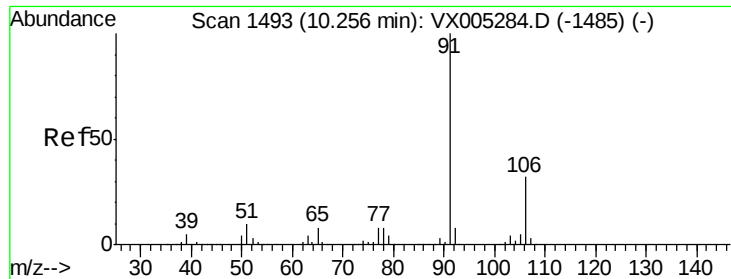


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

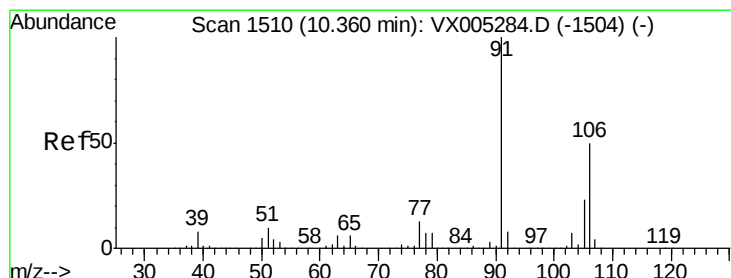
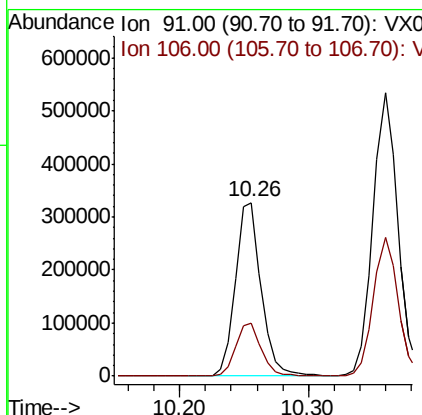
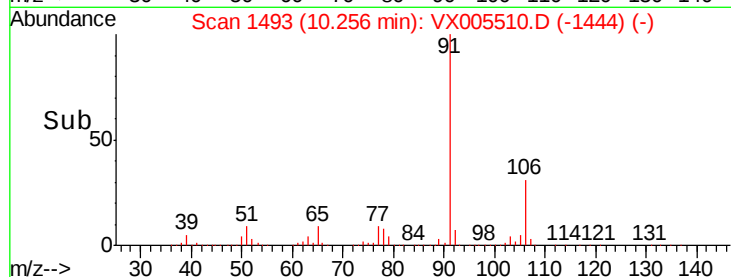
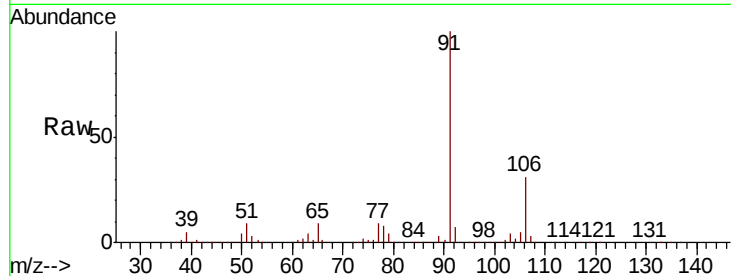




#67
Ethyl Benzene
Concen: 50.781 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VX005510.D
Acq: 23 Oct 2018 09:53

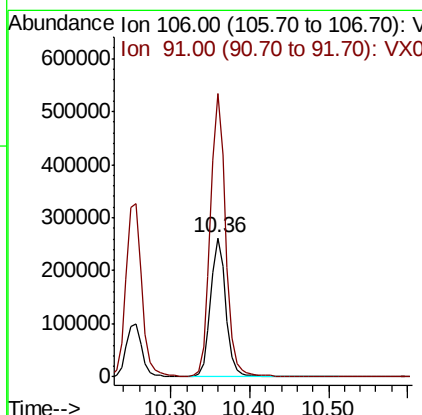
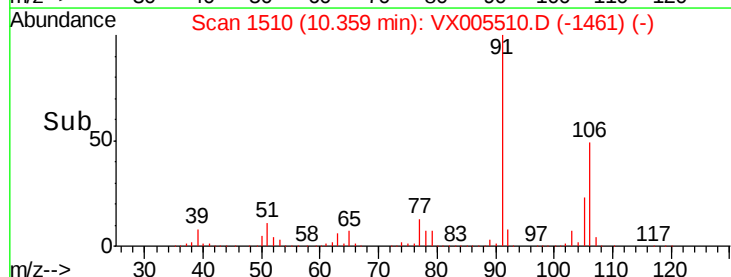
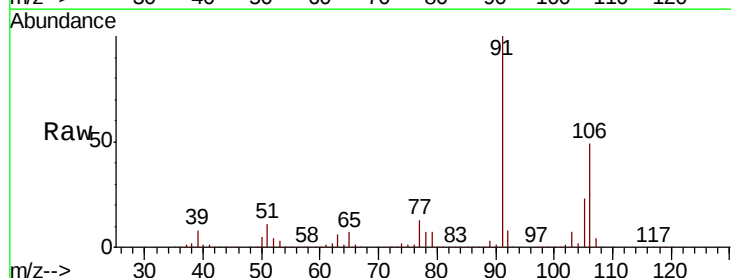
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 91 Resp: 456482
Ion Ratio Lower Upper
91 100
106 30.7 25.9 38.9



#68
m/p-Xylenes
Concen: 101.004 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX005510.D
Acq: 23 Oct 2018 09:53

Tgt Ion: 106 Resp: 352406
Ion Ratio Lower Upper
106 100
91 204.8 157.1 235.7

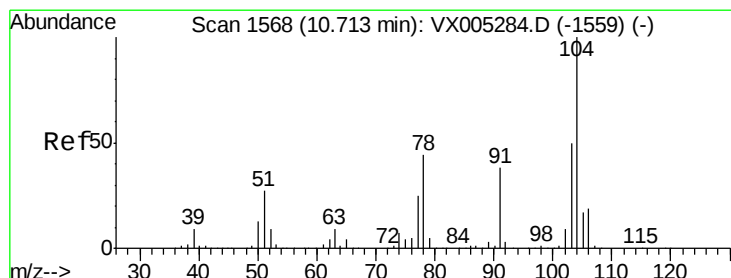
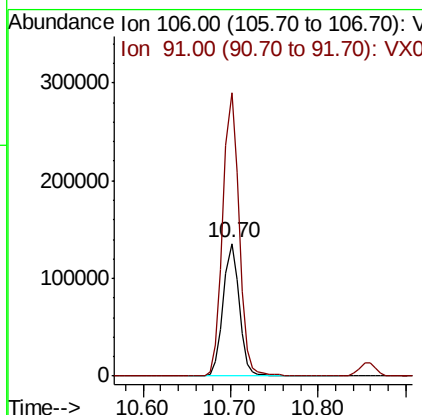
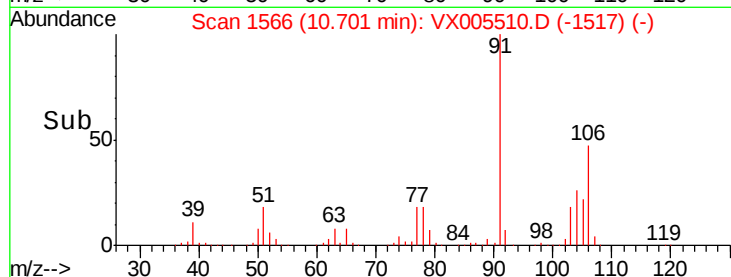
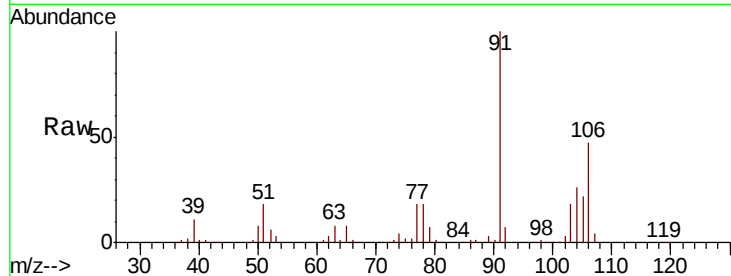




#69
o-Xylene
Concen: 51.442 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005510.D
Acq: 23 Oct 2018 09:53

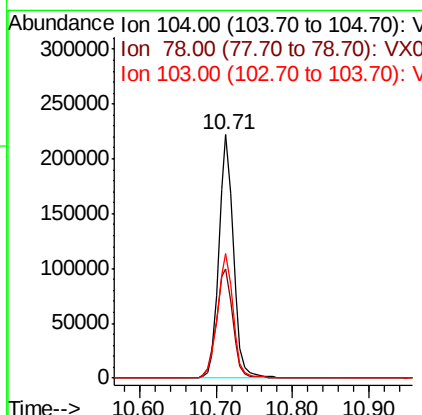
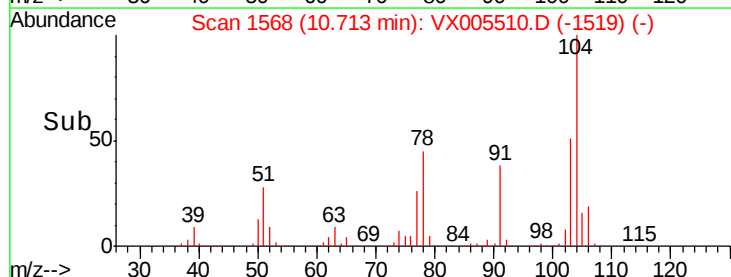
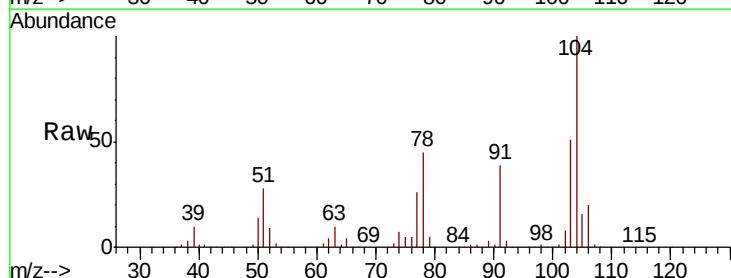
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 173099
Ion Ratio Lower Upper
106 100
91 215.1 105.1 315.1



