

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX103118\
 Data File : VX005717.D
 Acq On : 31 Oct 2018 20:22
 Operator : JC/MD
 Sample : VX1031MBS01
 Misc : 5.00µl/100µl/5.00mL/MSVOA_X/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 31 23:00:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 18:23:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	129838	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	219983	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	183719	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	92318	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	94069	49.56	ug/l	0.00
Spiked Amount			Recovery	=	99.12%	
35) Dibromofluoromethane	5.50	113	73139	48.02	ug/l	0.00
Spiked Amount			Recovery	=	96.04%	
50) Toluene-d8	8.71	98	261312	48.91	ug/l	0.00
Spiked Amount			Recovery	=	97.82%	
62) 4-Bromofluorobenzene	11.14	95	95085	48.23	ug/l	0.00
Spiked Amount			Recovery	=	96.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	33749	22.501	ug/l	94
3) Chloromethane	1.32	50	36185	20.453	ug/l	97
4) Vinyl Chloride	1.40	62	38095	20.696	ug/l	98
5) Bromomethane	1.64	94	32599	14.273	ug/l	97
6) Chloroethane	1.72	64	23180	21.477	ug/l	95
7) Trichlorofluoromethane	1.93	101	48712	20.618	ug/l	96
8) Diethyl Ether	2.19	74	22124	20.833	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.38	101	29385	20.476	ug/l	92
10) Methyl Iodide	2.51	142	22942	17.727	ug/l	99
11) Tert butyl alcohol	3.07	59	52244	101.344	ug/l	100
12) 1,1-Dichloroethene	2.37	96	27773	19.860	ug/l	83
13) Acrolein	2.29	56	36455	106.202	ug/l	99
14) Allyl chloride	2.73	41	54563	18.869	ug/l	# 93
15) Acrylonitrile	3.15	53	111831	98.651	ug/l	99
16) Acetone	2.45	43	96937	93.480	ug/l	92
17) Carbon Disulfide	2.57	76	79000	18.384	ug/l	100
18) Methyl Acetate	2.78	43	51665	18.965	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	102536	21.182	ug/l	97
20) Methylene Chloride	2.85	84	32933	20.119	ug/l	92
21) trans-1,2-Dichloroethene	3.16	96	30103	20.344	ug/l	89
22) Diisopropyl ether	3.87	45	108671	20.259	ug/l	# 97
23) Vinyl Acetate	3.82	43	480144	102.768	ug/l	99
24) 1,1-Dichloroethane	3.70	63	59489	19.613	ug/l	99
25) 2-Butanone	4.70	43	157338	98.257	ug/l	98
26) 2,2-Dichloropropane	4.59	77	41620	18.356	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	33859	20.363	ug/l	94
28) Bromochloromethane	5.01	49	28863	19.505	ug/l	99
29) Tetrahydrofuran	5.15	42	96934	99.179	ug/l	91
30) Chloroform	5.21	83	60225	20.309	ug/l	95
31) Cyclohexane	5.58	56	52661	20.762	ug/l	92
32) 1,1,1-Trichloroethane	5.50	97	48803	20.563	ug/l	97
36) 1,1-Dichloropropene	5.81	75	44734	19.086	ug/l	96
37) Ethyl Acetate	4.85	43	55931	18.705	ug/l	97
38) Carbon Tetrachloride	5.78	117	40603	19.175	ug/l	89

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Instrument :
 MSVOA_X
 ClientSampleId :

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 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 18:23:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	45388	18.569	ug/l	94
40) Benzene	6.14	78	136752	19.613	ug/l	99
41) Methacrylonitrile	5.06	41	30845	19.092	ug/l	94
42) 1,2-Dichloroethane	6.20	62	48933	18.986	ug/l	98
43) Isopropyl Acetate	6.46	43	83499	19.240	ug/l	97
44) Trichloroethene	7.21	130	30189	18.720	ug/l	93
45) 1,2-Dichloropropane	7.52	63	34083	19.074	ug/l	100
46) Dibromomethane	7.66	93	21060	18.442	ug/l	89
47) Bromodichloromethane	7.90	83	39322	18.358	ug/l	99
48) Methyl methacrylate	7.77	41	39619	18.862	ug/l	94
49) 1,4-Dioxane	7.75	88	18257	390.328	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	278739	94.193	ug/l	97
52) Toluene	8.79	92	74035	19.630	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	42871	18.468	ug/l	97
54) cis-1,3-Dichloropropene	8.44	75	48108	19.343	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	31468	19.213	ug/l	97
56) Ethyl methacrylate	9.18	69	48049	18.899	ug/l	97
57) 1,3-Dichloropropane	9.37	76	53553	19.034	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	145782	98.840	ug/l	95
59) 2-Hexanone	9.49	43	218760	90.838	ug/l	96
60) Dibromochloromethane	9.59	129	28826	18.213	ug/l	100
61) 1,2-Dibromoethane	9.67	107	32051	19.204	ug/l	98
64) Tetrachloroethene	9.34	164	28316	21.096	ug/l	94
65) Chlorobenzene	10.14	112	81172	20.792	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	27108	20.283	ug/l	96
67) Ethyl Benzene	10.25	91	141717	21.270	ug/l	99
68) m/p-Xylenes	10.36	106	106649	43.076	ug/l	96
69) o-Xylene	10.70	106	50971	21.525	ug/l	96
70) Styrene	10.71	104	85404	21.715	ug/l	98
71) Bromoform	10.86	173	20849	19.254	ug/l #	99
73) Isopropylbenzene	11.02	105	141823	23.286	ug/l	98
74) N-amyl acetate	10.90	43	68696	21.185	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	52435	20.751	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	60734	26.414	ug/l	85
77) Bromobenzene	11.26	156	33539	22.199	ug/l	89
78) n-propylbenzene	11.36	91	167637	22.625	ug/l	96
79) 2-Chlorotoluene	11.42	91	99583	22.503	ug/l	95
80) 1,3,5-Trimethylbenzene	11.51	105	117647	22.749	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	13982	19.647	ug/l	91
82) 4-Chlorotoluene	11.51	91	115753	21.910	ug/l	97
83) tert-Butylbenzene	11.77	119	111206	22.537	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	121414	23.250	ug/l	98
85) sec-Butylbenzene	11.94	105	141919	22.422	ug/l	97
86) p-Isopropyltoluene	12.07	119	119828	22.260	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	62130	21.268	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	64048	20.408	ug/l	97
89) n-Butylbenzene	12.39	91	114481	21.078	ug/l	98
90) Hexachloroethane	12.60	117	19410	20.323	ug/l	83
91) 1,2-Dichlorobenzene	12.39	146	63198	20.707	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	12219	20.618	ug/l	89

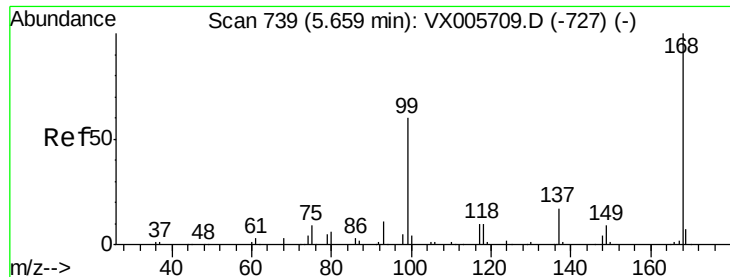
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Quant Title : SW846 8260
QLast Update : Wed Oct 31 18:23:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	42194	21.556	ug/l	98
94) Hexachlorobutadiene	13.79	225	18954	20.015	ug/l	99
95) Naphthalene	13.83	128	150494	23.378	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	43838	21.998	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005717.D

Acq: 31 Oct 2018 20:22

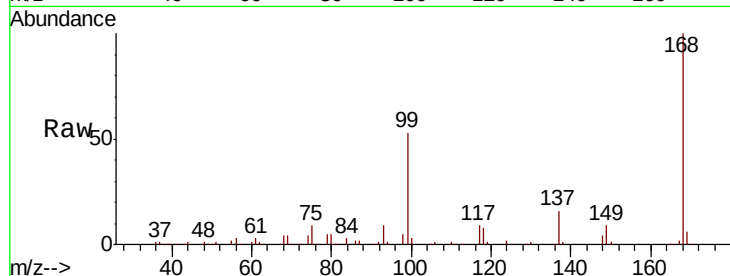
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:168 Resp: 129838

Ion Ratio Lower Upper

168 100

99 53.3 40.7 61.1

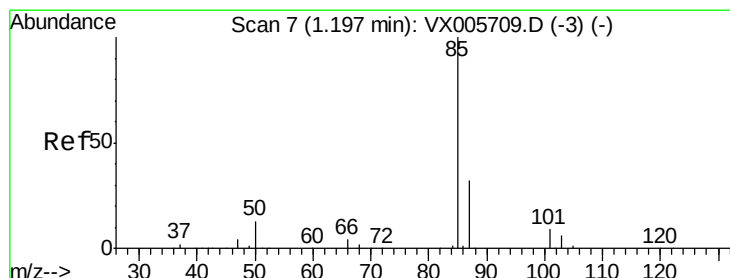
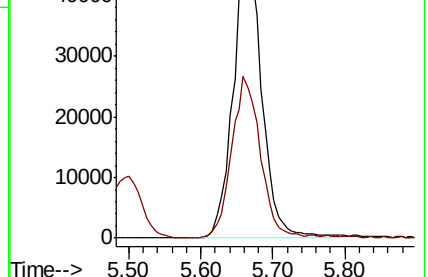
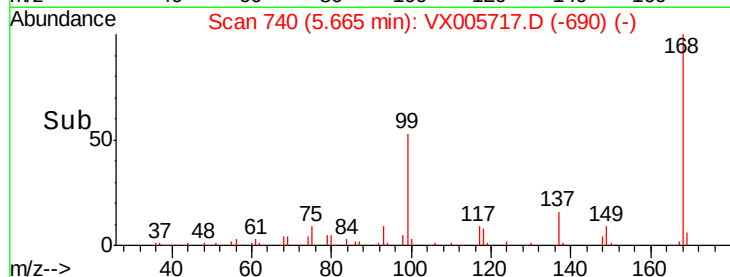


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

Time-->



#2

Dichlorodifluoromethane

Concen: 22.501 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX005717.D

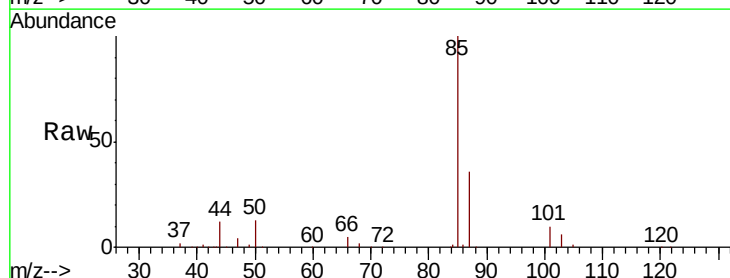
Acq: 31 Oct 2018 20:22

Tgt Ion: 85 Resp: 33749

Ion Ratio Lower Upper

85 100

87 36.1 16.3 48.9

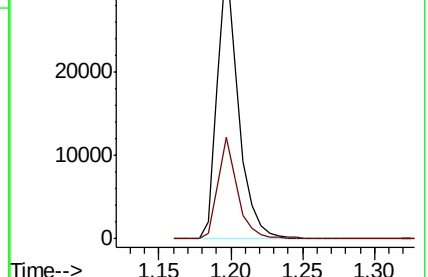
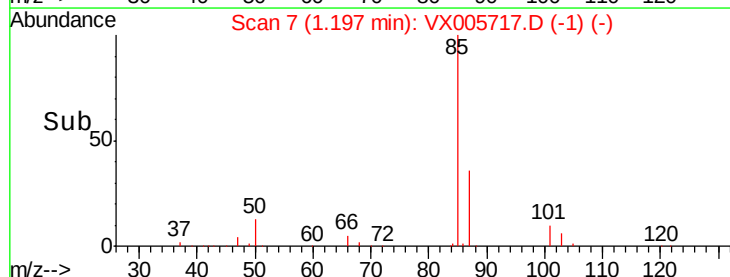


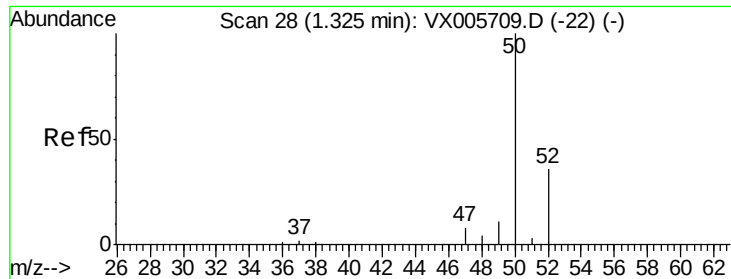
Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

Time-->

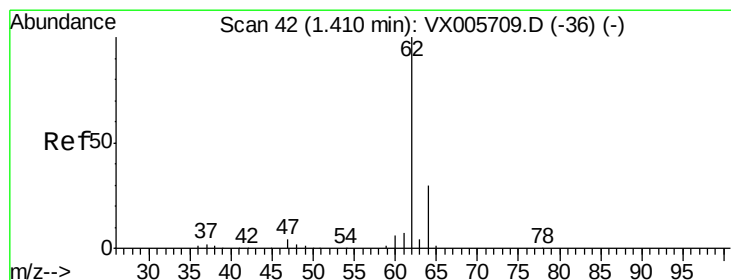
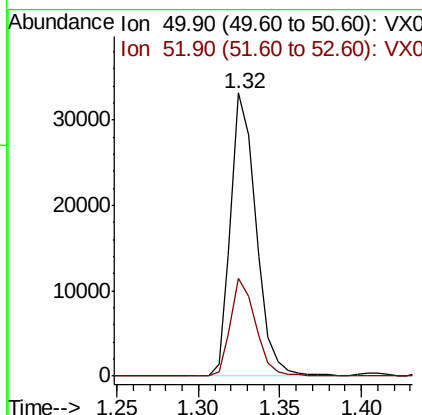
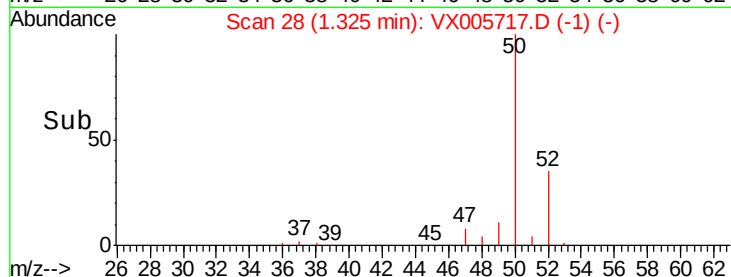
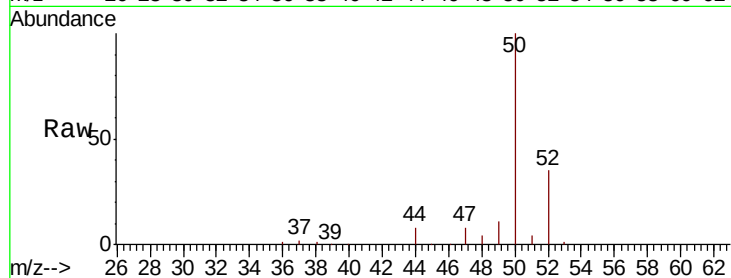




#3
Chloromethane
Concen: 20.453 ug/l
RT: 1.32 min Scan# 28
Delta R.T. 0.00 min
Lab File: VX005717.D
Acq: 31 Oct 2018 20:22

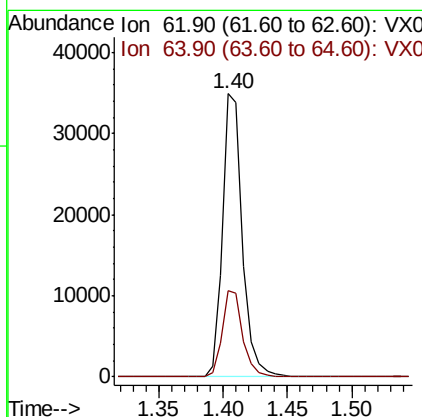
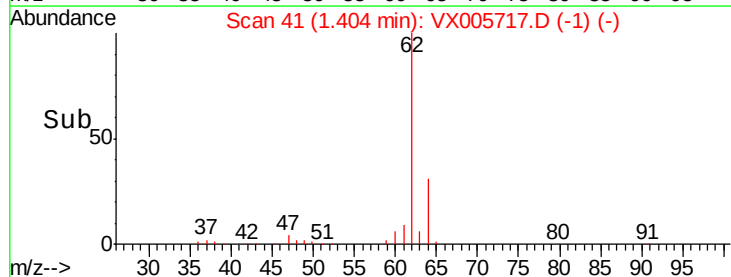
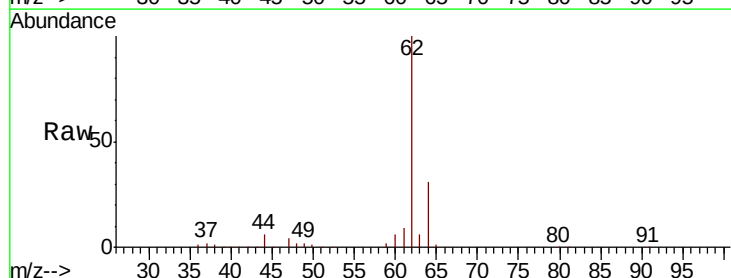
Instrument :
MSVOA_X
ClientSampleId :

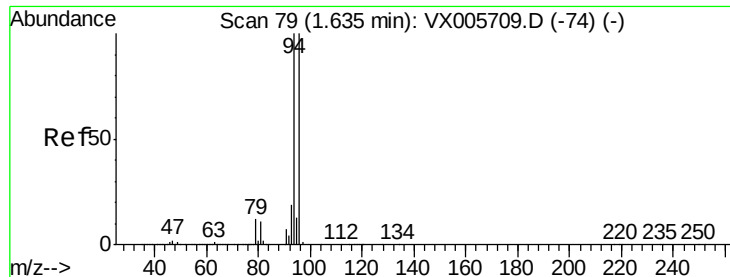
Tot Ion: 50 Resp: 36185
Ion Ratio Lower Upper
50 100
52 34.5 26.2 39.2



#4
Vinyl Chloride
Concen: 20.696 ug/l
RT: 1.40 min Scan# 41
Delta R.T. -0.01 min
Lab File: VX005717.D
Acq: 31 Oct 2018 20:22

Tgt Ion: 62 Resp: 38095
Ion Ratio Lower Upper
62 100
64 30.7 25.3 37.9





#5

Bromomethane

Concen: 14.273 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005717.D

Acq: 31 Oct 2018 20:22

Instrument :

MSVOA_X

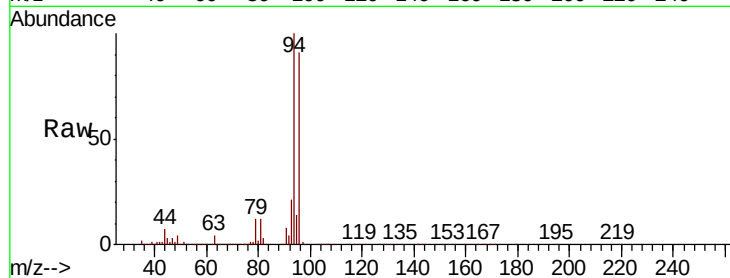
ClientSampleId :

Tot Ion: 94 Resp: 32599

Ion Ratio Lower Upper

94 100

96 91.3 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

40000

30000

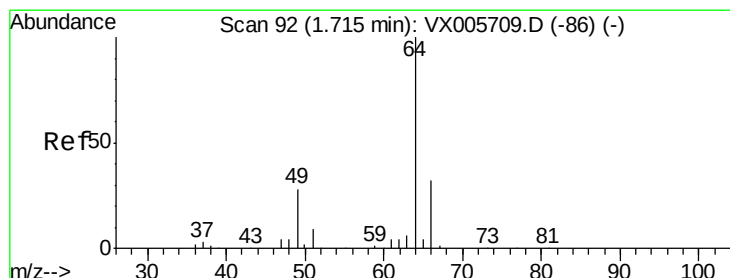
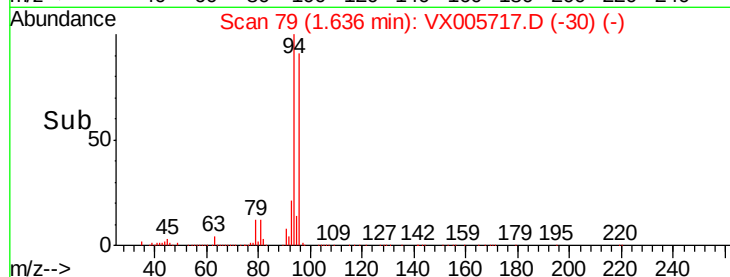
20000

10000

0

Time-->

1.60 1.70



#6

Chloroethane

Concen: 21.477 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX005717.D

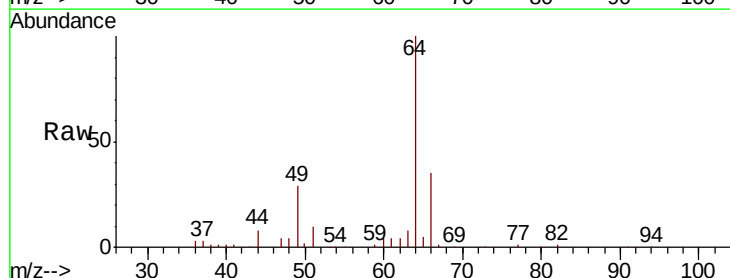
Acq: 31 Oct 2018 20:22

Tgt Ion: 64 Resp: 23180

Ion Ratio Lower Upper

64 100

66 34.7 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

15000

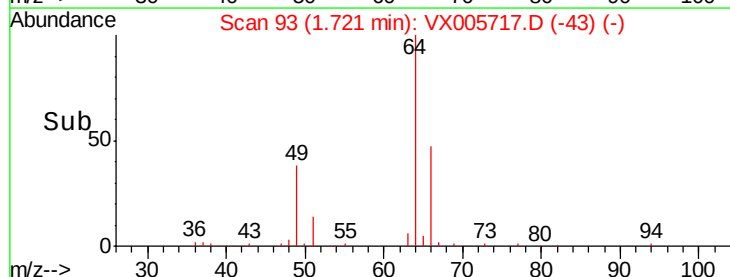
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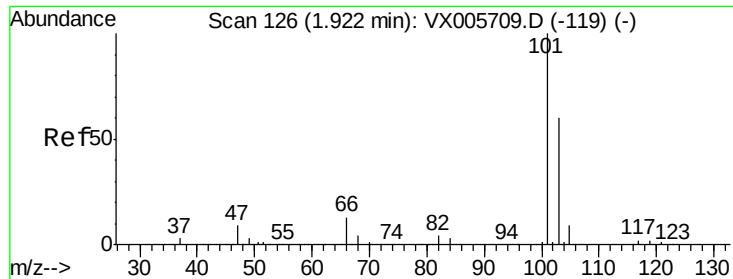
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0

Time-->

1.65 1.70 1.75 1.80 1.85



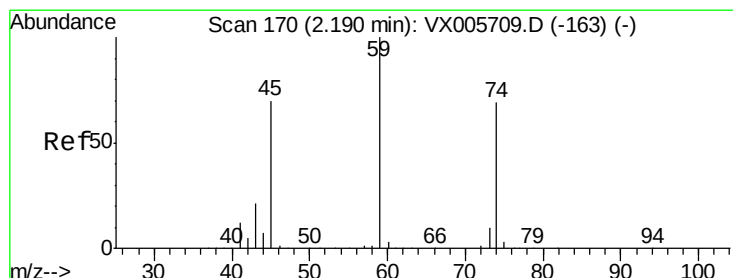
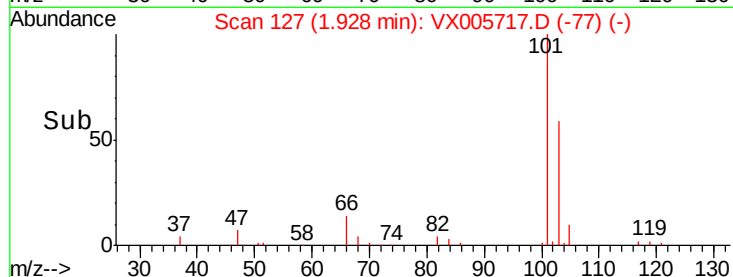
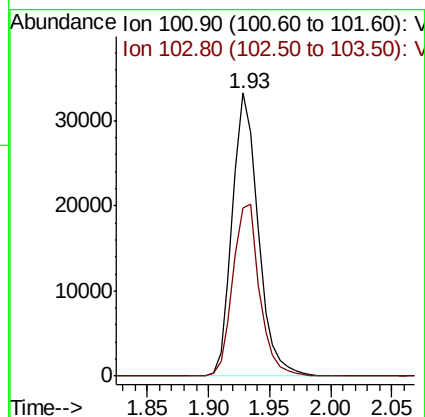
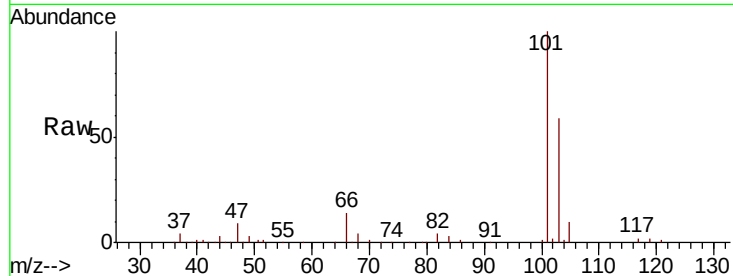


#7

Trichlorofluoromethane
Concen: 20.618 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX005717.D
Acq: 31 Oct 2018 20:22

Instrument :
MSVOA_X
ClientSampled :

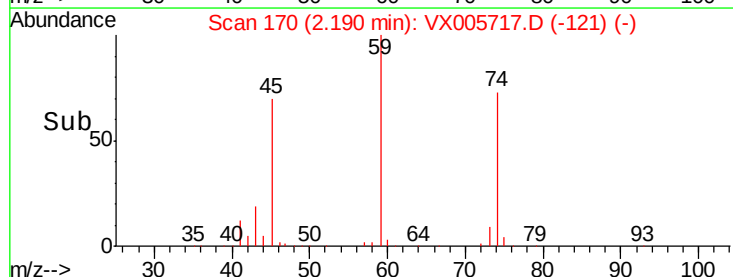
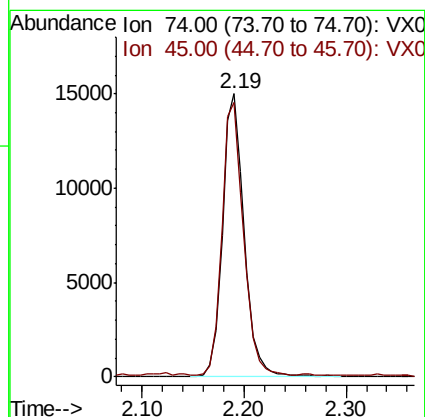
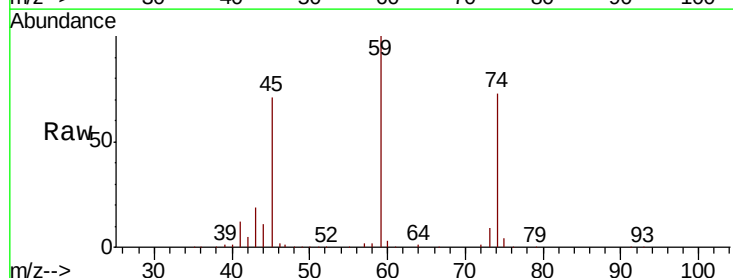
Tot Ion:101 Resp: 48712
Ion Ratio Lower Upper
101 100
103 59.3 50.0 75.0

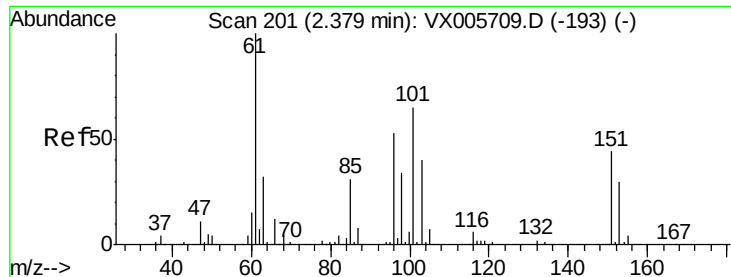


#8

Diethyl Ether
Concen: 20.833 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX005717.D
Acq: 31 Oct 2018 20:22

Tgt Ion: 74 Resp: 22124
Ion Ratio Lower Upper
74 100
45 96.3 54.1 162.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.476 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX005717.D

Acq: 31 Oct 2018 20:22

Instrument :

MSVOA_X

ClientSampleId :

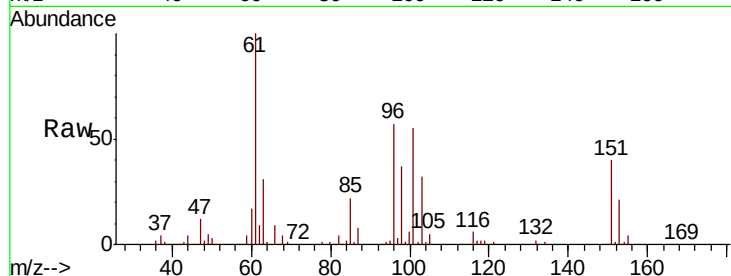
Tot Ion:101 Resp: 29385

Ion Ratio Lower Upper

101 100

85 43.4 35.0 52.4

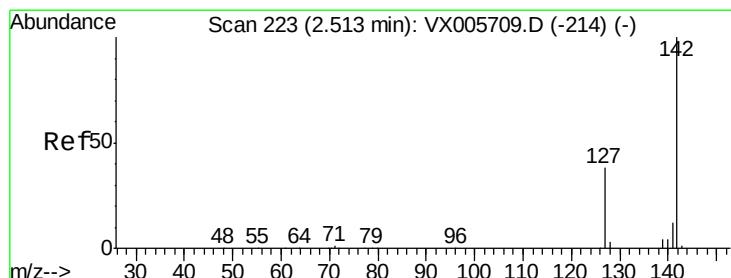
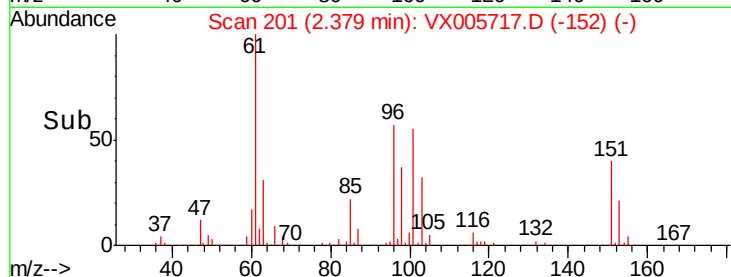
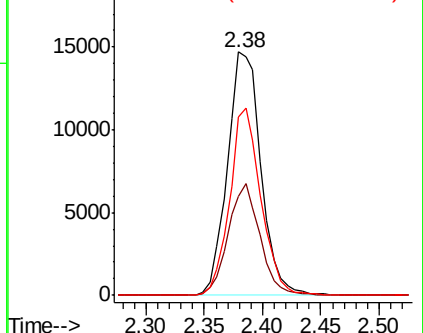
151 71.9 66.2 99.2



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: 17.727 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX005717.D

Acq: 31 Oct 2018 20:22

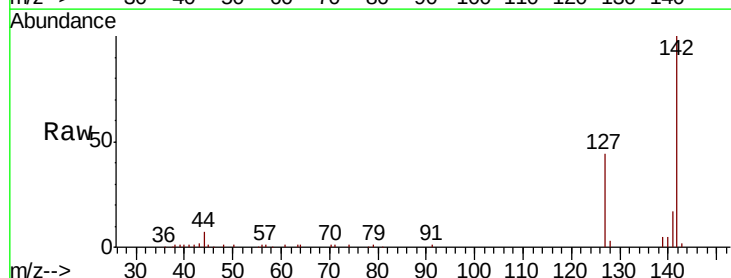
Tgt Ion:142 Resp: 22942

Ion Ratio Lower Upper

142 100

127 44.6 36.0 54.0

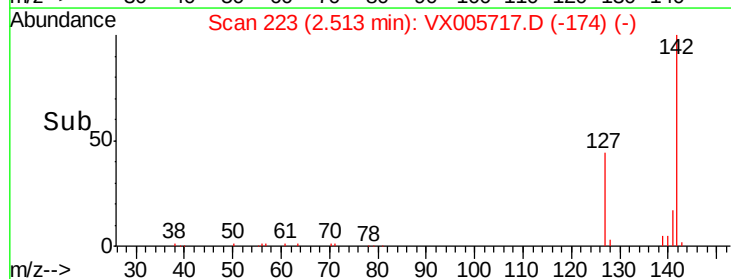
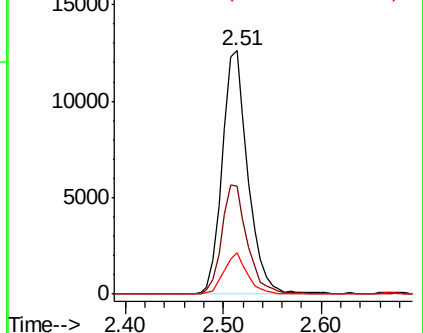
141 15.4 11.7 17.5

