

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101218\
 Data File : VX005324.D
 Acq On : 13 Oct 2018 05:50
 Operator : JC/MD
 Sample : J5429-05MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 15 00:52:58 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	232234	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	354056	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	327896	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	185682	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	138327	53.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.34%	
35) Dibromofluoromethane	5.50	113	113775	48.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.04%	
50) Toluene-d8	8.71	98	421202	52.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.64%	
62) 4-Bromofluorobenzene	11.14	95	156606	51.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	103046	56.750	ug/l	98
3) Chloromethane	1.32	50	139158	52.891	ug/l	98
4) Vinyl Chloride	1.41	62	144230	54.114	ug/l	97
5) Bromomethane	1.64	94	85555	56.756	ug/l	88
6) Chloroethane	1.71	64	89760	57.895	ug/l	98
7) Trichlorofluoromethane	1.92	101	194376	54.650	ug/l	95
8) Diethyl Ether	2.19	74	85690	56.418	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.39	101	107466	52.349	ug/l	96
10) Methyl Iodide	2.51	142	142590	62.682	ug/l	99
11) Tert butyl alcohol	3.08	59	192949	265.384	ug/l	100
12) 1,1-Dichloroethene	2.37	96	109802	53.984	ug/l	87
13) Acrolein	2.29	56	111545	240.341	ug/l	95
14) Allyl chloride	2.73	41	236240	52.902	ug/l	96
15) Acrylonitrile	3.15	53	444125	269.565	ug/l	98
16) Acetone	2.45	43	403601	270.829	ug/l	97
17) Carbon Disulfide	2.57	76	332740	54.002	ug/l	98
18) Methyl Acetate	2.78	43	299798	70.712	ug/l	95
19) Methyl tert-butyl Ether	3.20	73	413915	57.781	ug/l	98
20) Methylene Chloride	2.85	84	132627	61.377	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	119997	53.235	ug/l	96
22) Diisopropyl ether	3.87	45	397845	53.041	ug/l	97
23) Vinyl Acetate	3.82	43	1502586	229.199	ug/l #	92
24) 1,1-Dichloroethane	3.70	63	237398	55.225	ug/l	99
25) 2-Butanone	4.70	43	590381	270.767	ug/l	96
26) 2,2-Dichloropropane	4.59	77	111565	34.702	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	139142	56.799	ug/l	97
28) Bromochloromethane	5.01	49	111464	56.879	ug/l	95
29) Tetrahydrofuran	5.15	42	372496	267.825	ug/l	96
30) Chloroform	5.21	83	223153	55.928	ug/l	86
31) Cyclohexane	5.57	56	176752	49.887	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	186189	53.629	ug/l	99
36) 1,1-Dichloropropene	5.80	75	158181	46.130	ug/l	99
37) Ethyl Acetate	4.85	43	173976	39.452	ug/l	98
38) Carbon Tetrachloride	5.78	117	162462	47.153	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101218\
 Data File : VX005324.D
 Acq On : 13 Oct 2018 05:50
 Operator : JC/MD
 Sample : J5429-05MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 15 00:52:58 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	160845	43.341	ug/l	95
40) Benzene	6.15	78	492674	47.896	ug/l	98
41) Methacrylonitrile	5.06	41	122238	51.705	ug/l	96
42) 1,2-Dichloroethane	6.20	62	183063	50.401	ug/l	96
43) Isopropyl Acetate	6.46	43	279288	47.544	ug/l	97
44) Trichloroethene	7.21	130	126193	48.022	ug/l	98
45) 1,2-Dichloropropane	7.52	63	127989	50.724	ug/l	98
46) Dibromomethane	7.66	93	85222	51.174	ug/l	98
47) Bromodichloromethane	7.90	83	162486	52.748	ug/l	99
48) Methyl methacrylate	7.77	41	161165	52.899	ug/l	95
49) 1,4-Dioxane	7.76	88	64158	913.005	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	1091008	268.231	ug/l	95
52) Toluene	8.79	92	300192	53.343	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	170176	51.048	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	178933	49.537	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	125669	52.723	ug/l	98
56) Ethyl methacrylate	9.18	69	198369	57.088	ug/l	96
57) 1,3-Dichloropropane	9.37	76	211426	53.144	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.27	63	1677	0.861	ug/l #	45
59) 2-Hexanone	9.50	43	870796	266.148	ug/l	94
60) Dibromochloromethane	9.59	129	134783	54.705	ug/l	100
61) 1,2-Dibromoethane	9.67	107	131118	52.416	ug/l	99
64) Tetrachloroethene	9.34	164	117730	44.599	ug/l	100
65) Chlorobenzene	10.14	112	341414	48.950	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.23	131	128258	51.602	ug/l	98
67) Ethyl Benzene	10.26	91	573293	50.561	ug/l	98
68) m/p-Xylenes	10.36	106	447361	101.651	ug/l	95
69) o-Xylene	10.70	106	217255	51.186	ug/l	97
70) Styrene	10.71	104	369034	52.861	ug/l	97
71) Bromoform	10.86	173	115328	51.923	ug/l	99
73) Isopropylbenzene	11.02	105	581470	52.678	ug/l	99
74) N-amyl acetate	10.90	43	235654	44.263	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.27	83	214649	51.549	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	234332	65.061	ug/l	88
77) Bromobenzene	11.26	156	164825	52.224	ug/l	98
78) n-propylbenzene	11.36	91	656321	51.670	ug/l	100
79) 2-Chlorotoluene	11.42	91	400403	51.471	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	498112	52.696	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.08	75	52122	43.971	ug/l	99
82) 4-Chlorotoluene	11.51	91	475366	51.549	ug/l	100
83) tert-Butylbenzene	11.77	119	507645	53.034	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	516943	53.142	ug/l	98
85) sec-Butylbenzene	11.94	105	586211	51.750	ug/l	99
86) p-Isopropyltoluene	12.07	119	531515	51.913	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	297754	50.487	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	302448	50.130	ug/l	99
89) n-Butylbenzene	12.39	91	452957	48.725	ug/l	98
90) Hexachloroethane	12.60	117	89331	50.626	ug/l	92
91) 1,2-Dichlorobenzene	12.40	146	306754	50.970	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	51674	50.875	ug/l	98

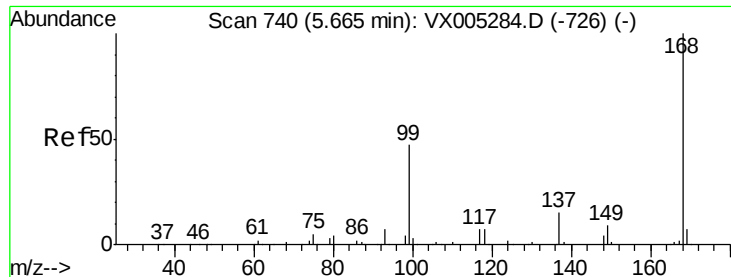
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX101218\
Data File : VX005324.D
Acq On : 13 Oct 2018 05:50
Operator : JC/MD
Sample : J5429-05MSD
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Oct 15 00:52:58 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	227083	51.429	ug/l	99
94) Hexachlorobutadiene	13.79	225	107682	46.175	ug/l	97
95) Naphthalene	13.83	128	726530	56.736	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	236770	52.407	ug/l	98

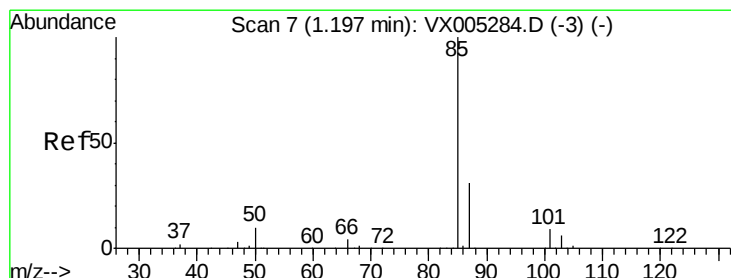
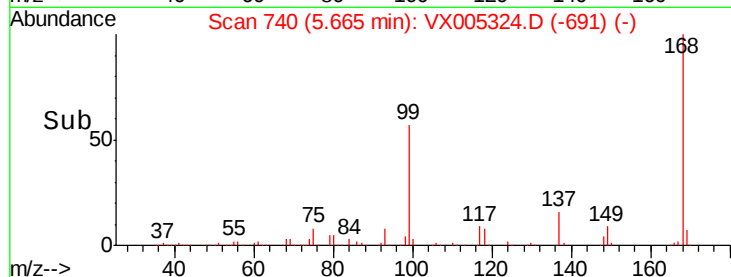
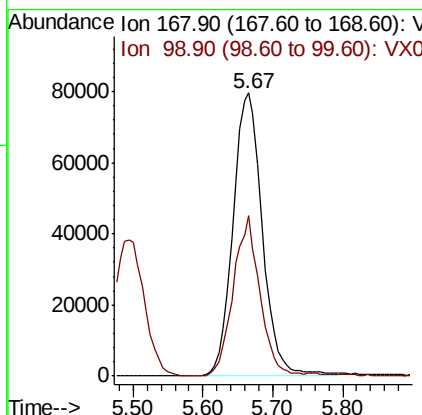
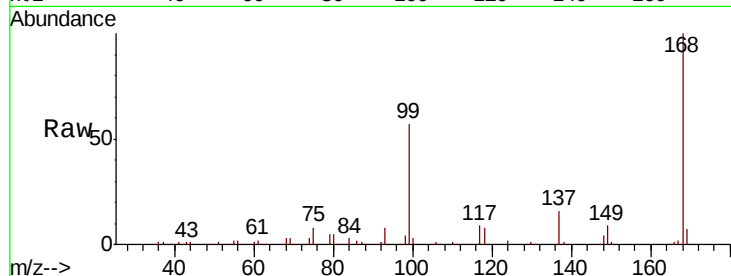
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.00 min
Lab File: VX005324.D
Acq: 13 Oct 2018 05:50

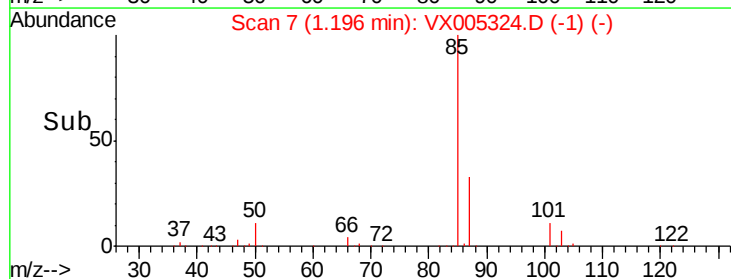
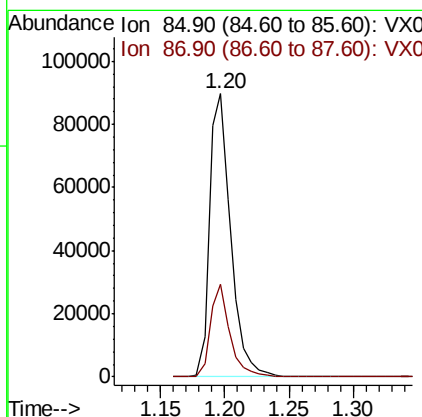
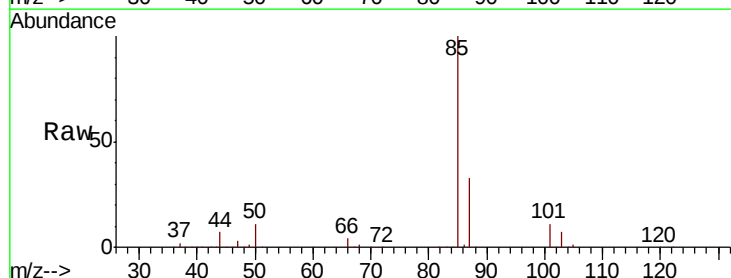
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 232234
Ion Ratio Lower Upper
168 100
99 56.7 39.9 59.9



#2
Dichlorodifluoromethane
Concen: 56.750 ug/l
RT: 1.20 min Scan# 7
Delta R.T. -0.00 min
Lab File: VX005324.D
Acq: 13 Oct 2018 05:50

Tgt Ion: 85 Resp: 103046
Ion Ratio Lower Upper
85 100
87 32.8 17.0 50.9





#3

Chloromethane

Concen: 52.891 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005324.D

Acq: 13 Oct 2018 05:50

Instrument :

MSVOA_X

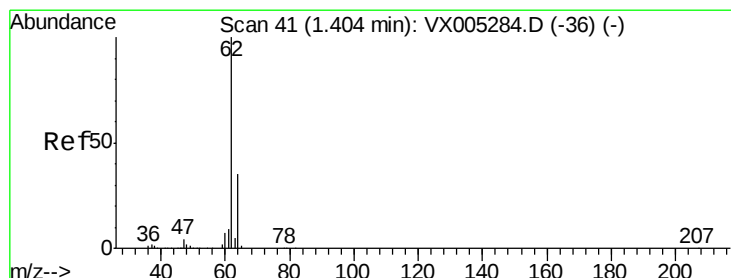
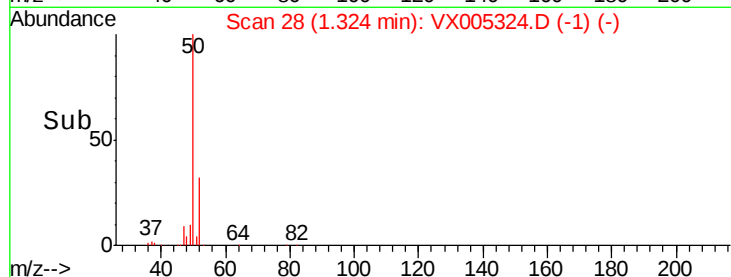
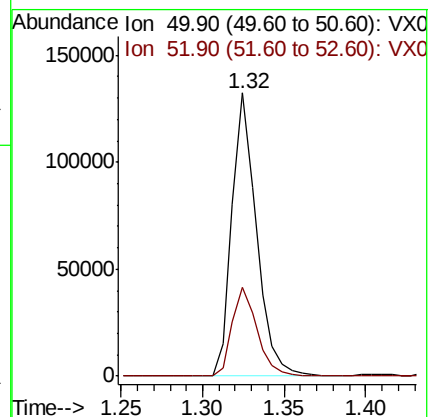
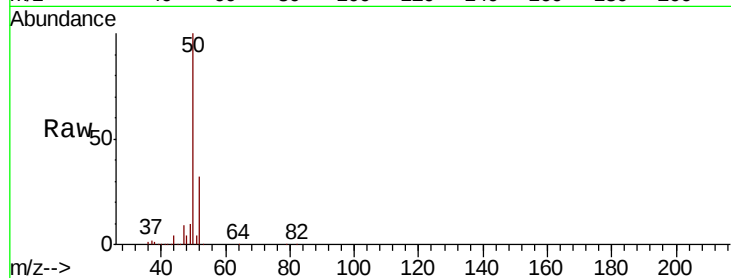
ClientSampleId :

Tot Ion: 50 Resp: 139158

Ion Ratio Lower Upper

50 100

52 31.6 26.2 39.2



#4

Vinyl Chloride

Concen: 54.114 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX005324.D

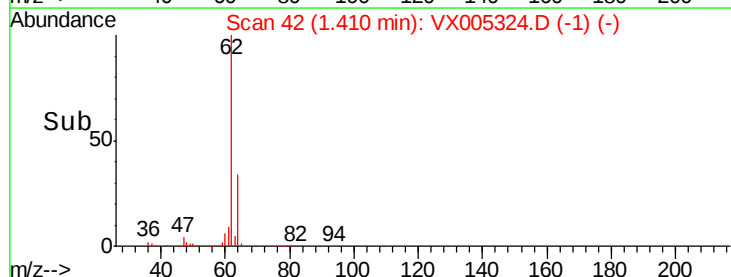
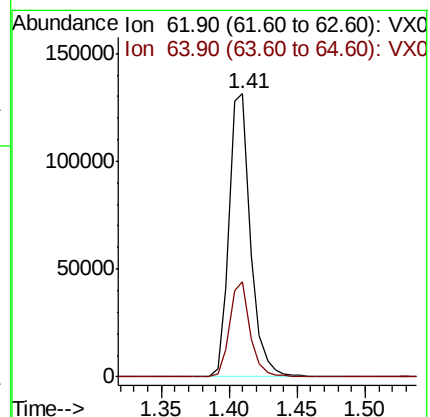
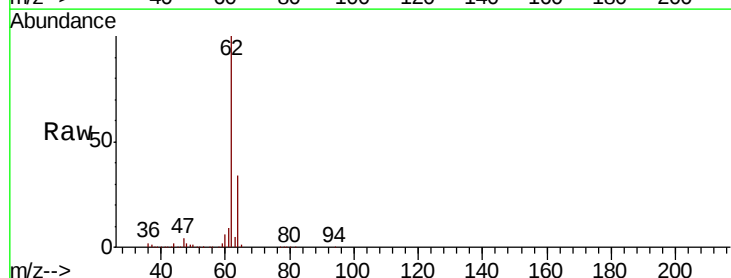
Acq: 13 Oct 2018 05:50

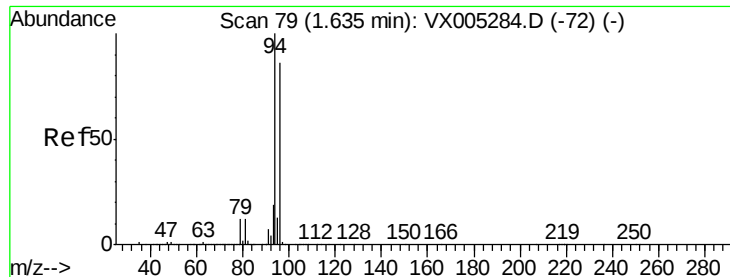
Tgt Ion: 62 Resp: 144230

Ion Ratio Lower Upper

62 100

64 33.7 25.8 38.8





#5

Bromomethane

Concen: 56.756 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005324.D

Acq: 13 Oct 2018 05:50

Instrument :

MSVOA_X

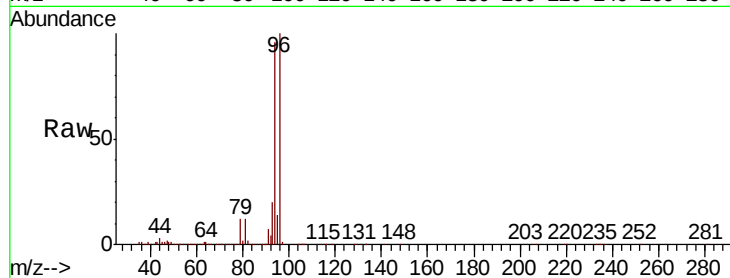
ClientSampled :

Tot Ion: 94 Resp: 85555

Ion Ratio Lower Upper

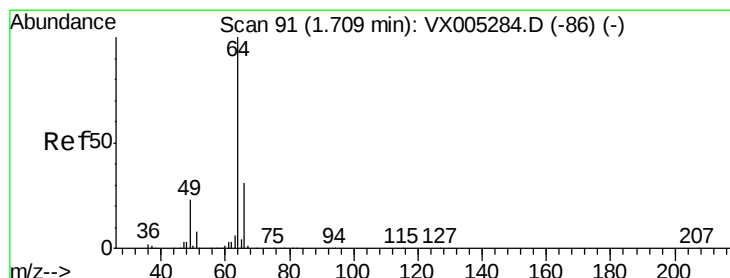
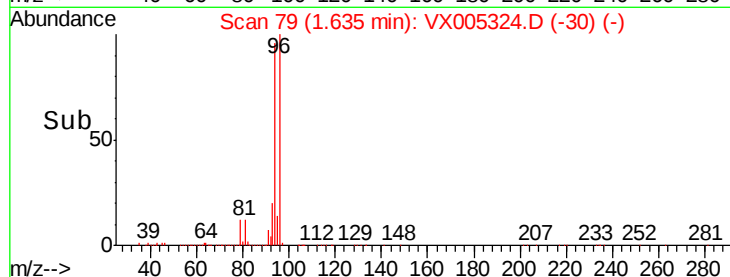
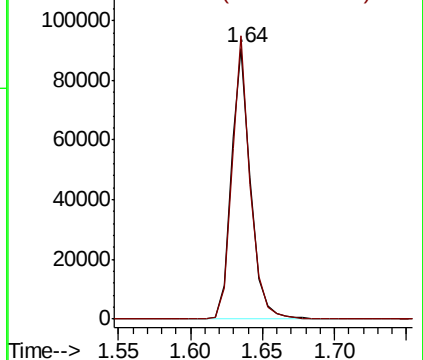
94 100

96 104.4 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: 57.895 ug/l

RT: 1.71 min Scan# 91

Delta R.T. 0.00 min

Lab File: VX005324.D

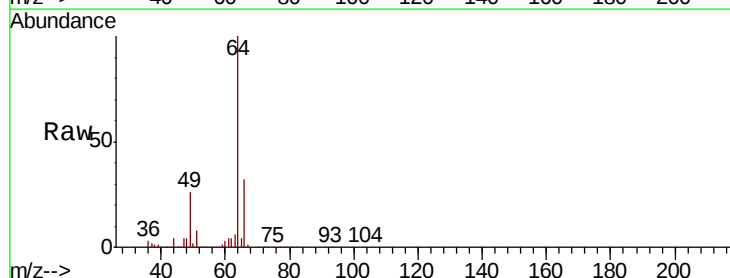
Acq: 13 Oct 2018 05:50

Tgt Ion: 64 Resp: 89760

Ion Ratio Lower Upper

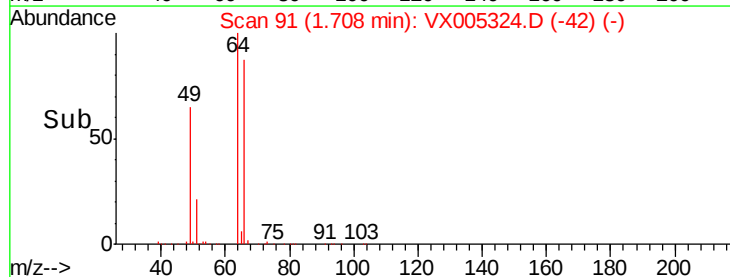
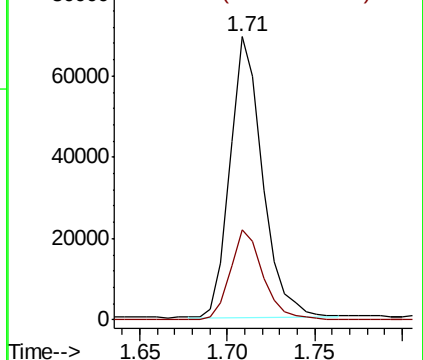
64 100

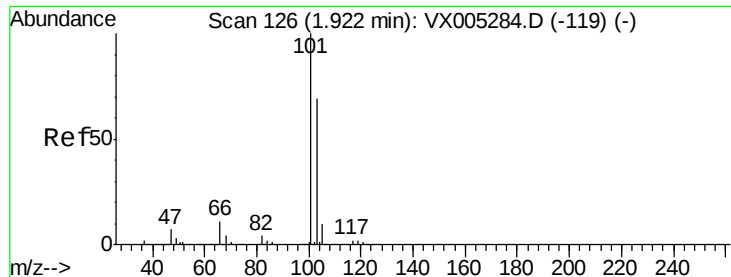
66 31.8 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



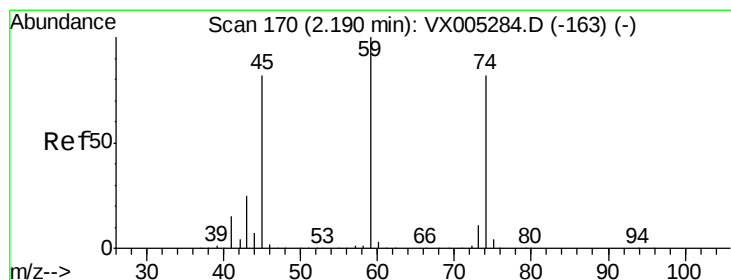
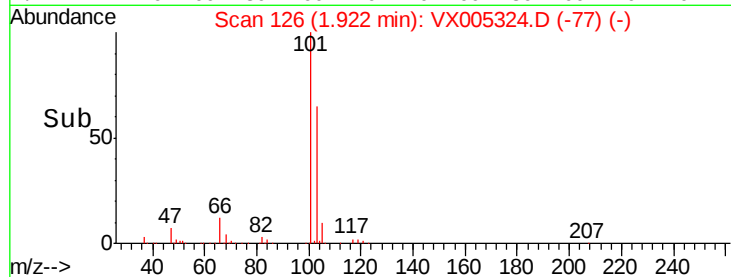
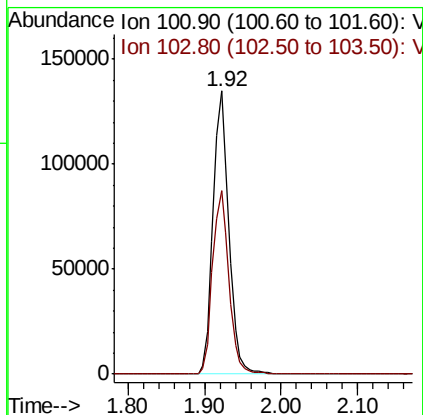
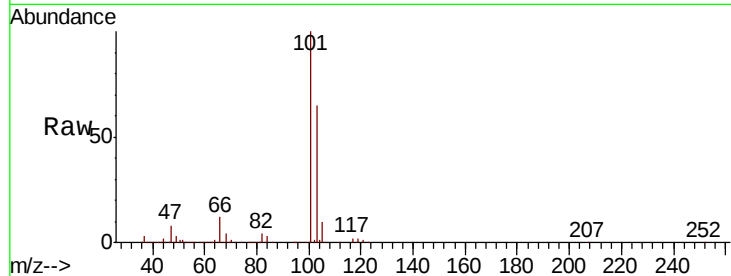


#7

Trichlorofluoromethane
 Concen: 54.650 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: VX005324.D
 Acq: 13 Oct 2018 05:50

Instrument :
 MSVOA_X
 ClientSampled :

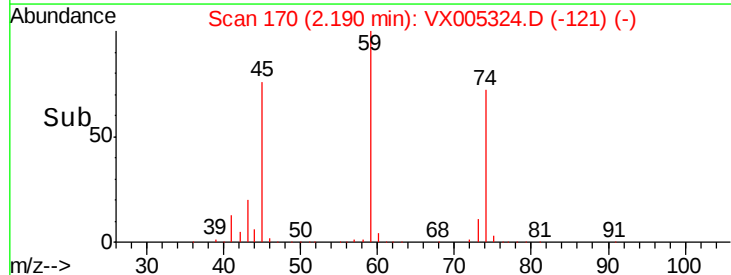
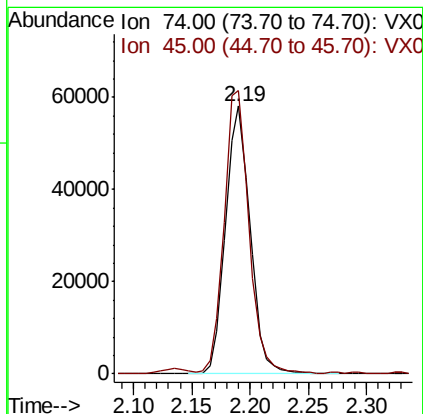
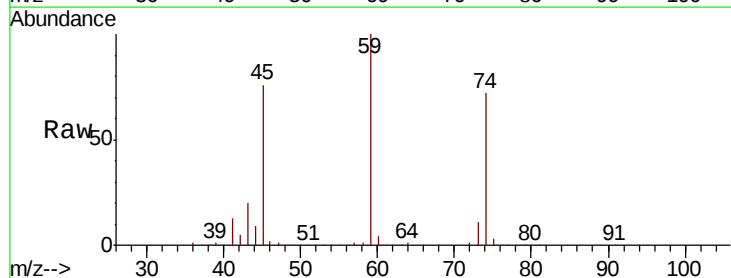
Tot Ion:101 Resp: 194376
 Ion Ratio Lower Upper
 101 100
 103 65.0 48.9 73.3

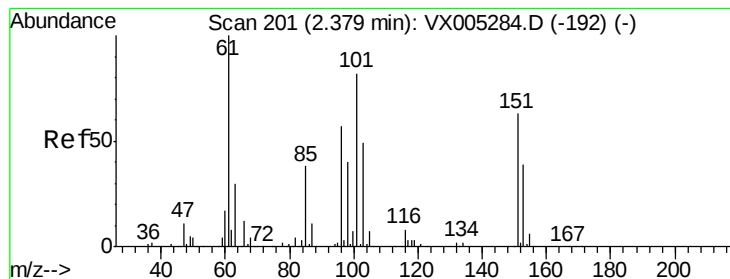


#8

Diethyl Ether
 Concen: 56.418 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX005324.D
 Acq: 13 Oct 2018 05:50

Tgt Ion: 74 Resp: 85690
 Ion Ratio Lower Upper
 74 100
 45 105.2 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.349 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX005324.D

Acq: 13 Oct 2018 05:50

Instrument :

MSVOA_X

ClientSampleId :

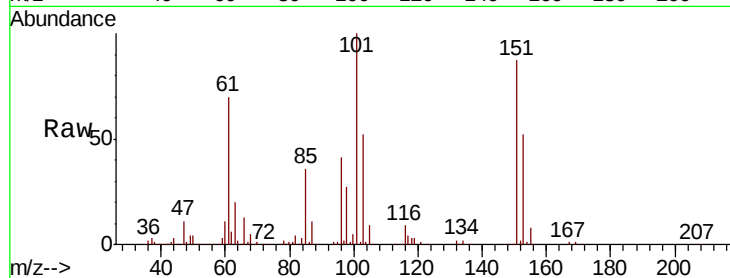
Tot Ion:101 Resp: 107466

Ion Ratio Lower Upper

101 100

85 43.2 34.2 51.4

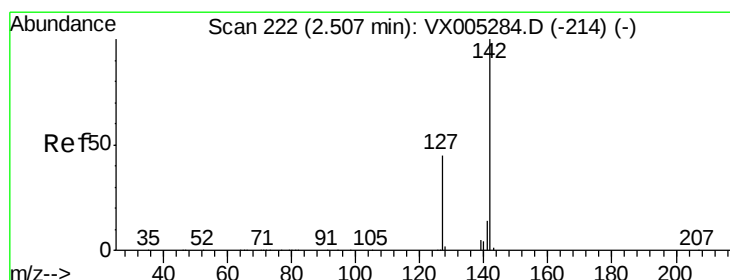
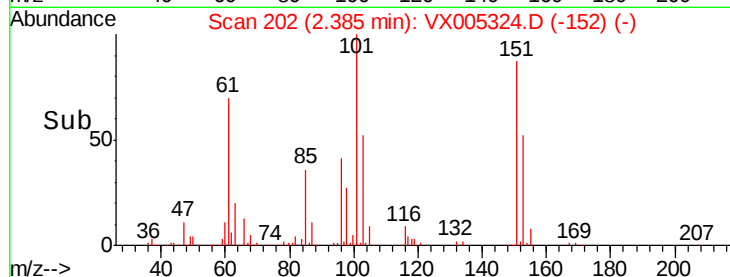
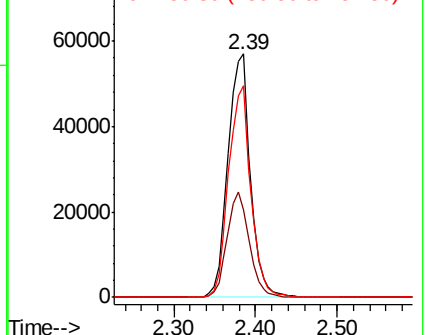
151 86.1 65.0 97.6



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: 62.682 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX005324.D

