

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102318\
 Data File : VX005523.D
 Acq On : 23 Oct 2018 16:14
 Operator : JC/MD
 Sample : VX1023WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 24 01:14:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	213294	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	323198	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	266024	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	147240	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	125015	52.81	ug/l	0.00
Spiked Amount			Recovery	=	105.62%	
35) Dibromofluoromethane	5.51	113	105588	49.33	ug/l	0.00
Spiked Amount			Recovery	=	98.66%	
50) Toluene-d8	8.71	98	352277	47.94	ug/l	0.00
Spiked Amount			Recovery	=	95.88%	
62) 4-Bromofluorobenzene	11.14	95	131347	47.58	ug/l	0.00
Spiked Amount			Recovery	=	95.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	35625	21.362	ug/l	100
3) Chloromethane	1.32	50	50167	20.760	ug/l	89
4) Vinyl Chloride	1.41	62	50104	20.468	ug/l	97
5) Bromomethane	1.64	94	29671	21.795	ug/l	94
6) Chloroethane	1.72	64	32717	21.582	ug/l	97
7) Trichlorofluoromethane	1.93	101	70672	21.634	ug/l	96
8) Diethyl Ether	2.19	74	31088	22.286	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	40633	21.551	ug/l	96
10) Methyl Iodide	2.51	142	42251	21.909	ug/l	98
11) Tert butyl alcohol	3.07	59	75072	112.423	ug/l	100
12) 1,1-Dichloroethene	2.37	96	39573	21.184	ug/l	94
13) Acrolein	2.29	56	30406	69.798	ug/l	90
14) Allyl chloride	2.73	41	88819	21.656	ug/l	93
15) Acrylonitrile	3.15	53	167734	110.848	ug/l	99
16) Acetone	2.45	43	147369	107.670	ug/l	97
17) Carbon Disulfide	2.57	76	95137	16.811	ug/l	98
18) Methyl Acetate	2.78	43	97468	25.031	ug/l	94
19) Methyl tert-butyl Ether	3.21	73	148148	22.517	ug/l	96
20) Methylene Chloride	2.85	84	45952	22.317	ug/l #	89
21) trans-1,2-Dichloroethene	3.17	96	39445	19.053	ug/l	98
22) Diisopropyl ether	3.87	45	160998	23.371	ug/l #	85
23) Vinyl Acetate	3.82	43	656648	109.057	ug/l	95
24) 1,1-Dichloroethane	3.69	63	83869	21.243	ug/l	98
25) 2-Butanone	4.70	43	233397	116.548	ug/l	93
26) 2,2-Dichloropropane	4.59	77	62322	21.106	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	46754	20.780	ug/l	88
28) Bromochloromethane	5.02	49	42882	23.826	ug/l	87
29) Tetrahydrofuran	5.16	42	141025	110.401	ug/l	94
30) Chloroform	5.21	83	82864	22.612	ug/l	94
31) Cyclohexane	5.58	56	65920	20.258	ug/l #	85
32) 1,1,1-Trichloroethane	5.49	97	70528	22.119	ug/l	99
36) 1,1-Dichloropropene	5.79	75	56469	18.040	ug/l	98
37) Ethyl Acetate	4.85	43	83043	20.629	ug/l	96
38) Carbon Tetrachloride	5.79	117	60263	19.161	ug/l	90

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102318\
 Data File : VX005523.D
 Acq On : 23 Oct 2018 16:14
 Operator : JC/MD
 Sample : VX1023WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 24 01:14:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	58113	17.154	ug/l	91
40) Benzene	6.14	78	180404	19.213	ug/l	97
41) Methacrylonitrile	5.06	41	45394	21.034	ug/l	95
42) 1,2-Dichloroethane	6.20	62	71387	21.531	ug/l	95
43) Isopropyl Acetate	6.46	43	116026	21.637	ug/l	97
44) Trichloroethene	7.21	130	41677	16.972	ug/l	86
45) 1,2-Dichloropropane	7.52	63	44614	19.370	ug/l	98
46) Dibromomethane	7.66	93	27693	18.217	ug/l	97
47) Bromodichloromethane	7.90	83	55364	19.689	ug/l	98
48) Methyl methacrylate	7.78	41	53975	19.407	ug/l	94
49) 1,4-Dioxane	7.76	88	23001	358.569	ug/l	92
51) 4-Methyl-2-Pentanone	8.65	43	392506	105.713	ug/l	92
52) Toluene	8.79	92	98839	19.240	ug/l	95
53) t-1,3-Dichloropropene	9.04	75	58719	19.296	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	63982	19.404	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	43176	19.843	ug/l	98
56) Ethyl methacrylate	9.18	69	63445	20.002	ug/l	93
57) 1,3-Dichloropropane	9.37	76	71677	19.737	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	181278	101.905	ug/l	93
59) 2-Hexanone	9.49	43	304368	101.908	ug/l	91
60) Dibromochloromethane	9.59	129	43965	19.548	ug/l	100
61) 1,2-Dibromoethane	9.67	107	43836	19.197	ug/l	100
64) Tetrachloroethene	9.34	164	43627	20.371	ug/l	97
65) Chlorobenzene	10.14	112	111548	19.713	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	42074	20.865	ug/l	99
67) Ethyl Benzene	10.25	91	185590	20.175	ug/l	96
68) m/p-Xylenes	10.36	106	142598	39.938	ug/l	91
69) o-Xylene	10.70	106	69394	20.152	ug/l	95
70) Styrene	10.71	104	115314	20.359	ug/l	95
71) Bromoform	10.86	173	35282	19.579	ug/l	98
73) Isopropylbenzene	11.02	105	193548	22.112	ug/l	99
74) N-amyl acetate	10.90	43	93675	22.189	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	69864	21.159	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	80511	28.190	ug/l	88
77) Bromobenzene	11.26	156	51095	20.416	ug/l	95
78) n-propylbenzene	11.36	91	219840	21.826	ug/l	99
79) 2-Chlorotoluene	11.42	91	132567	21.490	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	162009	21.614	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	19371	20.608	ug/l	96
82) 4-Chlorotoluene	11.51	91	156474	21.398	ug/l	98
83) tert-Butylbenzene	11.77	119	160712	21.173	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	168588	21.856	ug/l	97
85) sec-Butylbenzene	11.94	105	196831	21.912	ug/l	98
86) p-Isopropyltoluene	12.07	119	174024	21.434	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	94645	20.238	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	97035	20.282	ug/l	99
89) n-Butylbenzene	12.39	91	148796	20.185	ug/l	97
90) Hexachloroethane	12.60	117	28082	20.070	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	95891	20.093	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	16750	20.797	ug/l	99

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX102318\
Data File : VX005523.D
Acq On : 23 Oct 2018 16:14
Operator : JC/MD
Sample : VX1023WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Oct 24 01:14:15 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 12 11:28:43 2018
Response via : Initial Calibration

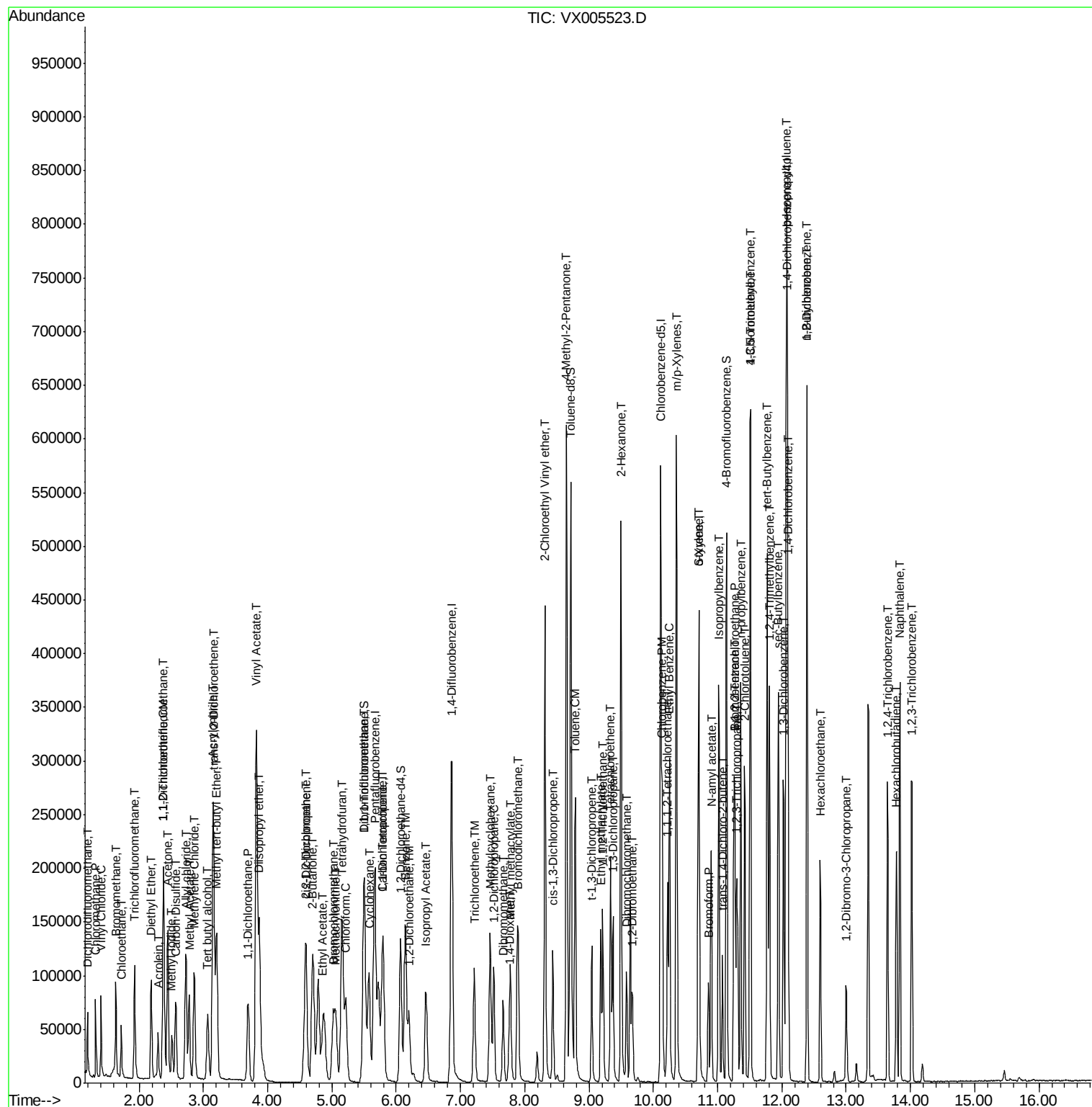
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	70621	20.170	ug/l	98
94) Hexachlorobutadiene	13.79	225	35646	19.276	ug/l	97
95) Naphthalene	13.83	128	220649	21.730	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	74136	20.694	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX102318\
 Data File : VX005523.D
 Acq On : 23 Oct 2018 16:14
 Operator : JC/MD
 Sample : VX1023WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampled :

Quant Time: Oct 24 01:14:15 2018
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 741

Delta R.T. 0.01 min

Lab File: VX005523.D

Acq: 23 Oct 2018 16:14

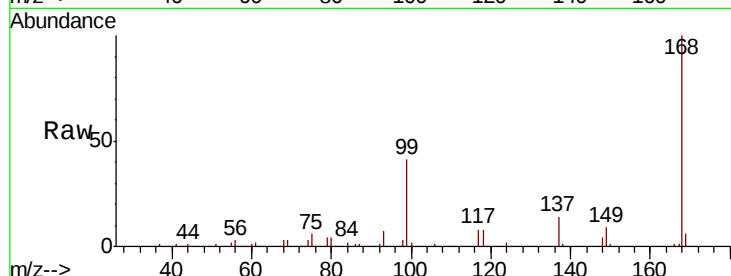
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 213294

Ion Ratio Lower Upper

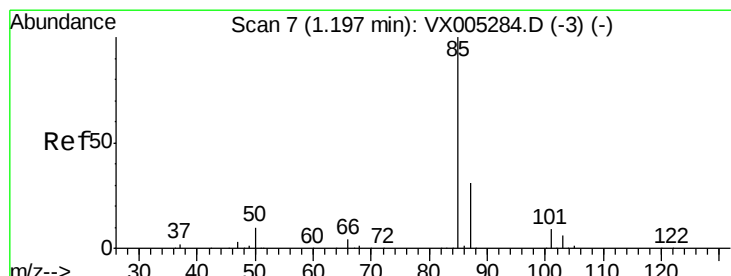
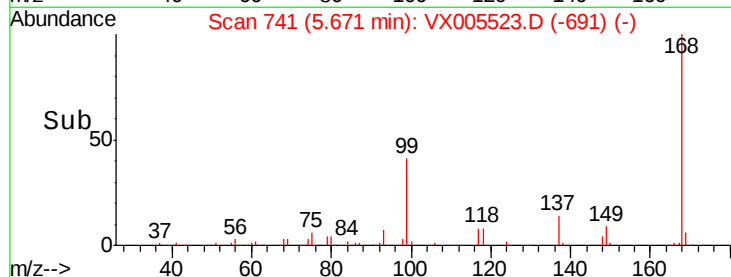
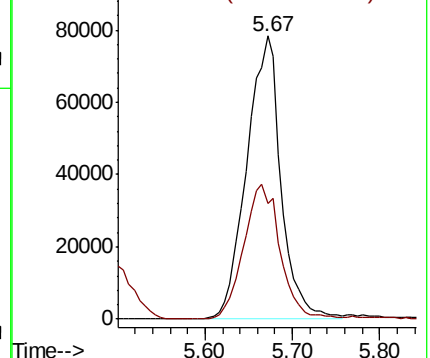
168 100

99 41.0 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 21.362 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005523.D

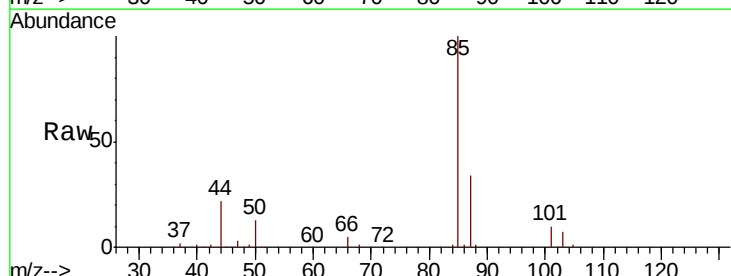
Acq: 23 Oct 2018 16:14

Tgt Ion: 85 Resp: 35625

Ion Ratio Lower Upper

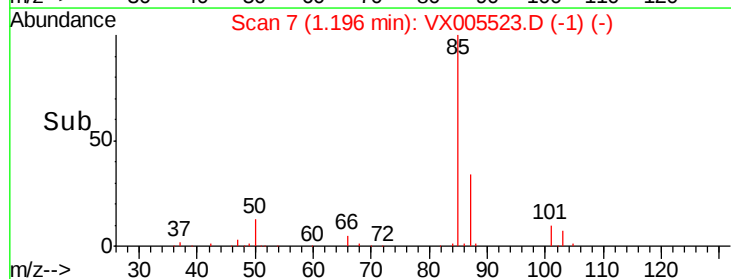
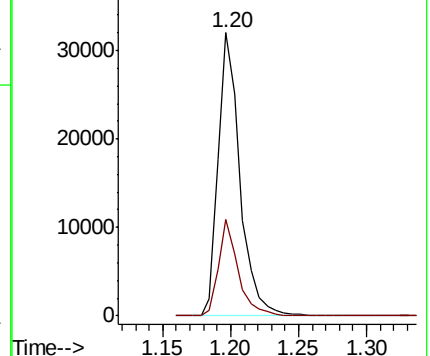
85 100

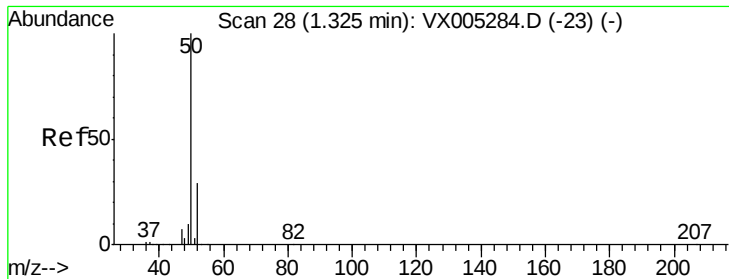
87 34.1 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 20.760 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005523.D

Acq: 23 Oct 2018 16:14

Instrument :

MSVOA_X

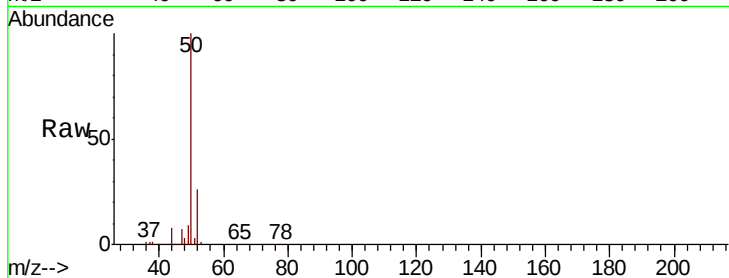
ClientSampleId :

Tot Ion: 50 Resp: 50167

Ion Ratio Lower Upper

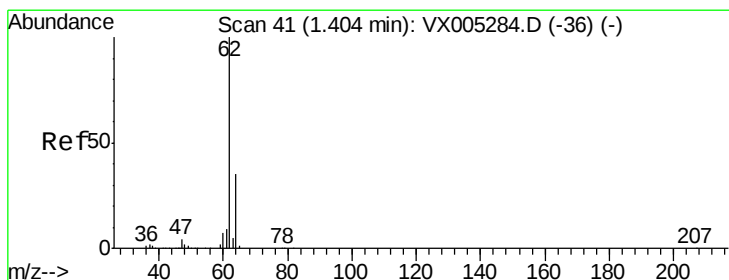
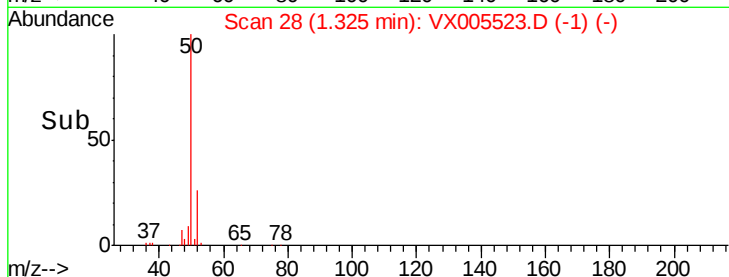
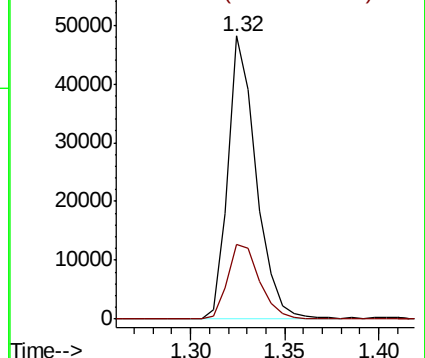
50 100

52 26.3 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 20.468 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX005523.D

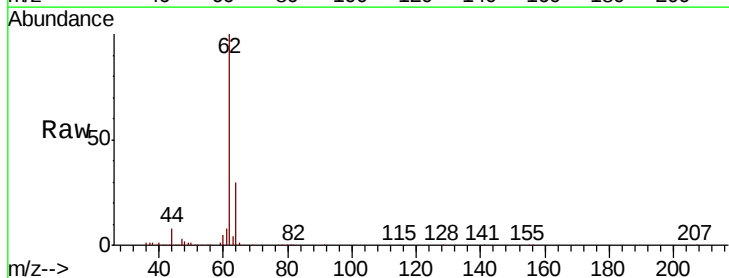
Acq: 23 Oct 2018 16:14

Tgt Ion: 62 Resp: 50104

Ion Ratio Lower Upper

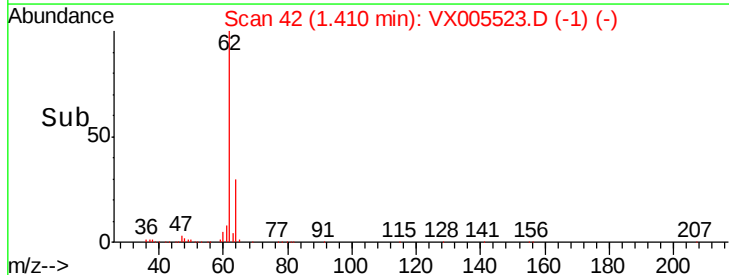
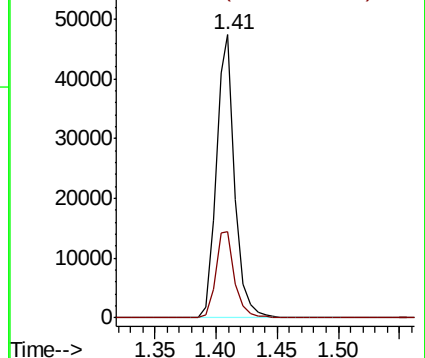
62 100

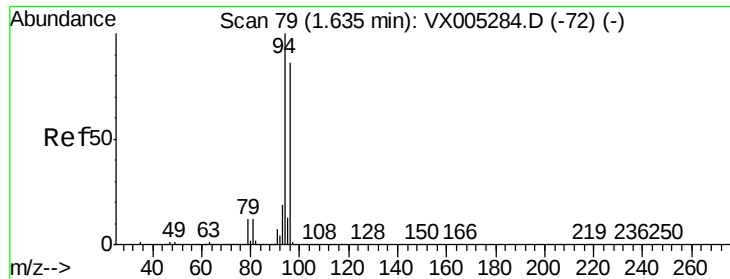
64 30.4 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 21.795 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005523.D

Acq: 23 Oct 2018 16:14

Instrument :

MSVOA_X

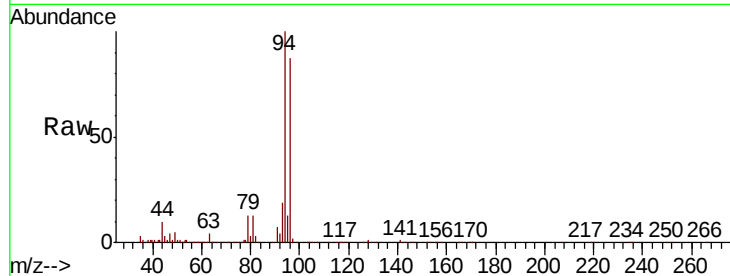
ClientSampleId :

Tot Ion: 94 Resp: 29671

Ion Ratio Lower Upper

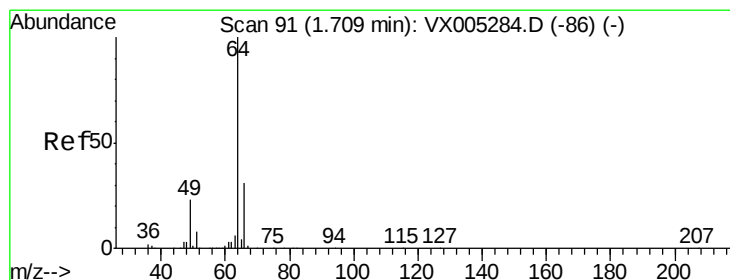
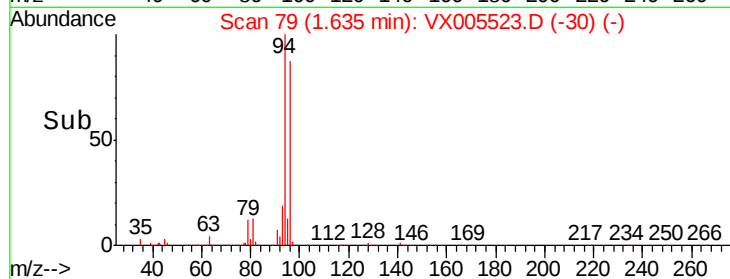
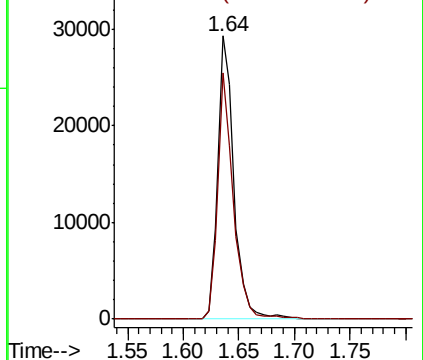
94 100

96 87.2 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 21.582 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX005523.D

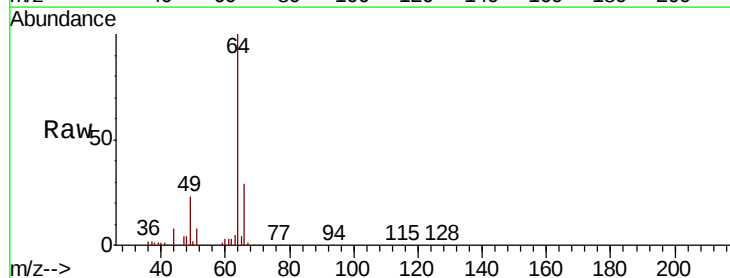
Acq: 23 Oct 2018 16:14

Tgt Ion: 64 Resp: 32717

Ion Ratio Lower Upper

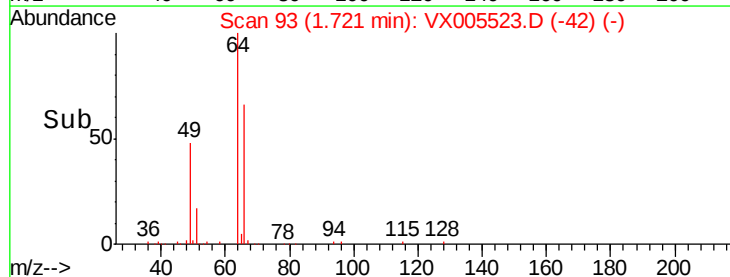
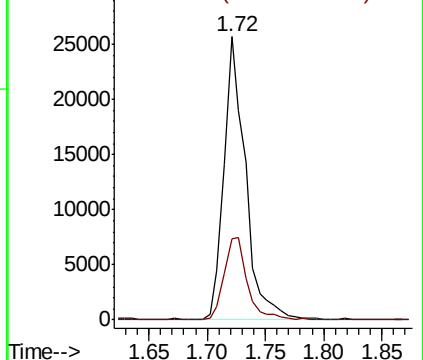
64 100

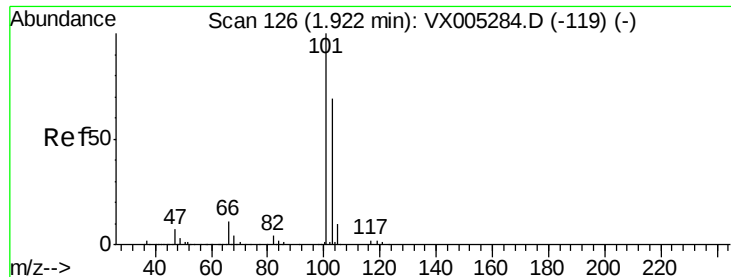
66 28.8 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



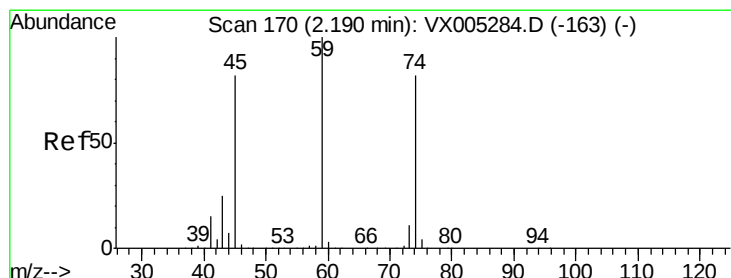
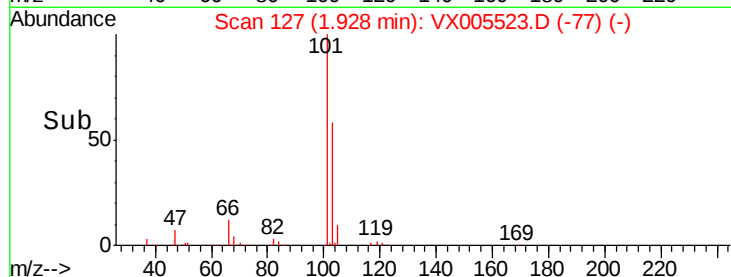
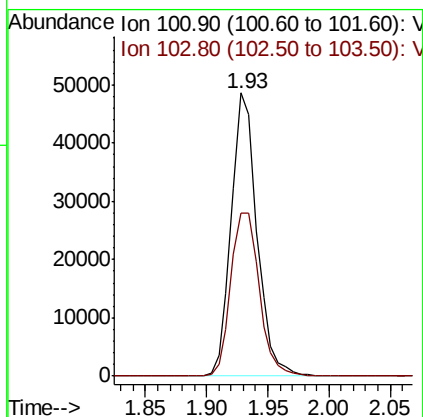
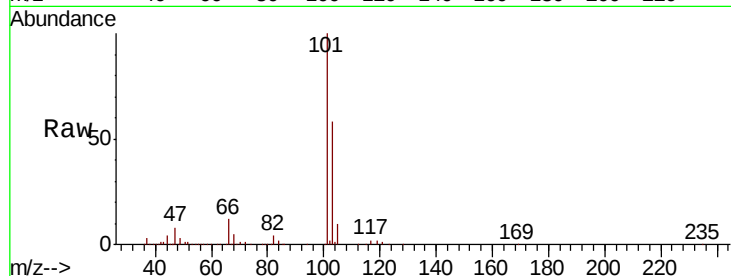


#7

Trichlorofluoromethane
 Concen: 21.634 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX005523.D
 Acq: 23 Oct 2018 16:14

Instrument :
 MSVOA_X
 ClientSampleId :

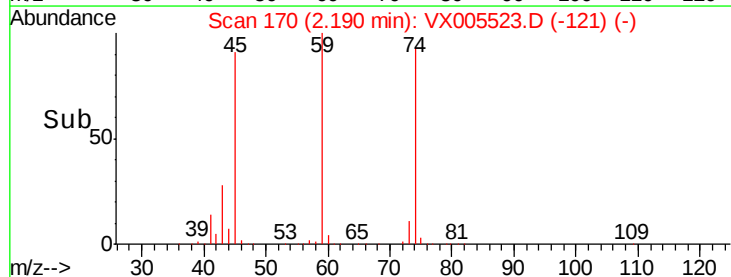
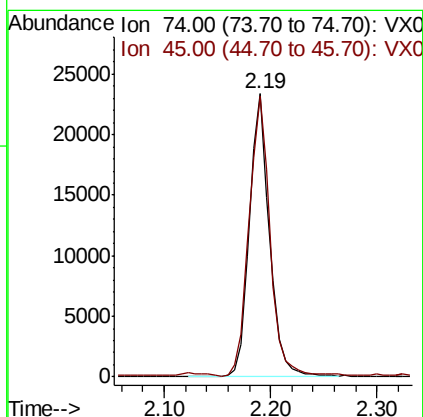
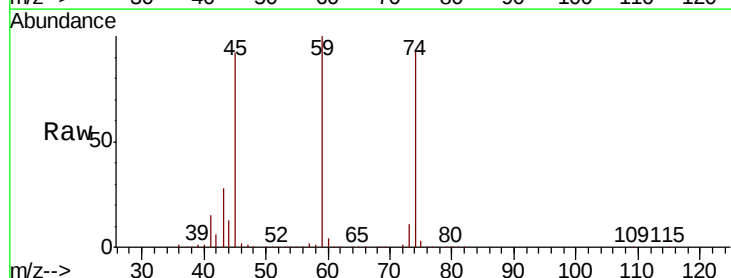
Tot Ion:101 Resp: 70672
 Ion Ratio Lower Upper
 101 100
 103 57.8 48.9 73.3



#8

Diethyl Ether
 Concen: 22.286 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX005523.D
 Acq: 23 Oct 2018 16:14

Tgt Ion: 74 Resp: 31088
 Ion Ratio Lower Upper
 74 100
 45 102.7 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.551 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX005523.D

Acq: 23 Oct 2018 16:14

Instrument :

MSVOA_X

ClientSampleId :