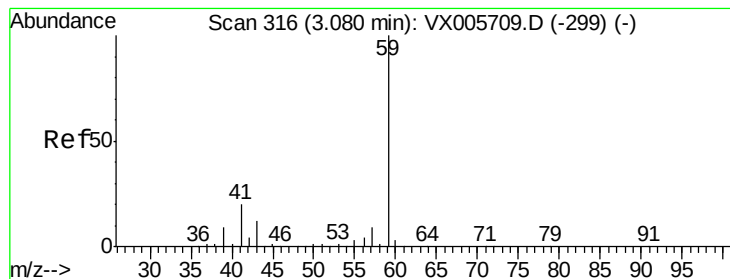


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



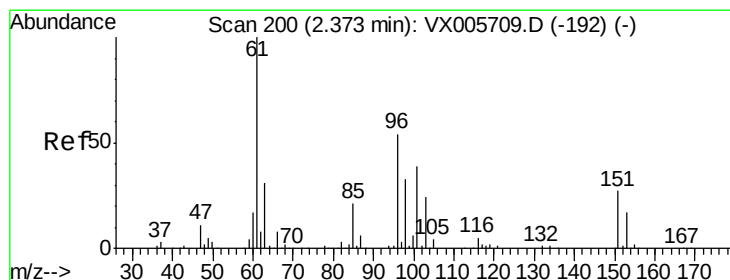
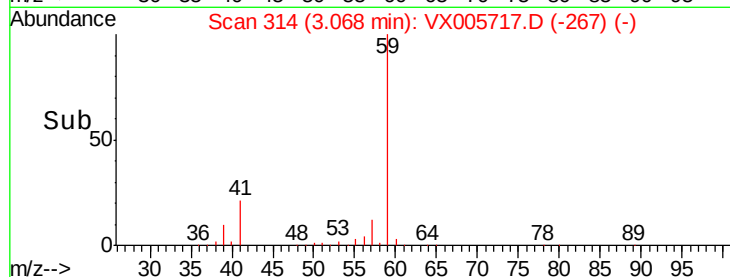
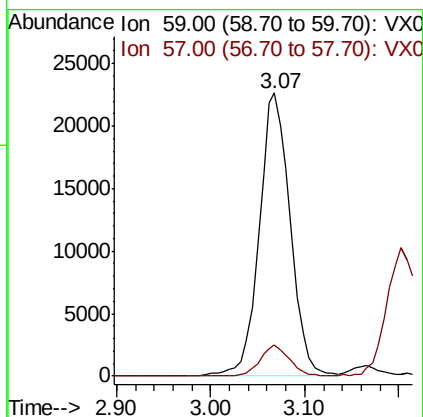
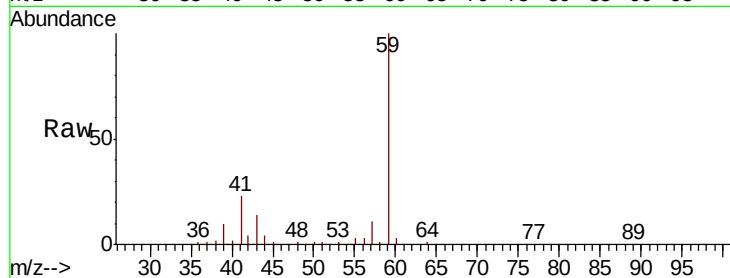


#11

Tert butyl alcohol
 Concen: 101.344 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX005717.D
 Acq: 31 Oct 2018 20:22

Instrument :
 MSVOA_X
 ClientSampled :

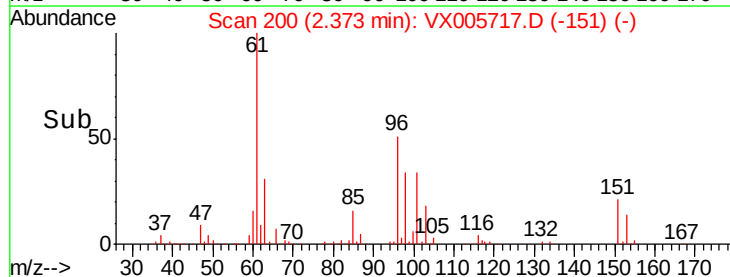
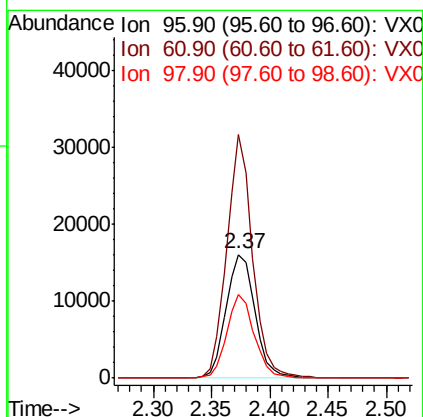
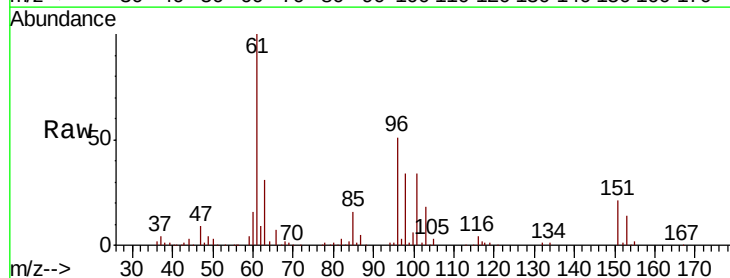
Tot Ion: 59 Resp: 52244
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.5 12.7

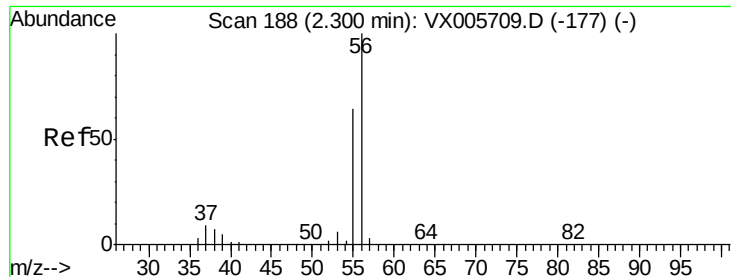


#12

1,1-Dichloroethene
 Concen: 19.860 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.00 min
 Lab File: VX005717.D
 Acq: 31 Oct 2018 20:22

Tgt Ion: 96 Resp: 27773
 Ion Ratio Lower Upper
 96 100
 61 197.2 131.8 197.8
 98 67.5 53.4 80.2





#13

Acrolein

Concen: 106.202 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX005717.D

Acq: 31 Oct 2018 20:22

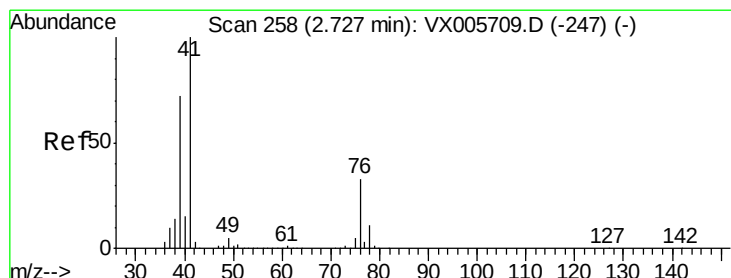
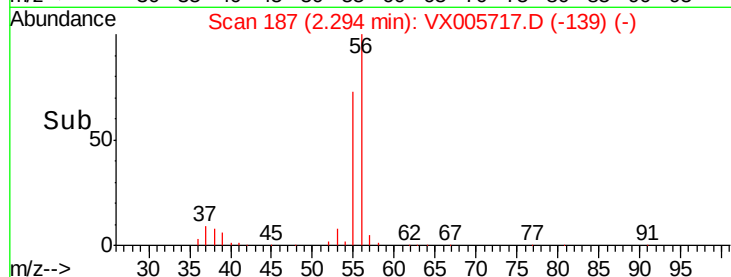
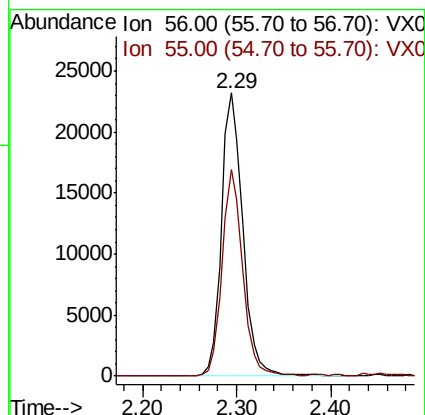
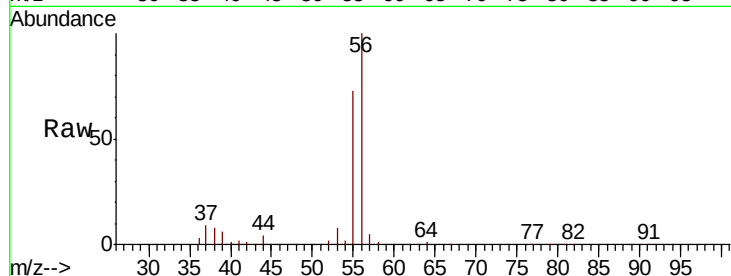
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 36455

Ion Ratio Lower Upper

56 100

55 70.8 57.3 85.9



#14

Allyl chloride

Concen: 18.869 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX005717.D

Acq: 31 Oct 2018 20:22

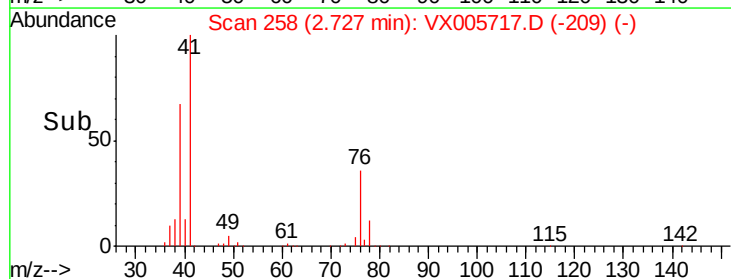
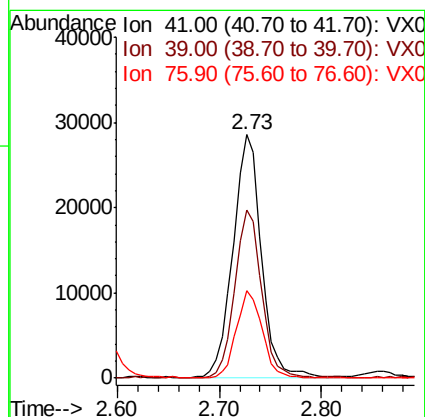
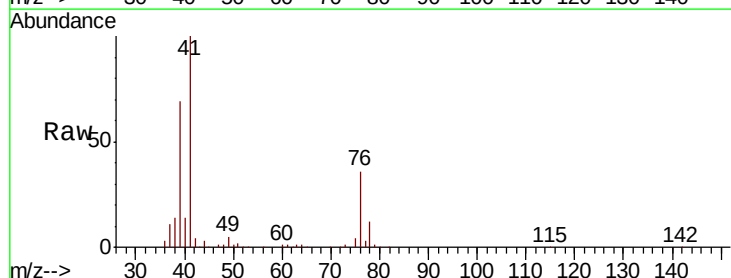
Tgt Ion: 41 Resp: 54563

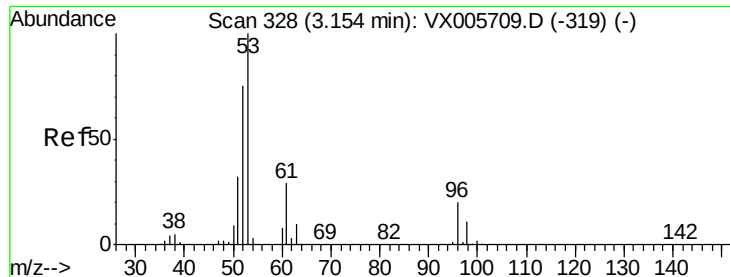
Ion Ratio Lower Upper

41 100

39 64.3 48.2 72.4

76 33.0 21.9 32.9#





#15

Acrylonitrile

Concen: 98.651 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX005717.D

Acq: 31 Oct 2018 20:22

Instrument :

MSVOA_X

ClientSampleId :

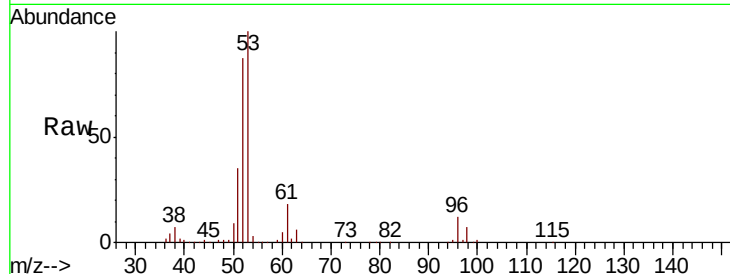
Tot Ion: 53 Resp: 111831

Ion Ratio Lower Upper

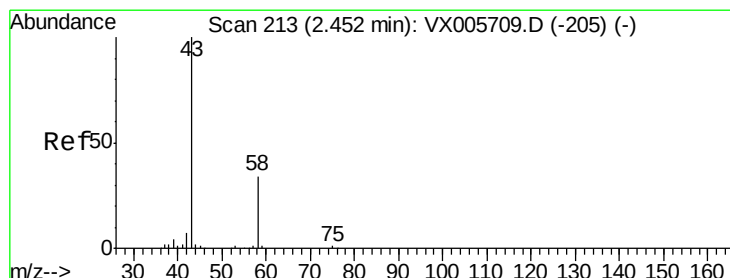
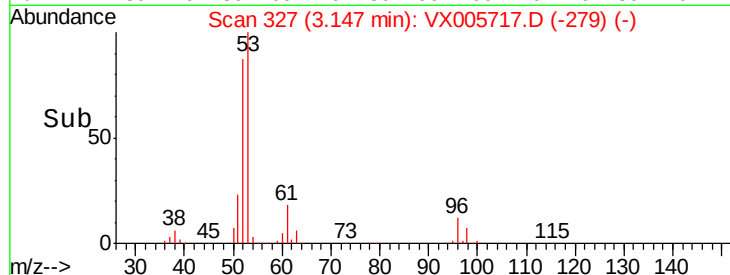
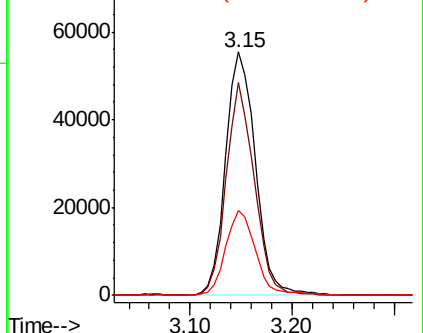
53 100

52 82.0 66.6 99.8

51 35.7 28.4 42.6



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 93.480 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX005717.D

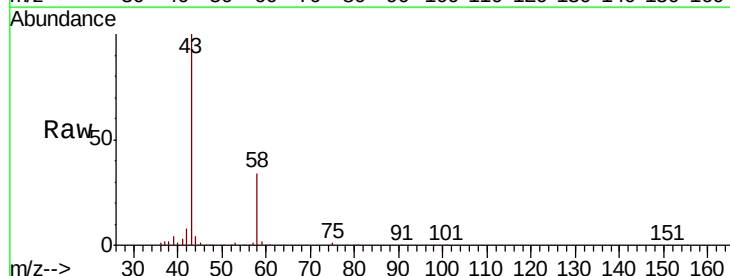
Acq: 31 Oct 2018 20:22

Tgt Ion: 43 Resp: 96937

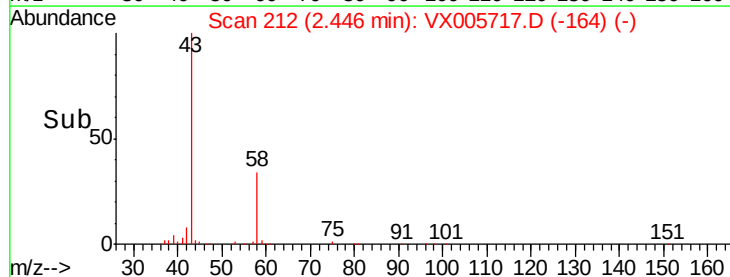
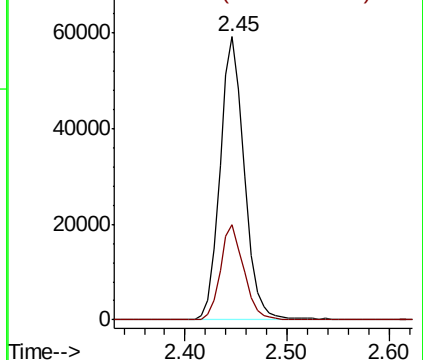
Ion Ratio Lower Upper

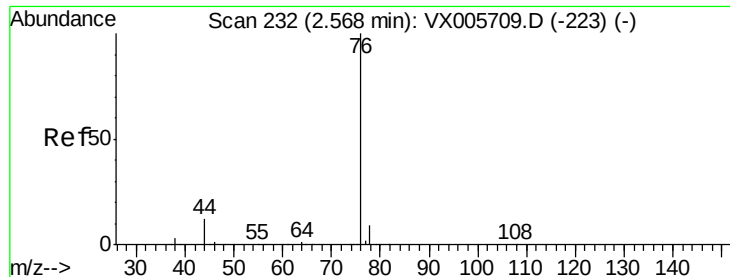
43 100

58 33.8 23.8 35.6



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





#17

Carbon Disulfide

Concen: 18.384 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX005717.D

Acq: 31 Oct 2018 20:22

Instrument :

MSVOA_X

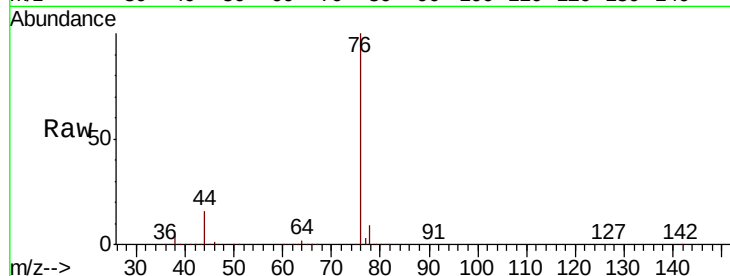
ClientSampled :

Tot Ion: 76 Resp: 79000

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9

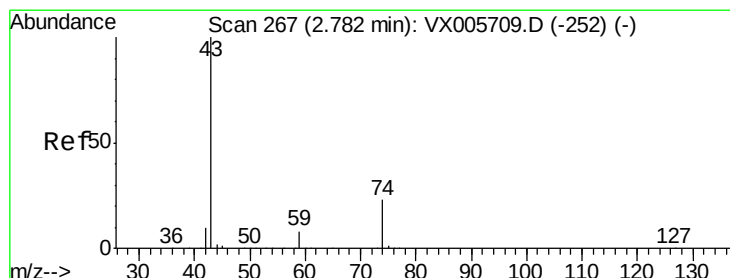
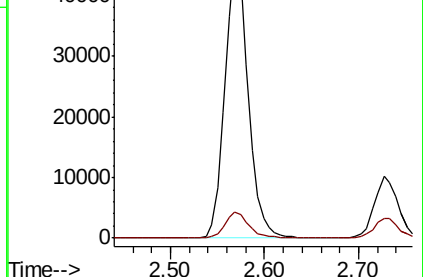
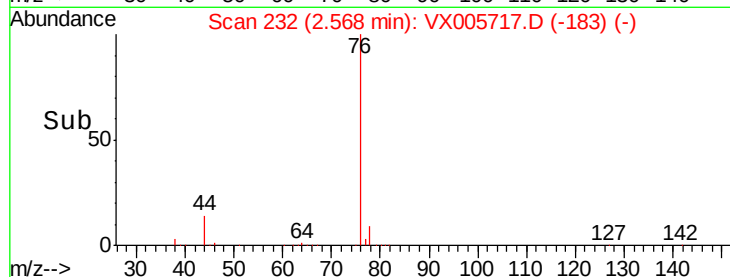


Abundance Ion 75.90 (75.60 to 76.60): VX005717.D (-183) (-)

Ion 77.90 (77.60 to 78.60): VX005717.D (-183) (-)

2.57

Time-->



#18

Methyl Acetate

Concen: 18.965 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX005717.D

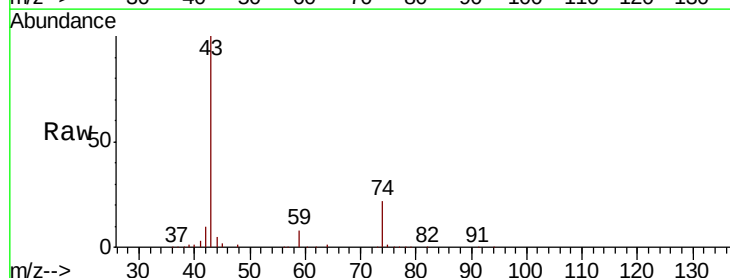
Acq: 31 Oct 2018 20:22

Tgt Ion: 43 Resp: 51665

Ion Ratio Lower Upper

43 100

74 22.5 16.8 25.2

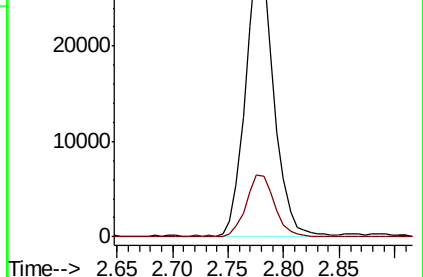
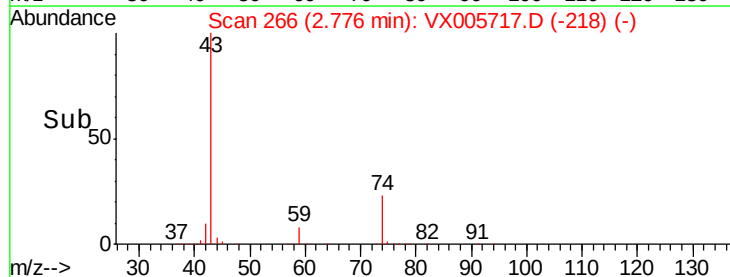


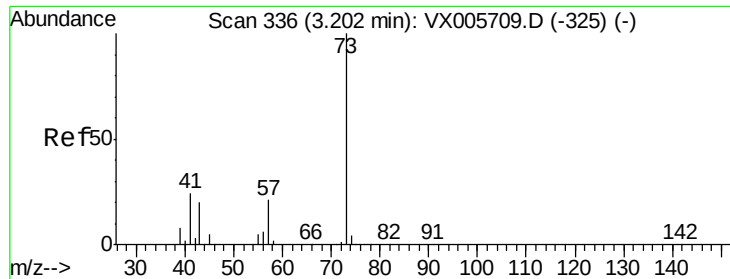
Abundance Ion 43.00 (42.70 to 43.70): VX005717.D (-218) (-)

Ion 74.00 (73.70 to 74.70): VX005717.D (-218) (-)

2.78

Time-->

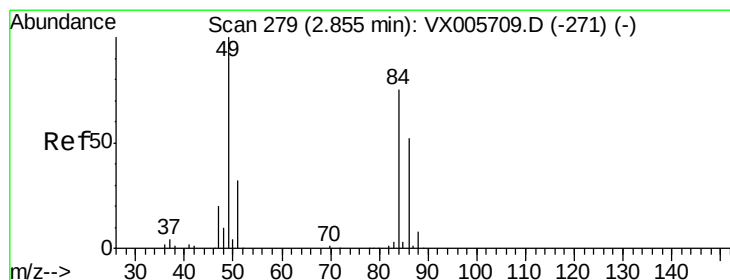
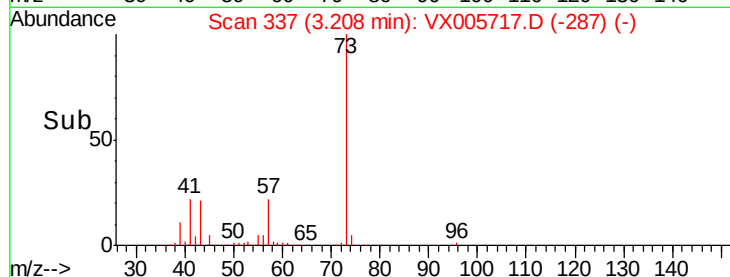
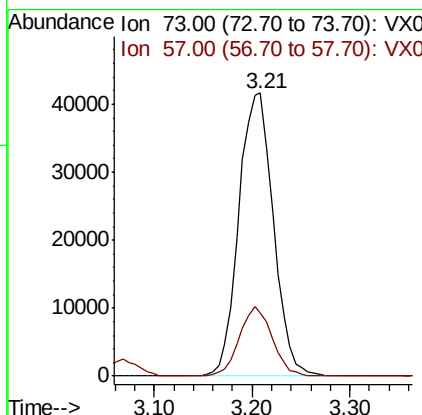
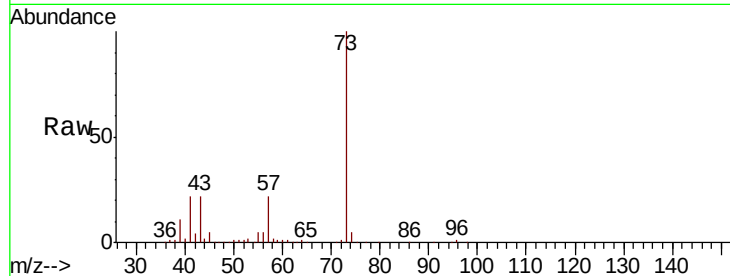




#19
Methyl tert-butyl Ether
Concen: 21.182 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX005717.D
Acq: 31 Oct 2018 20:22

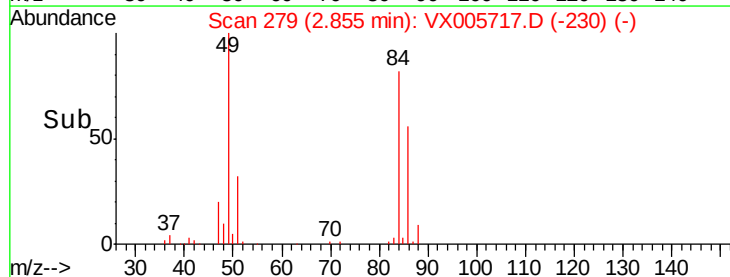
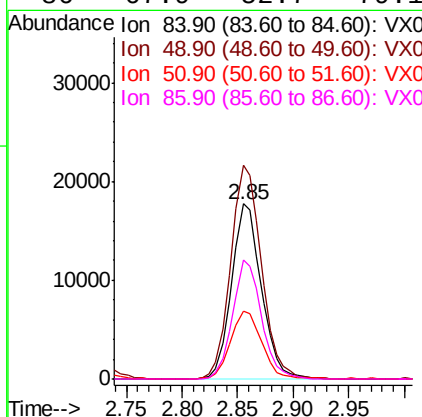
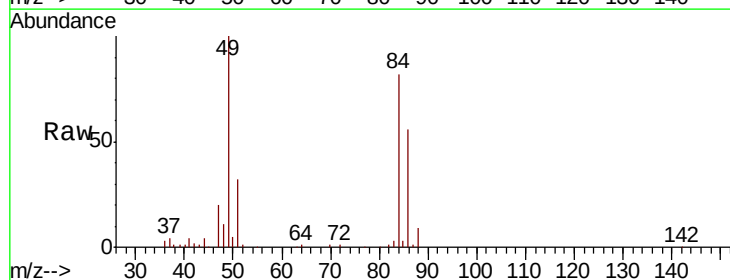
Instrument :
MSVOA_X
ClientSampleId :

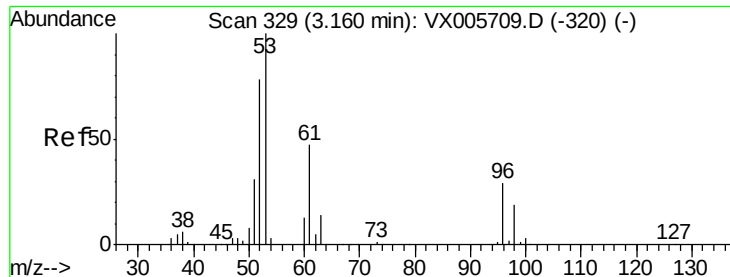
Tot Ion: 73 Resp: 102536
Ion Ratio Lower Upper
73 100
57 22.2 18.8 28.2



#20
Methylene Chloride
Concen: 20.119 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX005717.D
Acq: 31 Oct 2018 20:22

Tgt Ion: 84 Resp: 32933
Ion Ratio Lower Upper
84 100
49 122.1 109.5 164.3
51 38.9 33.3 49.9
86 67.9 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 20.344 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX005717.D

Acq: 31 Oct 2018 20:22

Instrument :

MSVOA_X

ClientSampleId :

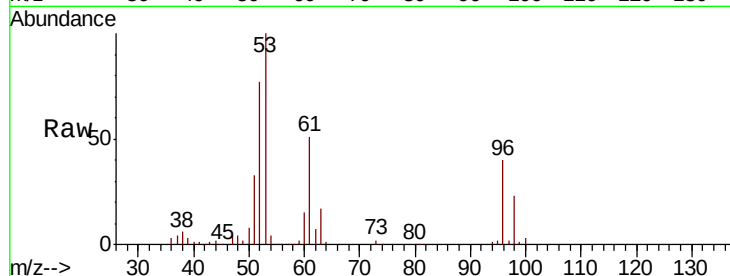
Tot Ion: 96 Resp: 30103

Ion Ratio Lower Upper

96 100

61 128.2 115.6 173.4

98 57.1 50.2 75.2

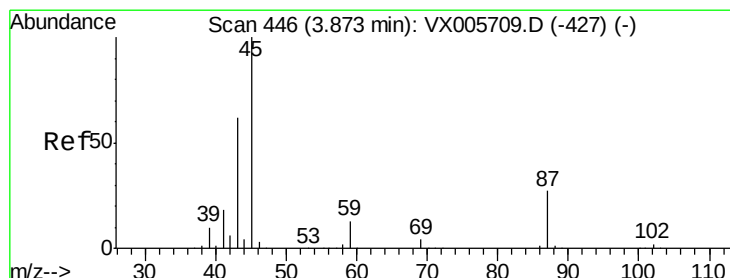
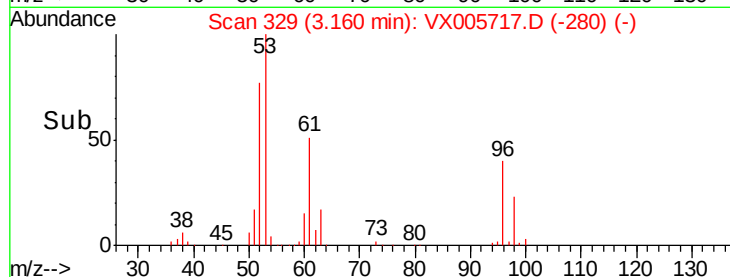
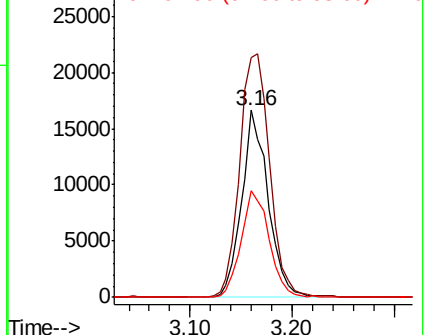


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 20.259 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.01 min

Lab File: VX005717.D

Acq: 31 Oct 2018 20:22

Tgt Ion: 45 Resp: 108671

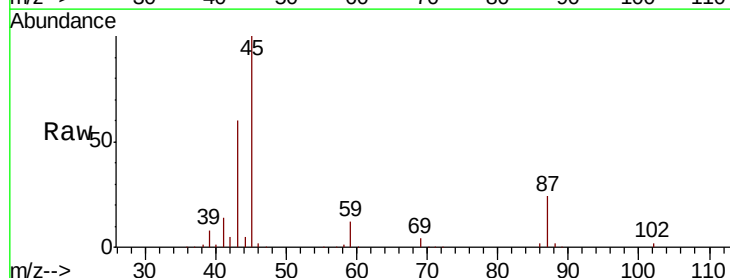
Ion Ratio Lower Upper

45 100

43 59.4 47.4 71.2

87 24.2 15.9 23.9#

59 11.8 7.7 11.5#



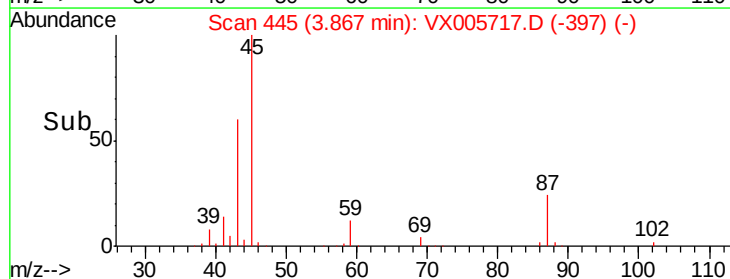
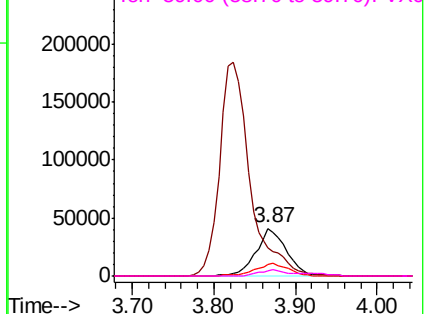
Abundance