#70
Styrene
Concen: 52.911 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005510.D
Acq: 23 Oct 2018 09:53

Tgt Ion:104 Resp: 292845
Ion Ratio Lower Upper
104 100
78 50.8 37.4 56.0
103 55.5 43.8 65.6





#71

Bromoform

Concen: 52.733 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005510.D

Acq: 23 Oct 2018 09:53

Instrument :

MSVOA_X

ClientSampled :

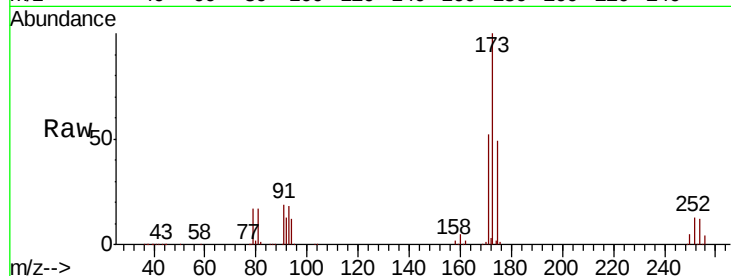
Tot Ion:173 Resp: 92859

Ion Ratio Lower Upper

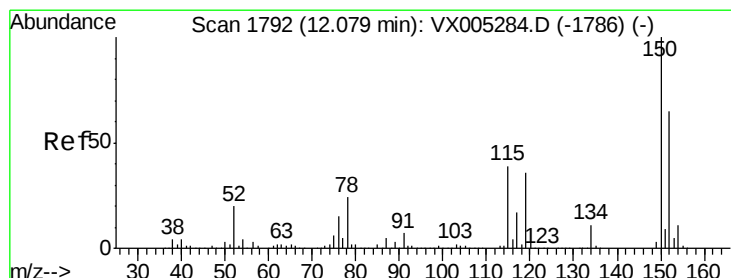
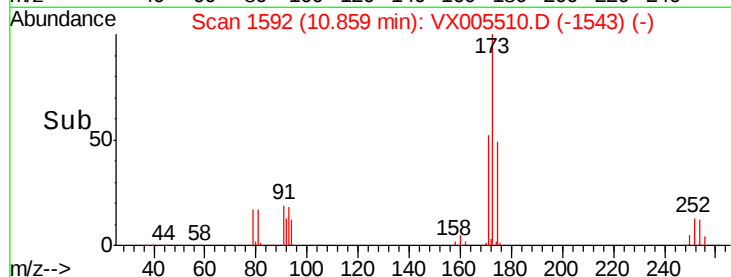
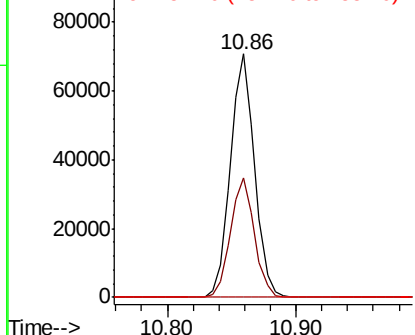
173 100

175 48.7 24.1 72.3

254 0.3 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005510.D

Acq: 23 Oct 2018 09:53

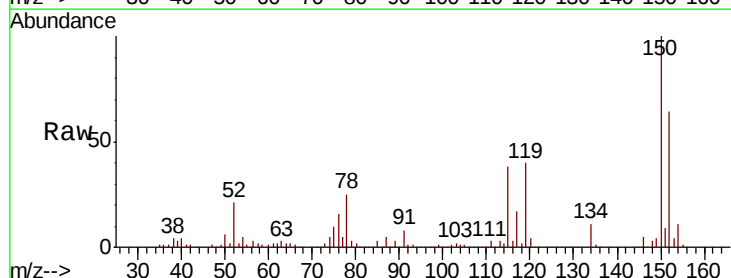
Tgt Ion:152 Resp: 145346

Ion Ratio Lower Upper

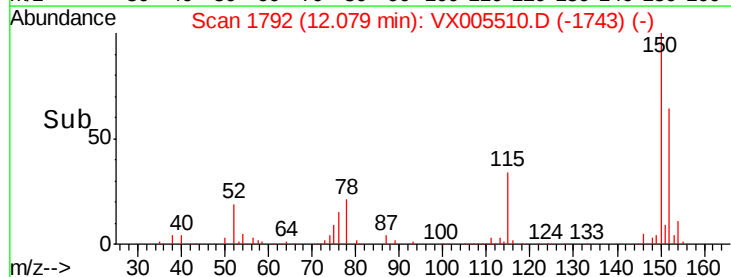
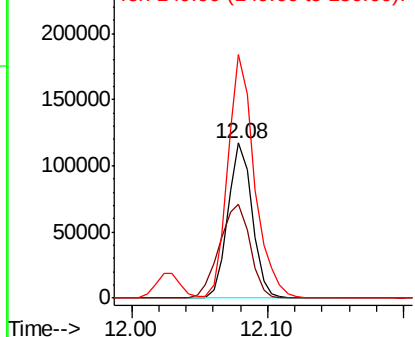
152 100

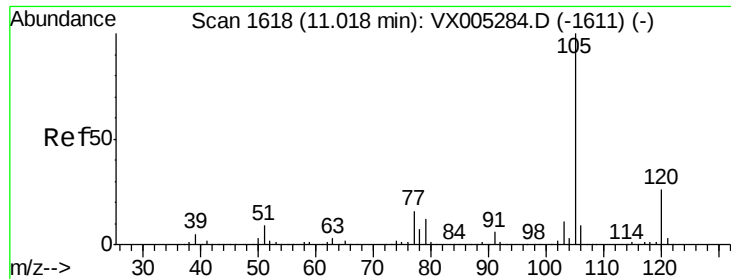
115 77.0 39.0 117.0

150 172.7 0.0 351.0



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: 52.982 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005510.D

Acq: 23 Oct 2018 09:53

Instrument :

MSVOA_X

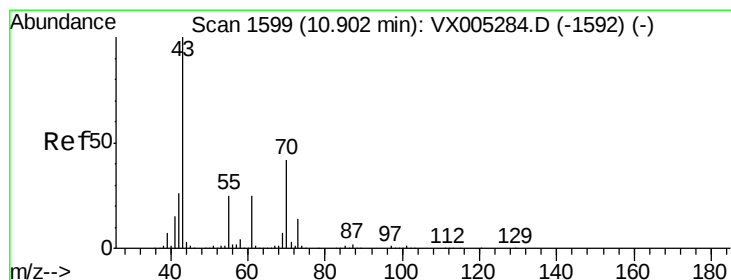
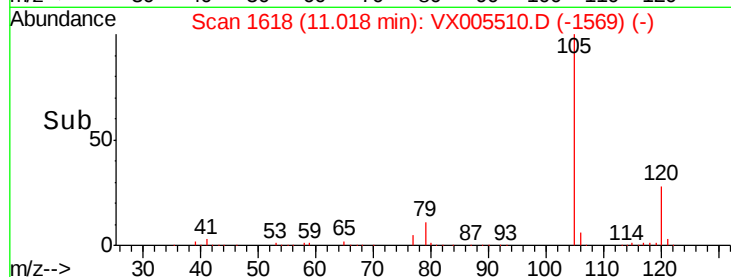
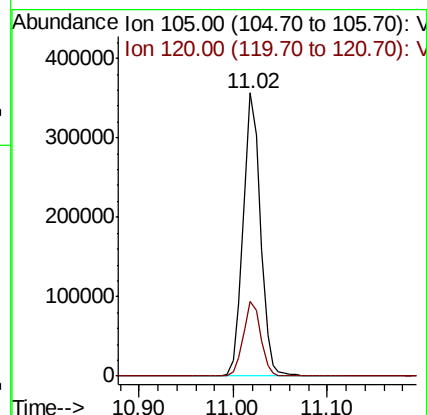
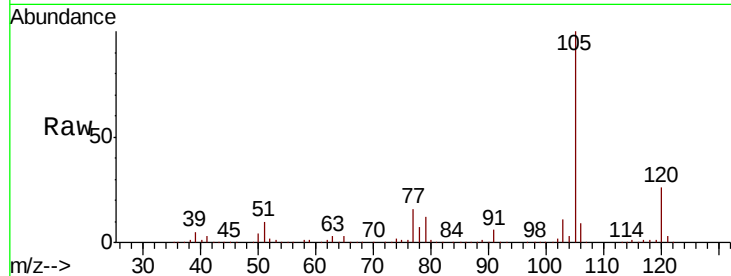
ClientSampleId :