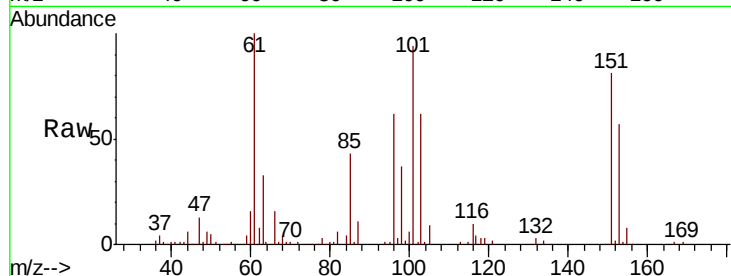
Tot Ion:101 Resp: 40633

Ion Ratio Lower Upper

101 100

85 46.0 34.2 51.4

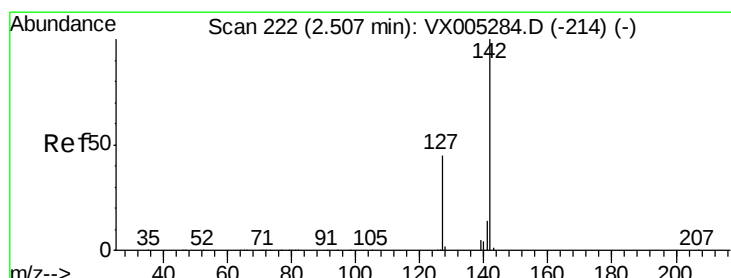
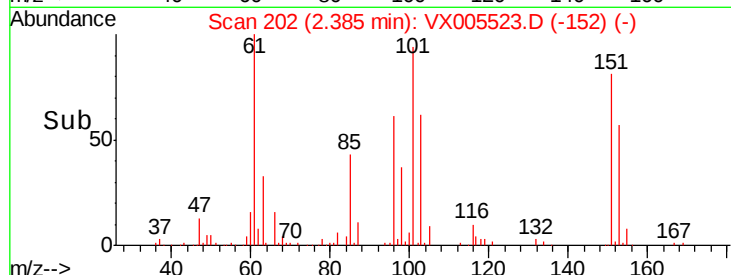
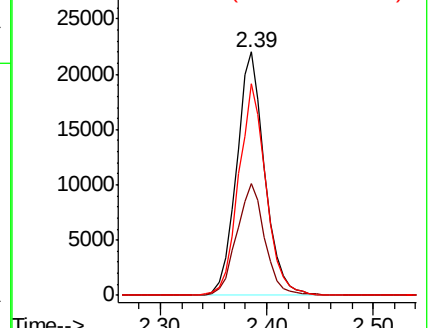
151 84.8 65.0 97.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.909 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX005523.D

Acq: 23 Oct 2018 16:14

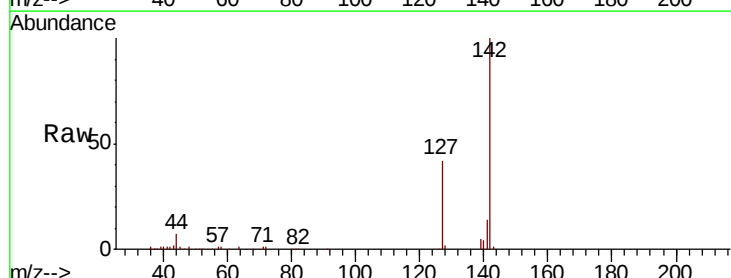
Tgt Ion:142 Resp: 42251

Ion Ratio Lower Upper

142 100

127 43.7 33.8 50.6

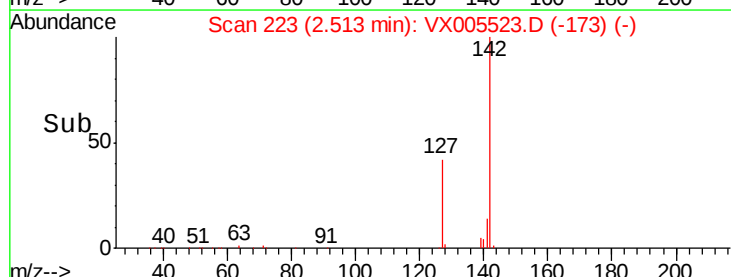
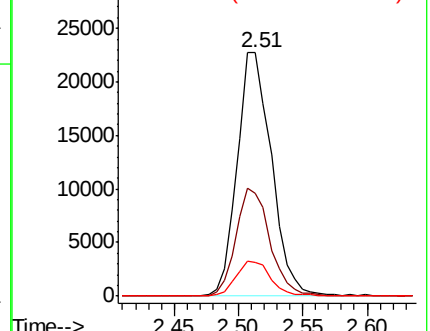
141 14.6 11.4 17.0

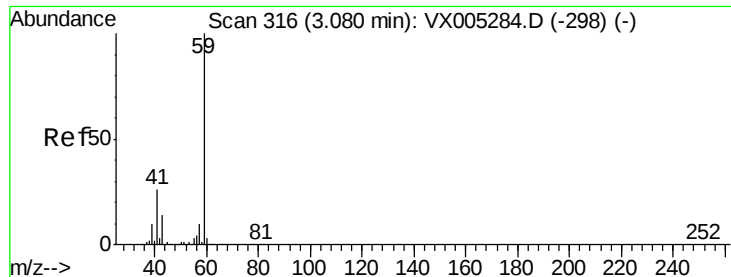


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



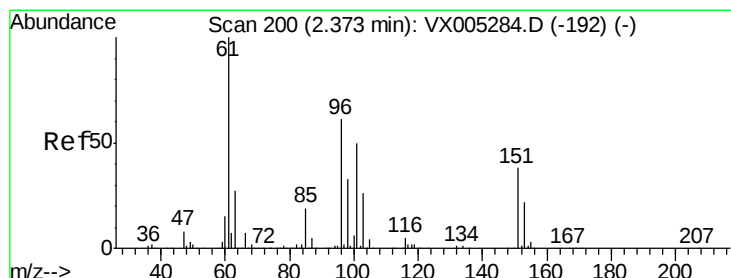
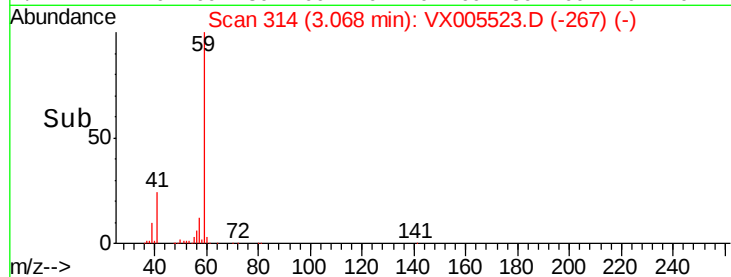
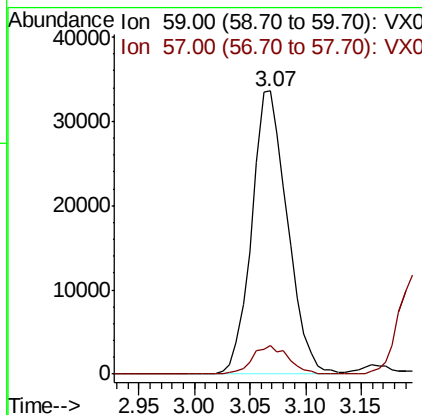
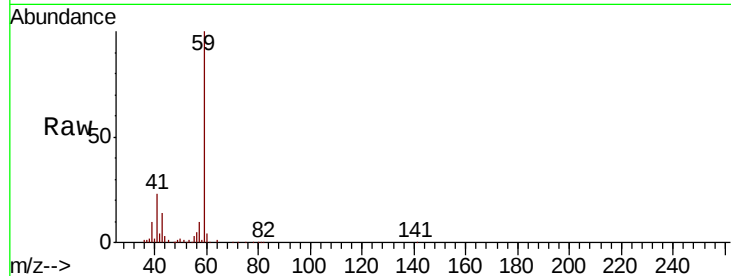


#11

Tert butyl alcohol
 Concen: 112.423 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX005523.D
 Acq: 23 Oct 2018 16:14

Instrument :
 MSVOA_X
 ClientSampleId :

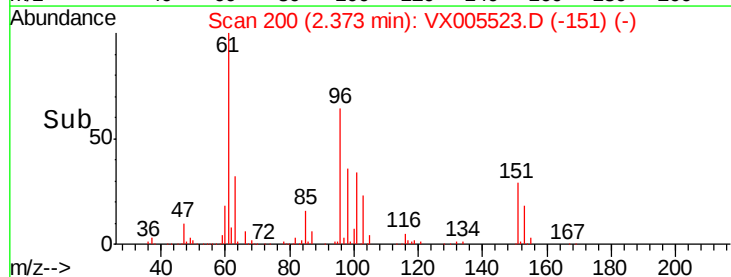
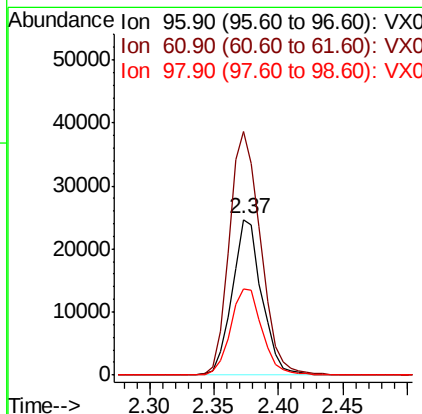
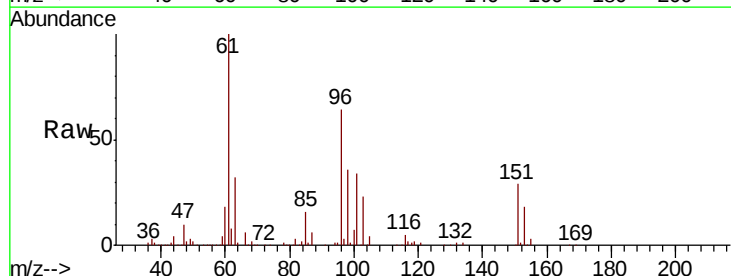
Tot Ion: 59 Resp: 75072
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.2 12.4

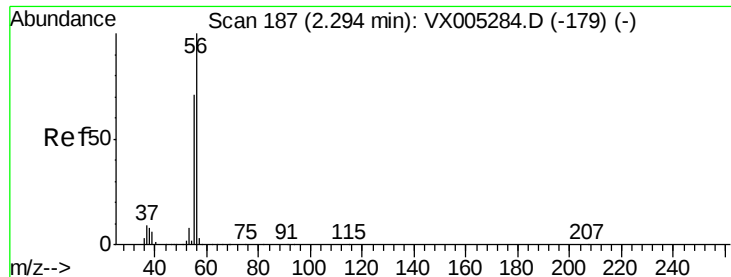


#12

1,1-Dichloroethene
 Concen: 21.184 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX005523.D
 Acq: 23 Oct 2018 16:14

Tgt Ion: 96 Resp: 39573
 Ion Ratio Lower Upper
 96 100
 61 156.6 128.8 193.2
 98 55.8 52.2 78.2





#13

Acrolein

Concen: 69.798 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005523.D

Acq: 23 Oct 2018 16:14

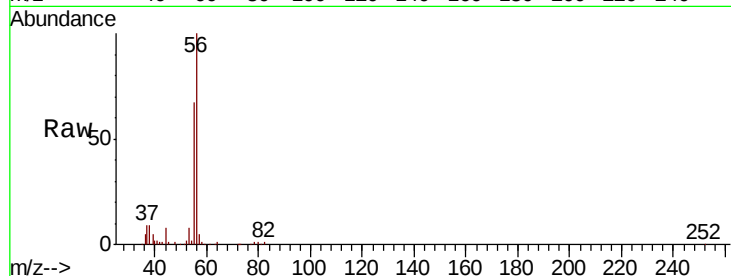
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 30406

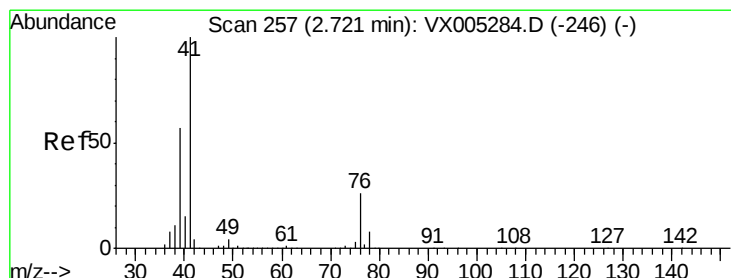
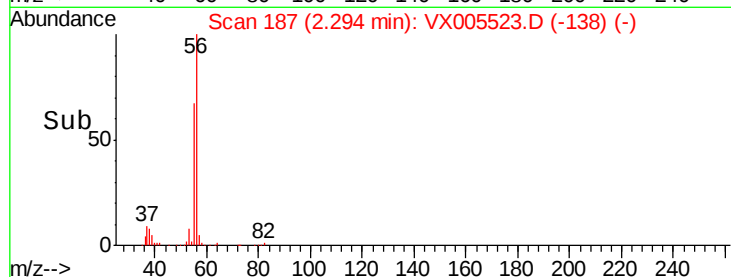
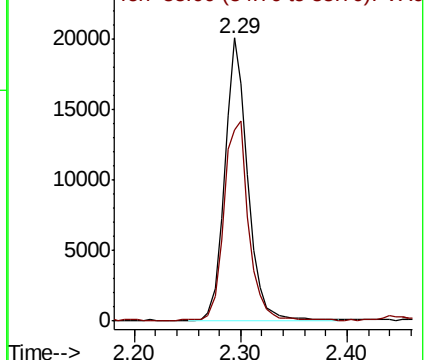
Ion Ratio Lower Upper

56 100

55 76.1 54.7 82.1



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



#14

Allyl chloride

Concen: 21.656 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX005523.D

Acq: 23 Oct 2018 16:14

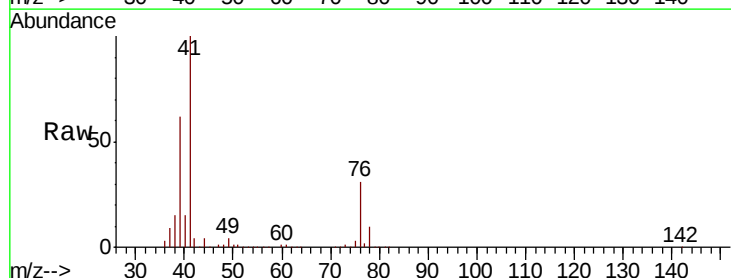
Tgt Ion: 41 Resp: 88819

Ion Ratio Lower Upper

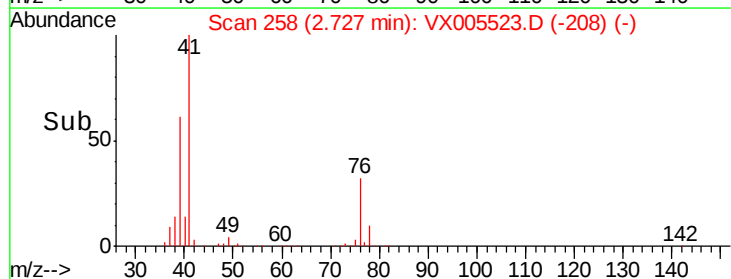
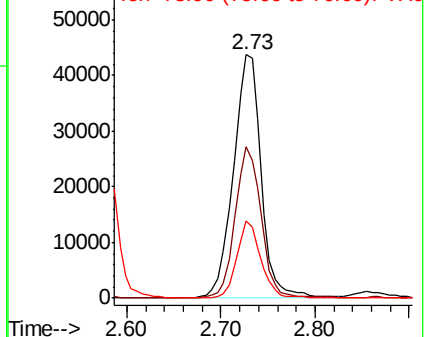
41 100

39 57.5 48.9 73.3

76 27.2 26.7 40.1



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





#15

Acrylonitrile

Concen: 110.848 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX005523.D

Acq: 23 Oct 2018 16:14

Instrument :

MSVOA_X

ClientSampleId :

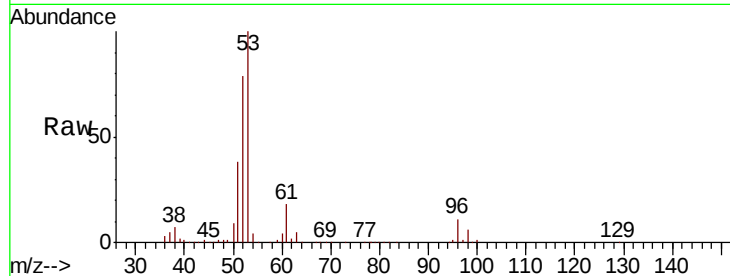
Tot Ion: 53 Resp: 167734

Ion Ratio Lower Upper

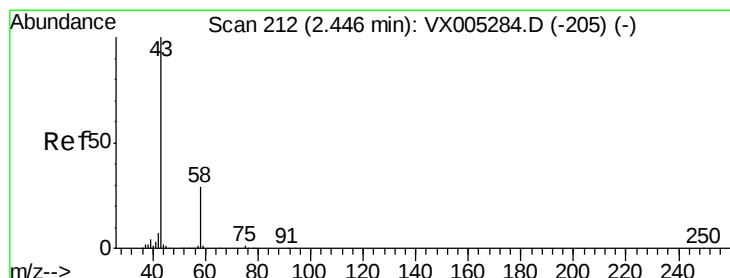
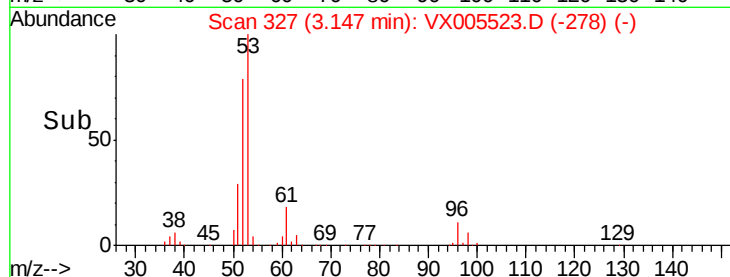
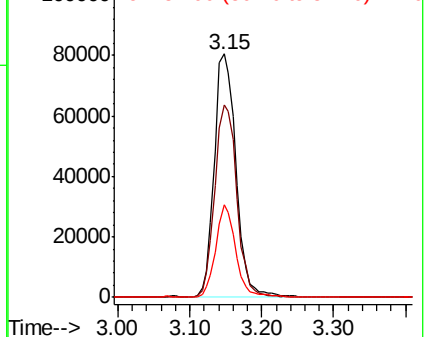
53 100

52 80.7 65.2 97.8

51 35.2 28.2 42.2



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: 107.670 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005523.D

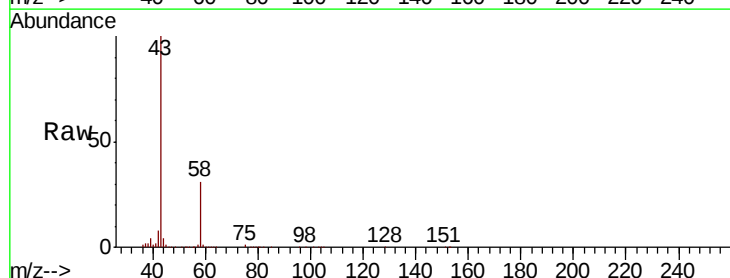
Acq: 23 Oct 2018 16:14

Tgt Ion: 43 Resp: 147369

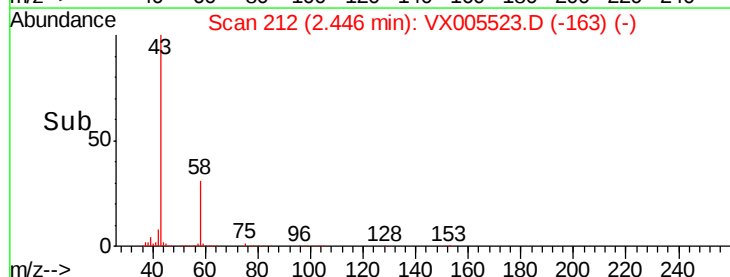
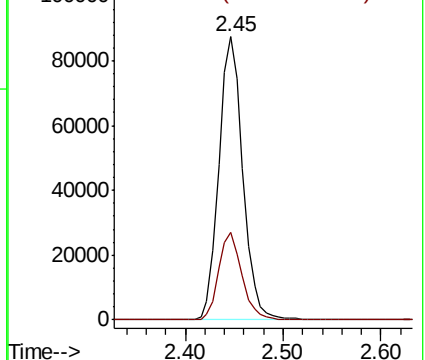
Ion Ratio Lower Upper

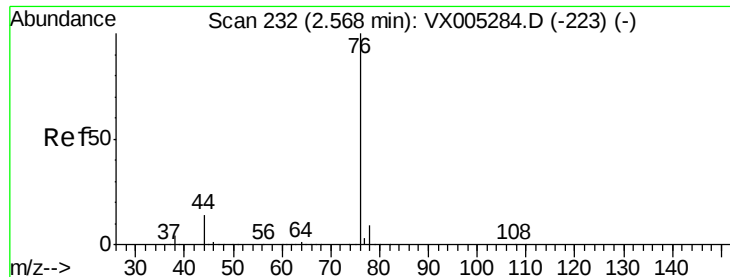
43 100

58 30.9 26.2 39.4



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

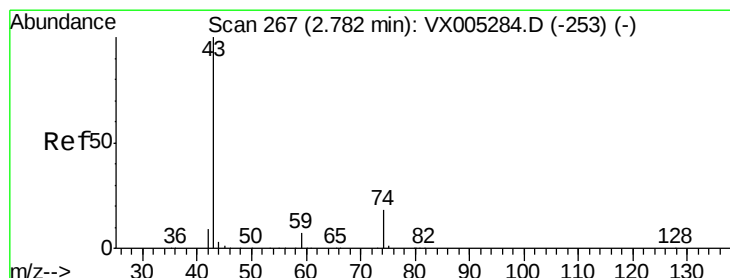
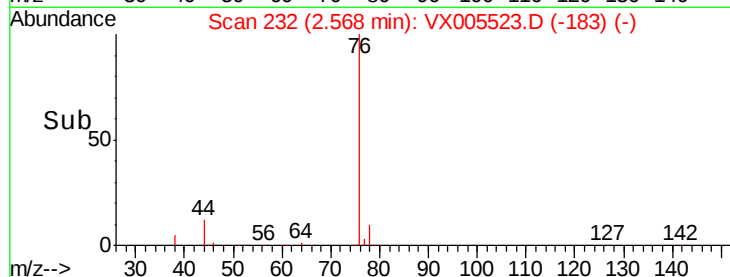
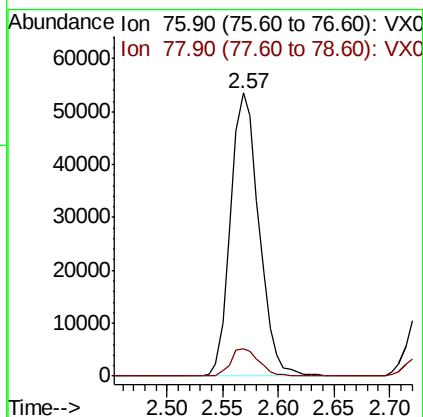
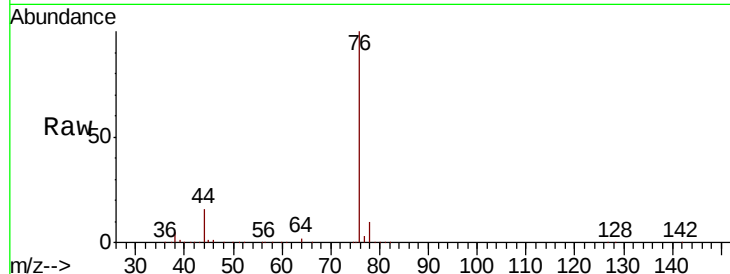




#17
Carbon Disulfide
Concen: 16.811 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX005523.D
Acq: 23 Oct 2018 16:14

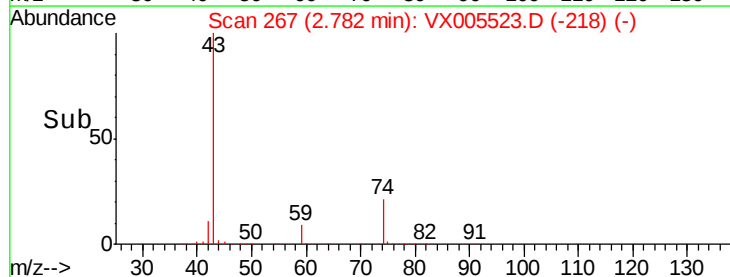
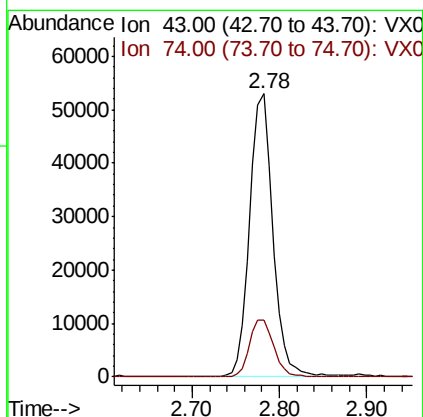
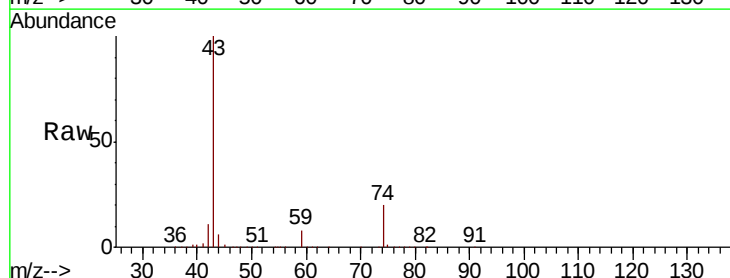
Instrument :
MSVOA_X
ClientSampled :

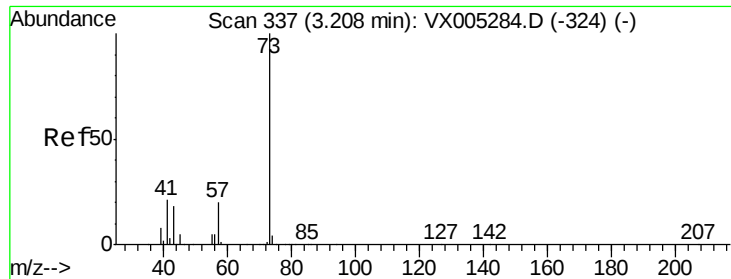
Tot Ion: 76 Resp: 95137
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.6



#18
Methyl Acetate
Concen: 25.031 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX005523.D
Acq: 23 Oct 2018 16:14

Tgt Ion: 43 Resp: 97468
Ion Ratio Lower Upper
43 100
74 21.3 19.4 29.2



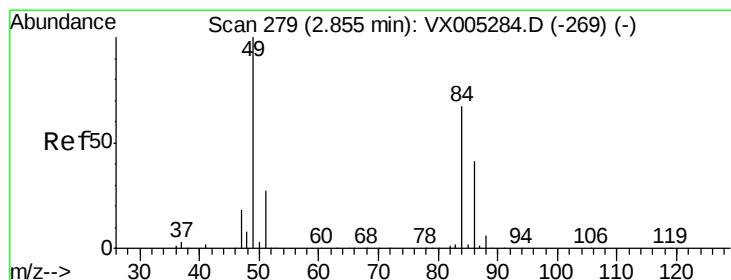
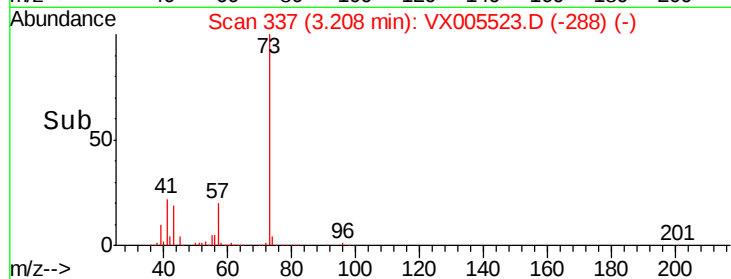
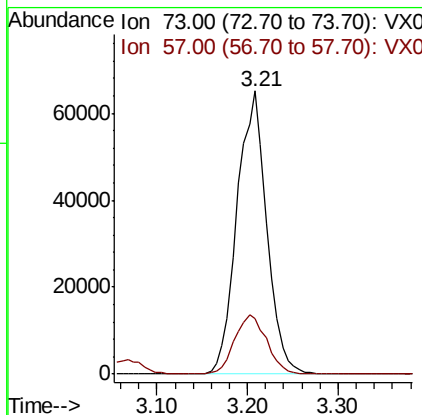
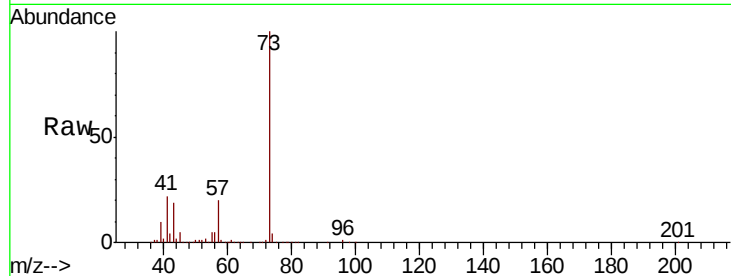


#19

Methyl tert-butyl Ether
 Concen: 22.517 ug/l
 RT: 3.21 min Scan# 337
 Delta R.T. -0.00 min
 Lab File: VX005523.D
 Acq: 23 Oct 2018 16:14

Instrument :
 MSVOA_X
 ClientSampleId :

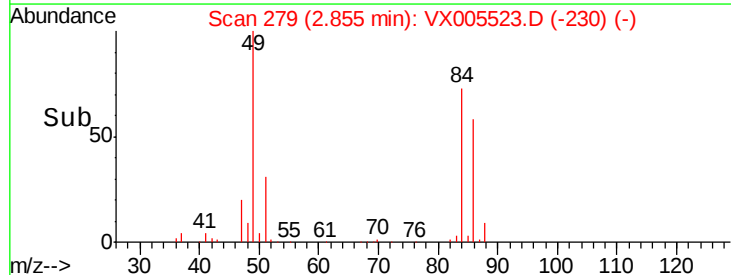
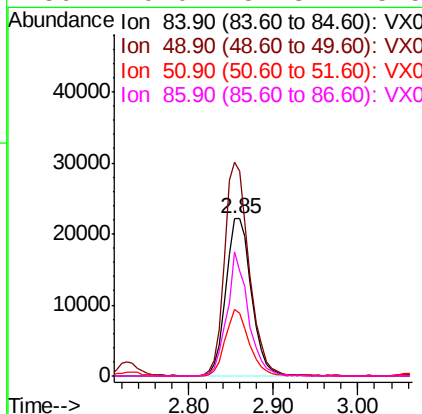
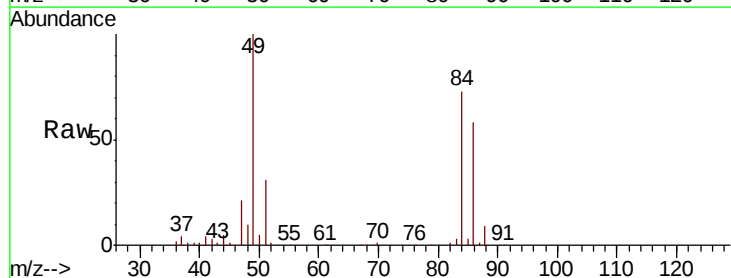
Tot Ion: 73 Resp: 148148
 Ion Ratio Lower Upper
 73 100
 57 19.5 17.1 25.7



#20

Methylene Chloride
 Concen: 22.317 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX005523.D
 Acq: 23 Oct 2018 16:14

Tgt Ion: 84 Resp: 45952
 Ion Ratio Lower Upper
 84 100
 49 136.1 101.2 151.8
 51 42.8 29.5 44.3
 86 79.0 52.3 78.5#





#21

trans-1,2-Dichloroethene

Concen: 19.053 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX005523.D

Acq: 23 Oct 2018 16:14

Instrument :
MSVOA_X
ClientSampleId :

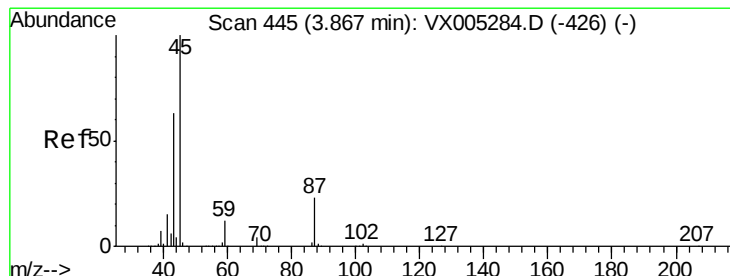
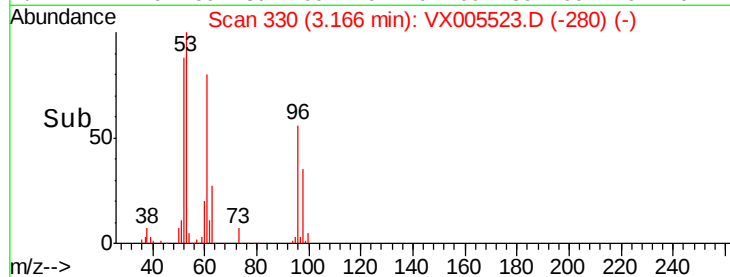
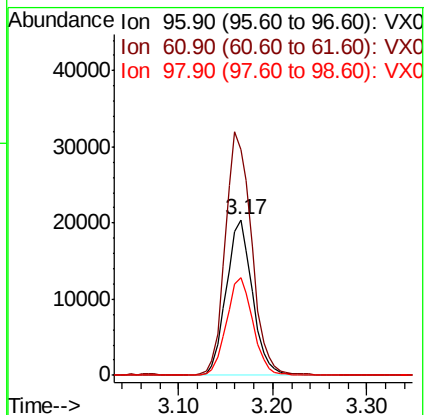
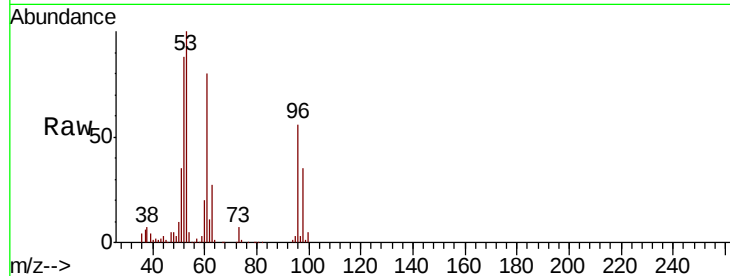
Tot Ion: 96 Resp: 39445

