

Data File : VX004019.D
Acq On : 14 Aug 2018 01:51
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC

Quant Time: Aug 14 06:56:31 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 14 06:50:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	213363	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	368926	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	374668	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	242967	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	548579	184.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	368.40%	
35) Dibromofluoromethane	5.51	113	430706	152.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	304.62%	
50) Toluene-d8	8.72	98	1661383	152.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	304.48%	
62) 4-Bromofluorobenzene	11.14	95	683972	185.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	371.56%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.19	85	250161	120.942	ug/l	98
3) Chloromethane	1.32	50	422763	144.995	ug/l	99
4) Vinyl Chloride	1.40	62	406991	140.842	ug/l	99
5) Bromomethane	1.64	94	238728	130.127	ug/l	97
6) Chloroethane	1.71	64	255485	134.815	ug/l	99
7) Trichlorofluoromethane	1.92	101	488859	129.447	ug/l	99
8) Diethyl Ether	2.18	74	309858	173.582	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	279199	119.149	ug/l	99
10) Methyl Iodide	2.51	142	474671	162.727	ug/l	100
11) Tert butyl alcohol	3.09	59	608156	874.944	ug/l	99
12) 1,1-Dichloroethene	2.37	96	327603	144.291	ug/l	95
13) Acrolein	2.29	56	432507	1063.698	ug/l	99
14) Allyl chloride	2.73	41	709805	160.283	ug/l	99
15) Acrylonitrile	3.15	53	1485419	884.471	ug/l	99
16) Acetone	2.44	43	1466080	849.356	ug/l	100
17) Carbon Disulfide	2.57	76	949535	137.796	ug/l	99
18) Methyl Acetate	2.77	43	665680	177.196	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	1492040	178.080	ug/l	100
20) Methylene Chloride	2.85	84	467183	112.726	ug/l	100
21) trans-1,2-Dichloroethene	3.17	96	402836	153.191	ug/l	95
22) Diisopropyl ether	3.87	45	1511650	178.477	ug/l	99
23) Vinyl Acetate	3.82	43	6619938	935.561	ug/l	98
24) 1,1-Dichloroethane	3.70	63	786906	159.925	ug/l	99
25) 2-Butanone	4.70	43	2491579	949.861	ug/l	100
26) 2,2-Dichloropropane	4.59	77	435362	128.554	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	490440	169.145	ug/l	100
28) Bromochloromethane	5.02	49	383804	177.880	ug/l	97
29) Tetrahydrofuran	5.15	42	1270639	944.866	ug/l	99
30) Chloroform	5.22	83	787193	168.957	ug/l	100
31) Cyclohexane	5.57	56	507322	128.957	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	606272	158.737	ug/l	99
36) 1,1-Dichloropropene	5.80	75	519607	128.334	ug/l	99
37) Ethyl Acetate	4.85	43	766080	166.162	ug/l	99
38) Carbon Tetrachloride	5.79	117	492102	128.233	ug/l	97

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VSTDICC

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Quant Title : SW846 8260
QLast Update : Tue Aug 14 06:50:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	492732	107.015	ug/l	98
40) Benzene	6.15	78	1844164	148.040	ug/l	100
41) Methacrylonitrile	5.06	41	422767	166.765	ug/l	99
42) 1,2-Dichloroethane	6.20	62	676735	158.327	ug/l	100
43) Isopropyl Acetate	6.46	43	1193585	171.856	ug/l	99
44) Trichloroethene	7.21	130	471082	139.562	ug/l	99
45) 1,2-Dichloropropane	7.52	63	495319	153.510	ug/l	98
46) Dibromomethane	7.66	93	337346	159.763	ug/l	100
47) Bromodichloromethane	7.90	83	645720	163.332	ug/l	99
48) Methyl methacrylate	7.78	41	628860	178.261	ug/l	100
49) 1,4-Dioxane	7.76	88	279255	3384.945	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	5047775	876.573	ug/l	99
52) Toluene	8.79	92	1181204	150.724	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	748790	169.155	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	783636	164.398	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	526206	162.037	ug/l	99
56) Ethyl methacrylate	9.18	69	870892	185.604	ug/l	100
57) 1,3-Dichloropropane	9.37	76	887906	162.482	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	2151461	924.253	ug/l	100
59) 2-Hexanone	9.51	43	3891956	901.229	ug/l	98
60) Dibromochloromethane	9.59	129	554758	182.809	ug/l	99
61) 1,2-Dibromoethane	9.68	107	558392	170.049	ug/l	99
64) Tetrachloroethene	9.34	164	435162	120.629	ug/l	99
65) Chlorobenzene	10.14	112	1347598	140.419	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	508291	153.053	ug/l	99
67) Ethyl Benzene	10.26	91	2187623	139.670	ug/l	98
68) m/p-Xylenes	10.36	106	1753278	285.325	ug/l	98
69) o-Xylene	10.70	106	878473	150.731	ug/l	98
70) Styrene	10.71	104	1553792	161.160	ug/l	98
71) Bromoform	10.86	173	469803	186.878	ug/l	99
73) Isopropylbenzene	11.02	105	2152691	124.516	ug/l	100
74) N-amyl acetate	6.46	43	1193585	130.333	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	879039	142.166	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	1014611	188.310	ug/l	89
77) Bromobenzene	11.26	156	661730	138.265	ug/l	98
78) n-propylbenzene	11.36	91	2485987	126.086	ug/l	99
79) 2-Chlorotoluene	11.42	91	1593772	131.044	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1892975	131.756	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	269877	157.097	ug/l	94
82) 4-Chlorotoluene	11.51	91	1906804	133.958	ug/l	99
83) tert-Butylbenzene	11.77	119	1843128	131.335	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	2018187	138.793	ug/l	99
85) sec-Butylbenzene	11.95	105	2020998	123.737	ug/l	100
86) p-Isopropyltoluene	12.07	119	1887438	128.243	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	1181581	134.357	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	1211354	132.382	ug/l	99
89) n-Butylbenzene	12.39	91	1510944	118.966	ug/l	95
90) Hexachloroethane	12.60	117	289364	122.765	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	1203174	138.027	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.01	75	172733	140.698	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081418\
Quantitation Report (Not Reviewed)