Tot Ion:105 Resp: 457782

Ion Ratio Lower Upper

105 100

120 26.4 13.5 40.4



#74

N-ethyl acetate

Concen: 49.876 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VX005510.D

Acq: 23 Oct 2018 09:53

Tgt Ion: 43 Resp: 207855

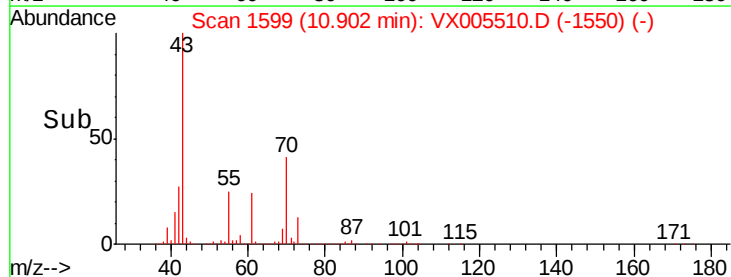
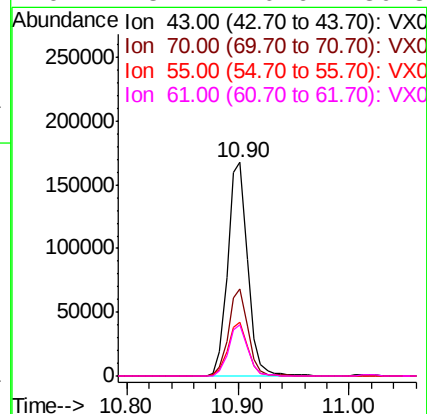
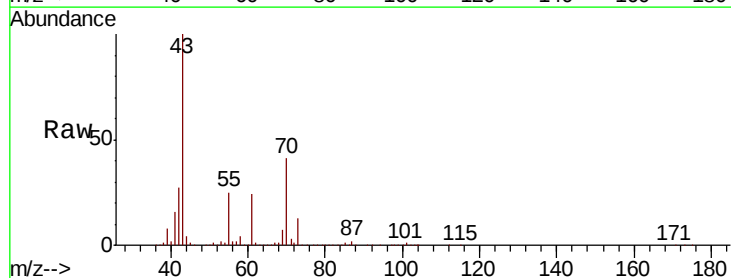
Ion Ratio Lower Upper

43 100

70 39.8 37.4 56.0

55 25.1 21.8 32.8

61 23.2 20.6 30.8





#75

1,1,2,2-Tetrachloroethane

Concen: 54.054 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005510.D

Acq: 23 Oct 2018 09:53

Instrument :

MSVOA_X

ClientSampleId :

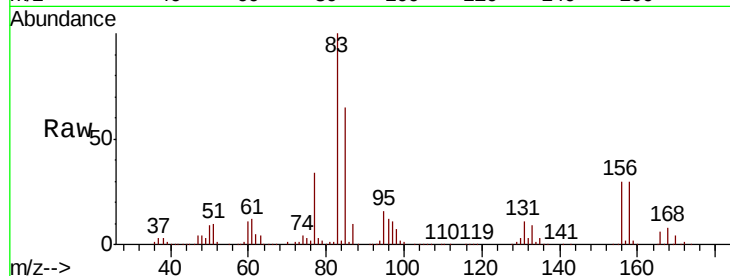
Tot Ion: 83 Resp: 176185

Ion Ratio Lower Upper

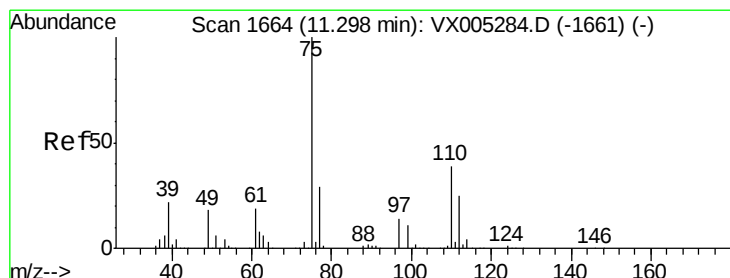
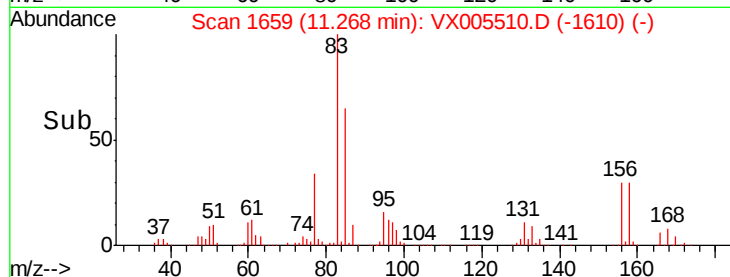
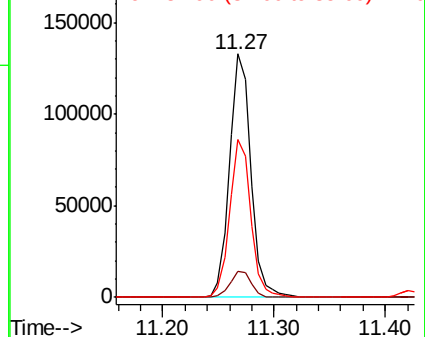
83 100

131 10.7 5.2 15.6

85 64.2 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 67.648 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX005510.D

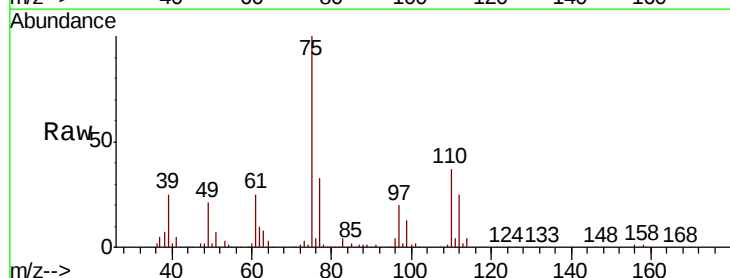
Acq: 23 Oct 2018 09:53

Tgt Ion: 75 Resp: 190721

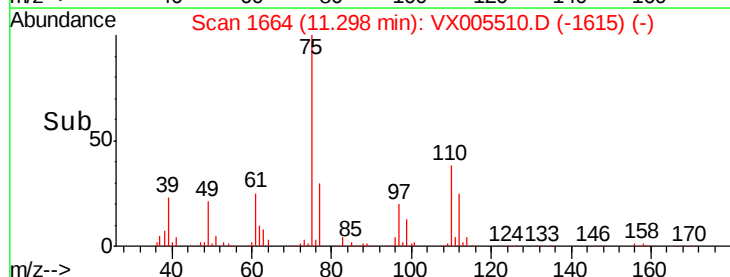
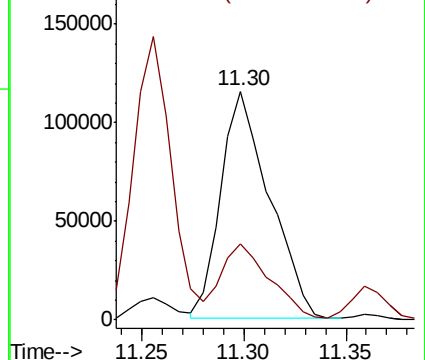
Ion Ratio Lower Upper

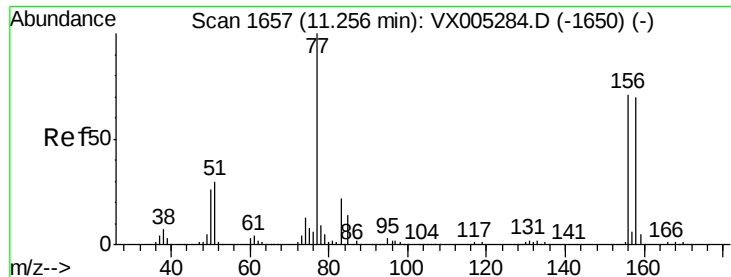
75 100

77 33.6 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 51.755 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005510.D

Acq: 23 Oct 2018 09:53

Instrument :

MSVOA_X

ClientSampleId :

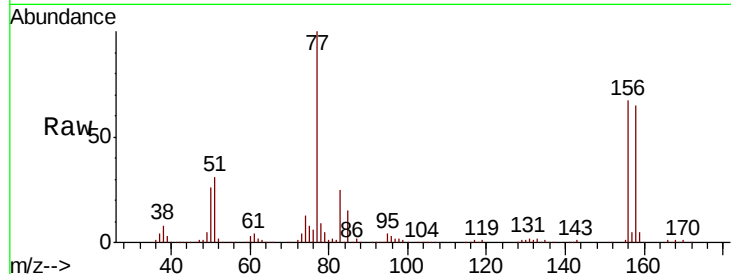
Tot Ion:156 Resp: 127862

Ion Ratio Lower Upper

156 100

77 146.4 71.5 214.3

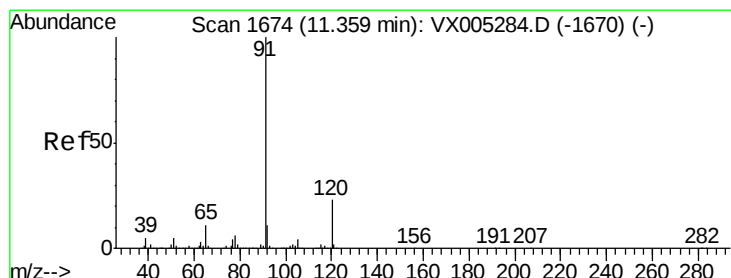
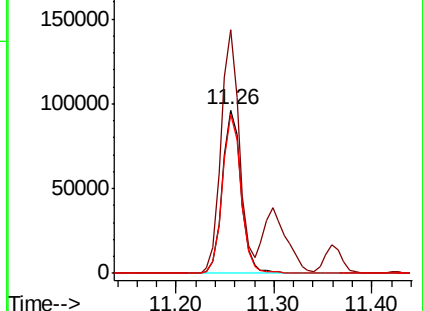
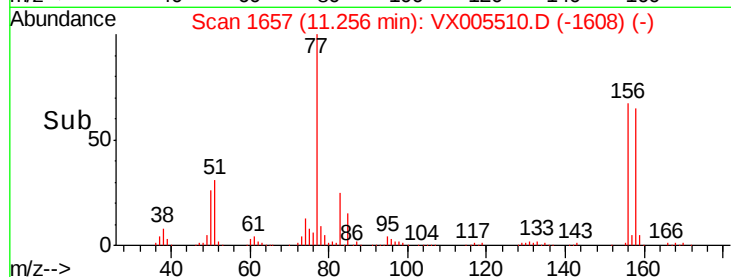
158 97.4 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.680 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005510.D