Ion Ratio Lower Upper

96 100

61 145.0 113.8 170.6

98 62.9 51.8 77.8



#22

Diisopropyl ether

Concen: 23.371 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

Lab File: VX005523.D

Acq: 23 Oct 2018 16:14

Tgt Ion: 45 Resp: 160998

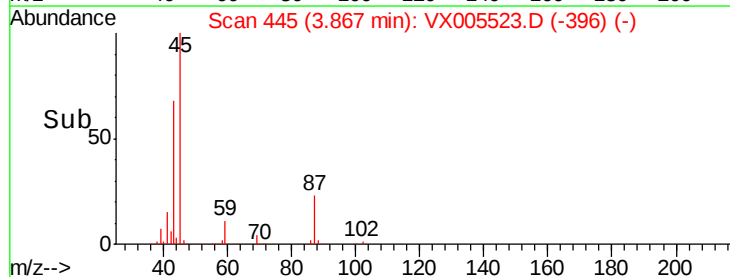
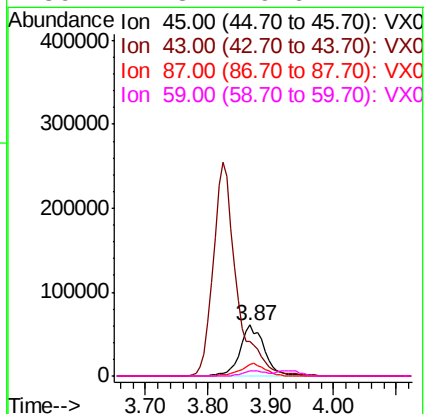
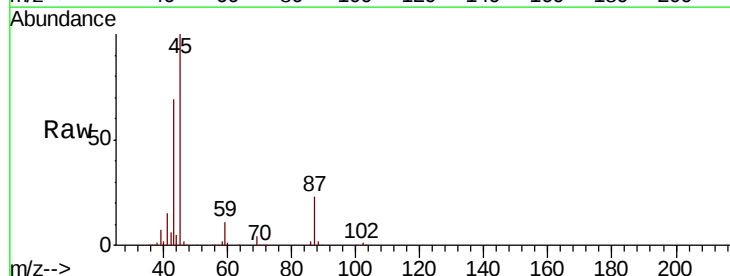
Ion Ratio Lower Upper

45 100

43 68.2 42.8 64.2#

87 23.5 22.6 34.0

59 11.3 9.6 14.4





#23

Vinyl Acetate

Concen: 109.057 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX005523.D

Acq: 23 Oct 2018 16:14

Instrument :

MSVOA_X

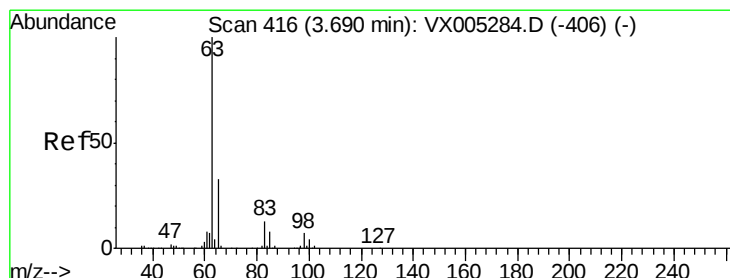
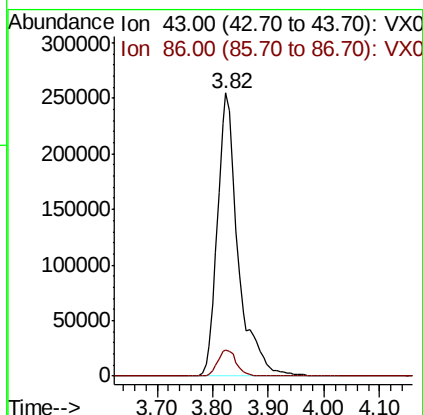
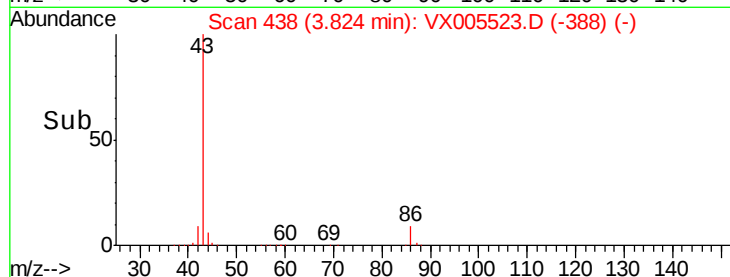
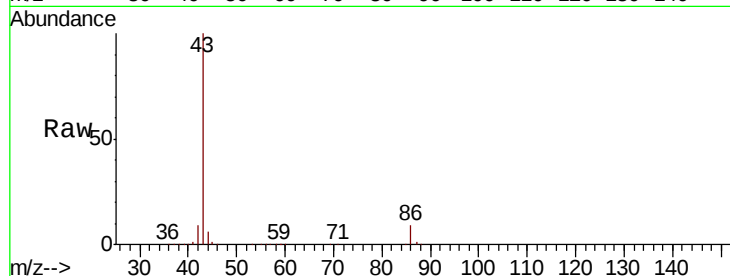
ClientSampled :

Tot Ion: 43 Resp: 656648

Ion Ratio Lower Upper

43 100

86 9.3 8.9 13.3



#24

1,1-Dichloroethane

Concen: 21.243 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.00 min

Lab File: VX005523.D

Acq: 23 Oct 2018 16:14

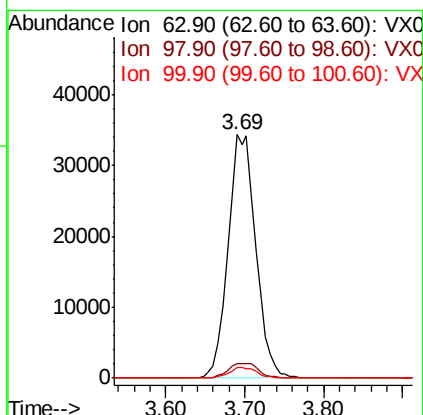
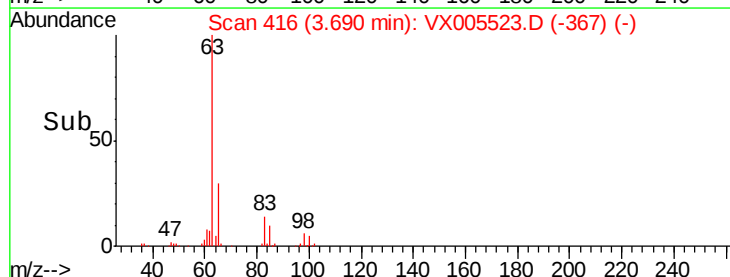
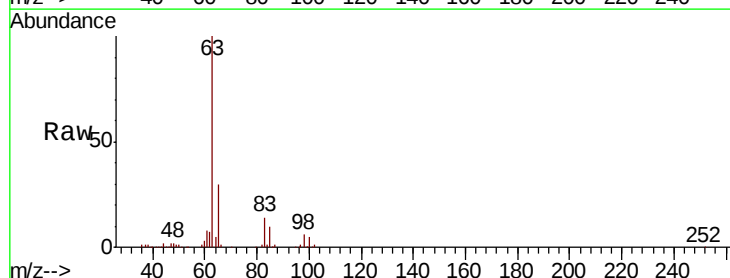
Tgt Ion: 63 Resp: 83869

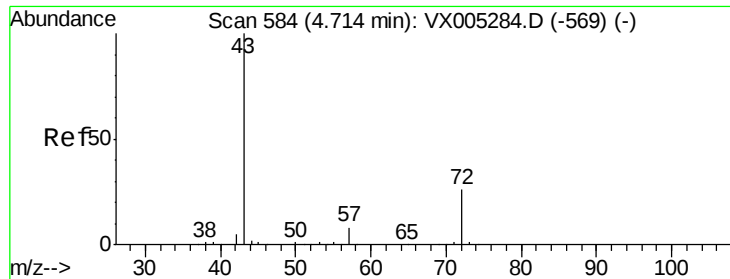
Ion Ratio Lower Upper

63 100

98 6.0 3.5 10.4

100 4.6 2.4 7.1





#25

2-Butanone

Concen: 116.548 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.02 min

Lab File: VX005523.D

Acq: 23 Oct 2018 16:14

Instrument :

MSVOA_X

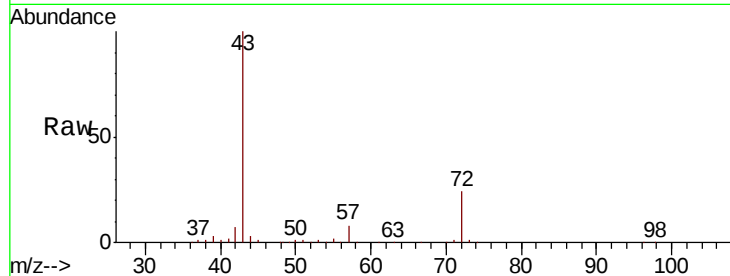
ClientSampleId :

Tot Ion: 43 Resp: 233397

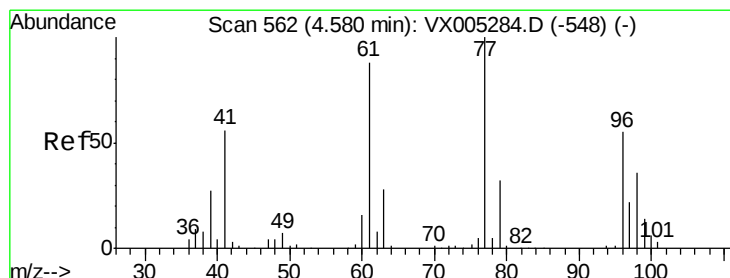
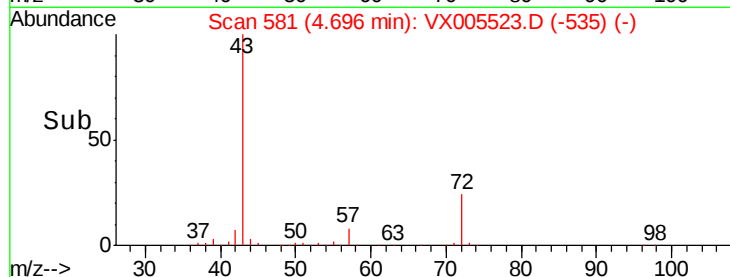
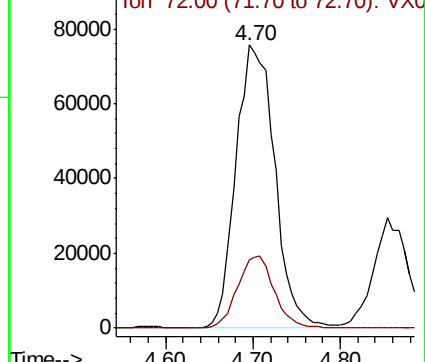
Ion Ratio Lower Upper

43 100

72 24.0 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0



#26

2,2-Dichloropropane

Concen: 21.106 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX005523.D

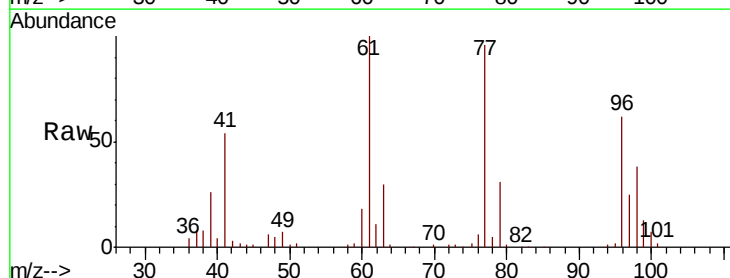
Acq: 23 Oct 2018 16:14

Tgt Ion: 77 Resp: 62322

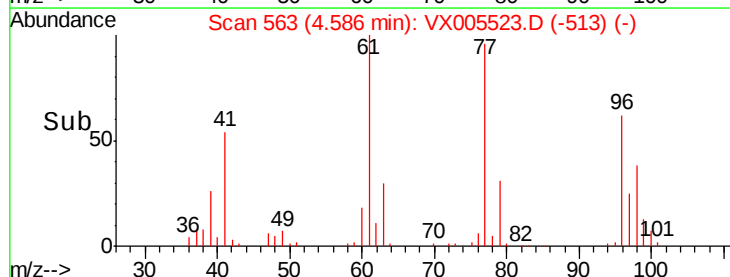
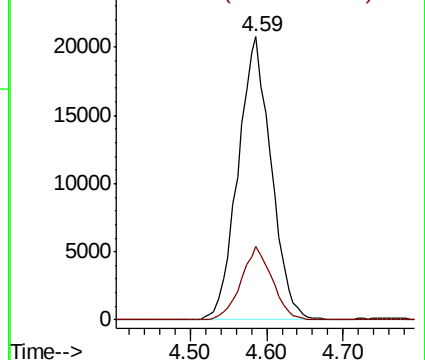
Ion Ratio Lower Upper

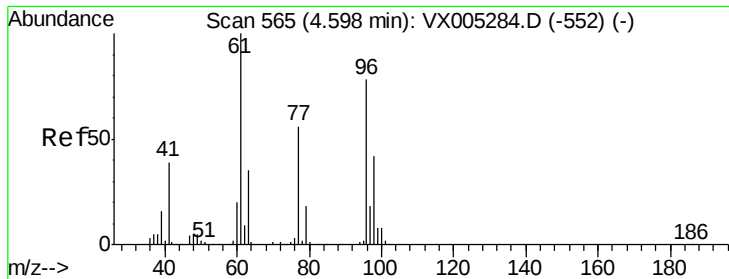
77 100

97 24.3 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0



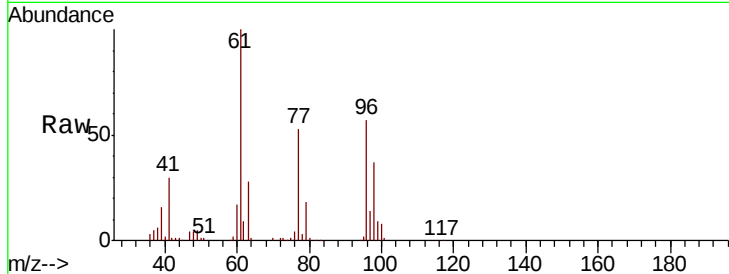


#27

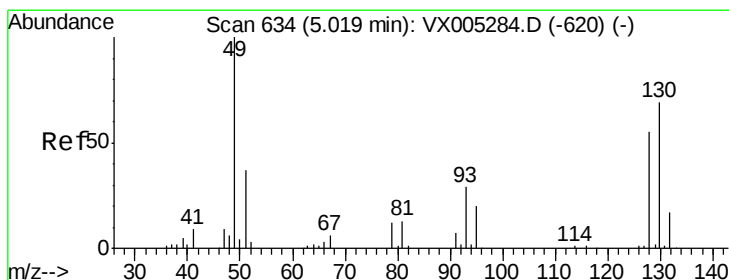
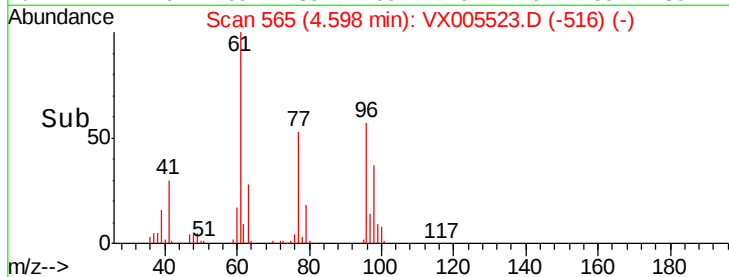
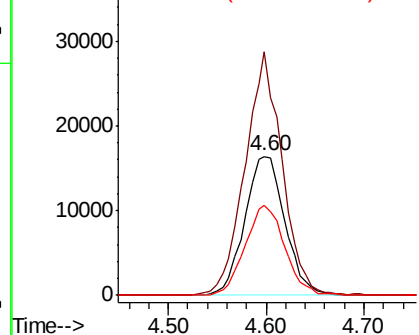
cis-1,2-Dichloroethene
 Concen: 20.780 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX005523.D
 Acq: 23 Oct 2018 16:14

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
96	100		
61	162.3	0.0	282.6
98	63.9	0.0	130.2



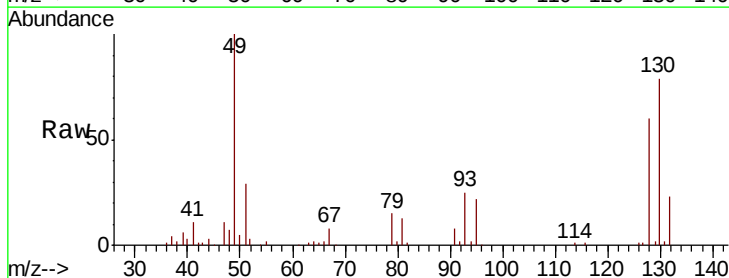
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



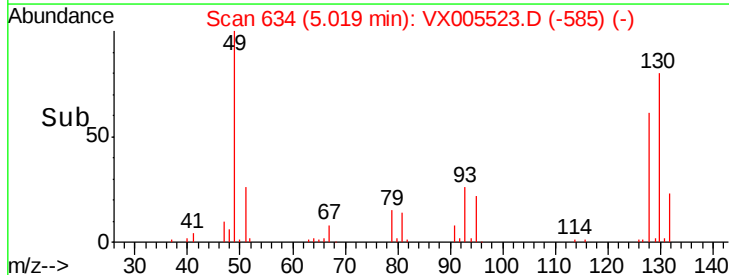
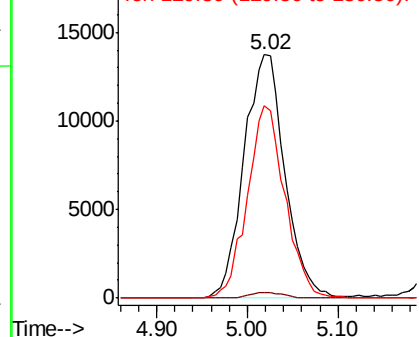
#28

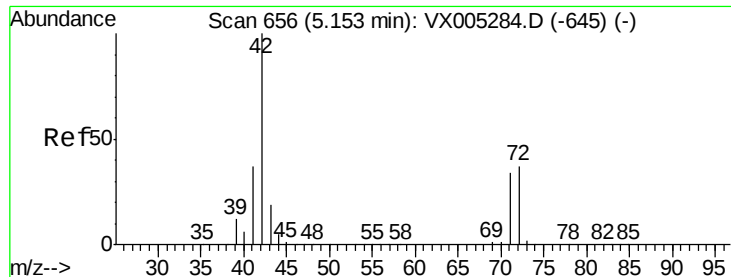
Bromochloromethane
 Concen: 23.826 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX005523.D
 Acq: 23 Oct 2018 16:14

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.2
130	72.6	67.5	101.3



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

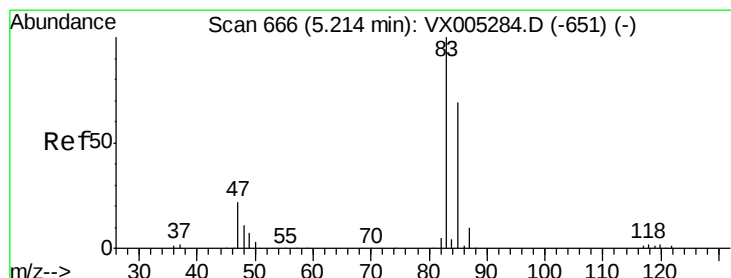
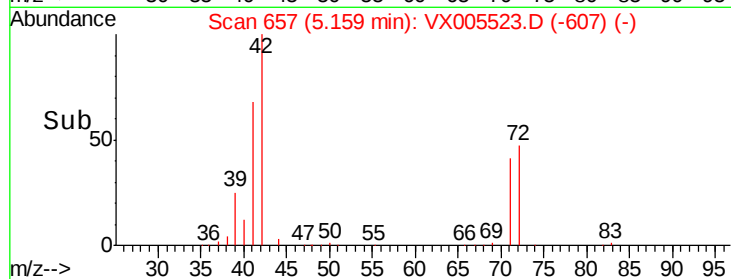
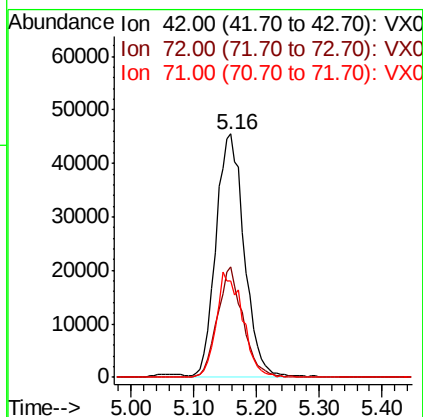
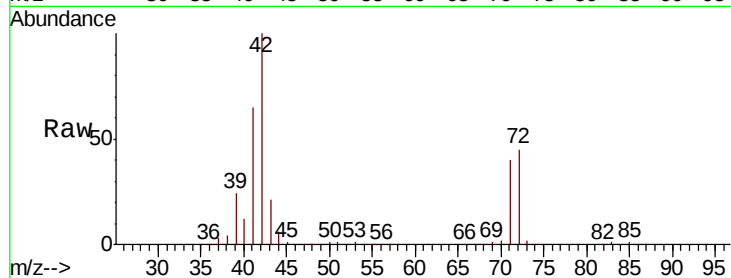




#29
Tetrahydrofuran
Concen: 110.401 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX005523.D
Acq: 23 Oct 2018 16:14

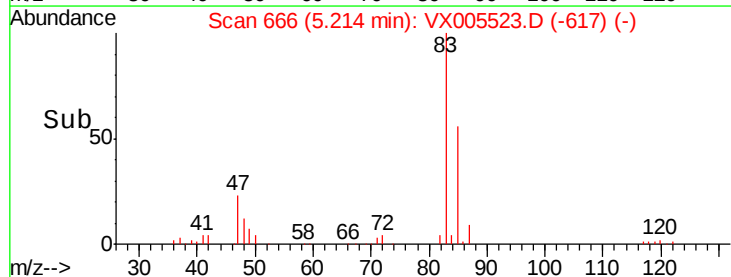
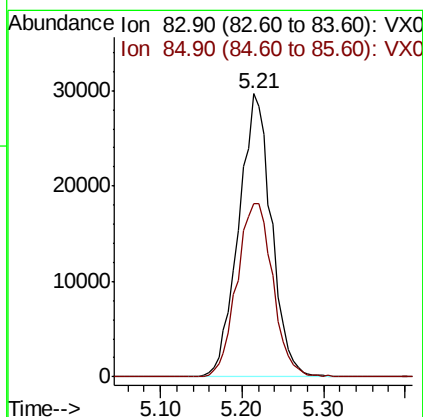
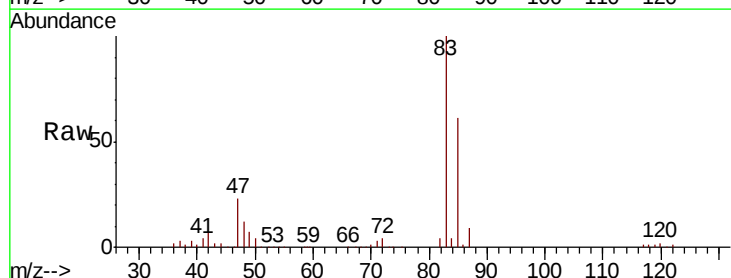
Instrument :
MSVOA_X
ClientSampleId :

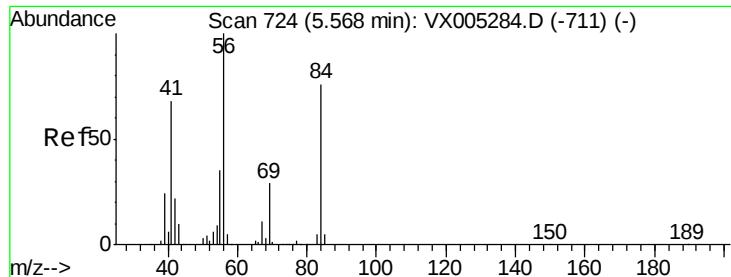
Tot Ion: 42 Resp: 141025
Ion Ratio Lower Upper
42 100
72 41.4 37.4 56.0
71 40.6 34.5 51.7



#30
Chloroform
Concen: 22.612 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX005523.D
Acq: 23 Oct 2018 16:14

Tgt Ion: 83 Resp: 82864
Ion Ratio Lower Upper
83 100
85 61.3 52.6 79.0

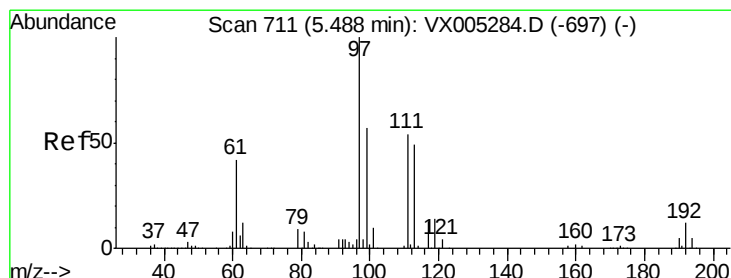
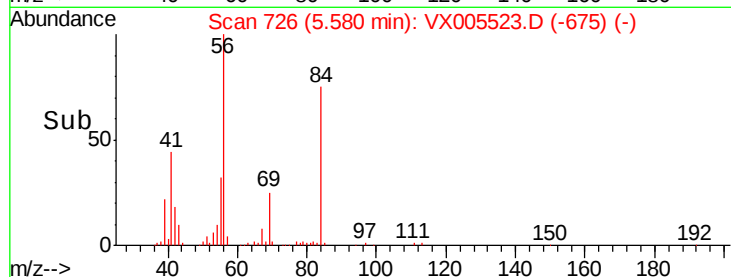
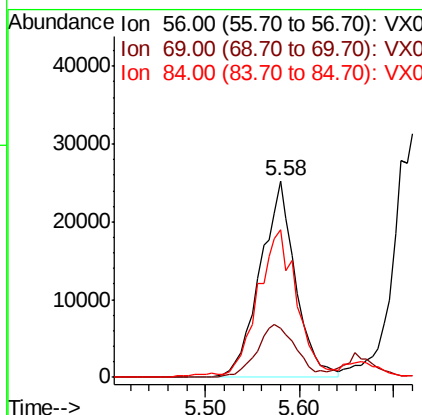
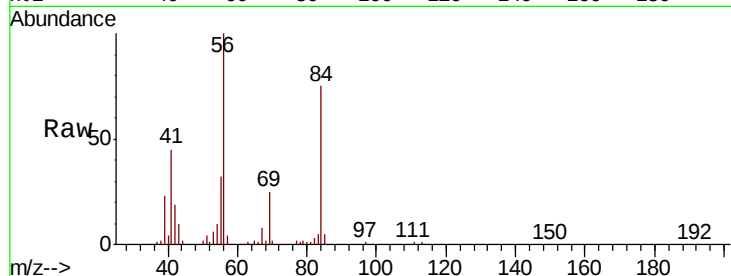




#31
Cyclohexane
Concen: 20.258 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX005523.D
Acq: 23 Oct 2018 16:14

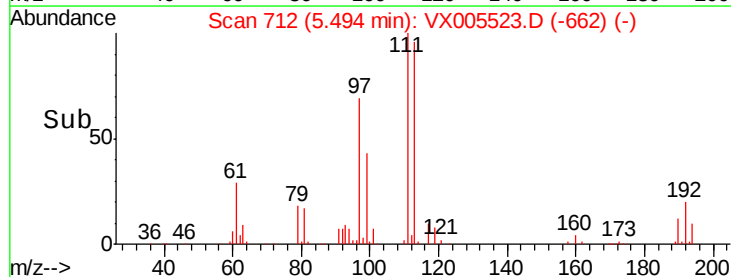
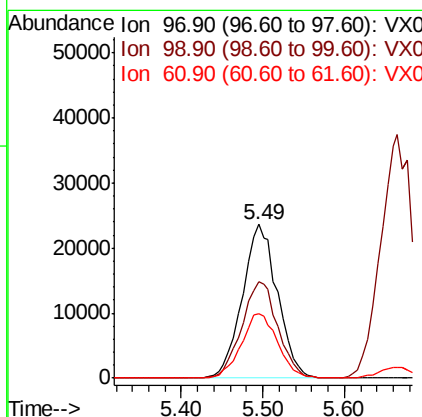
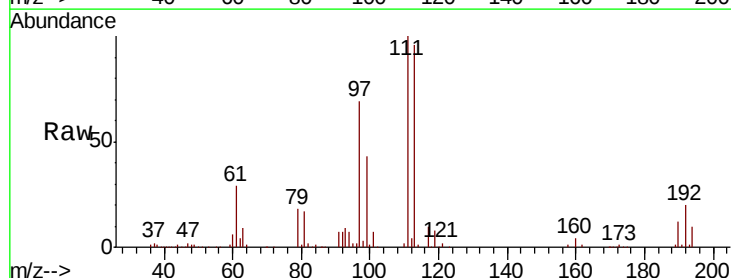
Instrument :
MSVOA_X
ClientSampleId :

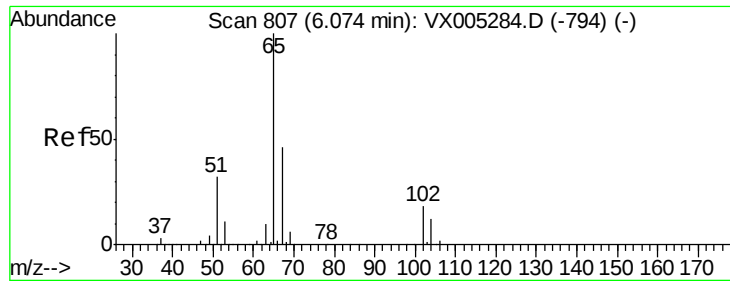
Tot Ion: 56 Resp: 65920
Ion Ratio Lower Upper
56 100
69 24.7 25.4 38.2#
84 74.3 71.4 107.2



#32
1,1,1-Trichloroethane
Concen: 22.119 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.01 min
Lab File: VX005523.D
Acq: 23 Oct 2018 16:14

Tgt Ion: 97 Resp: 70528
Ion Ratio Lower Upper
97 100
99 64.4 52.0 78.0
61 43.5 34.9 52.3





#33

1,2-Dichloroethane-d4

Concen: 52.810 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX005523.D

Acq: 23 Oct 2018 16:14

Instrument :

MSVOA_X

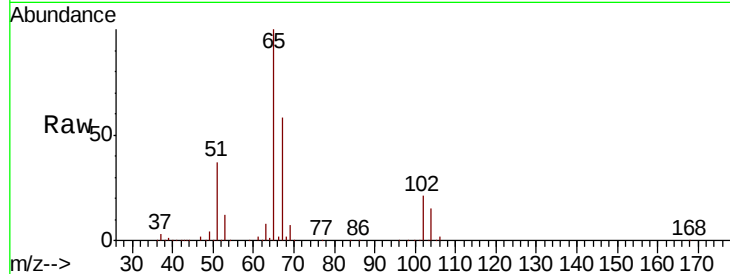
ClientSampled :

Tot Ion: 65 Resp: 125015

Ion Ratio Lower Upper

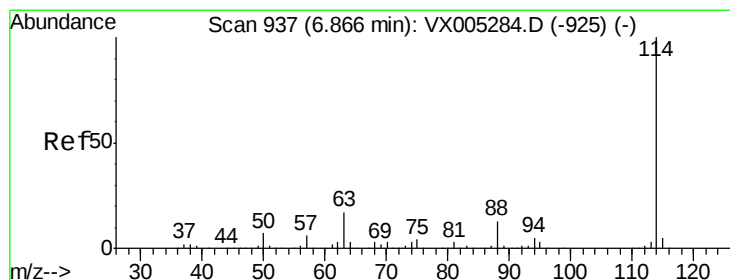
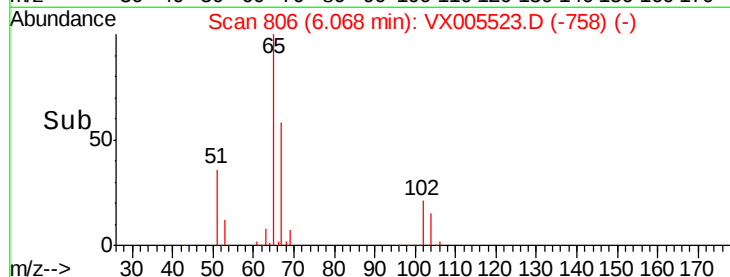
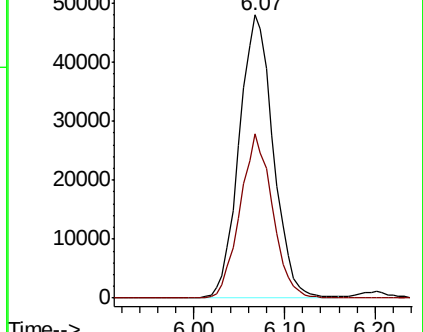
65 100