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Misc : 5.0mL/MSVOA_X/WATER
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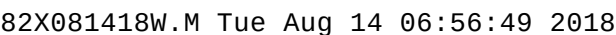
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC

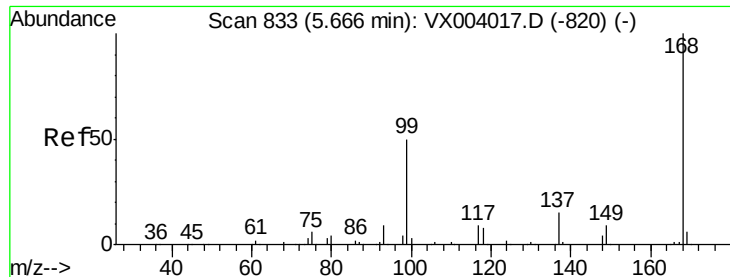
Quant Time: Aug 14 06:56:31 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 14 06:50:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	789882	128.845	ug/l	98
94) Hexachlorobutadiene	13.79	225	281170	100.477	ug/l	99
95) Naphthalene	13.83	128	2776698	155.424	ug/l	98
96) 1,2,3-Trichlorobenzene	14.02	180	875681	141.170	ug/l	98

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

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX004019.D

Acq: 14 Aug 2018 01:51

Instrument :

MSVOA_X

ClientSampleId :

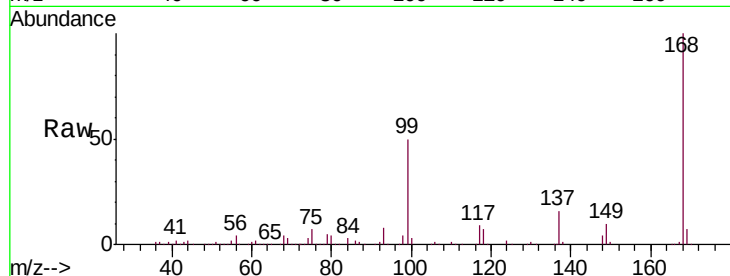
VSTDICC

Tgt Ion:168 Resp: 213363

Ion Ratio Lower Upper

168 100

99 49.5 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

150000

100000

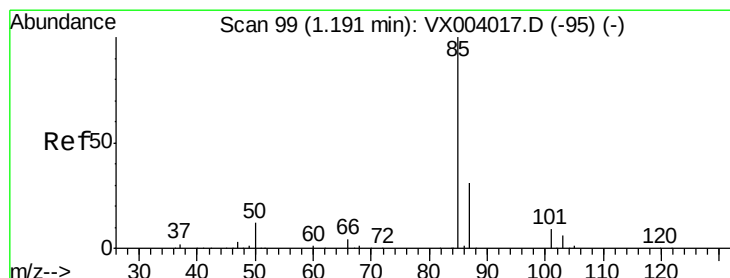
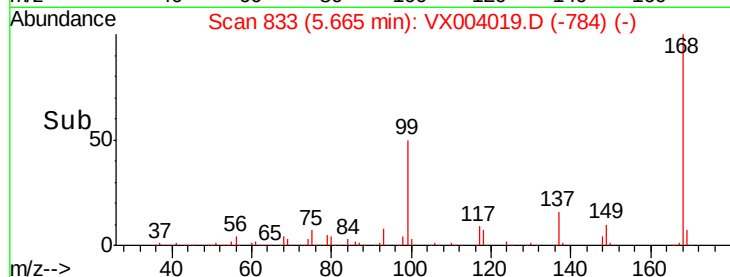
50000