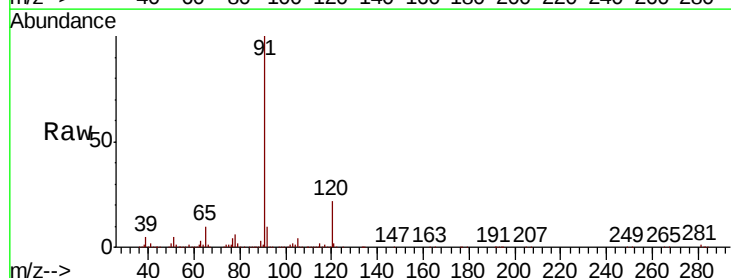
Acq: 23 Oct 2018 09:53

Tgt Ion: 91 Resp: 523789

Ion Ratio Lower Upper

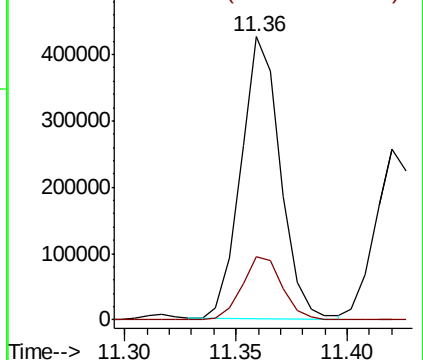
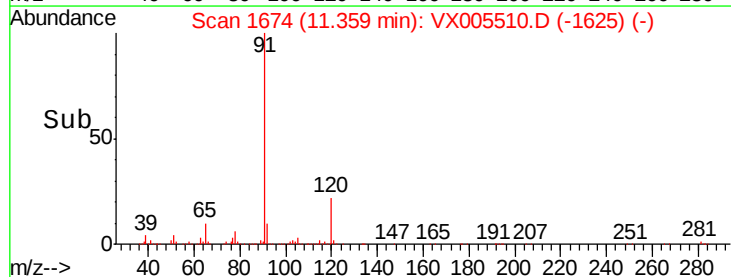
91 100

120 23.4 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

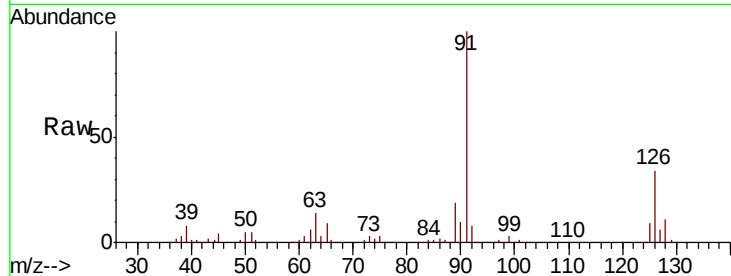




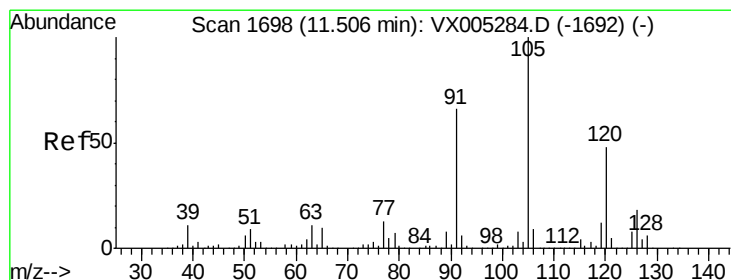
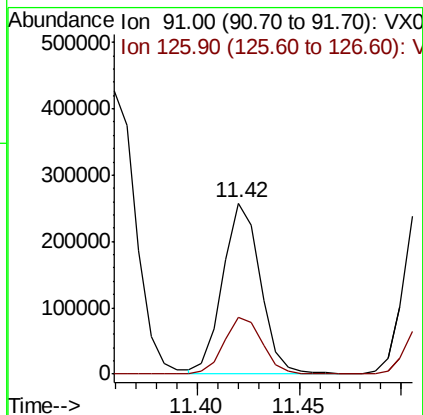
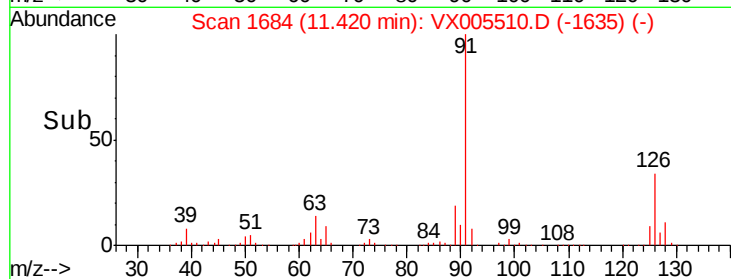
#79
 2-Chlorotoluene
 Concen: 53.230 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX005510.D
 Acq: 23 Oct 2018 09:53

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 91 Resp: 324138
 Ion Ratio Lower Upper
 91 100
 126 34.6 17.9 53.7

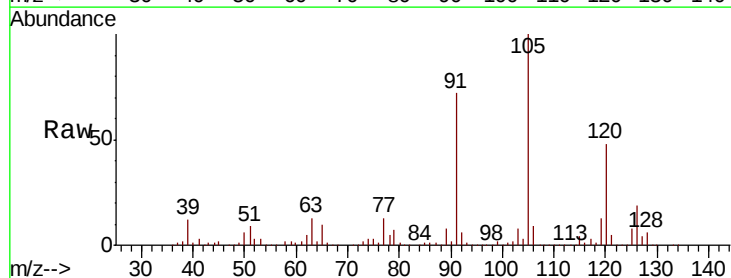


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

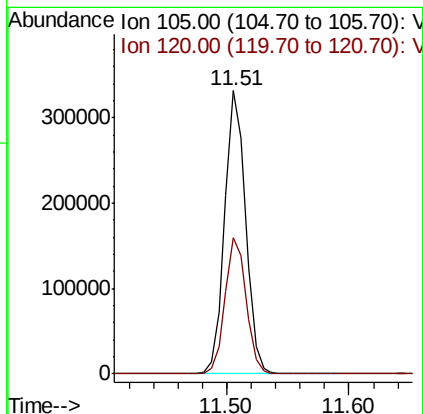
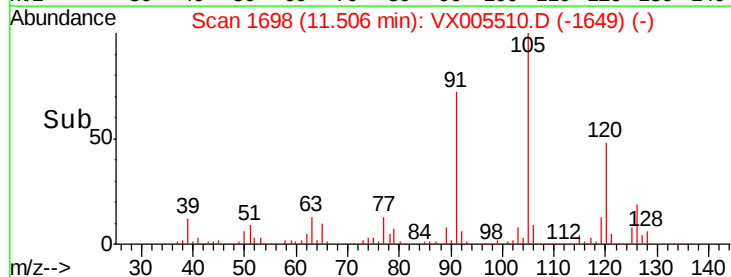


#80
 1,3,5-Trimethylbenzene
 Concen: 53.061 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX005510.D
 Acq: 23 Oct 2018 09:53

Tgt Ion:105 Resp: 392603
 Ion Ratio Lower Upper
 105 100
 120 48.5 25.6 76.8



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 46.264 ug/l

RT: 11.08 min Scan# 1628

Delta R.T. 0.01 min

Lab File: VX005510.D

Acq: 23 Oct 2018 09:53

Instrument :

MSVOA_X

ClientSampleId :

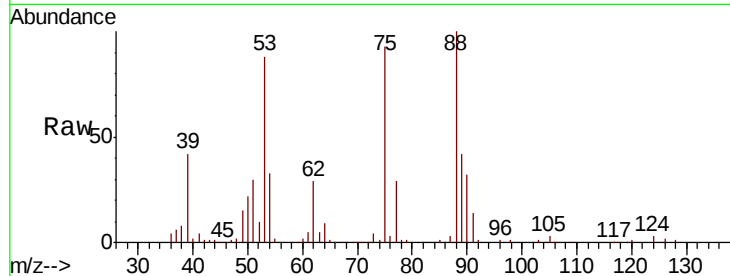
Tot Ion: 75 Resp: 42927

Ion Ratio Lower Upper

75 100

53 101.1 80.1 120.1

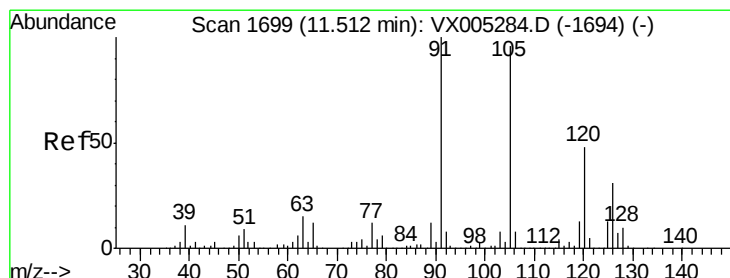
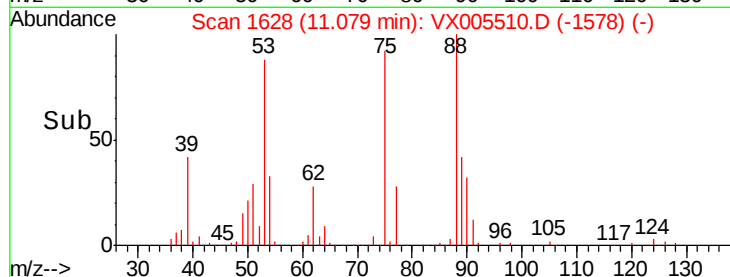
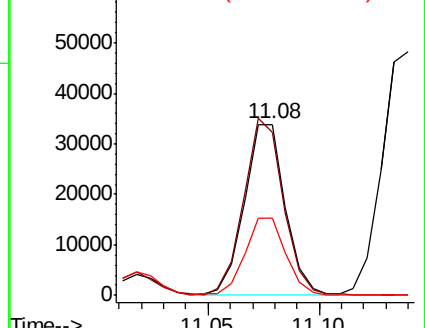
89 45.9 37.2 55.8