67 55.5 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 937

Delta R.T. -0.00 min

Lab File: VX005523.D

Acq: 23 Oct 2018 16:14

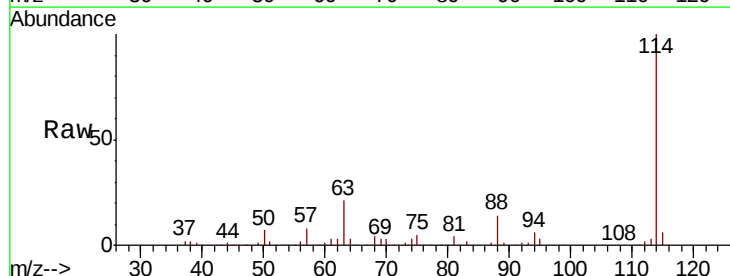
Tgt Ion: 114 Resp: 323198

Ion Ratio Lower Upper

114 100

63 20.8 0.0 39.0

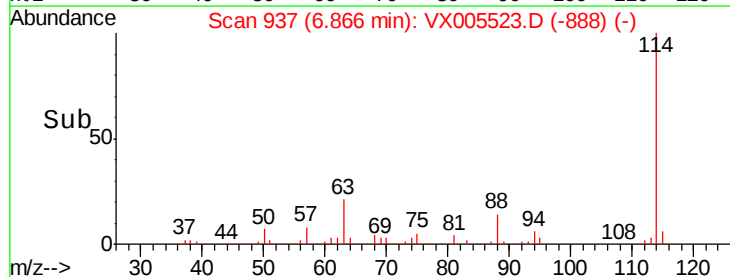
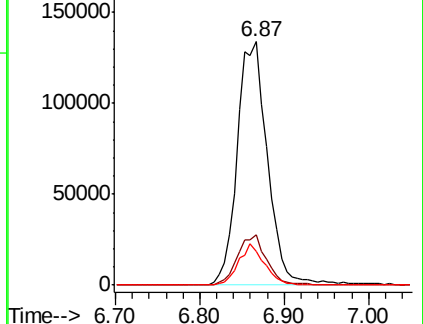
88 13.8 0.0 30.4

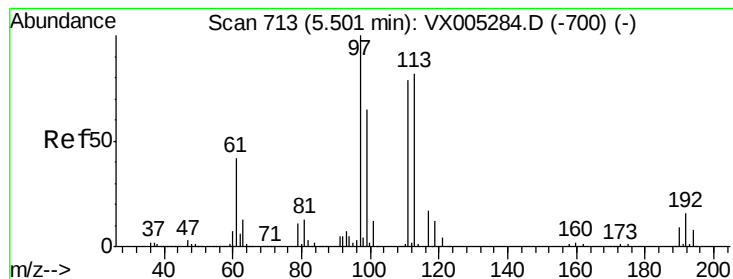


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.326 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX005523.D

Acq: 23 Oct 2018 16:14

Instrument :
MSVOA_X
ClientSampled :

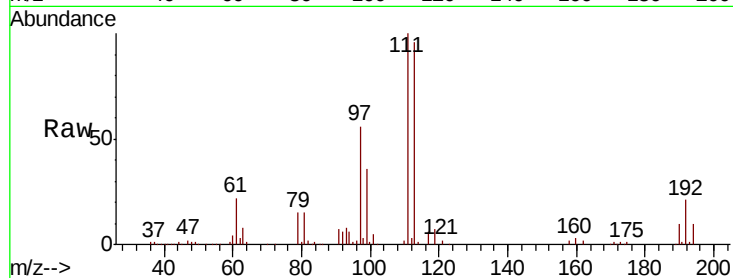
Tot Ion:113 Resp: 105588

Ion Ratio Lower Upper

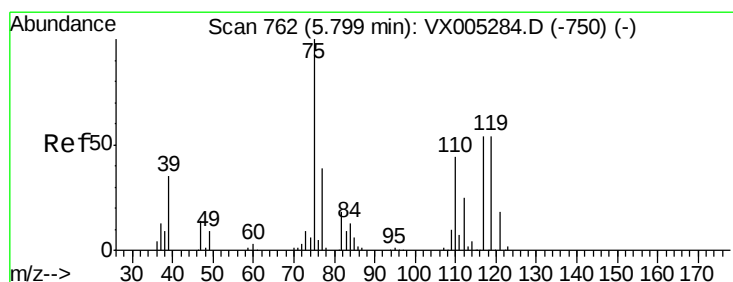
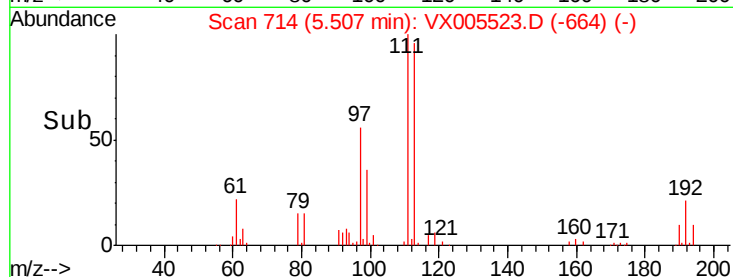
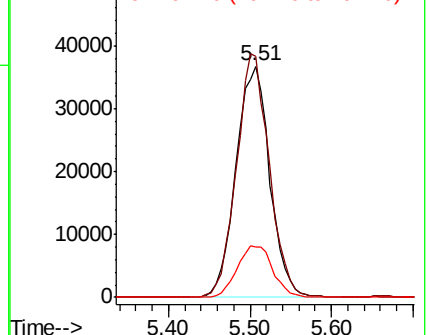
113 100

111 102.1 82.4 123.6

192 23.3 19.4 29.2



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



#36

1,1-Dichloropropene

Concen: 18.040 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX005523.D

Acq: 23 Oct 2018 16:14

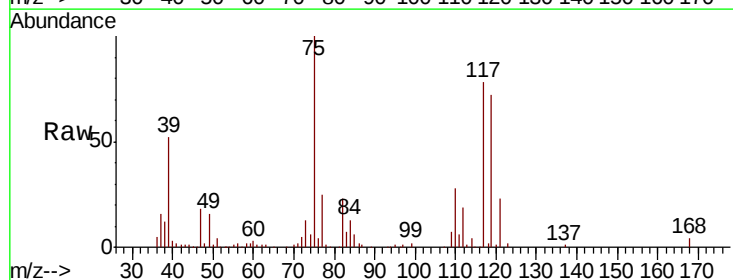
Tgt Ion: 75 Resp: 56469

Ion Ratio Lower Upper

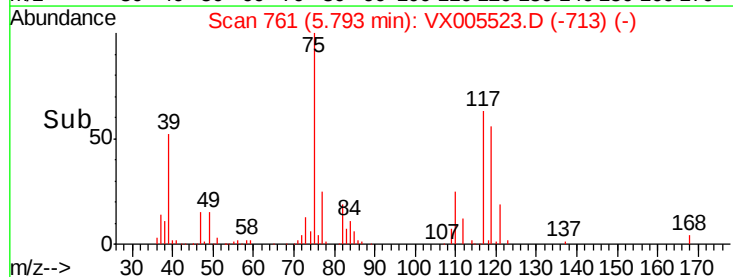
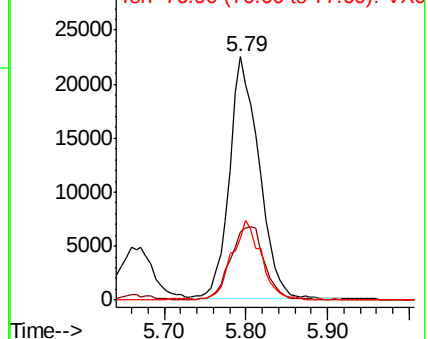
75 100

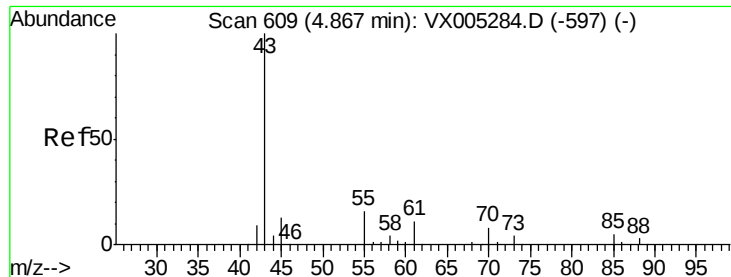
110 34.9 18.0 54.0

77 32.0 24.6 36.8



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

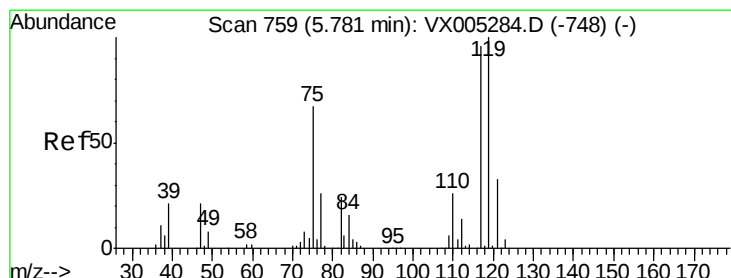
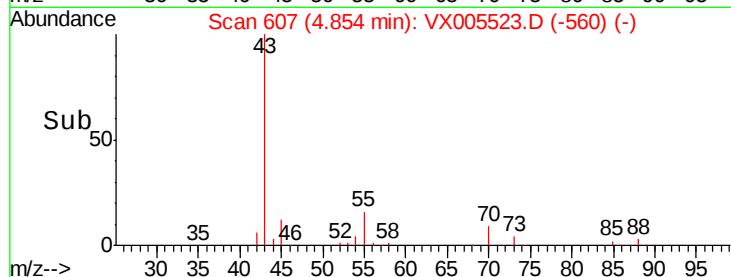
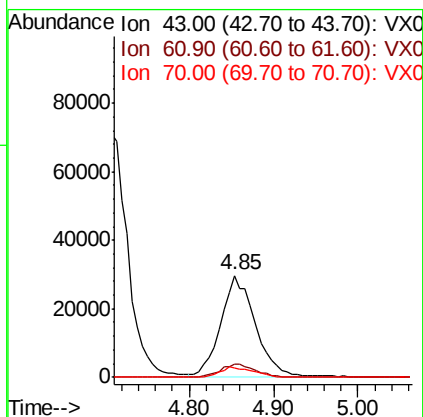
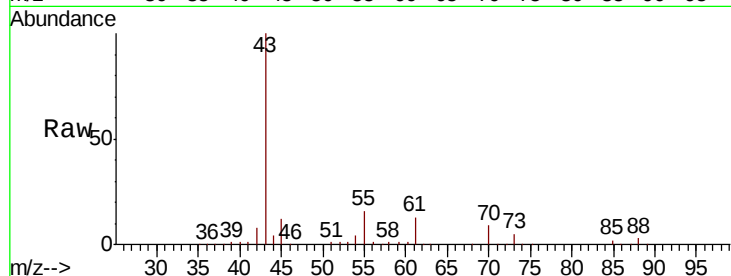




#37
Ethyl Acetate
Concen: 20.629 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX005523.D
Acq: 23 Oct 2018 16:14

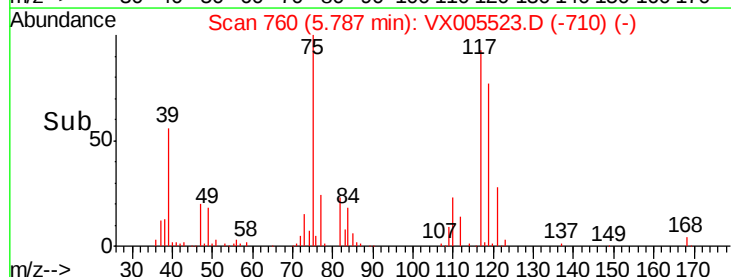
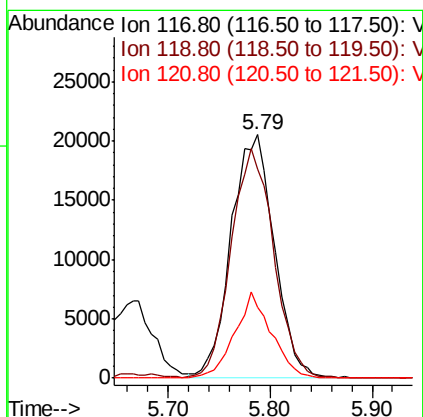
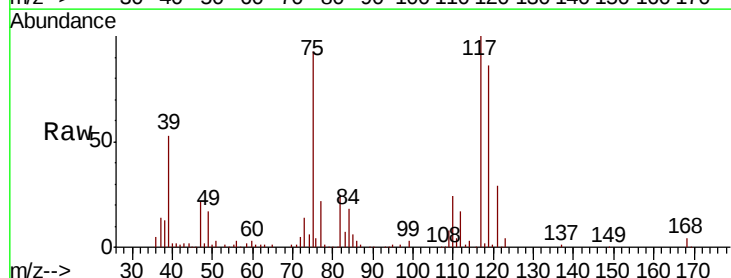
Instrument :
MSVOA_X
ClientSampleID :

Tot Ion: 43 Resp: 83043
Ion Ratio Lower Upper
43 100
61 12.5 11.5 17.3
70 10.1 9.0 13.6



#38
Carbon Tetrachloride
Concen: 19.161 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX005523.D
Acq: 23 Oct 2018 16:14

Tgt Ion: 117 Resp: 60263
Ion Ratio Lower Upper
117 100
119 85.9 78.8 118.2
121 29.3 24.9 37.3

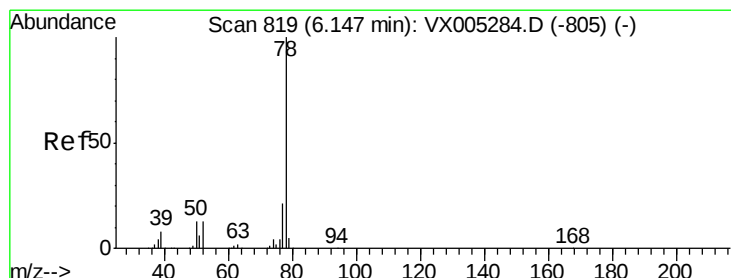
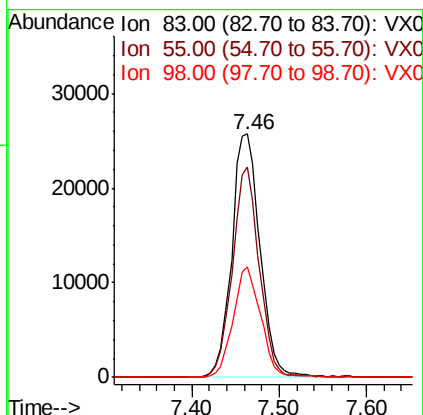
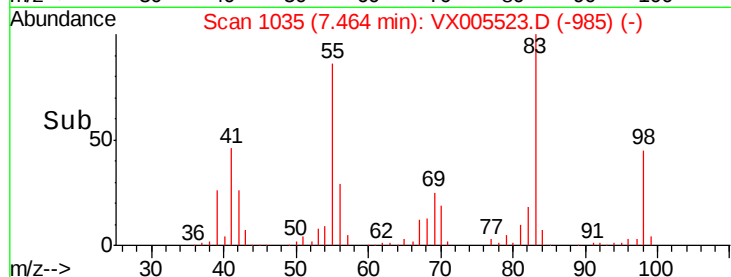
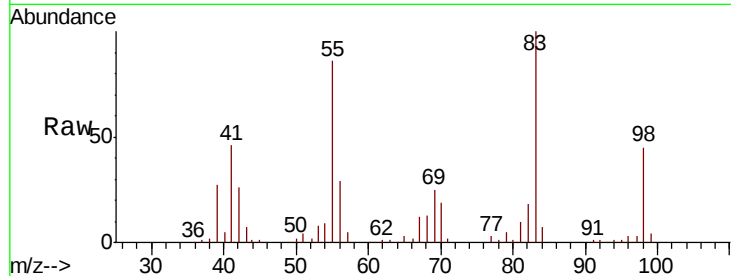




#39
Methvlcvclohexane
Concen: 17.154 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX005523.D
Acq: 23 Oct 2018 16:14

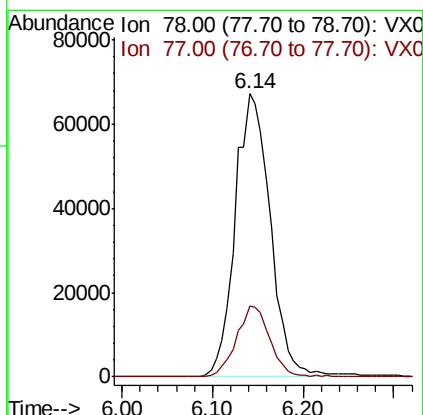
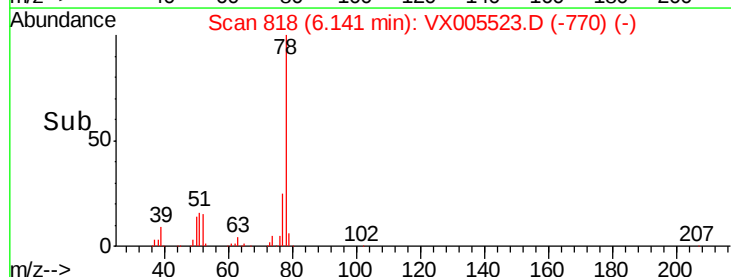
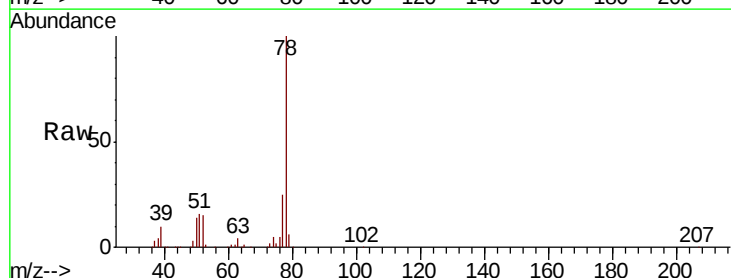
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 58113
Ion Ratio Lower Upper
83 100
55 86.2 61.0 91.4
98 45.3 39.6 59.4



#40
Benzene
Concen: 19.213 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX005523.D
Acq: 23 Oct 2018 16:14

Tgt Ion: 78 Resp: 180404
Ion Ratio Lower Upper
78 100
77 25.1 19.0 28.4

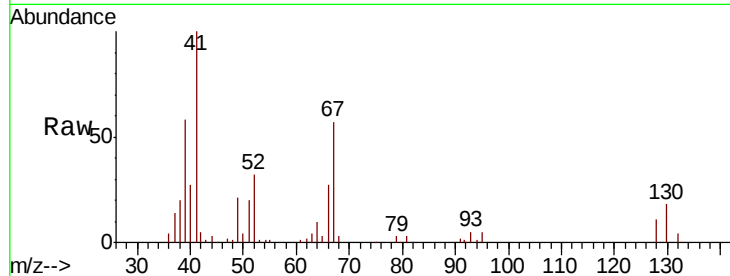




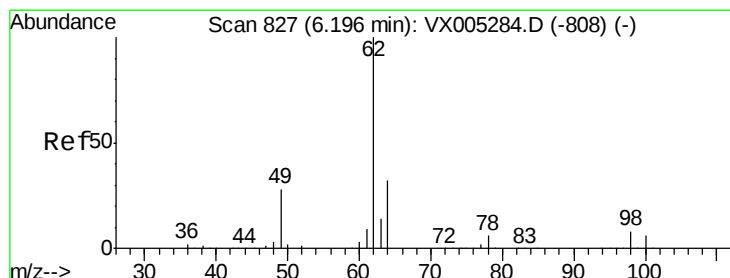
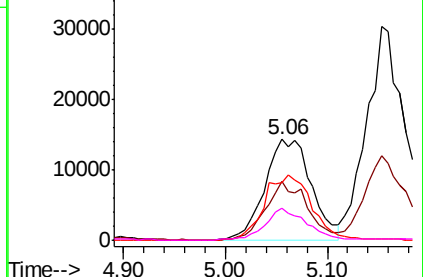
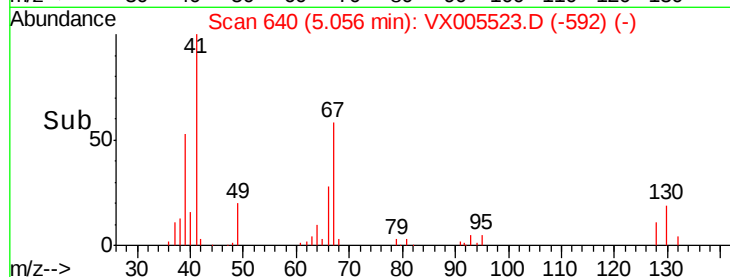
#41
Methacrylonitrile
Concen: 21.034 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX005523.D
Acq: 23 Oct 2018 16:14

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	45394
Ion	Ratio	Lower	Upper
41	100		
39	52.9	42.4	63.6
67	66.0	59.2	88.8
52	27.2	23.0	34.4

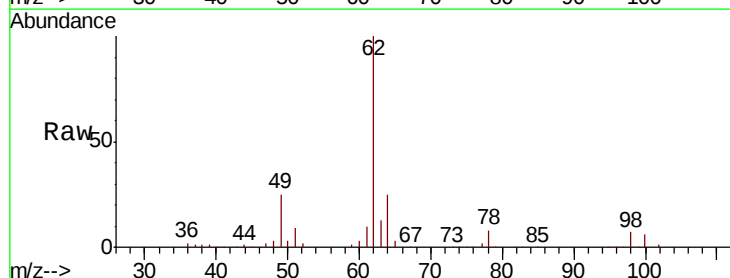


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

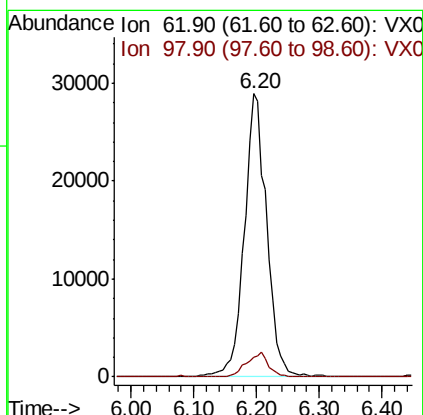
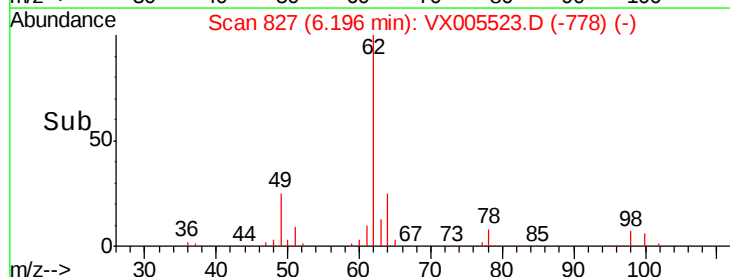


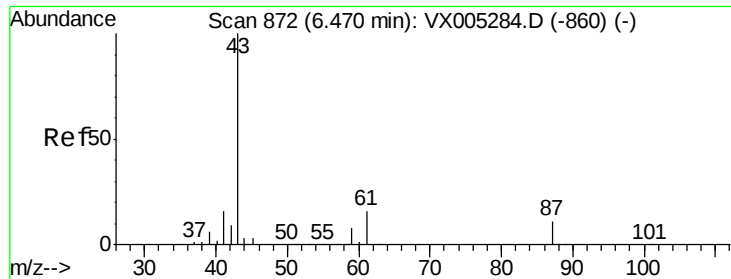
#42
1,2-Dichloroethane
Concen: 21.531 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX005523.D
Acq: 23 Oct 2018 16:14

Tgt Ion:	62	Resp:	71387
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	20.6



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



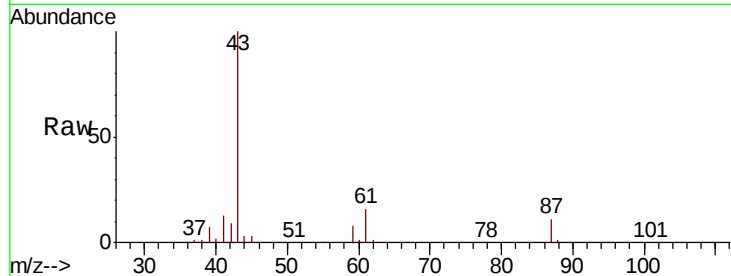


#43

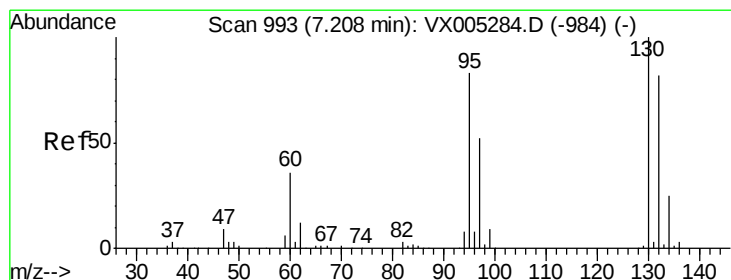
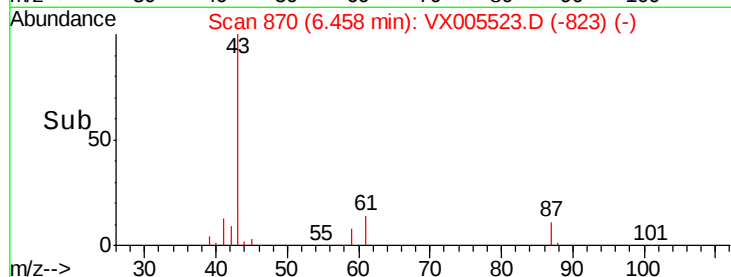
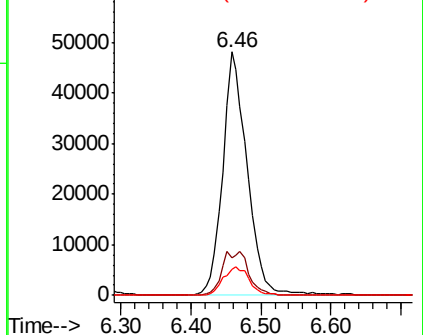
Isopropyl Acetate
 Concen: 21.637 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.01 min
 Lab File: VX005523.D
 Acq: 23 Oct 2018 16:14

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 43 Resp: 116026
 Ion Ratio Lower Upper
 43 100
 61 19.7 17.0 25.4
 87 12.8 11.4 17.2



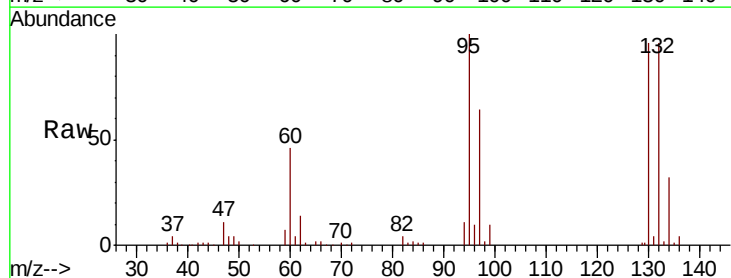
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



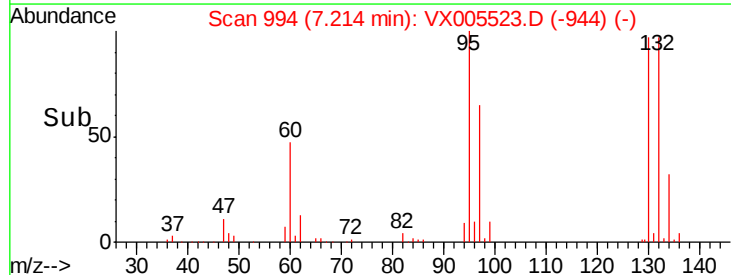
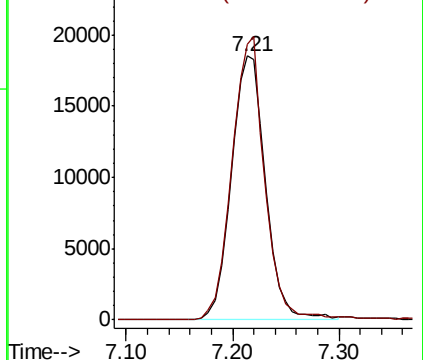
#44

Trichloroethene
 Concen: 16.972 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: VX005523.D
 Acq: 23 Oct 2018 16:14

Tgt Ion:130 Resp: 41677
 Ion Ratio Lower Upper
 130 100
 95 104.4 0.0 181.6



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

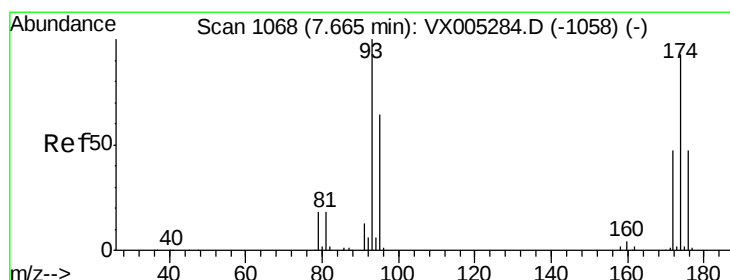
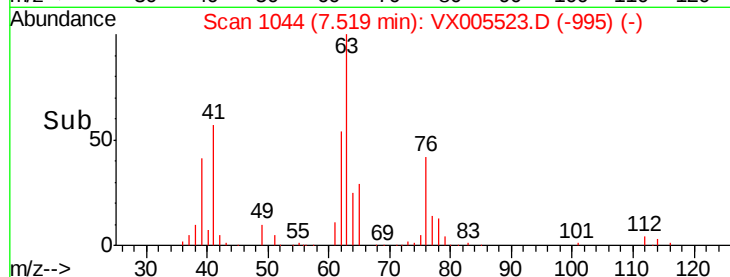
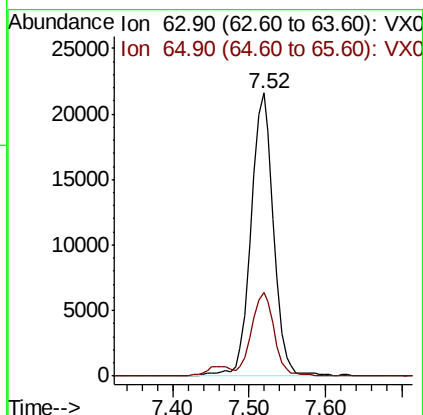
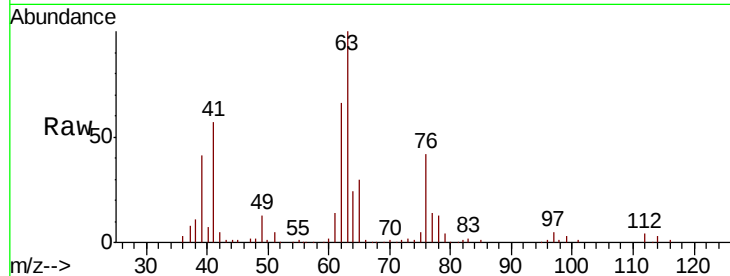




#45
 1,2-Dichloropropane
 Concen: 19.370 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX005523.D
 Acq: 23 Oct 2018 16:14

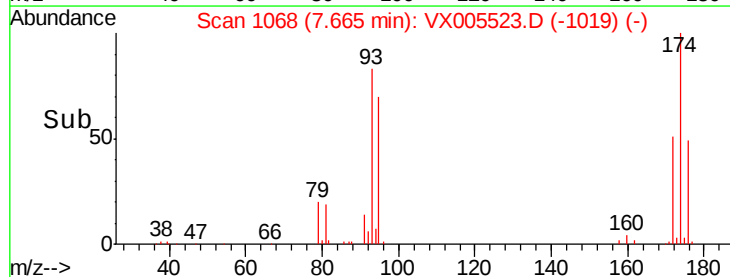
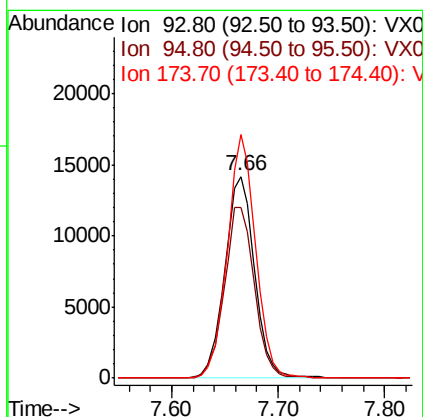
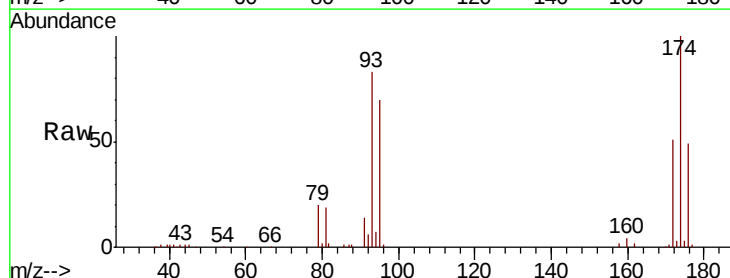
Instrument :
 MSVOA_X
 ClientSampleId :