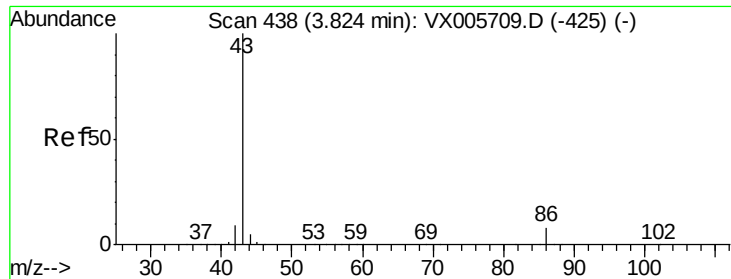
Ion 45.00 (44.70 to 45.70): VX0

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: 102.768 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX005717.D

Acq: 31 Oct 2018 20:22

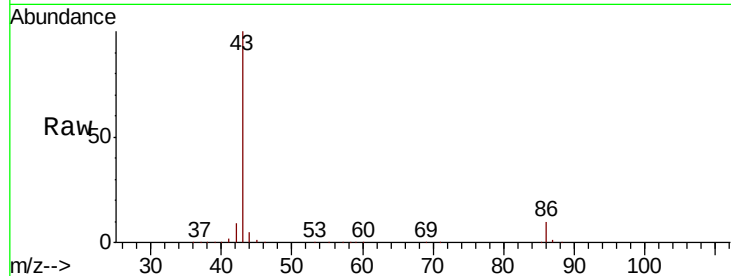
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 480144

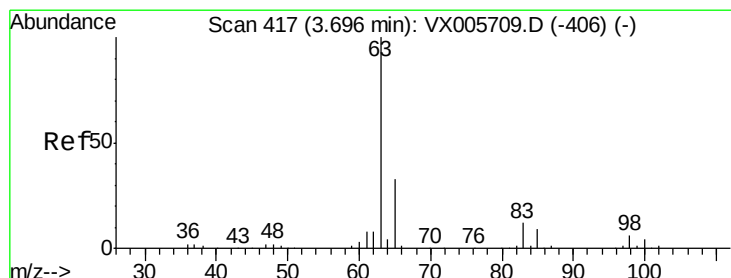
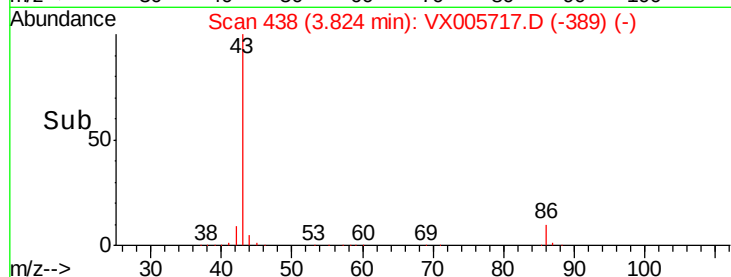
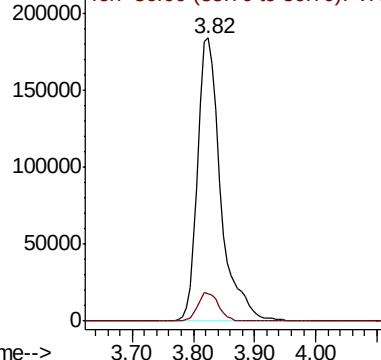
Ion Ratio Lower Upper

43 100

86 9.7 7.4 11.2



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



#24

1,1-Dichloroethane

Concen: 19.613 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX005717.D

Acq: 31 Oct 2018 20:22

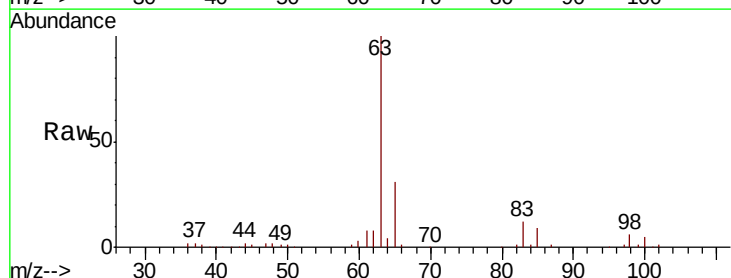
Tgt Ion: 63 Resp: 59489

Ion Ratio Lower Upper

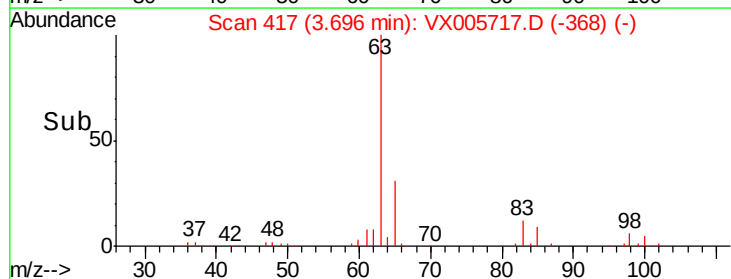
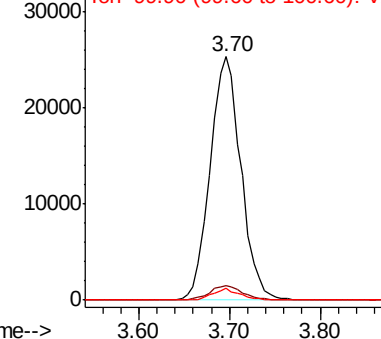
63 100

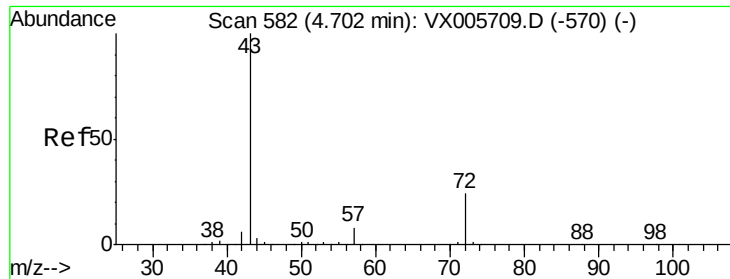
98 6.2 3.2 9.6

100 4.7 2.1 6.2



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





#25

2-Butanone

Concen: 98.257 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX005717.D

Acq: 31 Oct 2018 20:22

Instrument :

MSVOA_X

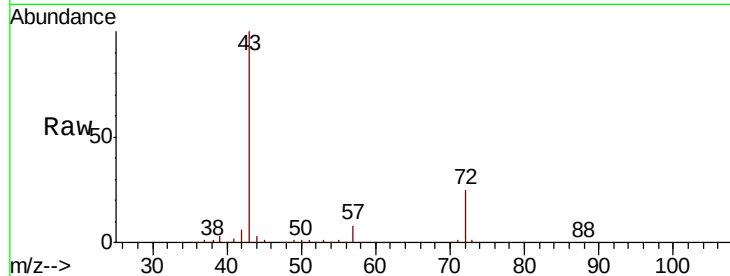
ClientSampleId :

Tot Ion: 43 Resp: 157338

Ion Ratio Lower Upper

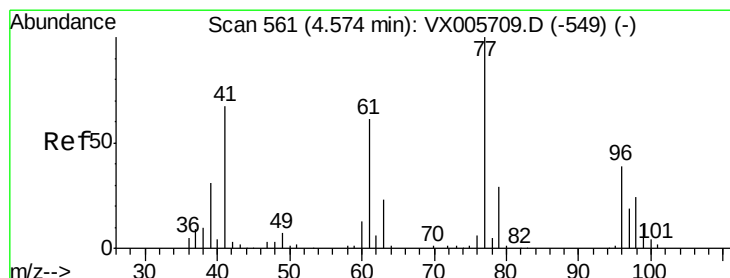
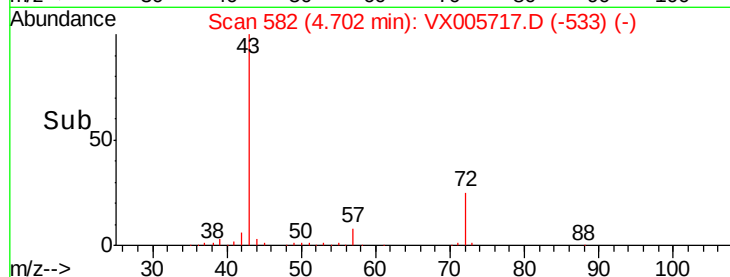
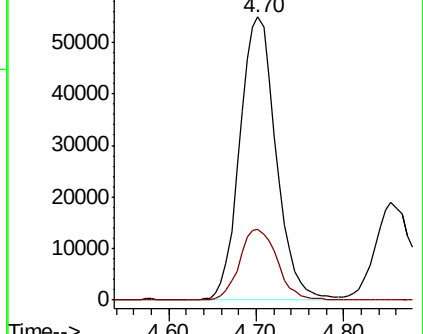
43 100

72 24.9 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.356 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX005717.D

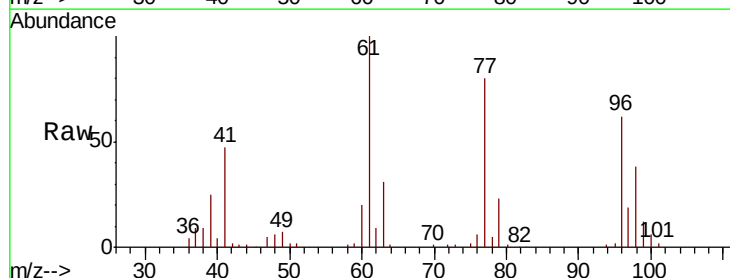
Acq: 31 Oct 2018 20:22

Tgt Ion: 77 Resp: 41620

Ion Ratio Lower Upper

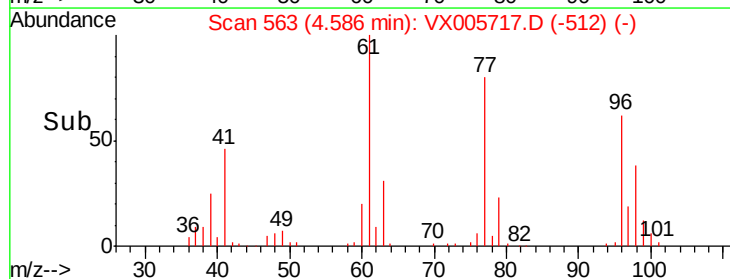
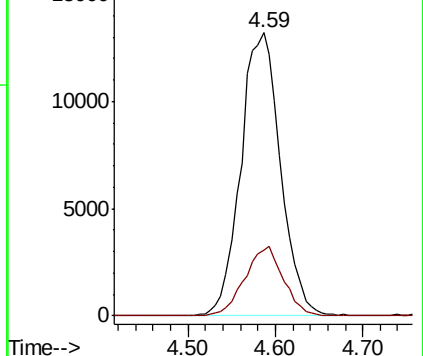
77 100

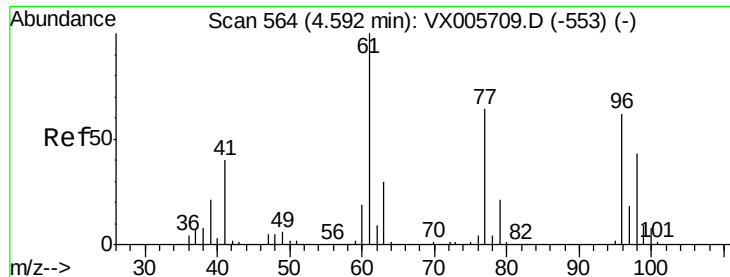
97 23.8 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



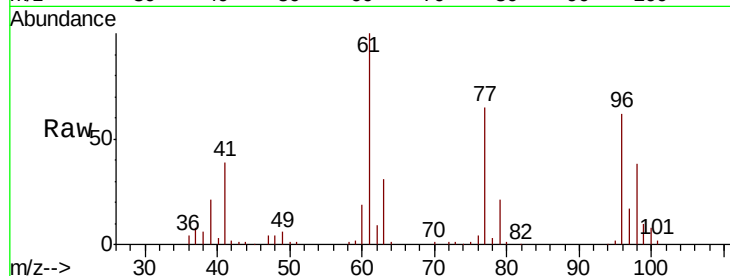


#27

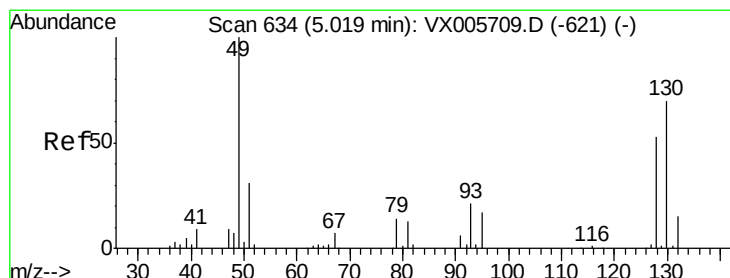
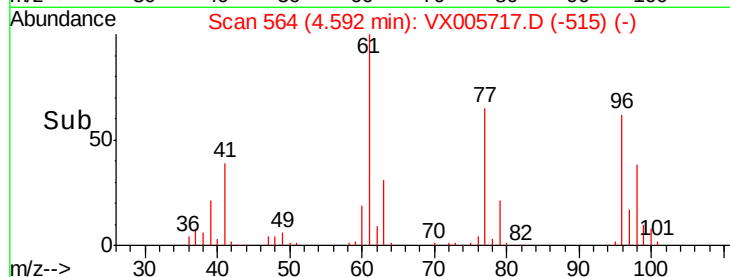
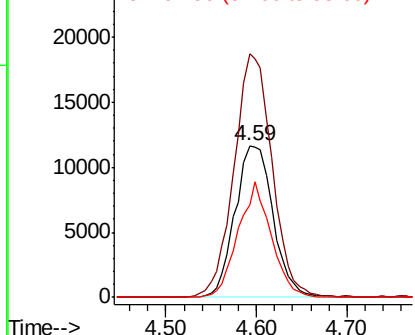
cis-1,2-Dichloroethene
Concen: 20.363 ug/l
RT: 4.59 min Scan# 564
Delta R.T. 0.00 min
Lab File: VX005717.D
Acq: 31 Oct 2018 20:22

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 96 Resp: 33859
Ion Ratio Lower Upper
96 100
61 161.0 0.0 304.6
98 66.4 0.0 127.4



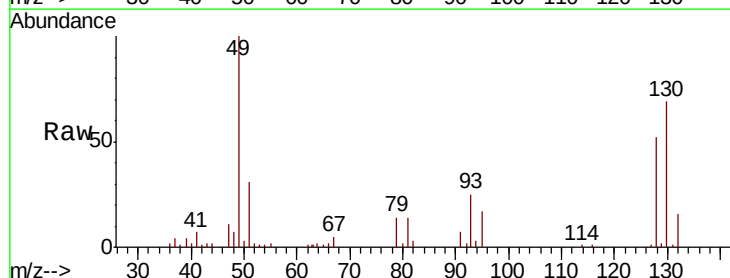
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



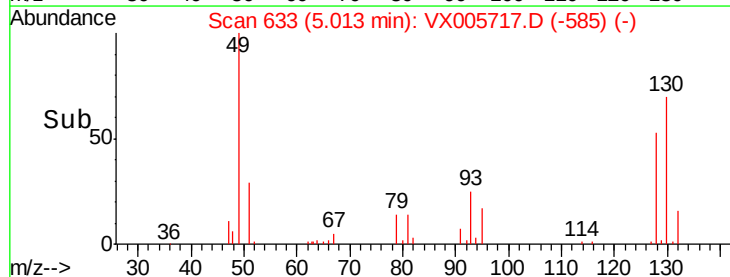
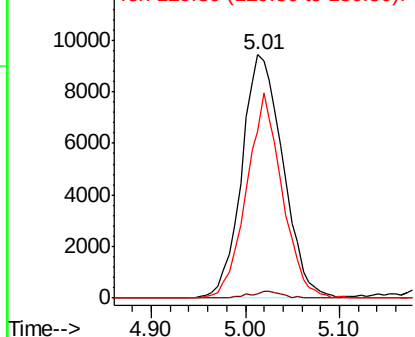
#28

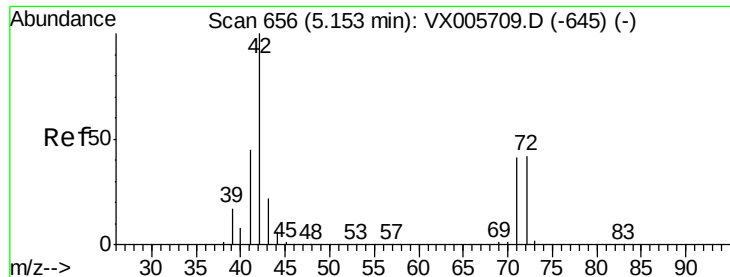
Bromochloromethane
Concen: 19.505 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX005717.D
Acq: 31 Oct 2018 20:22

Tgt Ion: 49 Resp: 28863
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.0
130 72.6 58.9 88.3



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

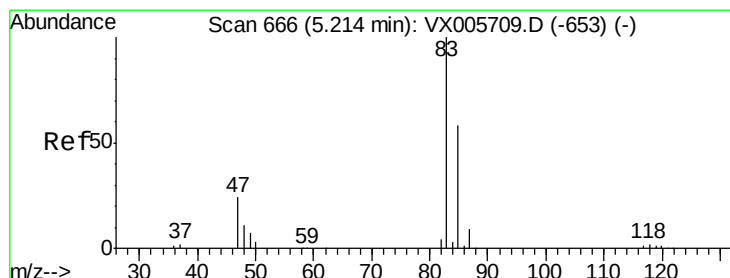
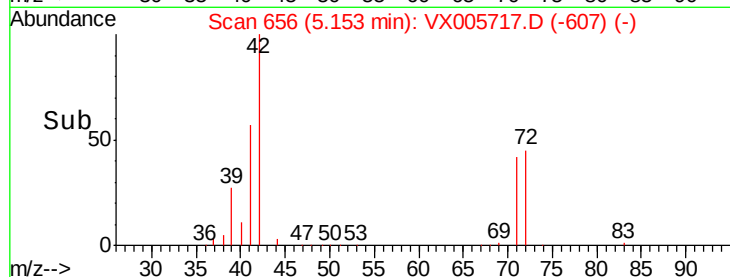
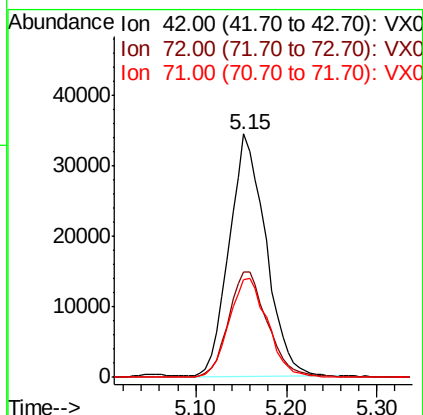
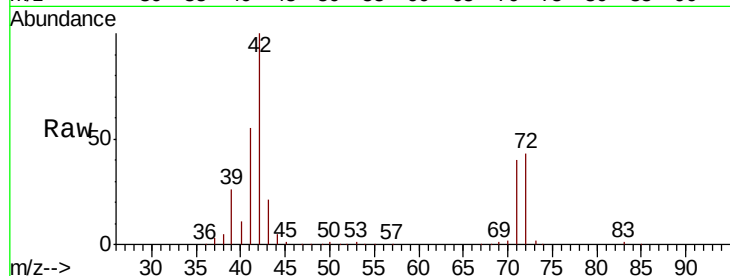




#29
Tetrahydrofuran
Concen: 99.179 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX005717.D
Acq: 31 Oct 2018 20:22

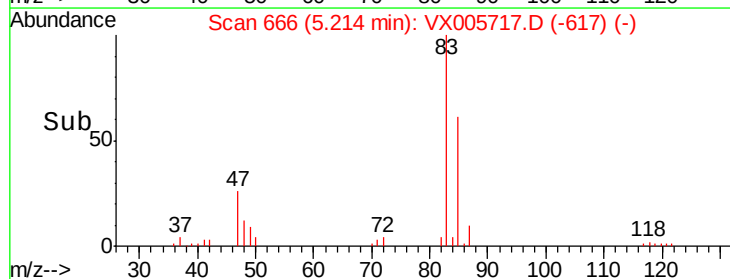
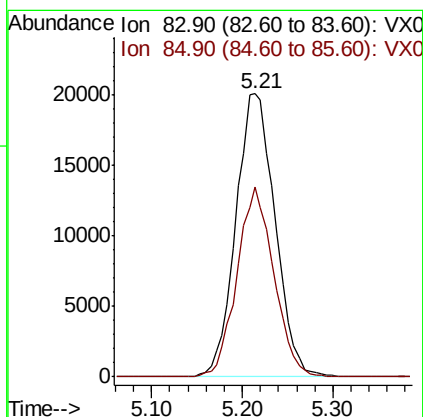
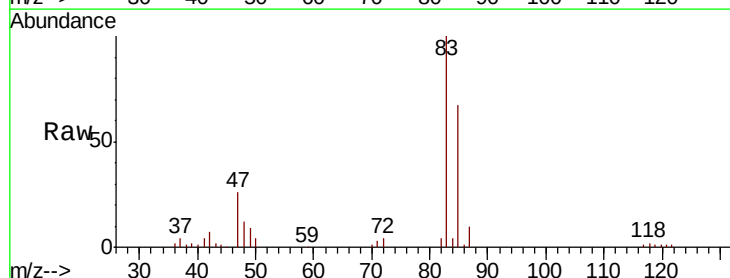
Instrument :
MSVOA_X
ClientSampled :

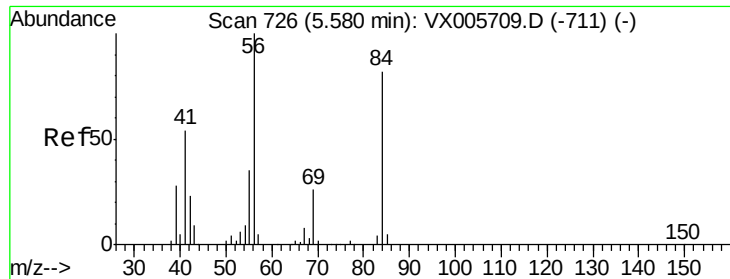
Tot Ion: 42 Resp: 96934
Ion Ratio Lower Upper
42 100
72 45.9 32.0 48.0
71 42.9 29.8 44.8



#30
Chloroform
Concen: 20.309 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX005717.D
Acq: 31 Oct 2018 20:22

Tgt Ion: 83 Resp: 60225
Ion Ratio Lower Upper
83 100
85 67.3 50.6 76.0

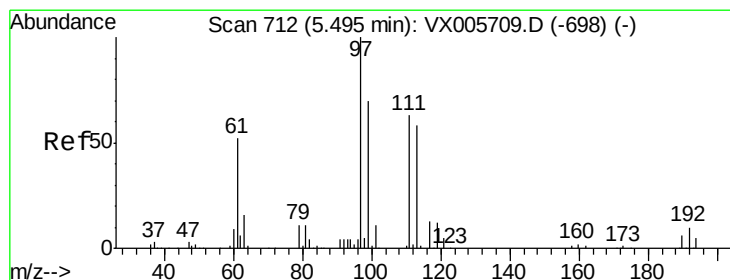
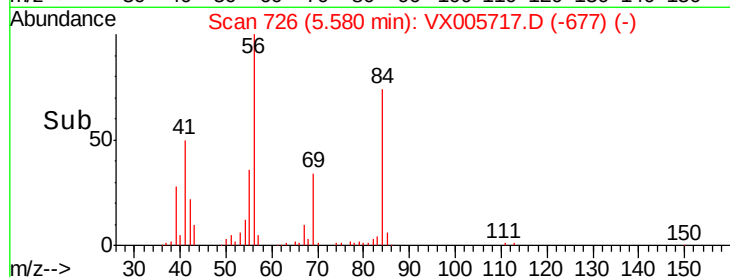
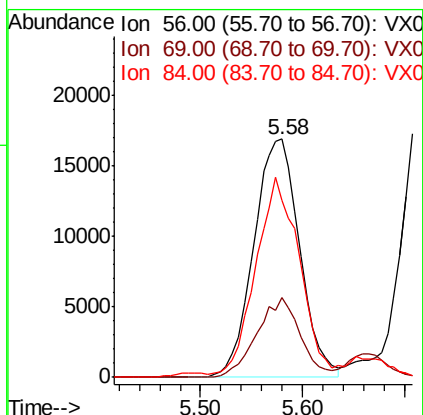
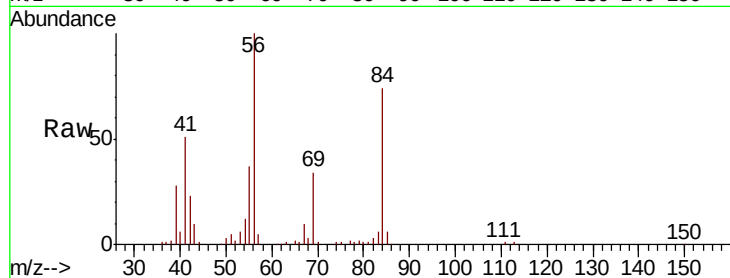




#31
Cyclohexane
Concen: 20.762 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX005717.D
Acq: 31 Oct 2018 20:22

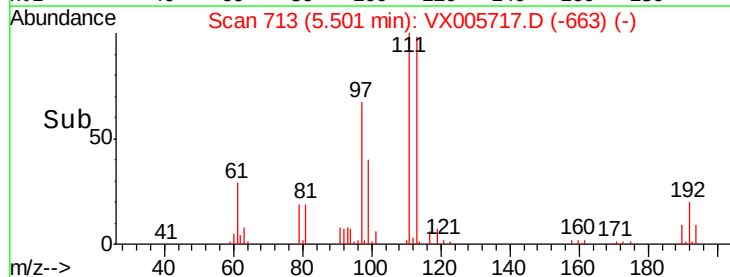
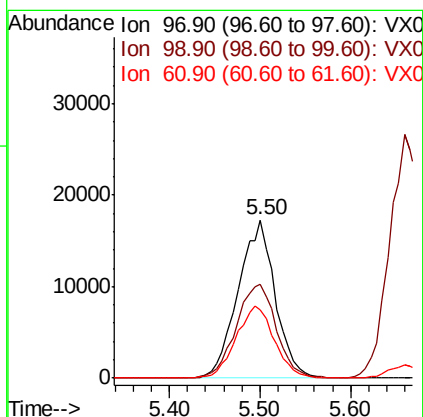
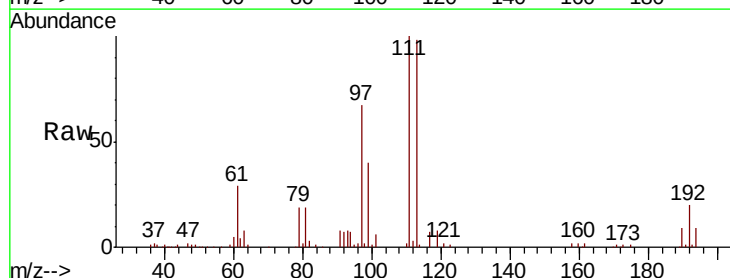
Instrument :
MSVOA_X
ClientSampleId :

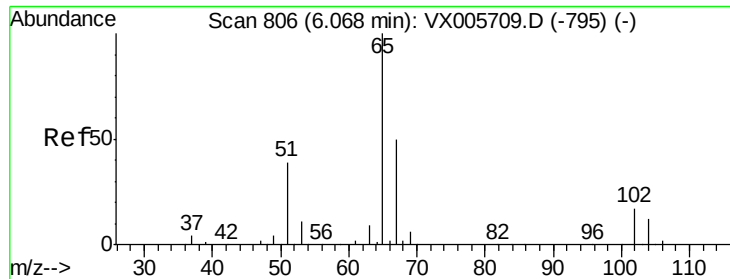
Tot Ion	Ratio	Lower	Upper
56	100		
69	33.6	22.6	34.0
84	72.5	62.7	94.1



#32
1,1,1-Trichloroethane
Concen: 20.563 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX005717.D
Acq: 31 Oct 2018 20:22

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	52.3	78.5
61	47.4	35.2	52.8

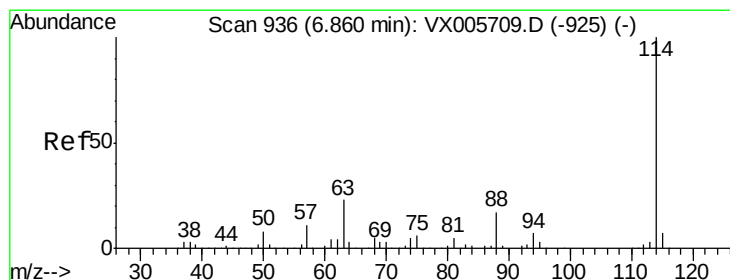
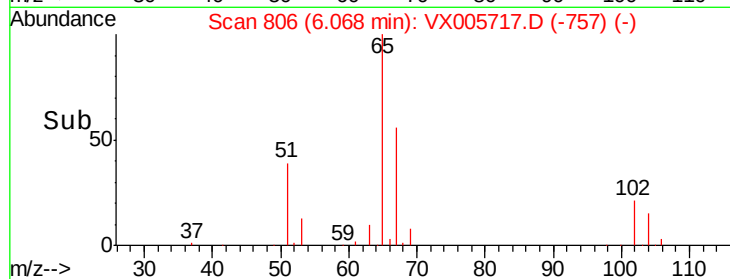
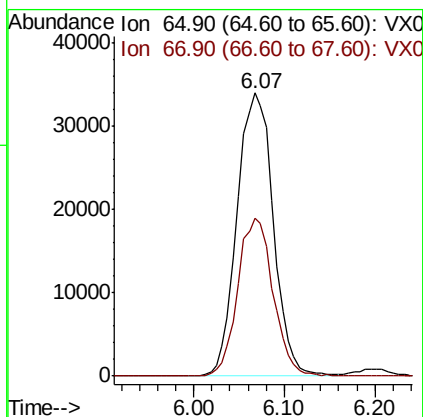
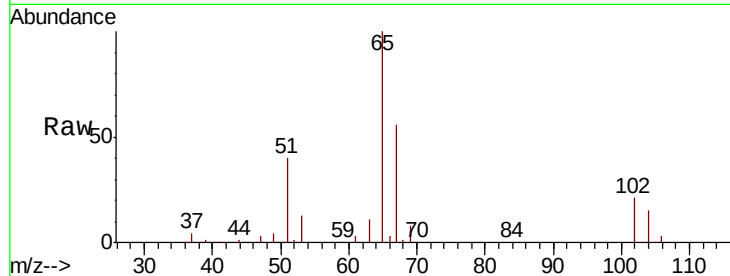




#33
 1,2-Dichloroethane-d4
 Concen: 49.555 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX005717.D
 Acq: 31 Oct 2018 20:22

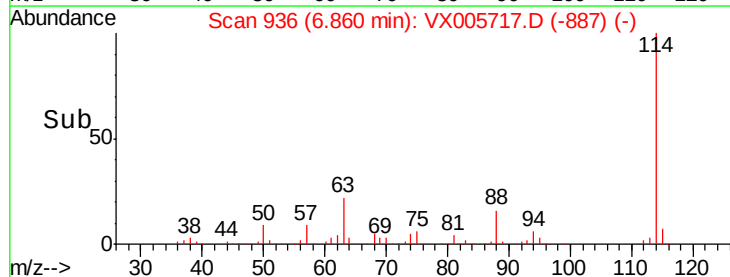
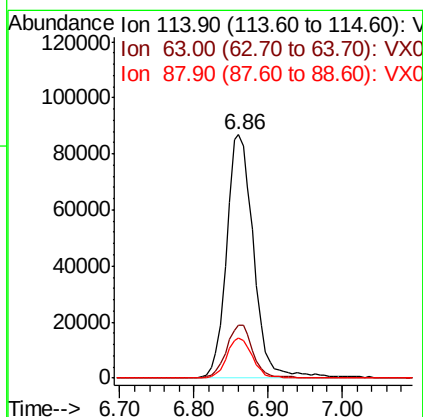
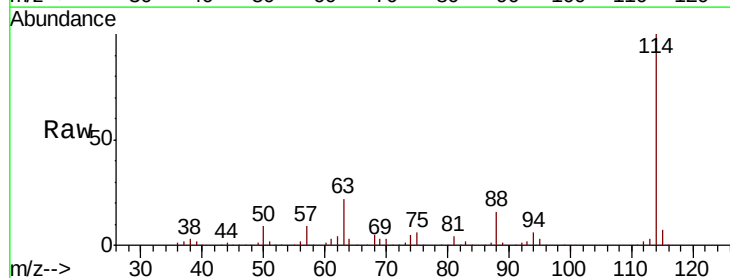
Instrument :
 MSVOA_X
 ClientSampleId :

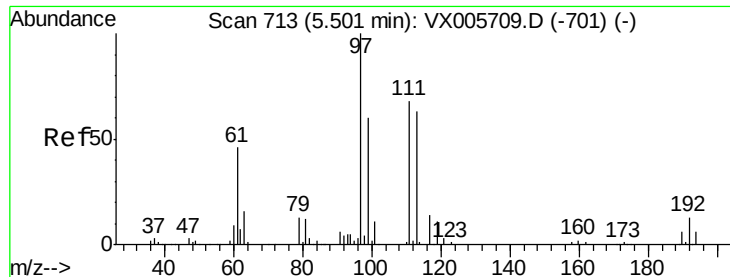
Tot Ion: 65 Resp: 94069
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX005717.D
 Acq: 31 Oct 2018 20:22