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: 52.769 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005510.D

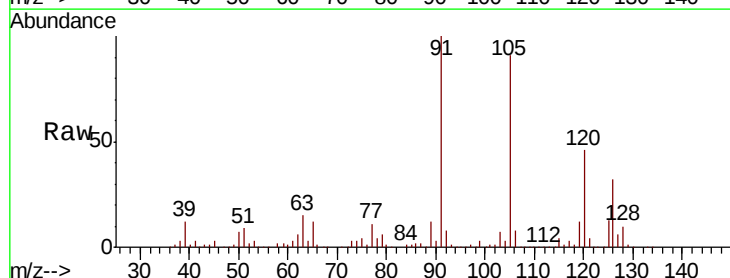
Acq: 23 Oct 2018 09:53

Tgt Ion: 91 Resp: 380912

Ion Ratio Lower Upper

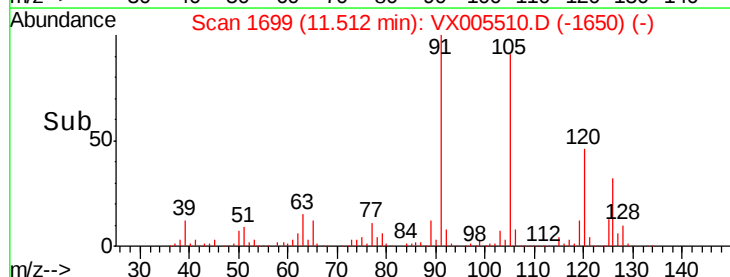
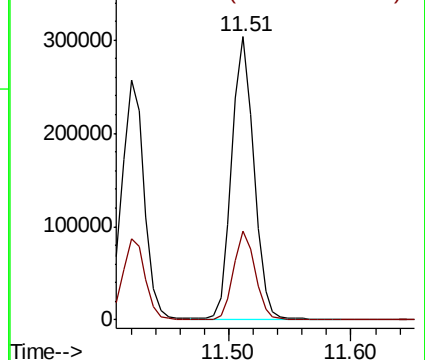
91 100

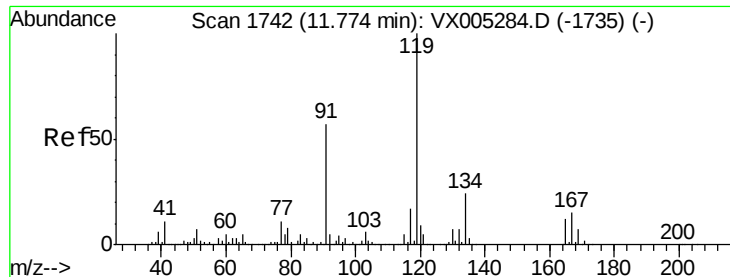
126 30.7 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

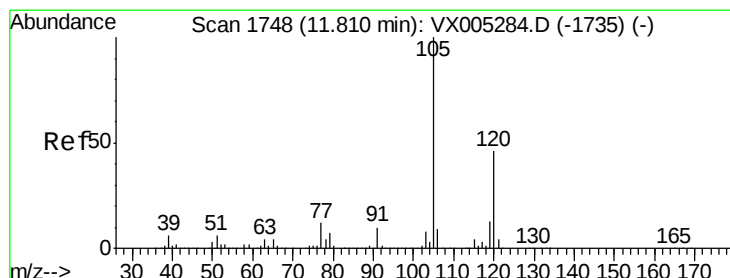
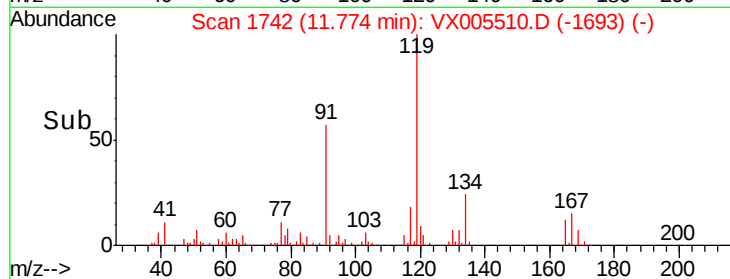
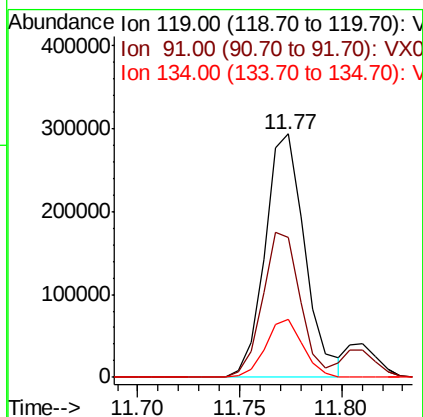
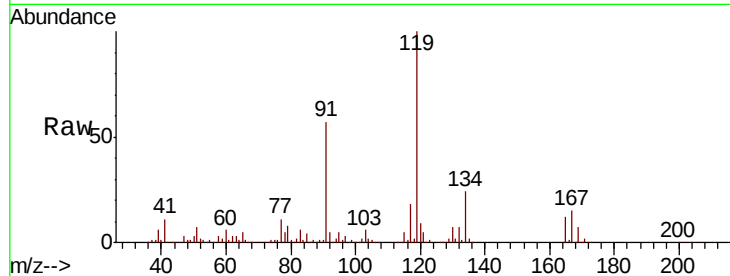




#83
 tert-Butylbenzene
 Concen: 53.256 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX005510.D
 Acq: 23 Oct 2018 09:53

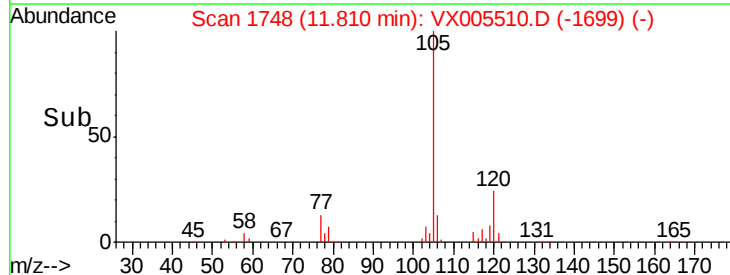
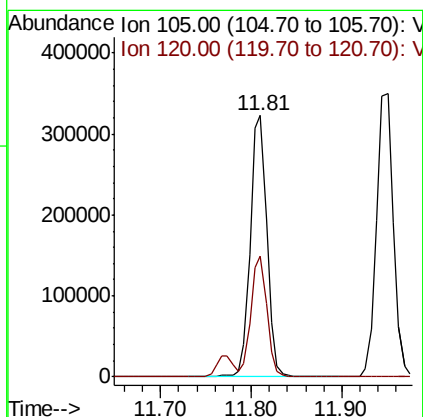
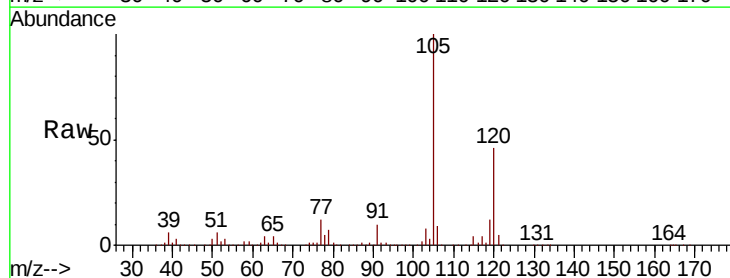
Instrument :
 MSVOA_X
 ClientSampleId :

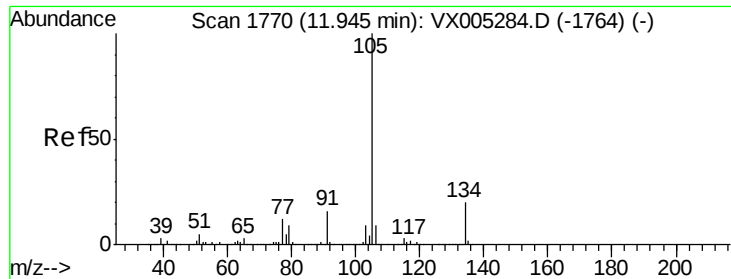
Tot Ion	Ratio	Lower	Upper
119	100		
91	56.2	27.0	81.0
134	22.5	11.7	35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 53.710 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX005510.D
 Acq: 23 Oct 2018 09:53