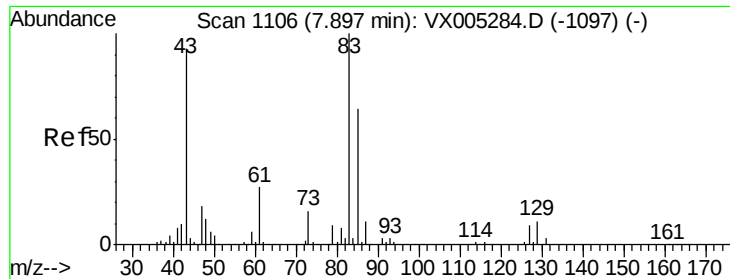
Tot Ion: 63 Resp: 44614
 Ion Ratio Lower Upper
 63 100
 65 29.4 24.3 36.5



#46
 Dibromomethane
 Concen: 18.217 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VX005523.D
 Acq: 23 Oct 2018 16:14

Tgt Ion: 93 Resp: 27693
 Ion Ratio Lower Upper
 93 100
 95 85.4 65.5 98.3
 174 114.8 94.2 141.4





#47

Bromodichloromethane

Concen: 19.689 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX005523.D

Acq: 23 Oct 2018 16:14

Instrument :

MSVOA_X

ClientSampleId :

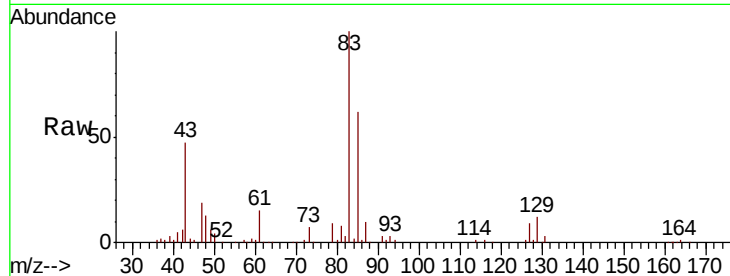
Tot Ion: 83 Resp: 55364

Ion Ratio Lower Upper

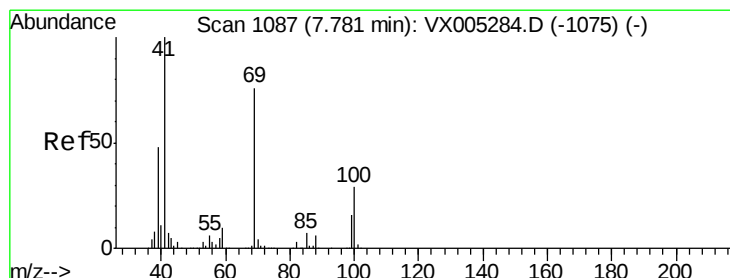
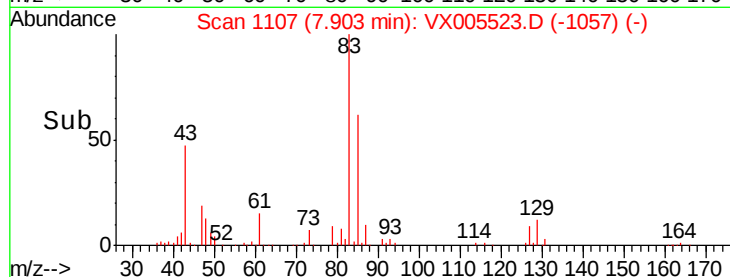
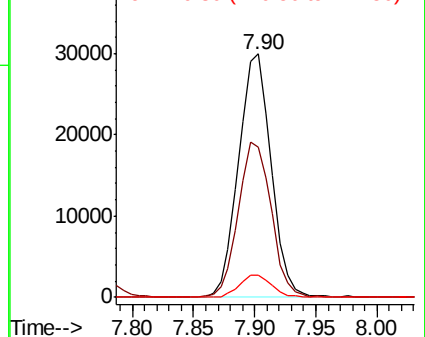
83 100

85 61.6 50.9 76.3

127 9.0 7.3 10.9



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



#48

Methyl methacrylate

Concen: 19.407 ug/l

RT: 7.78 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX005523.D

Acq: 23 Oct 2018 16:14

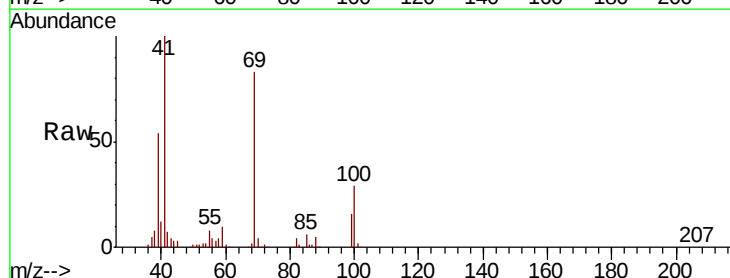
Tgt Ion: 41 Resp: 53975

Ion Ratio Lower Upper

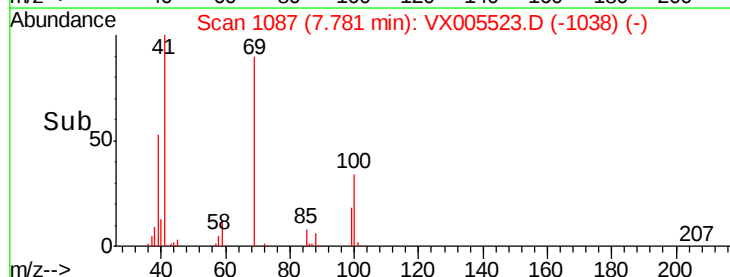
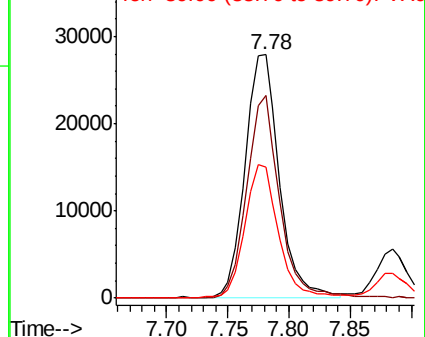
41 100

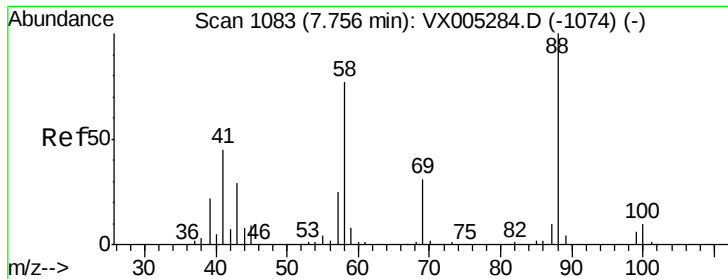
69 80.4 70.2 105.4

39 54.7 42.7 64.1



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

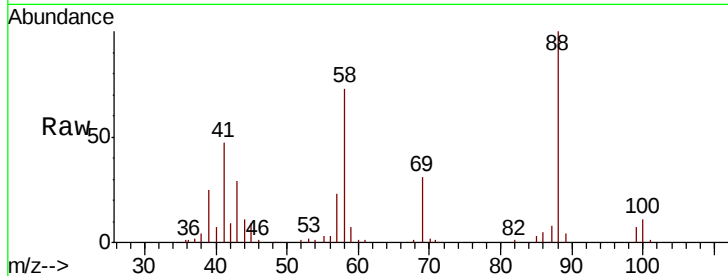




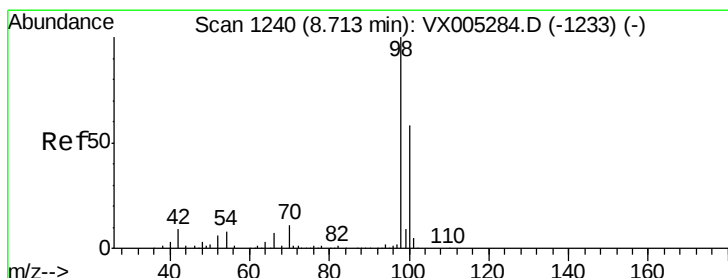
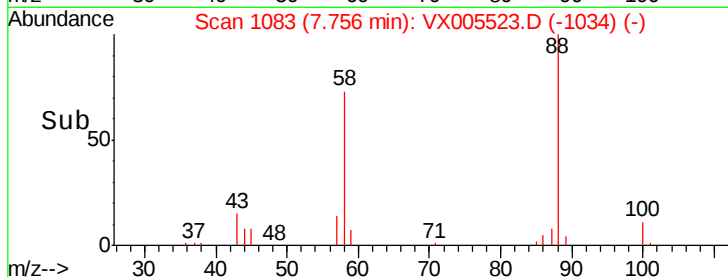
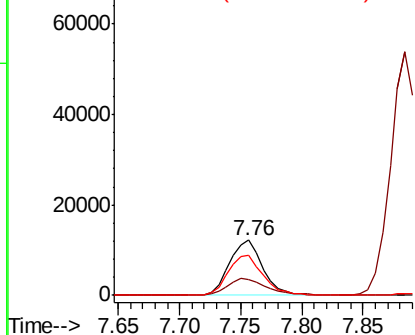
#49
1,4-Dioxane
Concen: 358.569 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX005523.D
Acq: 23 Oct 2018 16:14

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 23001
Ion Ratio Lower Upper
88 100
43 34.3 24.7 37.1
58 76.7 55.3 82.9

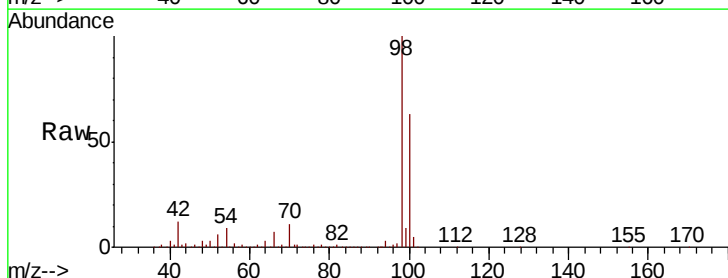


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

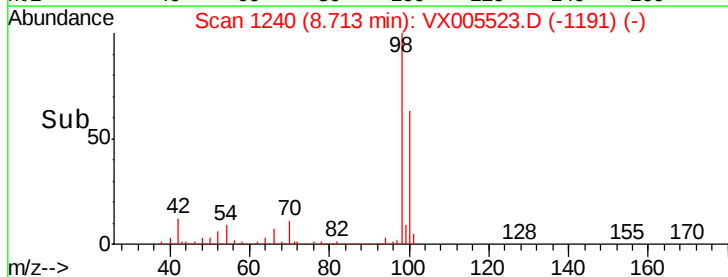
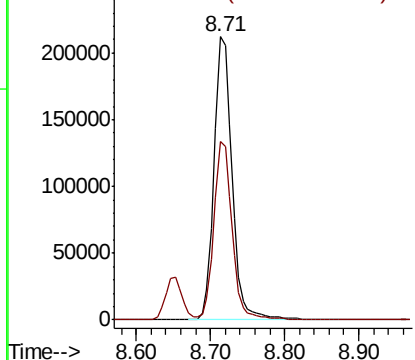


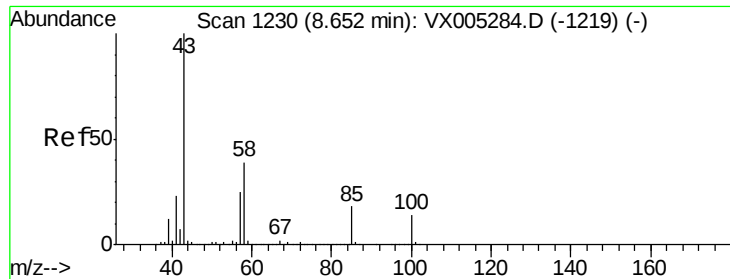
#50
Toluene-d8
Concen: 47.936 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005523.D
Acq: 23 Oct 2018 16:14

Tgt Ion: 98 Resp: 352277
Ion Ratio Lower Upper
98 100
100 64.0 52.9 79.3



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





#51

4-Methyl-2-Pentanone

Concen: 105.713 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.01 min

Lab File: VX005523.D

Acq: 23 Oct 2018 16:14

Instrument :

MSVOA_X

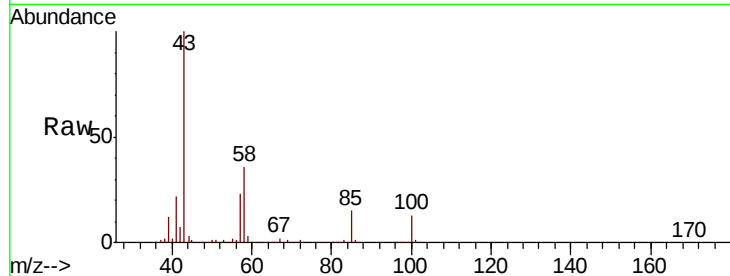
ClientSampled :

Tot Ion: 43 Resp: 392506

Ion Ratio Lower Upper

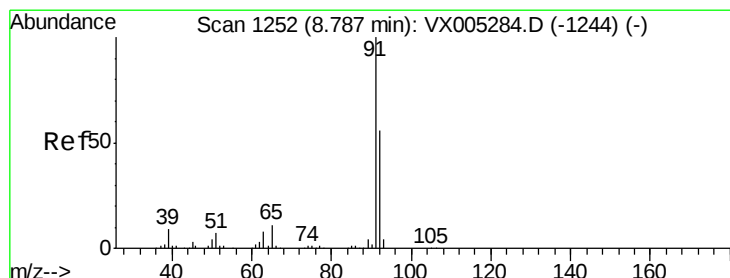
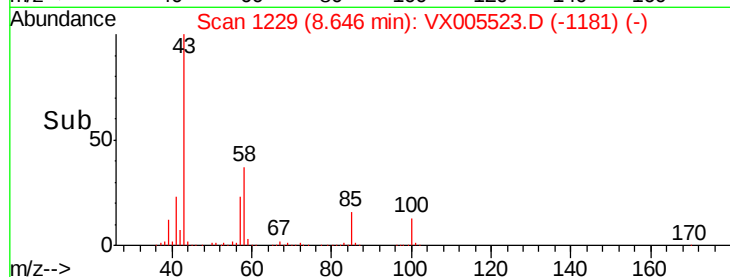
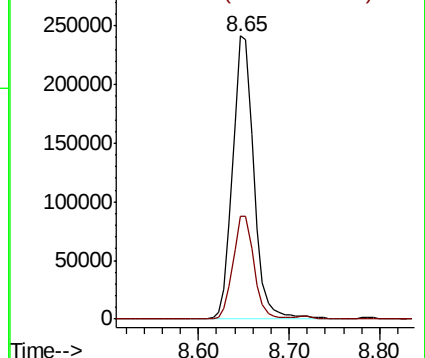
43 100

58 36.1 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.240 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005523.D

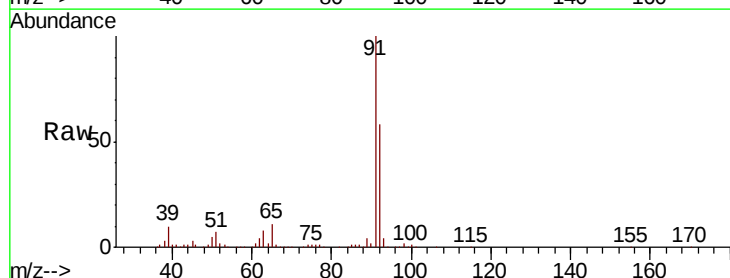
Acq: 23 Oct 2018 16:14

Tgt Ion: 92 Resp: 98839

Ion Ratio Lower Upper

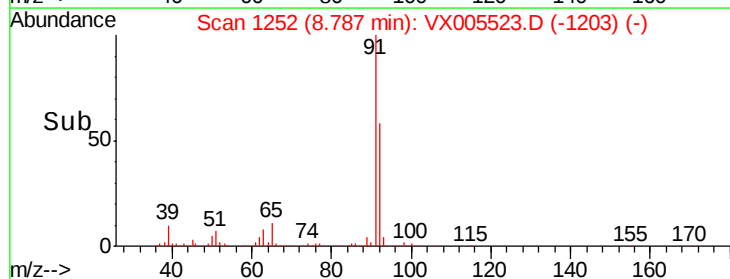
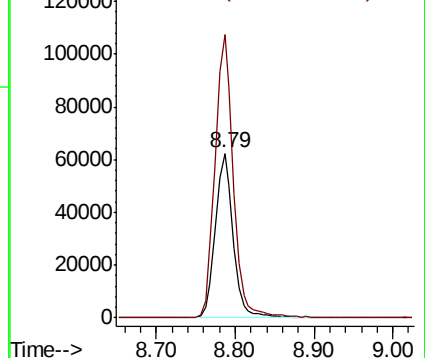
92 100

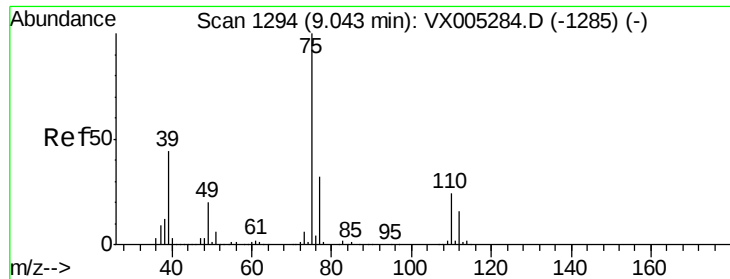
91 176.8 136.4 204.6



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: 19.296 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX005523.D

Acq: 23 Oct 2018 16:14

Instrument :

MSVOA_X

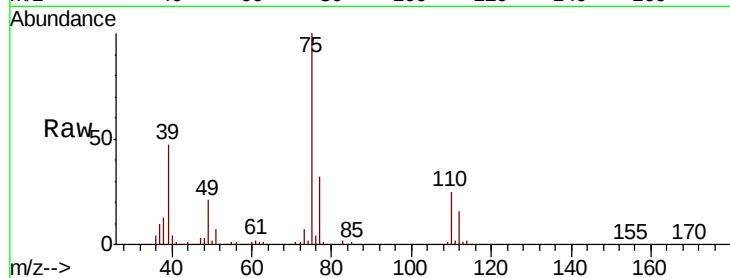
ClientSampleId :

Tot Ion: 75 Resp: 58719

Ion Ratio Lower Upper

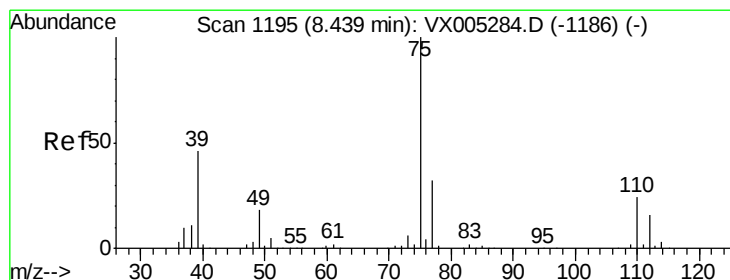
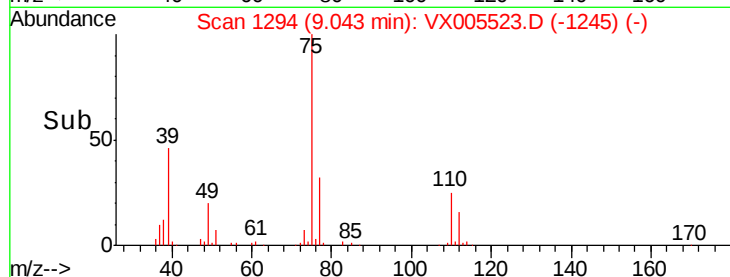
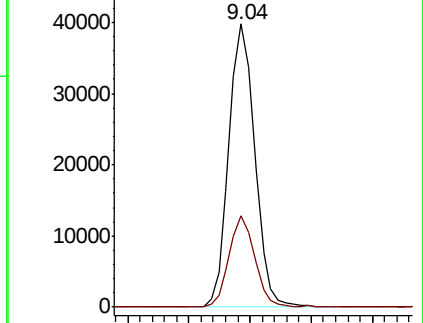
75 100

77 32.1 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 19.404 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. -0.00 min

Lab File: VX005523.D

Acq: 23 Oct 2018 16:14

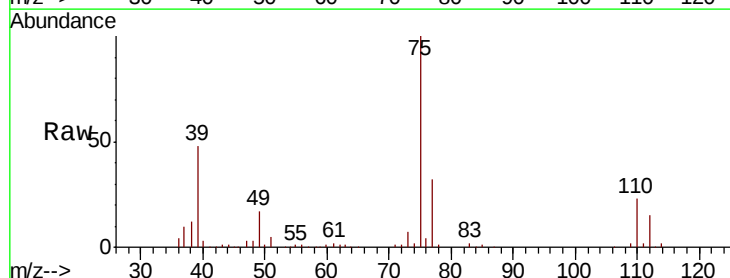
Tgt Ion: 75 Resp: 63982

Ion Ratio Lower Upper

75 100

77 31.6 26.2 39.2

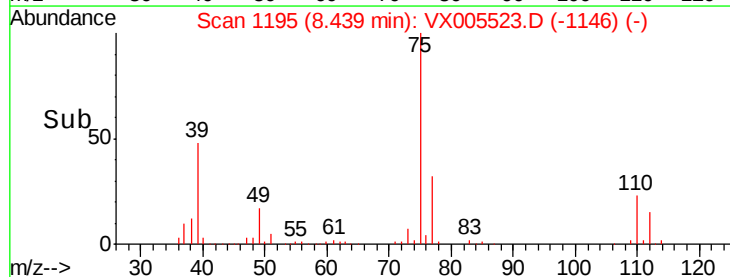
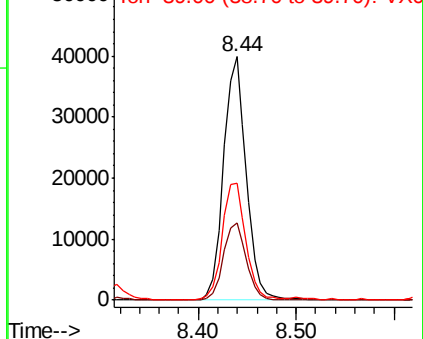
39 47.9 36.4 54.6

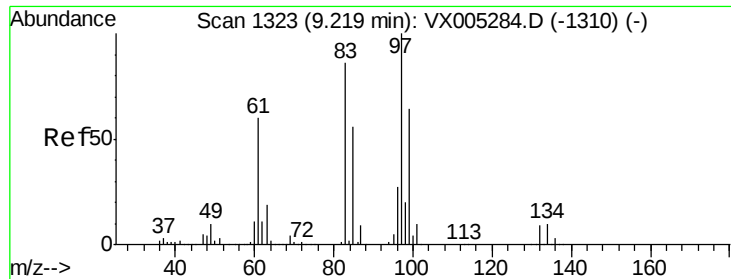


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

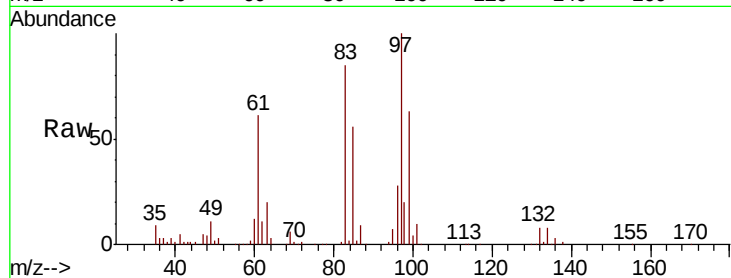




#55
1,1,2-Trichloroethane
Concen: 19.843 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. -0.01 min
Lab File: VX005523.D
Acq: 23 Oct 2018 16:14

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	97	Resp:	43176
Ion	Ratio	Lower	Upper
97	100		
83	85.1	66.4	99.6
85	56.0	43.3	64.9
99	62.5	49.0	73.4



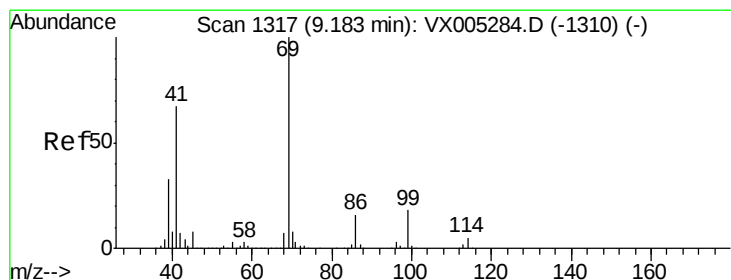
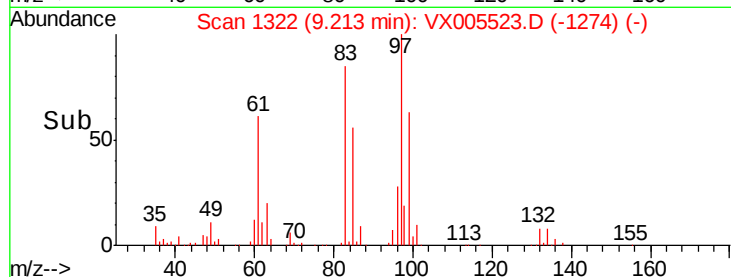
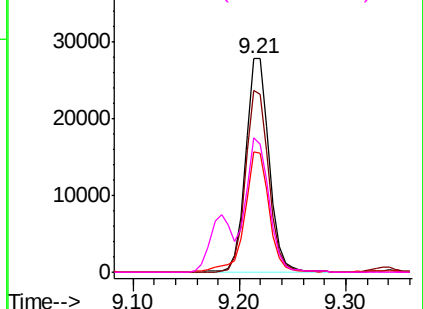
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

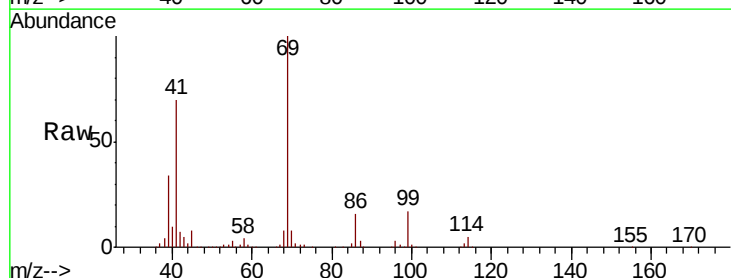
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
Ethyl methacrylate
Concen: 20.002 ug/l
RT: 9.18 min Scan# 1317
Delta R.T. -0.00 min
Lab File: VX005523.D
Acq: 23 Oct 2018 16:14

Tgt Ion:	69	Resp:	63445
Ion	Ratio	Lower	Upper
69	100		
41	69.7	51.0	76.4
39	35.0	26.1	39.1

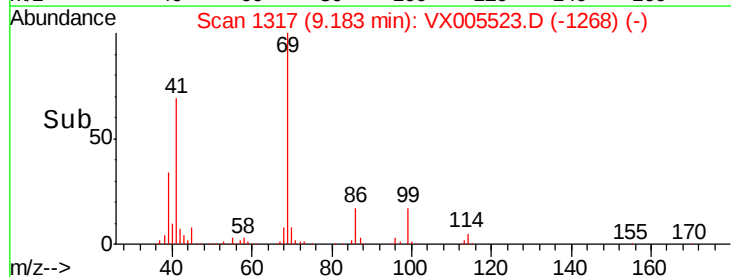
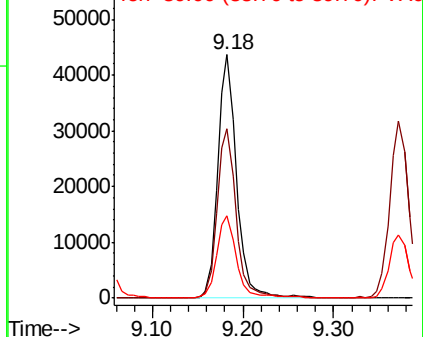


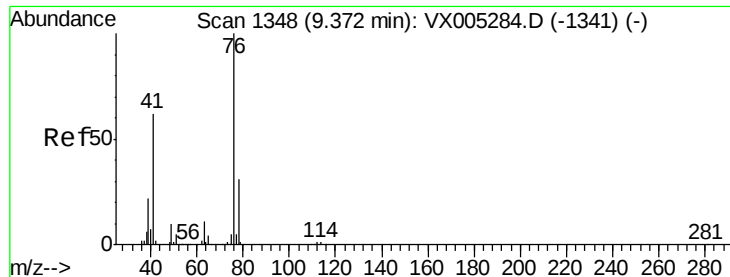
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.737 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX005523.D

Acq: 23 Oct 2018 16:14

Instrument :

MSVOA_X

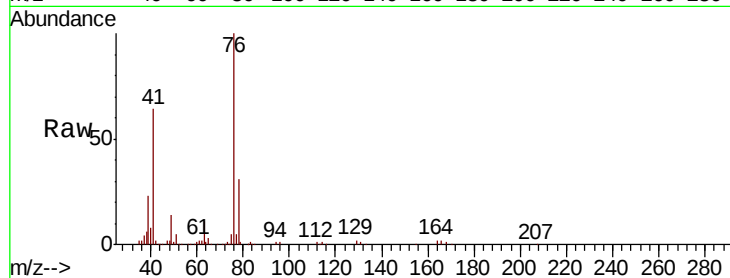
ClientSampled :

Tot Ion: 76 Resp: 71677

Ion Ratio Lower Upper

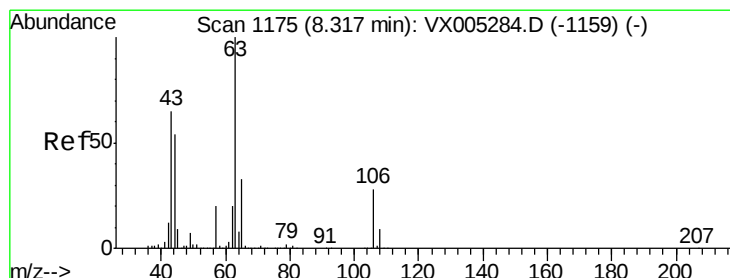
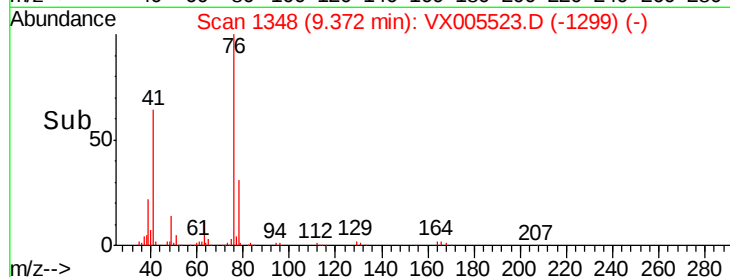
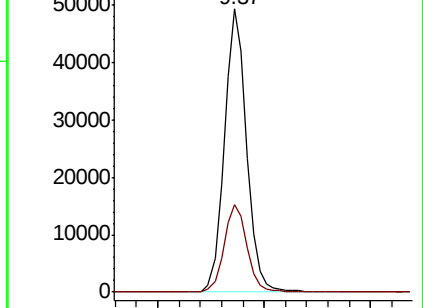
76 100

78 31.7 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 101.905 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. -0.00 min

Lab File: VX005523.D

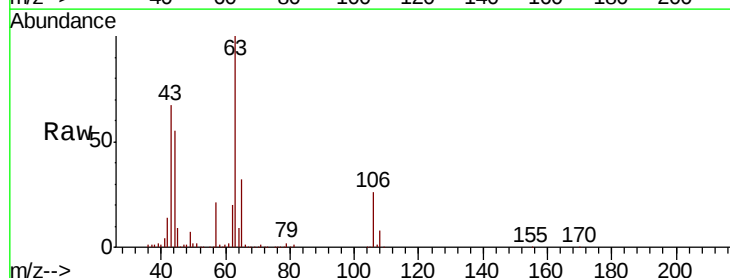
Acq: 23 Oct 2018 16:14

Tgt Ion: 63 Resp: 181278

Ion Ratio Lower Upper

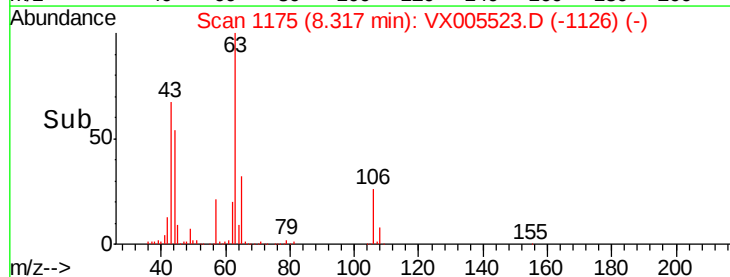
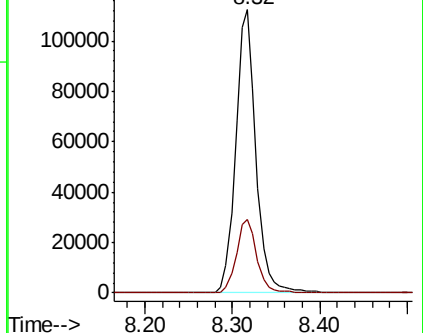
63 100