Tgt Ion: 114 Resp: 219983
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 42.8
 88 16.4 0.0 31.2

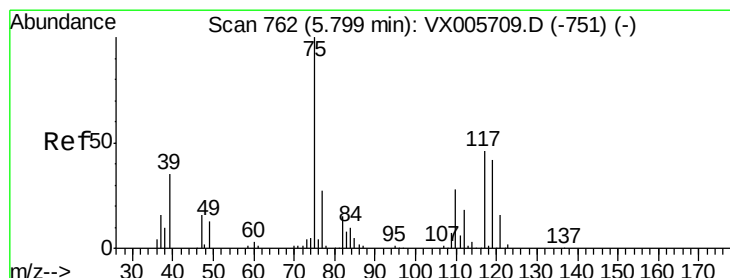
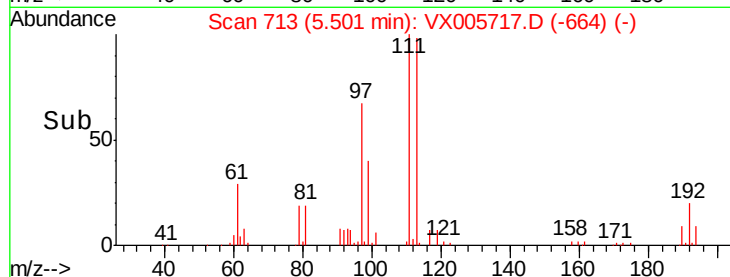
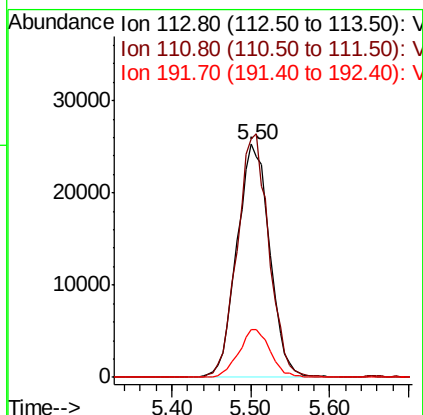
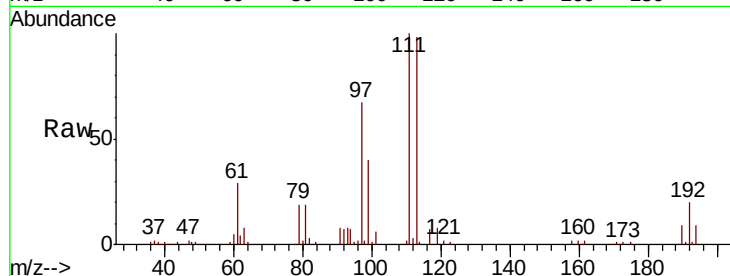




#35
 Dibromofluoromethane
 Concen: 48.017 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX005717.D
 Acq: 31 Oct 2018 20:22

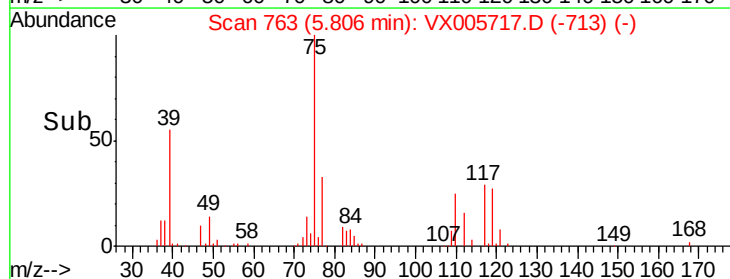
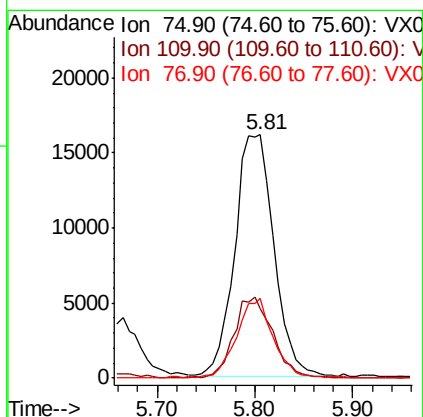
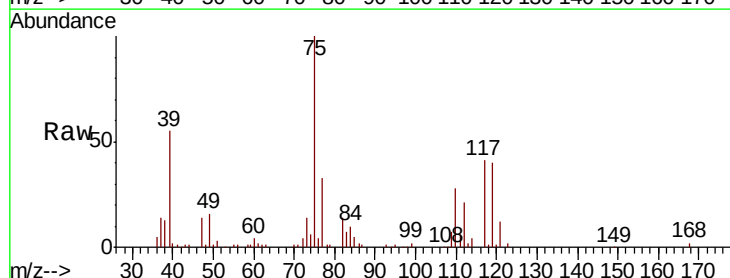
Instrument :
 MSVOA_X
 ClientSampleId :

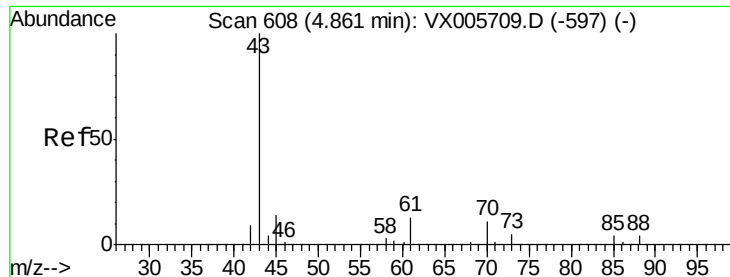
Tot Ion:113 Resp: 73139
 Ion Ratio Lower Upper
 113 100
 111 101.0 82.3 123.5
 192 19.6 17.9 26.9



#36
 1,1-Dichloropropene
 Concen: 19.086 ug/l
 RT: 5.81 min Scan# 763
 Delta R.T. 0.01 min
 Lab File: VX005717.D
 Acq: 31 Oct 2018 20:22

Tgt Ion: 75 Resp: 44734
 Ion Ratio Lower Upper
 75 100
 110 33.3 17.4 52.2
 77 29.6 25.8 38.6

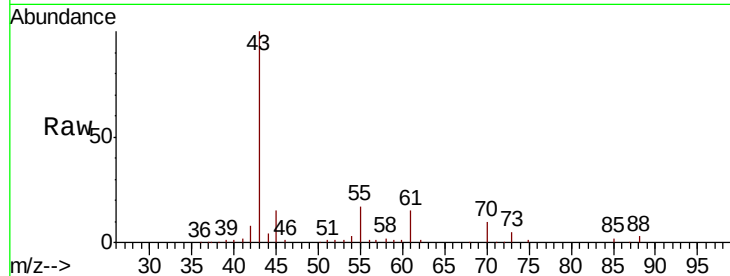




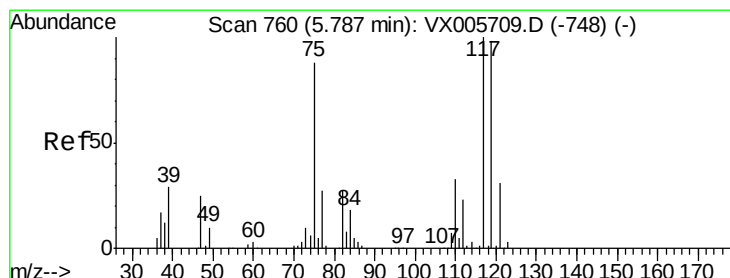
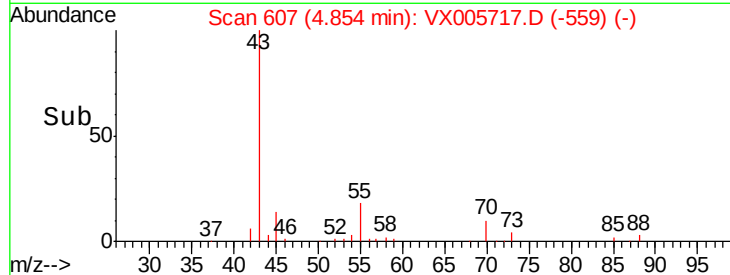
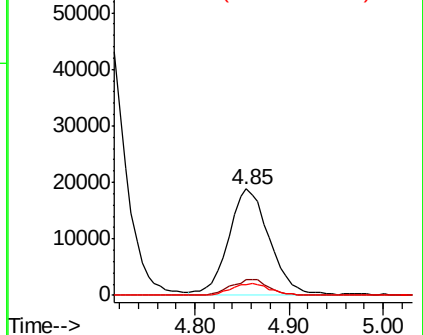
#37
Ethyl Acetate
Concen: 18.705 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX005717.D
Acq: 31 Oct 2018 20:22

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 55931
Ion Ratio Lower Upper
43 100
61 14.6 10.8 16.2
70 10.6 7.8 11.8

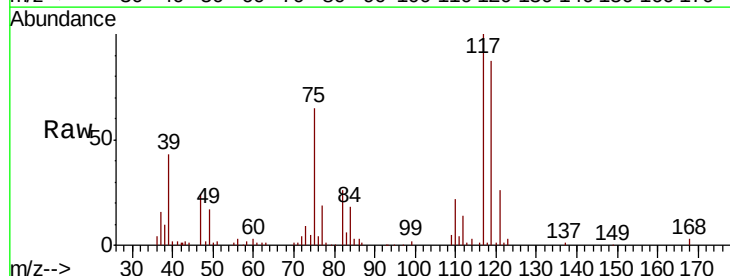


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

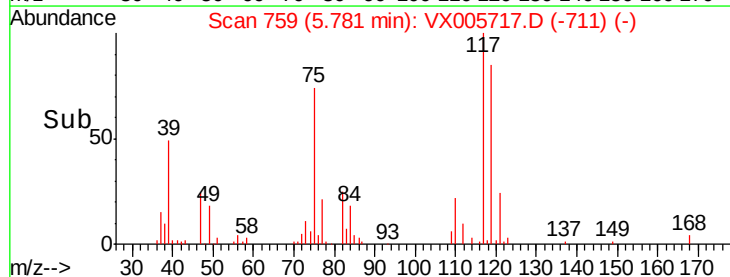
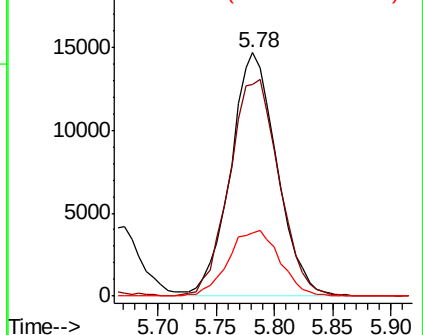


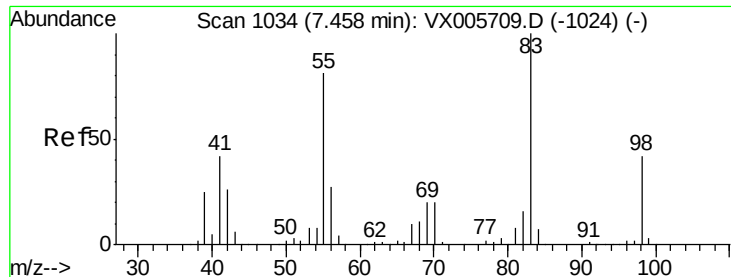
#38
Carbon Tetrachloride
Concen: 19.175 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX005717.D
Acq: 31 Oct 2018 20:22

Tgt Ion: 117 Resp: 40603
Ion Ratio Lower Upper
117 100
119 86.7 78.1 117.1
121 25.9 24.6 36.8



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

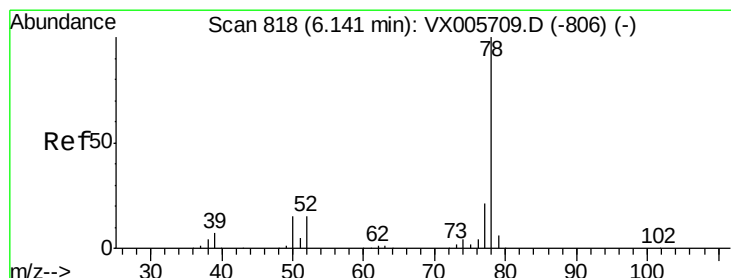
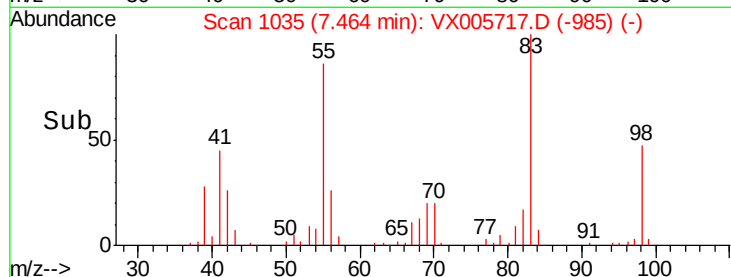
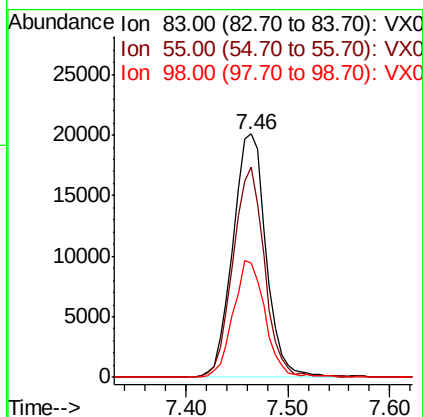
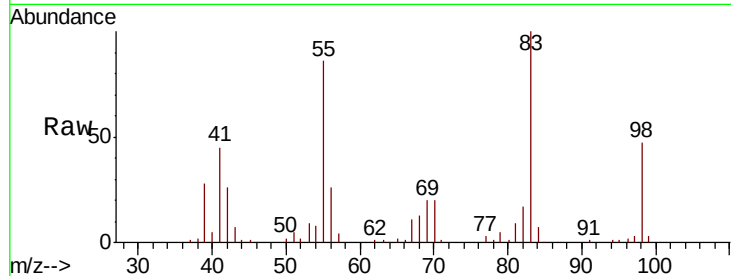




#39
Methylvlcyclohexane
Concen: 18.569 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX005717.D
Acq: 31 Oct 2018 20:22

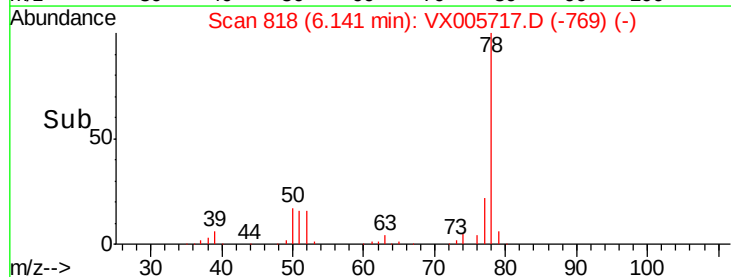
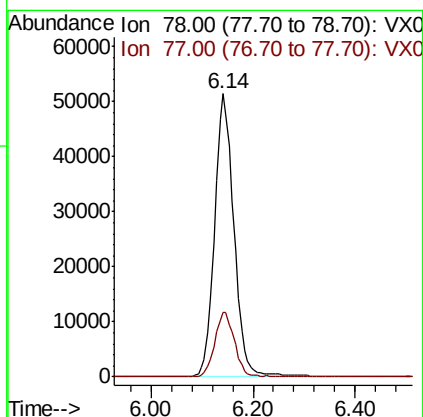
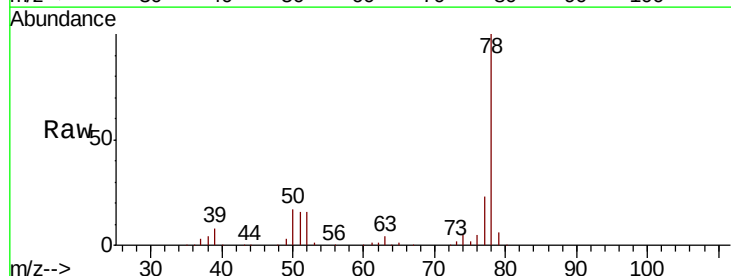
Instrument :
MSVOA_X
ClientSampleId :

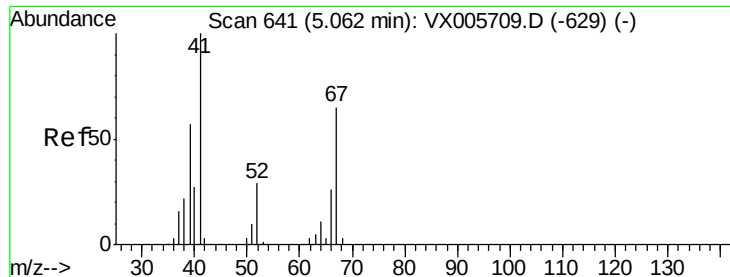
Tot Ion: 83 Resp: 45388
Ion Ratio Lower Upper
83 100
55 86.3 63.7 95.5
98 47.1 36.2 54.2



#40
Benzene
Concen: 19.613 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX005717.D
Acq: 31 Oct 2018 20:22

Tgt Ion: 78 Resp: 136752
Ion Ratio Lower Upper
78 100
77 22.7 18.4 27.6

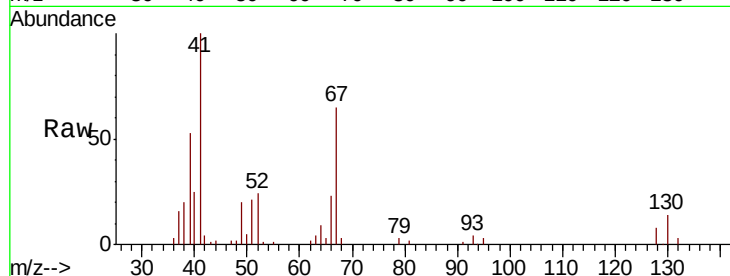




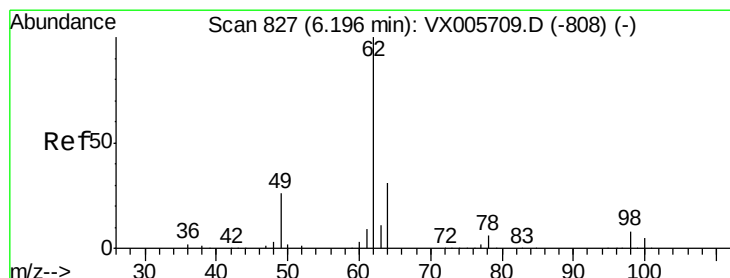
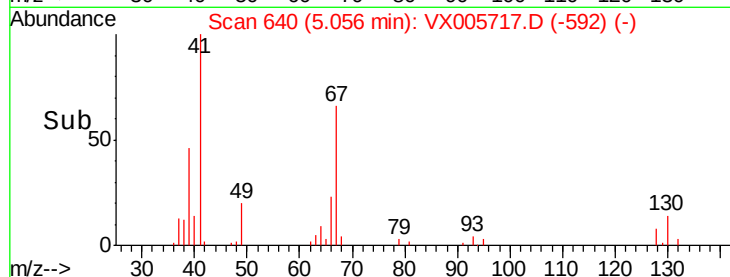
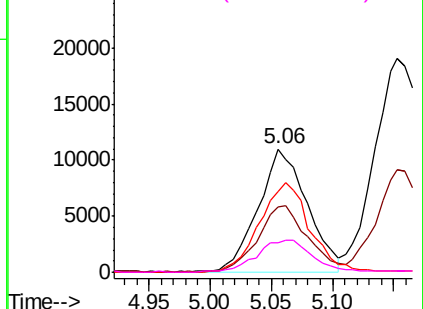
#41
Methacrylonitrile
Concen: 19.092 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX005717.D
Acq: 31 Oct 2018 20:22

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	30845
Ion	Ratio	Lower	Upper
41	100		
39	54.9	42.2	63.2
67	74.7	53.4	80.0
52	29.9	23.4	35.2

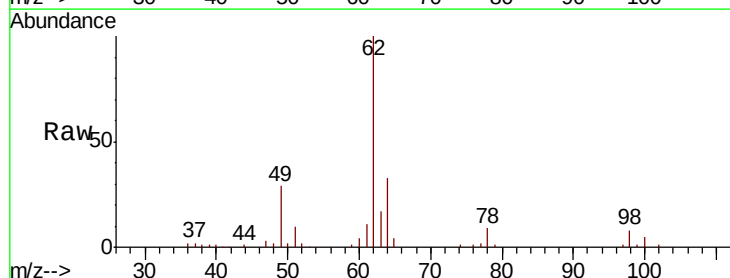


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

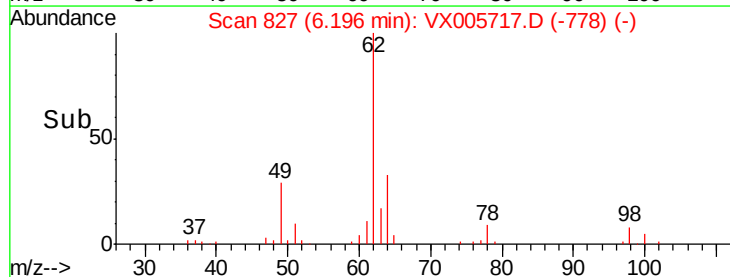
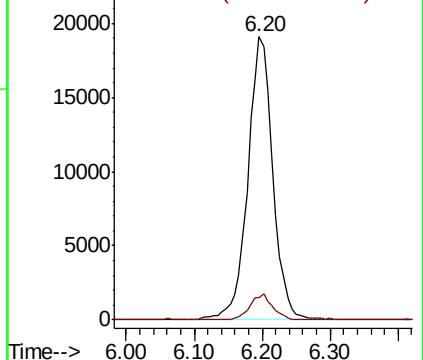


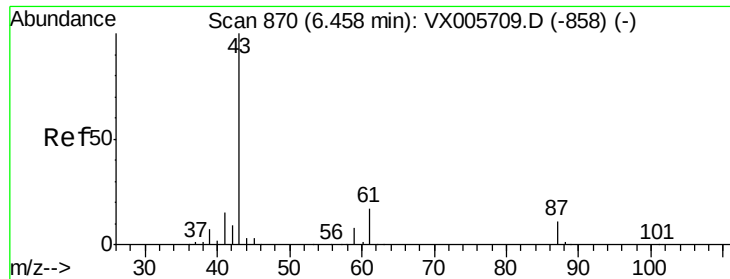
#42
1,2-Dichloroethane
Concen: 18.986 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX005717.D
Acq: 31 Oct 2018 20:22

Tgt Ion:	62	Resp:	48933
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	17.8



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





#43

Isopropyl Acetate

Concen: 19.240 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX005717.D

Acq: 31 Oct 2018 20:22

Instrument :

MSVOA_X

ClientSampleId :

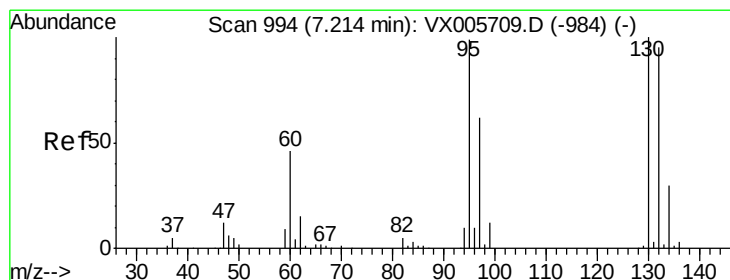
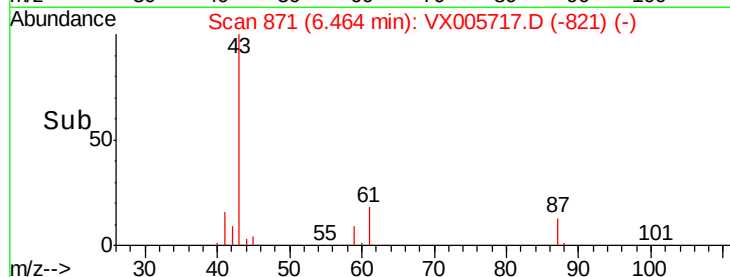
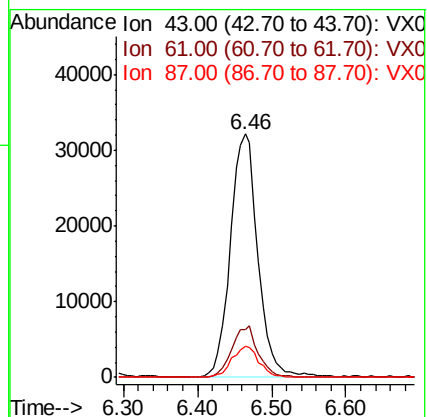
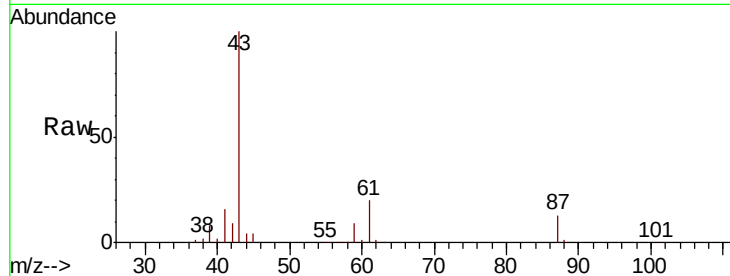
Tot Ion: 43 Resp: 83499

Ion Ratio Lower Upper

43 100

61 20.1 14.6 22.0

87 12.4 9.6 14.4



#44

Trichloroethene

Concen: 18.720 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX005717.D

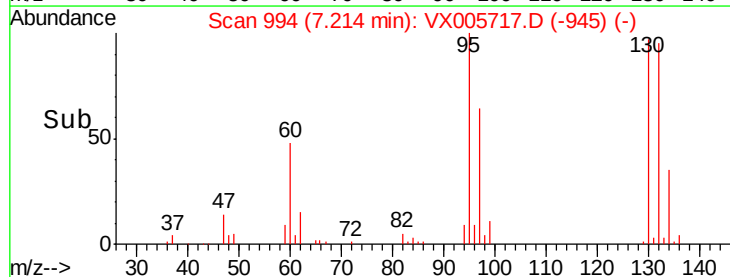
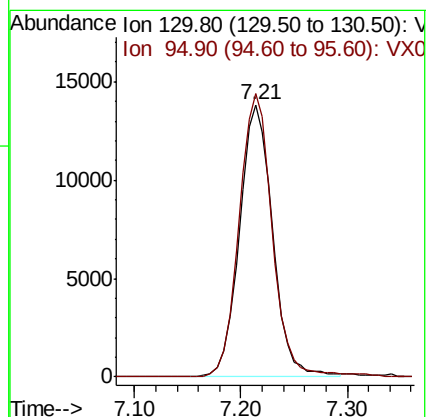
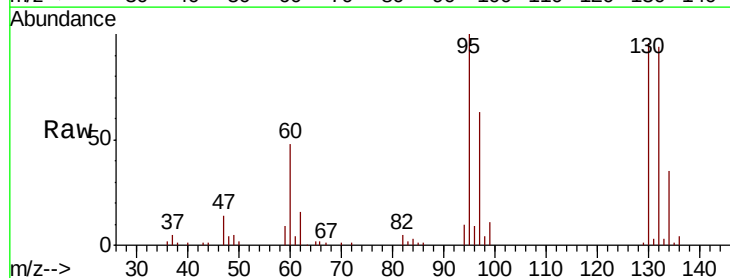
Acq: 31 Oct 2018 20:22

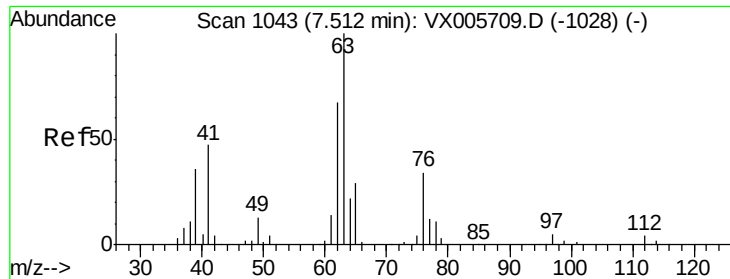
Tgt Ion:130 Resp: 30189

Ion Ratio Lower Upper

130 100

95 103.9 0.0 194.2

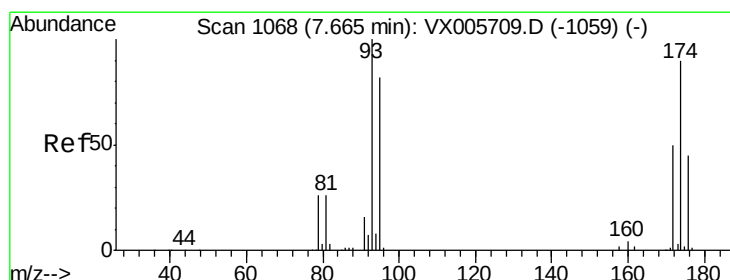
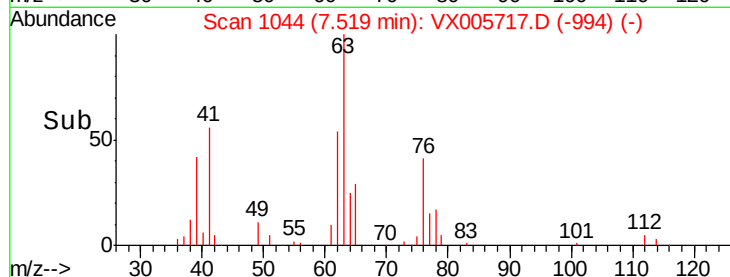
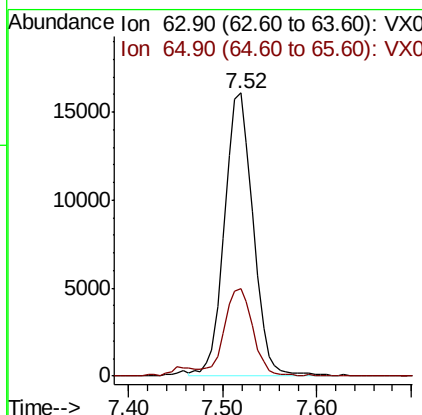
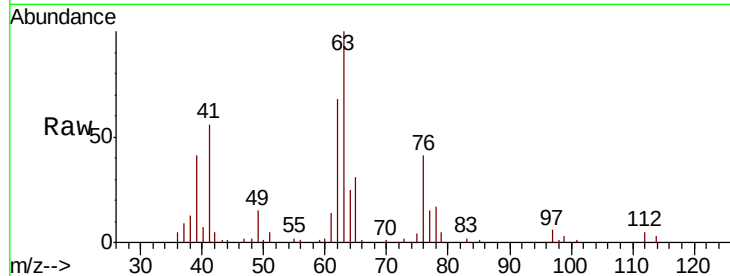




#45
 1,2-Dichloropropane
 Concen: 19.074 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.01 min
 Lab File: VX005717.D
 Acq: 31 Oct 2018 20:22

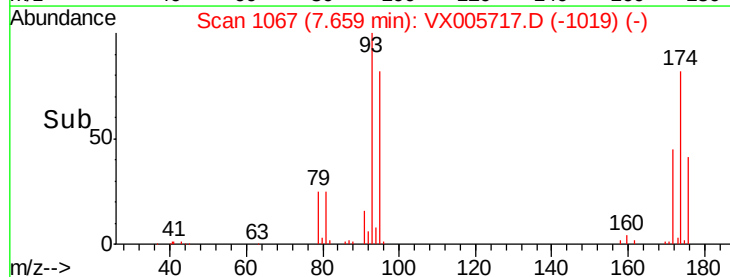
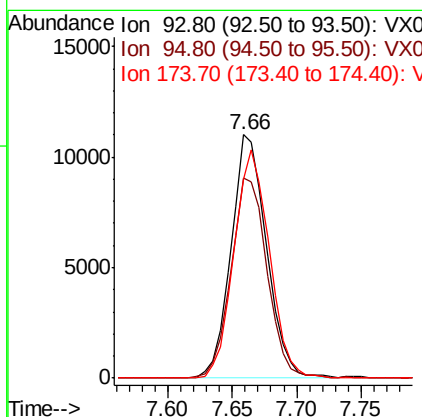
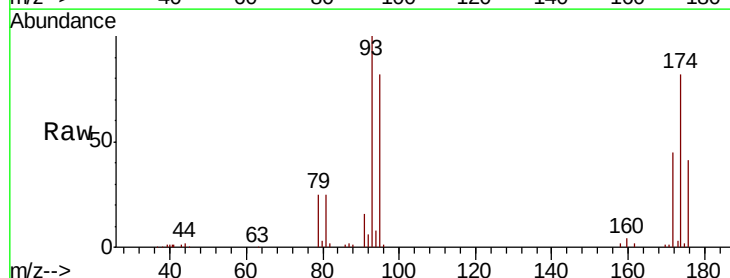
Instrument :
 MSVOA_X
 ClientSampleId :

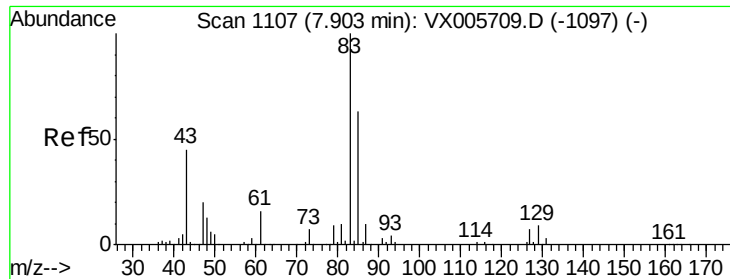
Tot Ion: 63 Resp: 34083
 Ion Ratio Lower Upper
 63 100
 65 31.0 24.8 37.2