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.7	23.2	69.6





#85

sec-Butylbenzene

Concen: 50.953 ug/l

RT: 11.95 min Scan# 1771

Delta R.T. 0.01 min

Lab File: VX005510.D

Acq: 23 Oct 2018 09:53

Instrument :

MSVOA_X

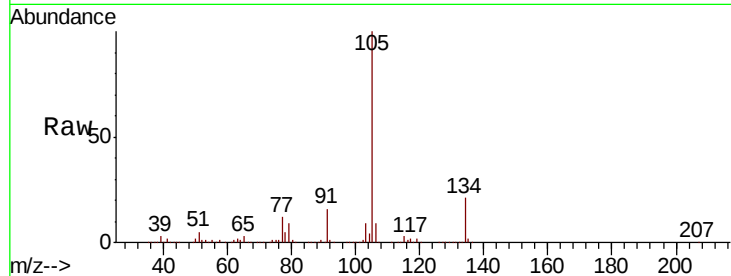
ClientSampleId :

Tot Ion:105 Resp: 451803

Ion Ratio Lower Upper

105 100

134 20.4 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.95

400000

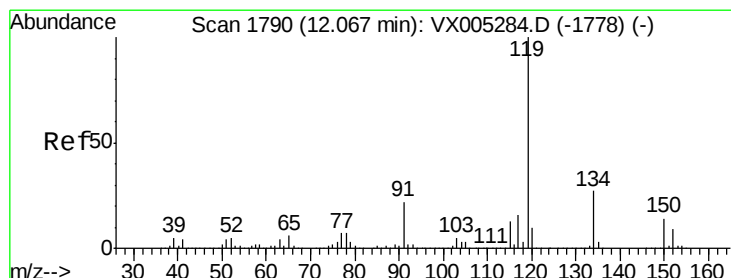
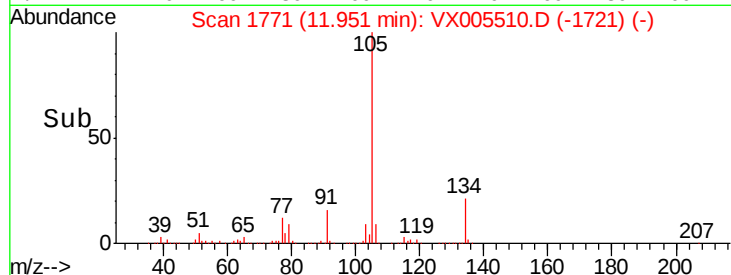
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 50.460 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005510.D

Acq: 23 Oct 2018 09:53

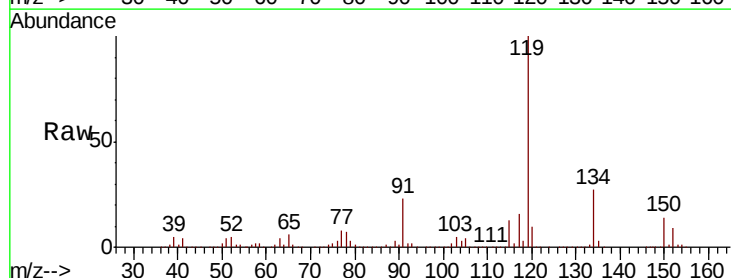
Tgt Ion:119 Resp: 404409

Ion Ratio Lower Upper

119 100

134 26.4 13.4 40.2

91 23.2 10.9 32.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.07

400000

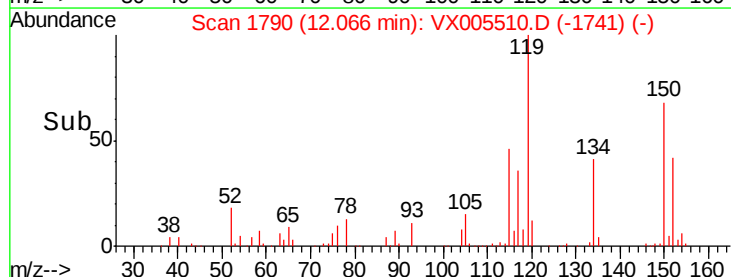
300000

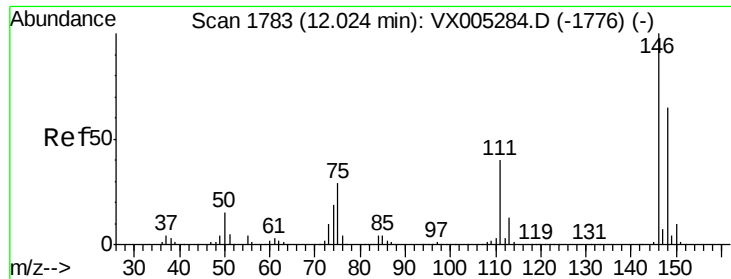
200000

100000

0

Time-->

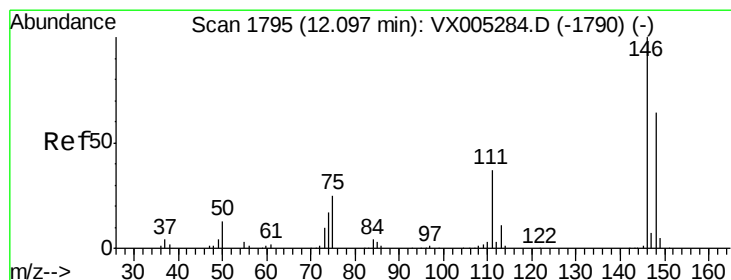
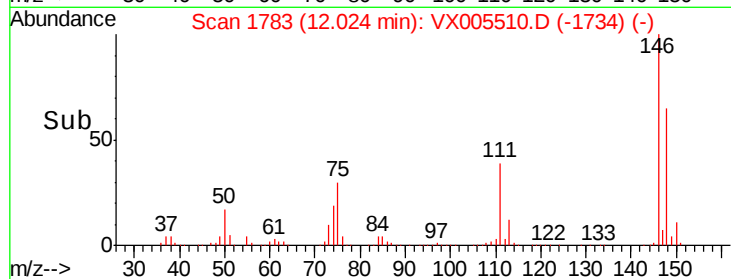
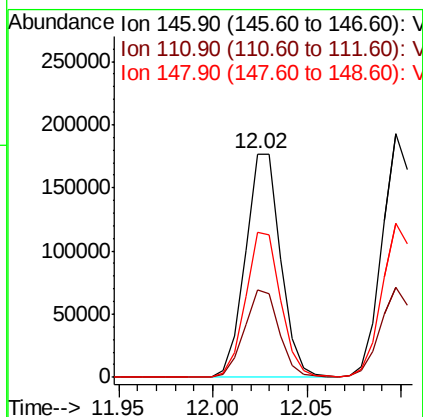
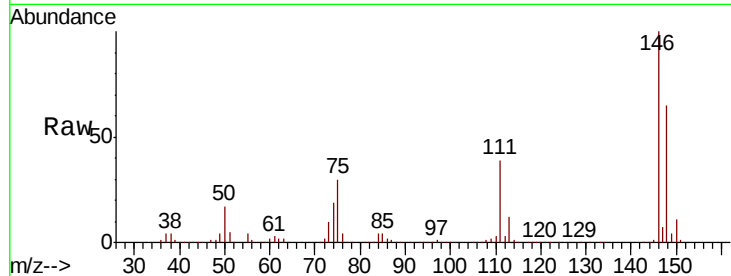




#87
 1,3-Dichlorobenzene
 Concen: 49.937 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX005510.D
 Acq: 23 Oct 2018 09:53

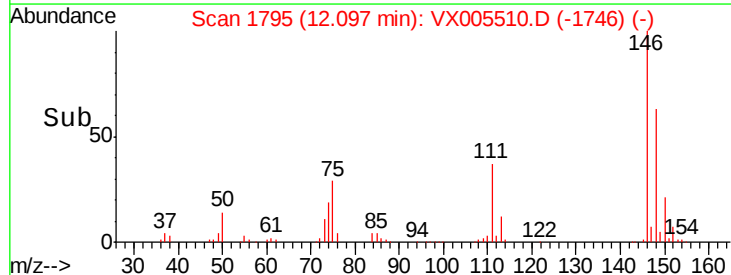
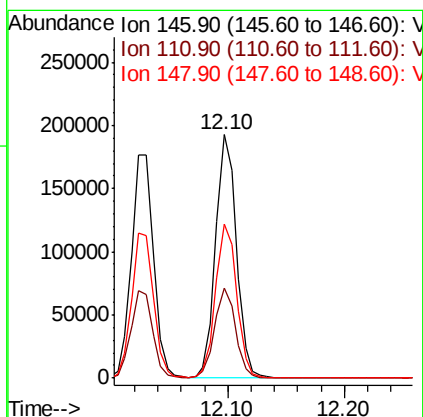
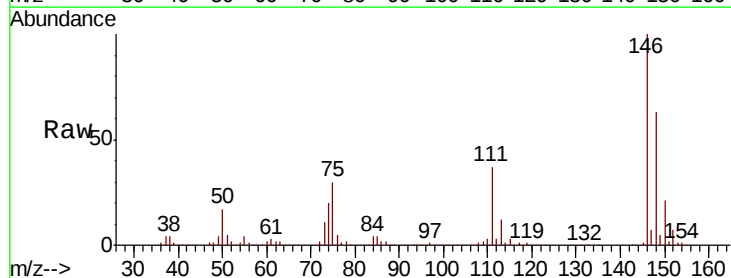
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:146 Resp: 230534
 Ion Ratio Lower Upper
 146 100
 111 38.5 18.7 56.1
 148 64.4 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 49.987 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005510.D
 Acq: 23 Oct 2018 09:53