Acq: 13 Oct 2018 05:50

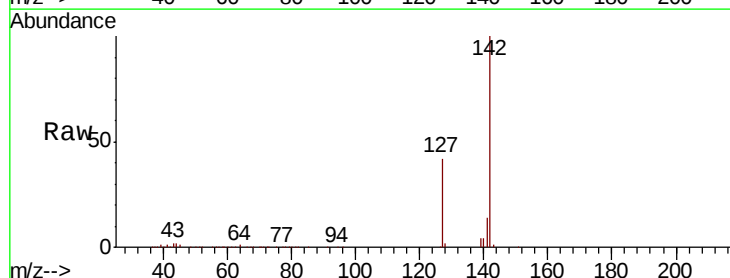
Tgt Ion:142 Resp: 142590

Ion Ratio Lower Upper

142 100

127 42.4 33.8 50.6

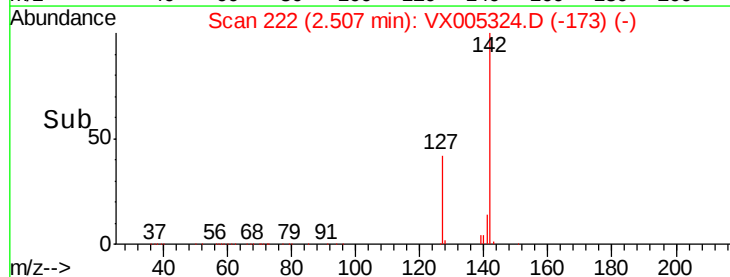
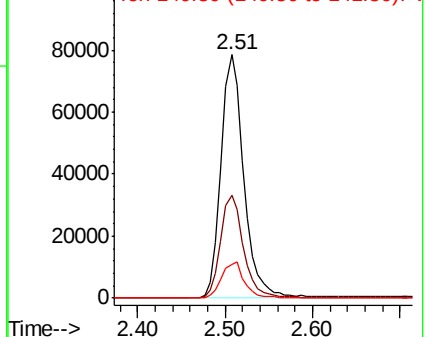
141 14.8 11.4 17.0



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



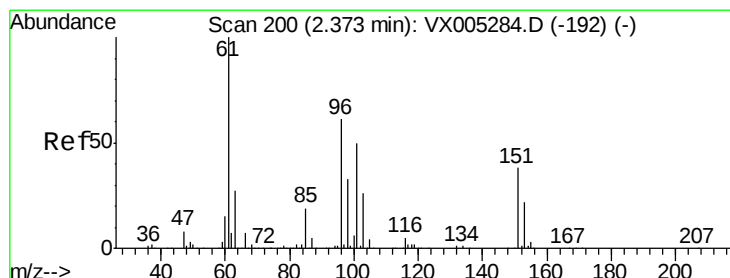
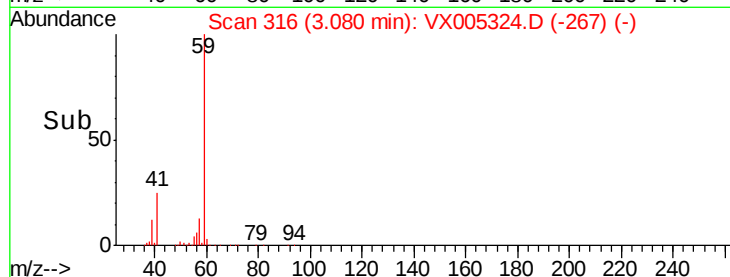
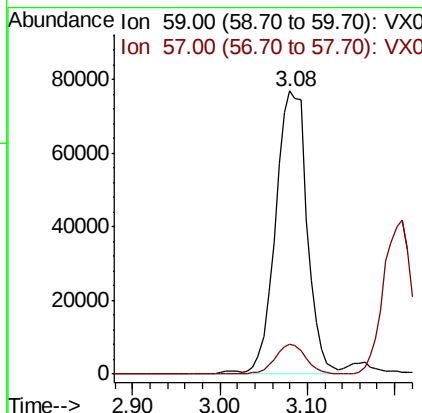
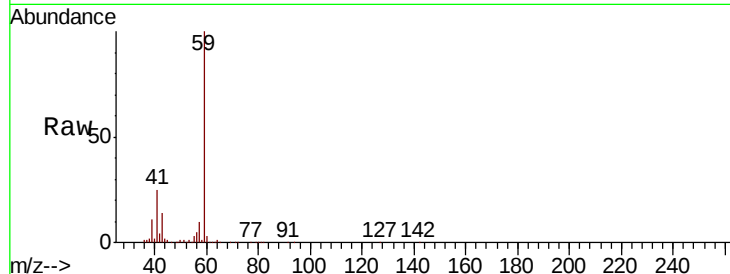


#11

Tert butyl alcohol
 Concen: 265.384 ug/l
 RT: 3.08 min Scan# 316
 Delta R.T. -0.00 min
 Lab File: VX005324.D
 Acq: 13 Oct 2018 05:50

Instrument :
 MSVOA_X
 ClientSampled :

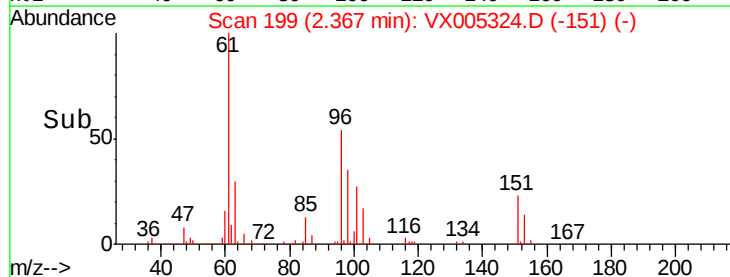
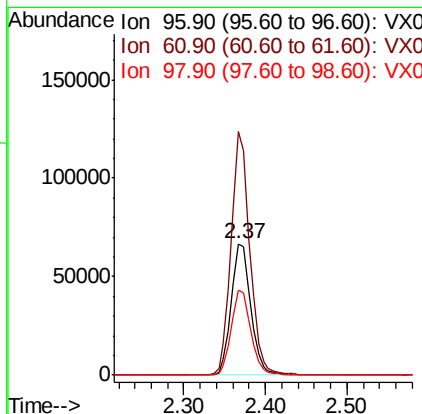
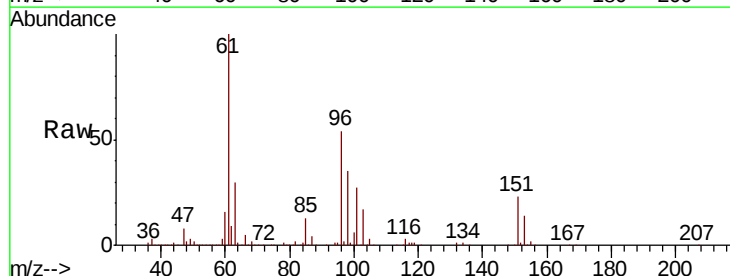
Tot Ion: 59 Resp: 192949
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.2 12.4

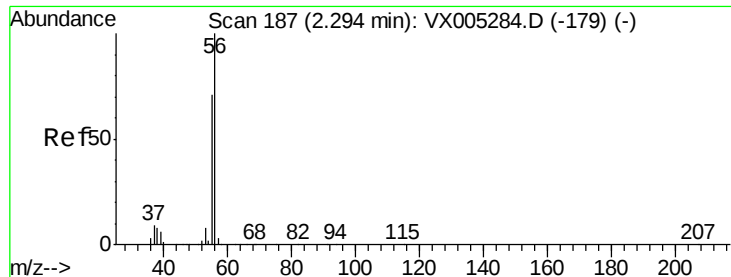


#12

1,1-Dichloroethene
 Concen: 53.984 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. -0.01 min
 Lab File: VX005324.D
 Acq: 13 Oct 2018 05:50

Tgt Ion: 96 Resp: 109802
 Ion Ratio Lower Upper
 96 100
 61 185.7 128.8 193.2
 98 64.8 52.2 78.2





#13

Acrolein

Concen: 240.341 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005324.D

Acq: 13 Oct 2018 05:50

Instrument :

MSVOA_X

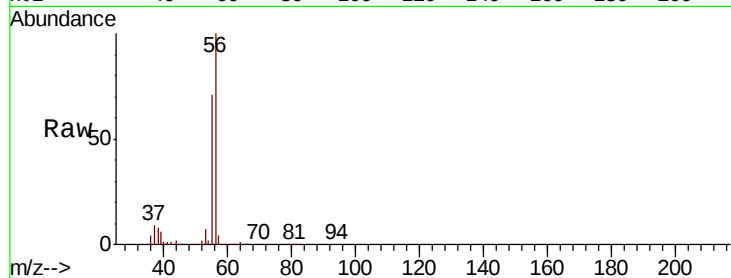
ClientSampleId :

Tot Ion: 56 Resp: 111545

Ion Ratio Lower Upper

56 100

55 72.8 54.7 82.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

80000

60000

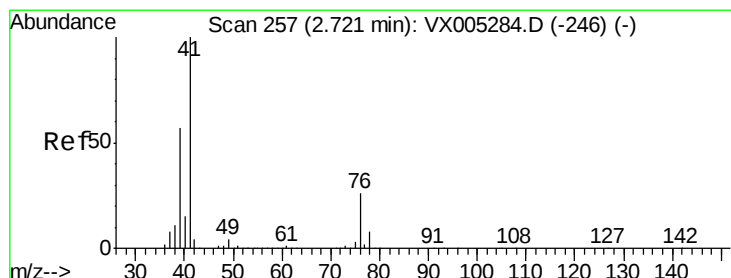
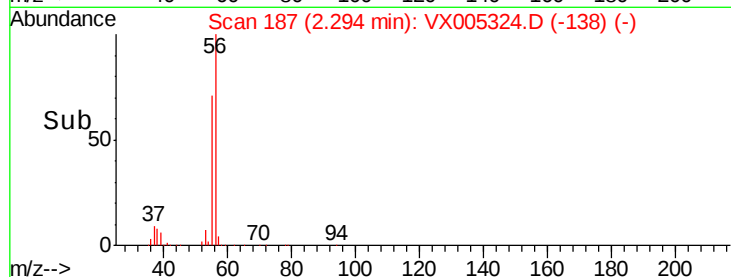
40000

20000

0

Time-->

2.20 2.30 2.40



#14

Allyl chloride

Concen: 52.902 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX005324.D

Acq: 13 Oct 2018 05:50

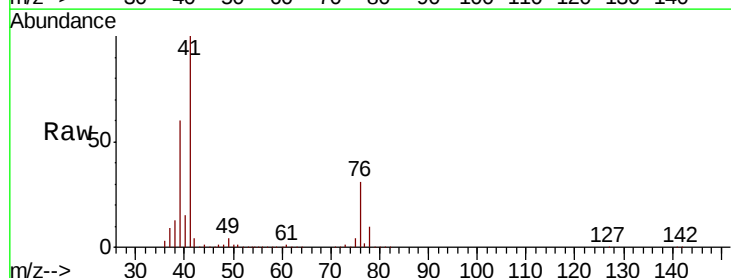
Tgt Ion: 41 Resp: 236240

Ion Ratio Lower Upper

41 100

39 59.8 48.9 73.3

76 29.1 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

150000

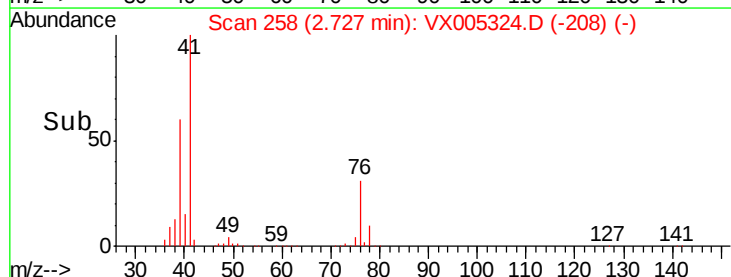
100000

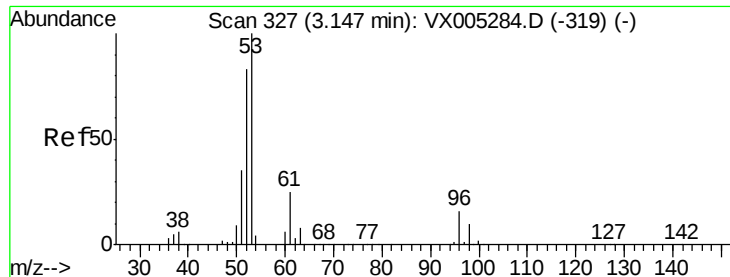
50000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 269.565 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX005324.D

Acq: 13 Oct 2018 05:50

Instrument :

MSVOA_X

ClientSampled :

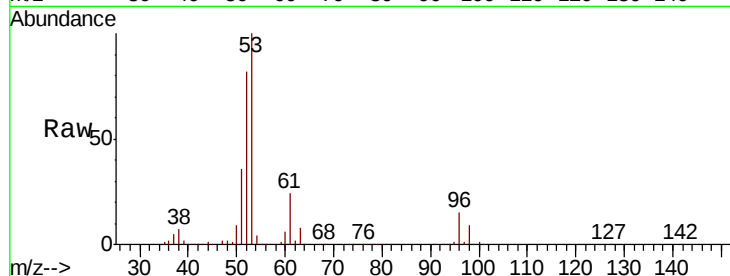
Tot Ion: 53 Resp: 444125

Ion Ratio Lower Upper

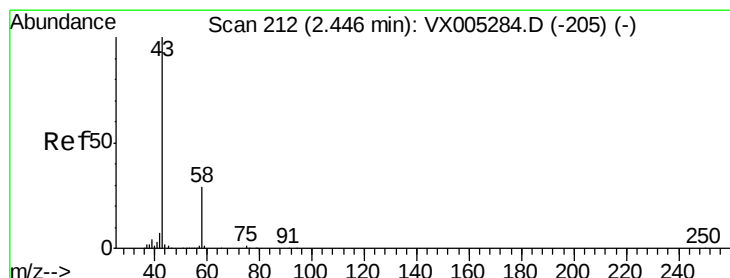
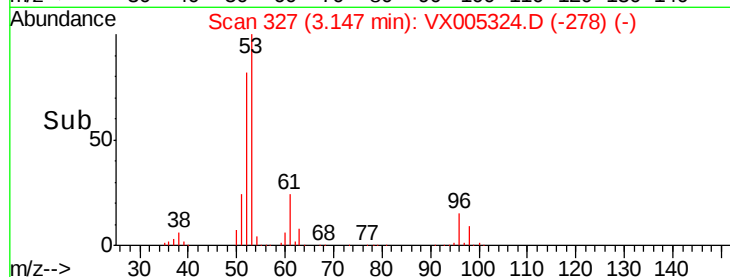
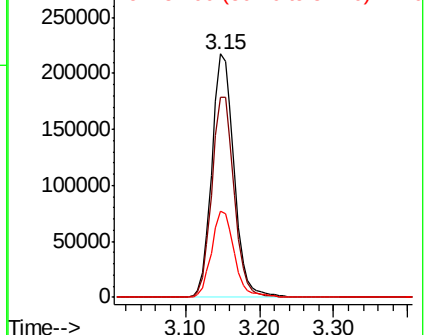
53 100

52 83.1 65.2 97.8

51 36.4 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: 270.829 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005324.D

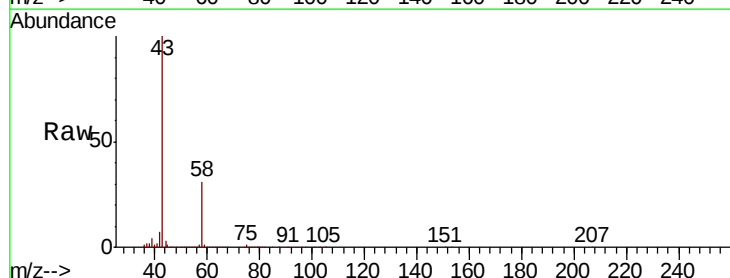
Acq: 13 Oct 2018 05:50

Tgt Ion: 43 Resp: 403601

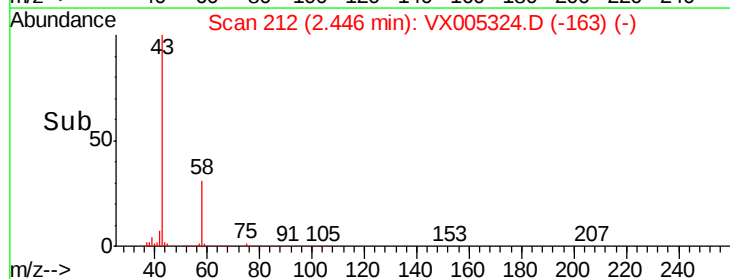
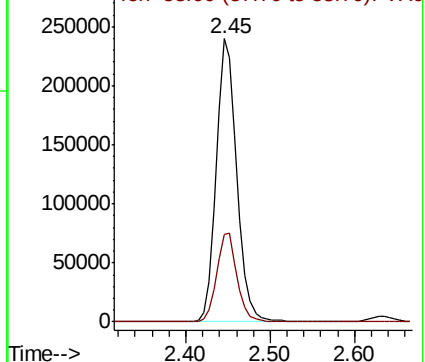
Ion Ratio Lower Upper

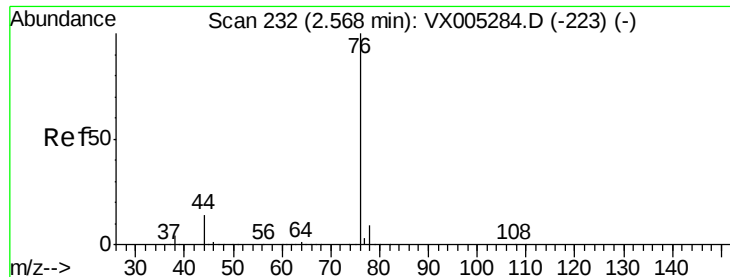
43 100

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

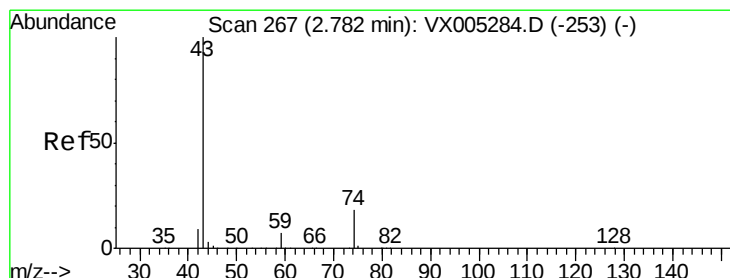
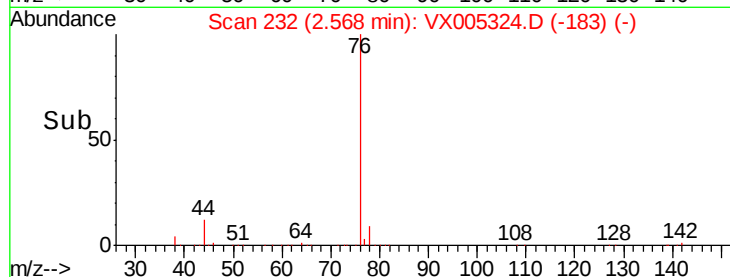
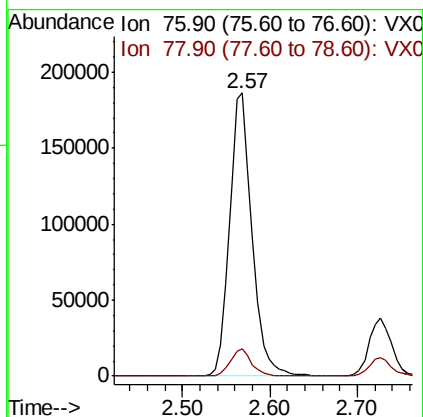
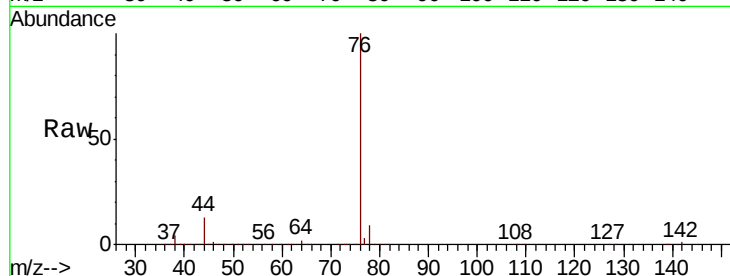




#17
Carbon Disulfide
Concen: 54.002 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX005324.D
Acq: 13 Oct 2018 05:50

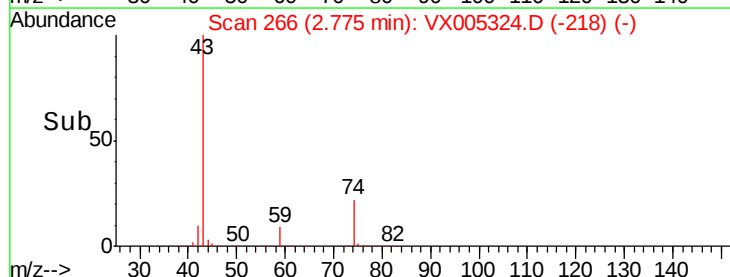
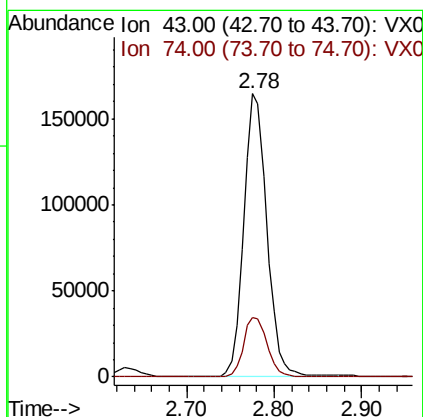
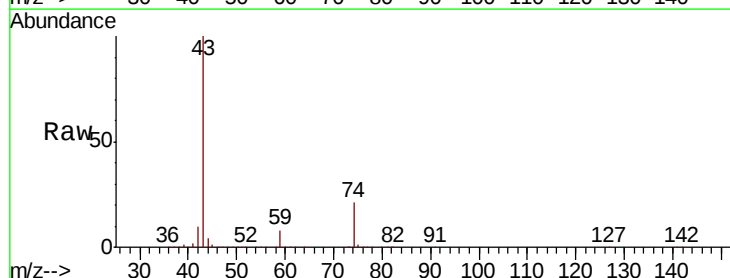
Instrument :
MSVOA_X
ClientSampleId :

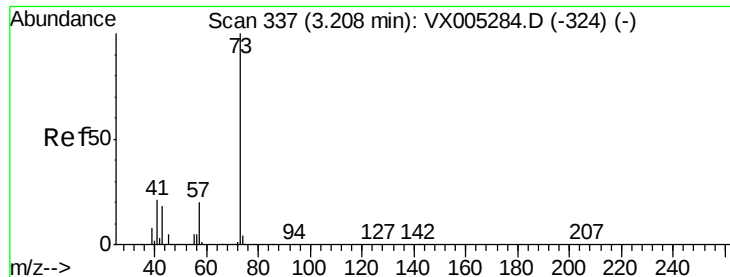
Tot Ion: 76 Resp: 332740
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.6



#18
Methyl Acetate
Concen: 70.712 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005324.D
Acq: 13 Oct 2018 05:50

Tgt Ion: 43 Resp: 299798
Ion Ratio Lower Upper
43 100
74 21.7 19.4 29.2



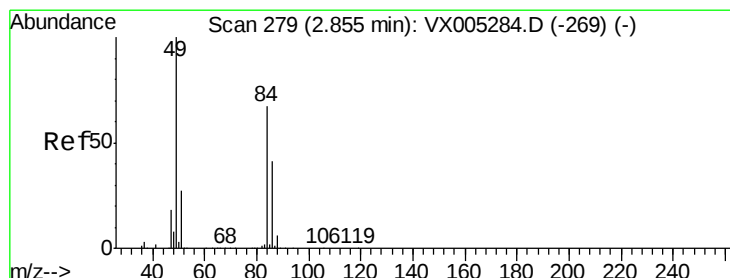
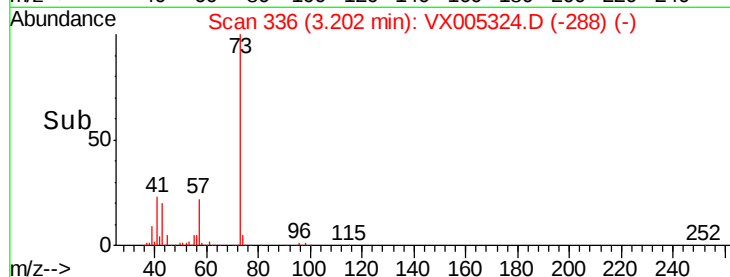
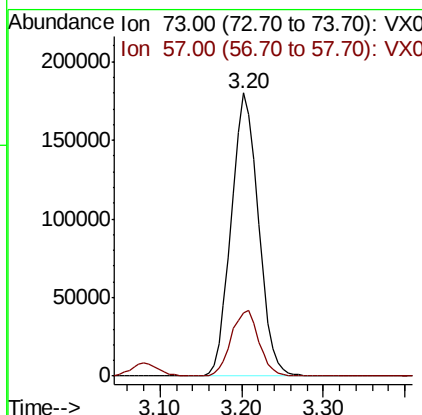
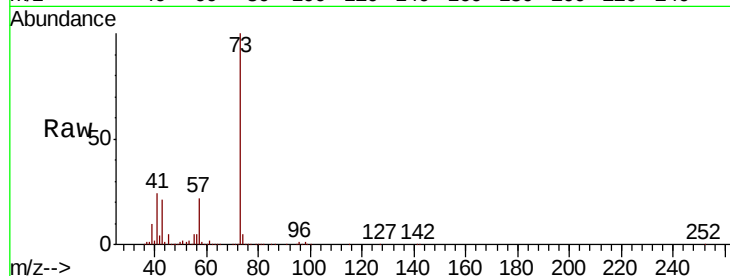


#19

Methyl tert-butyl Ether
 Concen: 57.781 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.01 min
 Lab File: VX005324.D
 Acq: 13 Oct 2018 05:50

Instrument :
 MSVOA_X
 ClientSampleId :

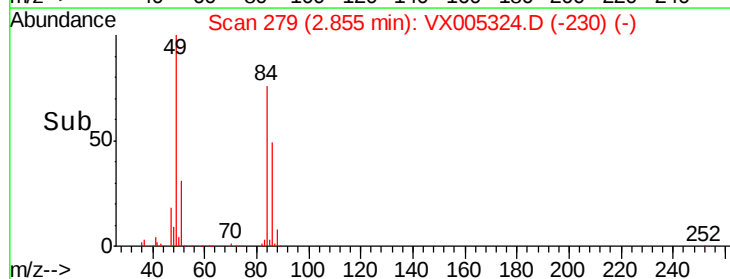
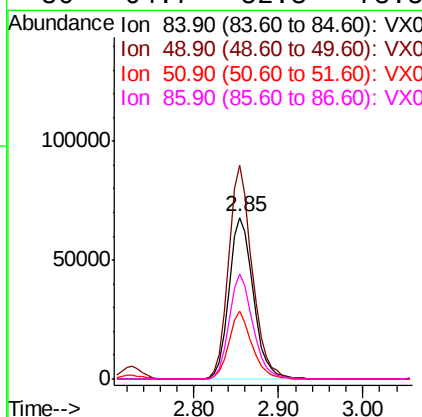
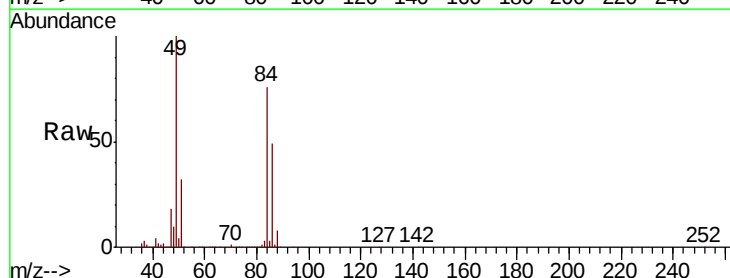
Tot Ion: 73 Resp: 413915
 Ion Ratio Lower Upper
 73 100
 57 22.3 17.1 25.7

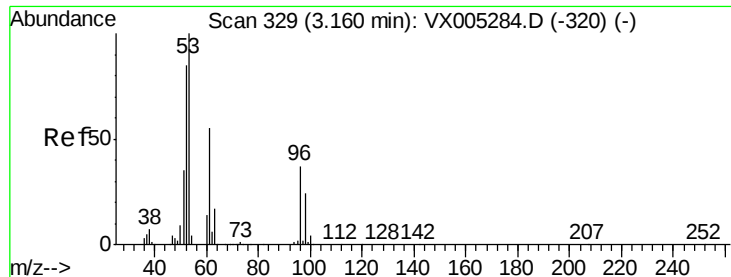


#20

Methylene Chloride
 Concen: 61.377 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX005324.D
 Acq: 13 Oct 2018 05:50

Tgt Ion: 84 Resp: 132627
 Ion Ratio Lower Upper
 84 100
 49 132.2 101.2 151.8
 51 41.7 29.5 44.3
 86 64.7 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 53.235 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX005324.D

Acq: 13 Oct 2018 05:50

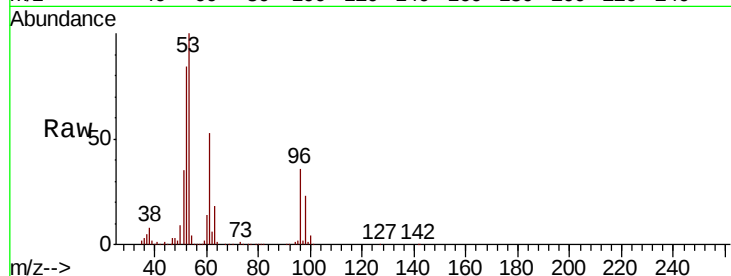
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 96 Resp: 119997

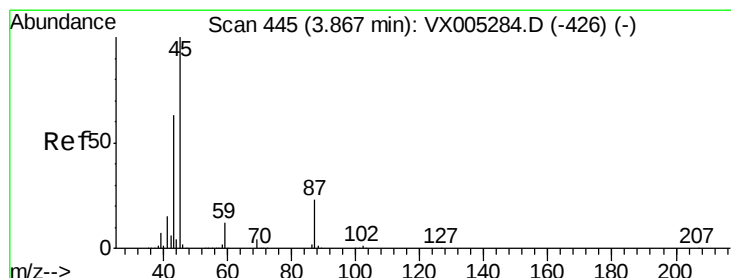
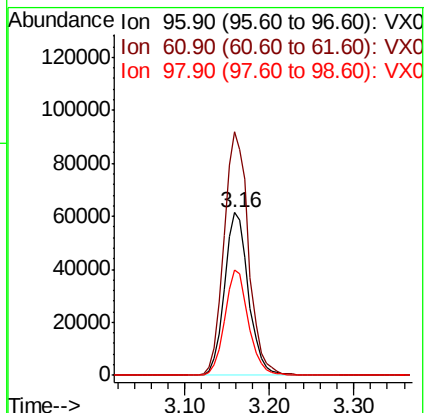
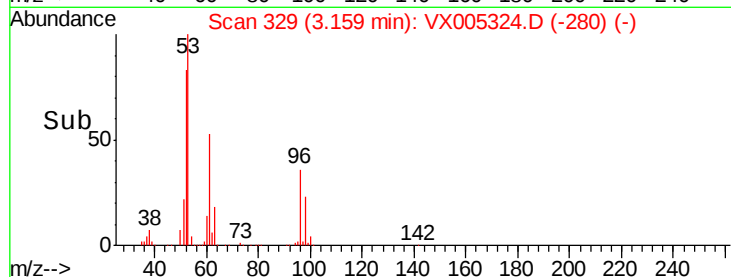
Ion	Ratio	Lower	Upper
96	100		
61	149.7	113.8	170.6
98	64.7	51.8	77.8



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 53.041 ug/l

RT: 3.87 min Scan# 446

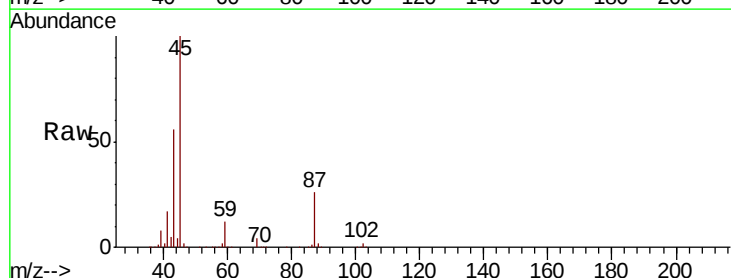
Delta R.T. 0.01 min

Lab File: VX005324.D

Acq: 13 Oct 2018 05:50

Tgt Ion: 45 Resp: 397845

Ion	Ratio	Lower	Upper
45	100		
43	56.1	42.8	64.2
87	26.3	22.6	34.0
59	11.6	9.6	14.4