106 26.3 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

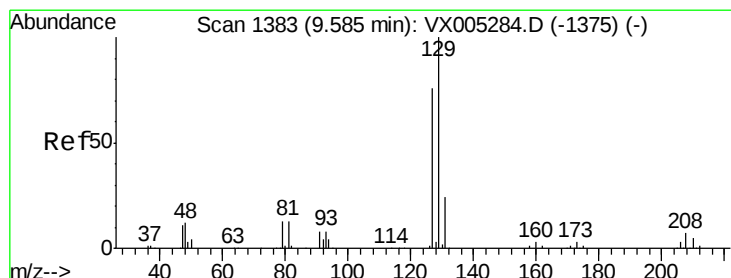
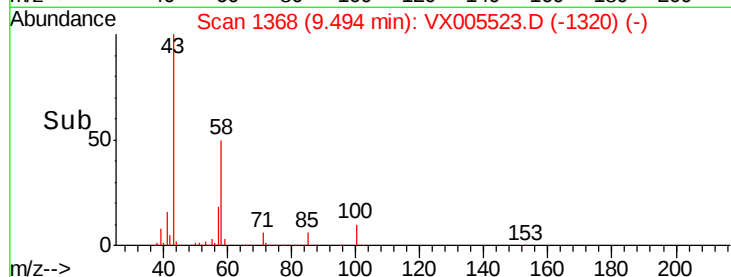
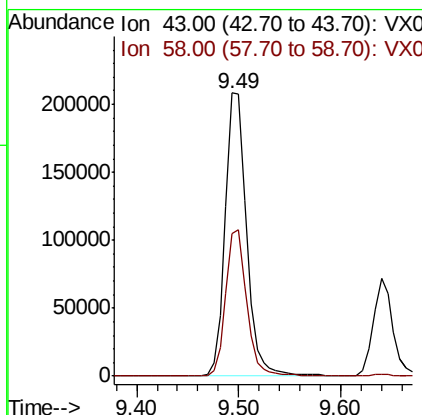
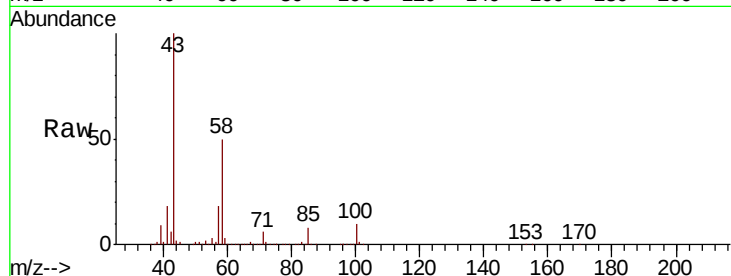




#59
2-Hexanone
Concen: 101.908 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX005523.D
Acq: 23 Oct 2018 16:14

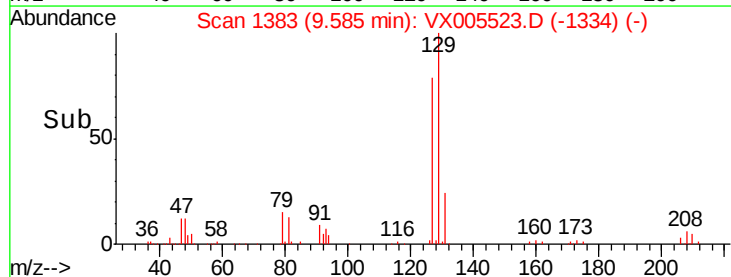
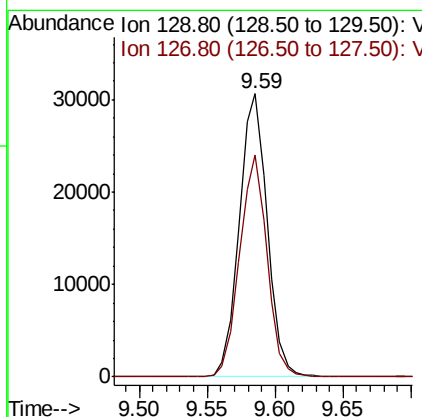
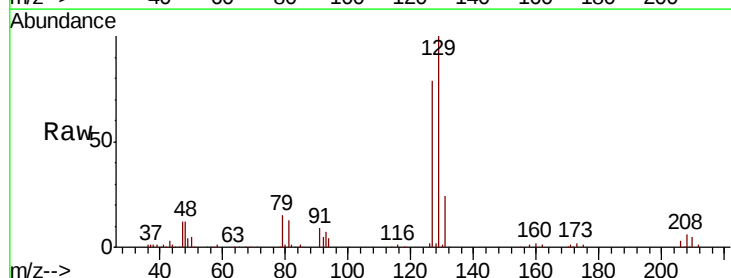
Instrument :
MSVOA_X
ClientSampleId :

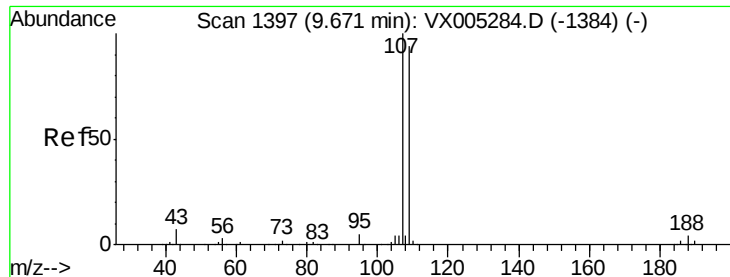
Tot Ion: 43 Resp: 304368
Ion Ratio Lower Upper
43 100
58 50.9 29.0 87.0



#60
Dibromochloromethane
Concen: 19.548 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005523.D
Acq: 23 Oct 2018 16:14

Tgt Ion:129 Resp: 43965
Ion Ratio Lower Upper
129 100
127 76.7 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.197 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX005523.D

Acq: 23 Oct 2018 16:14

Instrument :

MSVOA_X

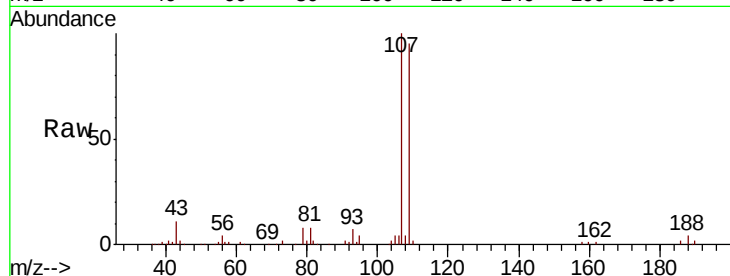
ClientSampleId :

Tot Ion:107 Resp: 43836

Ion Ratio Lower Upper

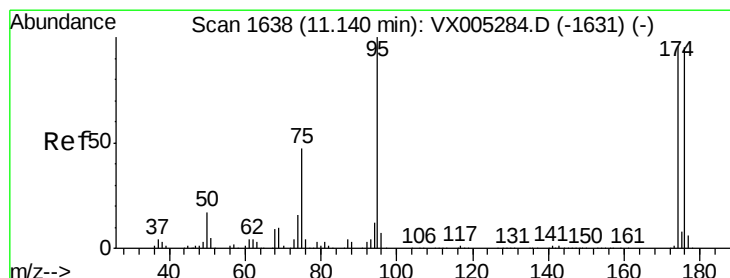
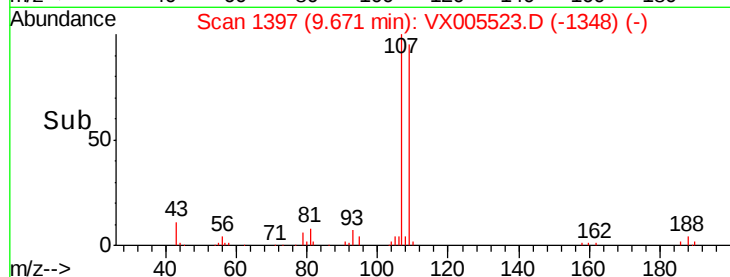
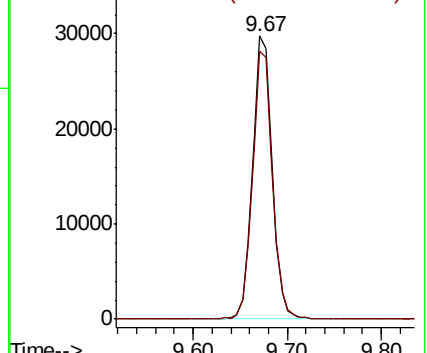
107 100

109 95.3 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.577 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005523.D

Acq: 23 Oct 2018 16:14

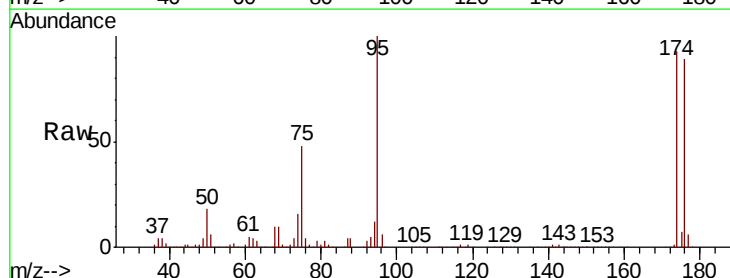
Tgt Ion: 95 Resp: 131347

Ion Ratio Lower Upper

95 100

174 91.7 0.0 185.2

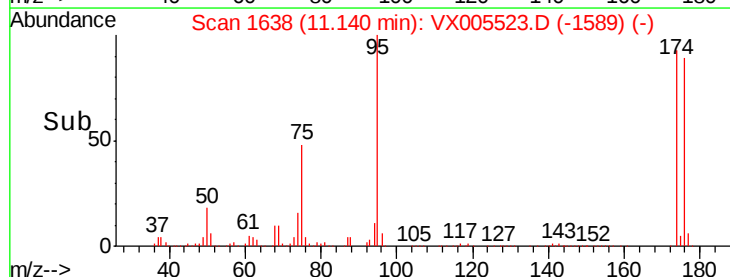
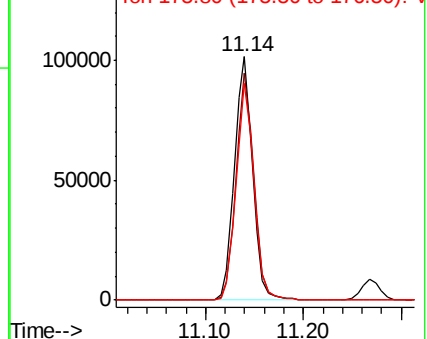
176 87.8 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

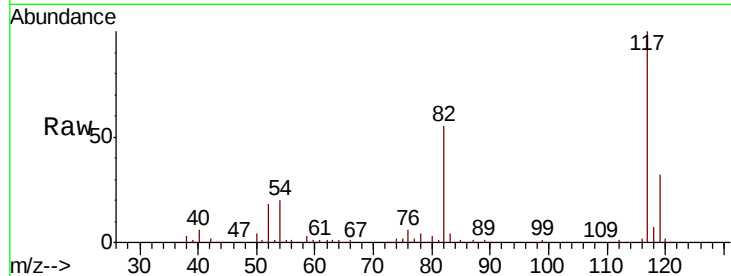




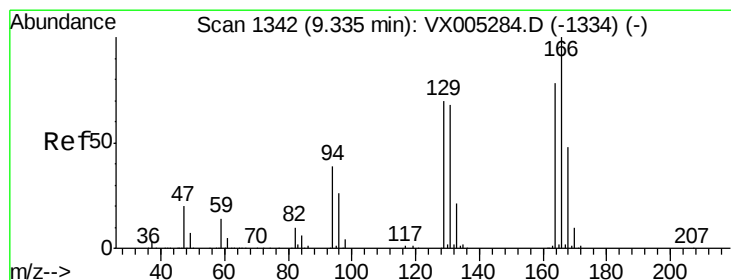
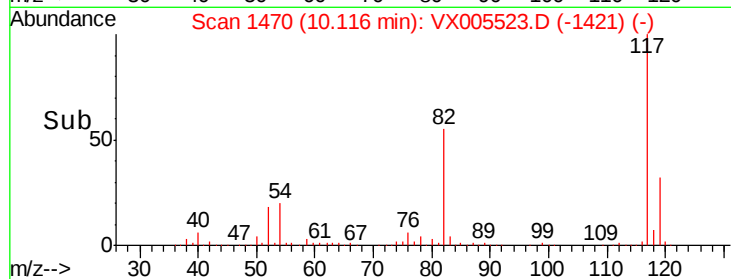
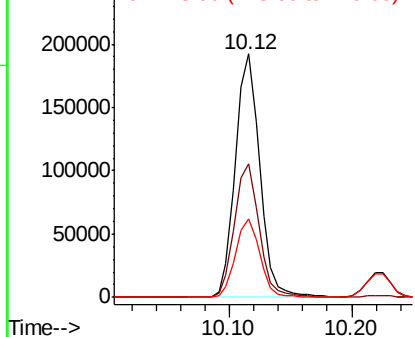
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005523.D
Acq: 23 Oct 2018 16:14

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 266024
Ion Ratio Lower Upper
117 100
82 54.7 47.8 71.6
119 32.4 29.3 43.9

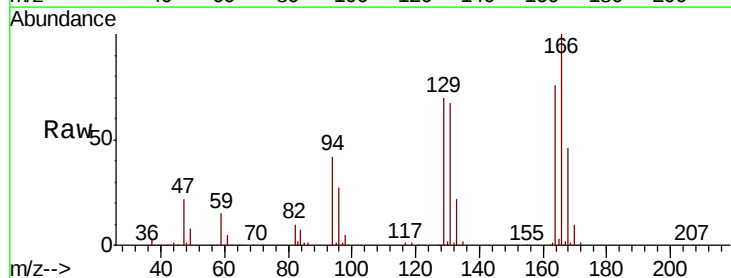


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

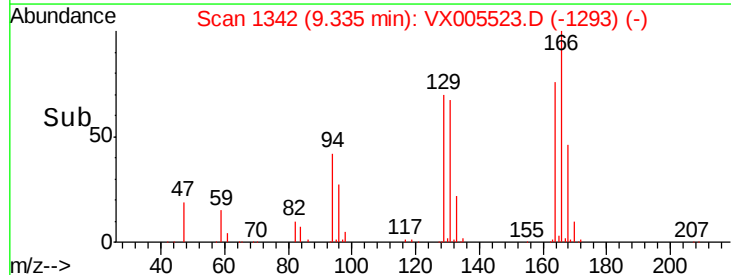
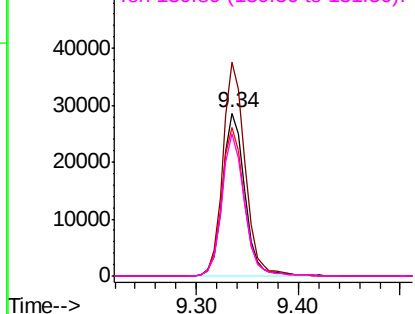


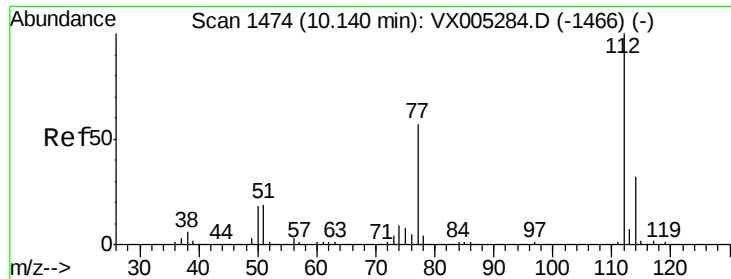
#64
Tetrachloroethene
Concen: 20.371 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005523.D
Acq: 23 Oct 2018 16:14

Tgt Ion:164 Resp: 43627
Ion Ratio Lower Upper
164 100
166 130.9 102.8 154.2
129 91.0 69.4 104.0
131 87.5 67.9 101.9



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

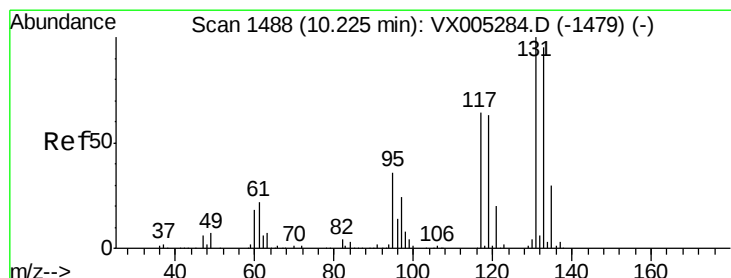
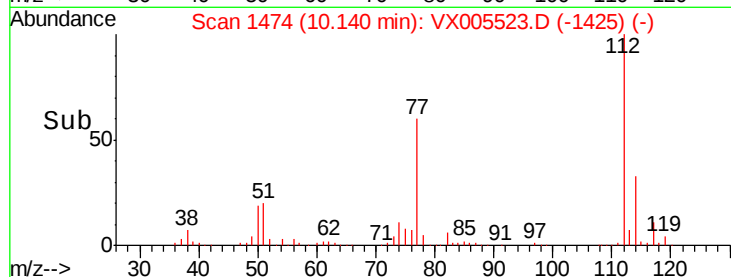
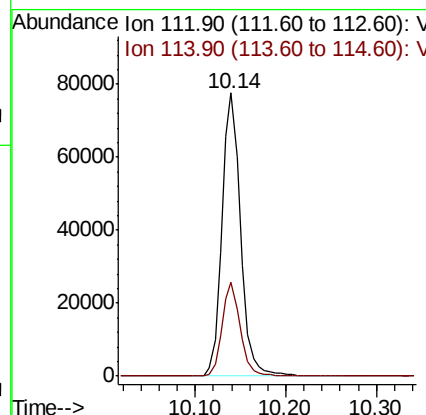
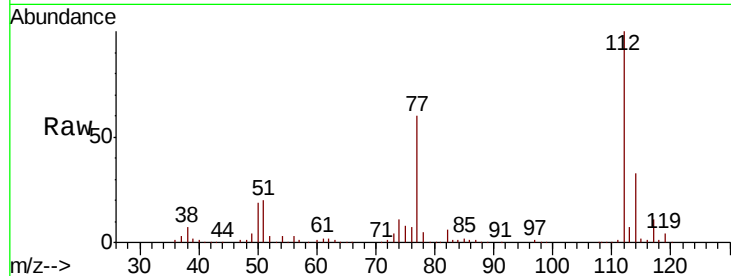




#65
Chlorobenzene
Concen: 19.713 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005523.D
Acq: 23 Oct 2018 16:14

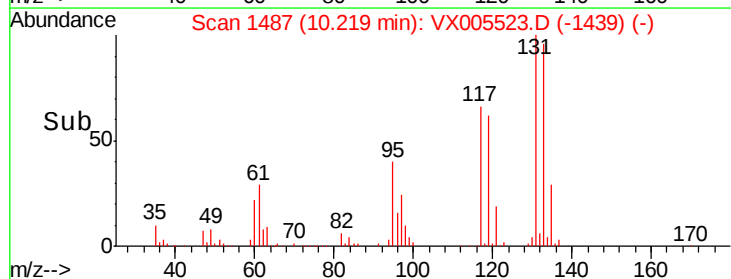
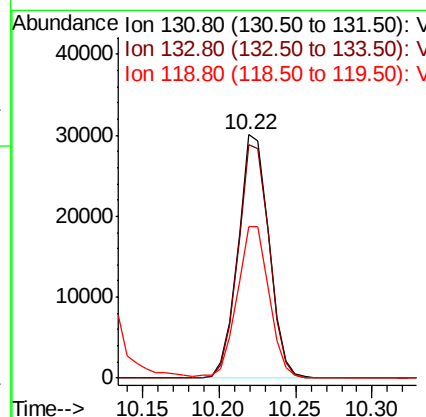
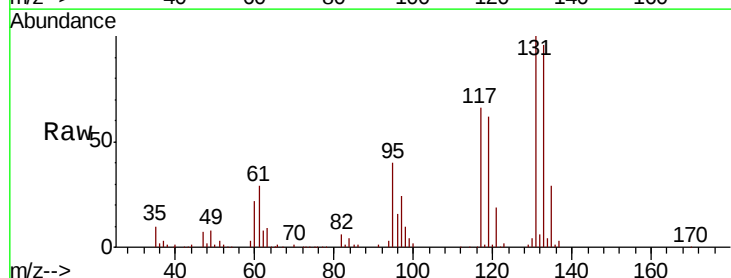
Instrument :
MSVOA_X
ClientSampled :

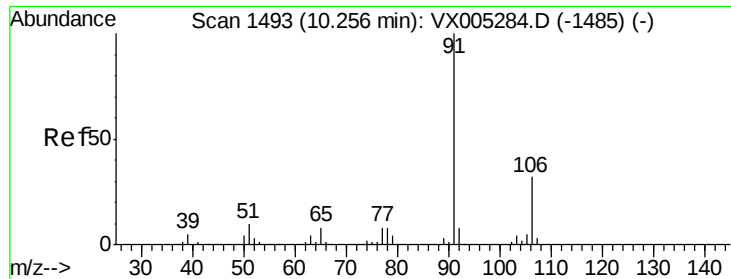
Tot Ion:112 Resp: 111548
Ion Ratio Lower Upper
112 100
114 33.3 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 20.865 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.01 min
Lab File: VX005523.D
Acq: 23 Oct 2018 16:14

Tgt Ion:131 Resp: 42074
Ion Ratio Lower Upper
131 100
133 96.6 48.1 144.4
119 64.9 32.9 98.6

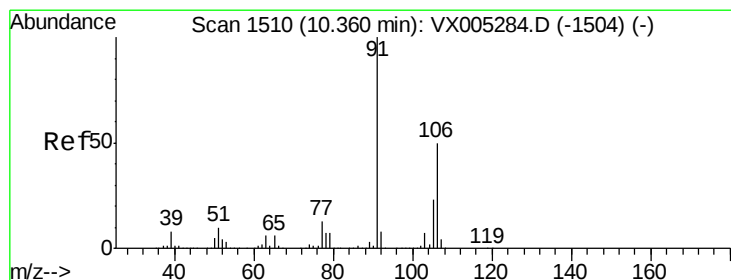
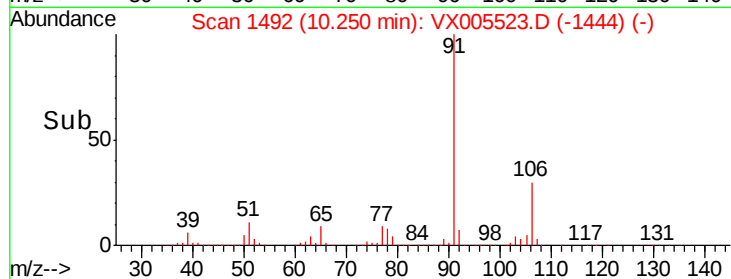
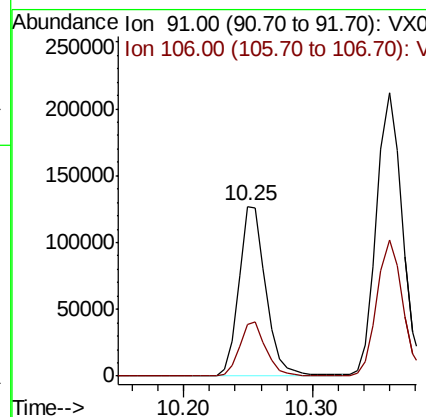
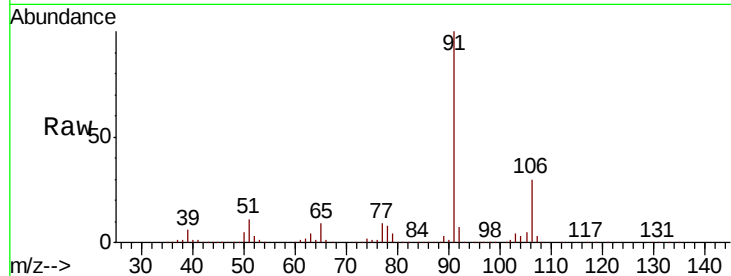




#67
Ethyl Benzene
Concen: 20.175 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VX005523.D
Acq: 23 Oct 2018 16:14

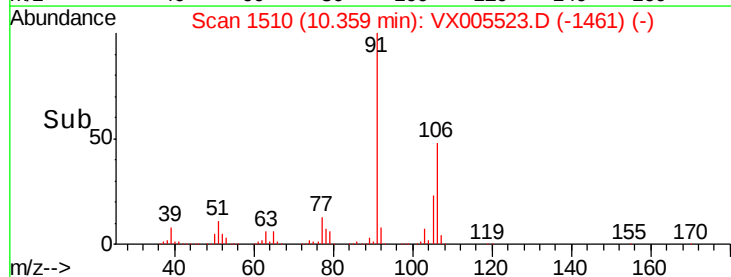
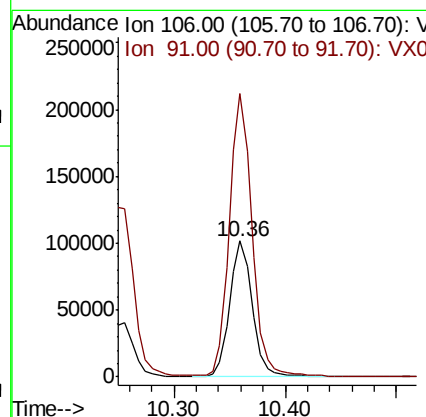
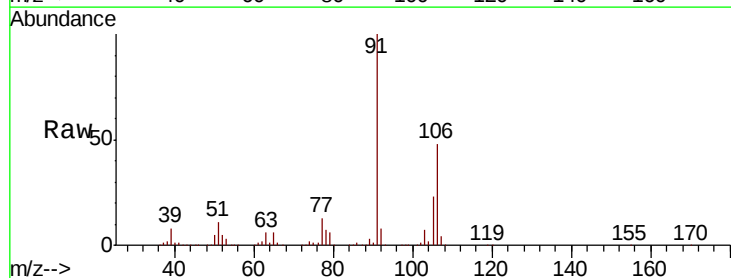
Instrument :
MSVOA_X
ClientSampled :

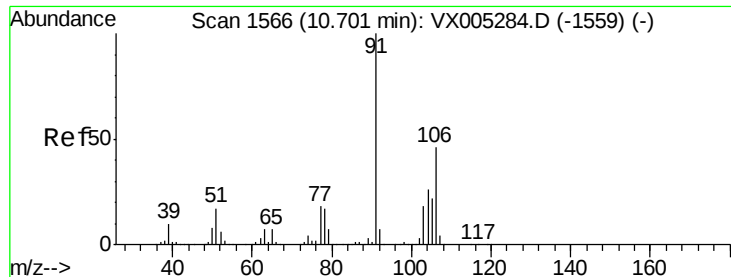
Tot Ion: 91 Resp: 185590
Ion Ratio Lower Upper
91 100
106 30.3 25.9 38.9



#68
m/p-Xylenes
Concen: 39.938 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX005523.D
Acq: 23 Oct 2018 16:14

Tgt Ion: 106 Resp: 142598
Ion Ratio Lower Upper
106 100
91 210.2 157.1 235.7

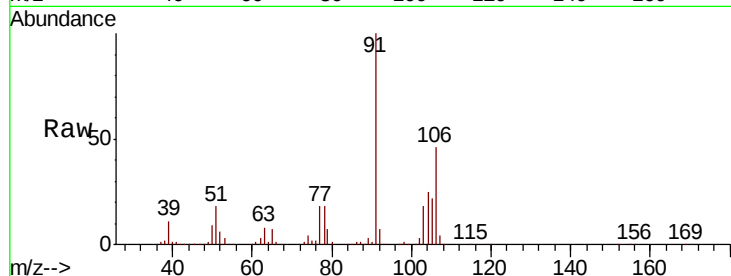




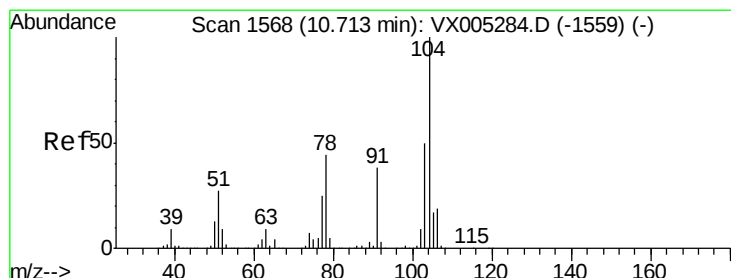
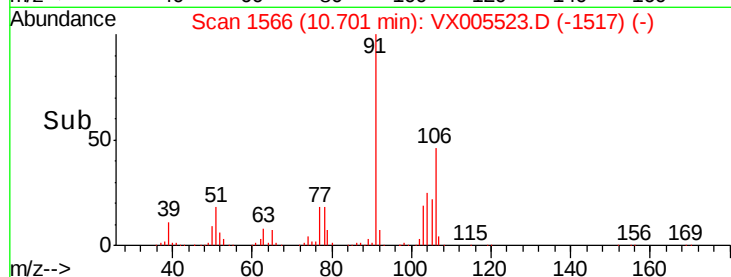
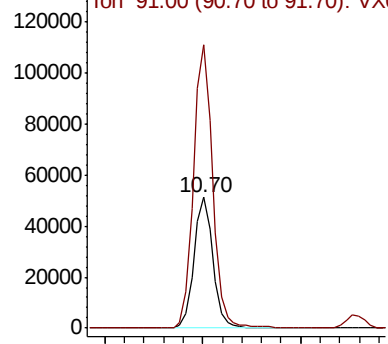
#69
o-Xylene
Concen: 20.152 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005523.D
Acq: 23 Oct 2018 16:14

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 69394
Ion Ratio Lower Upper
106 100
91 218.0 105.1 315.1

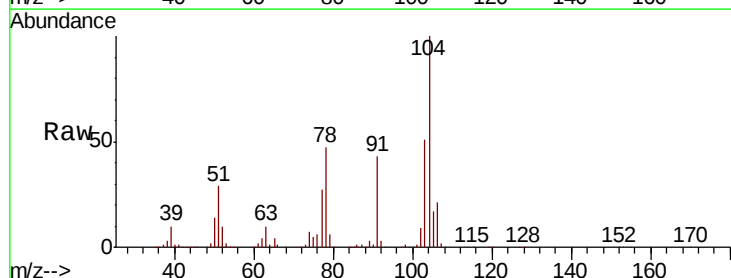


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

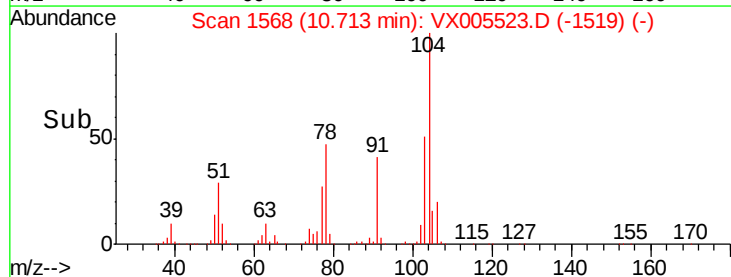
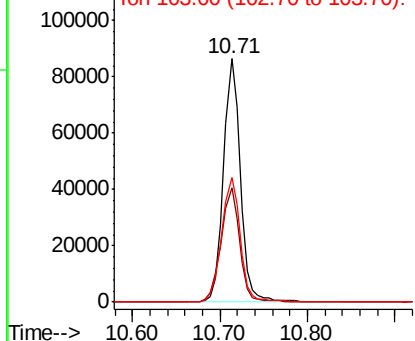


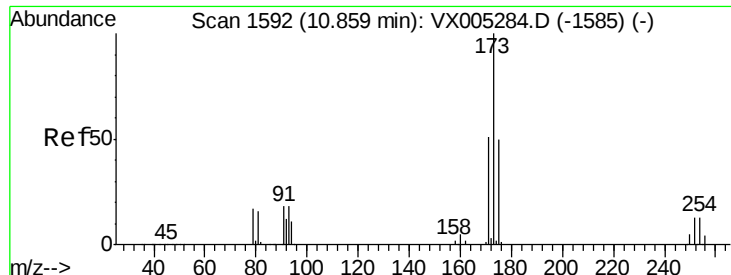
#70
Styrene
Concen: 20.359 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005523.D
Acq: 23 Oct 2018 16:14

Tgt Ion:104 Resp: 115314
Ion Ratio Lower Upper
104 100
78 51.8 37.4 56.0
103 56.7 43.8 65.6



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





#71

Bromoform

Concen: 19.579 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005523.D

Acq: 23 Oct 2018 16:14

Instrument :

MSVOA_X

ClientSampleId :