Tgt Ion:146 Resp: 236074
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.1 54.1
 148 64.5 32.0 96.0

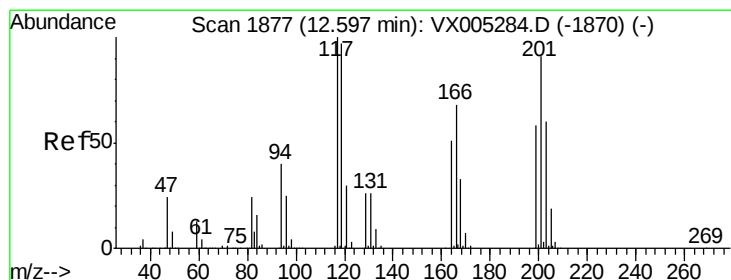
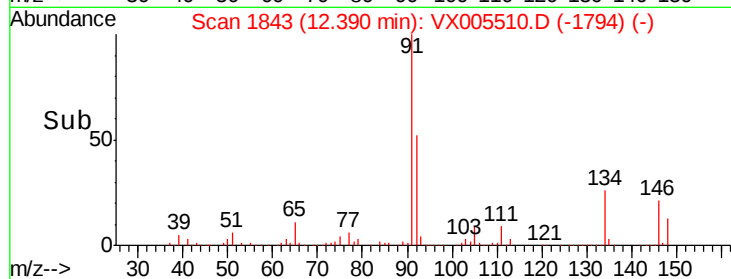
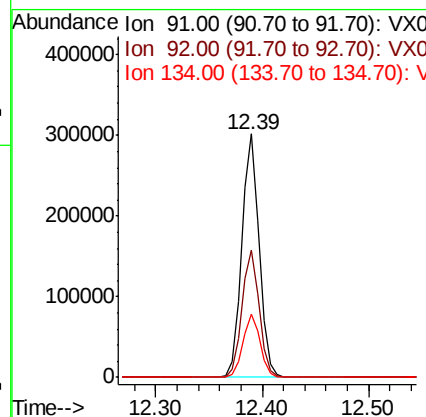
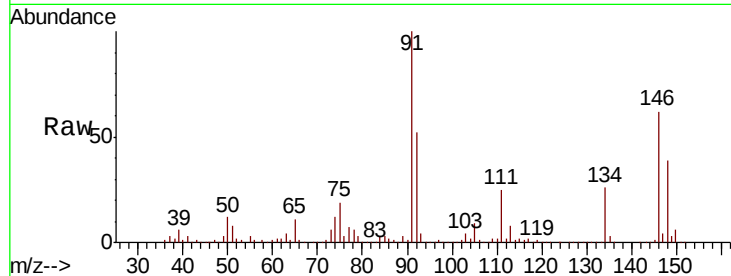




#89
n-Butylbenzene
Concen: 47.314 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005510.D
Acq: 23 Oct 2018 09:53

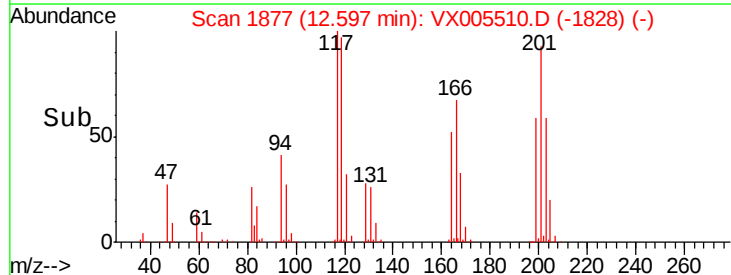
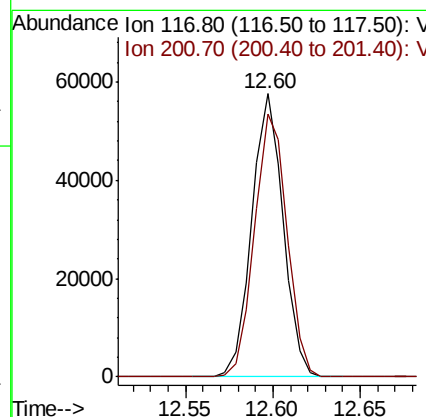
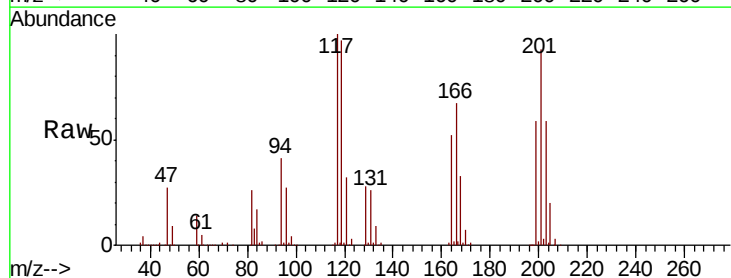
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 91 Resp: 344294
Ion Ratio Lower Upper
91 100
92 52.0 27.3 81.9
134 26.0 13.6 40.7



#90
Hexachloroethane
Concen: 51.881 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005510.D
Acq: 23 Oct 2018 09:53

Tgt Ion: 117 Resp: 71659
Ion Ratio Lower Upper
117 100
201 96.5 46.9 140.6





#91

1,2-Dichlorobenzene

Concen: 51.255 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX005510.D

Acq: 23 Oct 2018 09:53

Instrument :

MSVOA_X

ClientSampled :

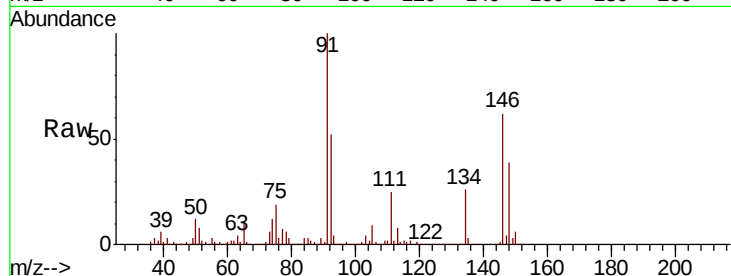
Tot Ion:146 Resp: 241462

Ion Ratio Lower Upper

146 100

111 39.7 19.4 58.1

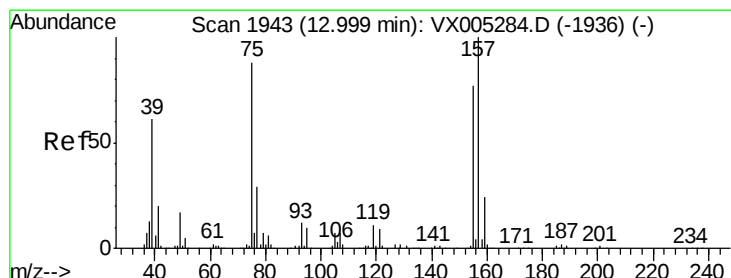
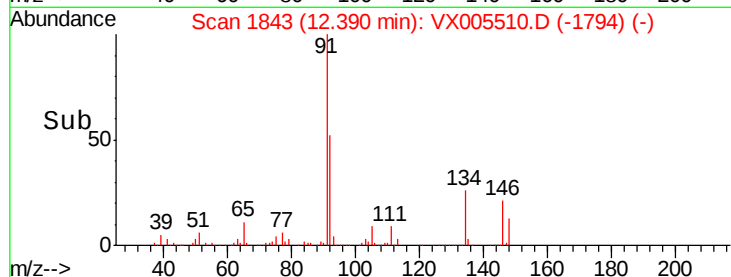
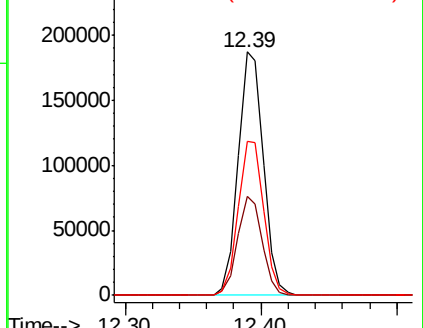
148 64.0 32.8 98.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.733 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX005510.D

Acq: 23 Oct 2018 09:53

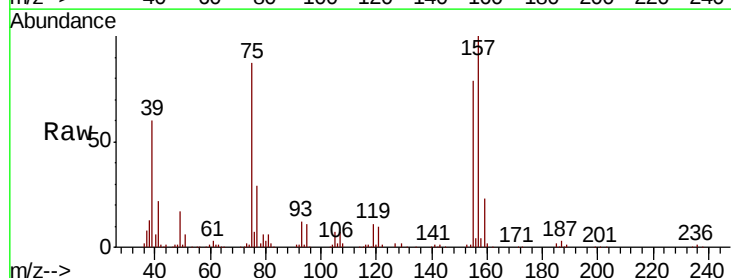
Tgt Ion: 75 Resp: 41926

Ion Ratio Lower Upper

75 100

155 92.4 48.0 144.2

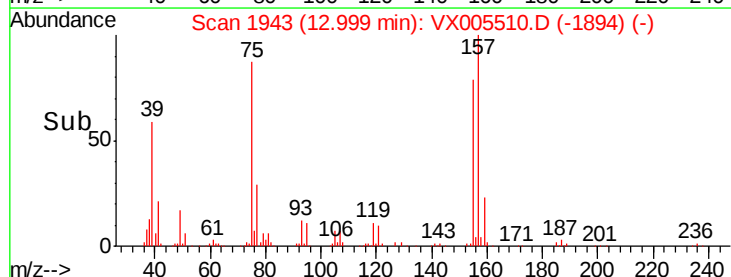
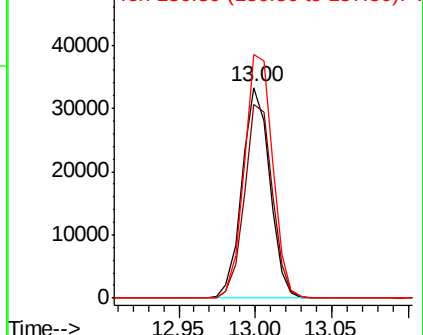
157 118.2 61.4 184.1