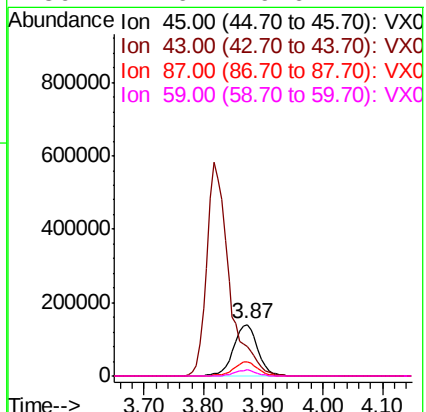
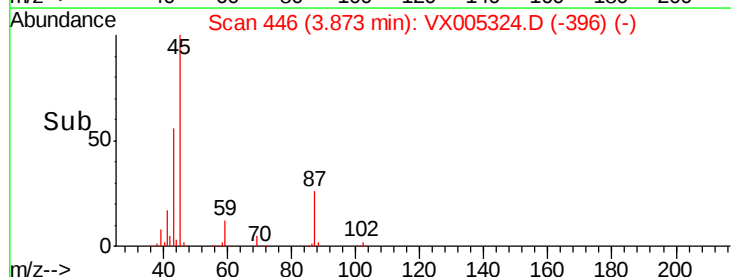


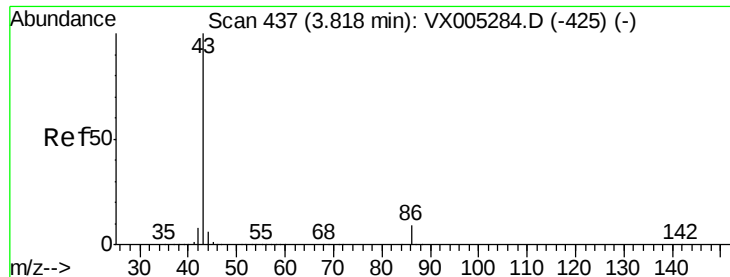
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 229.199 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX005324.D

Acq: 13 Oct 2018 05:50

Instrument :

MSVOA_X

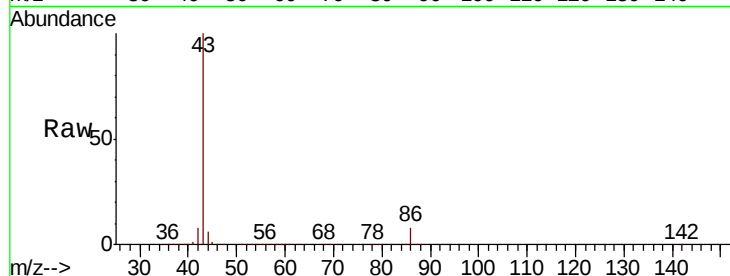
ClientSampleId :

Tot Ion: 43 Resp: 1502586

Ion Ratio Lower Upper

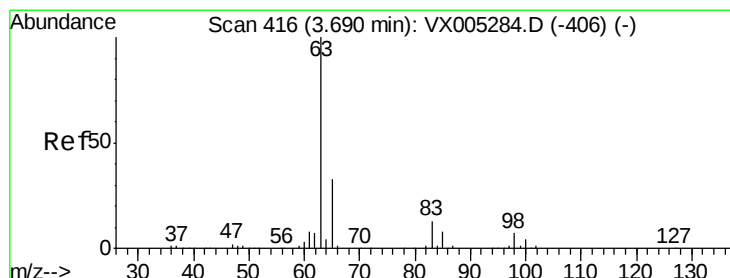
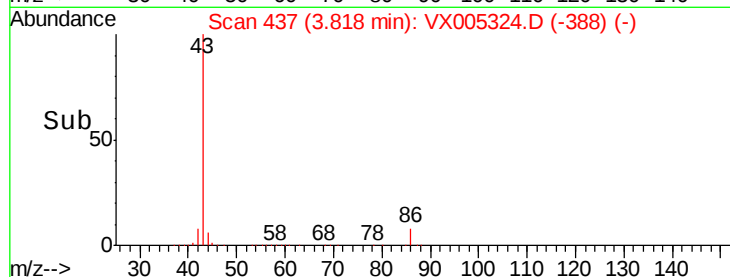
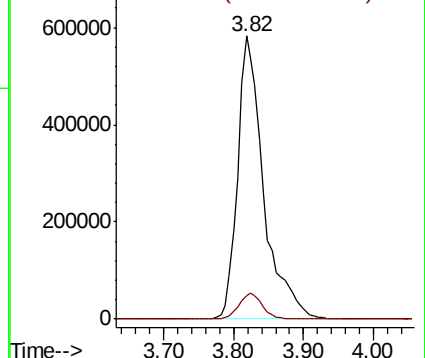
43 100

86 8.2 8.9 13.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 55.225 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX005324.D

Acq: 13 Oct 2018 05:50

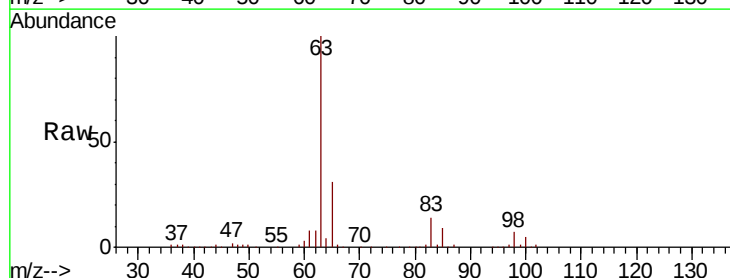
Tgt Ion: 63 Resp: 237398

Ion Ratio Lower Upper

63 100

98 6.5 3.5 10.4

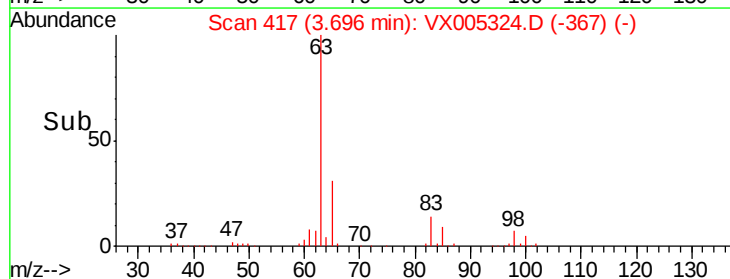
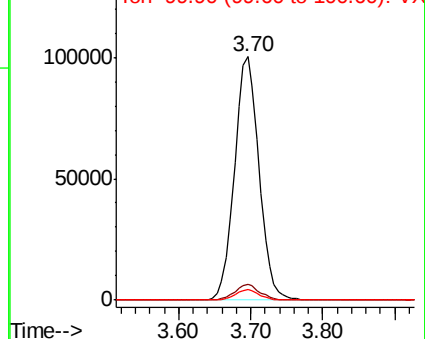
100 4.5 2.4 7.1

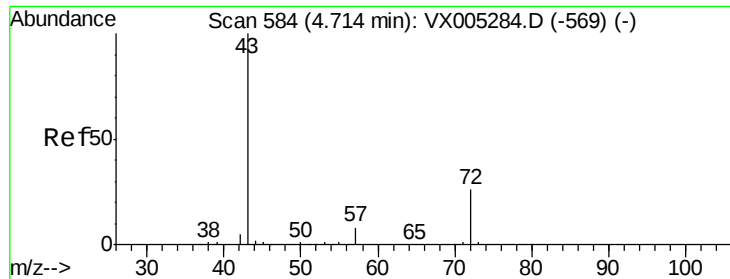


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 270.767 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX005324.D

Acq: 13 Oct 2018 05:50

Instrument :

MSVOA_X

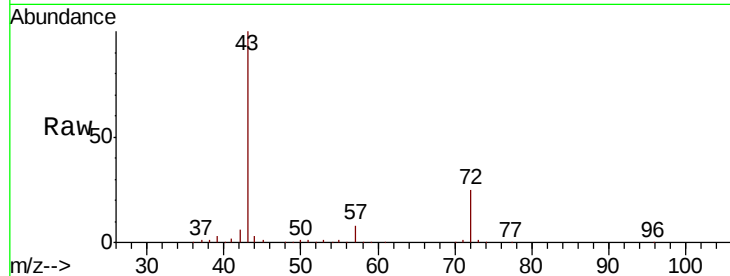
ClientSampled :

Tot Ion: 43 Resp: 590381

Ion Ratio Lower Upper

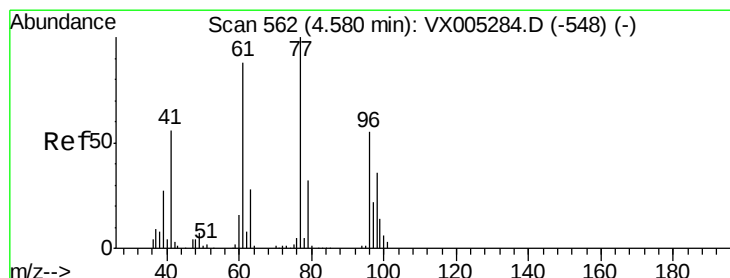
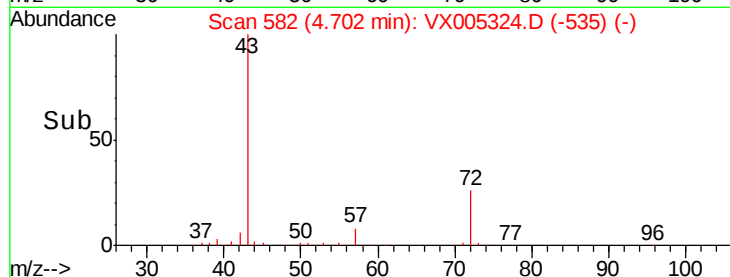
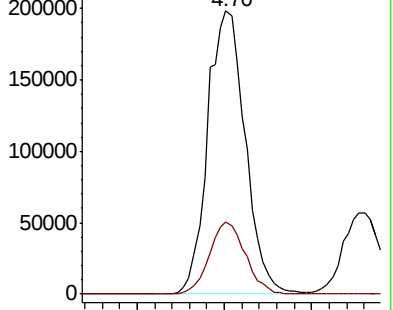
43 100

72 25.4 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 34.702 ug/l

RT: 4.59 min Scan# 564

Delta R.T. 0.01 min

Lab File: VX005324.D

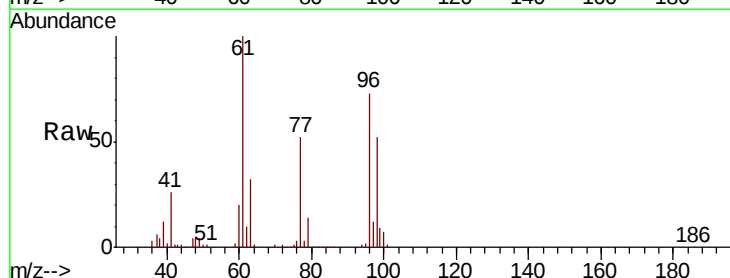
Acq: 13 Oct 2018 05:50

Tgt Ion: 77 Resp: 111565

Ion Ratio Lower Upper

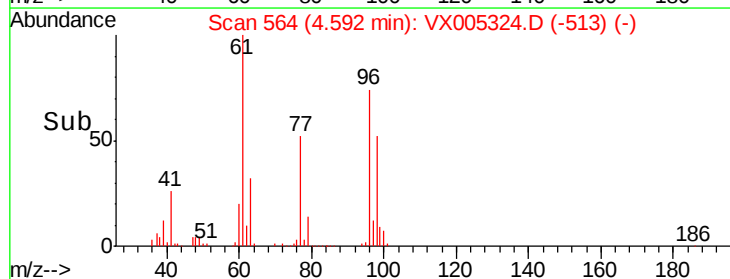
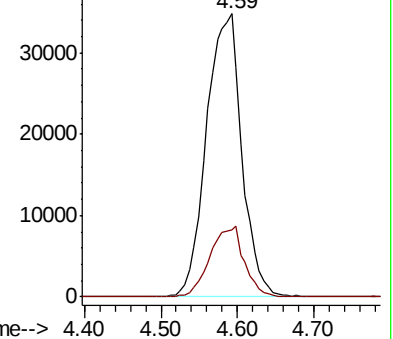
77 100

97 24.2 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



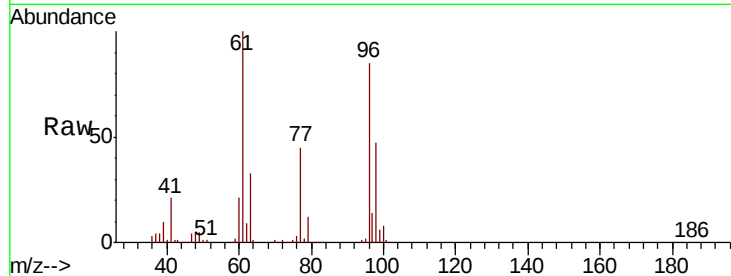


#27

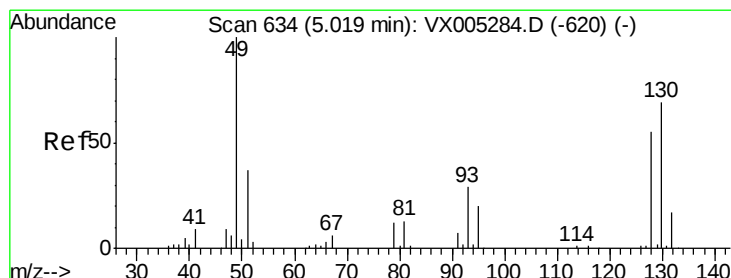
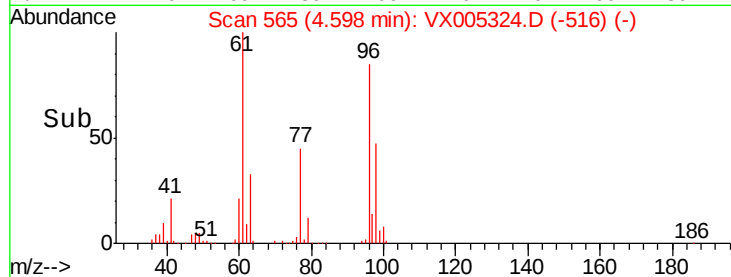
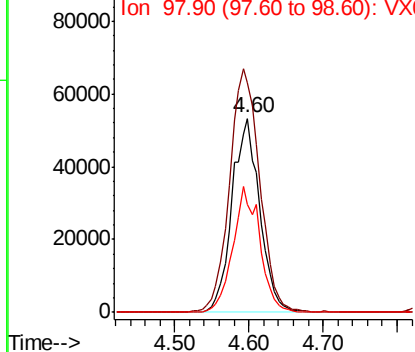
cis-1,2-Dichloroethene
 Concen: 56.799 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX005324.D
 Acq: 13 Oct 2018 05:50

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	136.5	0.0	282.6
98	63.3	0.0	130.2



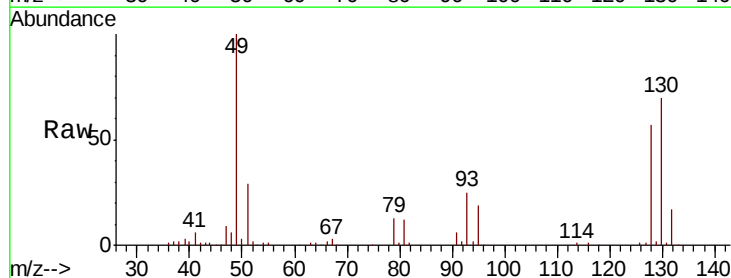
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



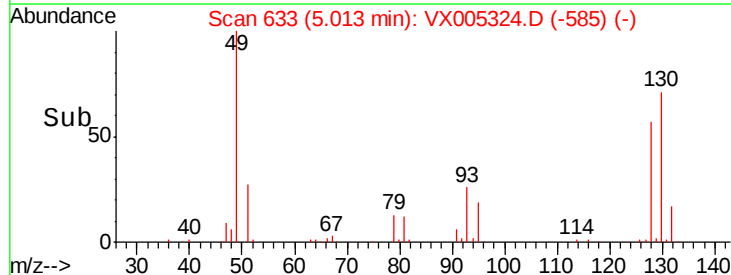
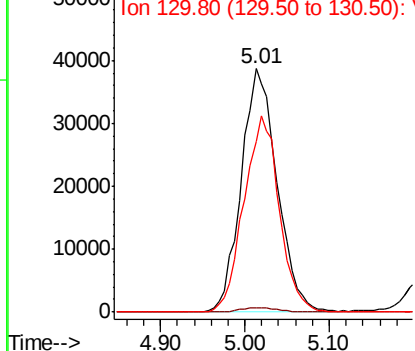
#28

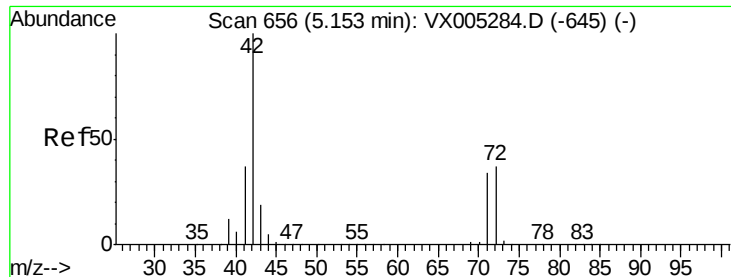
Bromochloromethane
 Concen: 56.879 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: VX005324.D
 Acq: 13 Oct 2018 05:50

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.2
130	79.6	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: 267.825 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX005324.D

Acq: 13 Oct 2018 05:50

Instrument :
MSVOA_X
ClientSampleId :

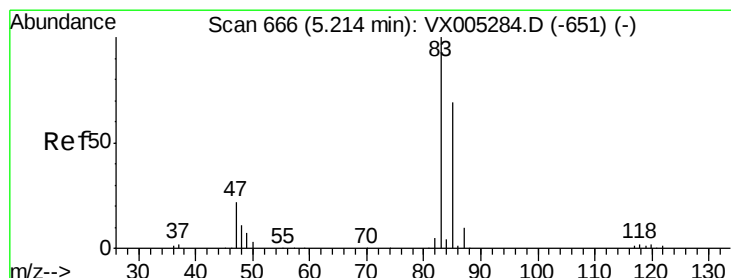
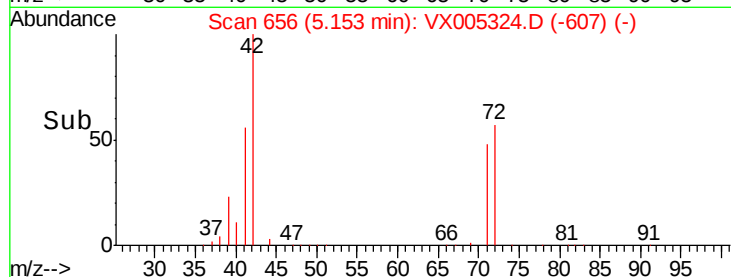
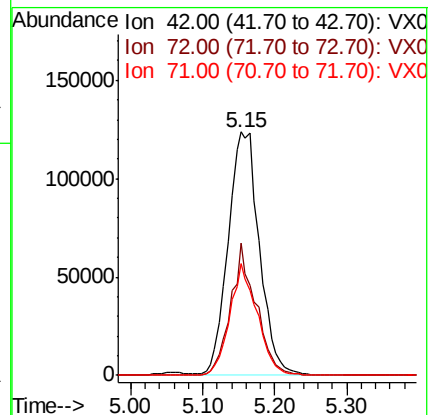
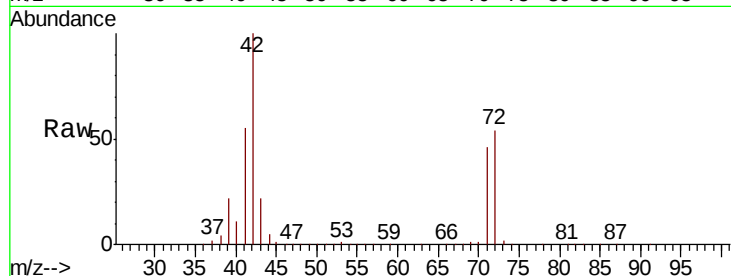
Tot Ion: 42 Resp: 372496

Ion Ratio Lower Upper

42 100

72 44.4 37.4 56.0

71 40.4 34.5 51.7



#30

Chloroform

Concen: 55.928 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.01 min

Lab File: VX005324.D

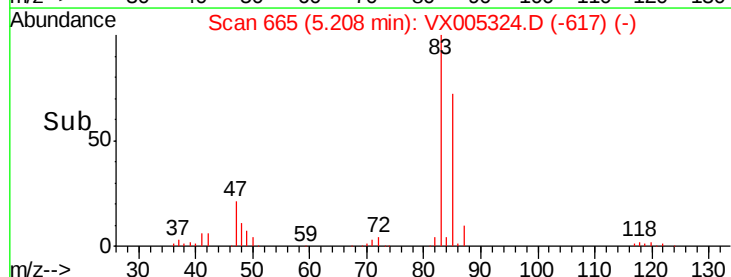
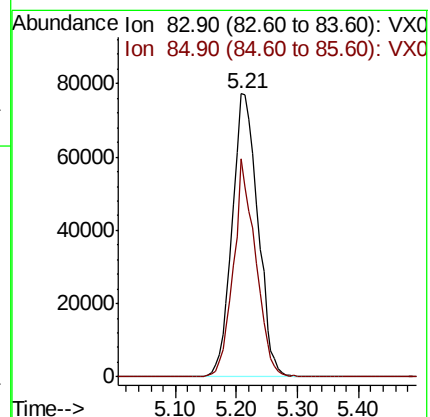
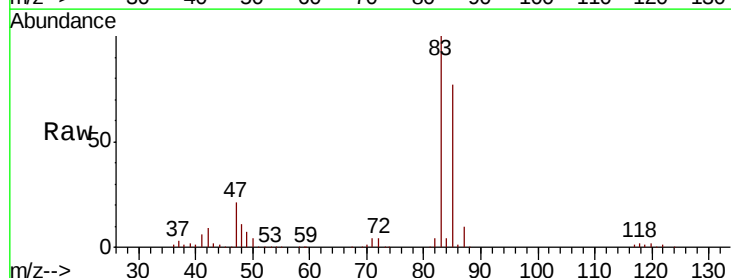
Acq: 13 Oct 2018 05:50

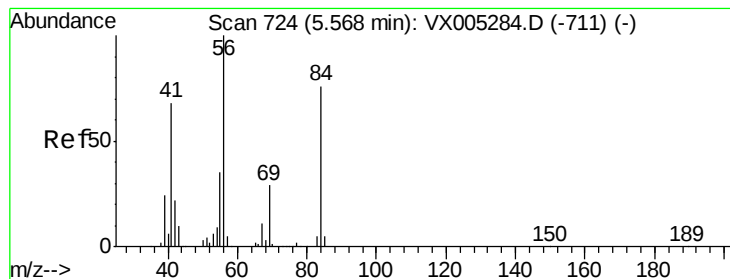
Tgt Ion: 83 Resp: 223153

Ion Ratio Lower Upper

83 100

85 77.1 52.6 79.0





#31

Cyclohexane

Concen: 49.887 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.01 min

Lab File: VX005324.D

Acq: 13 Oct 2018 05:50

Instrument :
MSVOA_X
ClientSampled :

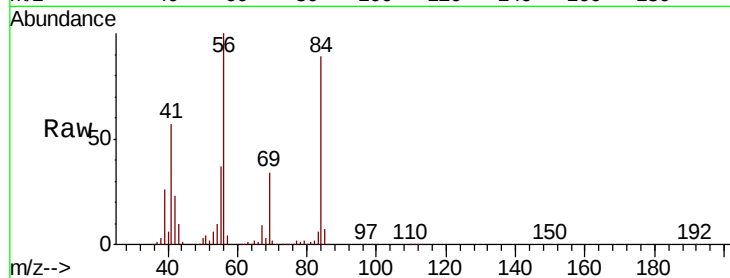
Tot Ion: 56 Resp: 176752

Ion Ratio Lower Upper

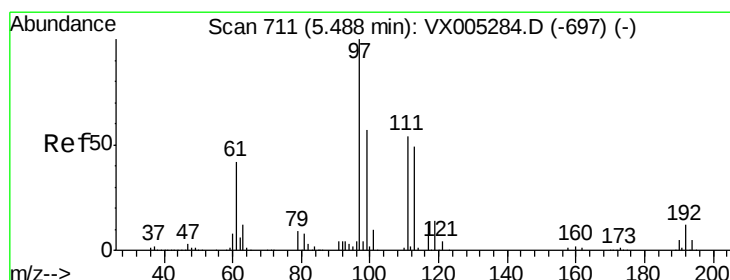
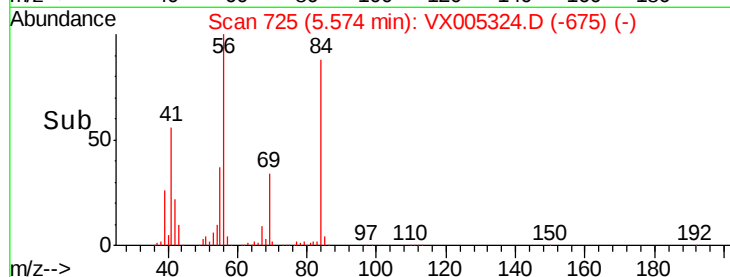
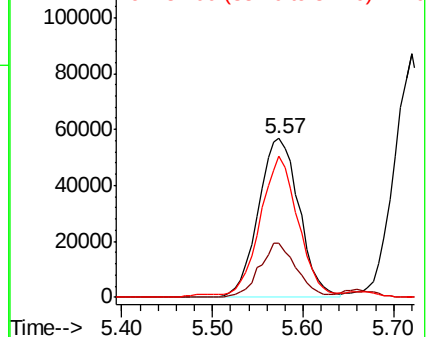
56 100

69 34.2 25.4 38.2

84 87.1 71.4 107.2



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



#32

1,1,1-Trichloroethane

Concen: 53.629 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.01 min

Lab File: VX005324.D

Acq: 13 Oct 2018 05:50

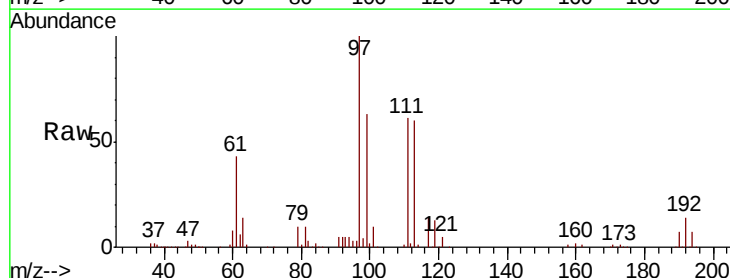
Tgt Ion: 97 Resp: 186189

Ion Ratio Lower Upper

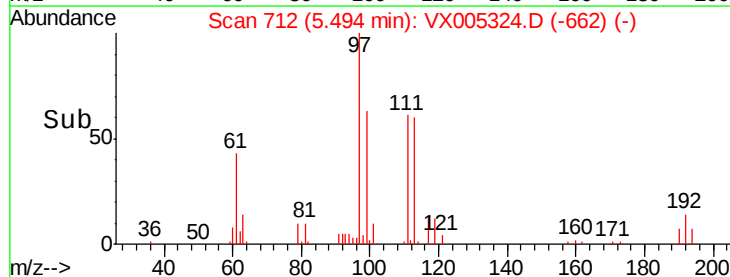
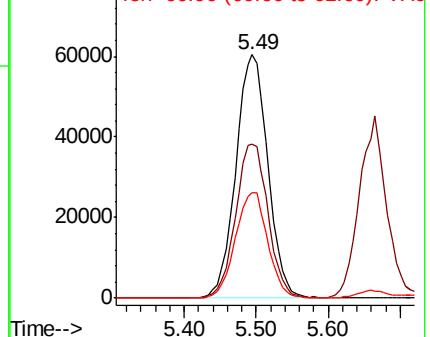
97 100

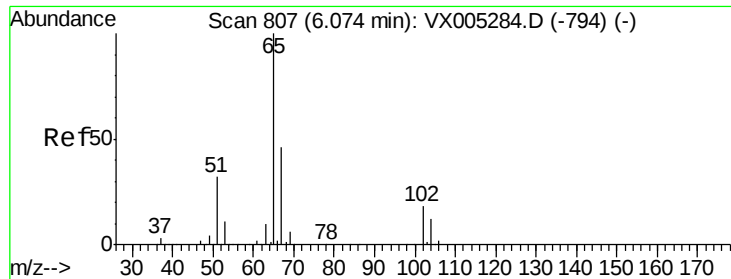
99 64.3 52.0 78.0

61 44.0 34.9 52.3



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

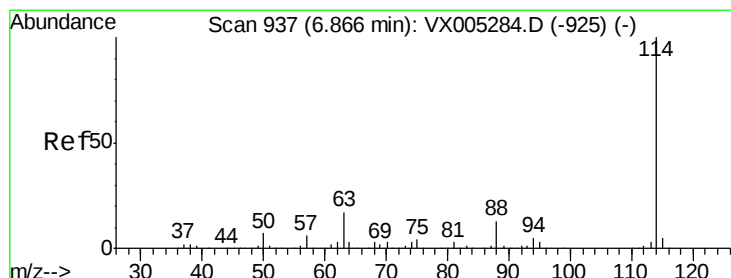
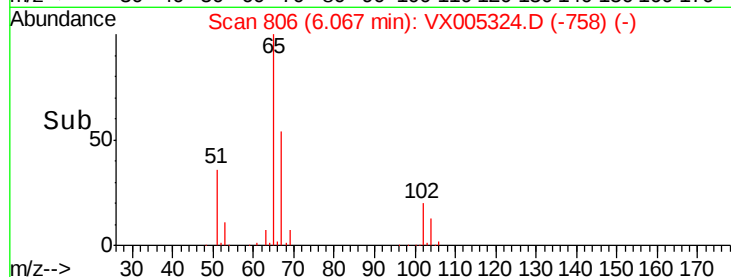
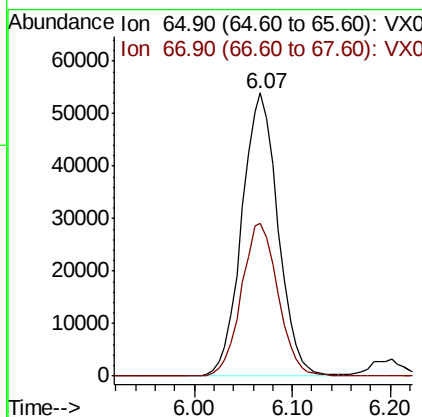
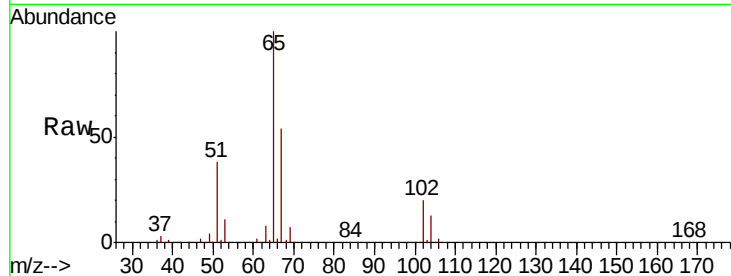




#33
 1,2-Dichloroethane-d4
 Concen: 53.668 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: VX005324.D
 Acq: 13 Oct 2018 05:50

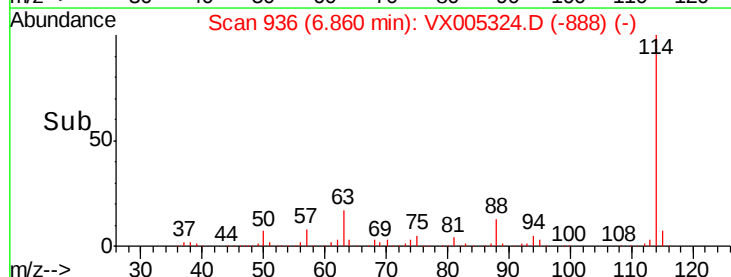
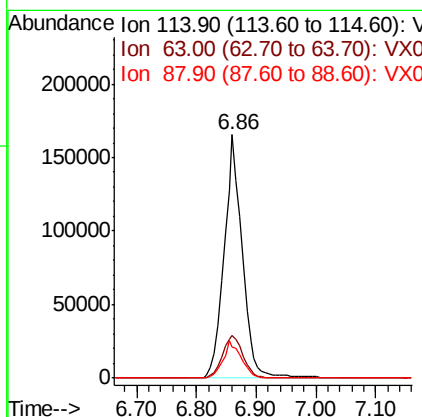
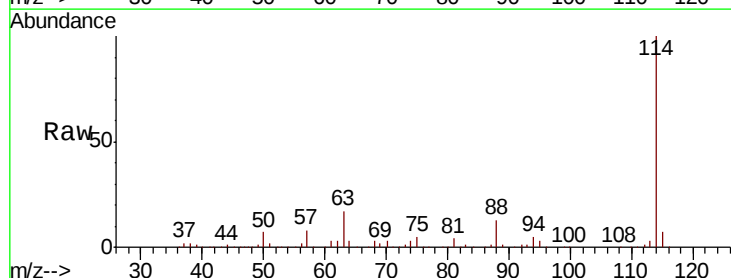
Instrument :
 MSVOA_X
 ClientSampleId :