0

5.50 5.60 5.70 5.80

5.67

Time-->



#2

Dichlorodifluoromethane

Concen: 120.942 ug/l

RT: 1.19 min Scan# 99

Delta R.T. -0.00 min

Lab File: VX004019.D

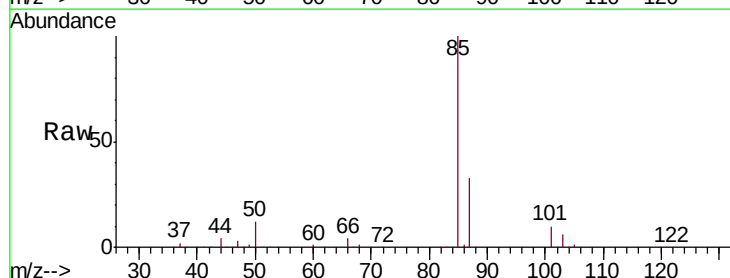
Acq: 14 Aug 2018 01:51

Tgt Ion: 85 Resp: 250161

Ion Ratio Lower Upper

85 100

87 32.8 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

250000

200000

150000

100000

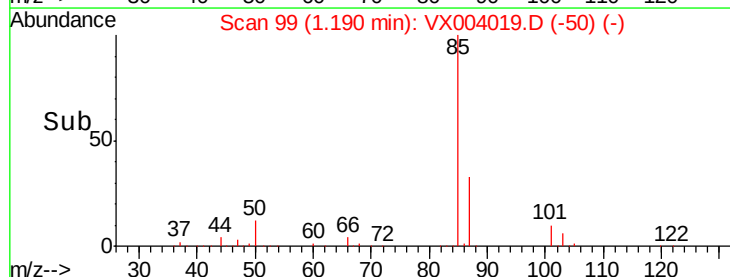
50000

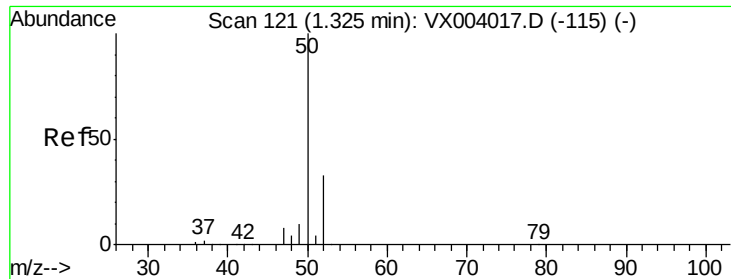
0

1.10 1.15 1.20 1.25 1.30

1.19

Time-->





#3

Chloromethane

Concen: 144.995 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX004019.D

Acq: 14 Aug 2018 01:51

Instrument :

MSVOA_X

ClientSampleId :

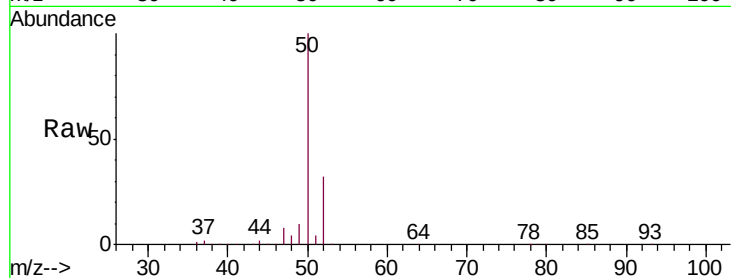
VSTDICC

Tgt Ion: 50 Resp: 422763

Ion Ratio Lower Upper

50 100

52 32.4 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

400000

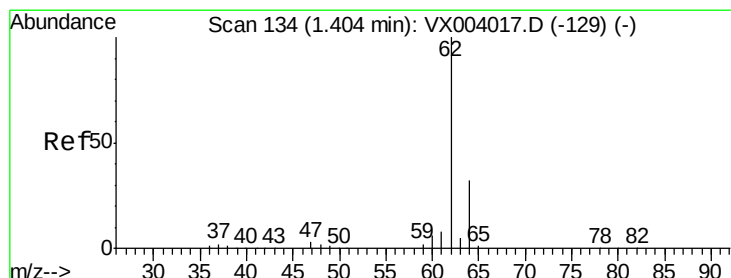
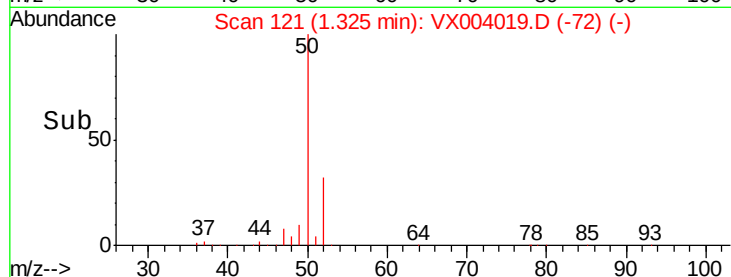
300000