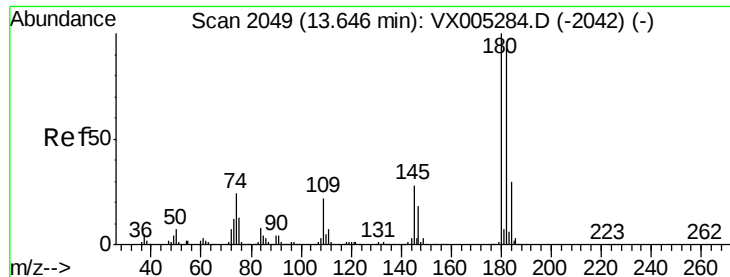


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

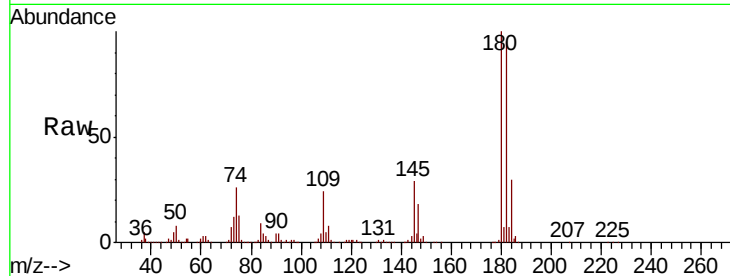




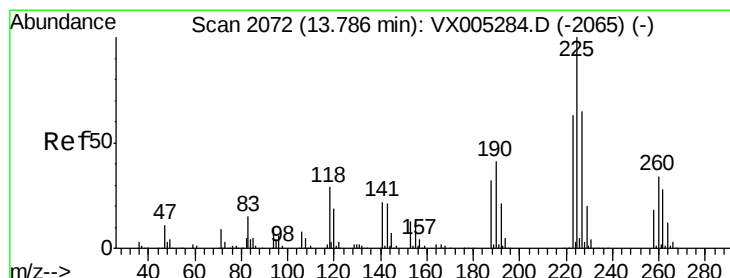
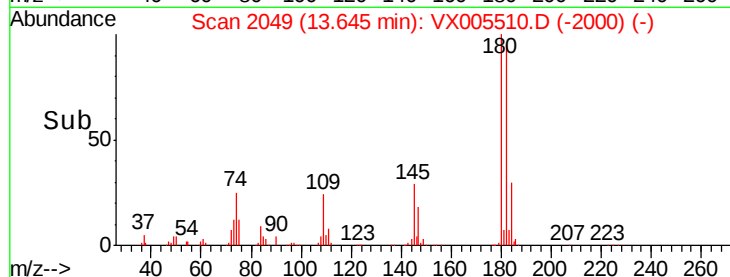
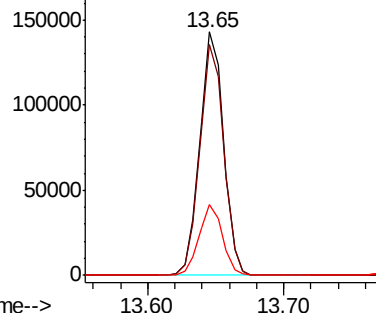
#93
 1,2,4-Trichlorobenzene
 Concen: 50.203 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005510.D
 Acq: 23 Oct 2018 09:53

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 173516
 Ion Ratio Lower Upper
 180 100
 182 95.2 48.4 145.0
 145 28.5 14.3 42.9

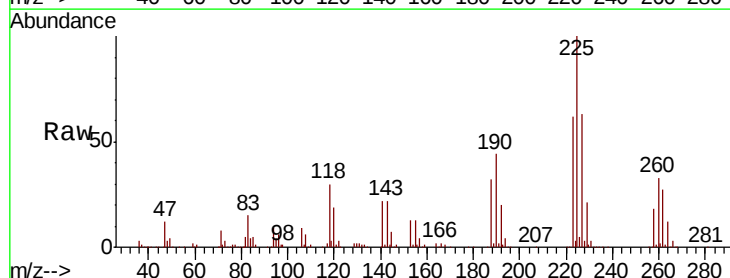


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

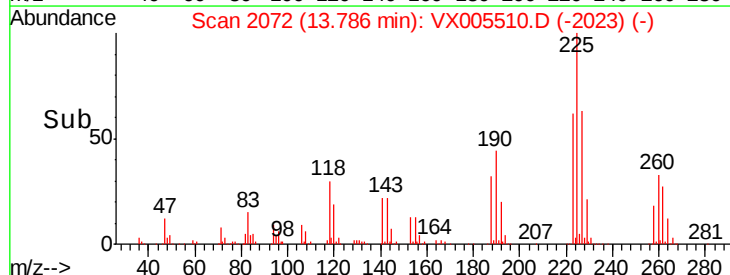
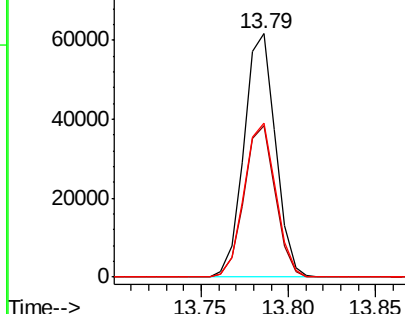


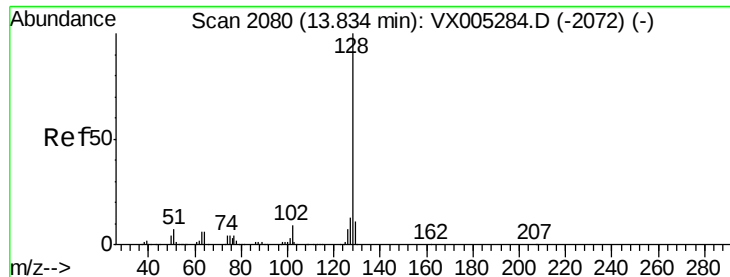
#94
 Hexachlorobutadiene
 Concen: 42.146 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX005510.D
 Acq: 23 Oct 2018 09:53

Tgt Ion:225 Resp: 76935
 Ion Ratio Lower Upper
 225 100
 223 61.4 30.1 90.5
 227 63.7 30.8 92.4



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

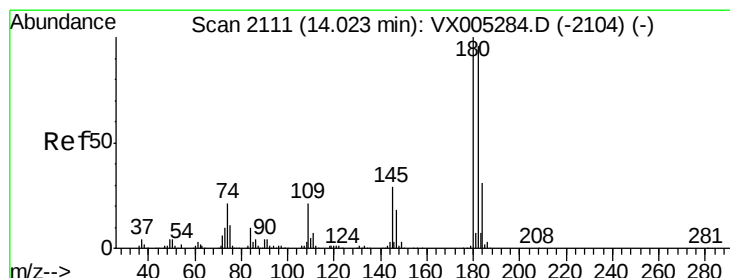
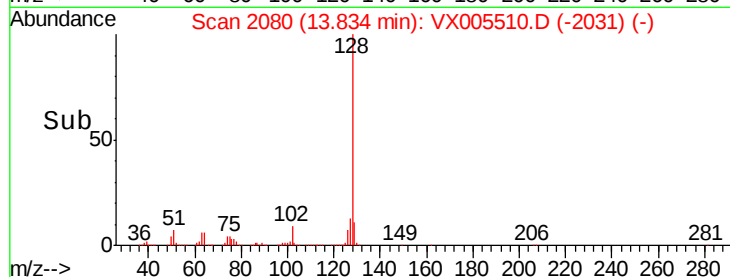
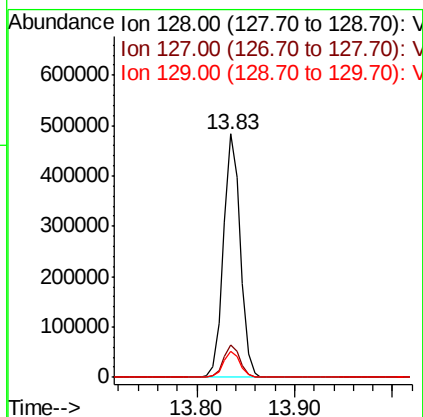
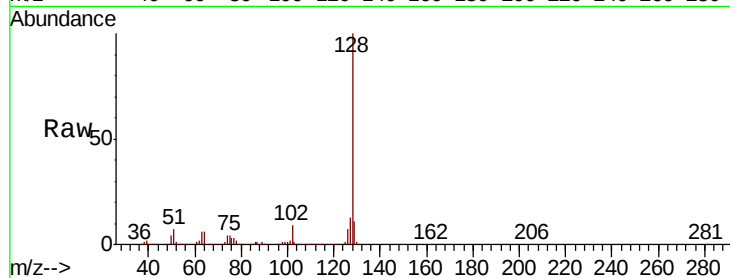




#95
Naphthalene
Concen: 57.344 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005510.D
Acq: 23 Oct 2018 09:53

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 574804
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 10.9 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 51.429 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX005510.D
Acq: 23 Oct 2018 09:53

Tgt Ion:180 Resp: 181877
Ion Ratio Lower Upper
180 100
182 96.4 48.5 145.6
145 30.4 14.9 44.9