#46
 Dibromomethane
 Concen: 18.442 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.01 min
 Lab File: VX005717.D
 Acq: 31 Oct 2018 20:22

Tgt Ion: 93 Resp: 21060
 Ion Ratio Lower Upper
 93 100
 95 83.7 67.4 101.0
 174 93.5 91.5 137.3





#47

Bromodichloromethane

Concen: 18.358 ug/l

RT: 7.90 min Scan# 1107

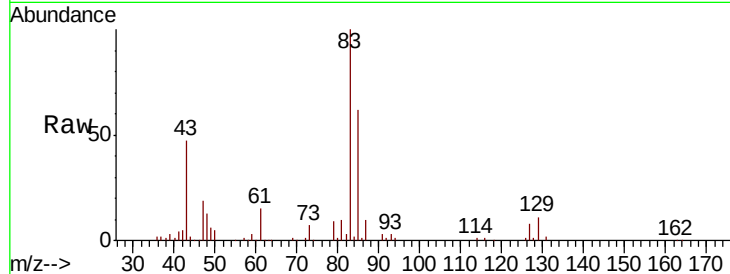
Delta R.T. 0.00 min

Lab File: VX005717.D

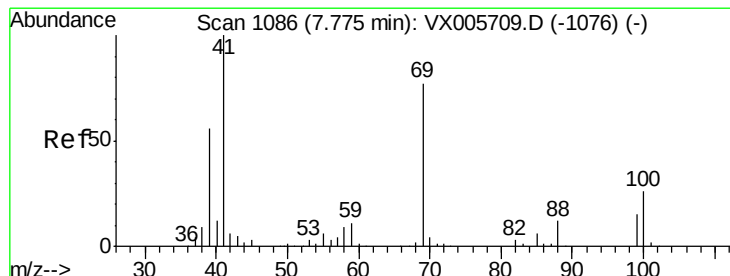
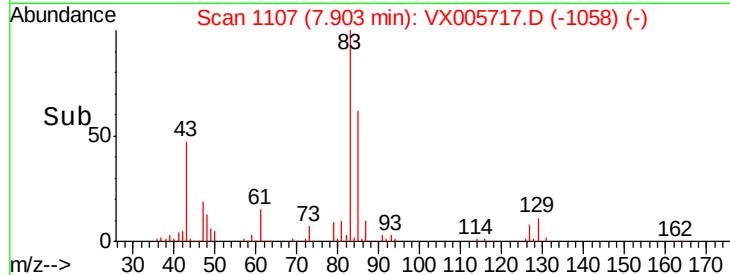
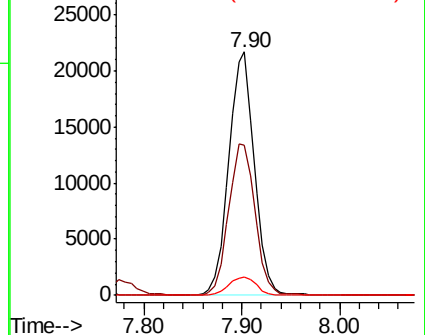
Acq: 31 Oct 2018 20:22

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	83	Resp:	39322
Ion	Ratio	Lower	Upper
83	100		
85	61.8	50.2	75.4
127	7.7	6.9	10.3



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 18.862 ug/l

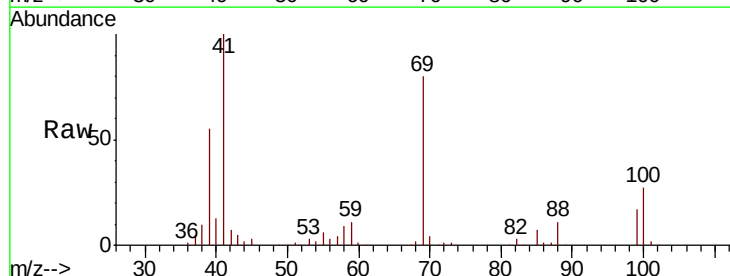
RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

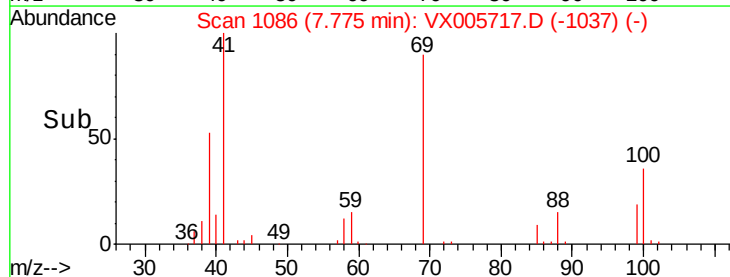
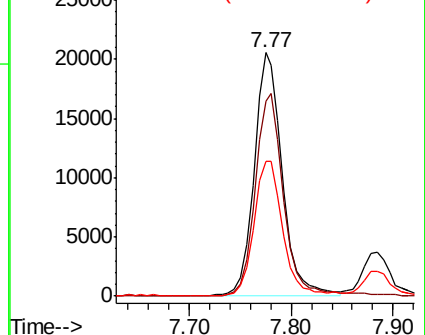
Lab File: VX005717.D

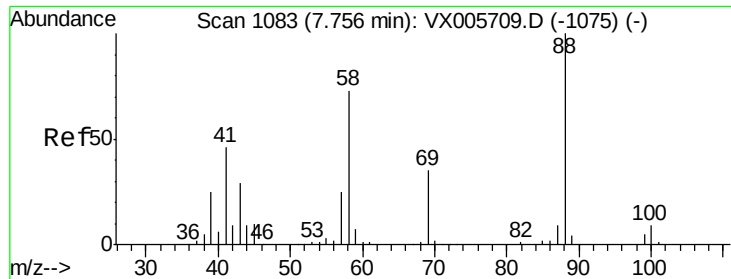
Acq: 31 Oct 2018 20:22

Tgt Ion:	41	Resp:	39619
Ion	Ratio	Lower	Upper
41	100		
69	84.6	63.2	94.8
39	57.3	42.2	63.2



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

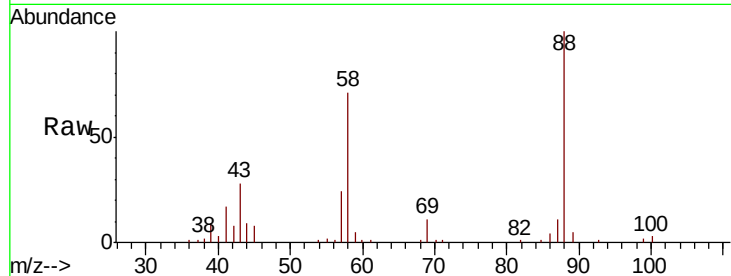




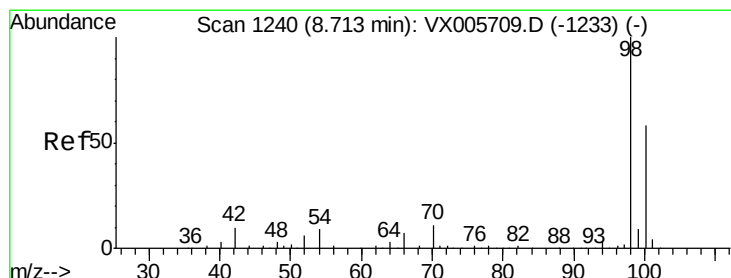
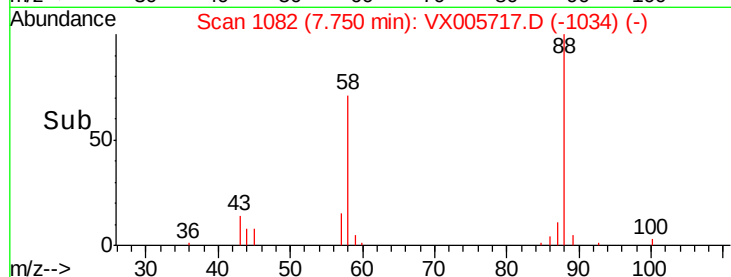
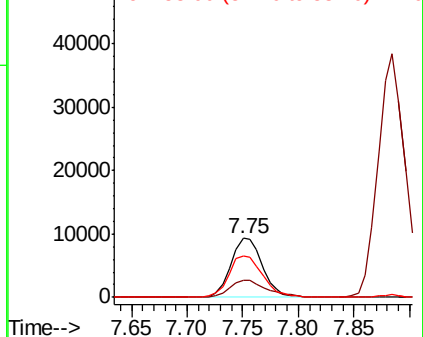
#49
1,4-Dioxane
Concen: 390.328 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX005717.D
Acq: 31 Oct 2018 20:22

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 18257
Ion Ratio Lower Upper
88 100
43 34.9 27.4 41.0
58 76.8 59.4 89.2

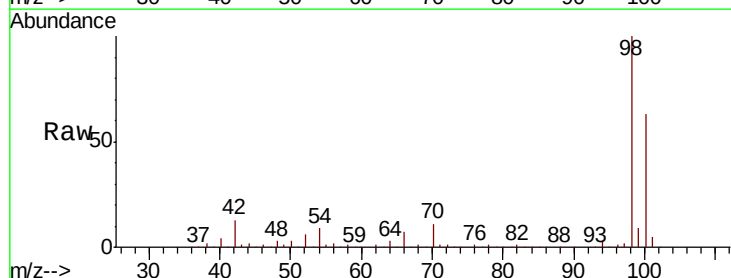


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

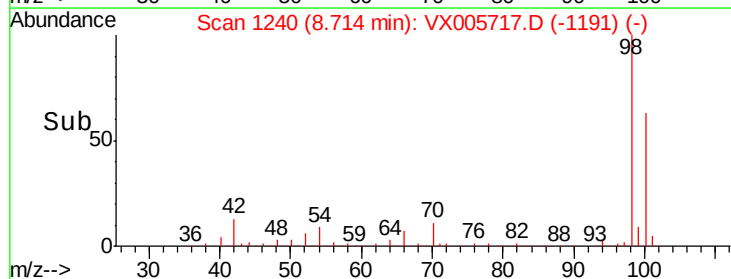
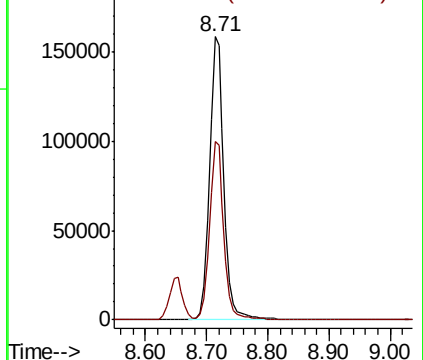


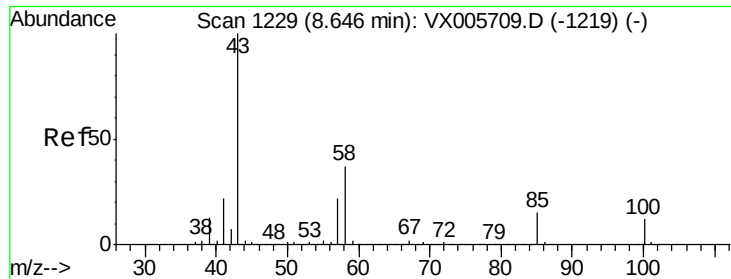
#50
Toluene-d8
Concen: 48.914 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX005717.D
Acq: 31 Oct 2018 20:22

Tgt Ion: 98 Resp: 261312
Ion Ratio Lower Upper
98 100
100 62.8 51.3 76.9



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: 94.193 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX005717.D

Acq: 31 Oct 2018 20:22

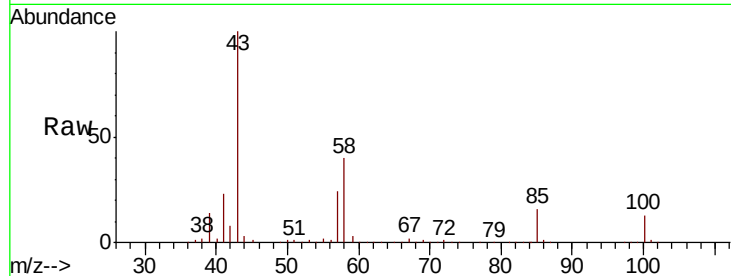
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 278739

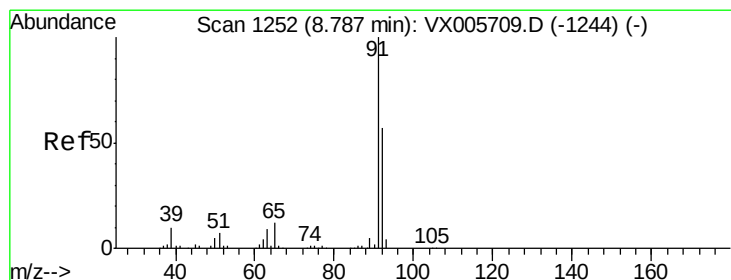
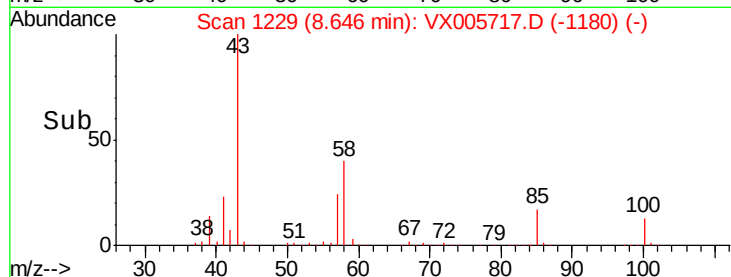
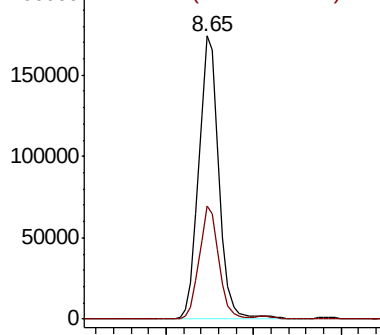
Ion Ratio Lower Upper

43 100

58 38.7 29.7 44.5



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



#52

Toluene

Concen: 19.630 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX005717.D

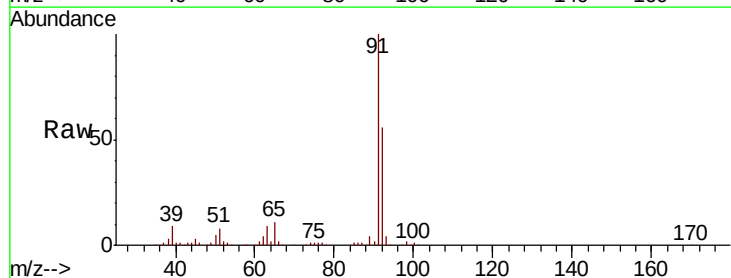
Acq: 31 Oct 2018 20:22

Tgt Ion: 92 Resp: 74035

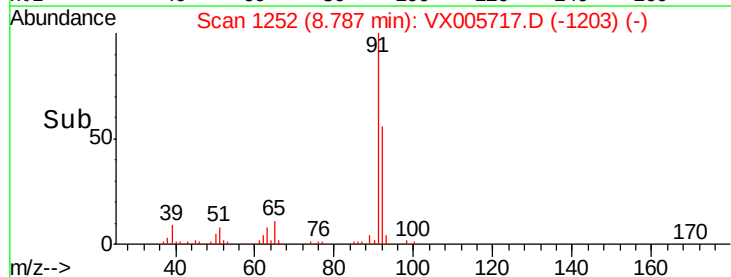
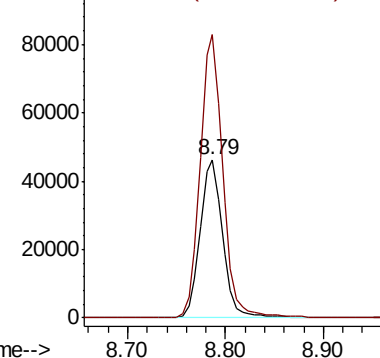
Ion Ratio Lower Upper

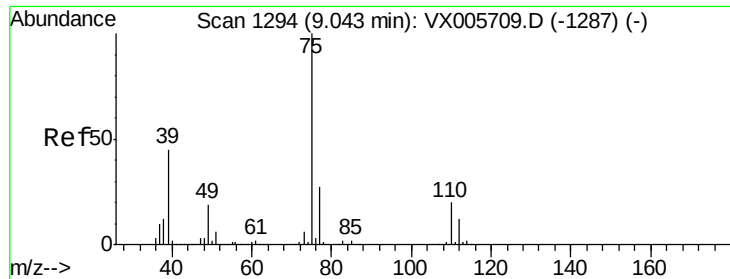
92 100

91 180.3 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0
Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 18.468 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX005717.D

Acq: 31 Oct 2018 20:22

Instrument :

MSVOA_X

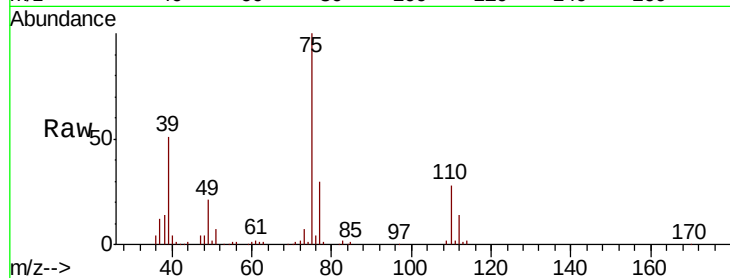
ClientSampleId :

Tot Ion: 75 Resp: 42871

Ion Ratio Lower Upper

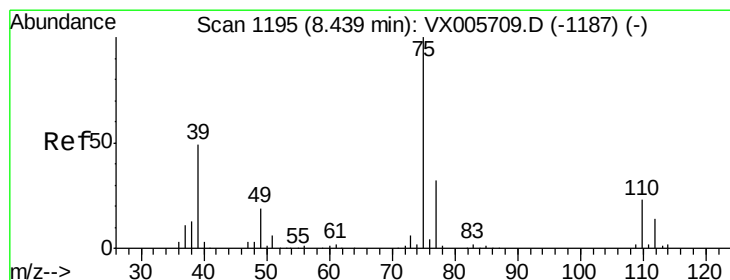
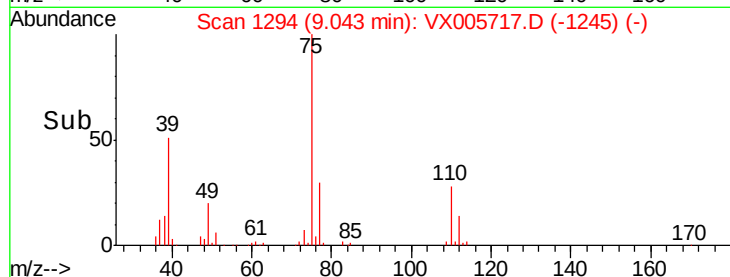
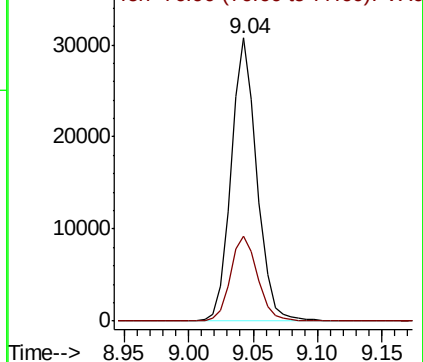
75 100

77 29.9 25.4 38.2



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: 19.343 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. 0.00 min

Lab File: VX005717.D

Acq: 31 Oct 2018 20:22

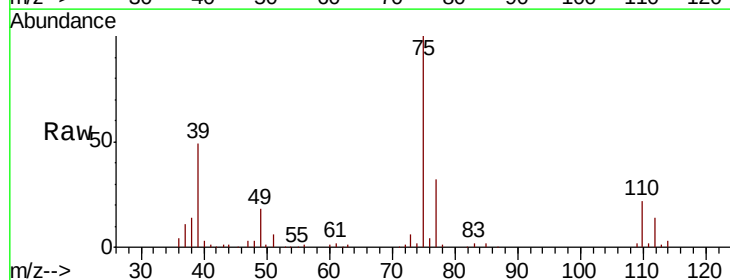
Tgt Ion: 75 Resp: 48108

Ion Ratio Lower Upper

75 100

77 31.6 25.2 37.8

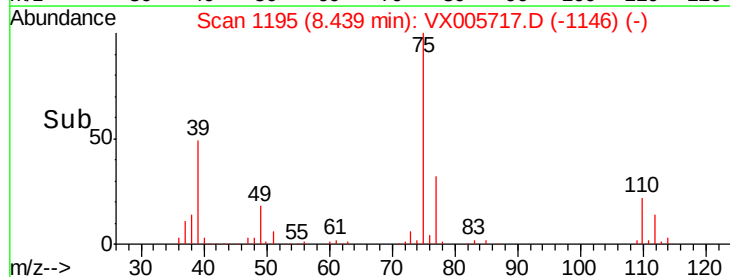
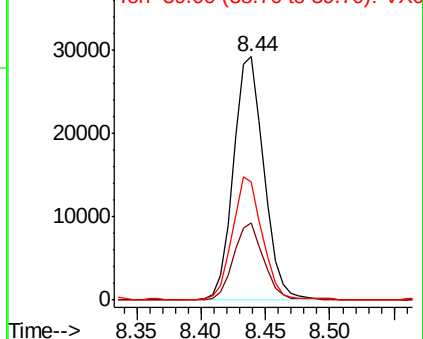
39 48.3 38.2 57.2

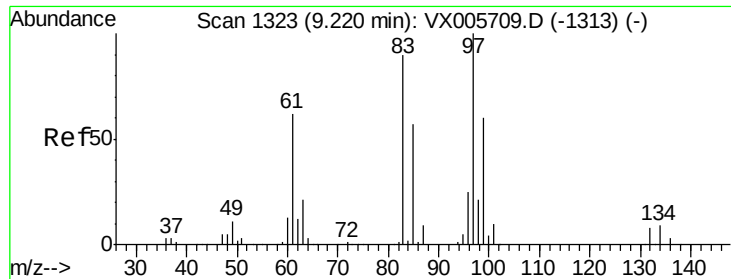


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0



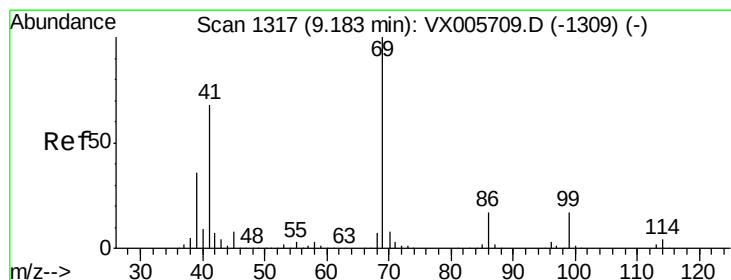
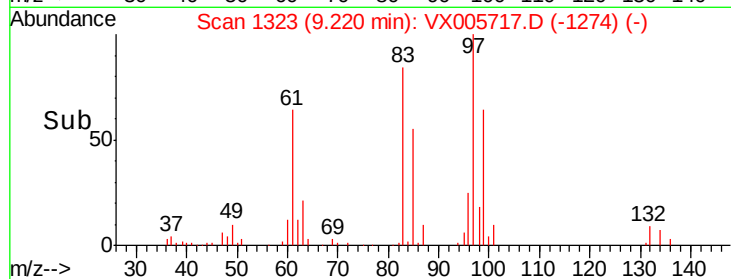
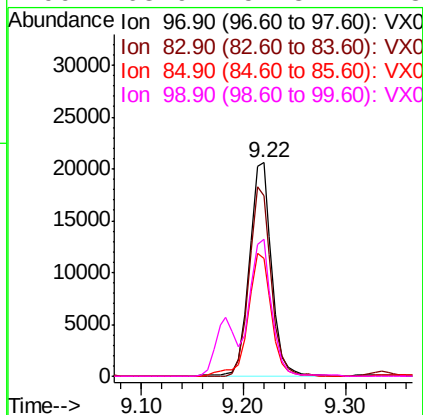
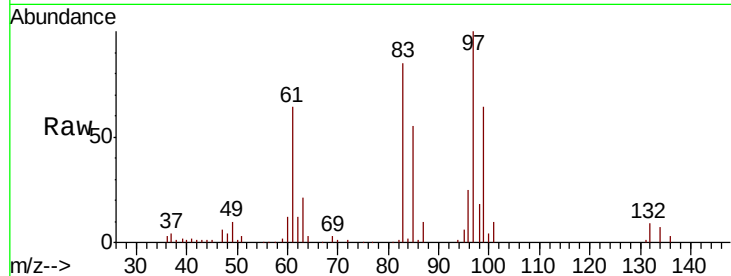


#55
 1,1,2-Trichloroethane
 Concen: 19.213 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: VX005717.D
 Acq: 31 Oct 2018 20:22

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 97 Resp: 31468

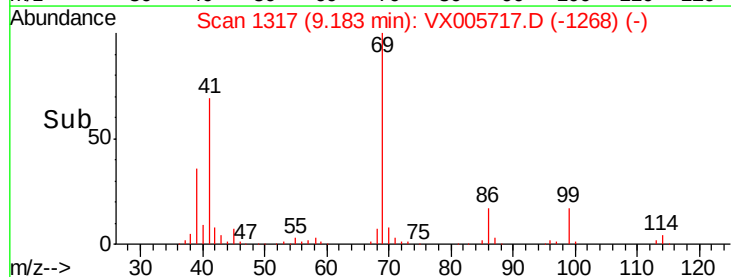
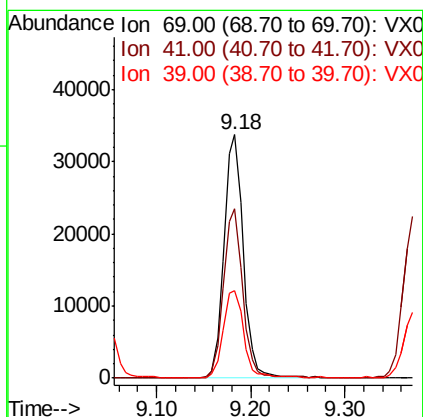
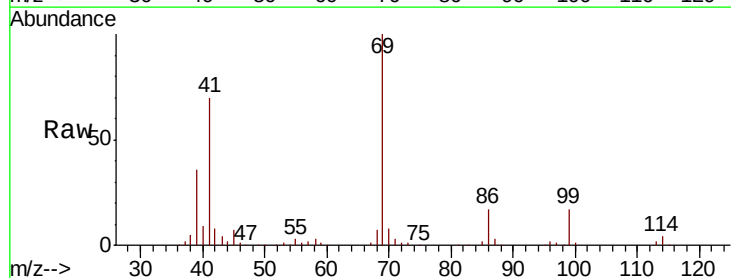
Ion	Ratio	Lower	Upper
97	100		
83	84.7	70.7	106.1
85	55.2	45.8	68.6
99	63.9	51.8	77.8

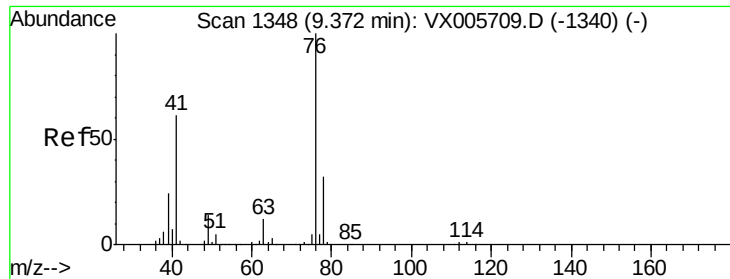


#56
 Ethyl methacrylate
 Concen: 18.899 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX005717.D
 Acq: 31 Oct 2018 20:22

Tgt Ion: 69 Resp: 48049

Ion	Ratio	Lower	Upper
69	100		
41	70.0	57.0	85.6
39	38.2	28.3	42.5

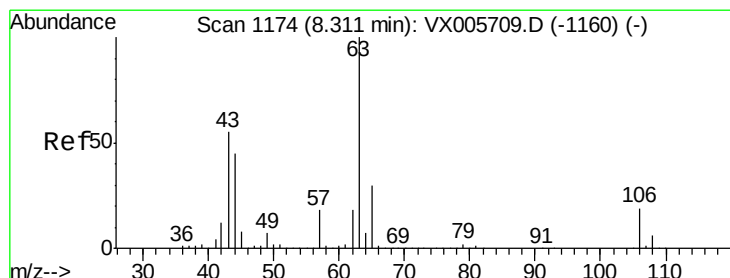
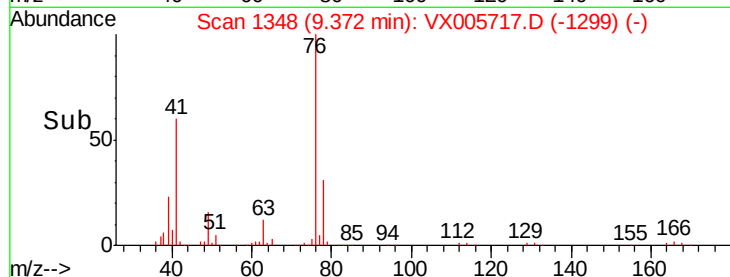
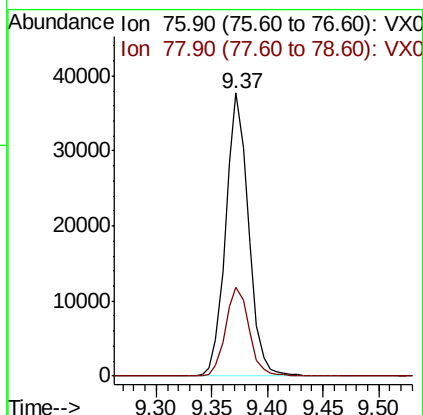
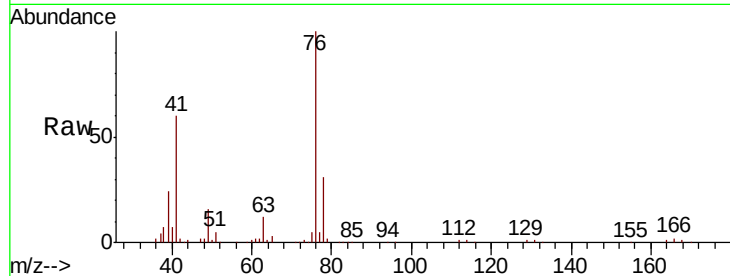




#57
 1,3-Dichloropropane
 Concen: 19.034 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX005717.D
 Acq: 31 Oct 2018 20:22

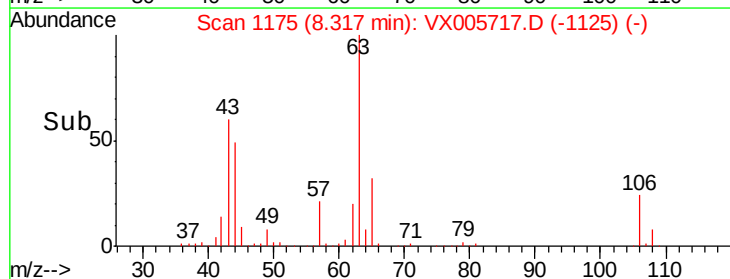
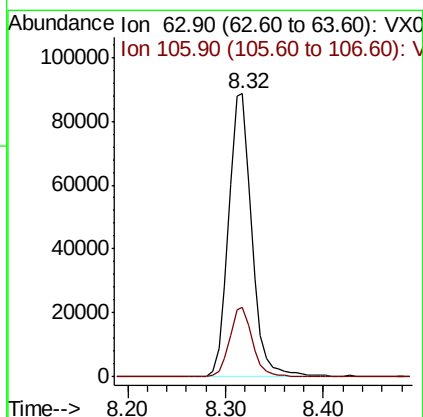
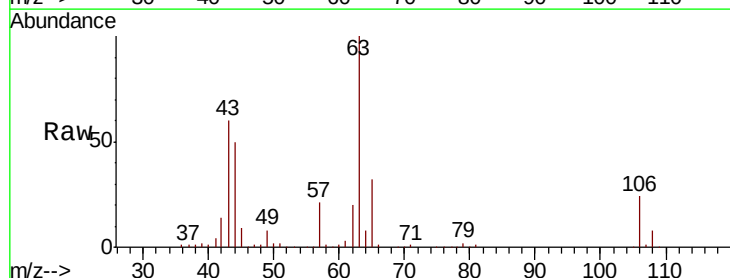
Instrument :
 MSVOA_X
 ClientSampleId :

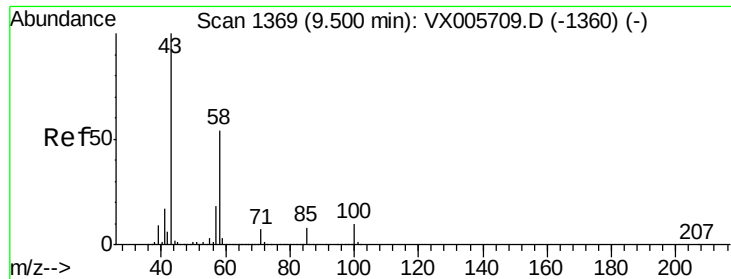
Tot Ion: 76 Resp: 53553
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.3 37.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 98.840 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. 0.01 min
 Lab File: VX005717.D
 Acq: 31 Oct 2018 20:22