200000

100000

0

Time--> 1.25 1.30 1.35 1.40



#4

Vinyl Chloride

Concen: 140.842 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX004019.D

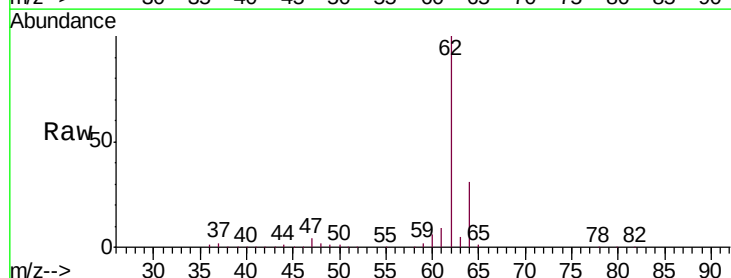
Acq: 14 Aug 2018 01:51

Tgt Ion: 62 Resp: 406991

Ion Ratio Lower Upper

62 100

64 31.5 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

400000

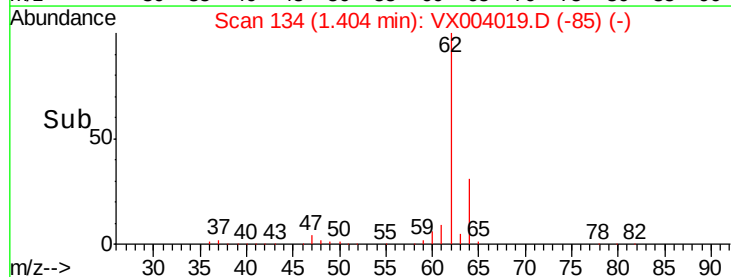
300000

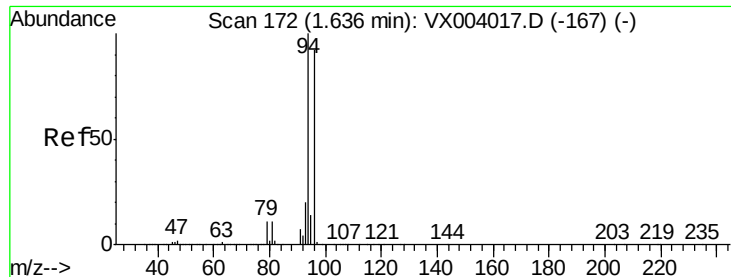
200000

100000

0

Time--> 1.30 1.40 1.50 1.60





#5

Bromomethane

Concen: 130.127 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.00 min

Lab File: VX004019.D

Acq: 14 Aug 2018 01:51

Instrument :

MSVOA_X

ClientSampled :

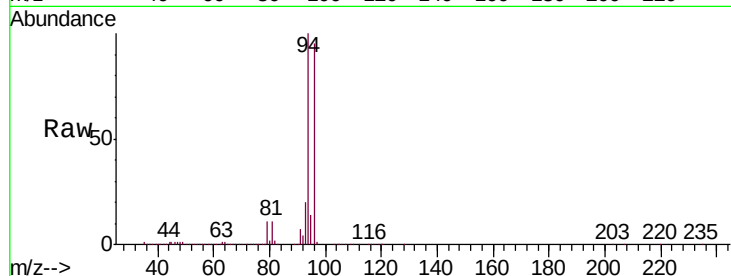
VSTDICC

Tgt Ion: 94 Resp: 238728

Ion Ratio Lower Upper

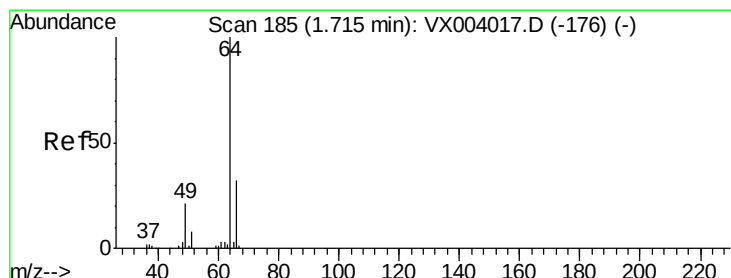
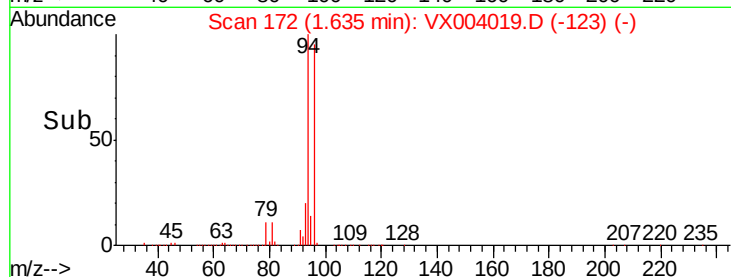
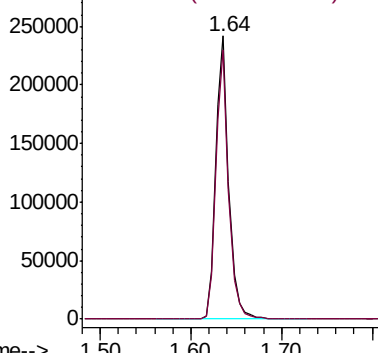
94 100

96 94.9 73.8 110.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 134.815 ug/l

RT: 1.71 min Scan# 184

Delta R.T. -0.01 min

Lab File: VX004019.D

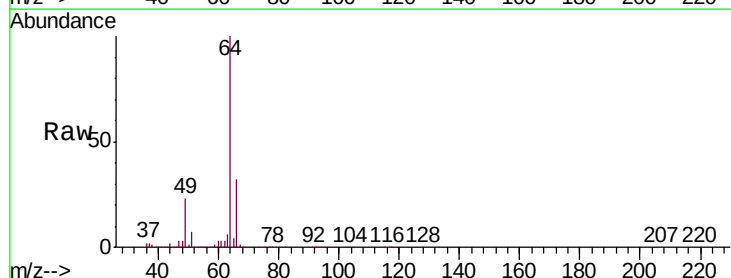
Acq: 14 Aug 2018 01:51

Tgt Ion: 64 Resp: 255485

Ion Ratio Lower Upper

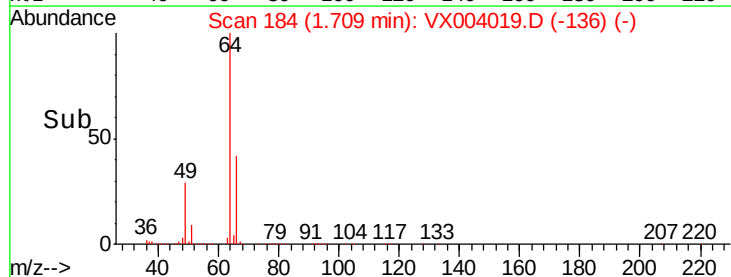
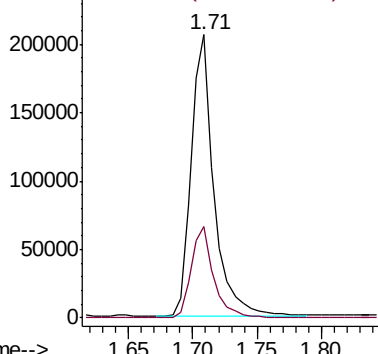
64 100