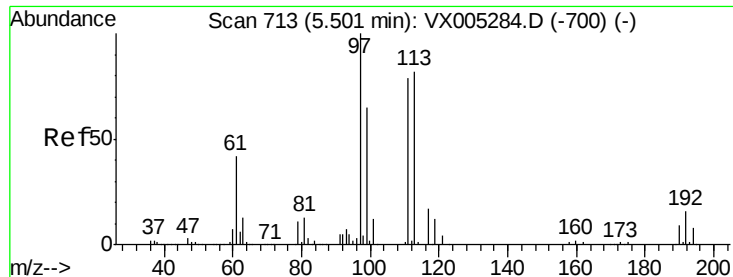
Tot Ion: 65 Resp: 138327
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: VX005324.D
 Acq: 13 Oct 2018 05:50

Tgt Ion: 114 Resp: 354056
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 39.0
 88 12.7 0.0 30.4

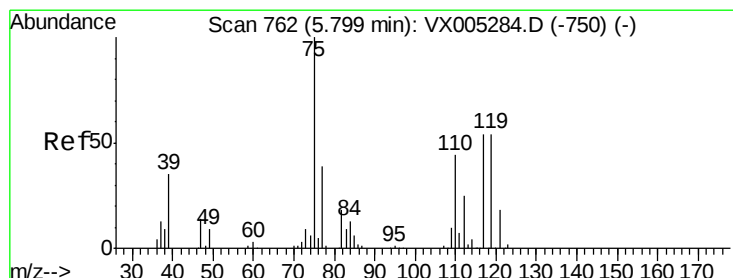
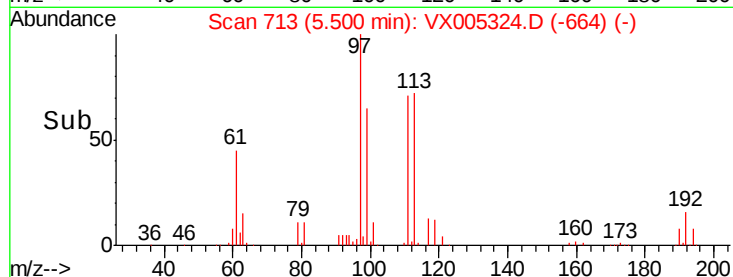
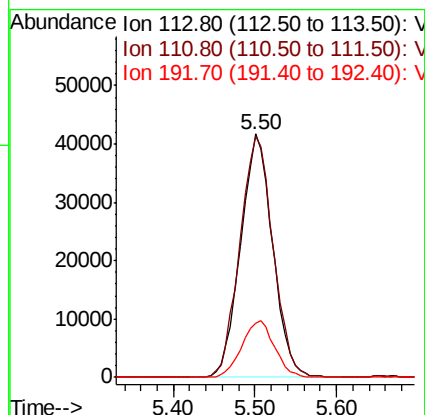
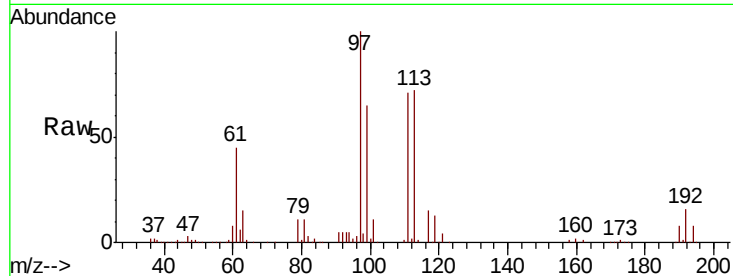




#35
 Dibromofluoromethane
 Concen: 48.518 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX005324.D
 Acq: 13 Oct 2018 05:50

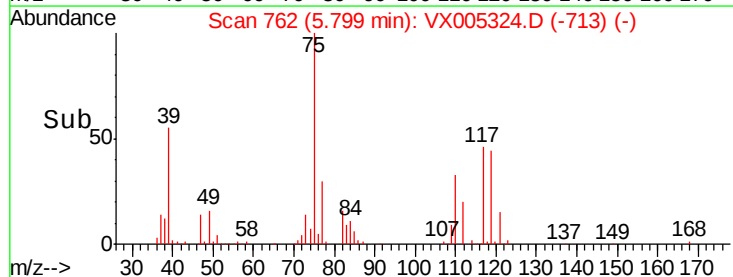
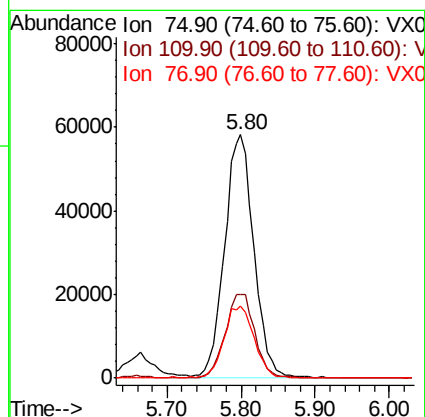
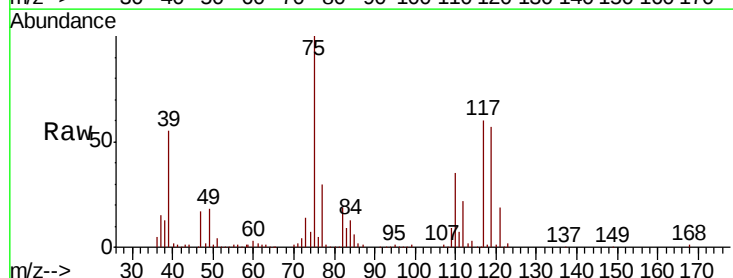
Instrument :
 MSVOA_X
 ClientSampleId :

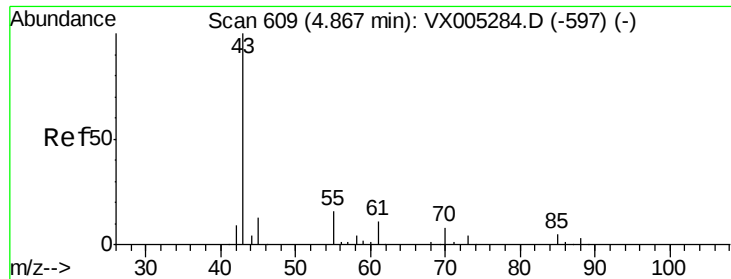
Tot Ion:113 Resp: 113775
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.4 123.6
 192 23.6 19.4 29.2



#36
 1,1-Dichloropropene
 Concen: 46.130 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX005324.D
 Acq: 13 Oct 2018 05:50

Tgt Ion: 75 Resp: 158181
 Ion Ratio Lower Upper
 75 100
 110 35.4 18.0 54.0
 77 30.4 24.6 36.8

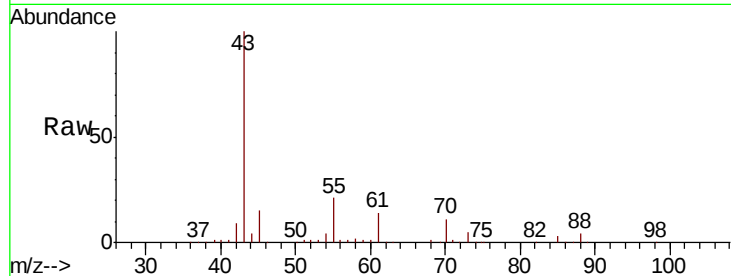




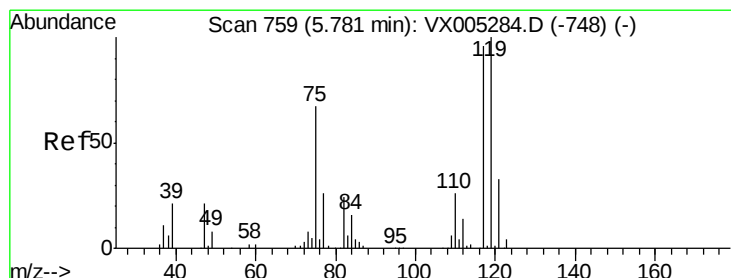
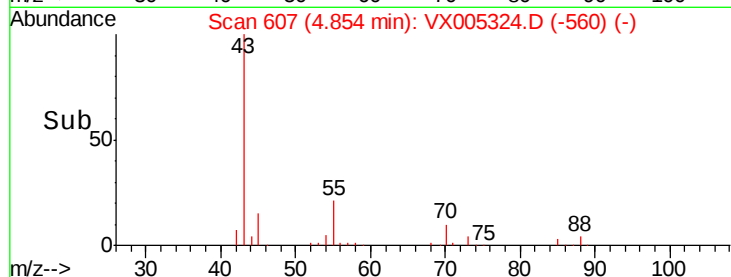
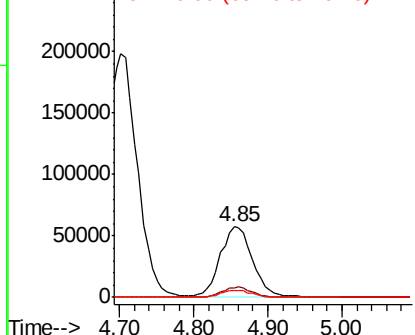
#37
Ethyl Acetate
Concen: 39.452 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX005324.D
Acq: 13 Oct 2018 05:50

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 173976
Ion Ratio Lower Upper
43 100
61 13.9 11.5 17.3
70 9.9 9.0 13.6

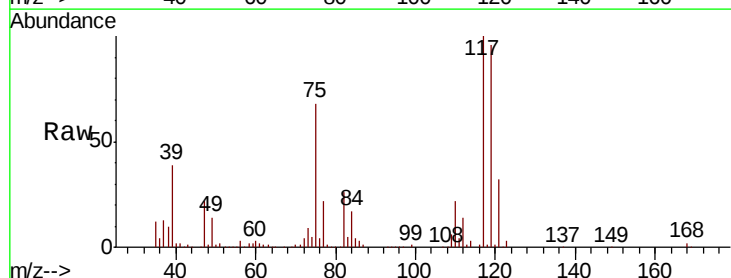


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

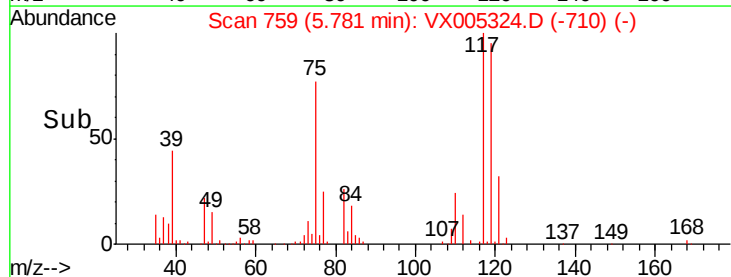
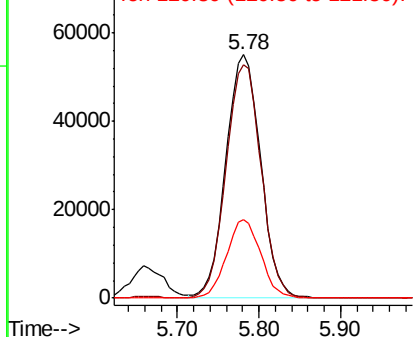


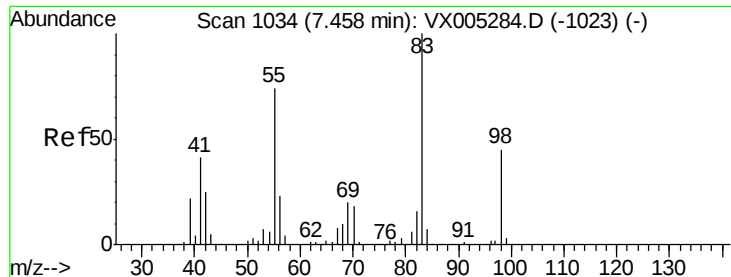
#38
Carbon Tetrachloride
Concen: 47.153 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX005324.D
Acq: 13 Oct 2018 05:50

Tgt Ion: 117 Resp: 162462
Ion Ratio Lower Upper
117 100
119 95.6 78.8 118.2
121 32.1 24.9 37.3



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

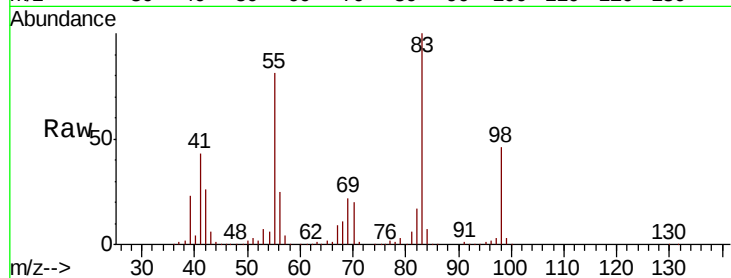




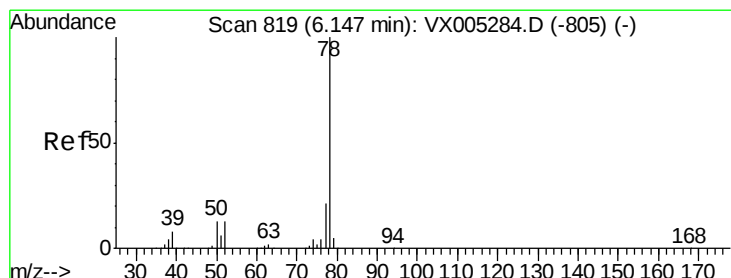
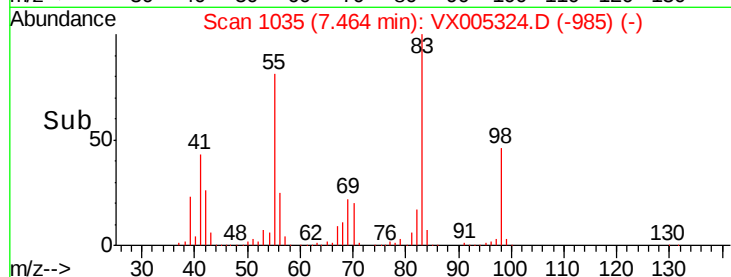
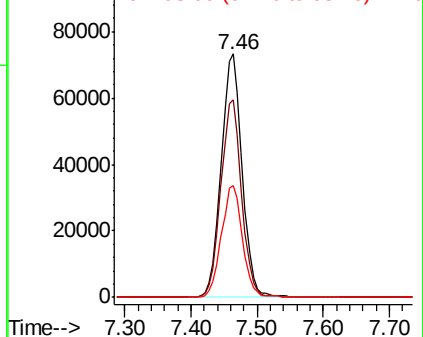
#39
Methvlcvclohexane
Concen: 43.341 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX005324.D
Acq: 13 Oct 2018 05:50

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 83 Resp: 160845
Ion Ratio Lower Upper
83 100
55 81.0 61.0 91.4
98 46.0 39.6 59.4

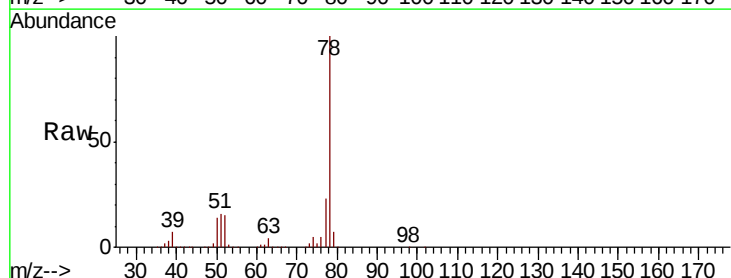


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

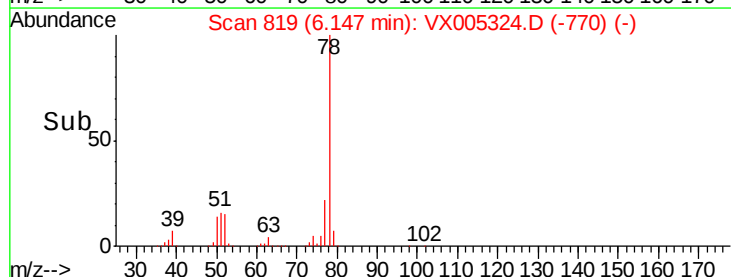
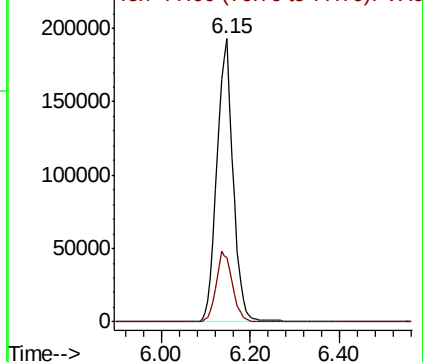


#40
Benzene
Concen: 47.896 ug/l
RT: 6.15 min Scan# 819
Delta R.T. -0.00 min
Lab File: VX005324.D
Acq: 13 Oct 2018 05:50

Tgt Ion: 78 Resp: 492674
Ion Ratio Lower Upper
78 100
77 22.6 19.0 28.4



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

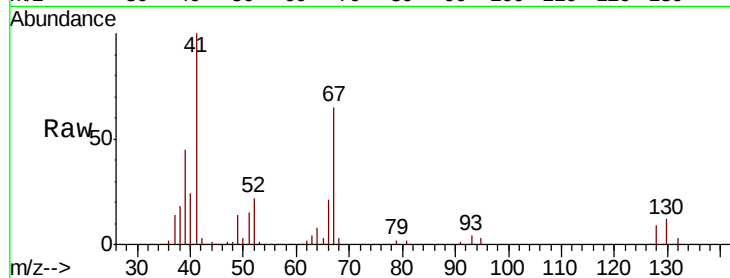




#41
Methacrylonitrile
Concen: 51.705 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX005324.D
Acq: 13 Oct 2018 05:50

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	122238
Ion	Ratio	Lower	Upper
41	100		
39	53.6	42.4	63.6
67	68.6	59.2	88.8
52	26.7	23.0	34.4



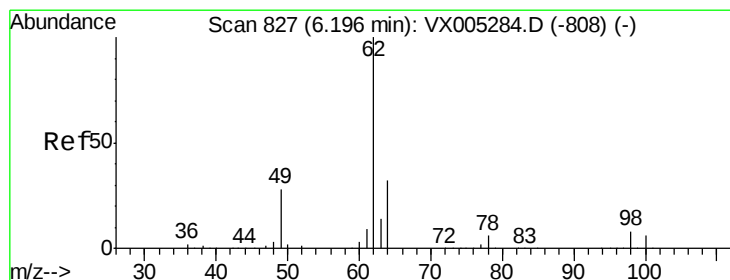
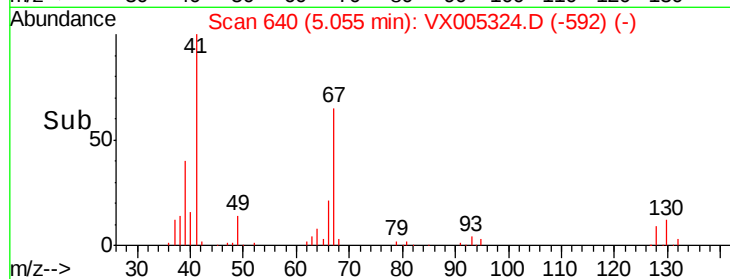
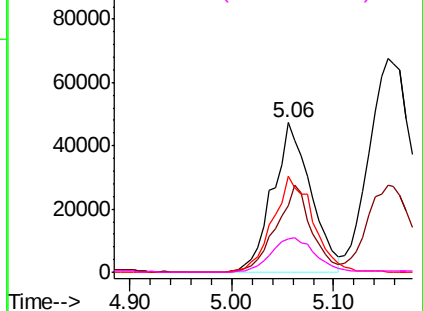
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

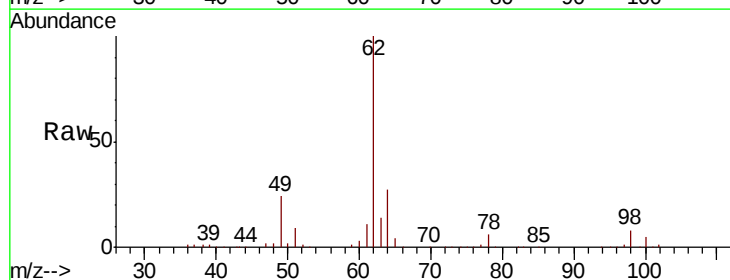
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 50.401 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX005324.D
Acq: 13 Oct 2018 05:50

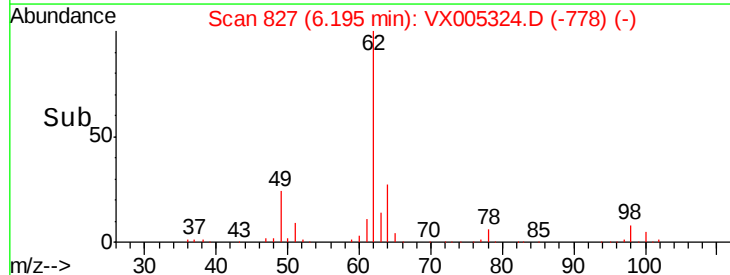
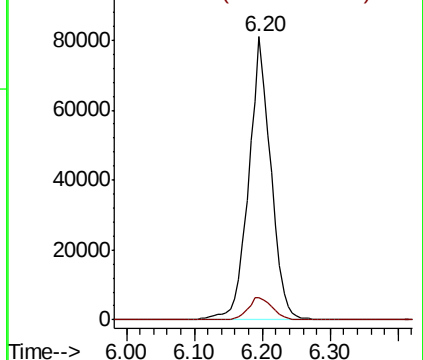
Tgt Ion:	62	Resp:	183063
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	20.6

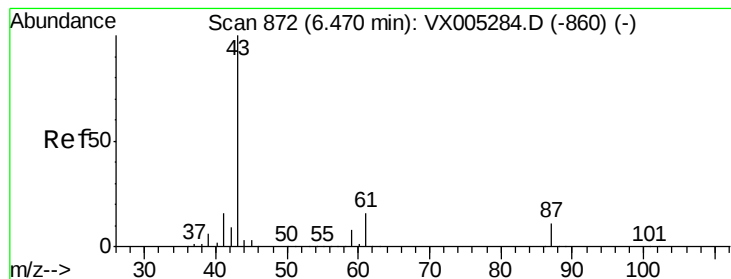


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 47.544 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.01 min

Lab File: VX005324.D

Acq: 13 Oct 2018 05:50

Instrument :

MSVOA_X

ClientSampled :

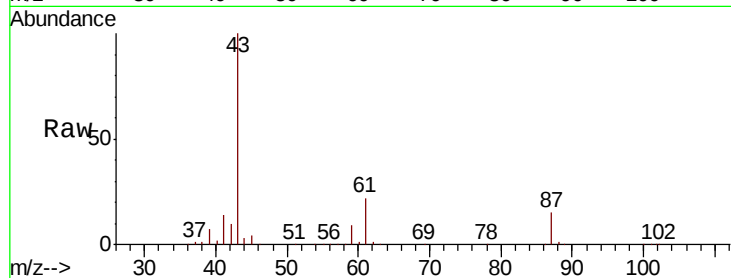
Tot Ion: 43 Resp: 279288

Ion Ratio Lower Upper

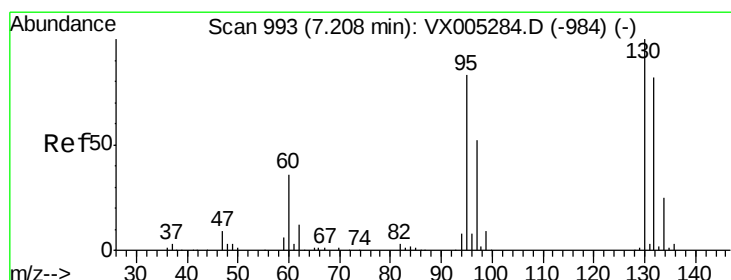
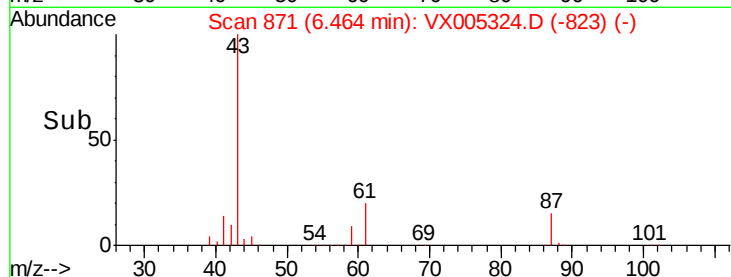
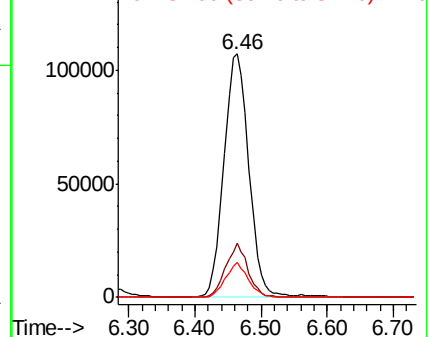
43 100

61 20.0 17.0 25.4

87 13.1 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: 48.022 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.01 min

Lab File: VX005324.D

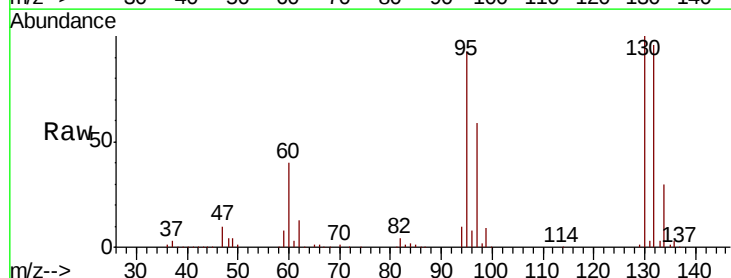
Acq: 13 Oct 2018 05:50

Tgt Ion:130 Resp: 126193

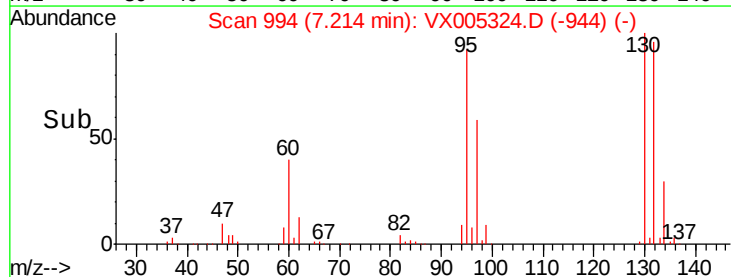
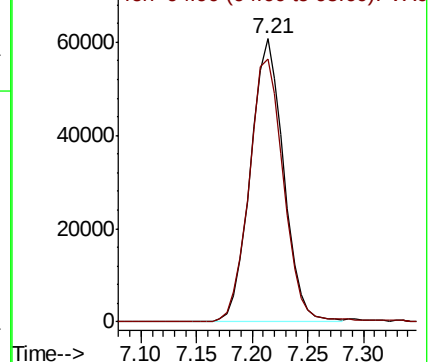
Ion Ratio Lower Upper

130 100

95 92.7 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: 50.724 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX005324.D

Acq: 13 Oct 2018 05:50

Instrument :

MSVOA_X

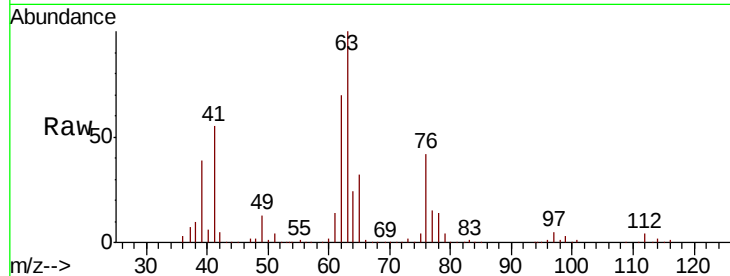
ClientSampleId :

Tot Ion: 63 Resp: 127989

Ion Ratio Lower Upper

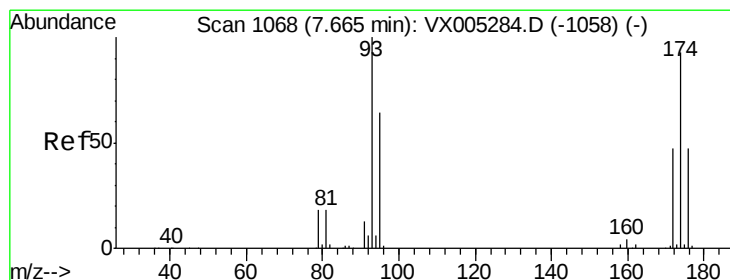
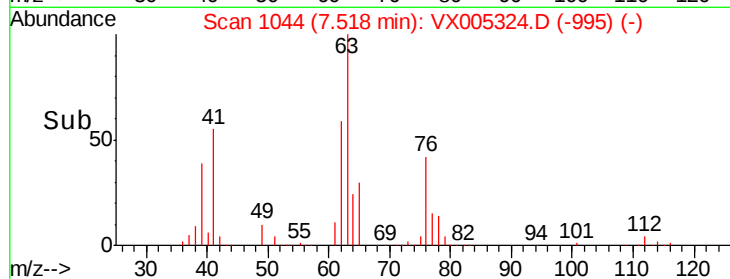
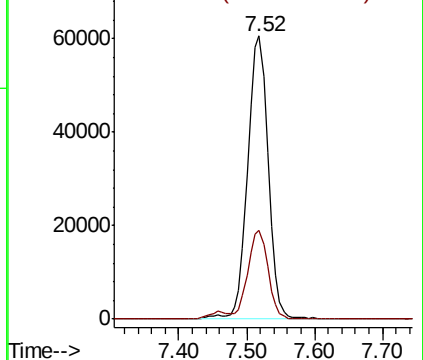
63 100

65 31.5 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 51.174 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. -0.00 min

Lab File: VX005324.D

Acq: 13 Oct 2018 05:50

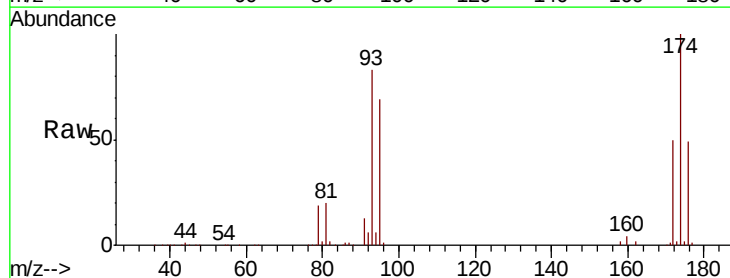
Tgt Ion: 93 Resp: 85222

Ion Ratio Lower Upper

93 100

95 82.5 65.5 98.3

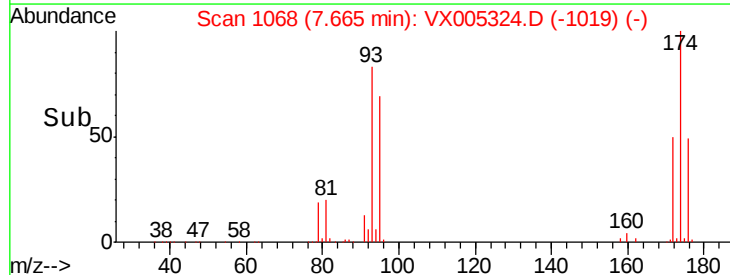
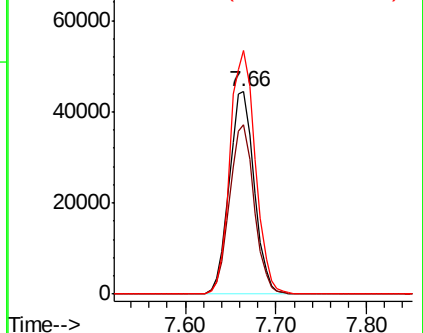
174 121.4 94.2 141.4