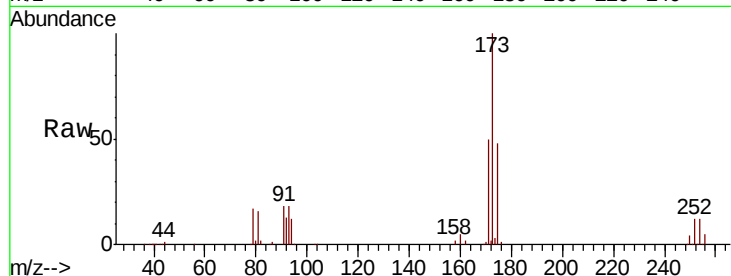
Tot Ion:173 Resp: 35282

Ion Ratio Lower Upper

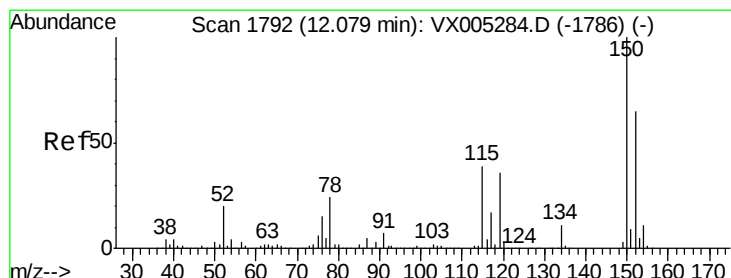
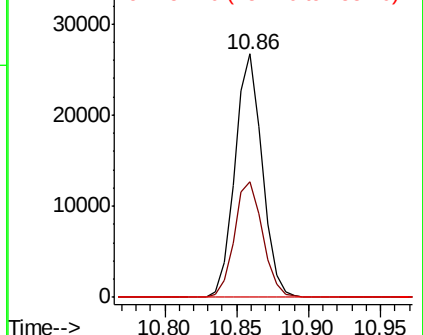
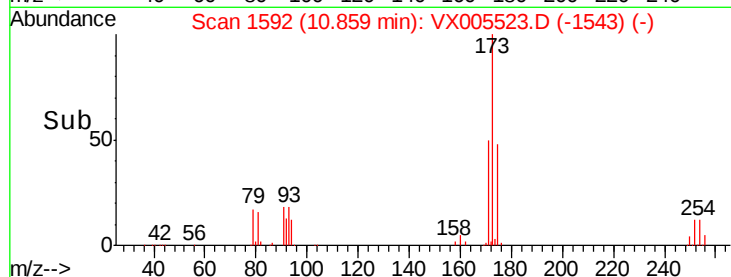
173 100

175 49.3 24.1 72.3

254 0.2 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: VX005523.D

Acq: 23 Oct 2018 16:14

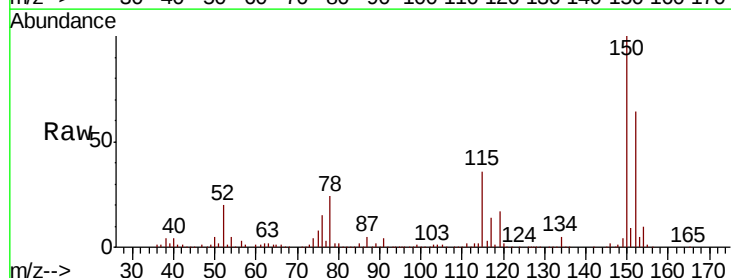
Tgt Ion:152 Resp: 147240

Ion Ratio Lower Upper

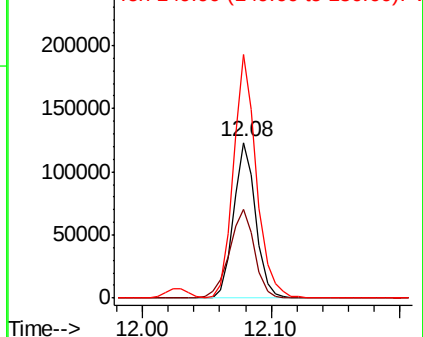
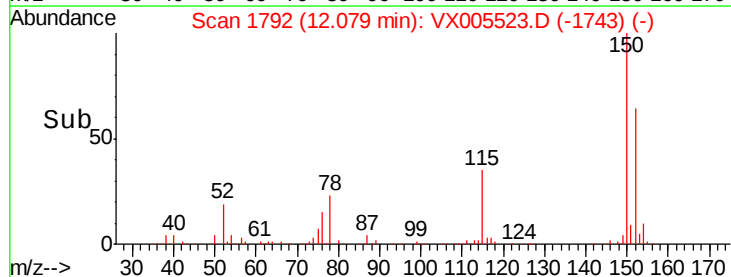
152 100

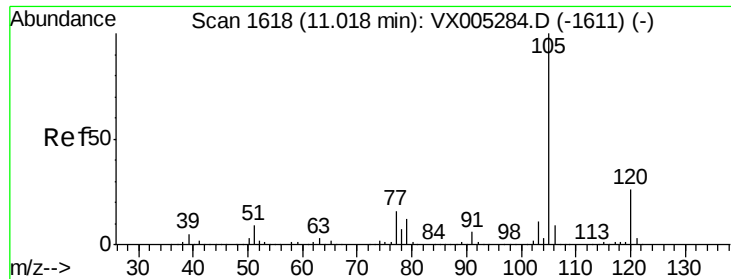
115 64.9 39.0 117.0

150 162.7 0.0 351.0



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





#73

Isopropylbenzene

Concen: 22.112 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005523.D

Acq: 23 Oct 2018 16:14

Instrument :

MSVOA_X

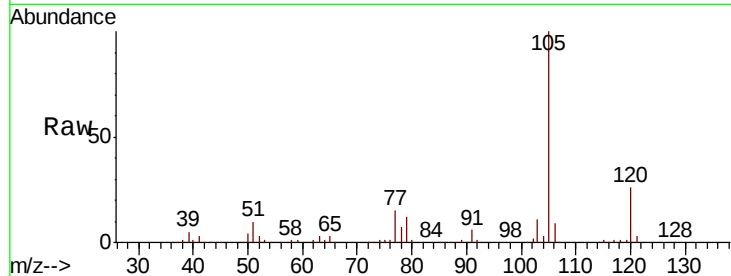
ClientSampleId :

Tot Ion: 105 Resp: 193548

Ion Ratio Lower Upper

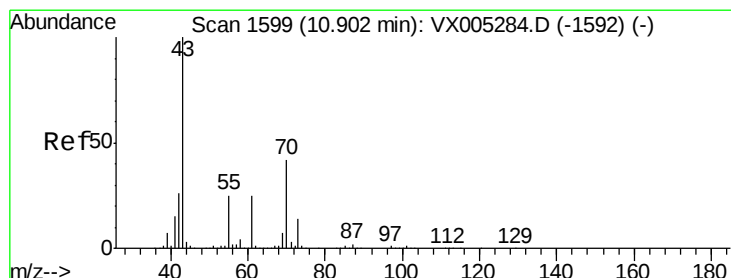
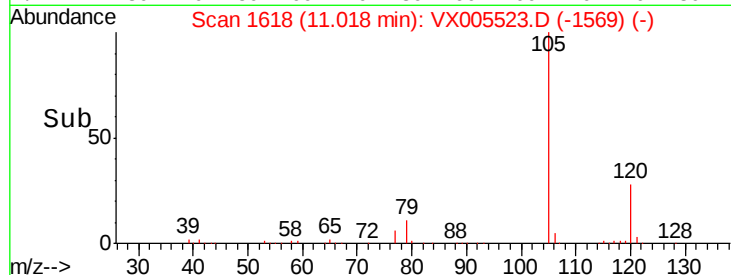
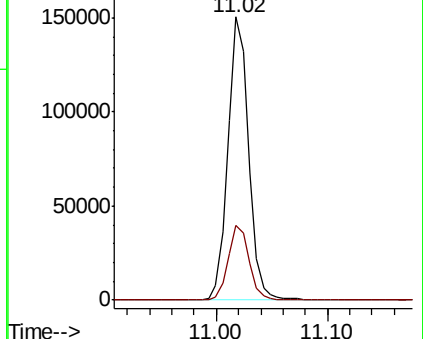
105 100

120 26.6 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 22.189 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.01 min

Lab File: VX005523.D

Acq: 23 Oct 2018 16:14

Tgt Ion: 43 Resp: 93675

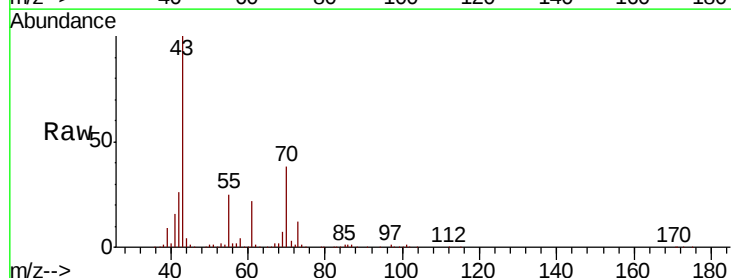
Ion Ratio Lower Upper

43 100

70 40.0 37.4 56.0

55 25.9 21.8 32.8

61 22.8 20.6 30.8

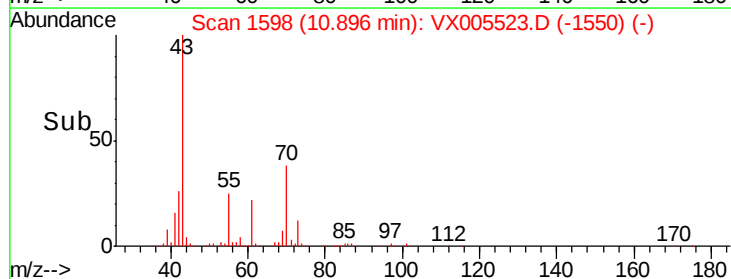
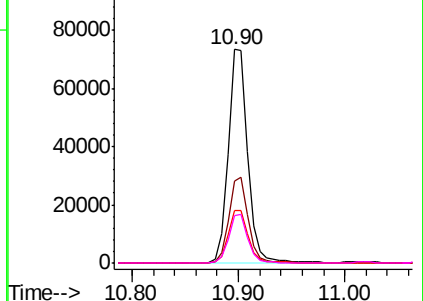


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.159 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005523.D

Acq: 23 Oct 2018 16:14

Instrument :

MSVOA_X

ClientSampleId :

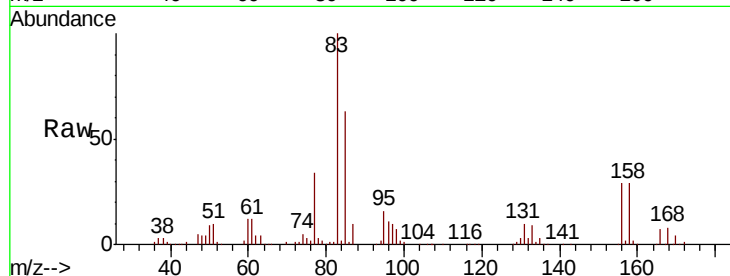
Tot Ion: 83 Resp: 69864

Ion Ratio Lower Upper

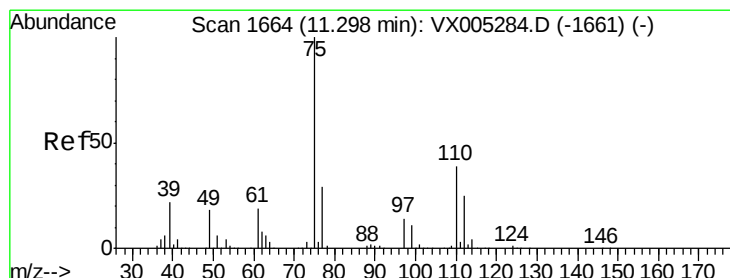
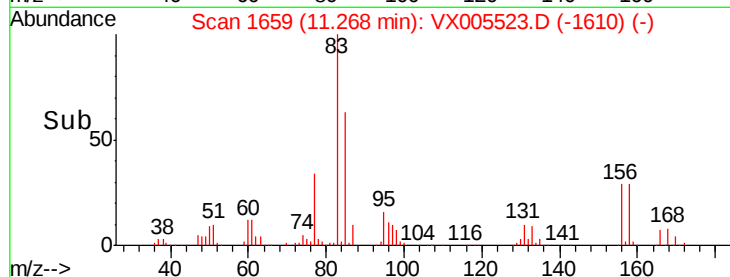
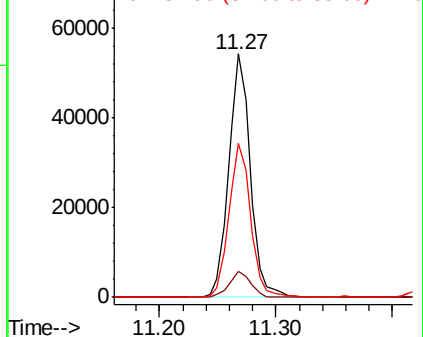
83 100

131 10.6 5.2 15.6

85 63.6 32.3 96.8



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



#76

1,2,3-Trichloropropane

Concen: 28.190 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX005523.D

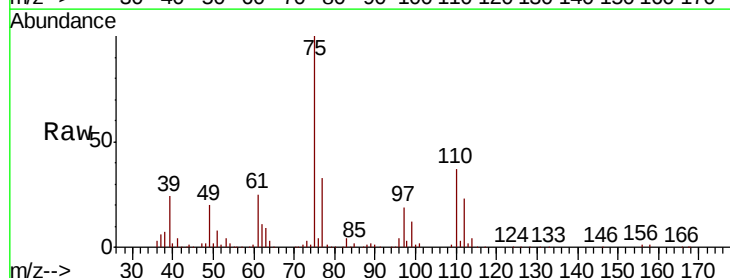
Acq: 23 Oct 2018 16:14

Tgt Ion: 75 Resp: 80511

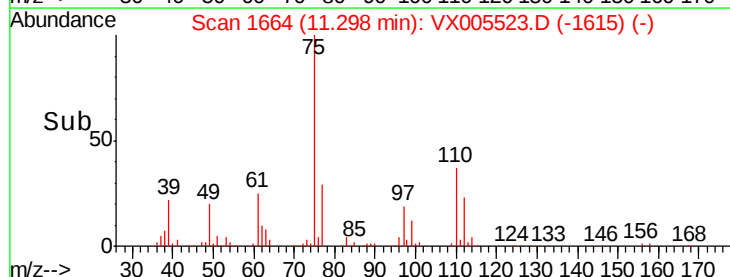
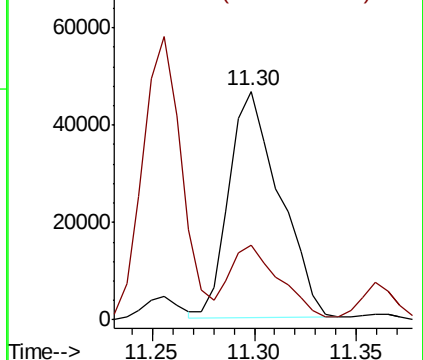
Ion Ratio Lower Upper

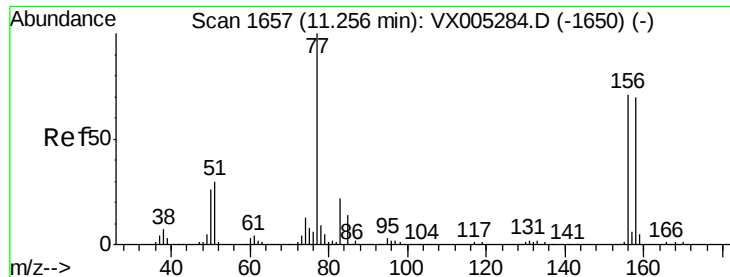
75 100

77 32.7 20.2 60.6



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





#77

Bromobenzene

Concen: 20.416 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005523.D

Acq: 23 Oct 2018 16:14

Instrument :

MSVOA_X

ClientSampleId :

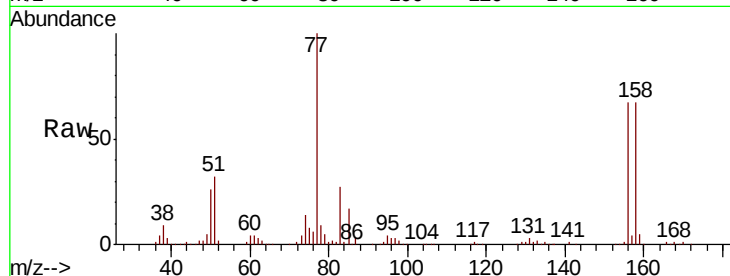
Tot Ion:156 Resp: 51095

Ion Ratio Lower Upper

156 100

77 152.2 71.5 214.3

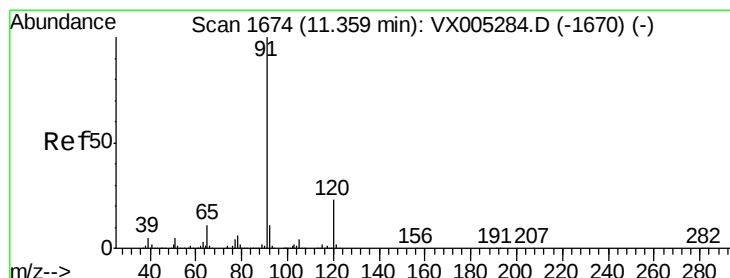
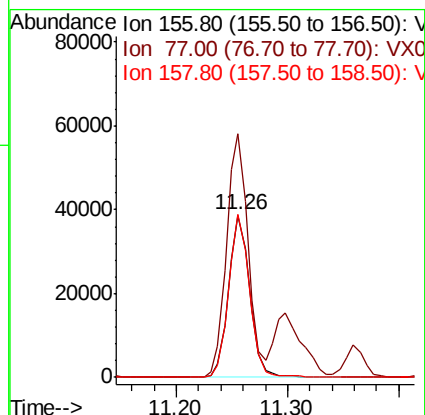
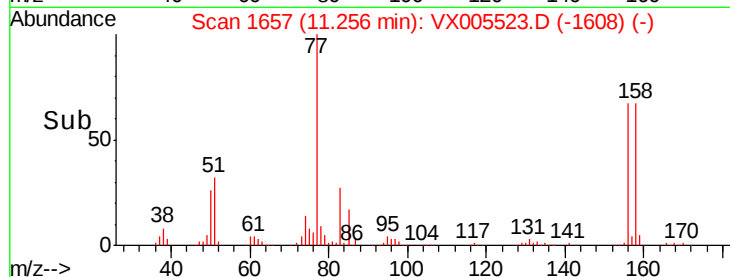
158 98.9 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.826 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005523.D

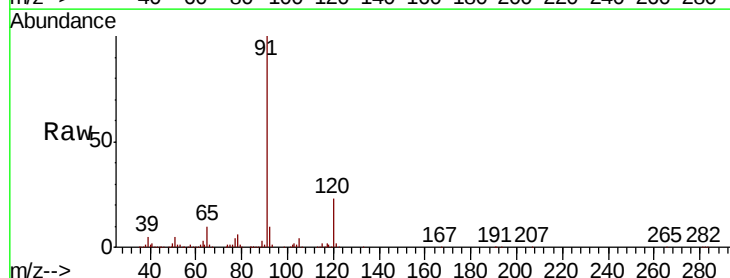
Acq: 23 Oct 2018 16:14

Tgt Ion: 91 Resp: 219840

Ion Ratio Lower Upper

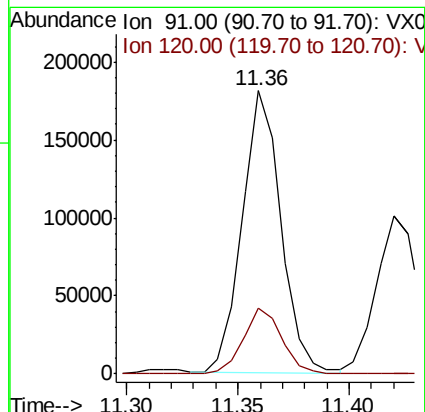
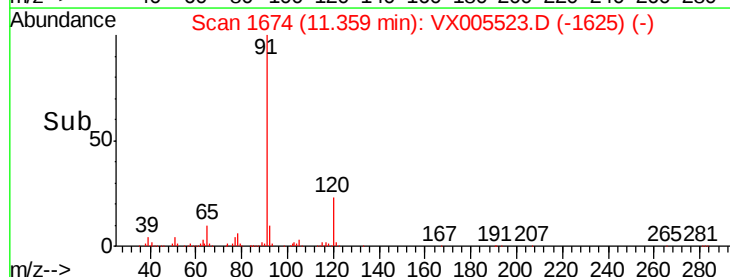
91 100

120 23.6 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

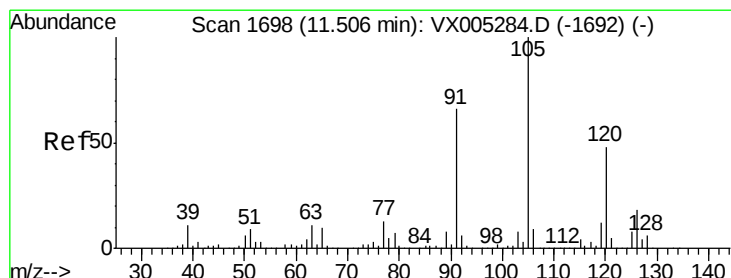
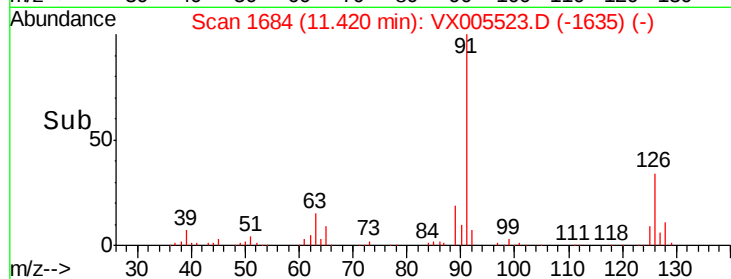
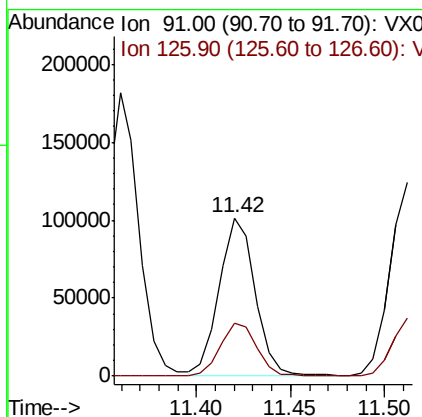
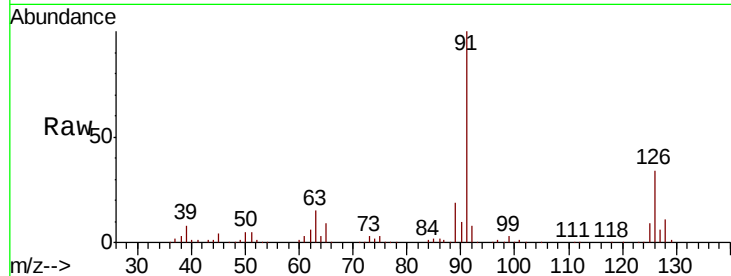




#79
 2-Chlorotoluene
 Concen: 21.490 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX005523.D
 Acq: 23 Oct 2018 16:14

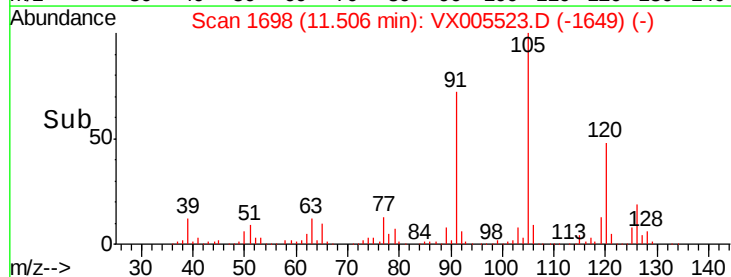
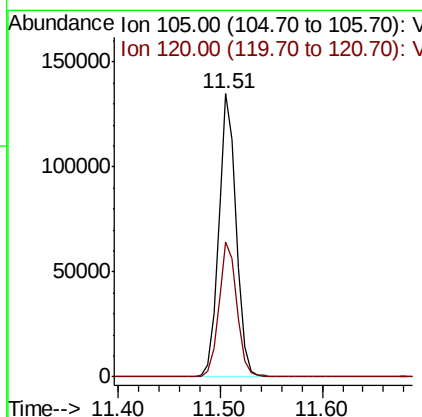
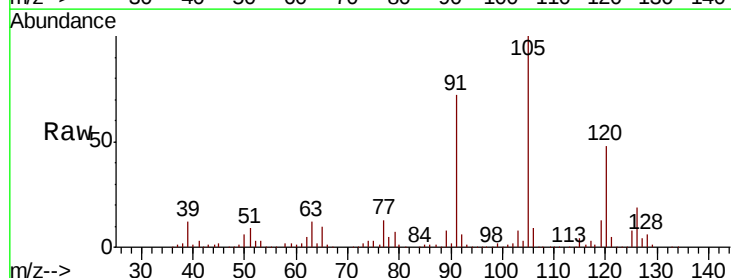
Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 91 Resp: 132567
 Ion Ratio Lower Upper
 91 100
 126 34.8 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 21.614 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX005523.D
 Acq: 23 Oct 2018 16:14

Tgt Ion: 105 Resp: 162009
 Ion Ratio Lower Upper
 105 100
 120 48.9 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 20.608 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX005523.D

Acq: 23 Oct 2018 16:14

Instrument :

MSVOA_X

ClientSampleId :

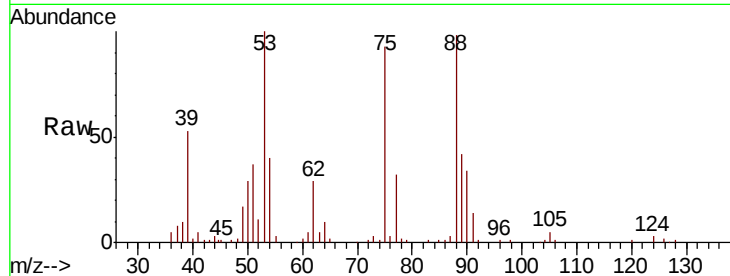
Tot Ion: 75 Resp: 19371

Ion Ratio Lower Upper

75 100

53 105.7 80.1 120.1

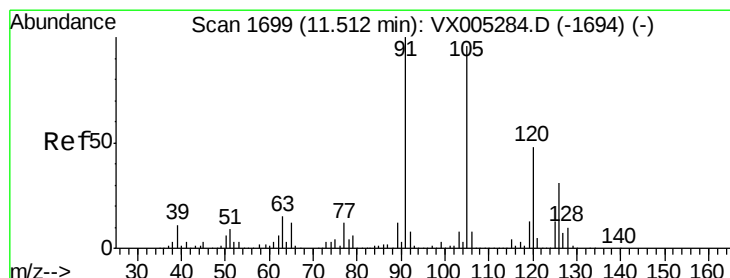
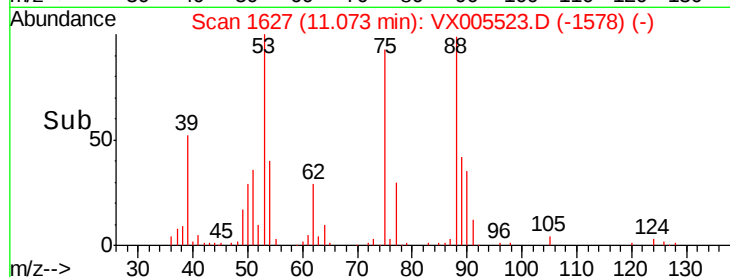
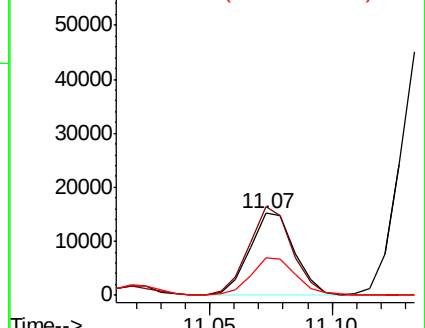
89 46.5 37.2 55.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 21.398 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005523.D

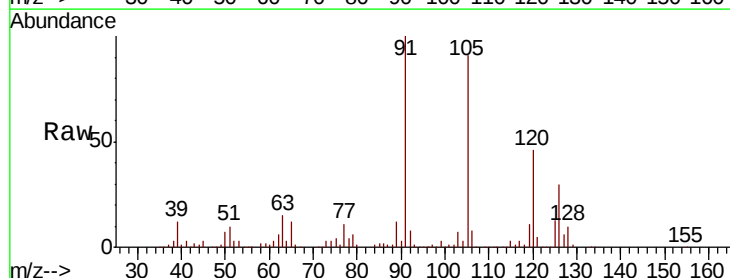
Acq: 23 Oct 2018 16:14

Tgt Ion: 91 Resp: 156474

Ion Ratio Lower Upper

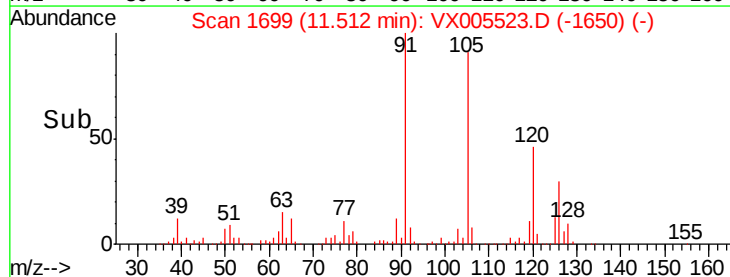
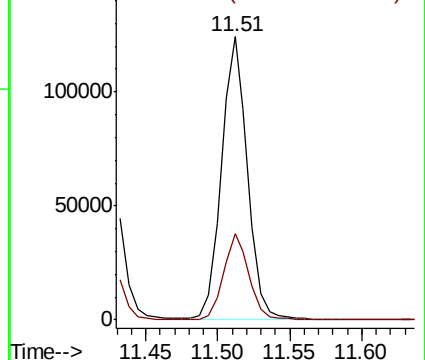
91 100

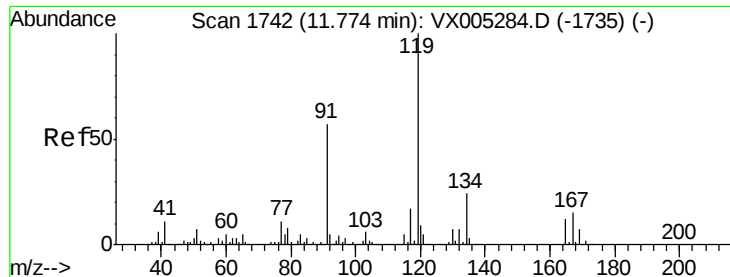
126 30.0 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 21.173 ug/l

RT: 11.77 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX005523.D

Acq: 23 Oct 2018 16:14

Instrument :

MSVOA_X

ClientSampleId :

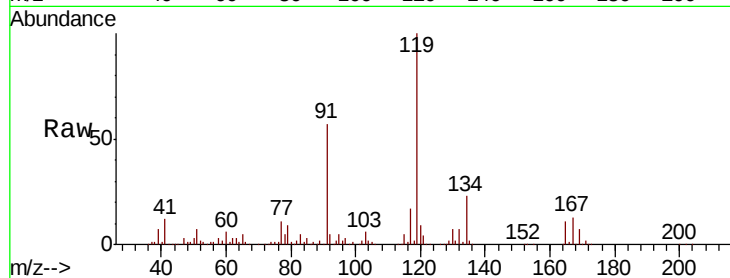
Tot Ion:119 Resp: 160712

Ion Ratio Lower Upper

119 100

91 57.8 27.0 81.0

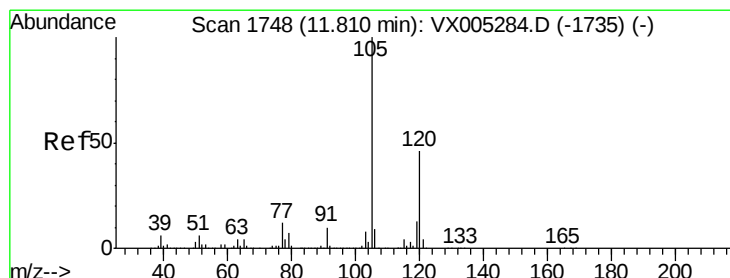
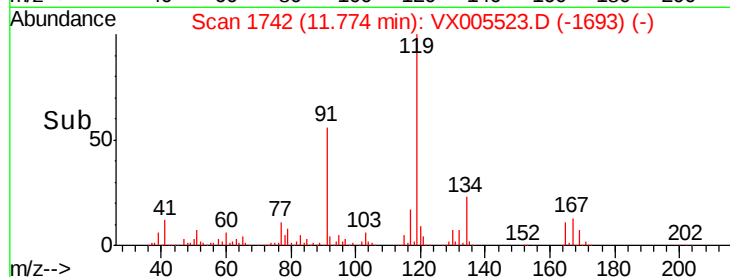
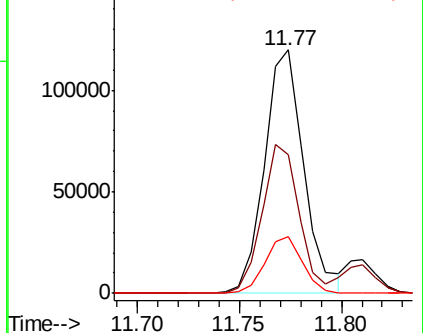
134 22.5 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 21.856 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. -0.00 min