Tgt Ion: 63 Resp: 145782
 Ion Ratio Lower Upper
 63 100
 106 24.3 21.3 31.9

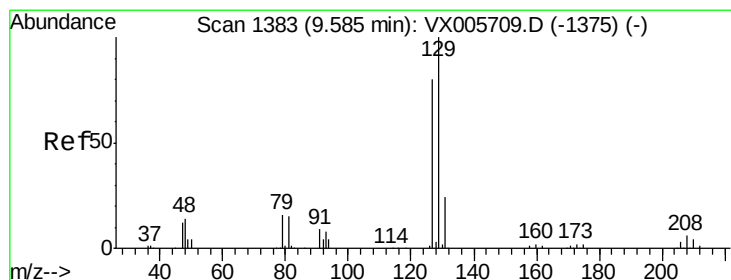
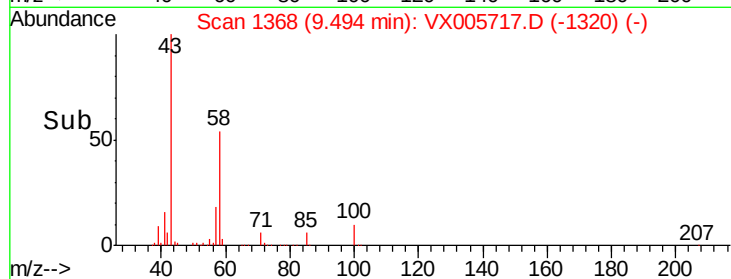
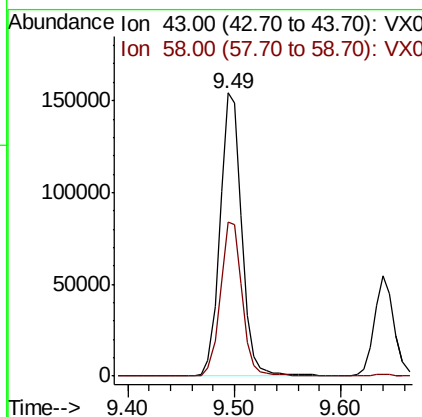
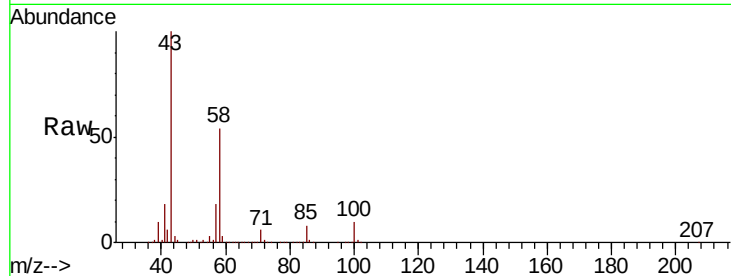




#59
2-Hexanone
Concen: 90.838 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX005717.D
Acq: 31 Oct 2018 20:22

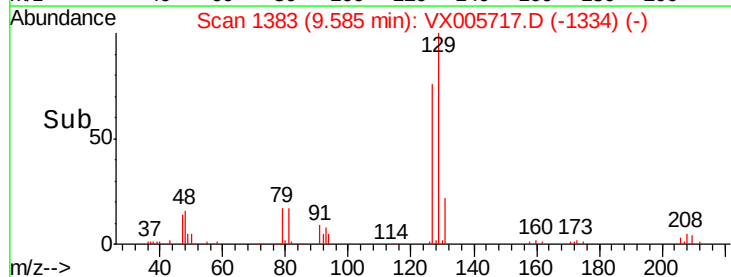
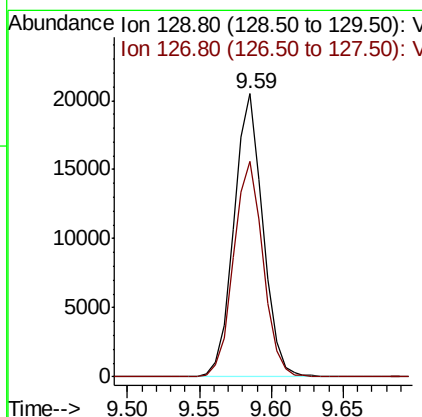
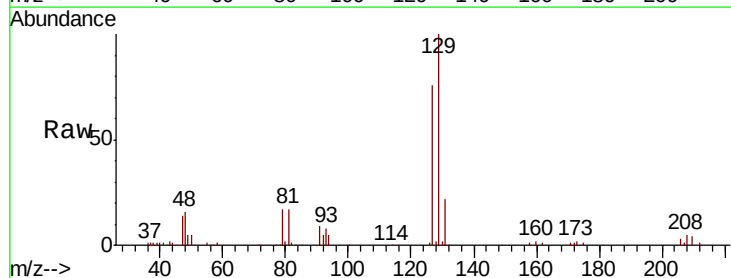
Instrument :
MSVOA_X
ClientSampleId :

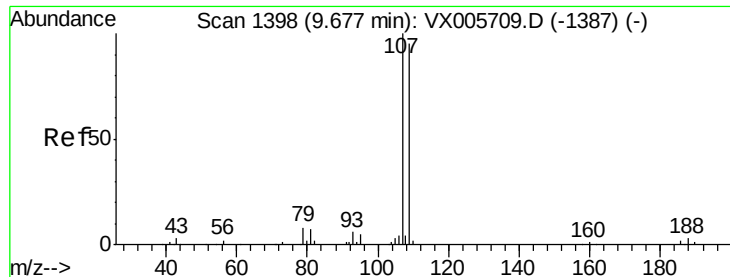
Tot Ion: 43 Resp: 218760
Ion Ratio Lower Upper
43 100
58 54.6 25.9 77.8



#60
Dibromochloromethane
Concen: 18.213 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX005717.D
Acq: 31 Oct 2018 20:22

Tgt Ion:129 Resp: 28826
Ion Ratio Lower Upper
129 100
127 77.5 38.9 116.7





#61

1,2-Dibromoethane

Concen: 19.204 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.01 min

Lab File: VX005717.D

Acq: 31 Oct 2018 20:22

Instrument :

MSVOA_X

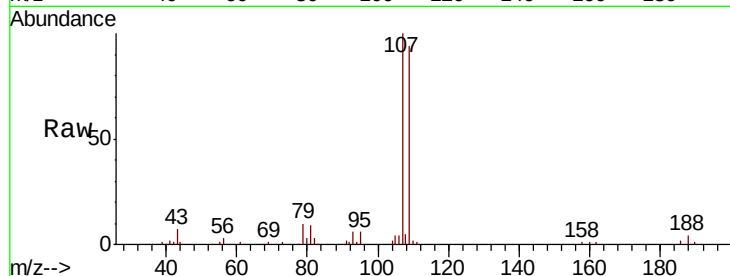
ClientSampleId :

Tot Ion:107 Resp: 32051

Ion Ratio Lower Upper

107 100

109 93.1 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

25000

20000

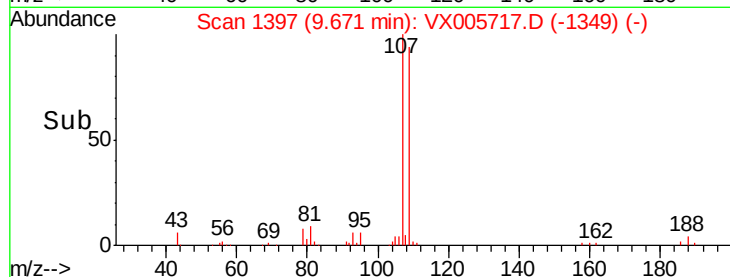
15000

10000

5000

0

Time-->

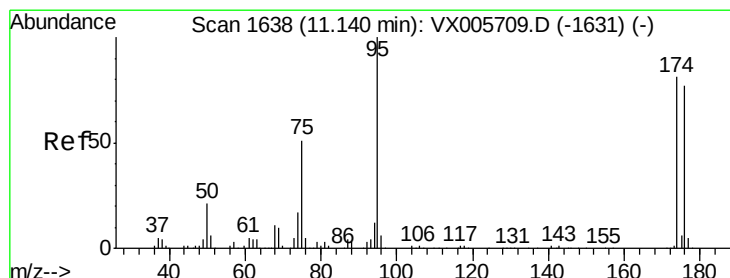


9.67

9.65

9.70

9.75



#62

4-Bromofluorobenzene

Concen: 48.225 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005717.D

Acq: 31 Oct 2018 20:22

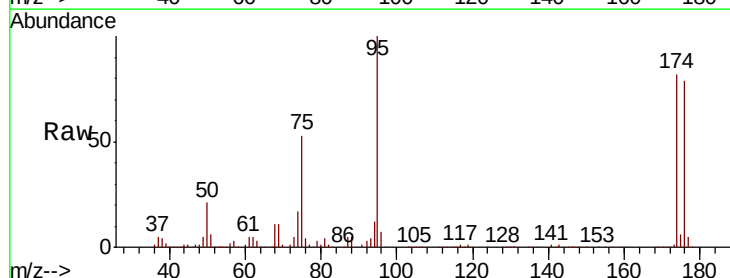
Tgt Ion: 95 Resp: 95085

Ion Ratio Lower Upper

95 100

174 77.8 0.0 184.4

176 74.9 0.0 177.4



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

100000

80000

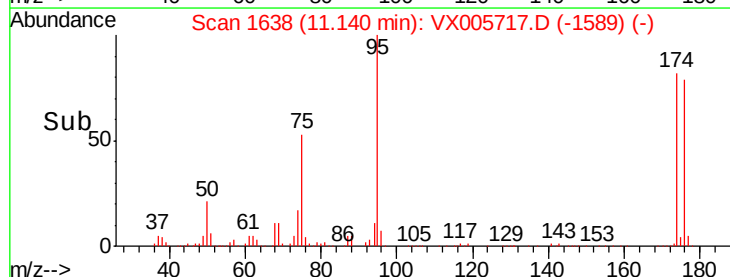
60000

40000

20000

0

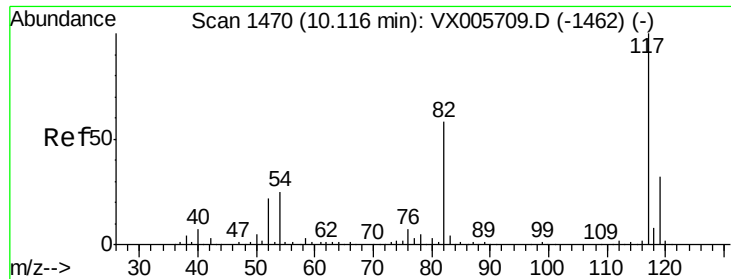
Time-->



11.14

11.10

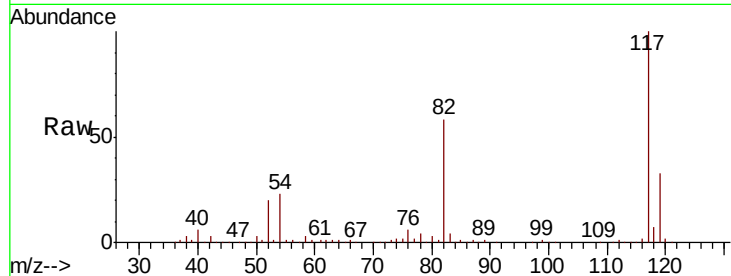
11.20



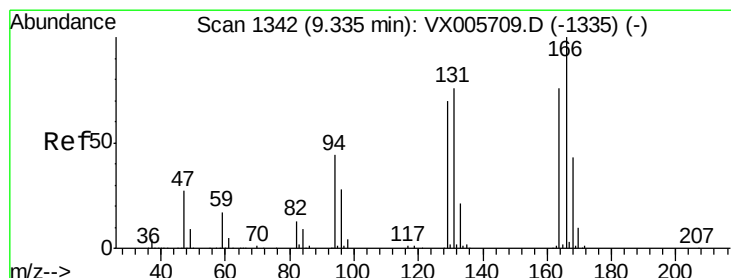
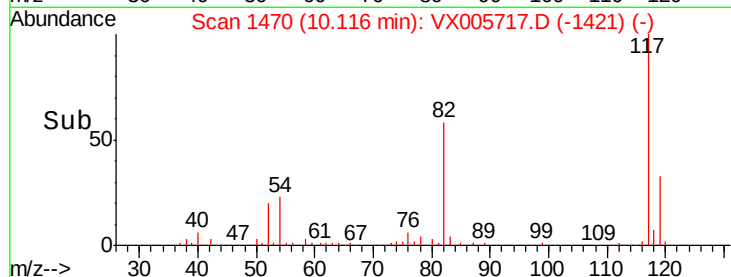
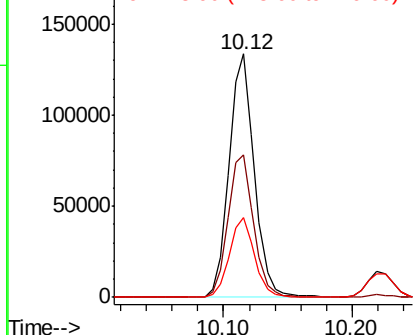
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005717.D
Acq: 31 Oct 2018 20:22

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 183719
Ion Ratio Lower Upper
117 100
82 58.3 44.1 66.1
119 32.6 26.2 39.2

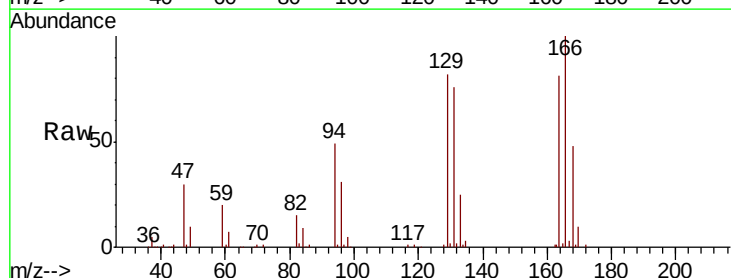


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

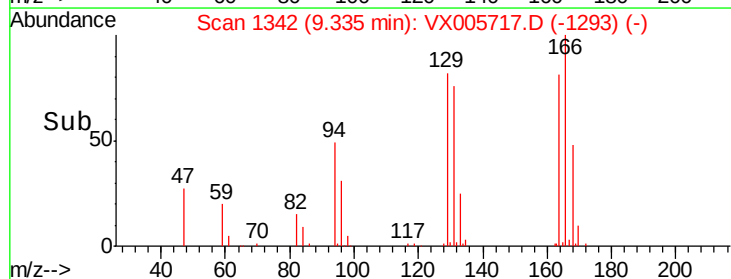
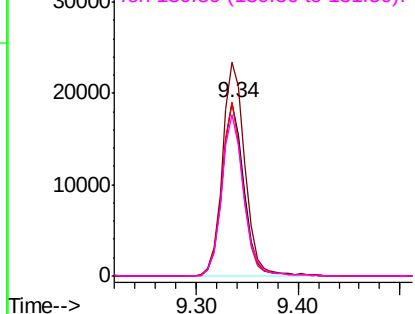


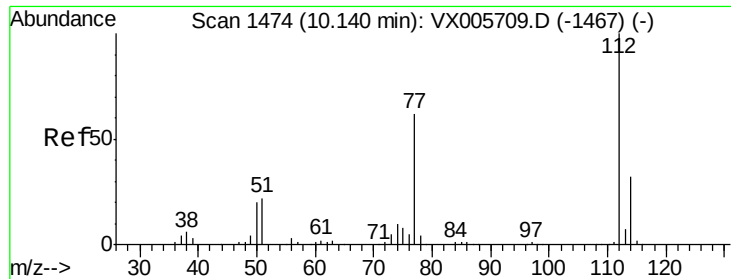
#64
Tetrachloroethene
Concen: 21.096 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX005717.D
Acq: 31 Oct 2018 20:22

Tgt Ion:164 Resp: 28316
Ion Ratio Lower Upper
164 100
166 123.2 101.9 152.9
129 100.7 72.6 109.0
131 93.3 71.1 106.7



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

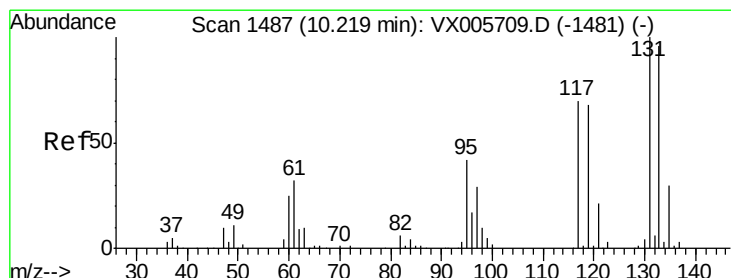
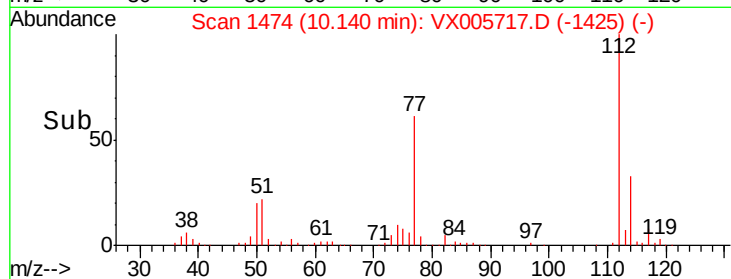
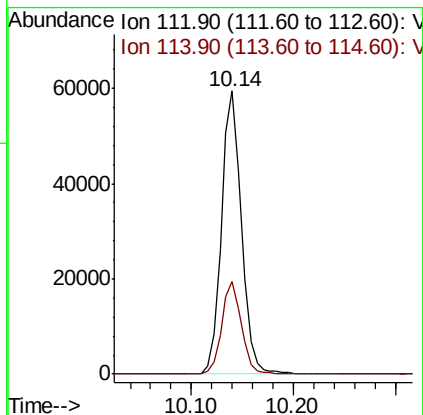
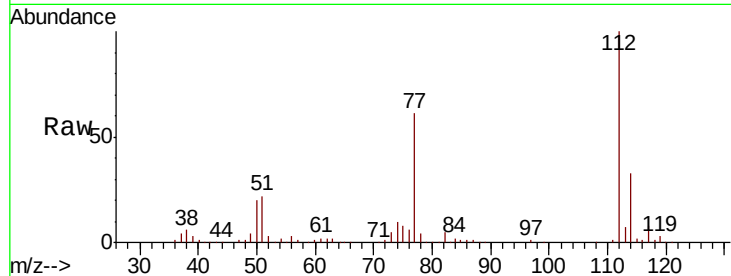




#65
Chlorobenzene
Concen: 20.792 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX005717.D
Acq: 31 Oct 2018 20:22

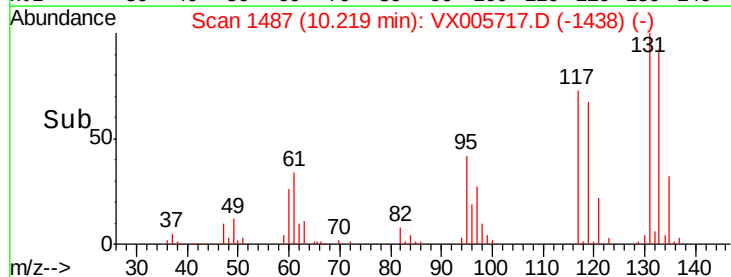
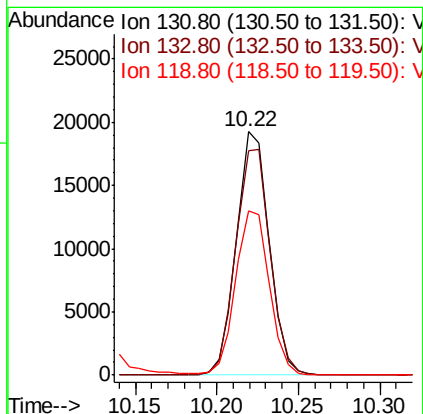
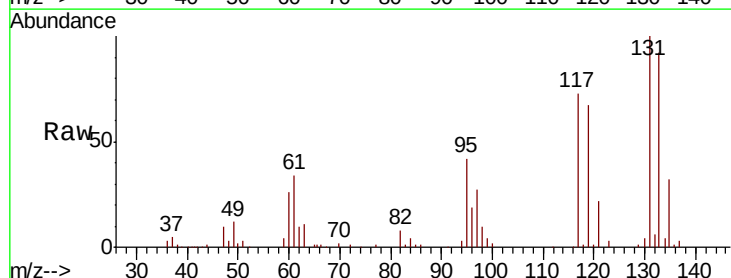
Instrument :
MSVOA_X
ClientSampleId :

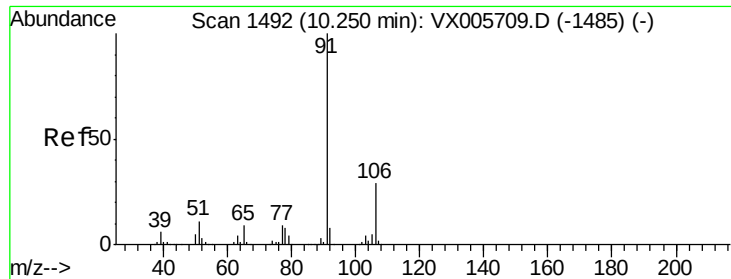
Tot Ion:112 Resp: 81172
Ion Ratio Lower Upper
112 100
114 32.6 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.283 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX005717.D
Acq: 31 Oct 2018 20:22

Tgt Ion:131 Resp: 27108
Ion Ratio Lower Upper
131 100
133 96.7 47.5 142.5
119 69.5 31.8 95.3

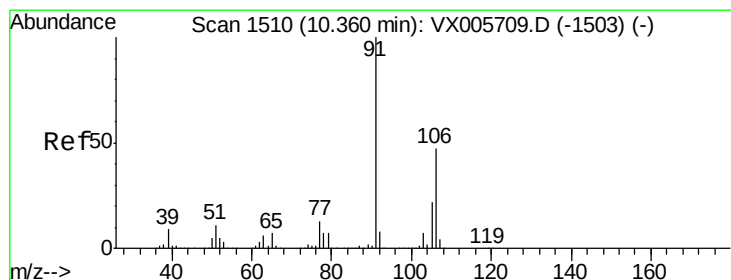
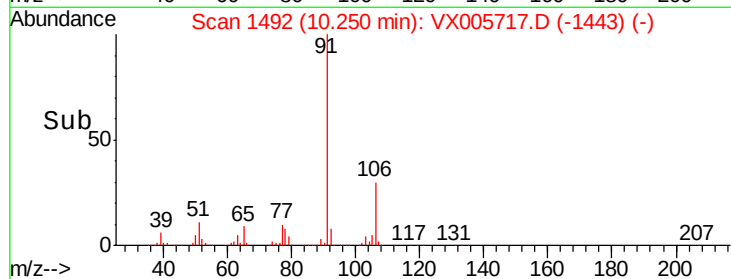
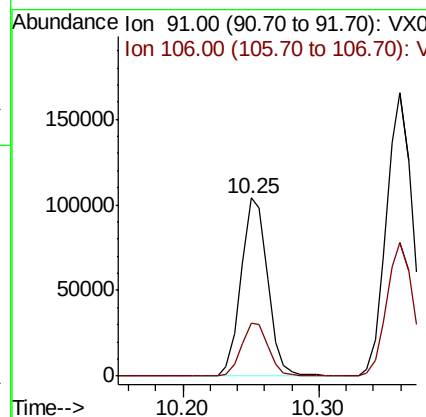
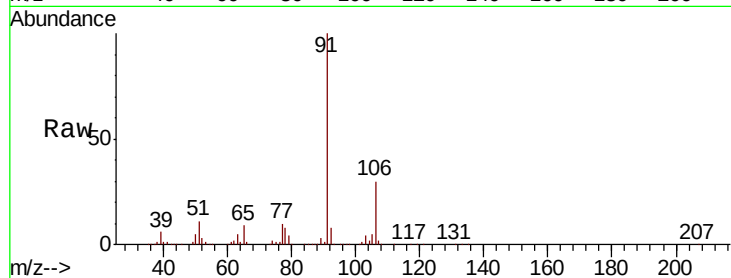




#67
Ethyl Benzene
Concen: 21.270 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX005717.D
Acq: 31 Oct 2018 20:22

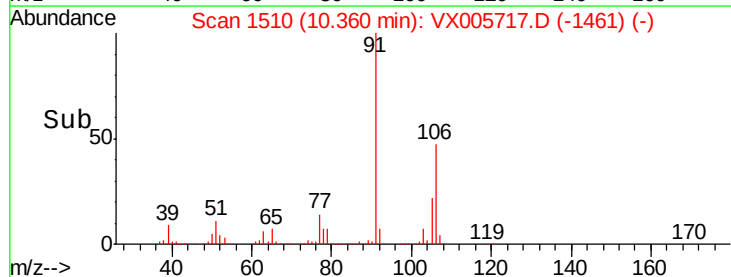
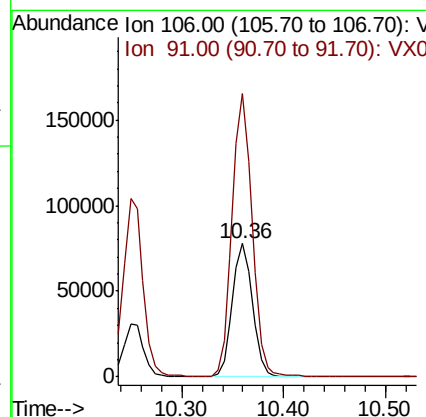
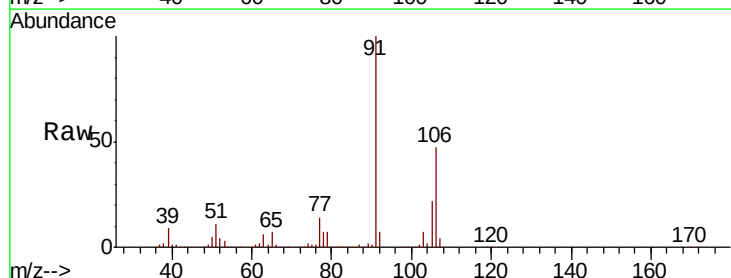
Instrument :
MSVOA_X
ClientSampleId :

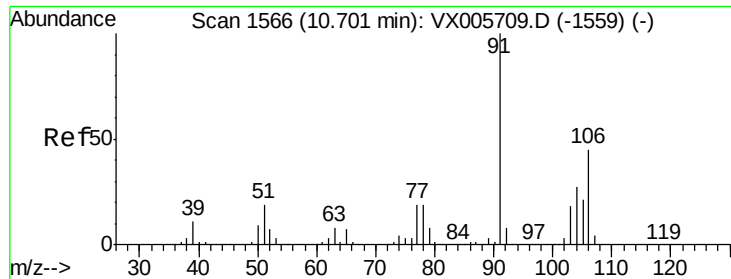
Tot Ion: 91 Resp: 141717
Ion Ratio Lower Upper
91 100
106 29.9 24.4 36.6



#68
m/p-Xylenes
Concen: 43.076 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX005717.D
Acq: 31 Oct 2018 20:22

Tgt Ion: 106 Resp: 106649
Ion Ratio Lower Upper
106 100
91 210.7 164.2 246.4

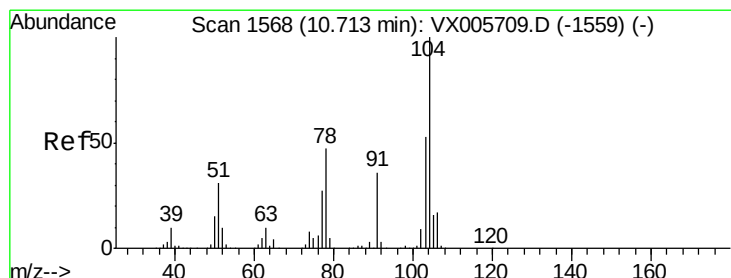
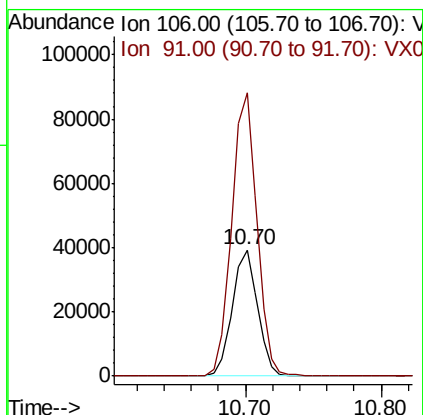
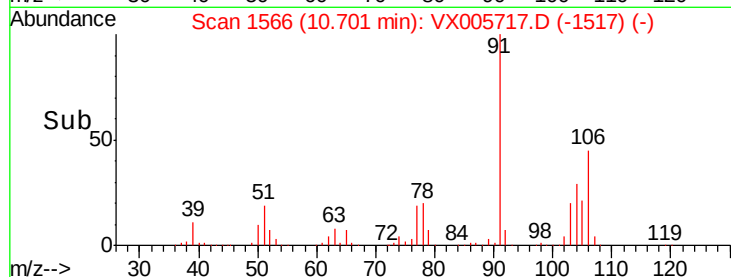
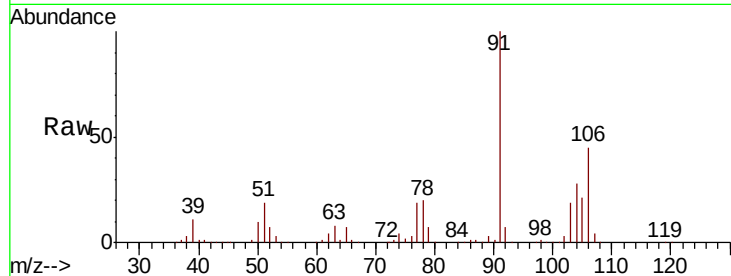




#69
o-Xylene
Concen: 21.525 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX005717.D
Acq: 31 Oct 2018 20:22

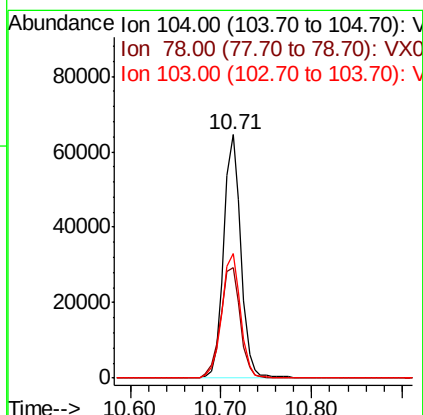
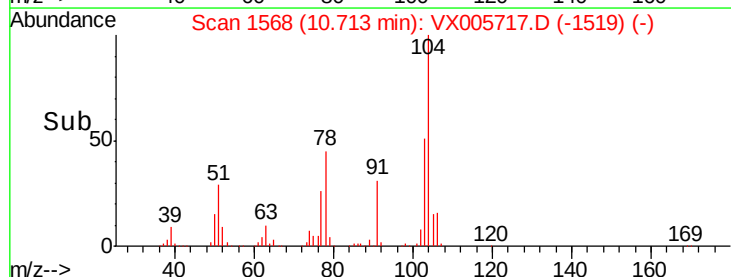
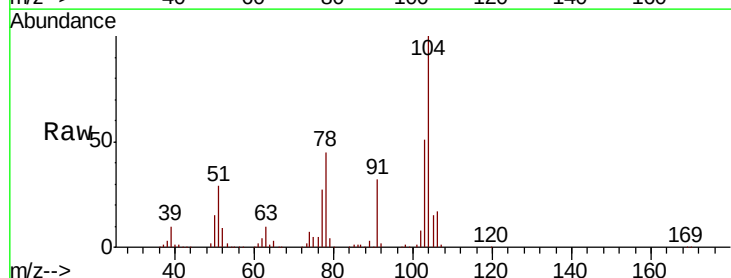
Instrument :
MSVOA_X
ClientSampled :

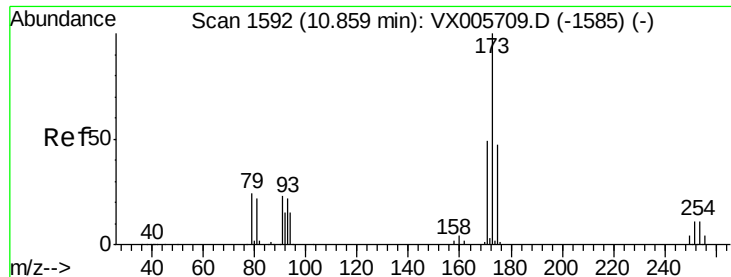
Tot Ion:106 Resp: 50971
Ion Ratio Lower Upper
106 100
91 223.6 108.5 325.5



#70
Styrene
Concen: 21.715 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX005717.D
Acq: 31 Oct 2018 20:22

Tgt Ion:104 Resp: 85404
Ion Ratio Lower Upper
104 100
78 52.4 40.2 60.4
103 55.6 44.9 67.3





#71

Bromoform

Concen: 19.254 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX005717.D

Acq: 31 Oct 2018 20:22

Instrument :

MSVOA_X

ClientSampleId :