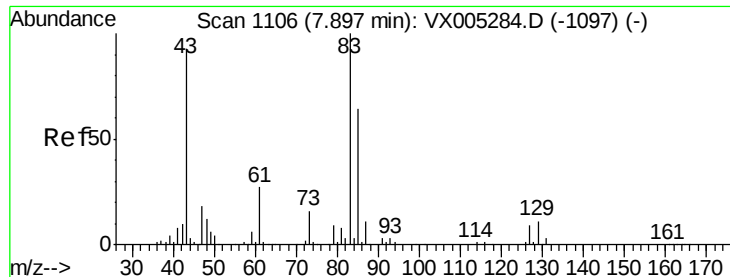


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 52.748 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX005324.D

Acq: 13 Oct 2018 05:50

Instrument :

MSVOA_X

ClientSampled :

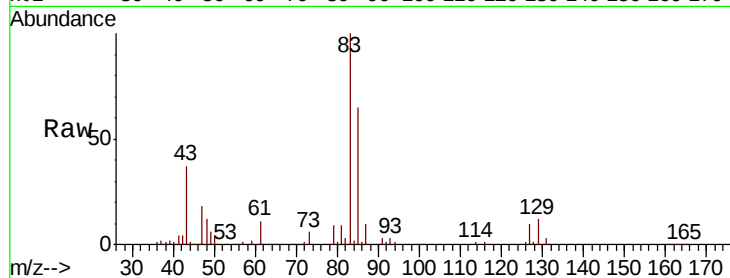
Tot Ion: 83 Resp: 162486

Ion Ratio Lower Upper

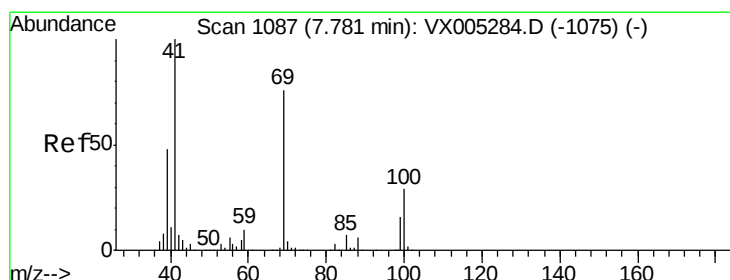
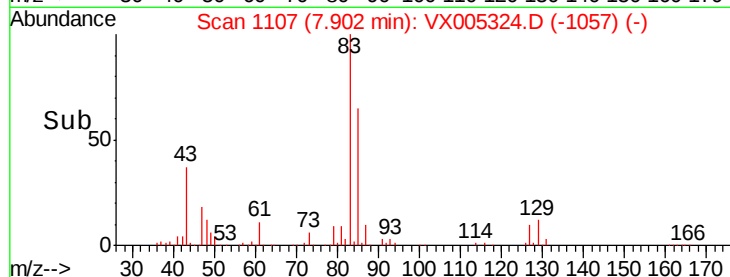
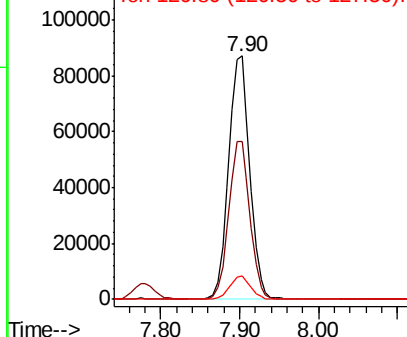
83 100

85 64.6 50.9 76.3

127 9.6 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: 52.899 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX005324.D

Acq: 13 Oct 2018 05:50

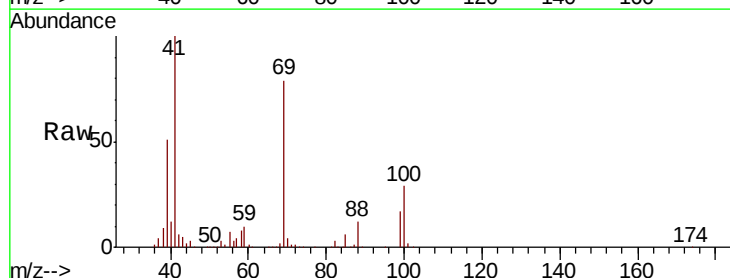
Tgt Ion: 41 Resp: 161165

Ion Ratio Lower Upper

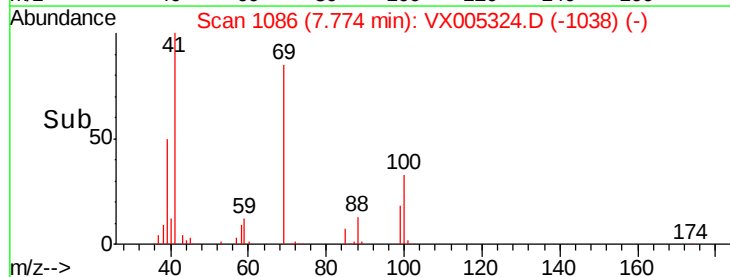
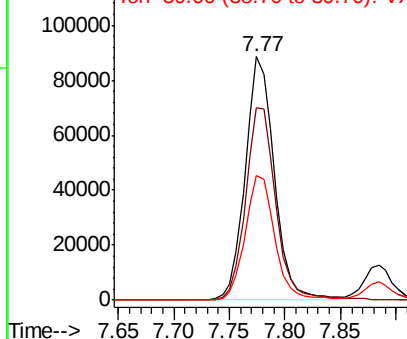
41 100

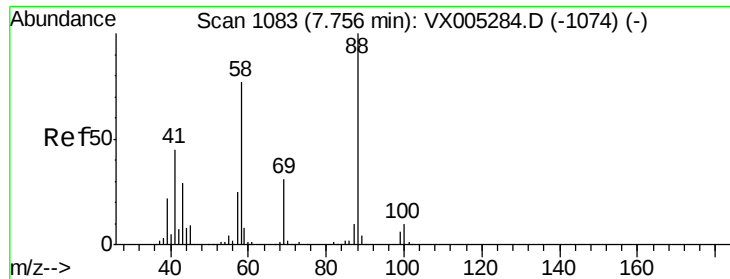
69 82.2 70.2 105.4

39 52.0 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

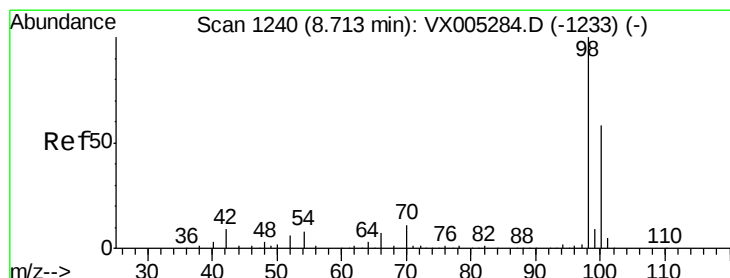
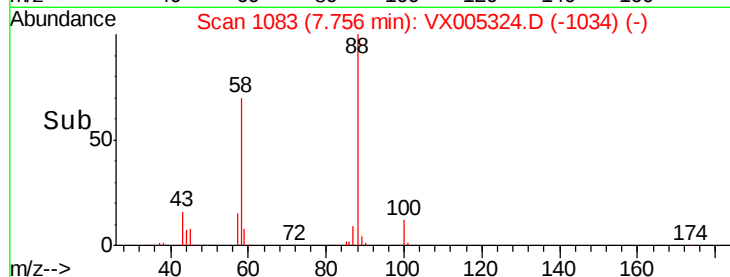
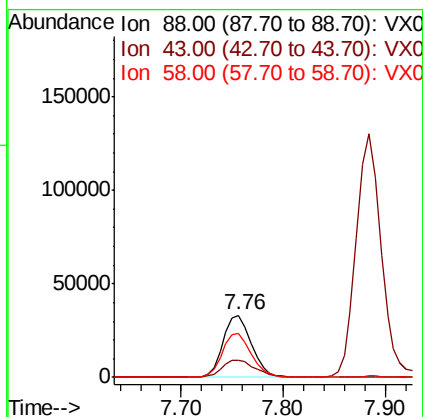
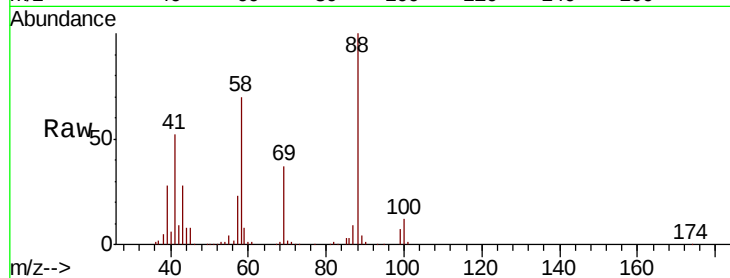




#49
1,4-Dioxane
Concen: 913.005 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX005324.D
Acq: 13 Oct 2018 05:50

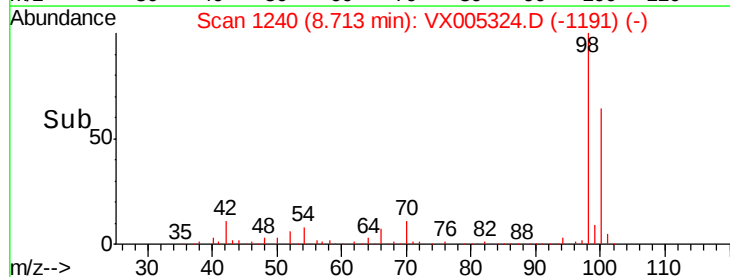
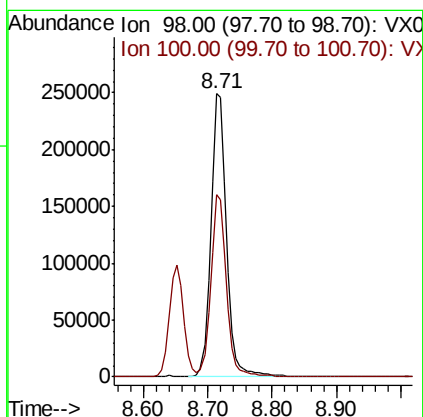
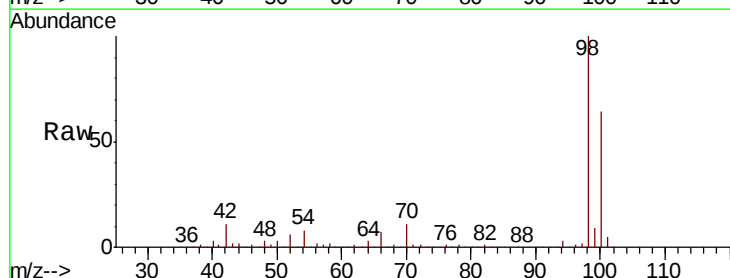
Instrument :
MSVOA_X
ClientSampleId :

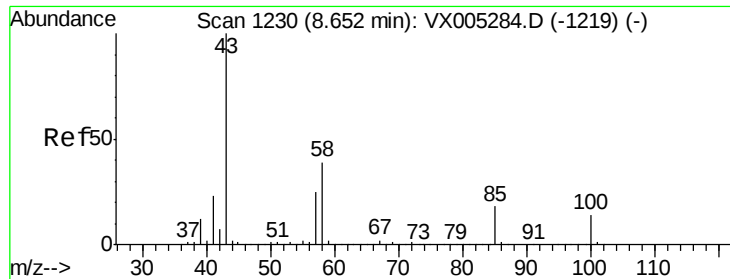
Tot Ion: 88 Resp: 64158
Ion Ratio Lower Upper
88 100
43 34.4 24.7 37.1
58 73.2 55.3 82.9



#50
Toluene-d8
Concen: 52.320 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005324.D
Acq: 13 Oct 2018 05:50

Tgt Ion: 98 Resp: 421202
Ion Ratio Lower Upper
98 100
100 64.1 52.9 79.3

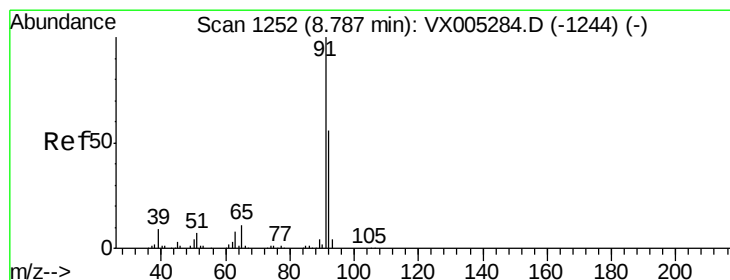
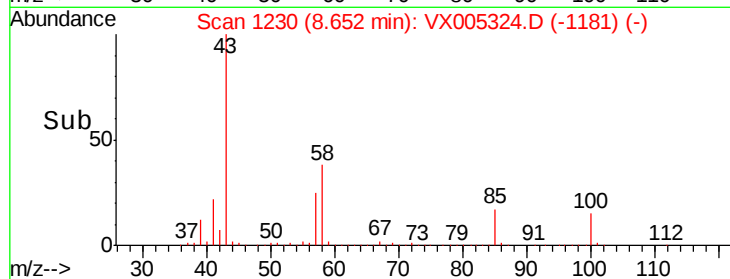
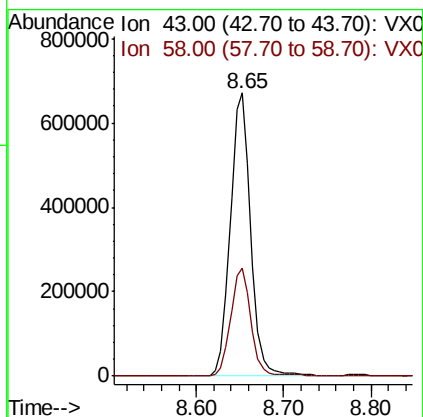
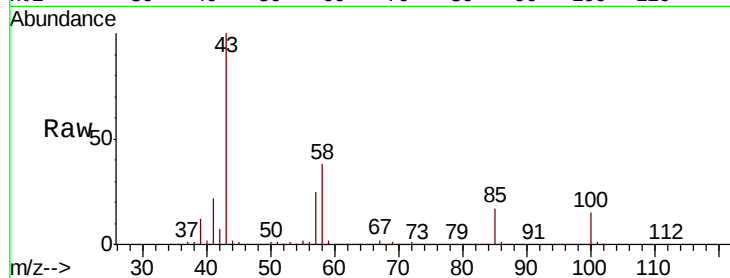




#51
4-Methyl-2-Pentanone
Concen: 268.231 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. -0.00 min
Lab File: VX005324.D
Acq: 13 Oct 2018 05:50

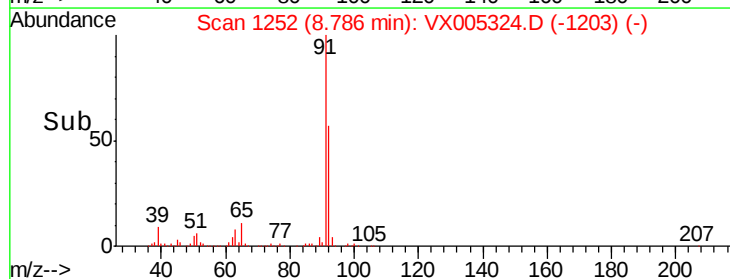
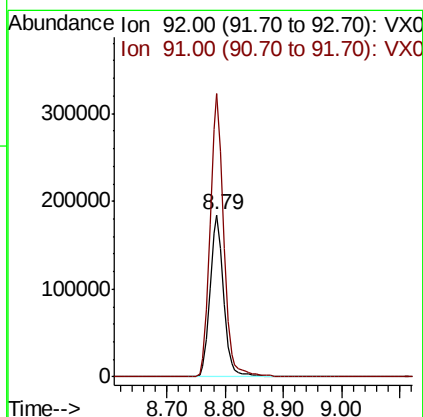
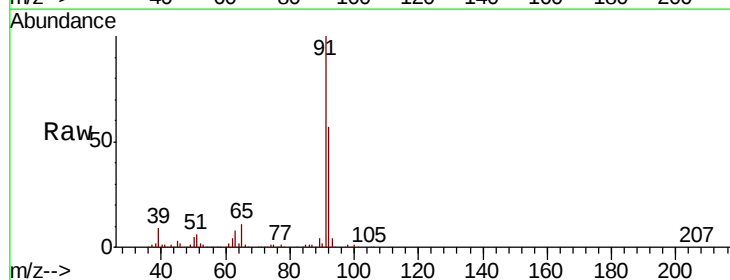
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 1091008
Ion Ratio Lower Upper
43 100
58 38.6 33.1 49.7



#52
Toluene
Concen: 53.343 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX005324.D
Acq: 13 Oct 2018 05:50

Tgt Ion: 92 Resp: 300192
Ion Ratio Lower Upper
92 100
91 175.0 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 51.048 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX005324.D

Acq: 13 Oct 2018 05:50

Instrument :

MSVOA_X

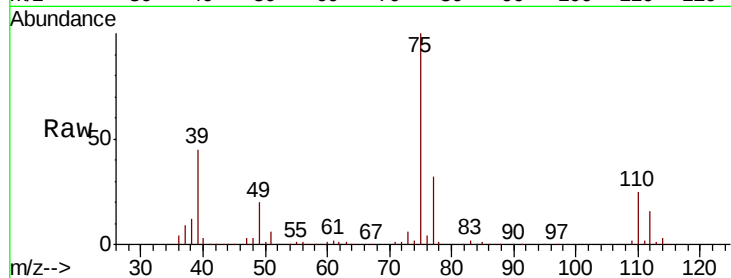
ClientSampled :

Tot Ion: 75 Resp: 170176

Ion Ratio Lower Upper

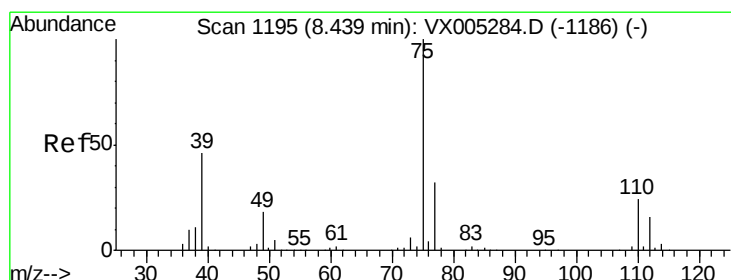
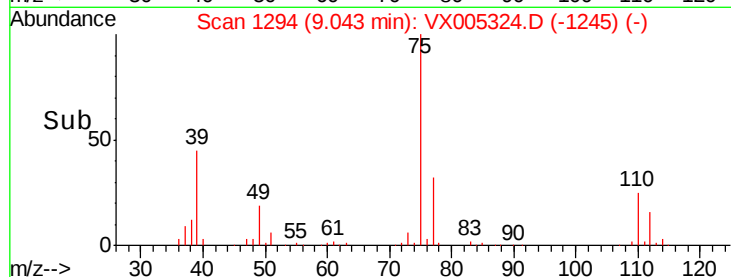
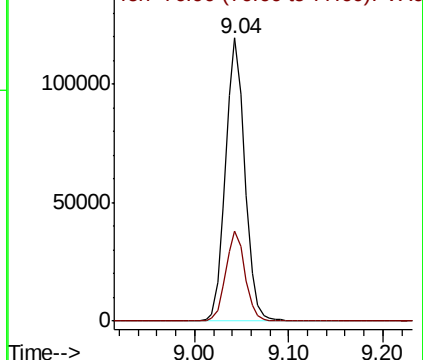
75 100

77 31.7 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: 49.537 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. -0.00 min

Lab File: VX005324.D

Acq: 13 Oct 2018 05:50

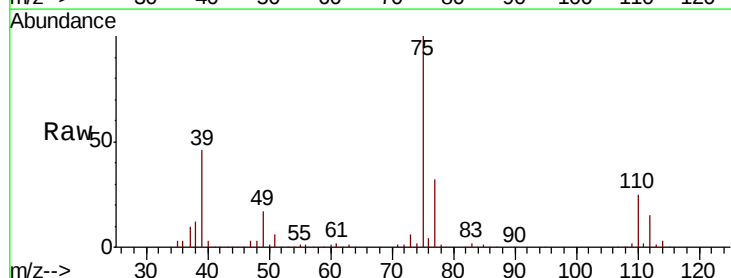
Tgt Ion: 75 Resp: 178933

Ion Ratio Lower Upper

75 100

77 31.6 26.2 39.2

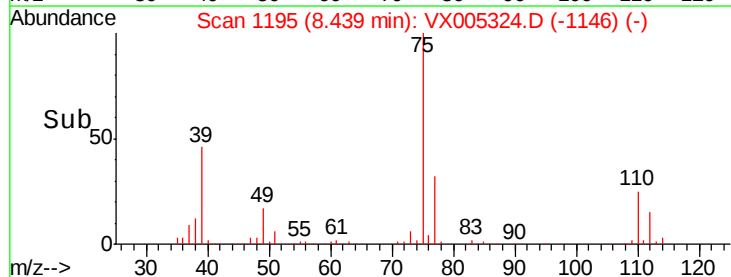
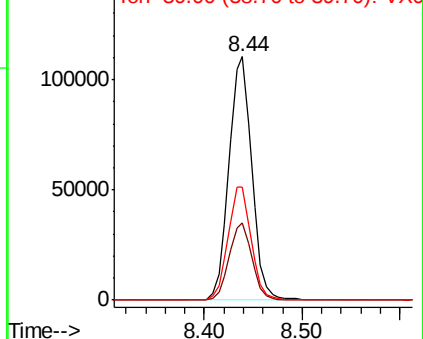
39 46.2 36.4 54.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

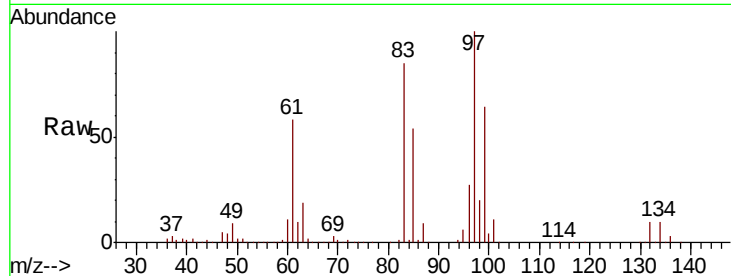




#55
 1,1,2-Trichloroethane
 Concen: 52.723 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX005324.D
 Acq: 13 Oct 2018 05:50

Instrument :
 MSVOA_X
 ClientSampleID :

Tot Ion:	97	Resp:	125669
Ion	Ratio	Lower	Upper
97	100		
83	85.5	66.4	99.6
85	54.3	43.3	64.9
99	63.8	49.0	73.4



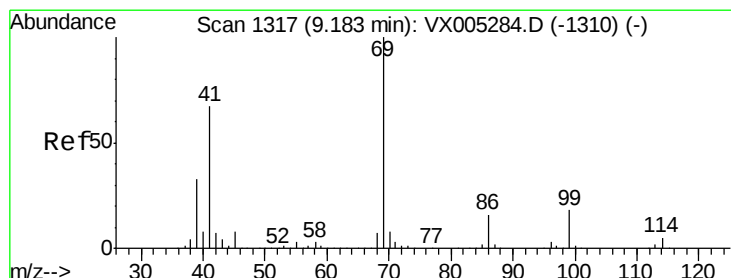
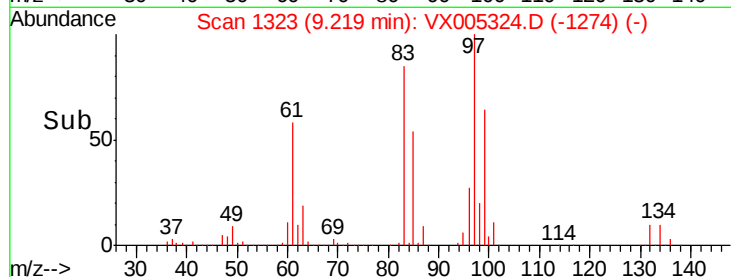
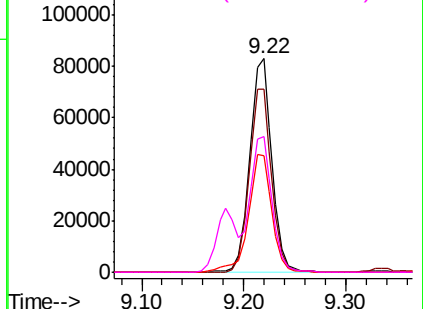
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

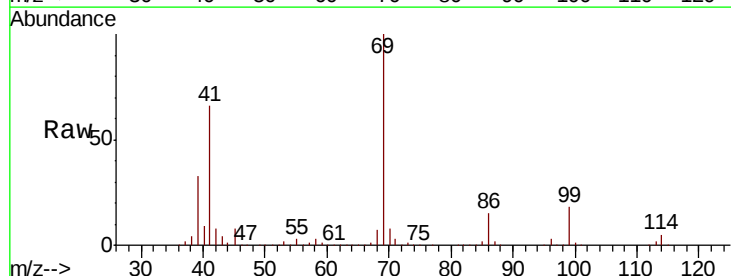
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 57.088 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX005324.D
 Acq: 13 Oct 2018 05:50

Tgt Ion:	69	Resp:	198369
Ion	Ratio	Lower	Upper
69	100		
41	68.1	51.0	76.4
39	33.3	26.1	39.1

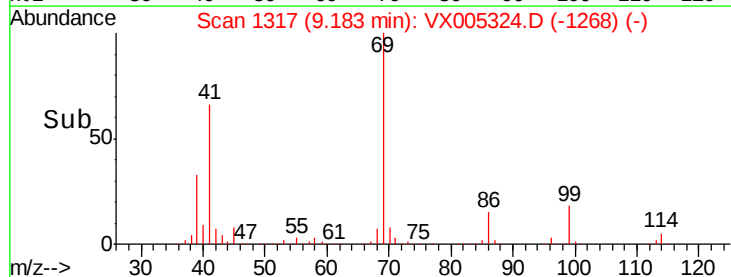
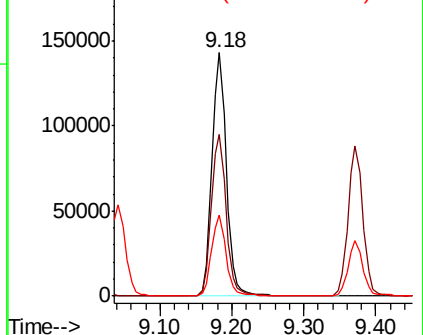


Abundance

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: 53.144 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX005324.D

Acq: 13 Oct 2018 05:50

Instrument :

MSVOA_X

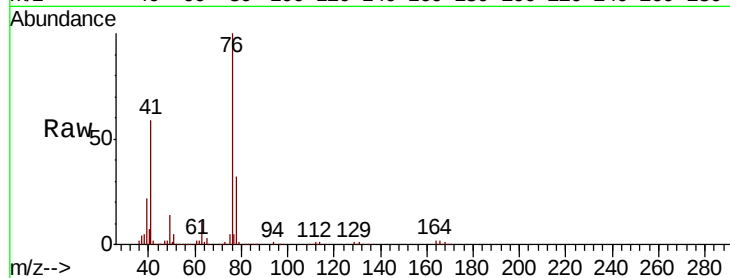
ClientSampleId :

Tot Ion: 76 Resp: 211426

Ion Ratio Lower Upper

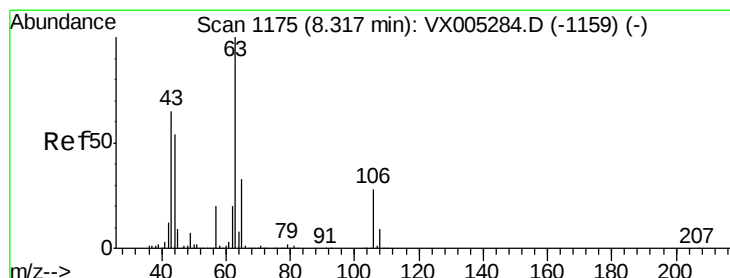
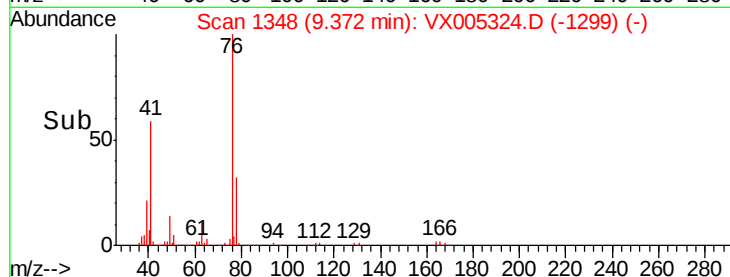
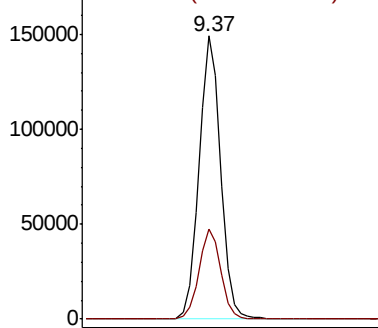
76 100

78 32.2 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 0.861 ug/l

RT: 8.27 min Scan# 1167

Delta R.T. -0.05 min

Lab File: VX005324.D

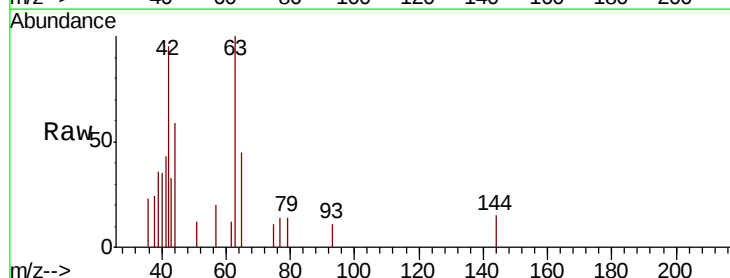
Acq: 13 Oct 2018 05:50

Tgt Ion: 63 Resp: 1677

Ion Ratio Lower Upper

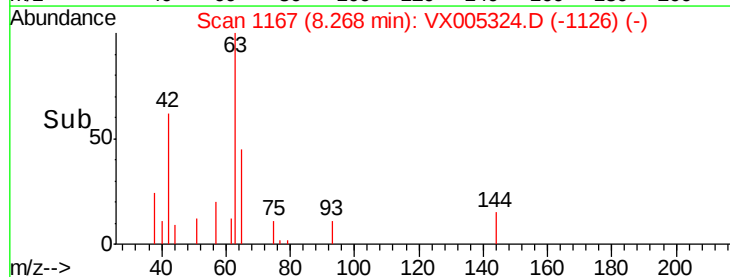
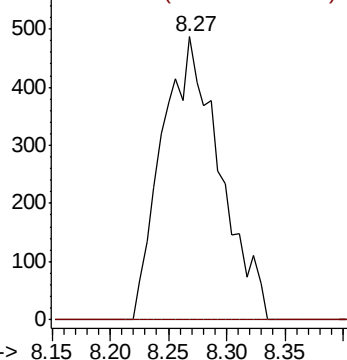
63 100

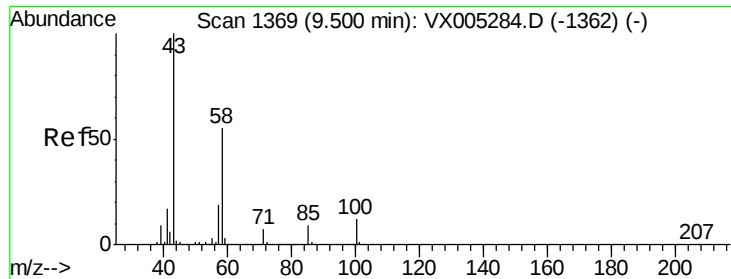
106 0.0 23.9 35.9#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