Lab File: VX005523.D

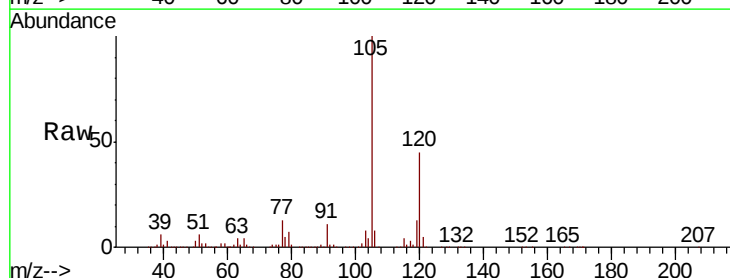
Acq: 23 Oct 2018 16:14

Tgt Ion:105 Resp: 168588

Ion Ratio Lower Upper

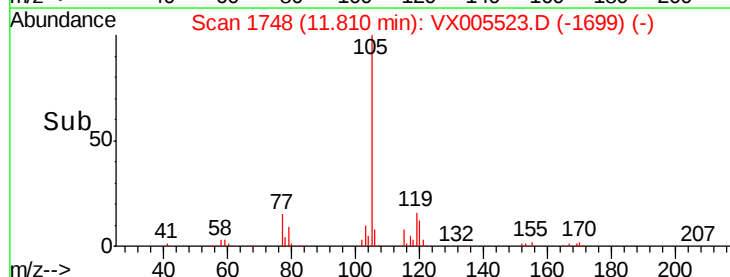
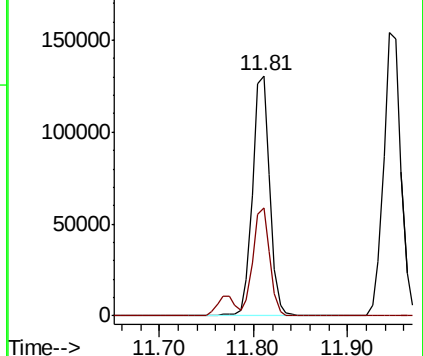
105 100

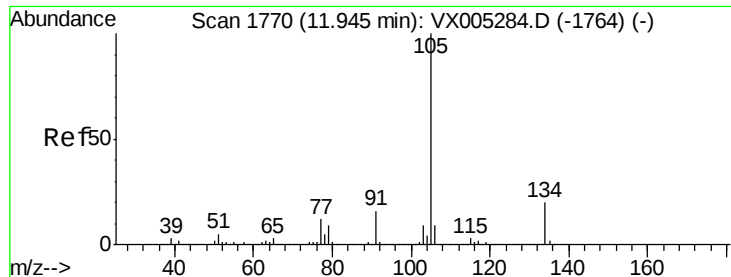
120 44.1 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 21.912 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX005523.D

Acq: 23 Oct 2018 16:14

Instrument :

MSVOA_X

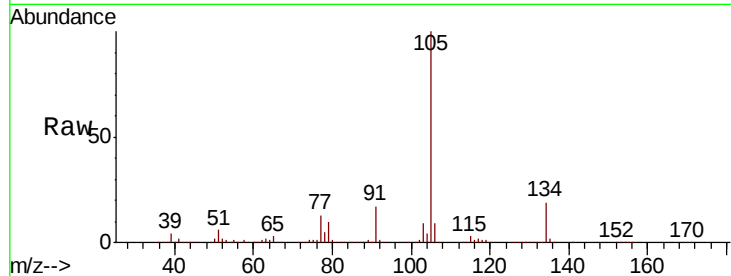
ClientSampleId :

Tot Ion:105 Resp: 196831

Ion Ratio Lower Upper

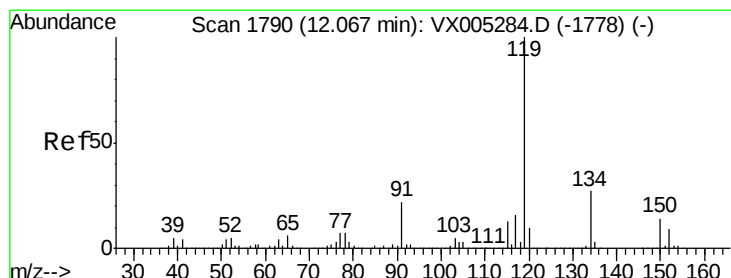
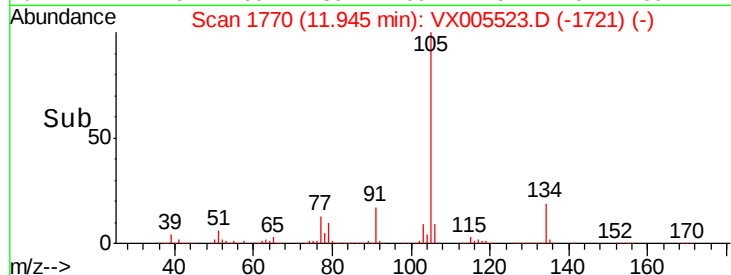
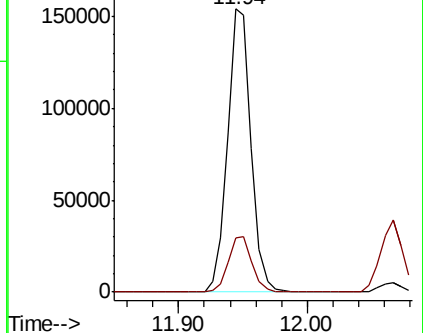
105 100

134 19.8 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.434 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005523.D

Acq: 23 Oct 2018 16:14

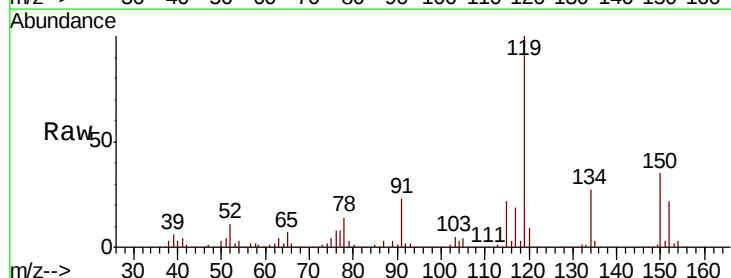
Tgt Ion:119 Resp: 174024

Ion Ratio Lower Upper

119 100

134 26.5 13.4 40.2

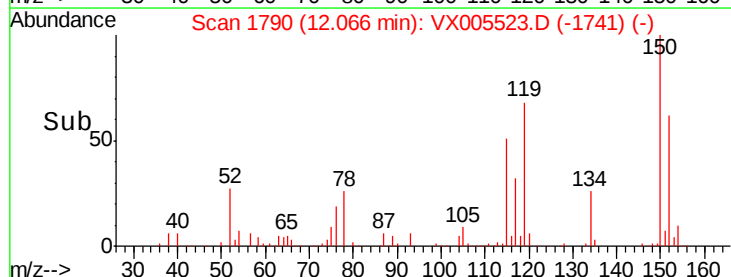
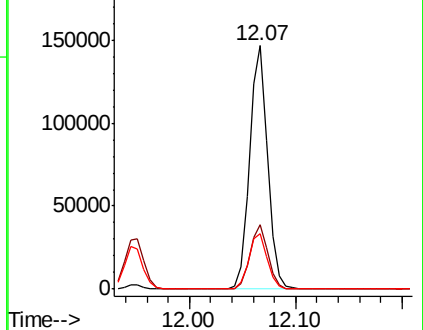
91 23.5 10.9 32.7

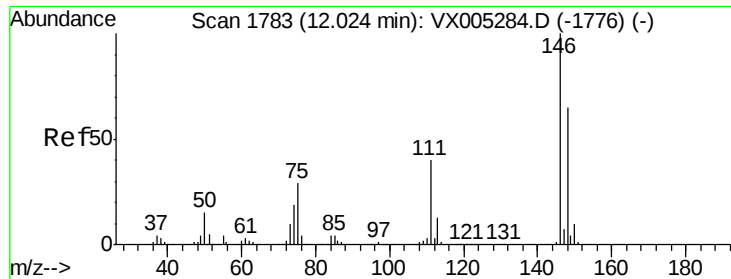


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 20.238 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX005523.D

Acq: 23 Oct 2018 16:14

Instrument :

MSVOA_X

ClientSampled :

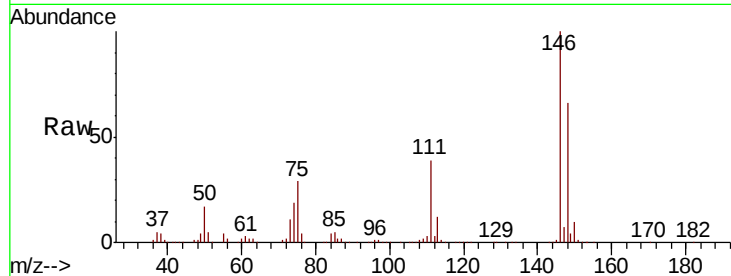
Tot Ion:146 Resp: 94645

Ion Ratio Lower Upper

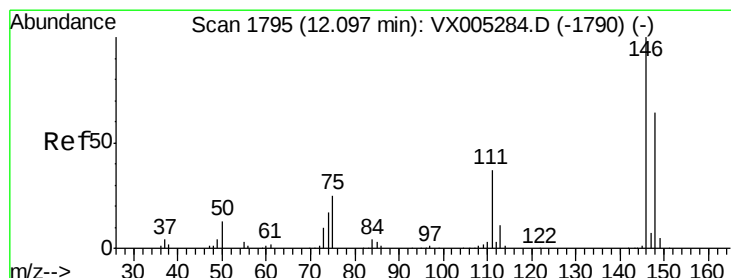
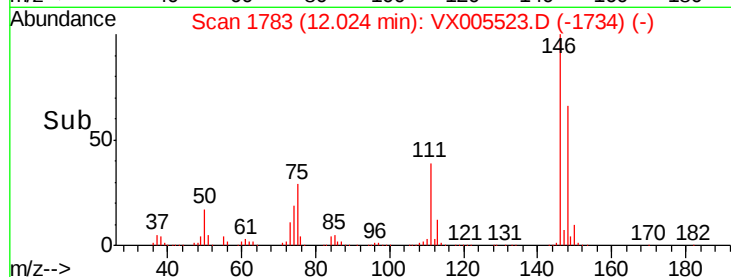
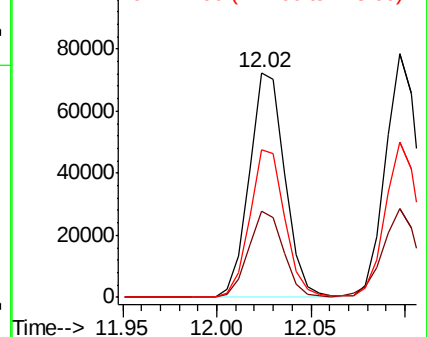
146 100

111 38.0 18.7 56.1

148 64.8 32.1 96.5



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



#88

1,4-Dichlorobenzene

Concen: 20.282 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX005523.D

Acq: 23 Oct 2018 16:14

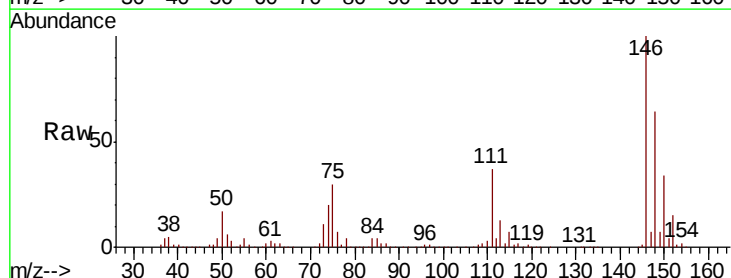
Tgt Ion:146 Resp: 97035

Ion Ratio Lower Upper

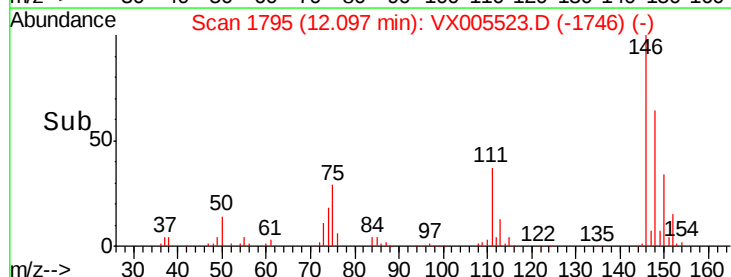
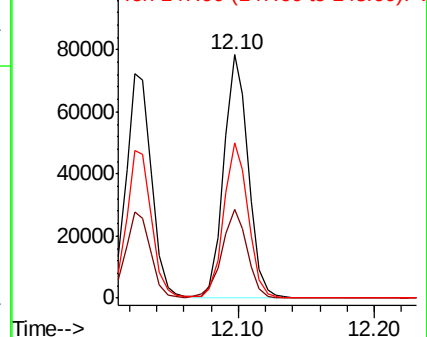
146 100

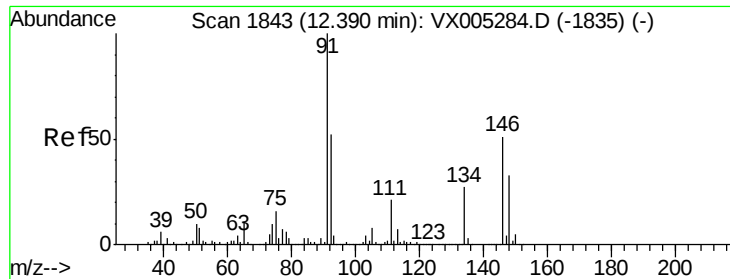
111 37.8 18.1 54.1

148 63.9 32.0 96.0



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

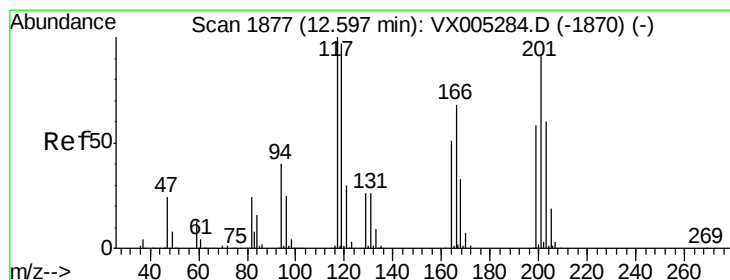
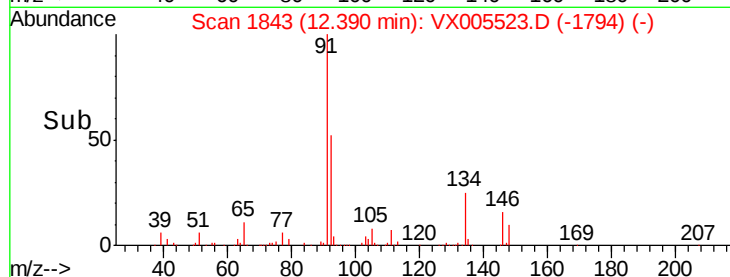
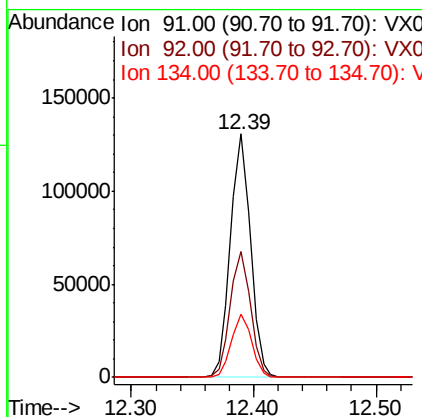
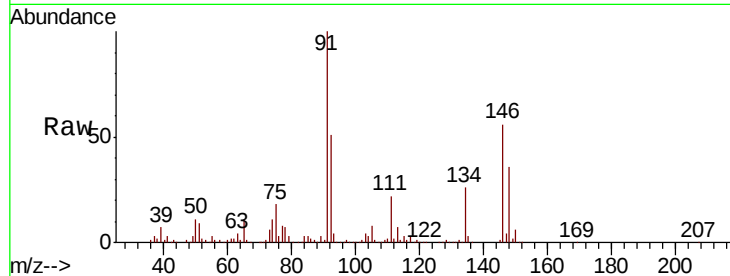




#89
n-Butylbenzene
Concen: 20.185 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005523.D
Acq: 23 Oct 2018 16:14

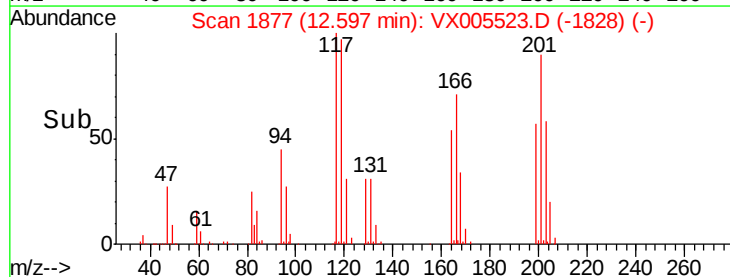
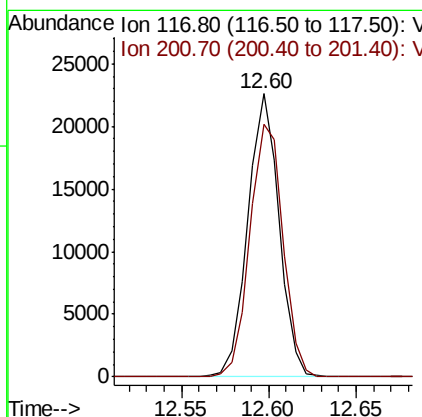
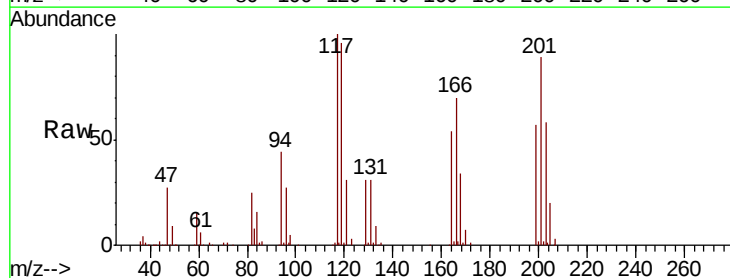
Instrument :
MSVOA_X
ClientSampleId :

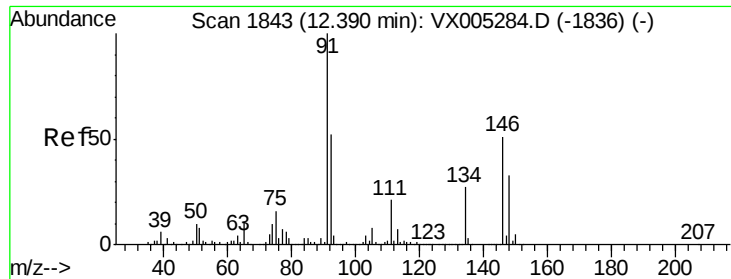
Tot Ion: 91 Resp: 148796
Ion Ratio Lower Upper
91 100
92 52.2 27.3 81.9
134 26.1 13.6 40.7



#90
Hexachloroethane
Concen: 20.070 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005523.D
Acq: 23 Oct 2018 16:14

Tgt Ion: 117 Resp: 28082
Ion Ratio Lower Upper
117 100
201 94.4 46.9 140.6





#91

1,2-Dichlorobenzene

Concen: 20.093 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX005523.D

Acq: 23 Oct 2018 16:14

Instrument :

MSVOA_X

ClientSampleId :

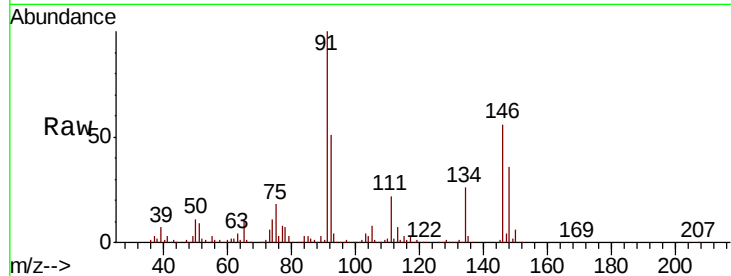
Tot Ion:146 Resp: 95891

Ion Ratio Lower Upper

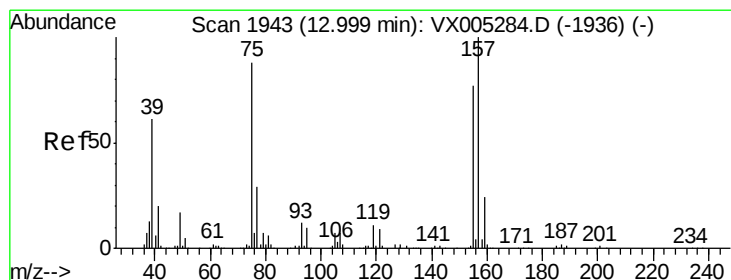
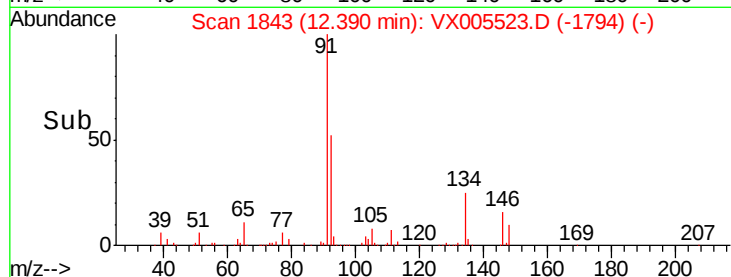
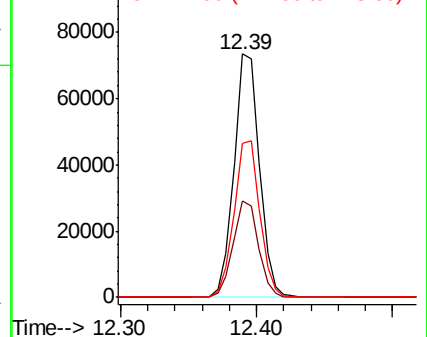
146 100

111 39.6 19.4 58.1

148 65.0 32.8 98.3



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.797 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX005523.D

Acq: 23 Oct 2018 16:14

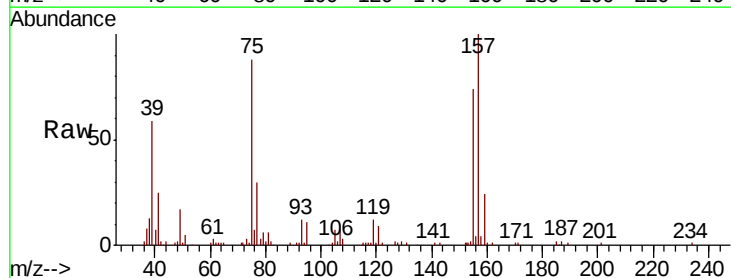
Tgt Ion: 75 Resp: 16750

Ion Ratio Lower Upper

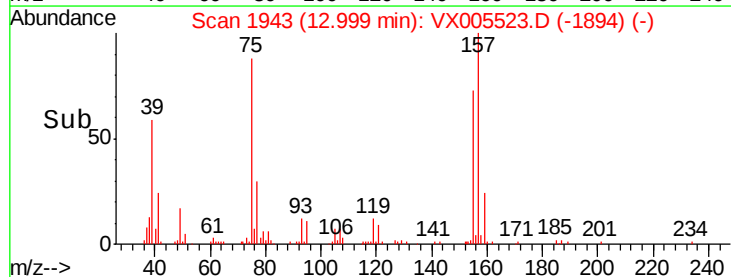
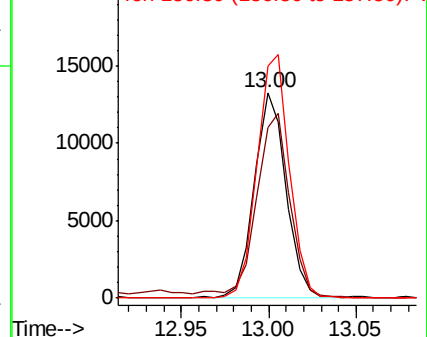
75 100

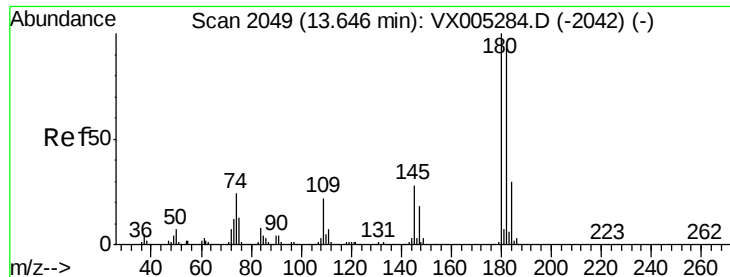
155 95.9 48.0 144.2

157 120.4 61.4 184.1



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 20.170 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX005523.D

Acq: 23 Oct 2018 16:14

Instrument :

MSVOA_X

ClientSampleId :

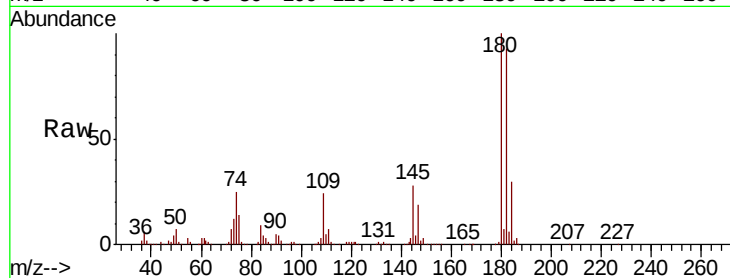
Tot Ion:180 Resp: 70621

Ion Ratio Lower Upper

180 100

182 94.7 48.4 145.0

145 28.1 14.3 42.9

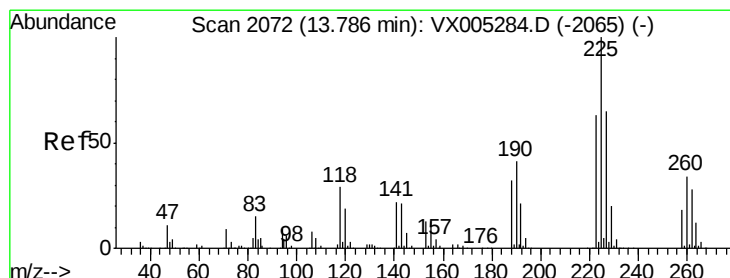
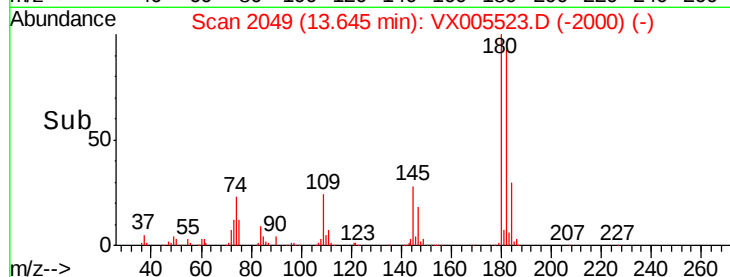
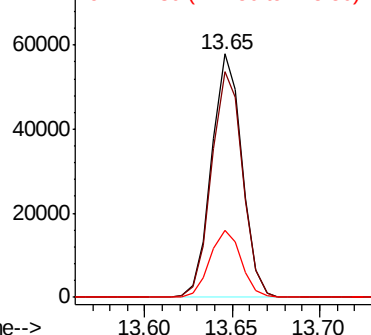


Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 19.276 ug/l

RT: 13.79 min Scan# 2072

Delta R.T. -0.00 min

Lab File: VX005523.D

Acq: 23 Oct 2018 16:14

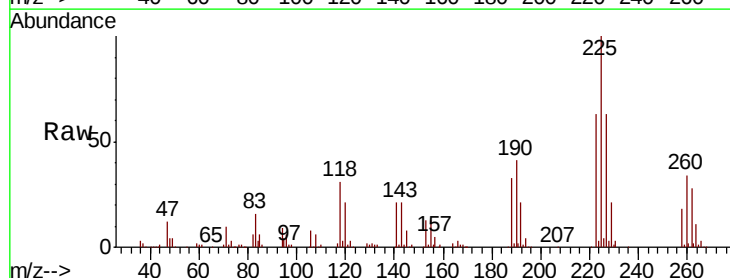
Tgt Ion:225 Resp: 35646

Ion Ratio Lower Upper

225 100

223 62.8 30.1 90.5

227 63.5 30.8 92.4

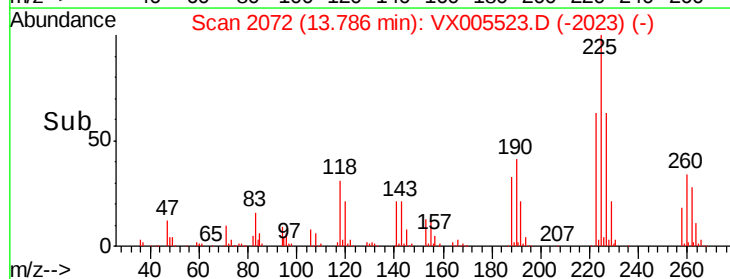
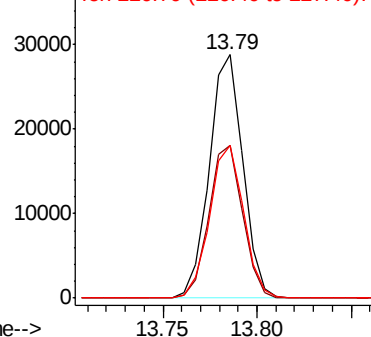


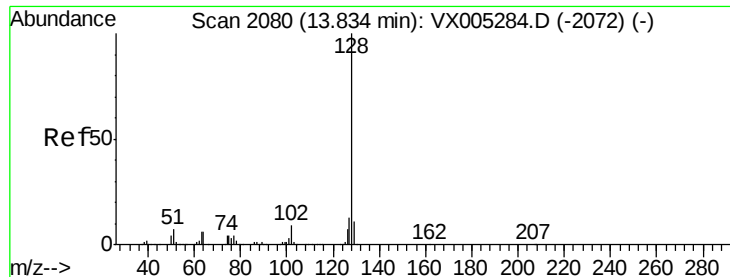
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 21.730 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX005523.D

Acq: 23 Oct 2018 16:14

Instrument :

MSVOA_X

ClientSampled :

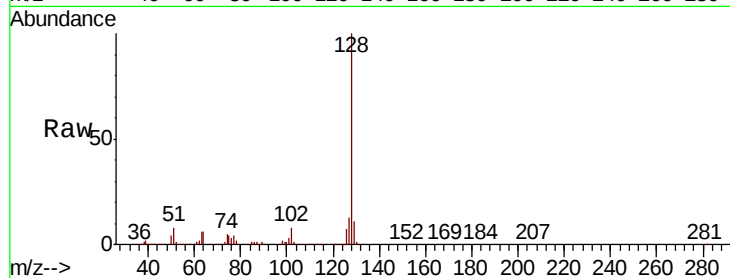
Tot Ion:128 Resp: 220649

Ion Ratio Lower Upper

128 100

127 13.4 10.2 15.2

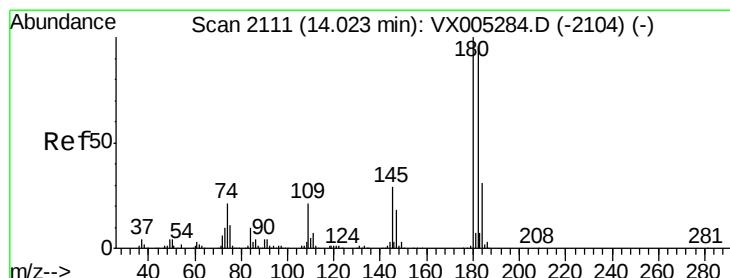
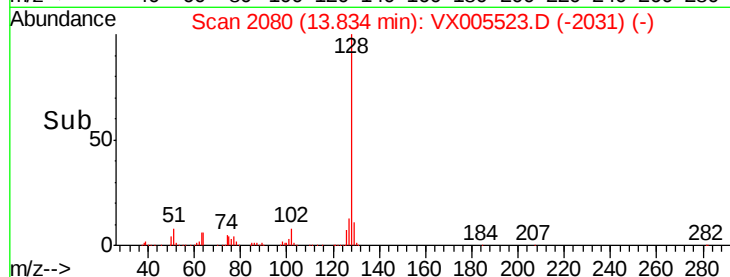
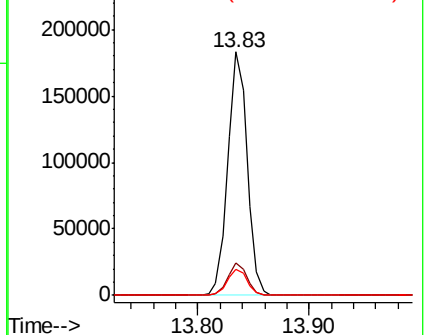
129 11.1 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.694 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX005523.D

Acq: 23 Oct 2018 16:14

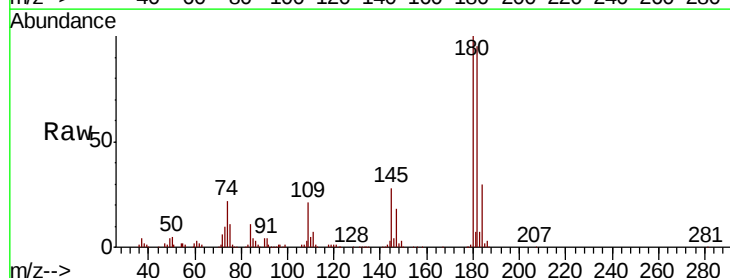
Tgt Ion:180 Resp: 74136

Ion Ratio Lower Upper

180 100

182 96.0 48.5 145.6

145 29.8 14.9 44.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