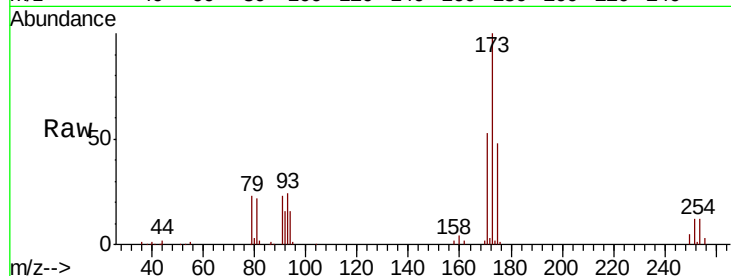
Tot Ion:173 Resp: 20849

Ion Ratio Lower Upper

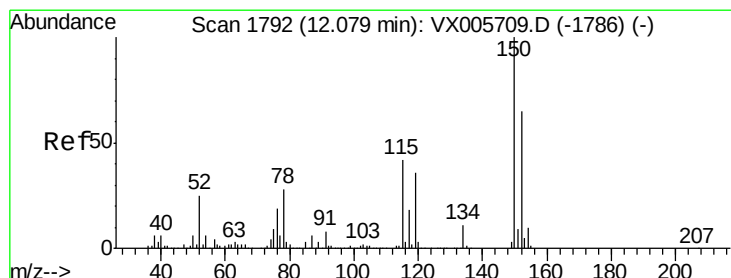
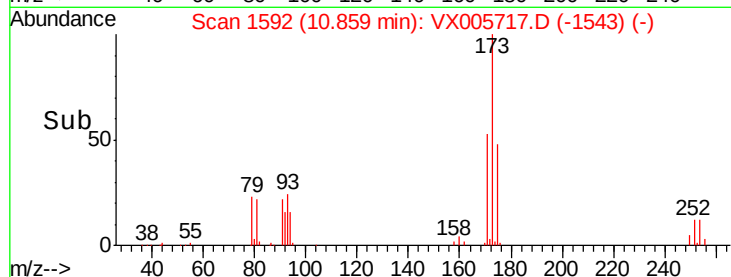
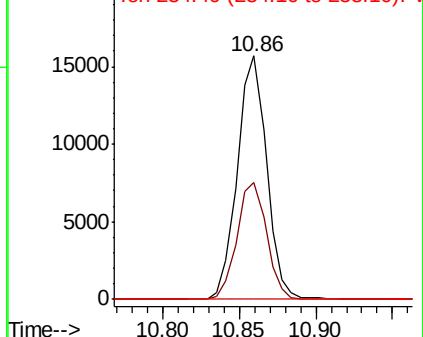
173 100

175 48.5 24.8 74.3

254 0.0 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX005717.D

Acq: 31 Oct 2018 20:22

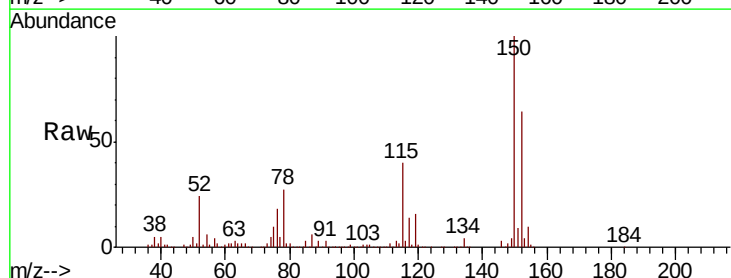
Tgt Ion:152 Resp: 92318

Ion Ratio Lower Upper

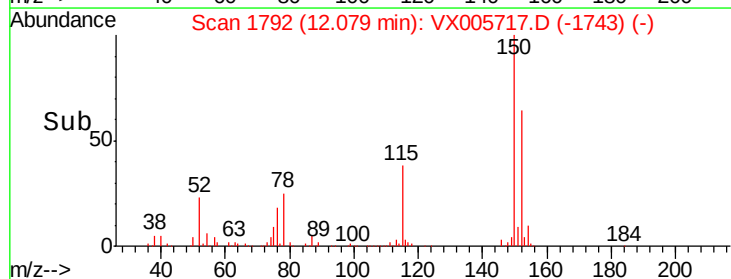
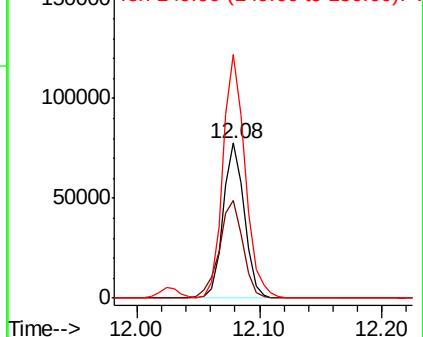
152 100

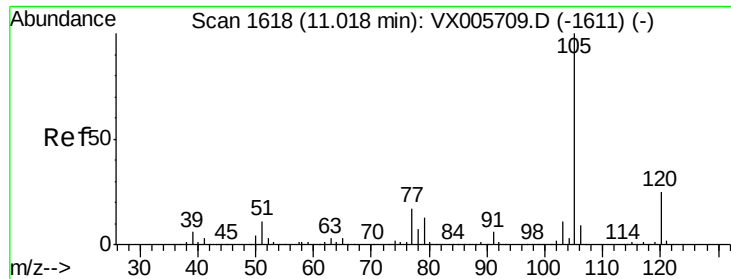
115 71.3 39.4 118.1

150 165.8 0.0 346.4



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: 23.286 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX005717.D

Acq: 31 Oct 2018 20:22

Instrument :

MSVOA_X

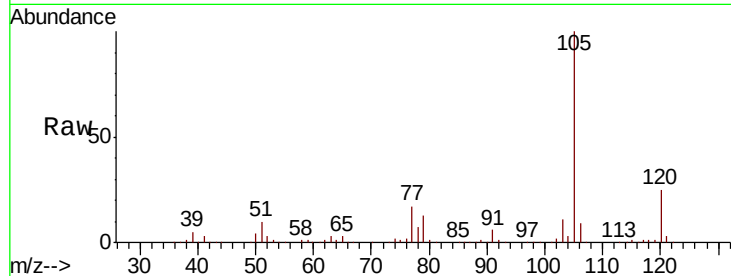
ClientSampleId :

Tot Ion:105 Resp: 141823

Ion Ratio Lower Upper

105 100

120 25.3 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

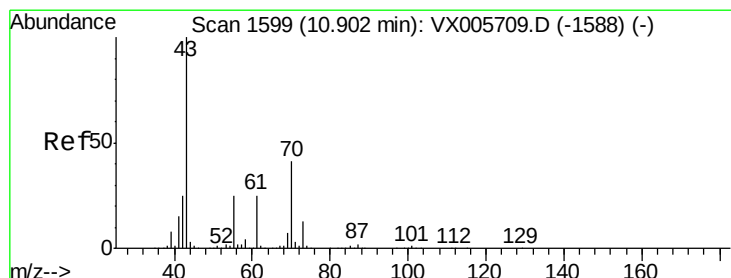
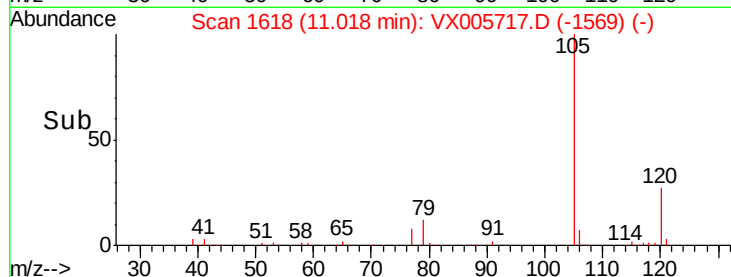
11.02

100000

50000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 21.185 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.01 min

Lab File: VX005717.D

Acq: 31 Oct 2018 20:22

Tgt Ion: 43 Resp: 68696

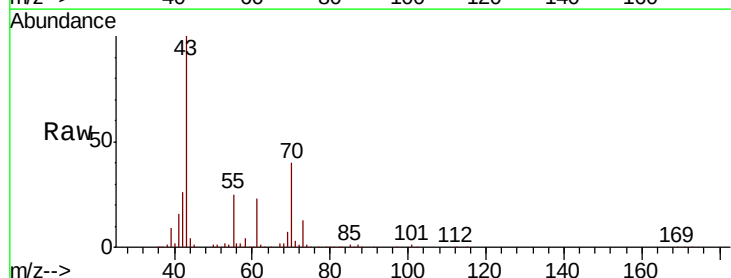
Ion Ratio Lower Upper

43 100

70 41.8 31.6 47.4

55 25.9 19.7 29.5

61 24.3 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

10.90

80000

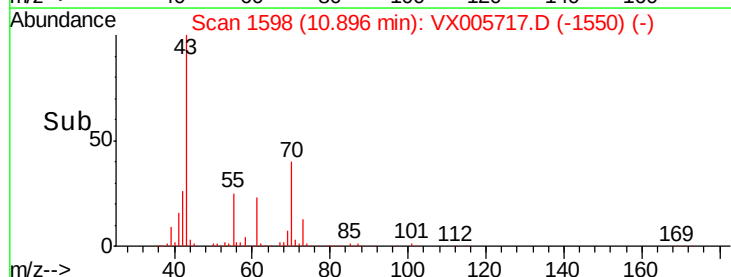
60000

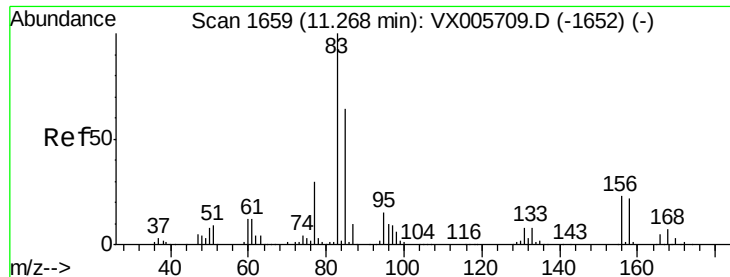
40000

20000

0

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 20.751 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX005717.D

Acq: 31 Oct 2018 20:22

Instrument :

MSVOA_X

ClientSampleId :

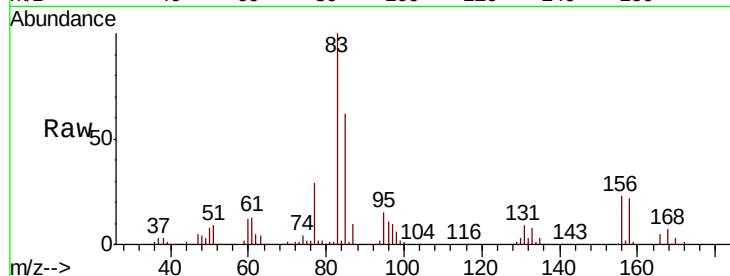
Tot Ion: 83 Resp: 52435

Ion Ratio Lower Upper

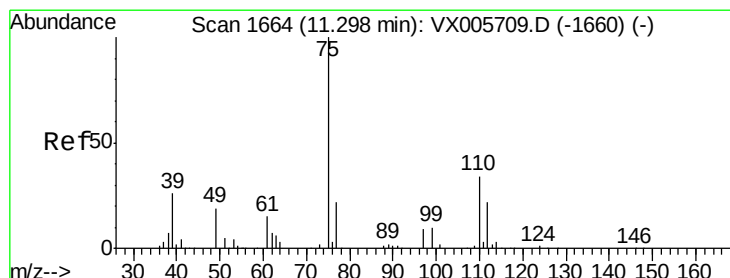
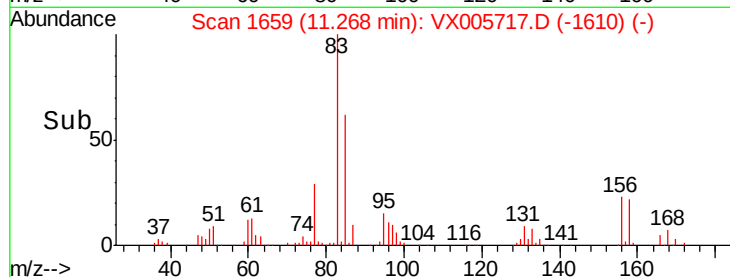
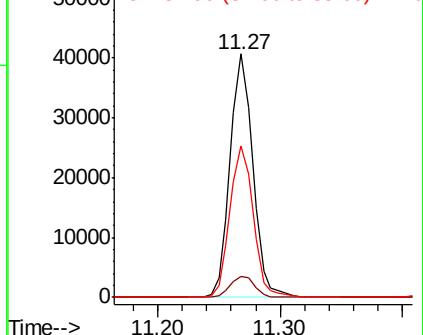
83 100

131 9.0 5.3 15.9

85 63.8 32.0 96.2



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



#76

1,2,3-Trichloropropane

Concen: 26.414 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX005717.D

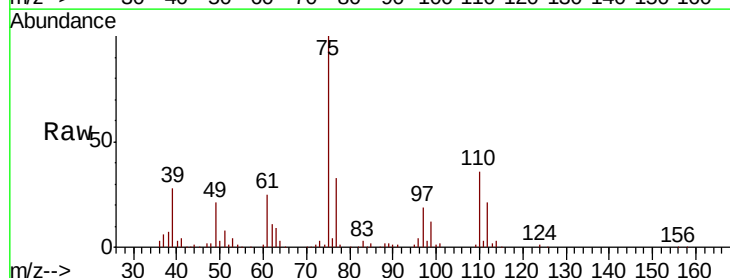
Acq: 31 Oct 2018 20:22

Tgt Ion: 75 Resp: 60734

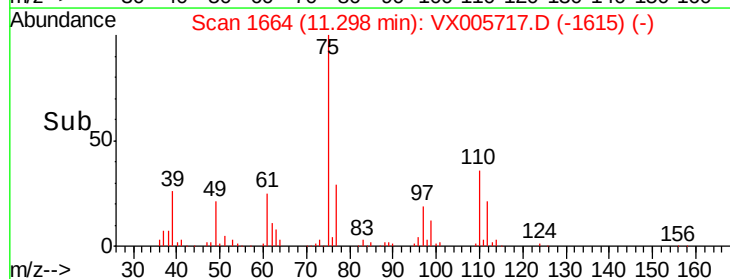
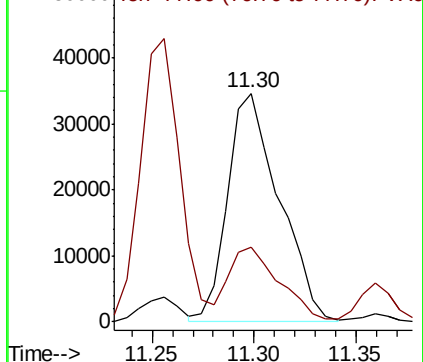
Ion Ratio Lower Upper

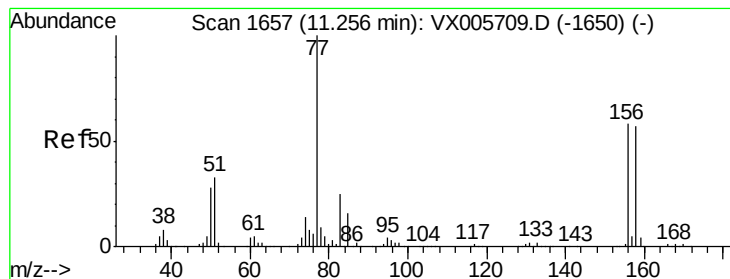
75 100

77 31.9 20.5 61.6



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





#77

Bromobenzene

Concen: 22.199 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX005717.D

Acq: 31 Oct 2018 20:22

Instrument :

MSVOA_X

ClientSampled :

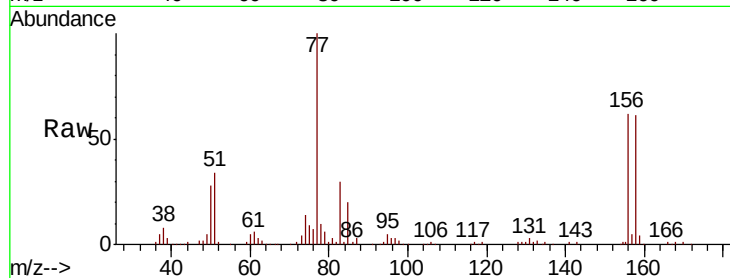
Tot Ion:156 Resp: 33539

Ion Ratio Lower Upper

156 100

77 173.0 74.8 224.4

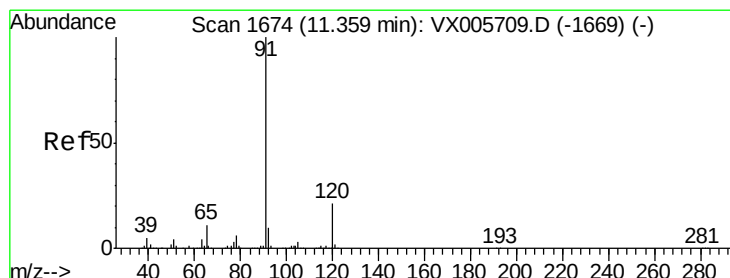
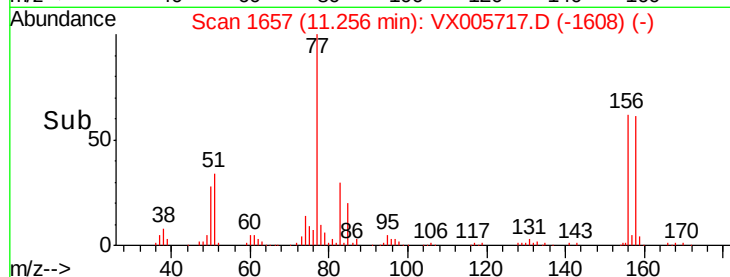
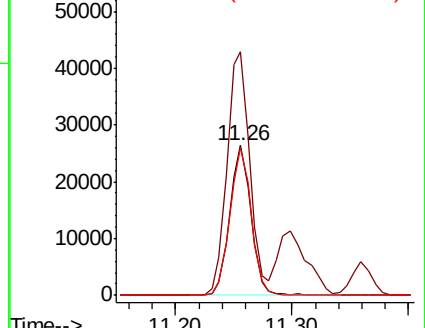
158 98.7 49.1 147.3



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: 22.625 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX005717.D

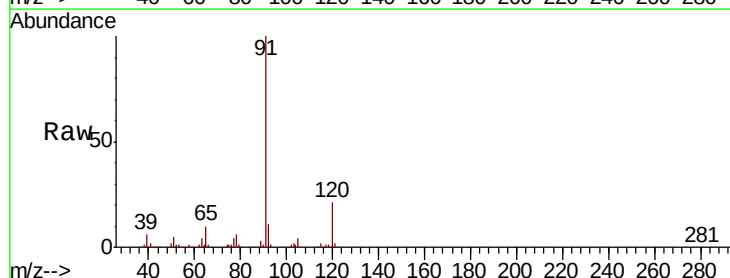
Acq: 31 Oct 2018 20:22

Tgt Ion: 91 Resp: 167637

Ion Ratio Lower Upper

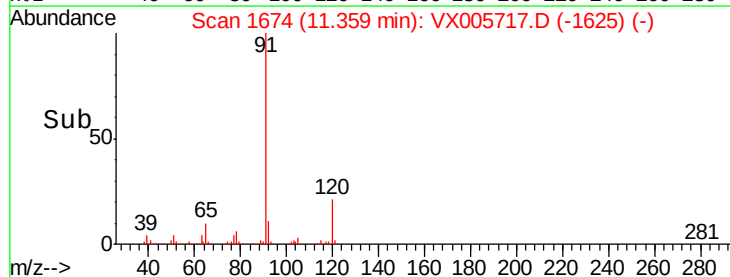
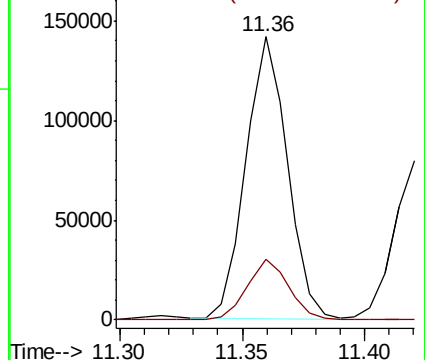
91 100

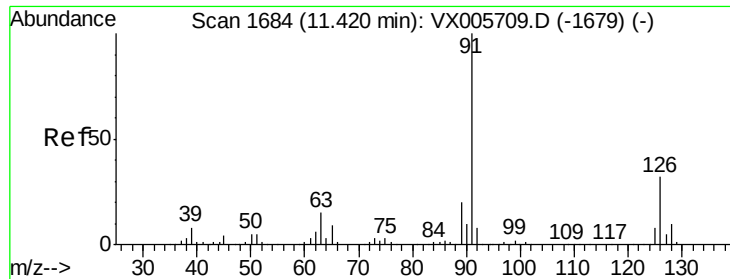
120 21.8 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

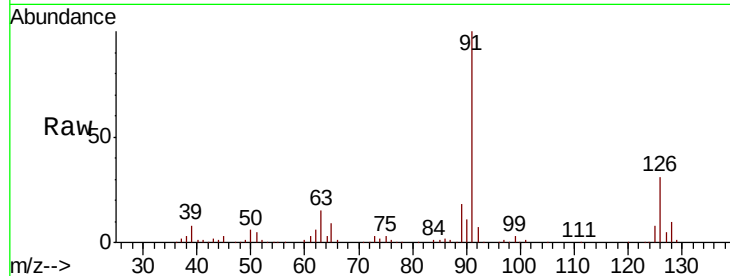




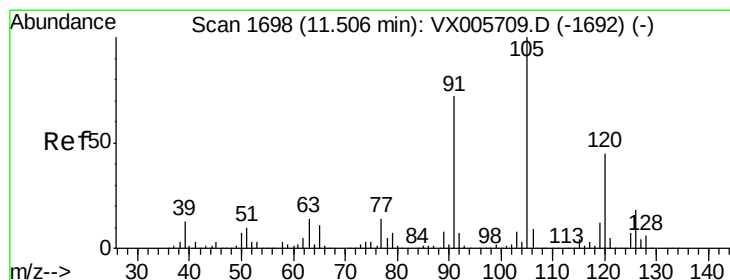
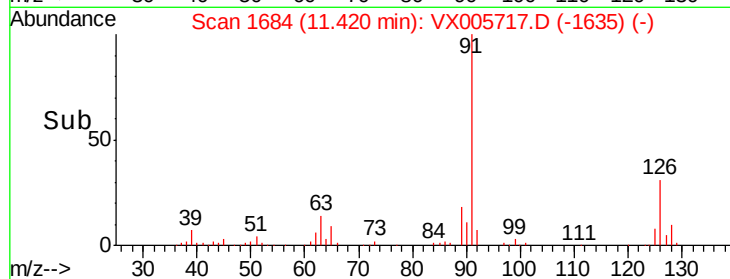
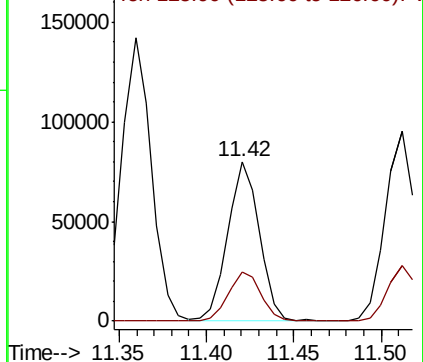
#79
 2-Chlorotoluene
 Concen: 22.503 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX005717.D
 Acq: 31 Oct 2018 20:22

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 91 Resp: 99583
 Ion Ratio Lower Upper
 91 100
 126 32.1 17.3 52.0

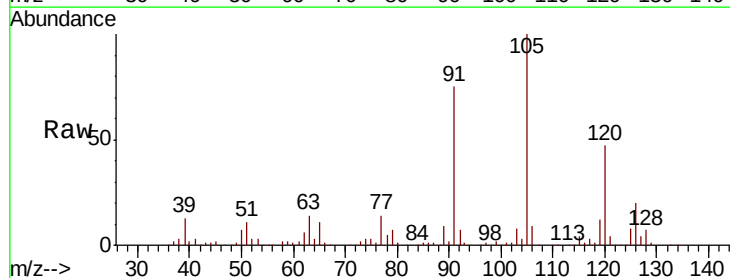


Abundance Ion 91.00 (90.70 to 91.70): VX005709.D (-1679) (-)
 Ion 125.90 (125.60 to 126.60): VX005709.D (-1679) (-)

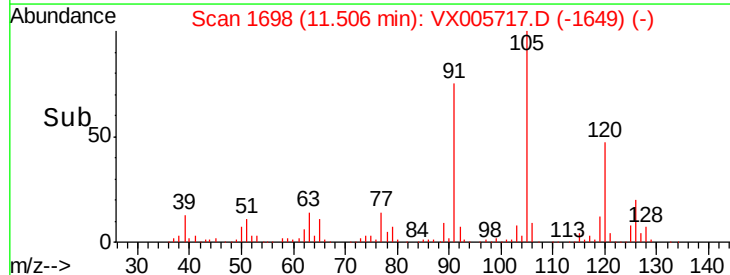
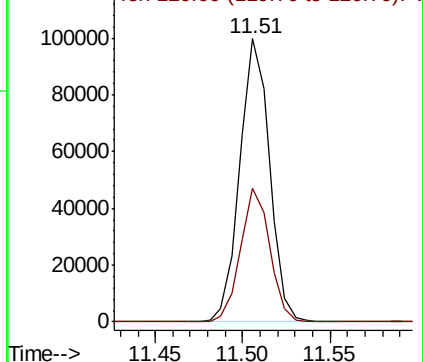


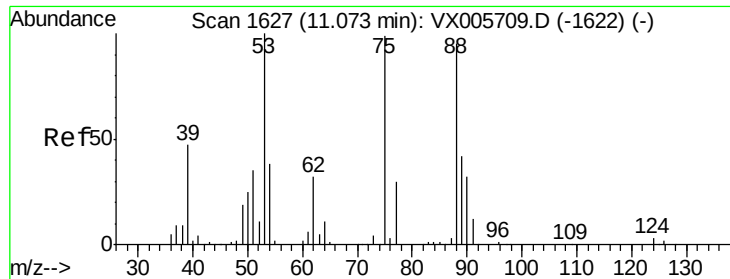
#80
 1,3,5-Trimethylbenzene
 Concen: 22.749 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX005717.D
 Acq: 31 Oct 2018 20:22

Tgt Ion: 105 Resp: 117647
 Ion Ratio Lower Upper
 105 100
 120 46.8 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VX005709.D (-1692) (-)
 Ion 120.00 (119.70 to 120.70): VX005709.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.647 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX005717.D

Acq: 31 Oct 2018 20:22

Instrument :

MSVOA_X

ClientSampleId :

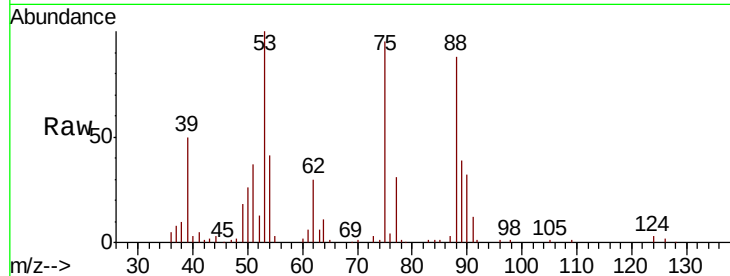
Tot Ion: 75 Resp: 13982

Ion Ratio Lower Upper

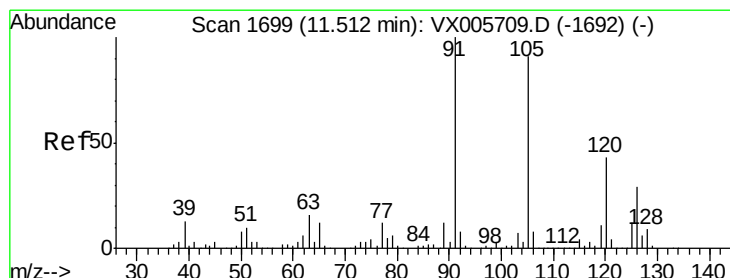
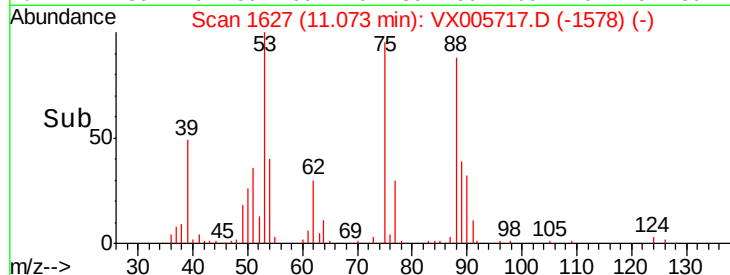
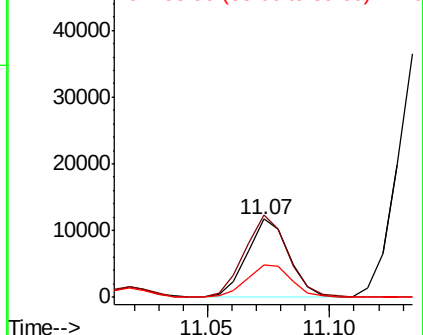
75 100

53 109.2 80.2 120.2

89 44.4 39.8 59.8



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: 21.910 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX005717.D

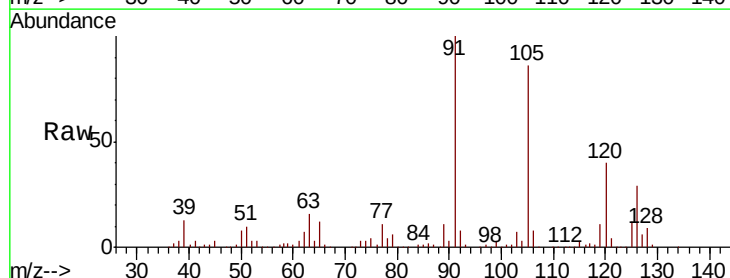
Acq: 31 Oct 2018 20:22

Tgt Ion: 91 Resp: 115753

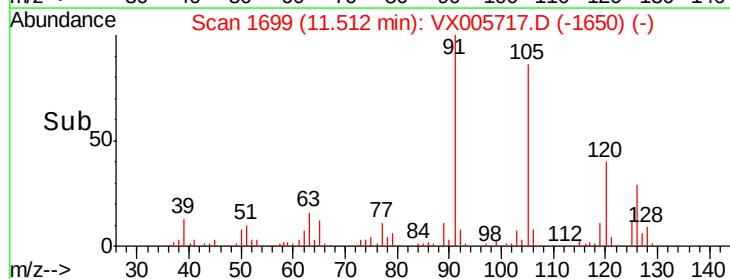
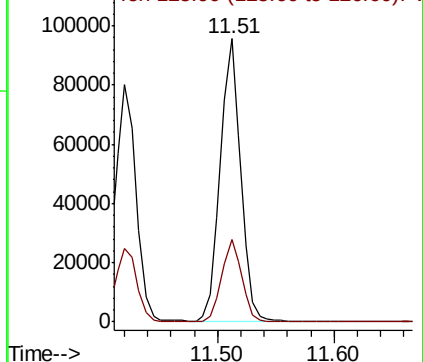
Ion Ratio Lower Upper

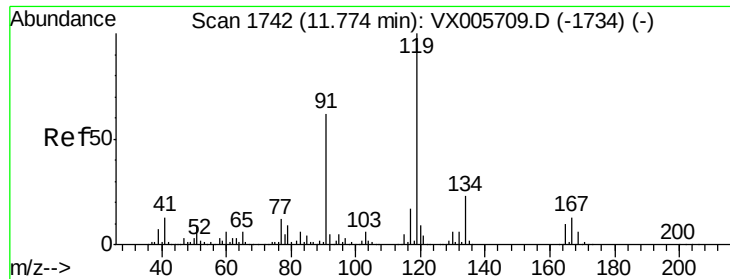
91 100

126 28.7 15.2 45.6



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

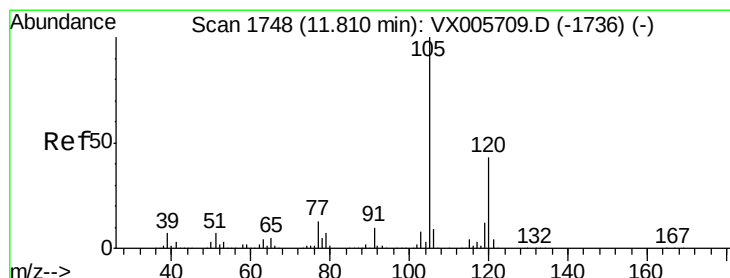
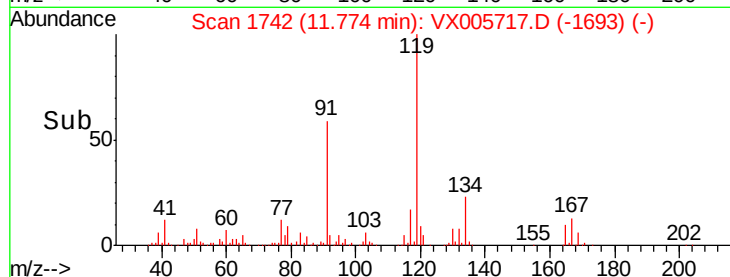
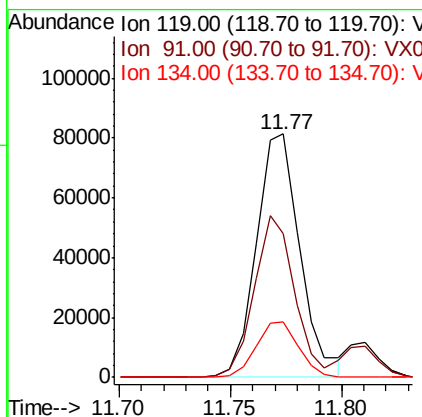
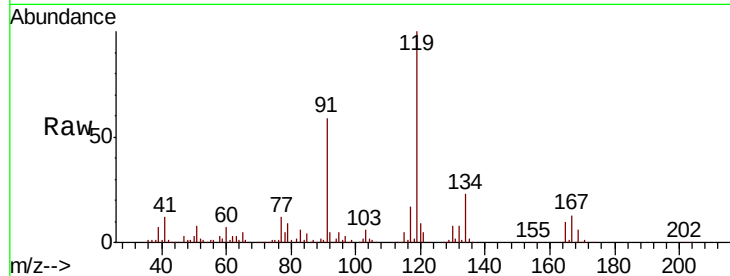