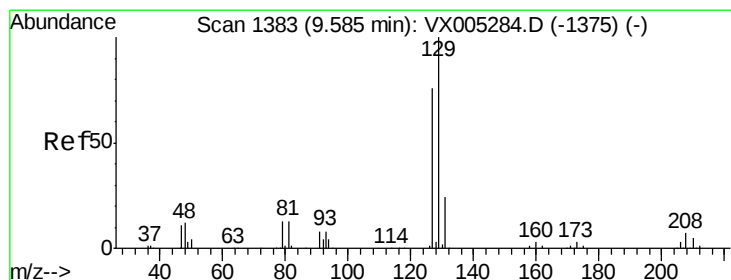
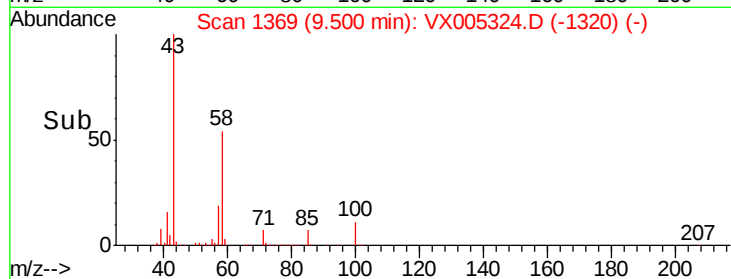
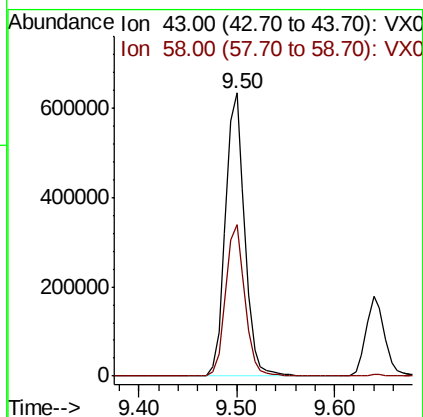
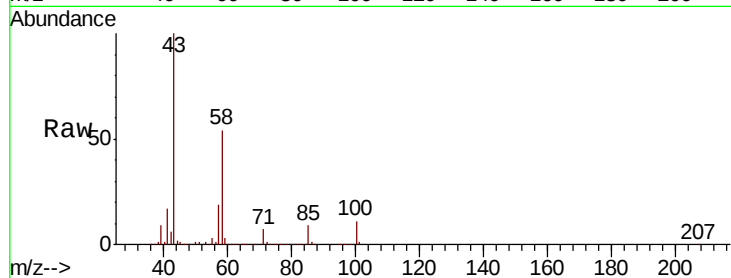




#59
2-Hexanone
Concen: 266.148 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX005324.D
Acq: 13 Oct 2018 05:50

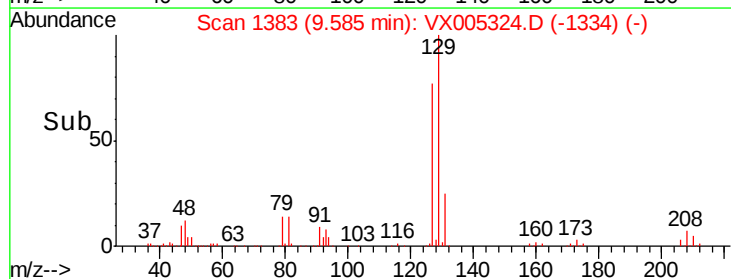
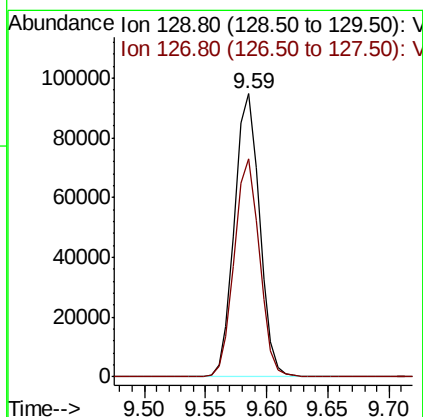
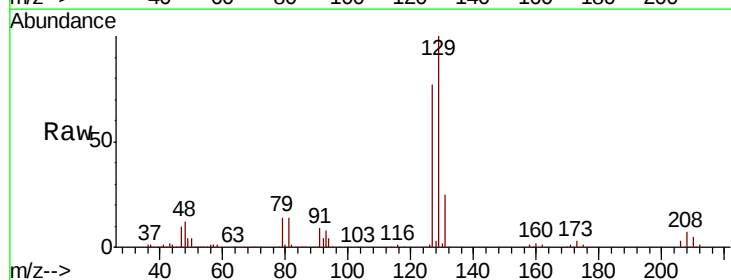
Instrument :
MSVOA_X
ClientSampleId :

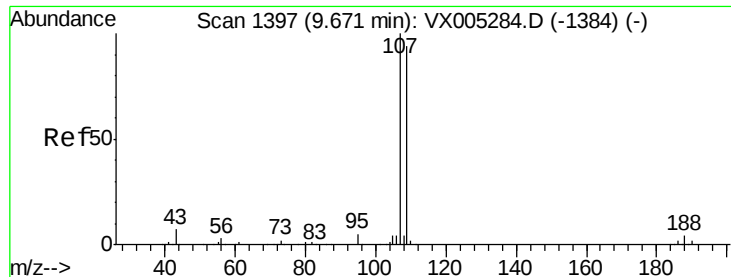
Tot Ion: 43 Resp: 870796
Ion Ratio Lower Upper
43 100
58 53.4 29.0 87.0



#60
Dibromochloromethane
Concen: 54.705 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005324.D
Acq: 13 Oct 2018 05:50

Tgt Ion: 129 Resp: 134783
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.5





#61

1,2-Dibromoethane

Concen: 52.416 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX005324.D

Acq: 13 Oct 2018 05:50

Instrument :

MSVOA_X

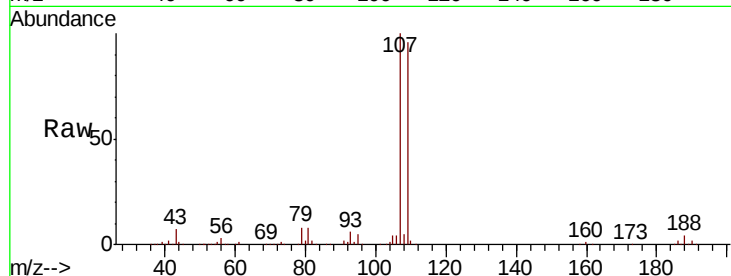
ClientSampleId :

Tot Ion:107 Resp: 131118

Ion Ratio Lower Upper

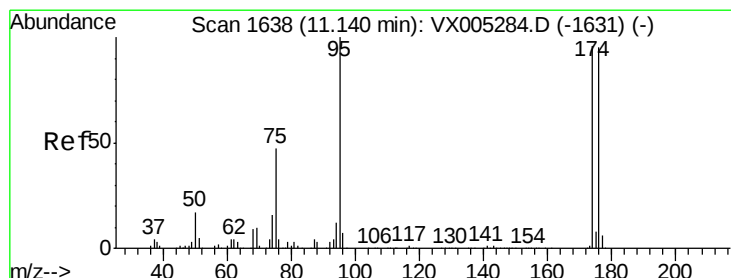
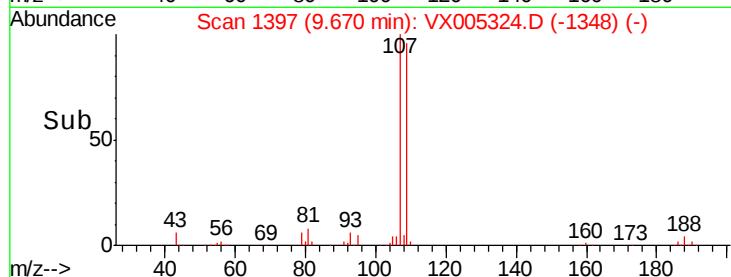
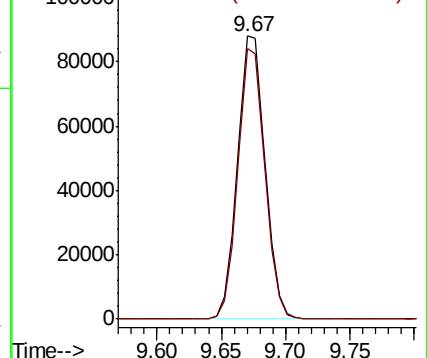
107 100

109 94.5 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: 51.783 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005324.D

Acq: 13 Oct 2018 05:50

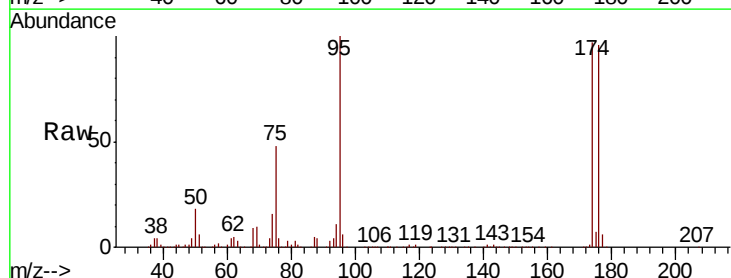
Tgt Ion: 95 Resp: 156606

Ion Ratio Lower Upper

95 100

174 95.3 0.0 185.2

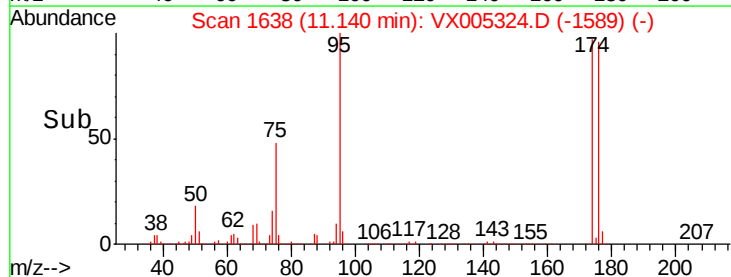
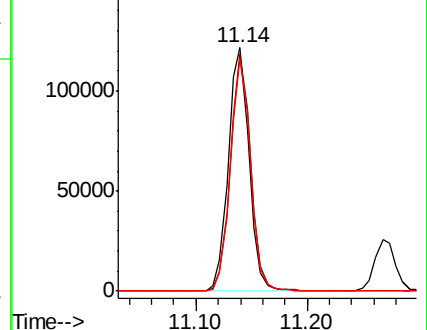
176 92.6 0.0 178.6

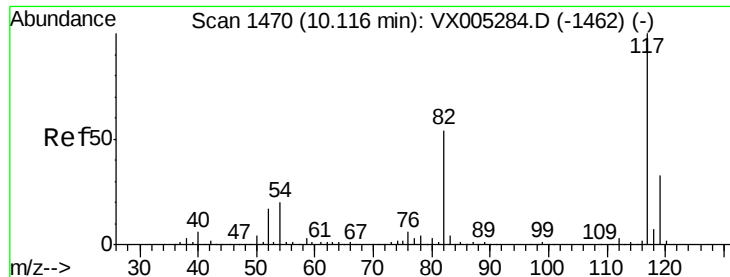


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

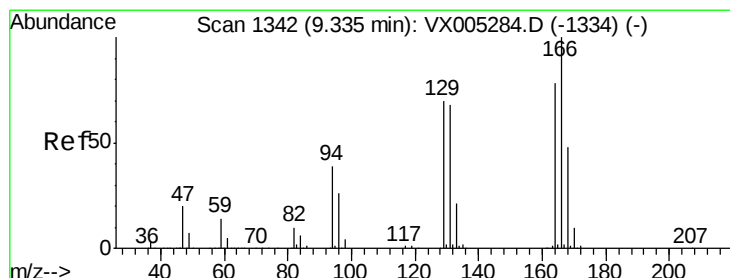
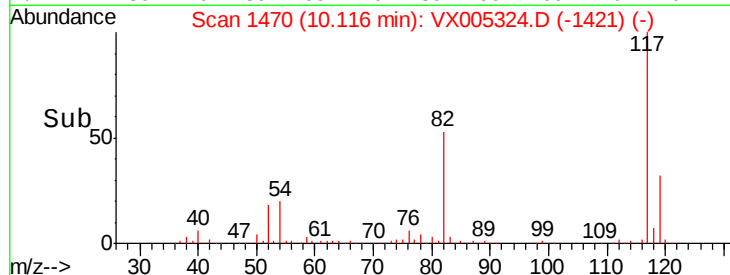
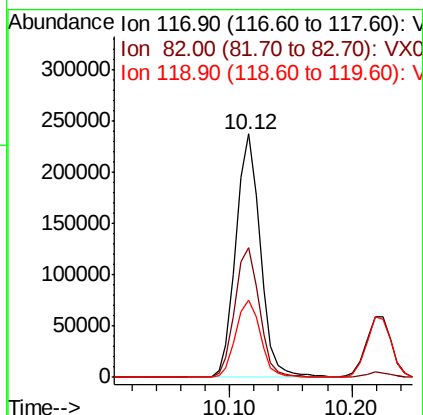
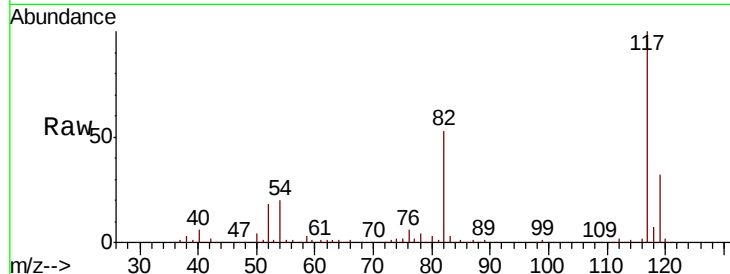




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005324.D
Acq: 13 Oct 2018 05:50

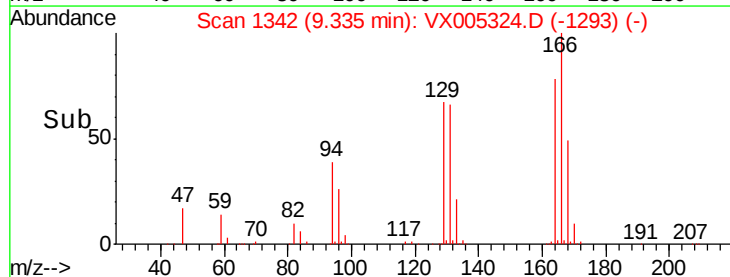
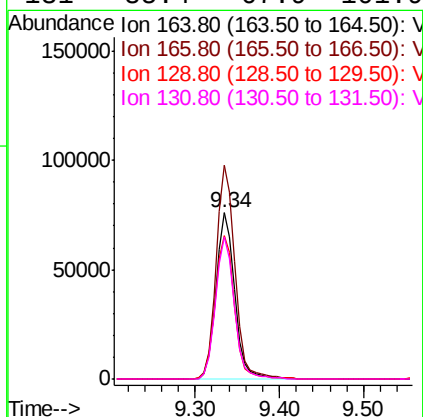
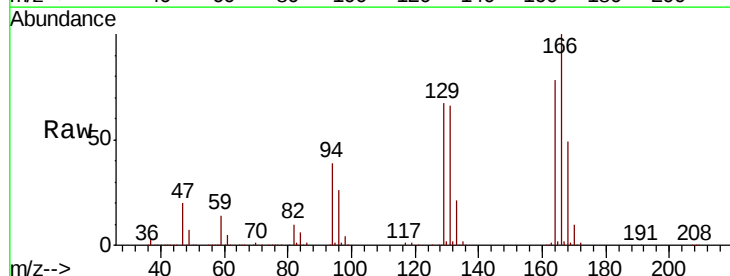
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 327896
Ion Ratio Lower Upper
117 100
82 53.2 47.8 71.6
119 31.7 29.3 43.9



#64
Tetrachloroethene
Concen: 44.599 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005324.D
Acq: 13 Oct 2018 05:50

Tgt Ion:164 Resp: 117730
Ion Ratio Lower Upper
164 100
166 128.5 102.8 154.2
129 86.4 69.4 104.0
131 85.4 67.9 101.9

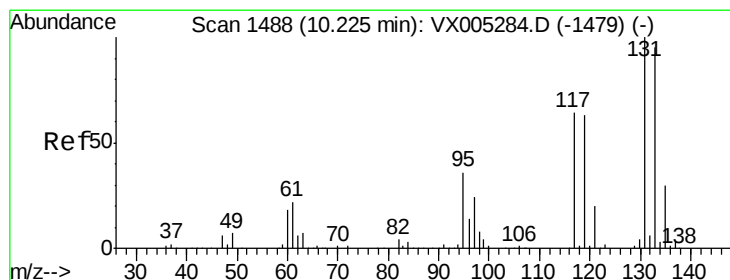
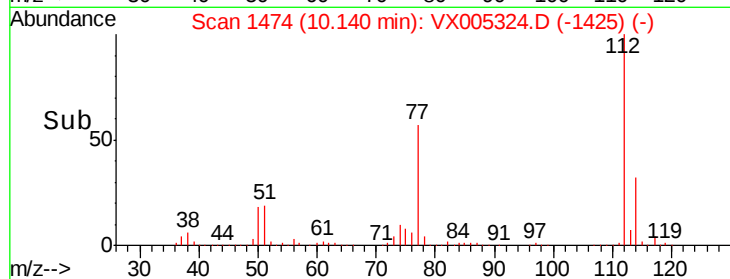
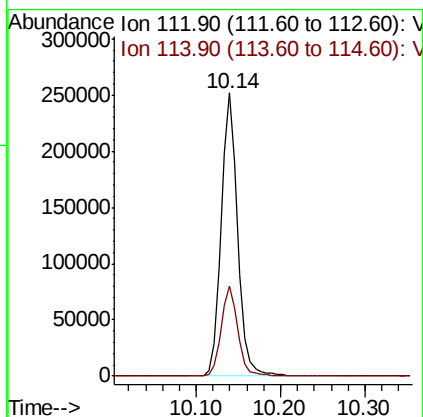
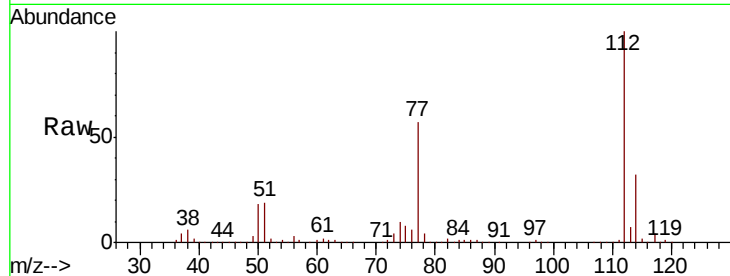




#65
Chlorobenzene
Concen: 48.950 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005324.D
Acq: 13 Oct 2018 05:50

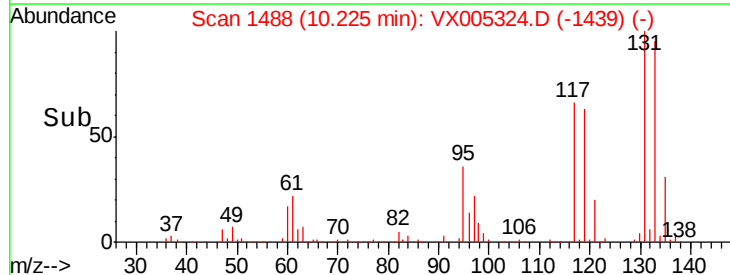
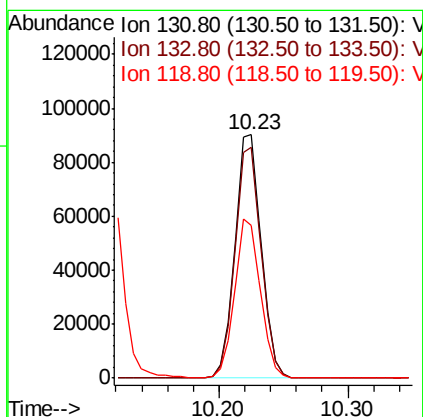
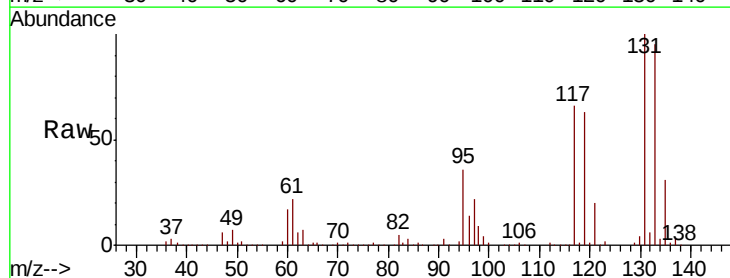
Instrument :
MSVOA_X
ClientSampled :

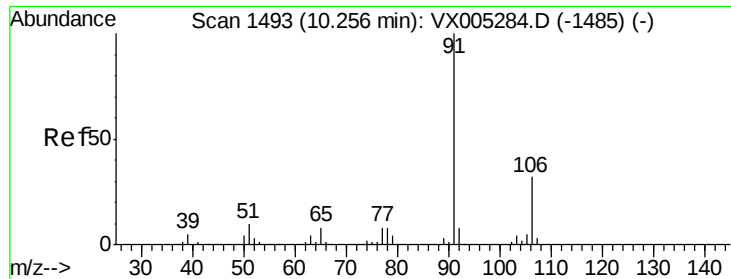
Tot Ion:112 Resp: 341414
Ion Ratio Lower Upper
112 100
114 32.0 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 51.602 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VX005324.D
Acq: 13 Oct 2018 05:50

Tgt Ion:131 Resp: 128258
Ion Ratio Lower Upper
131 100
133 94.9 48.1 144.4
119 64.2 32.9 98.6

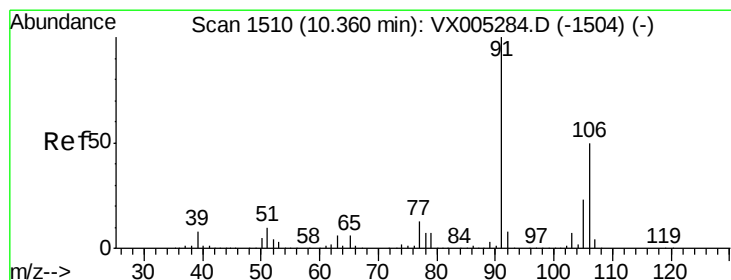
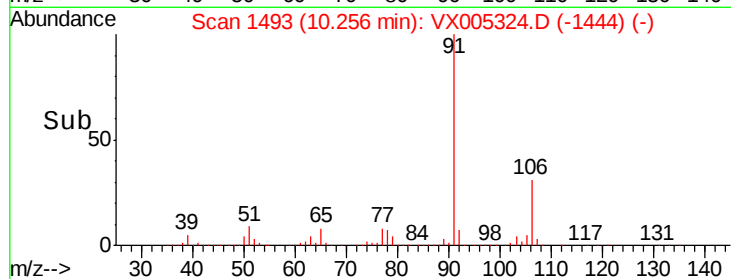
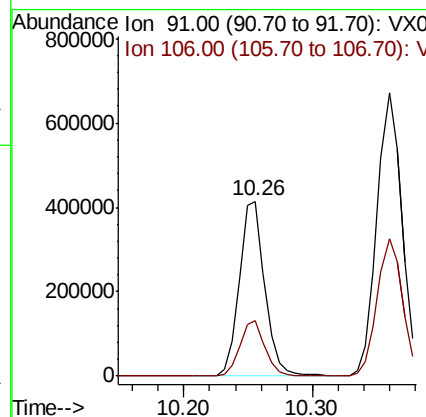
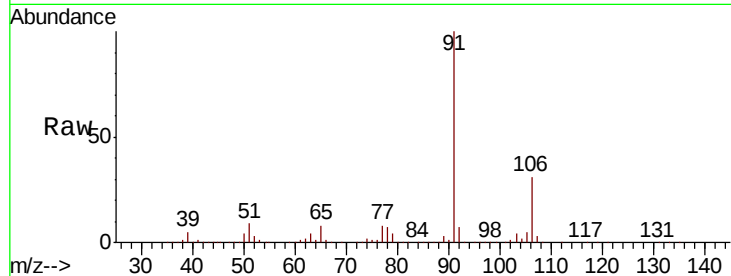




#67
Ethyl Benzene
Concen: 50.561 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VX005324.D
Acq: 13 Oct 2018 05:50

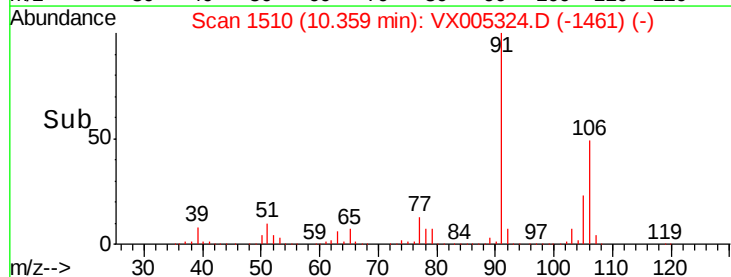
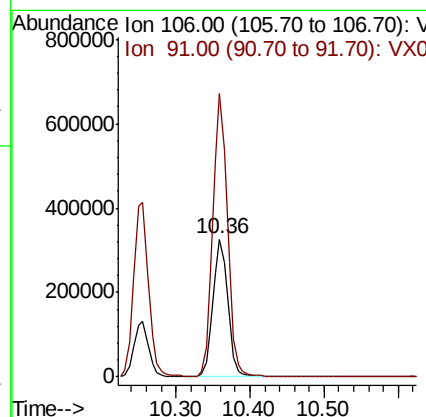
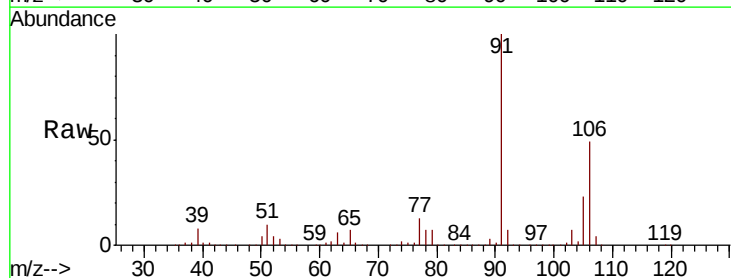
Instrument :
MSVOA_X
ClientSampleId :

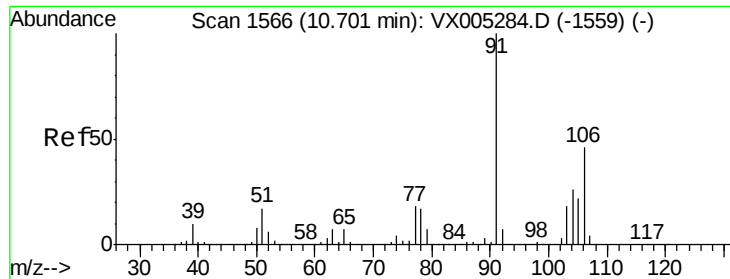
Tot Ion: 91 Resp: 573293
Ion Ratio Lower Upper
91 100
106 31.5 25.9 38.9



#68
m/p-Xylenes
Concen: 101.651 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX005324.D
Acq: 13 Oct 2018 05:50

Tgt Ion: 106 Resp: 447361
Ion Ratio Lower Upper
106 100
91 204.1 157.1 235.7

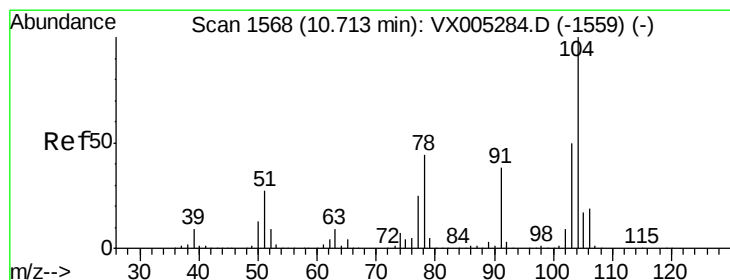
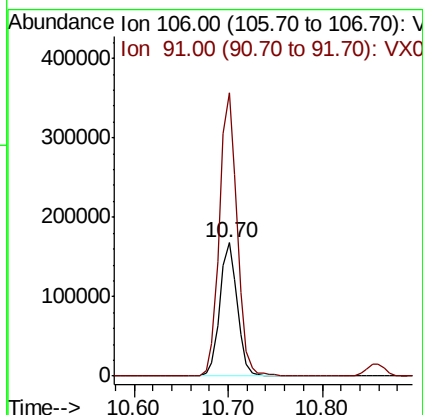
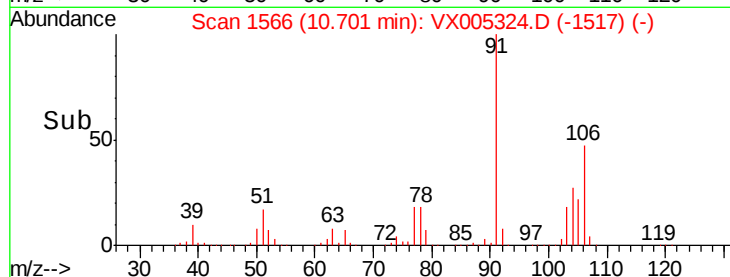
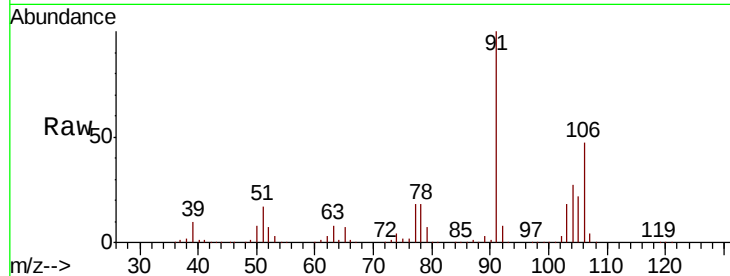




#69
o-Xylene
Concen: 51.186 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005324.D
Acq: 13 Oct 2018 05:50

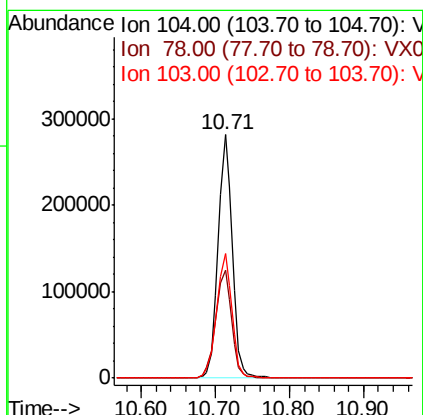
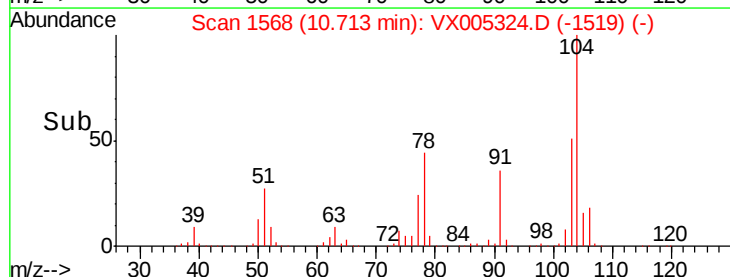
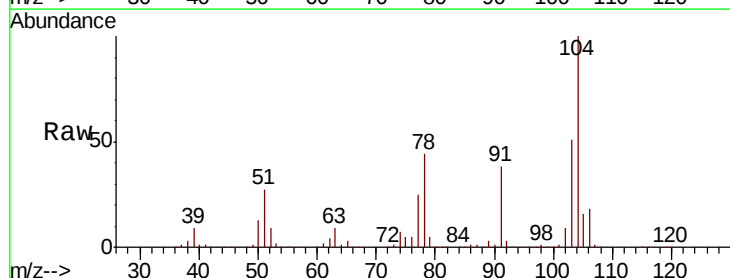
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 217255
Ion Ratio Lower Upper
106 100
91 214.4 105.1 315.1



#70
Styrene
Concen: 52.861 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005324.D
Acq: 13 Oct 2018 05:50

Tgt Ion:104 Resp: 369034
Ion Ratio Lower Upper
104 100
78 49.8 37.4 56.0
103 55.4 43.8 65.6





#71

Bromoform

Concen: 51.923 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005324.D

Acq: 13 Oct 2018 05:50

Instrument :

MSVOA_X

ClientSampled :