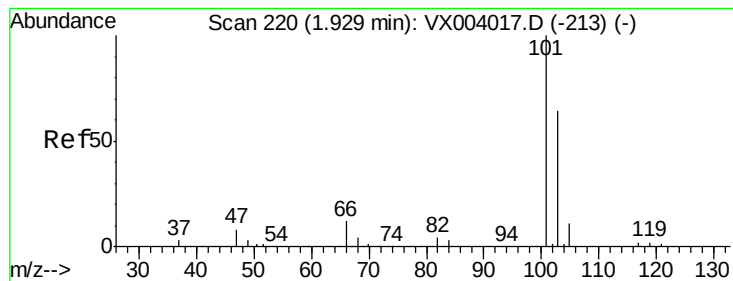
66 32.3 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



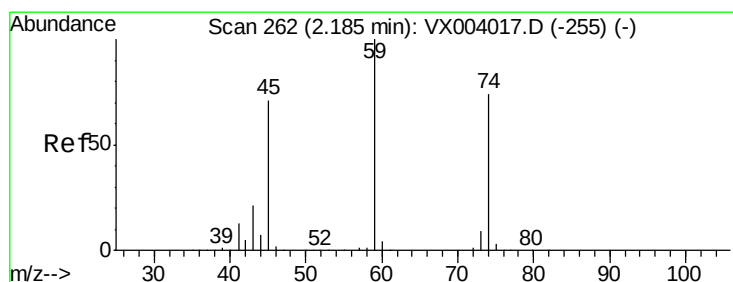
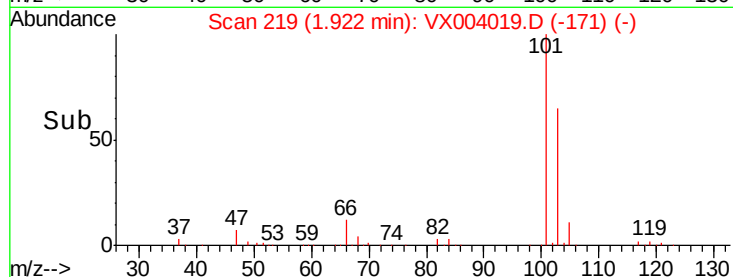
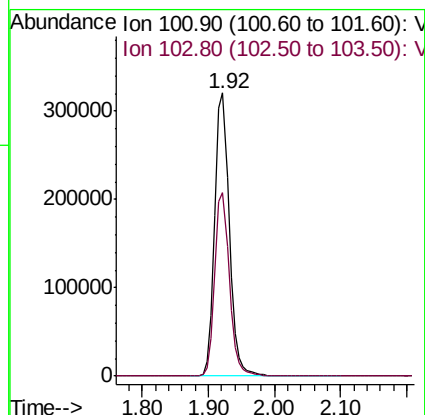
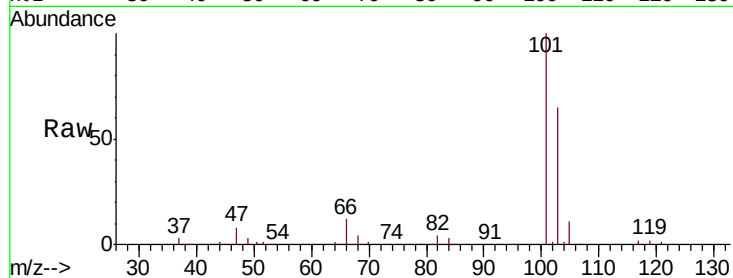


#7

Trichlorofluoromethane
Concen: 129.447 ug/l
RT: 1.92 min Scan# 219
Delta R.T. -0.01 min
Lab File: VX004019.D
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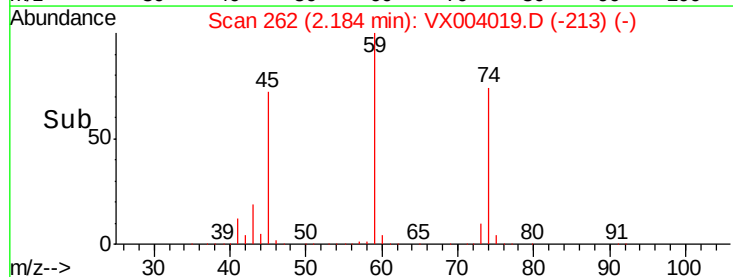
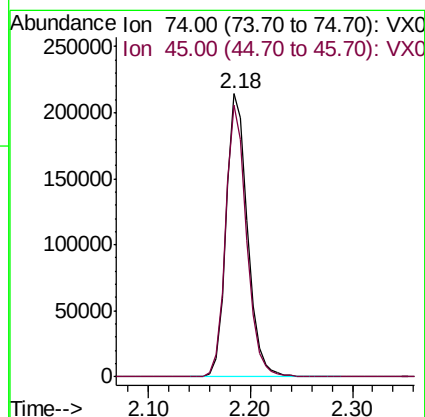
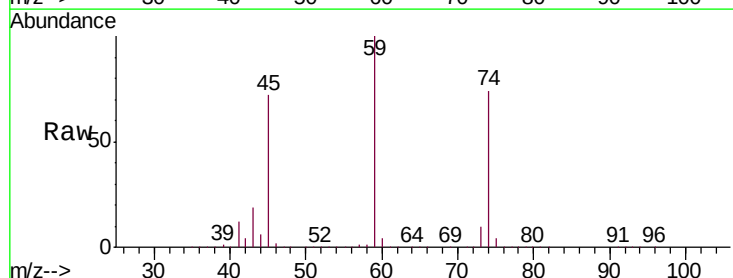
Tgt Ion:101 Resp: 488859
Ion Ratio Lower Upper
101 100
103 64.8 51.3 76.9