#83
 tert-Butylbenzene
 Concen: 22.537 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VX005717.D
 Acq: 31 Oct 2018 20:22

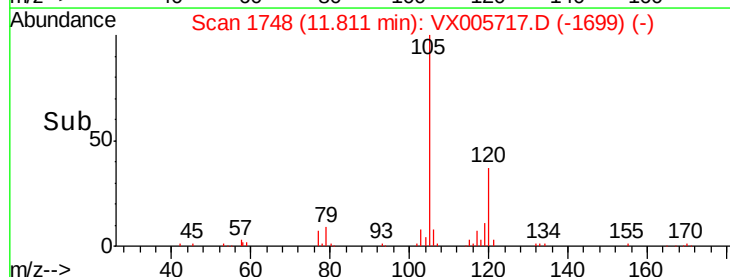
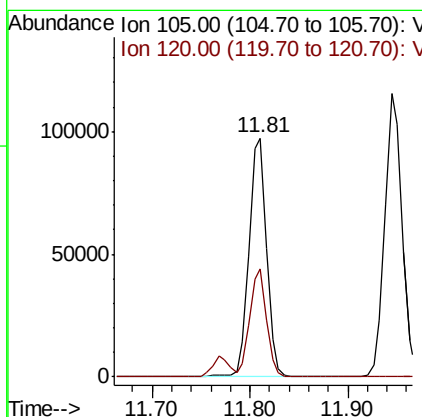
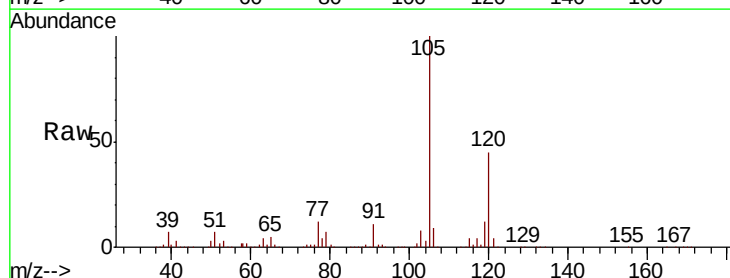
Instrument :
 MSVOA_X
 ClientSampled :

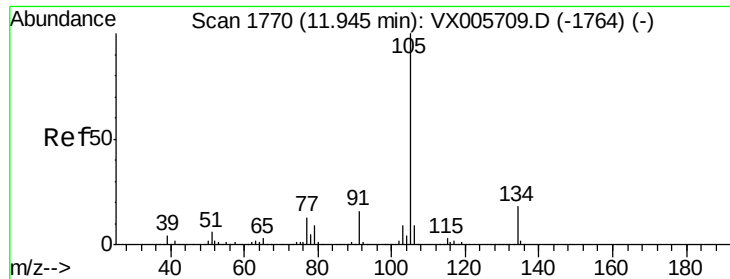
Tot Ion:119 Resp: 111206
 Ion Ratio Lower Upper
 119 100
 91 61.0 28.5 85.5
 134 22.2 11.3 33.8



#84
 1,2,4-Trimethylbenzene
 Concen: 23.250 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX005717.D
 Acq: 31 Oct 2018 20:22

Tgt Ion:105 Resp: 121414
 Ion Ratio Lower Upper
 105 100
 120 43.1 22.4 67.0





#85

sec-Butylbenzene

Concen: 22.422 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX005717.D

Acq: 31 Oct 2018 20:22

Instrument :

MSVOA_X

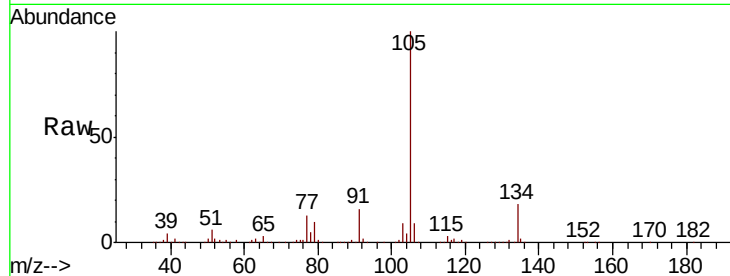
ClientSampleId :

Tot Ion:105 Resp: 141919

Ion Ratio Lower Upper

105 100

134 18.8 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

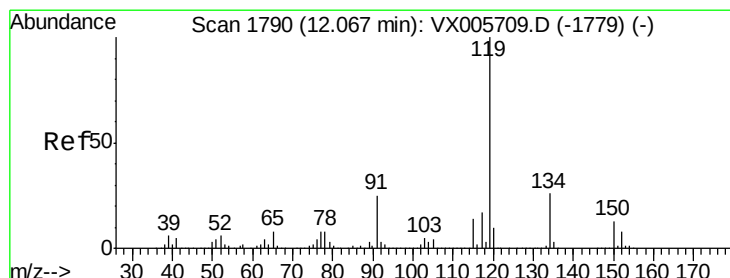
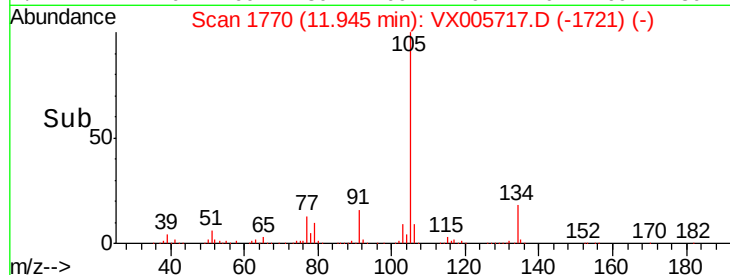
100000

50000

0

Time-->

11.90 12.00



#86

p-Isopropyltoluene

Concen: 22.260 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX005717.D

Acq: 31 Oct 2018 20:22

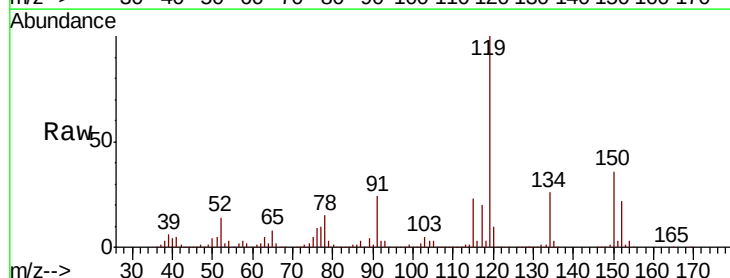
Tgt Ion:119 Resp: 119828

Ion Ratio Lower Upper

119 100

134 26.1 13.0 39.0

91 25.3 11.4 34.2



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

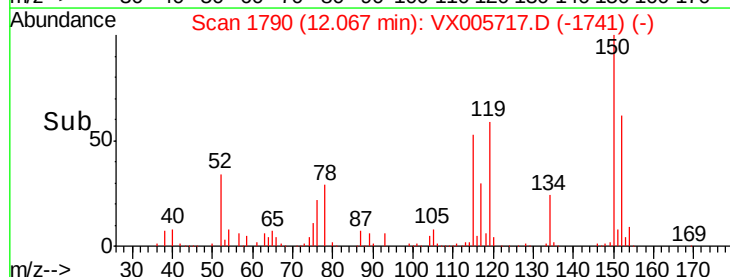
100000

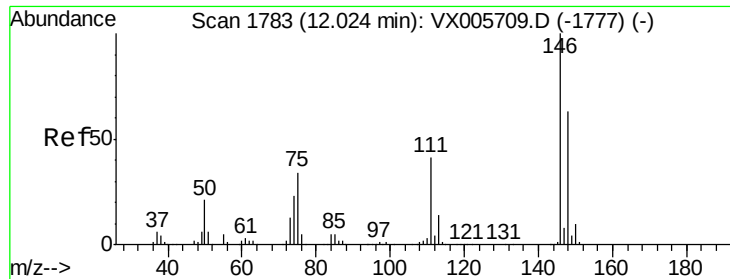
50000

0

Time-->

12.00 12.10

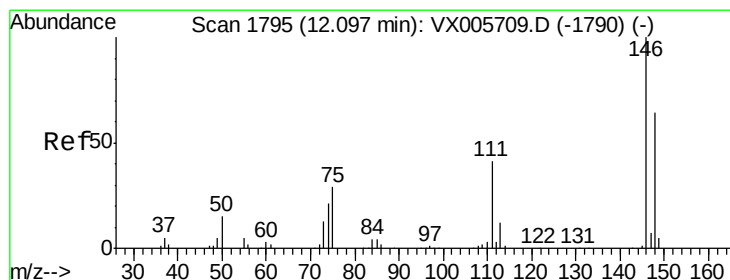
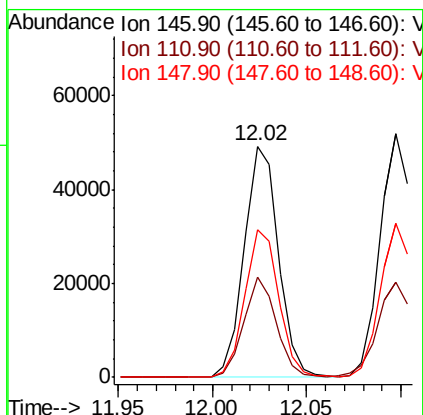
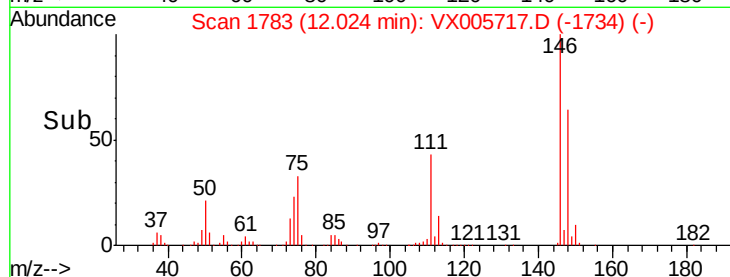
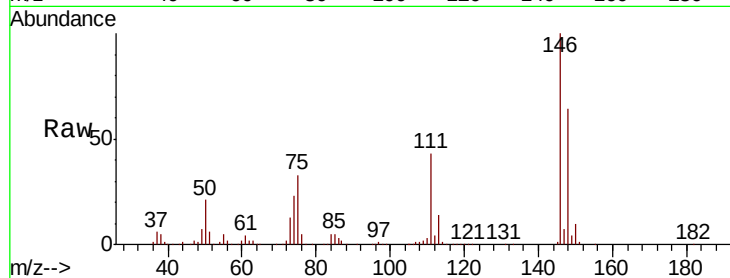




#87
 1,3-Dichlorobenzene
 Concen: 21.268 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX005717.D
 Acq: 31 Oct 2018 20:22

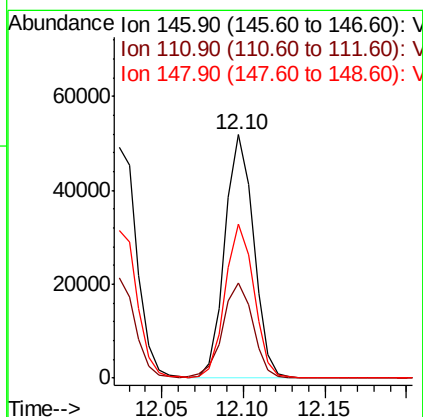
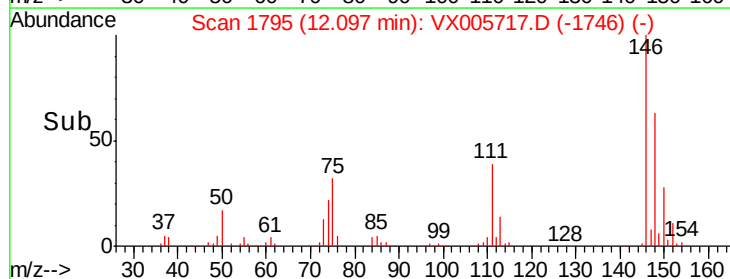
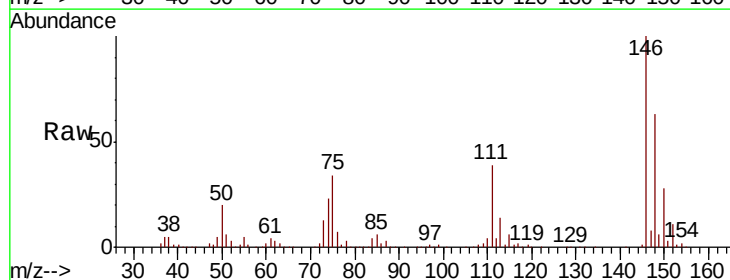
Instrument :
 MSVOA_X
 ClientSampleId :

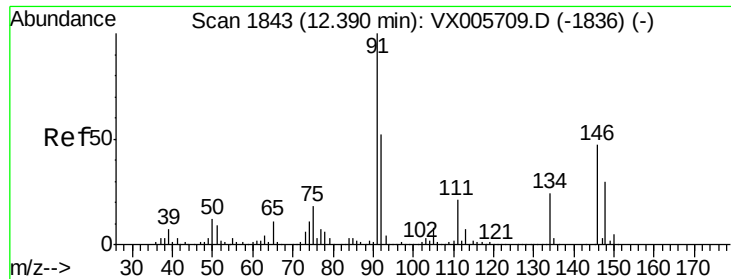
Tot Ion:146 Resp: 62130
 Ion Ratio Lower Upper
 146 100
 111 40.8 19.0 57.0
 148 63.6 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 20.408 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX005717.D
 Acq: 31 Oct 2018 20:22

Tgt Ion:146 Resp: 64048
 Ion Ratio Lower Upper
 146 100
 111 41.2 18.6 55.8
 148 63.4 32.1 96.3





#89

n-Butylbenzene

Concen: 21.078 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX005717.D

Acq: 31 Oct 2018 20:22

Instrument :

MSVOA_X

ClientSampleId :

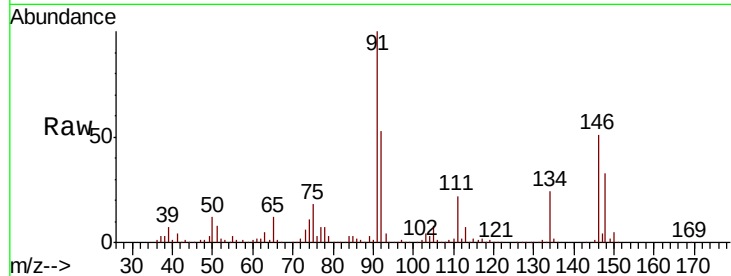
Tot Ion: 91 Resp: 114481

Ion Ratio Lower Upper

91 100

92 52.2 26.1 78.2

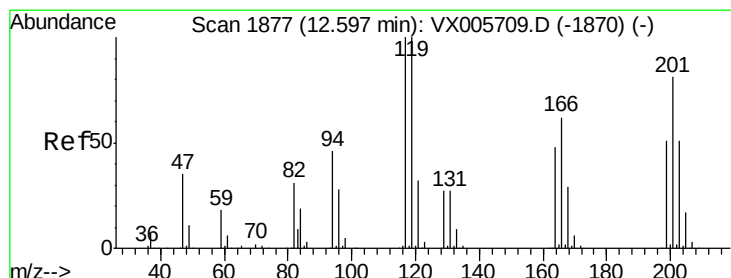
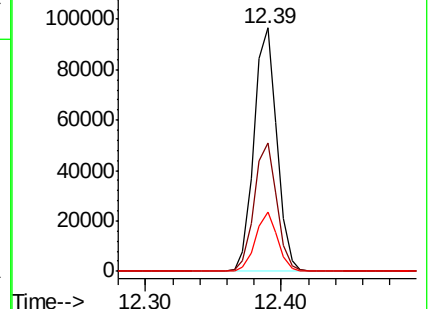
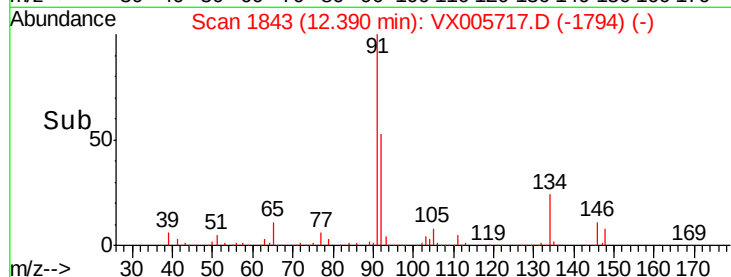
134 23.4 13.1 39.3



Abundance Ion 91.00 (90.70 to 91.70): VX005717.D (-1794) (-)

Ion 92.00 (91.70 to 92.70): VX005717.D (-1794) (-)

Ion 134.00 (133.70 to 134.70): VX005717.D (-1794) (-)



#90

Hexachloroethane

Concen: 20.323 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX005717.D

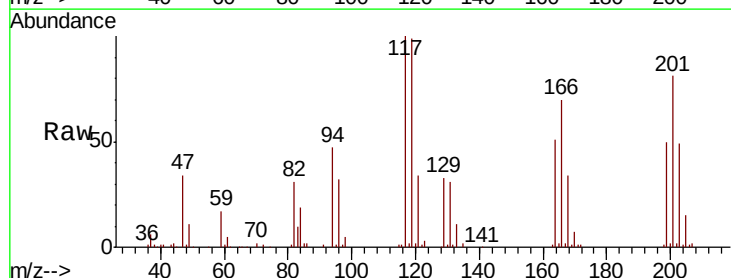
Acq: 31 Oct 2018 20:22

Tgt Ion: 117 Resp: 19410

Ion Ratio Lower Upper

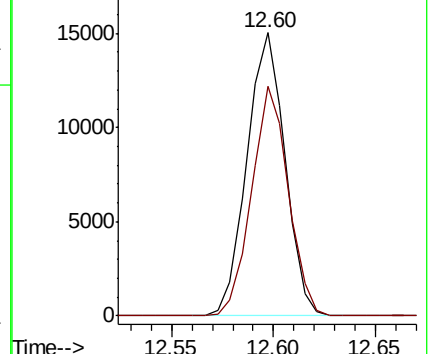
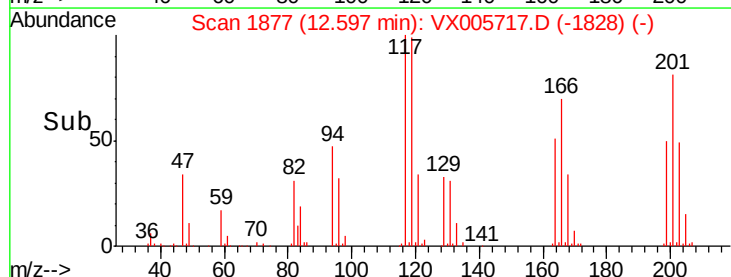
117 100

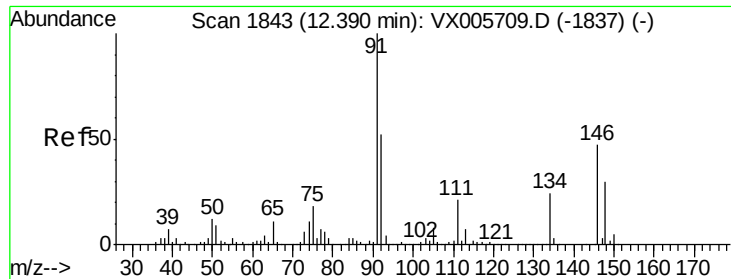
201 78.7 47.9 143.6



Abundance Ion 116.80 (116.50 to 117.50): VX005717.D (-1828) (-)

Ion 200.70 (200.40 to 201.40): VX005717.D (-1828) (-)





#91

1,2-Dichlorobenzene

Concen: 20.707 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX005717.D

Acq: 31 Oct 2018 20:22

Instrument :

MSVOA_X

ClientSampleId :

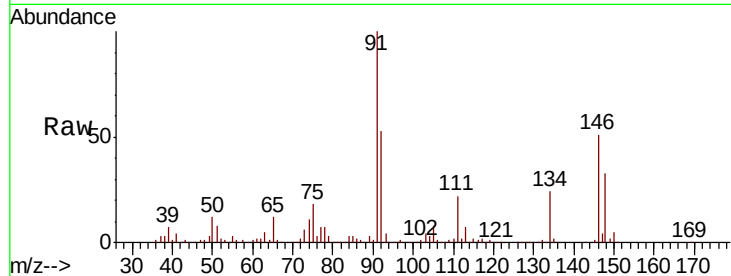
Tot Ion:146 Resp: 63198

Ion Ratio Lower Upper

146 100

111 42.3 20.0 59.9

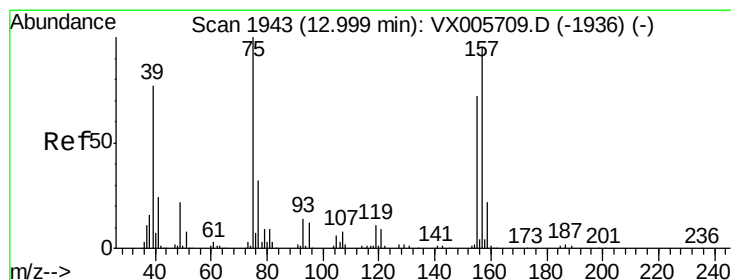
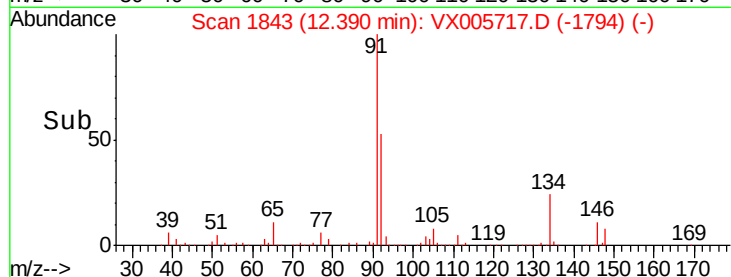
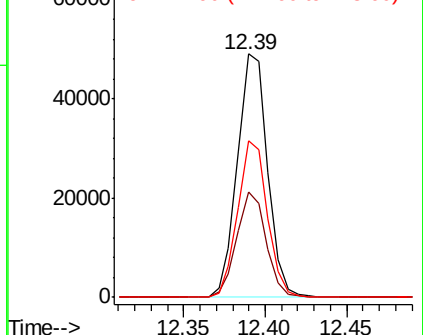
148 63.2 32.2 96.6



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: 20.618 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX005717.D

Acq: 31 Oct 2018 20:22

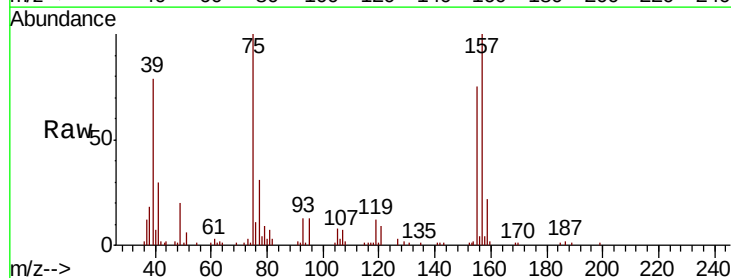
Tgt Ion: 75 Resp: 12219

Ion Ratio Lower Upper

75 100

155 80.6 45.4 136.1

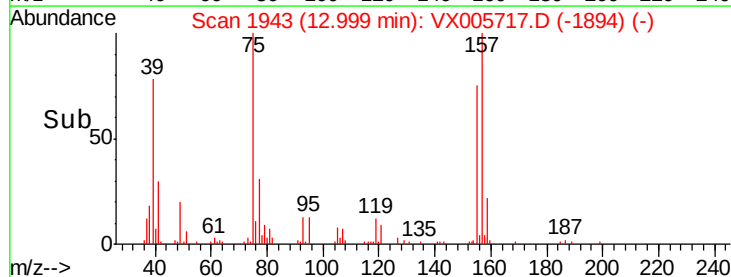
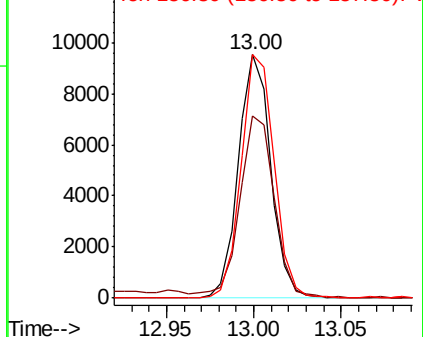
157 102.3 57.4 172.0

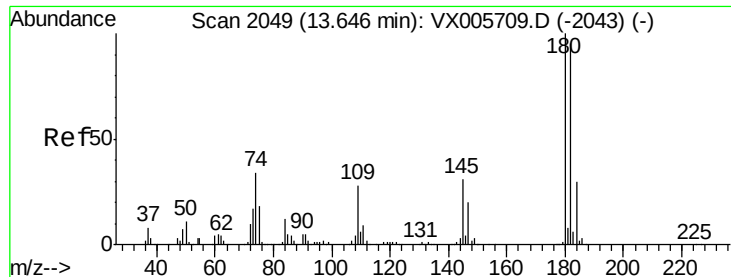


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

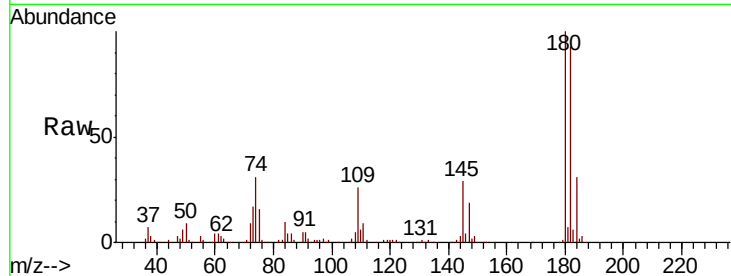




#93
 1,2,4-Trichlorobenzene
 Concen: 21.556 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX005717.D
 Acq: 31 Oct 2018 20:22

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.6	142.8
145	30.7	14.1	42.2

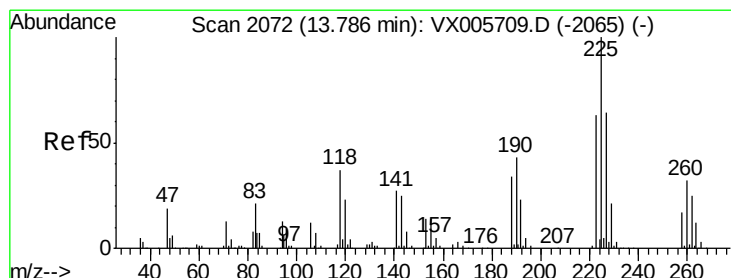
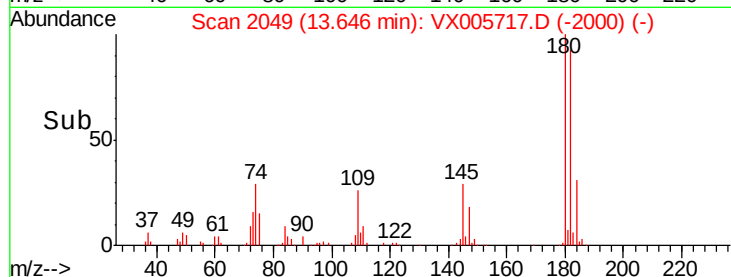
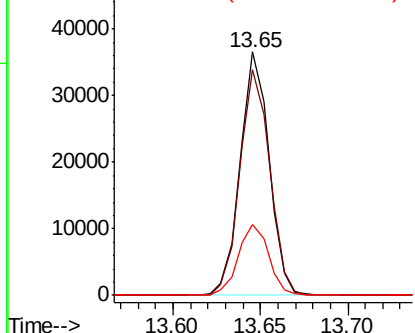


Abundance

Ion 179.80 (179.50 to 180.50): V

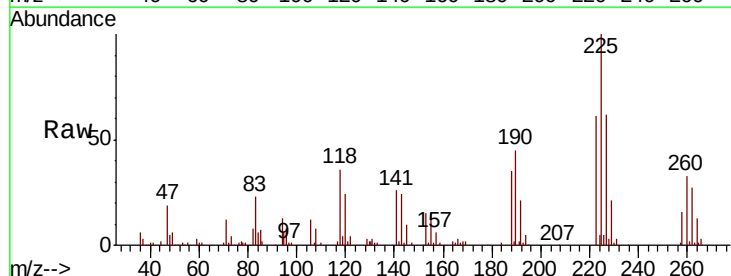
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 20.015 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX005717.D
 Acq: 31 Oct 2018 20:22

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	31.7	95.1
227	62.3	32.3	96.9

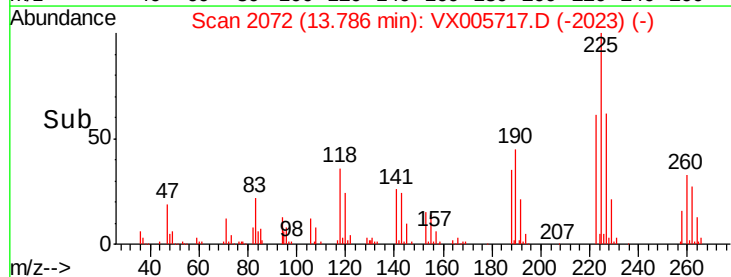
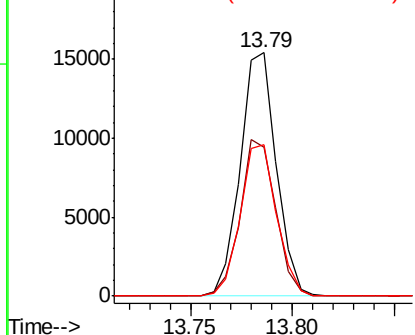


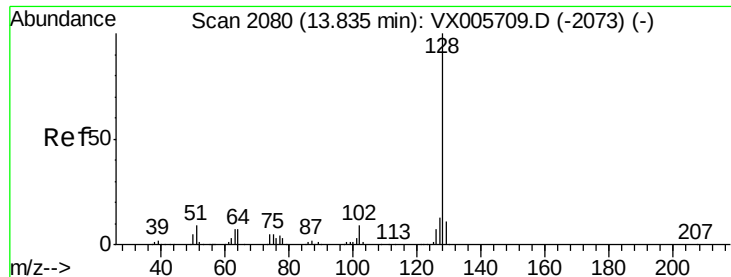
Abundance

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

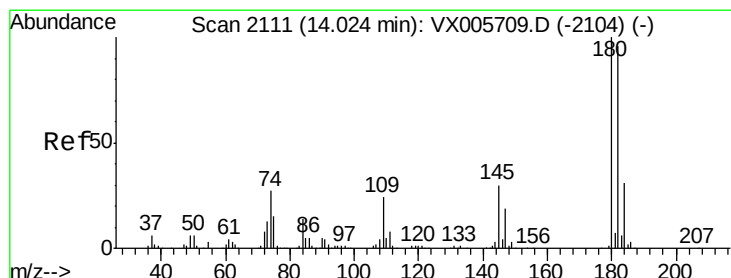
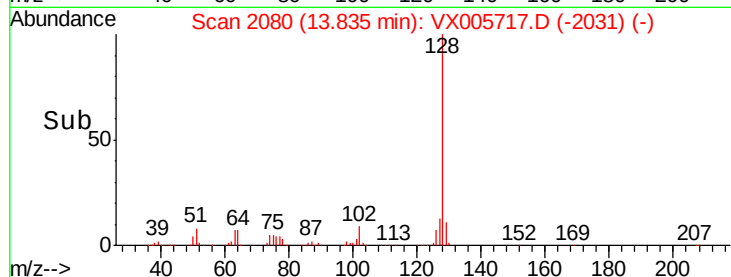
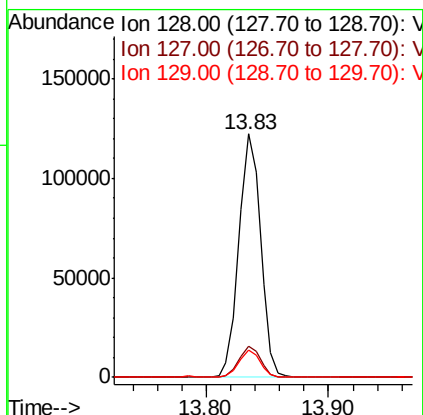
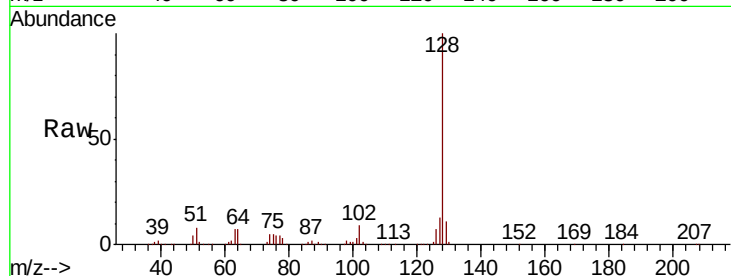




#95
Naphthalene
Concen: 23.378 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005717.D
Acq: 31 Oct 2018 20:22

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 150494
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 21.998 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. 0.00 min
Lab File: VX005717.D
Acq: 31 Oct 2018 20:22

Tgt Ion:180 Resp: 43838
Ion Ratio Lower Upper
180 100
182 96.9 48.0 144.2
145 32.0 15.1 45.3