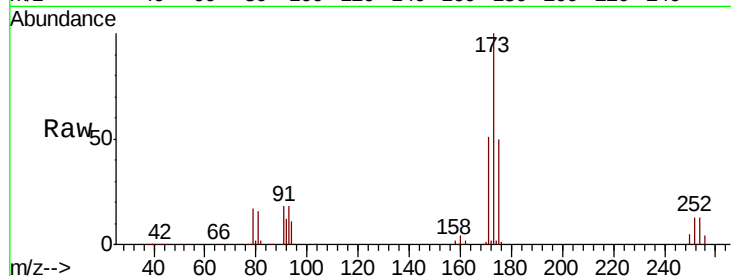
Tot Ion:173 Resp: 115328

Ion Ratio Lower Upper

173 100

175 48.8 24.1 72.3

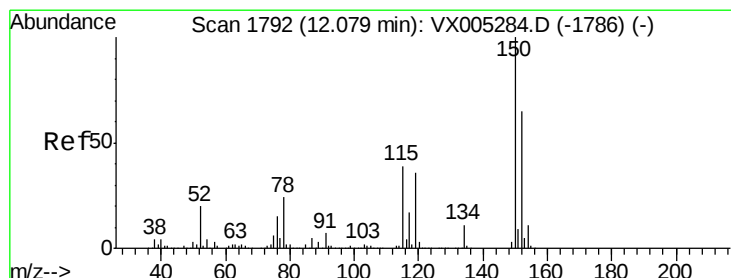
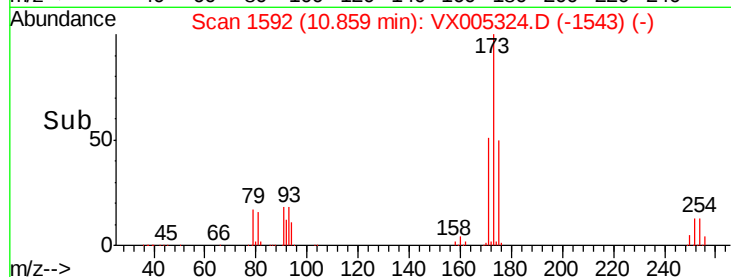
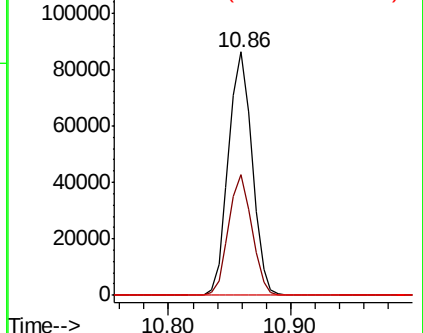
254 0.2 0.2 0.2



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: VX005324.D

Acq: 13 Oct 2018 05:50

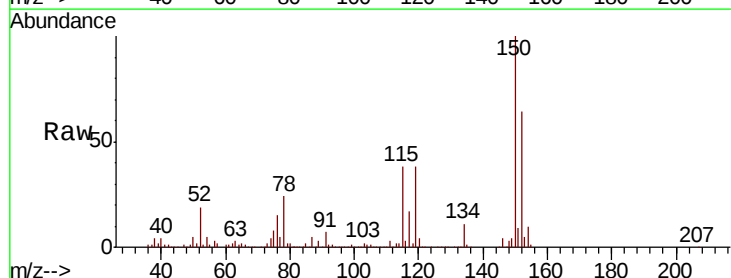
Tgt Ion:152 Resp: 185682

Ion Ratio Lower Upper

152 100

115 77.1 39.0 117.0

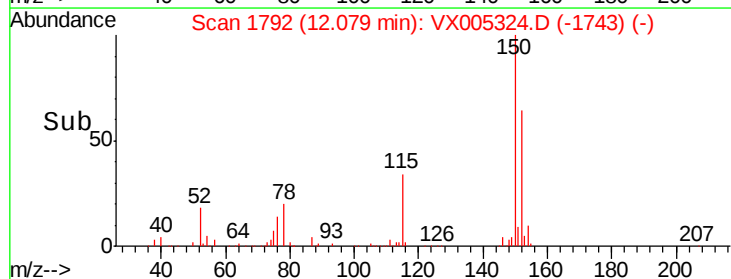
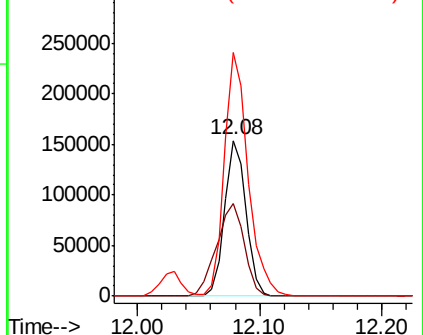
150 173.8 0.0 351.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

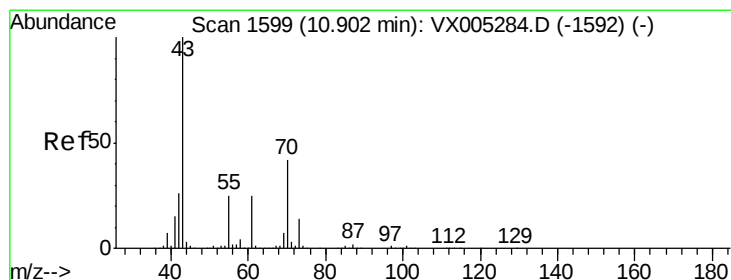
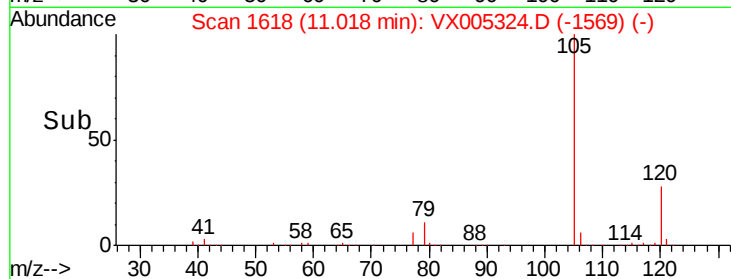
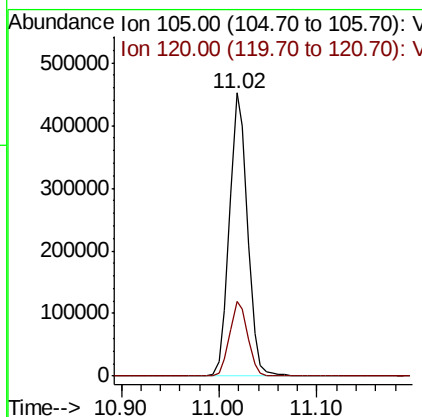
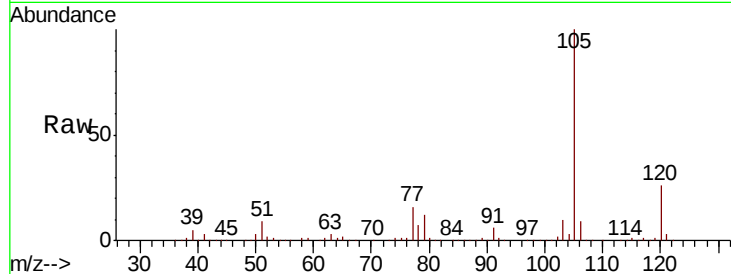




#73
Isopropylbenzene
Concen: 52.678 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX005324.D
Acq: 13 Oct 2018 05:50

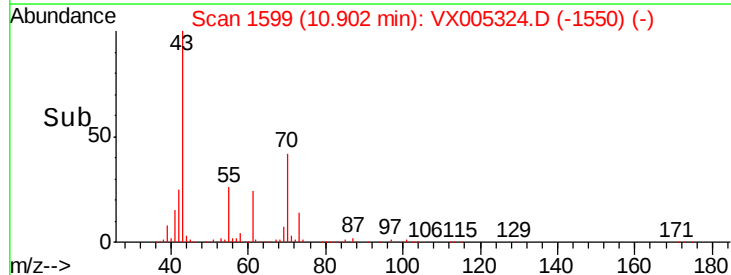
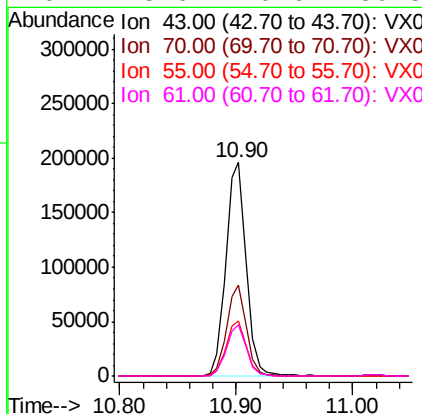
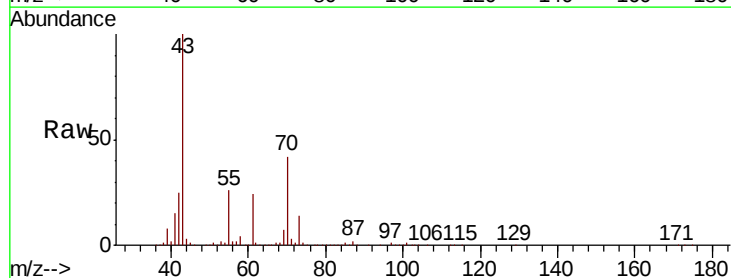
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:105 Resp: 581470
Ion Ratio Lower Upper
105 100
120 26.5 13.5 40.4



#74
N-ethyl acetate
Concen: 44.263 ug/l
RT: 10.90 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VX005324.D
Acq: 13 Oct 2018 05:50

Tgt Ion: 43 Resp: 235654
Ion Ratio Lower Upper
43 100
70 41.5 37.4 56.0
55 25.9 21.8 32.8
61 23.6 20.6 30.8





#75

1,1,2,2-Tetrachloroethane

Concen: 51.549 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005324.D

Acq: 13 Oct 2018 05:50

Instrument :

MSVOA_X

ClientSampleId :

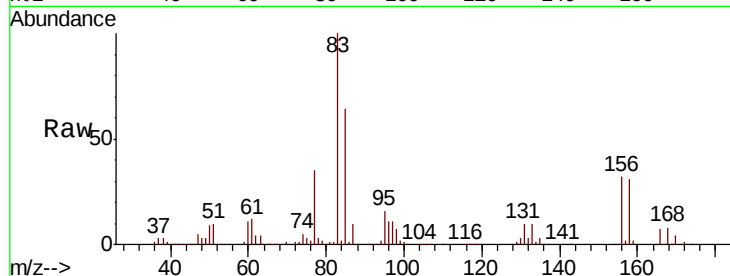
Tot Ion: 83 Resp: 214649

Ion Ratio Lower Upper

83 100

131 10.6 5.2 15.6

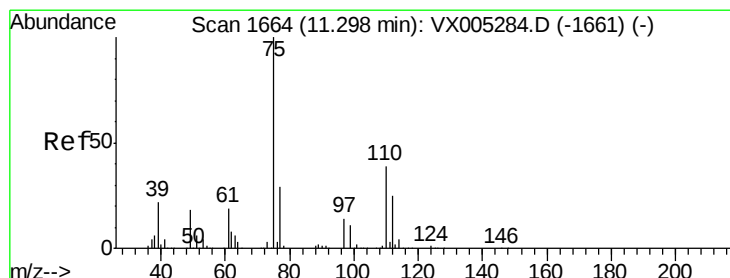
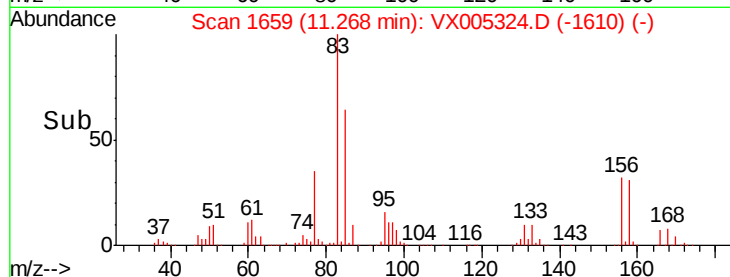
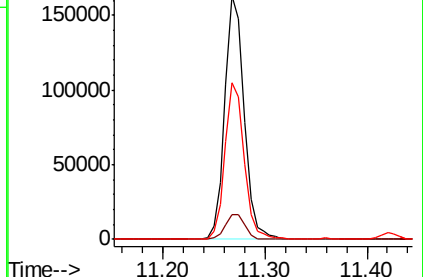
85 64.0 32.3 96.8



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: 65.061 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX005324.D

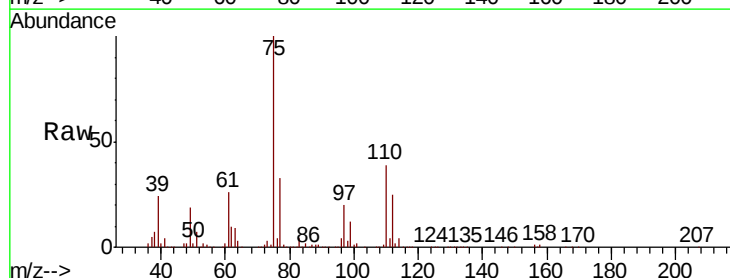
Acq: 13 Oct 2018 05:50

Tgt Ion: 75 Resp: 234332

Ion Ratio Lower Upper

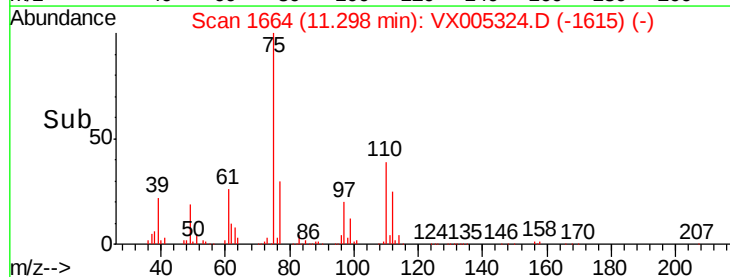
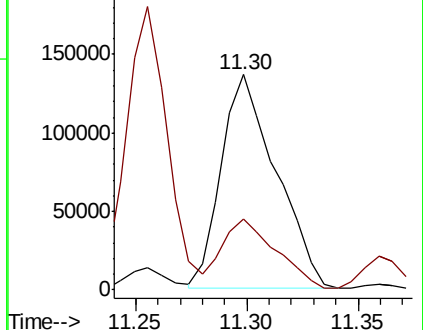
75 100

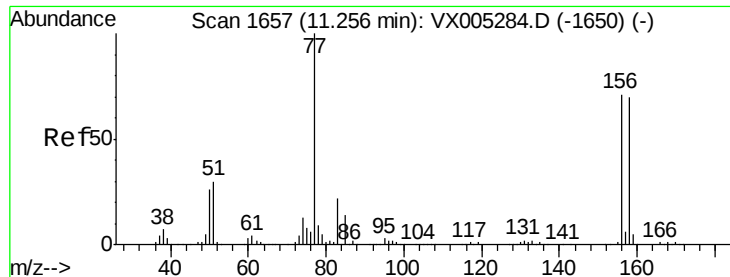
77 32.8 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 52.224 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005324.D

Acq: 13 Oct 2018 05:50

Instrument :

MSVOA_X

ClientSampleId :

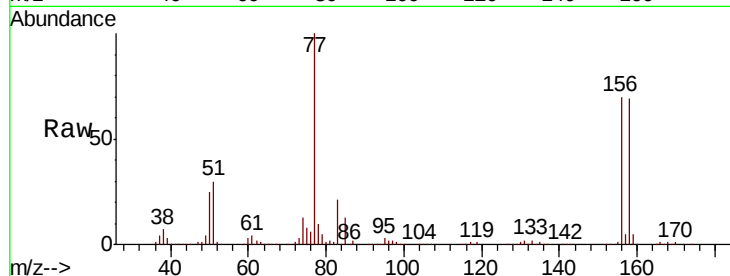
Tot Ion:156 Resp: 164825

Ion Ratio Lower Upper

156 100

77 140.8 71.5 214.3

158 96.2 48.9 146.8

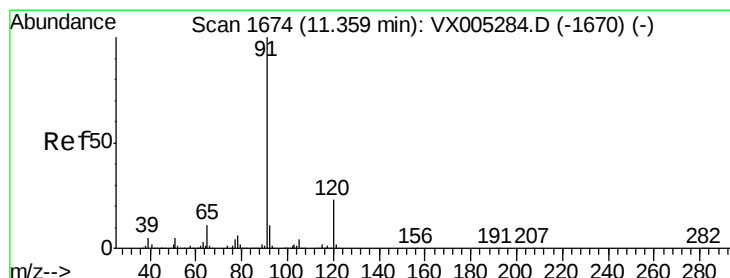
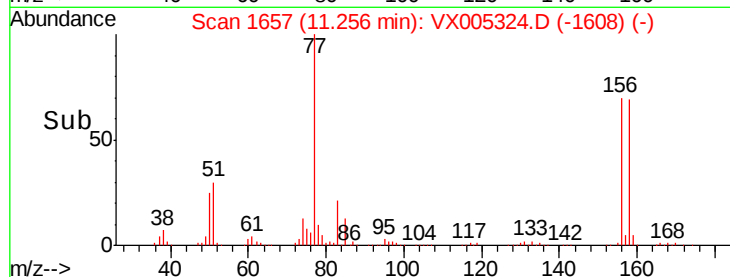
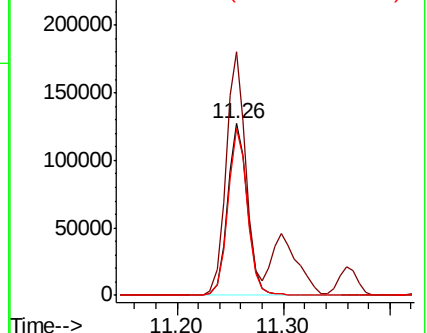


Abundance

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: 51.670 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005324.D

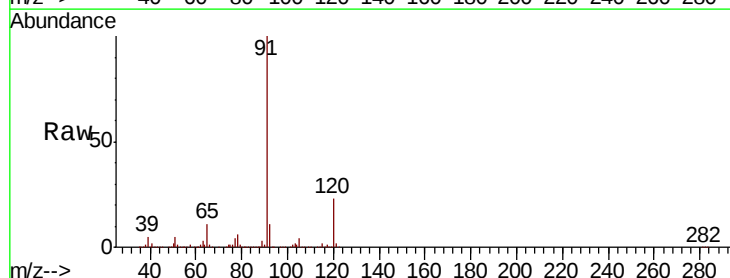
Acq: 13 Oct 2018 05:50

Tgt Ion: 91 Resp: 656321

Ion Ratio Lower Upper

91 100

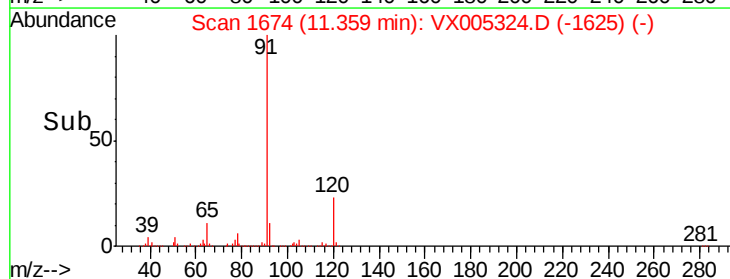
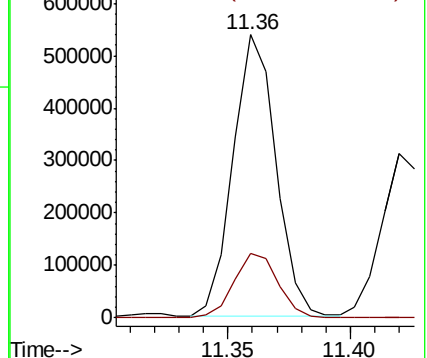
120 23.8 11.9 35.9

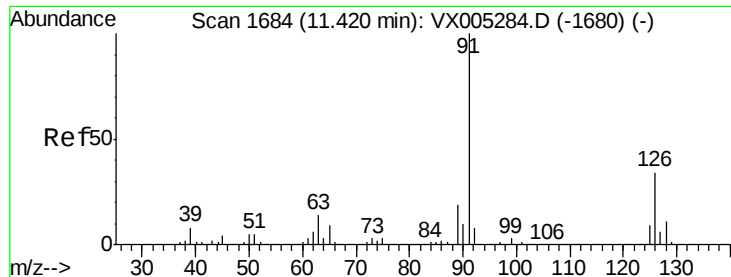


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.471 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX005324.D

Acq: 13 Oct 2018 05:50

Instrument :

MSVOA_X

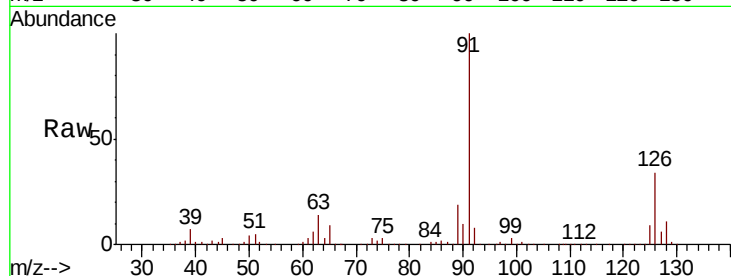
ClientSampled :

Tot Ion: 91 Resp: 400403

Ion Ratio Lower Upper

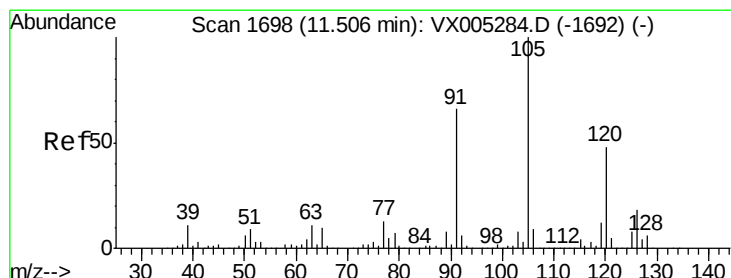
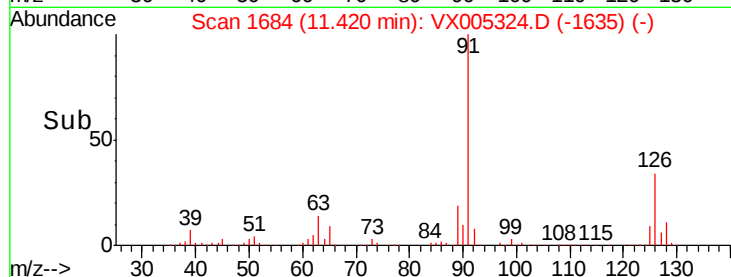
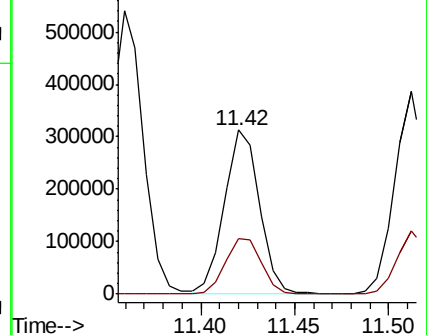
91 100

126 35.5 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 52.696 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX005324.D

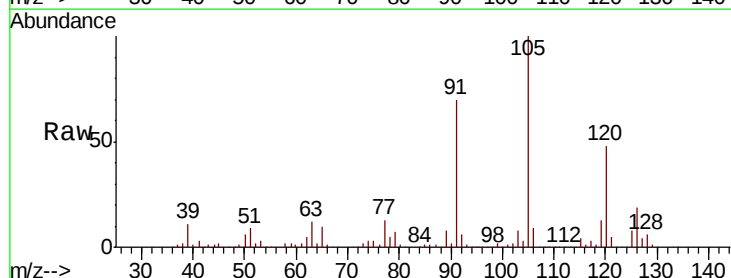
Acq: 13 Oct 2018 05:50

Tgt Ion:105 Resp: 498112

Ion Ratio Lower Upper

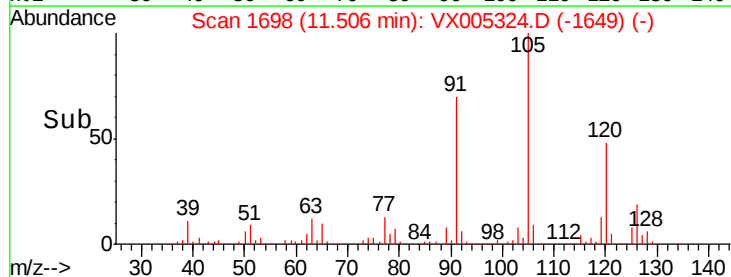
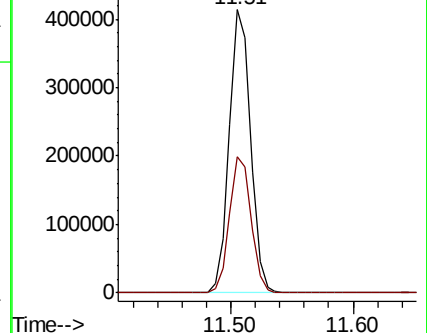
105 100

120 49.0 25.6 76.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 43.971 ug/l

RT: 11.08 min Scan# 1628

Delta R.T. 0.01 min

Lab File: VX005324.D

Acq: 13 Oct 2018 05:50

Instrument :

MSVOA_X

ClientSampleId :

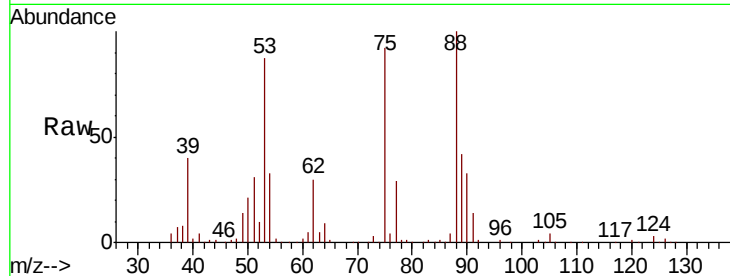
Tot Ion: 75 Resp: 52122

Ion Ratio Lower Upper

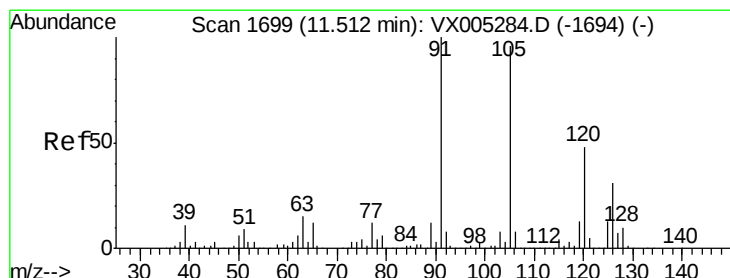
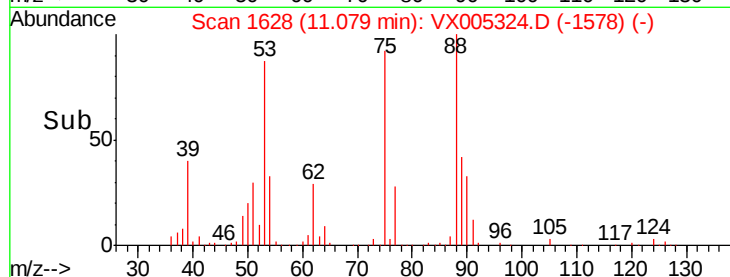
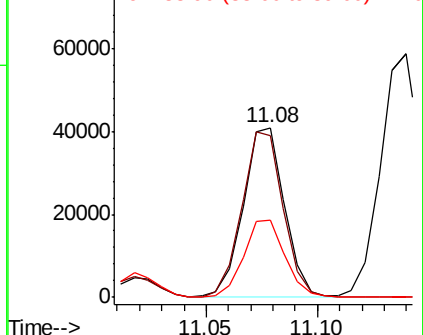
75 100

53 98.4 80.1 120.1

89 46.9 37.2 55.8



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



#82

4-Chlorotoluene

Concen: 51.549 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005324.D

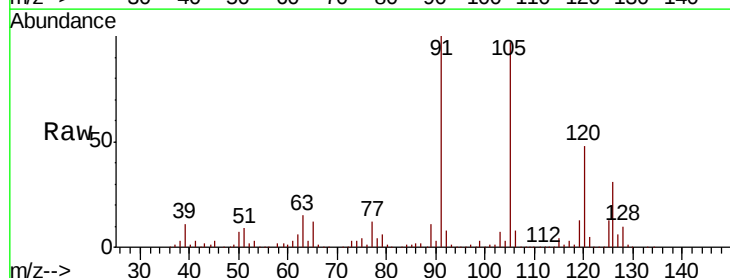
Acq: 13 Oct 2018 05:50

Tgt Ion: 91 Resp: 475366

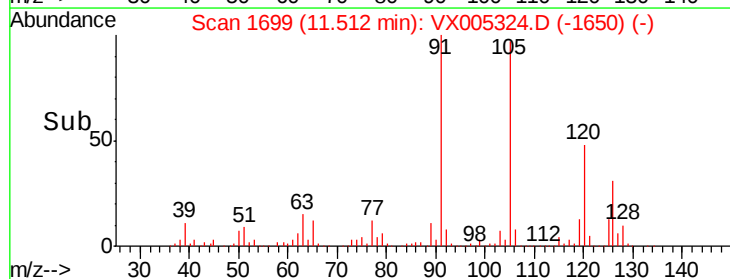
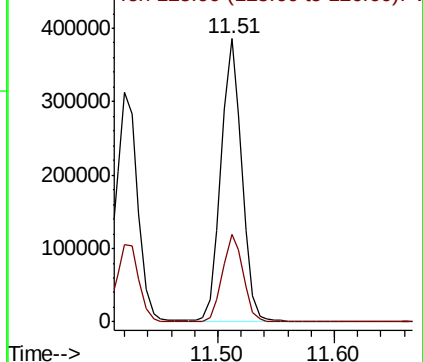
Ion Ratio Lower Upper

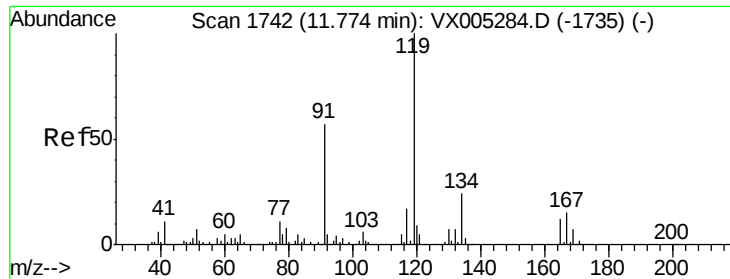
91 100

126 30.8 15.5 46.5



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

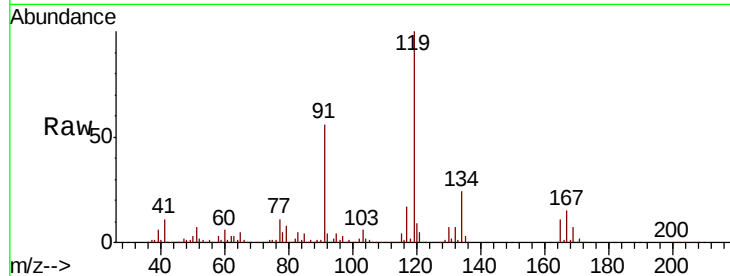




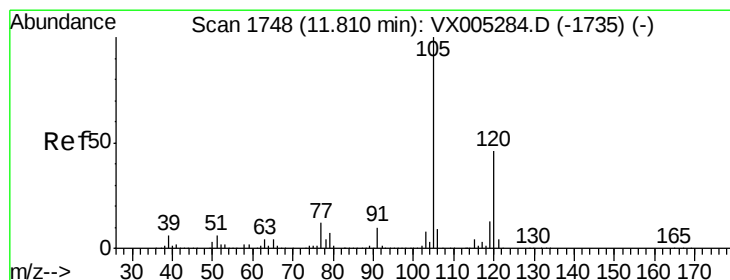
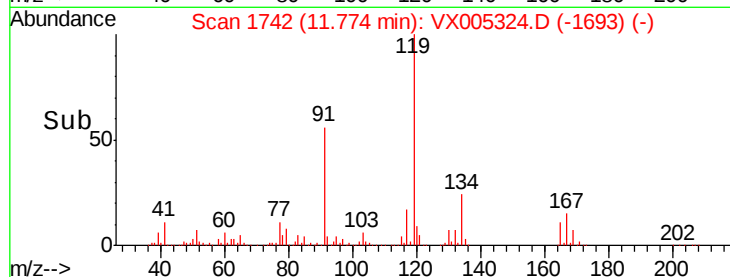
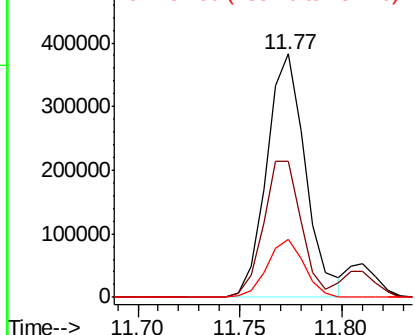
#83
tert-Butylbenzene
Concen: 53.034 ug/l
RT: 11.77 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX005324.D
Acq: 13 Oct 2018 05:50