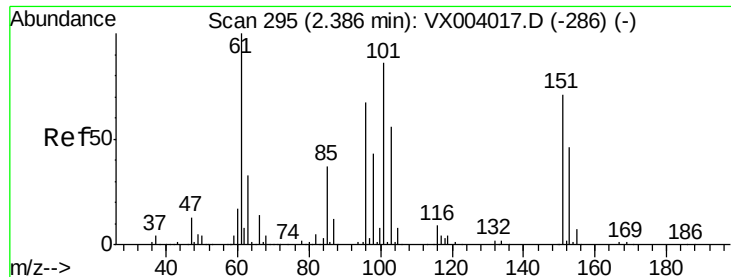


#8

Diethyl Ether
Concen: 173.582 ug/l
RT: 2.18 min Scan# 262
Delta R.T. -0.00 min
Lab File: VX004019.D
Acq: 14 Aug 2018 01:51

Tgt Ion: 74 Resp: 309858
Ion Ratio Lower Upper
74 100
45 95.4 46.9 140.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 119.149 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX004019.D

Acq: 14 Aug 2018 01:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC

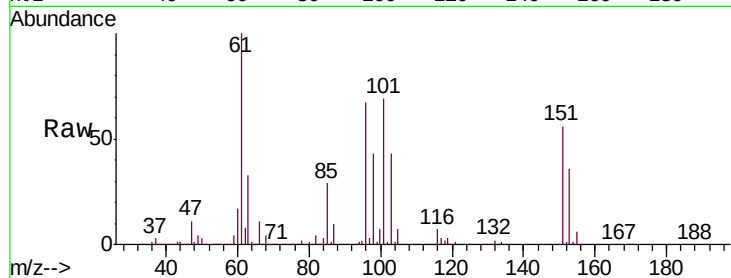
Tgt Ion:101 Resp: 279199

Ion Ratio Lower Upper

101 100

85 42.5 34.0 51.0

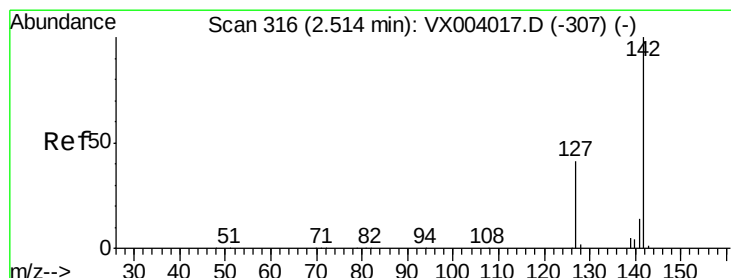
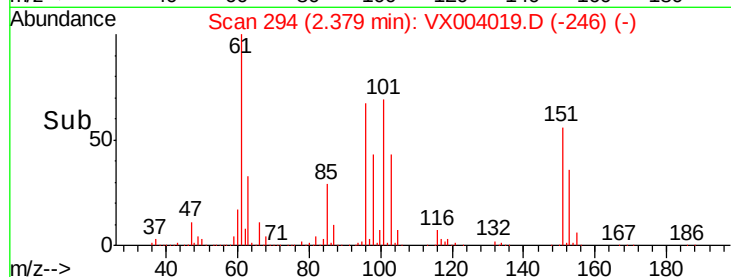
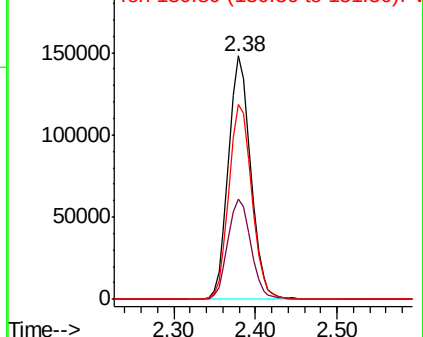
151 82.2 65.0 97.6