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:119 Resp: 507645
Ion Ratio Lower Upper
119 100
91 54.7 27.0 81.0
134 22.9 11.7 35.1

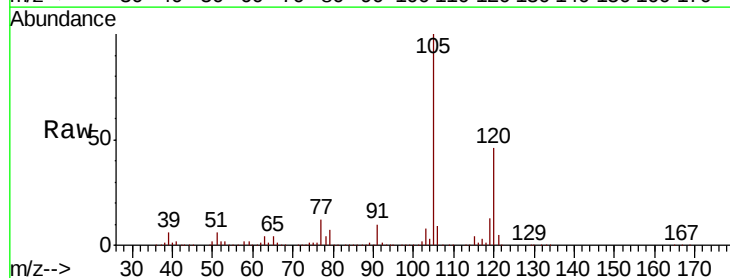


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V

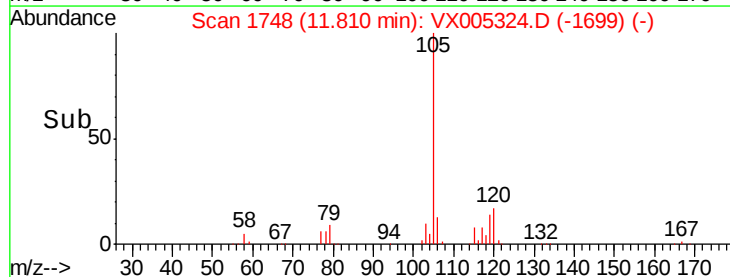
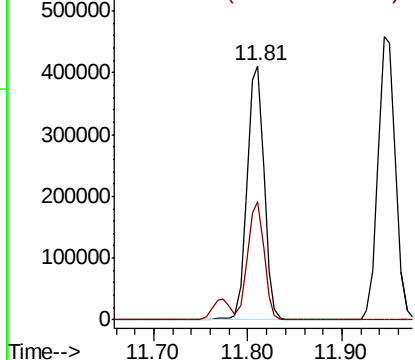


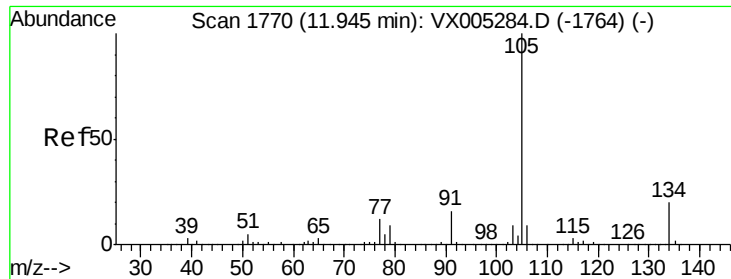
#84
1,2,4-Trimethylbenzene
Concen: 53.142 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VX005324.D
Acq: 13 Oct 2018 05:50

Tgt Ion:105 Resp: 516943
Ion Ratio Lower Upper
105 100
120 45.1 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: 51.750 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX005324.D

Acq: 13 Oct 2018 05:50

Instrument :

MSVOA_X

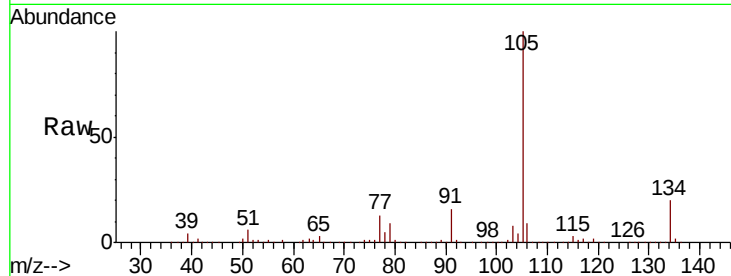
ClientSampleId :

Tot Ion:105 Resp: 586211

Ion Ratio Lower Upper

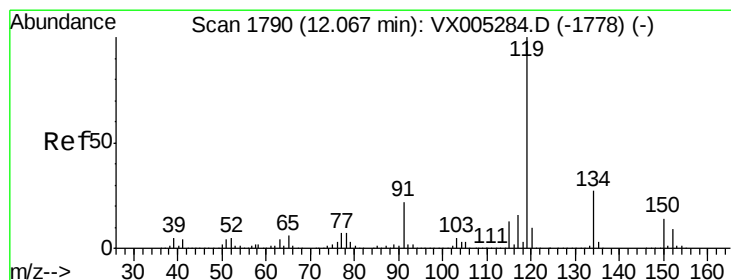
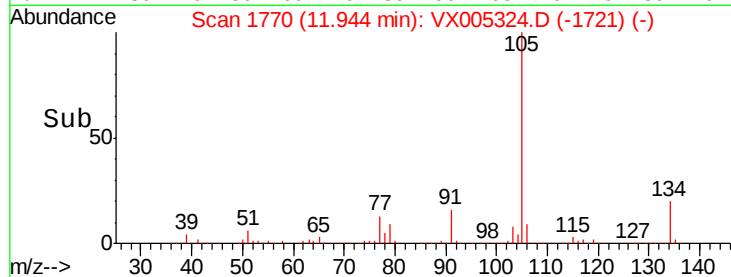
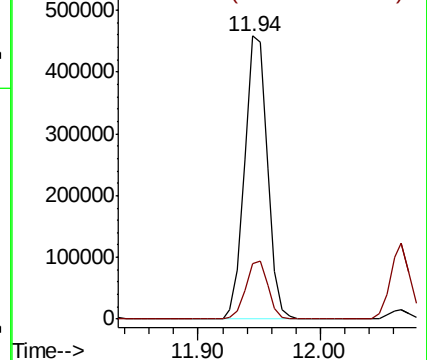
105 100

134 20.4 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.913 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005324.D

Acq: 13 Oct 2018 05:50

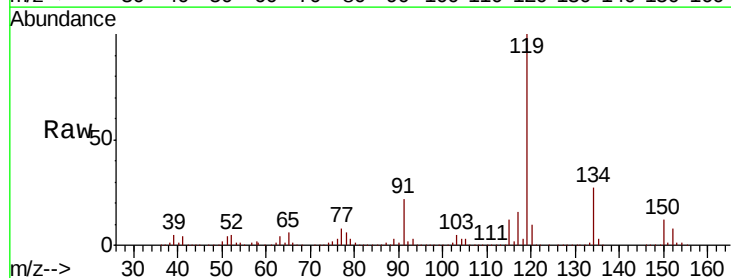
Tgt Ion:119 Resp: 531515

Ion Ratio Lower Upper

119 100

134 26.4 13.4 40.2

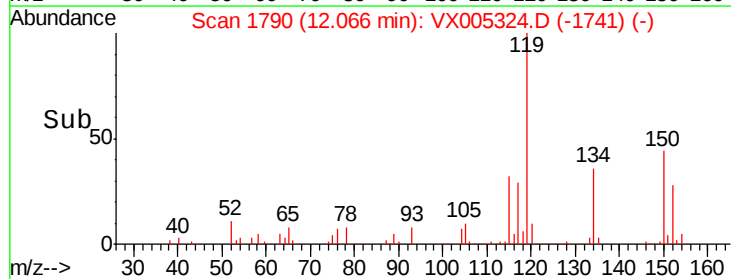
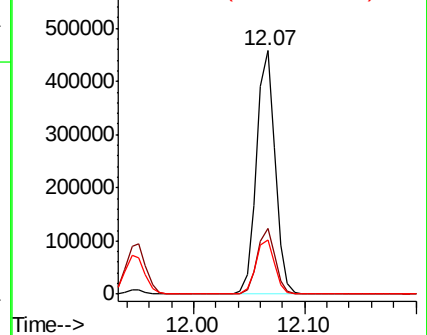
91 22.8 10.9 32.7

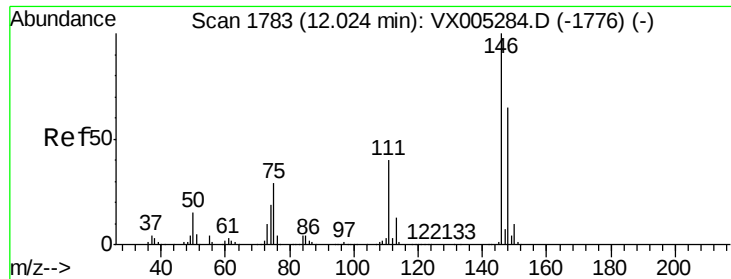


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 50.487 ug/l

RT: 12.03 min Scan# 1784

Delta R.T. 0.01 min

Lab File: VX005324.D

Acq: 13 Oct 2018 05:50

Instrument :

MSVOA_X

ClientSampleId :

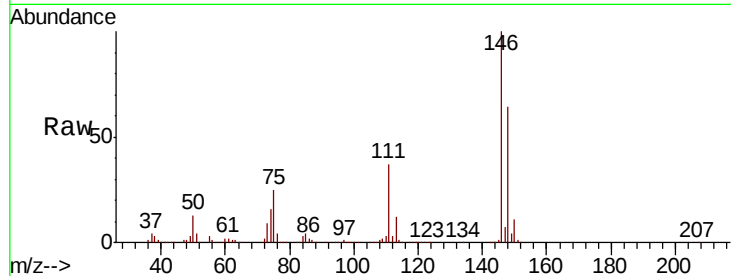
Tot Ion:146 Resp: 297754

Ion Ratio Lower Upper

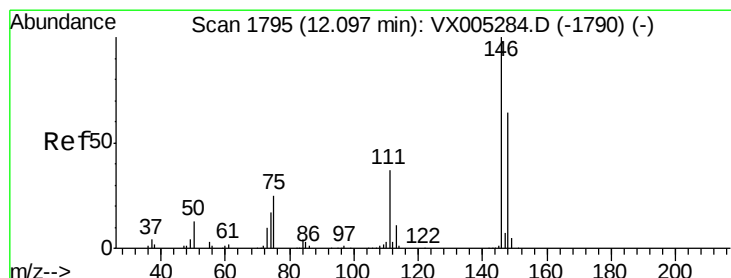
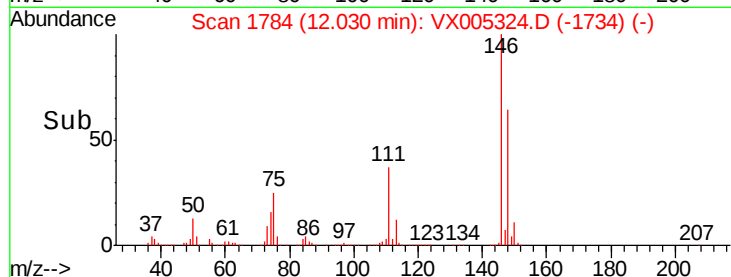
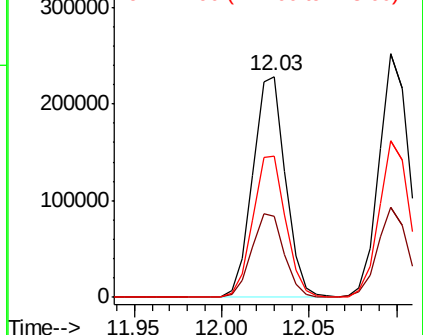
146 100

111 37.7 18.7 56.1

148 64.1 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: 50.130 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX005324.D

Acq: 13 Oct 2018 05:50

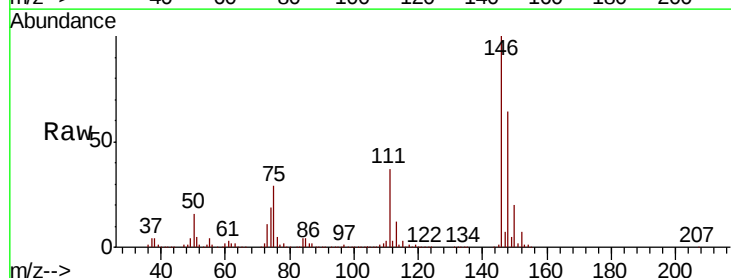
Tgt Ion:146 Resp: 302448

Ion Ratio Lower Upper

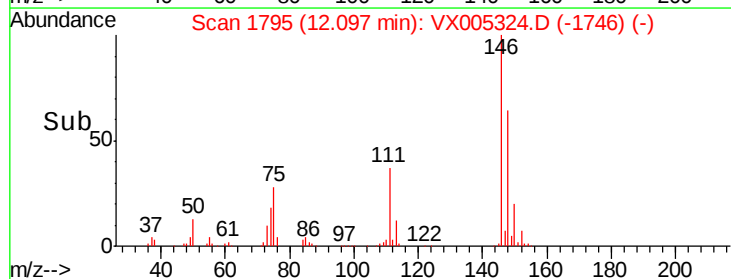
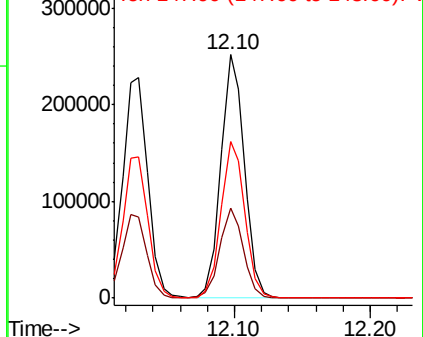
146 100

111 36.9 18.1 54.1

148 64.8 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: 48.725 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX005324.D

Acq: 13 Oct 2018 05:50

Instrument :

MSVOA_X

ClientSampleId :

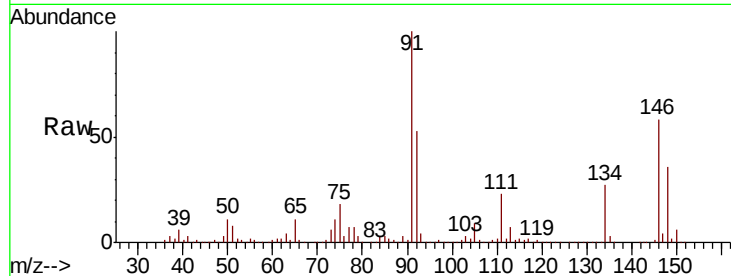
Tot Ion: 91 Resp: 452957

Ion Ratio Lower Upper

91 100

92 52.4 27.3 81.9

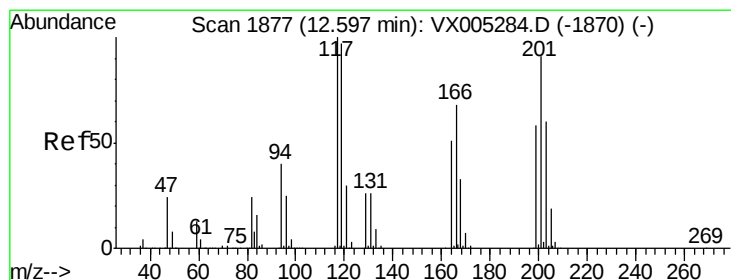
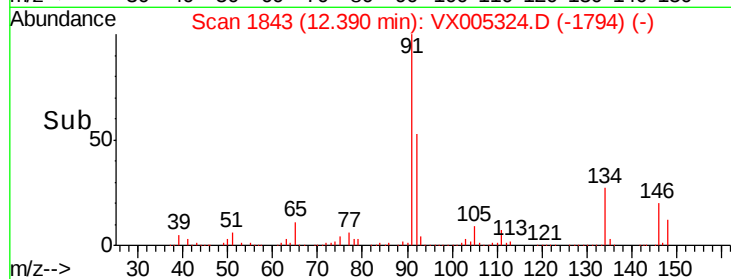
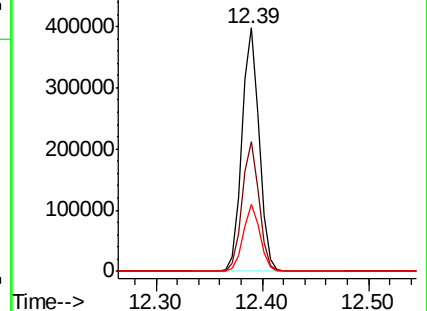
134 26.7 13.6 40.7



Abundance Ion 91.00 (90.70 to 91.70): VX005284.D (-1835) (-)

Ion 92.00 (91.70 to 92.70): VX005284.D (-1835) (-)

Ion 134.00 (133.70 to 134.70): VX005284.D (-1835) (-)



#90

Hexachloroethane

Concen: 50.626 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX005324.D

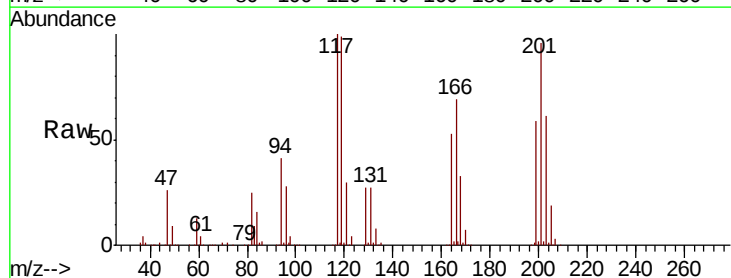
Acq: 13 Oct 2018 05:50

Tgt Ion: 117 Resp: 89331

Ion Ratio Lower Upper

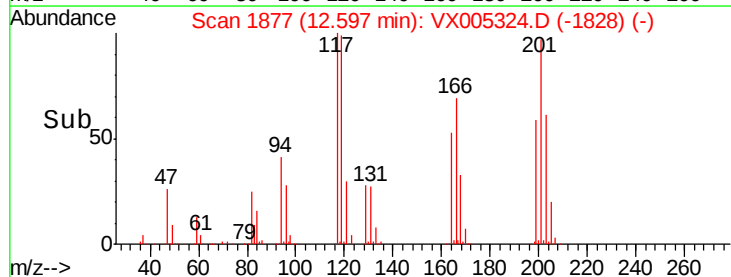
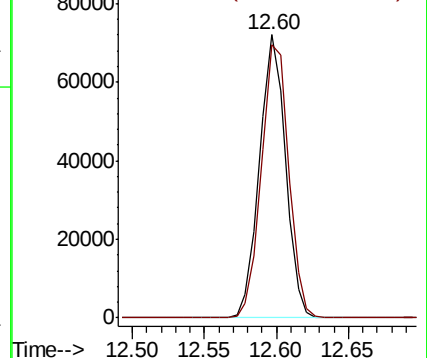
117 100

201 101.6 46.9 140.6



Abundance Ion 116.80 (116.50 to 117.50): VX005284.D (-1870) (-)

Ion 200.70 (200.40 to 201.40): VX005284.D (-1870) (-)





#91

1,2-Dichlorobenzene

Concen: 50.970 ug/l

RT: 12.40 min Scan# 1844

Delta R.T. 0.01 min

Lab File: VX005324.D

Acq: 13 Oct 2018 05:50

Instrument :

MSVOA_X

ClientSampleId :

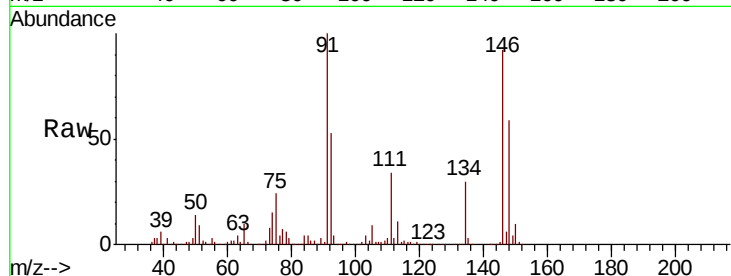
Tot Ion:146 Resp: 306754

Ion Ratio Lower Upper

146 100

111 38.6 19.4 58.1

148 64.0 32.8 98.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

300000

250000

200000

150000

100000

50000

0

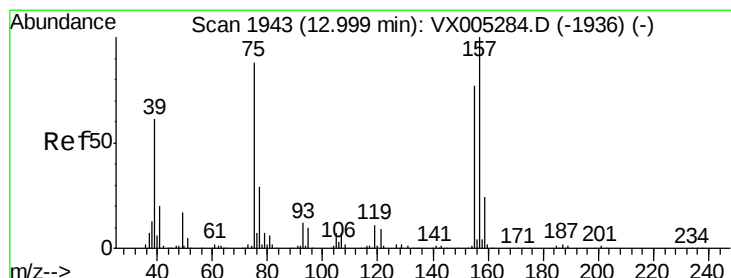
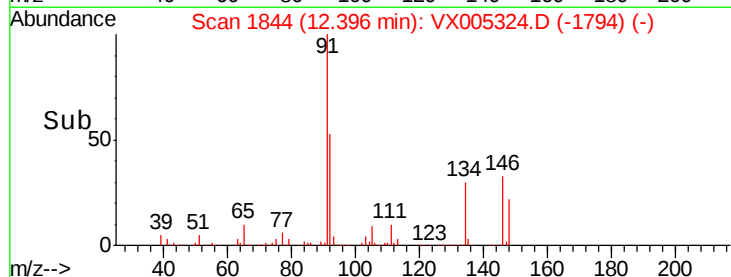
12.40

12.30

12.40

12.50

Time-->



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.875 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX005324.D

Acq: 13 Oct 2018 05:50

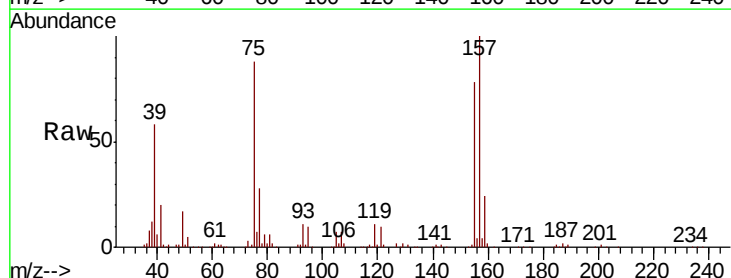
Tgt Ion: 75 Resp: 51674

Ion Ratio Lower Upper

75 100

155 94.1 48.0 144.2

157 120.9 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

60000

40000

20000

0

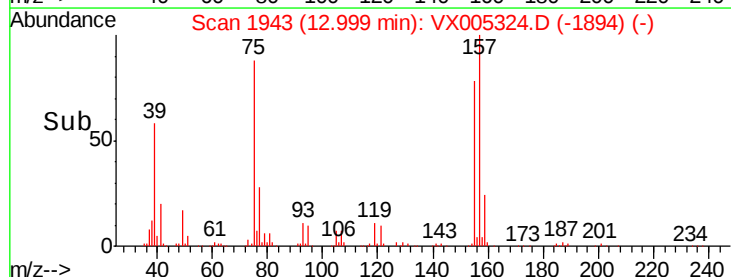
13.00

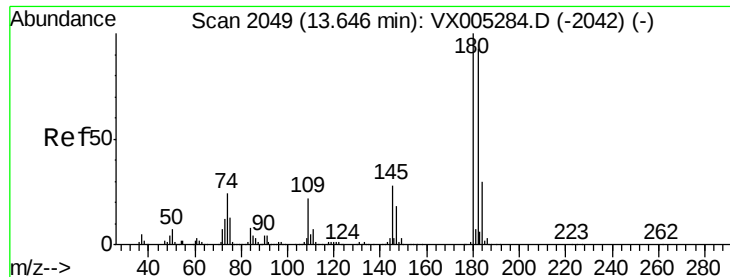
12.95

13.00

13.05

Time-->

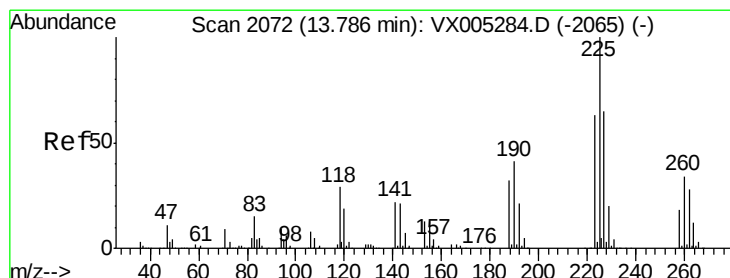
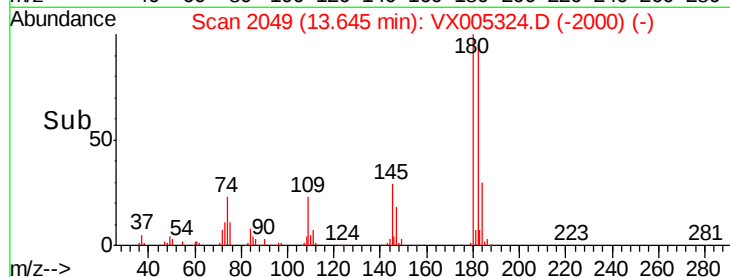
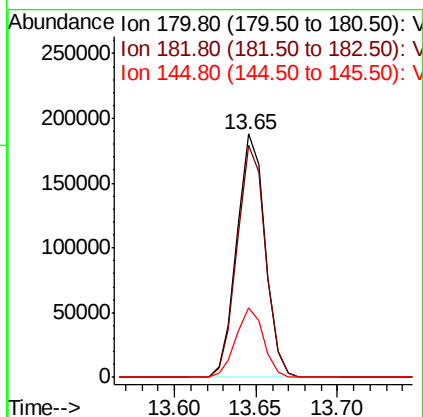
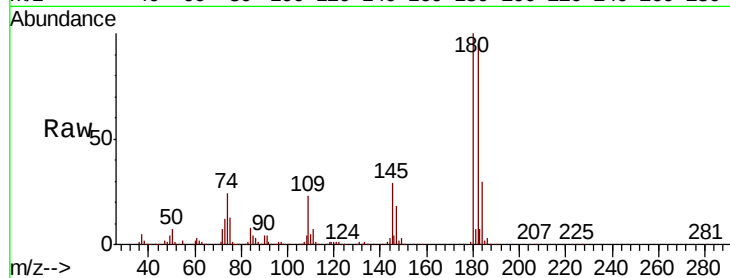




#93
 1,2,4-Trichlorobenzene
 Concen: 51.429 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005324.D
 Acq: 13 Oct 2018 05:50

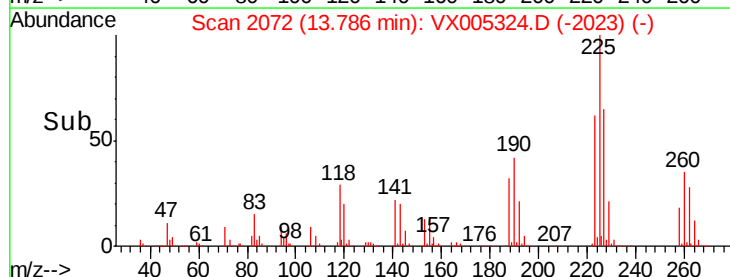
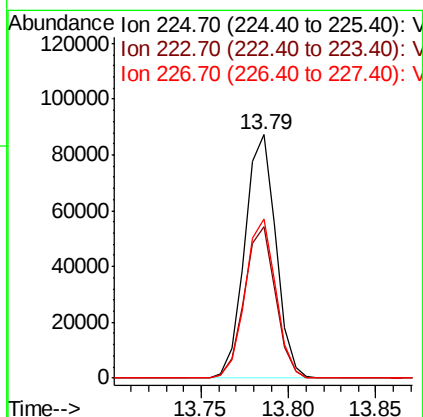
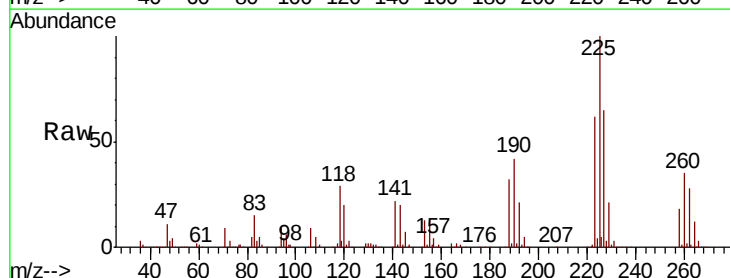
Instrument :
 MSVOA_X
 ClientSampled :

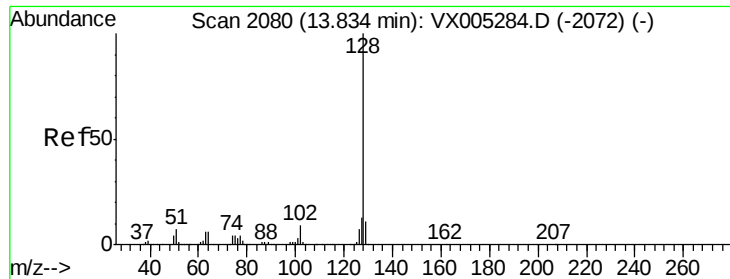
Tot Ion:180 Resp: 227083
 Ion Ratio Lower Upper
 180 100
 182 95.8 48.4 145.0
 145 28.0 14.3 42.9



#94
 Hexachlorobutadiene
 Concen: 46.175 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX005324.D
 Acq: 13 Oct 2018 05:50

Tgt Ion:225 Resp: 107682
 Ion Ratio Lower Upper
 225 100
 223 61.9 30.1 90.5
 227 64.3 30.8 92.4





#95

Naphthalene

Concen: 56.736 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX005324.D

Acq: 13 Oct 2018 05:50

Instrument :

MSVOA_X

ClientSampleId :

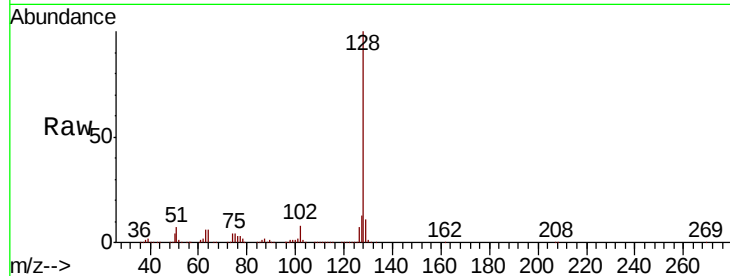
Tot Ion:128 Resp: 726530

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

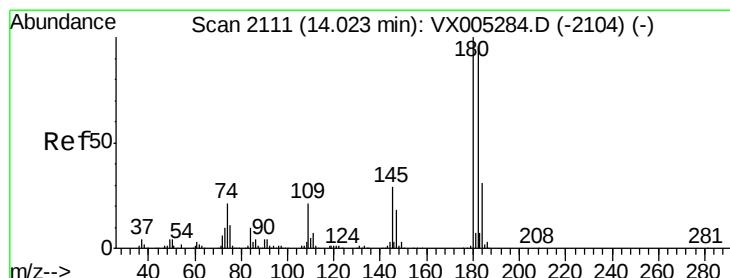
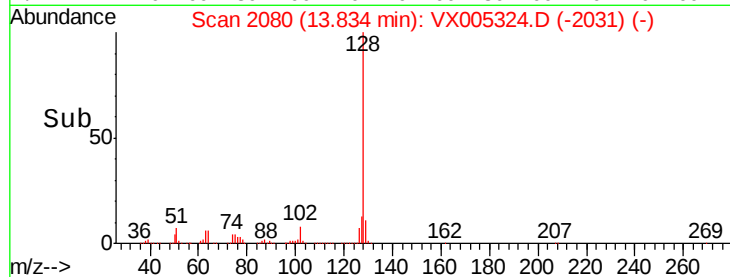
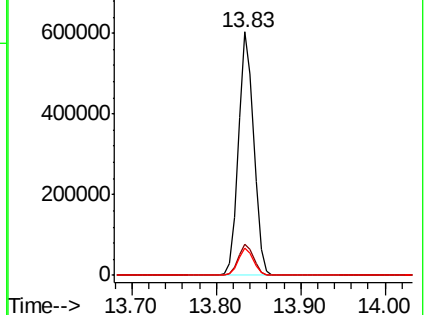
129 10.9 8.6 12.8



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: 52.407 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX005324.D

Acq: 13 Oct 2018 05:50

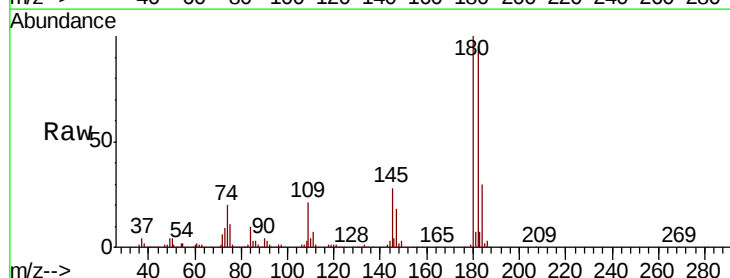
Tgt Ion:180 Resp: 236770

Ion Ratio Lower Upper

180 100

182 95.5 48.5 145.6

145 29.2 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