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: 162.727 ug/l

RT: 2.51 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX004019.D

Acq: 14 Aug 2018 01:51

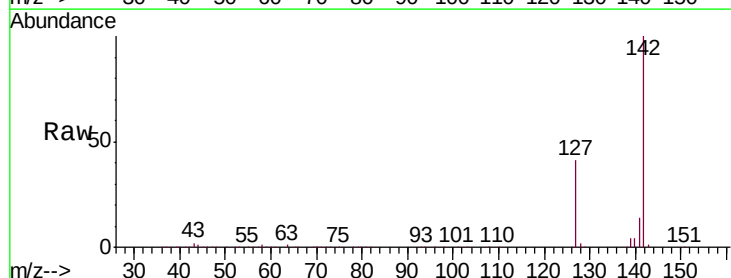
Tgt Ion:142 Resp: 474671

Ion Ratio Lower Upper

142 100

127 41.6 33.5 50.3

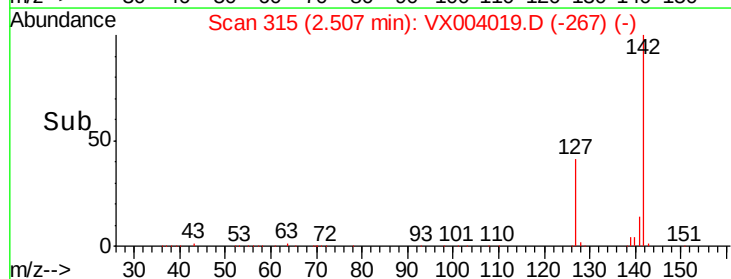
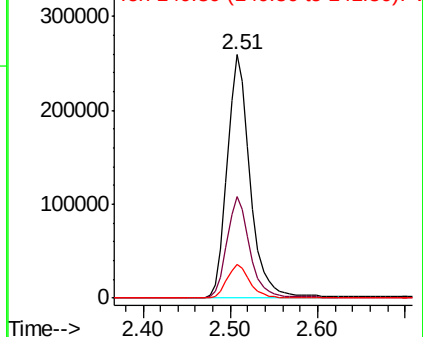
141 13.9 11.0 16.6

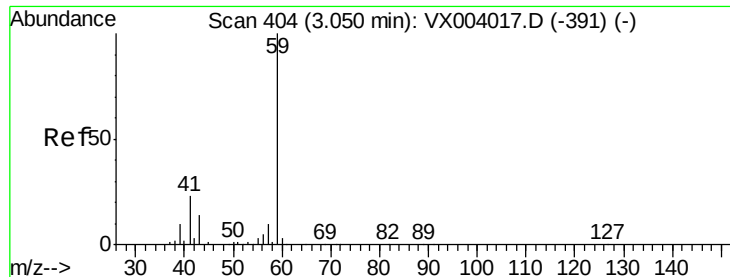


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

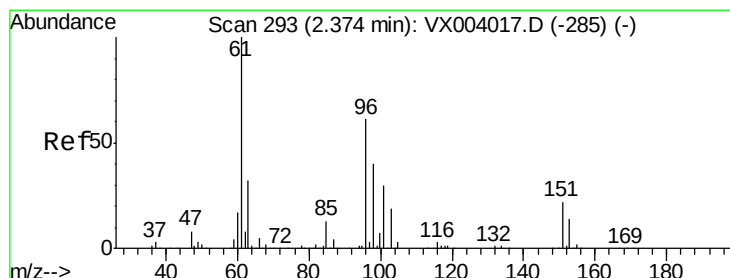
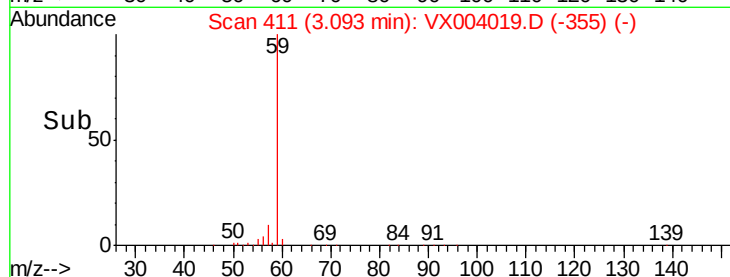
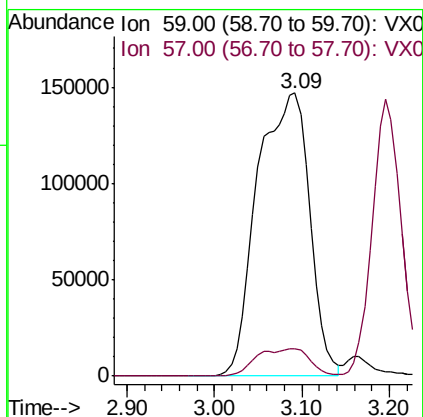
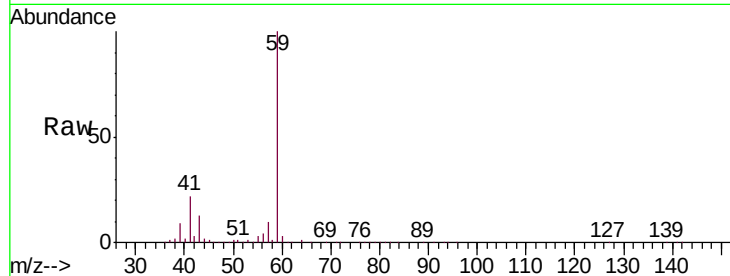




#11
Tert butyl alcohol
Concen: 874.944 ug/l
RT: 3.09 min Scan# 411
Delta R.T. 0.04 min
Lab File: VX004019.D
Acq: 14 Aug 2018 01:51

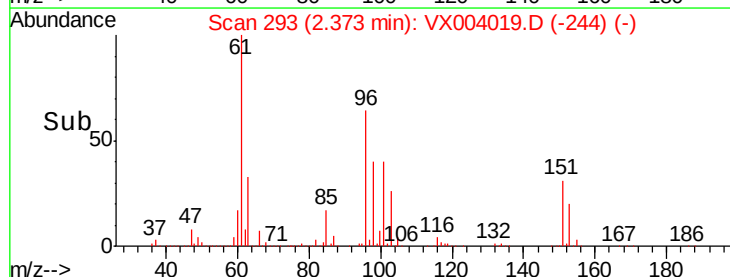
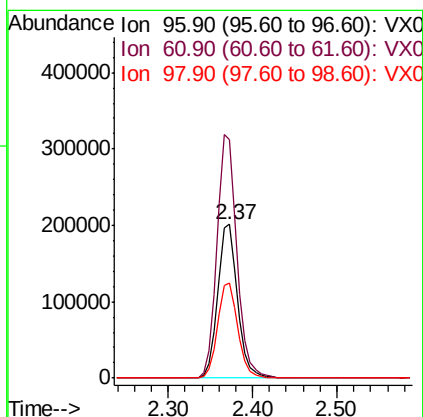
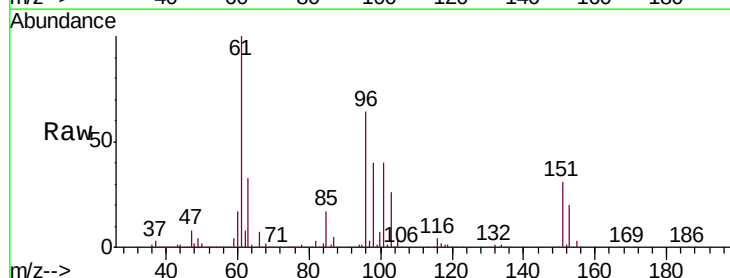
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC

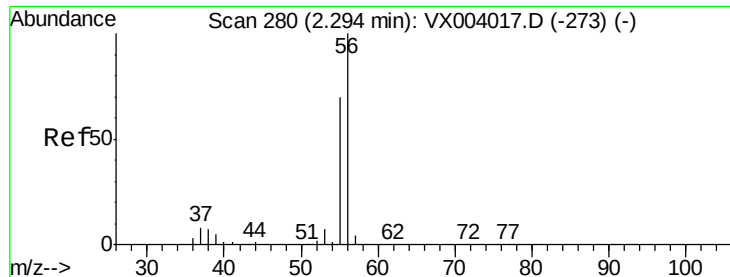
Tgt Ion: 59 Resp: 608156
Ion Ratio Lower Upper
59 100
57 10.1 8.5 12.7



#12
1,1-Dichloroethene
Concen: 144.291 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX004019.D
Acq: 14 Aug 2018 01:51

Tgt Ion: 96 Resp: 327603
Ion Ratio Lower Upper
96 100
61 155.8 131.2 196.8
98 62.3 52.0 78.0





#13

Acrolein

Concen: 1063.698 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX004019.D

Acq: 14 Aug 2018 01:51

Instrument :

MSVOA_X

ClientSampleId :

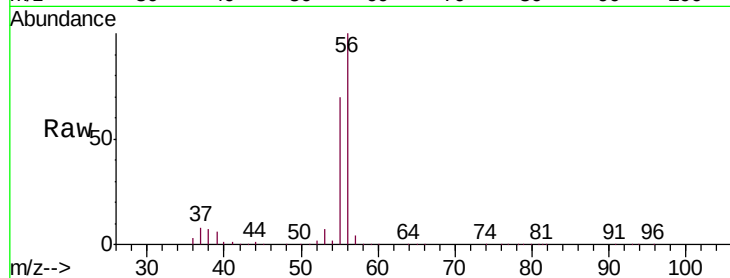
VSTDICC

Tgt Ion: 56 Resp: 432507

Ion Ratio Lower Upper

56 100

55 70.1 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

250000

200000

150000

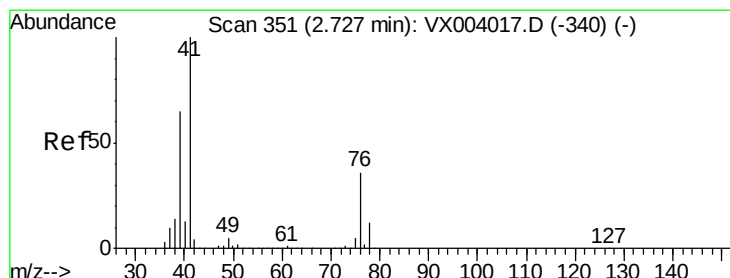
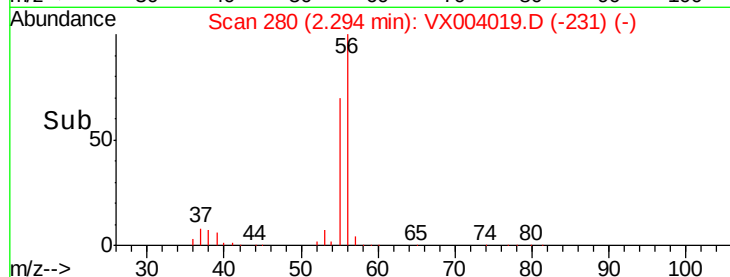
100000

50000

0

Time-->

2.20 2.30 2.40



#14

Allyl chloride

Concen: 160.283 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX004019.D

Acq: 14 Aug 2018 01:51

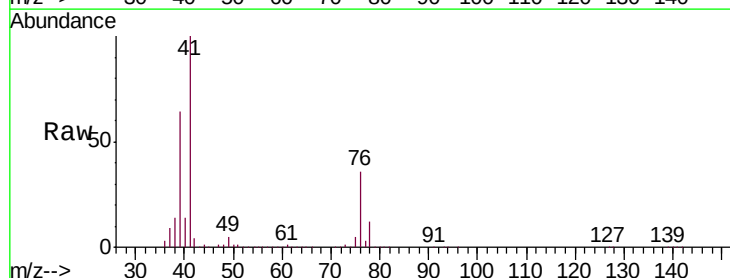
Tgt Ion: 41 Resp: 709805

Ion Ratio Lower Upper

41 100

39 60.4 48.8 73.2

76 33.2 25.9 38.9



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

600000

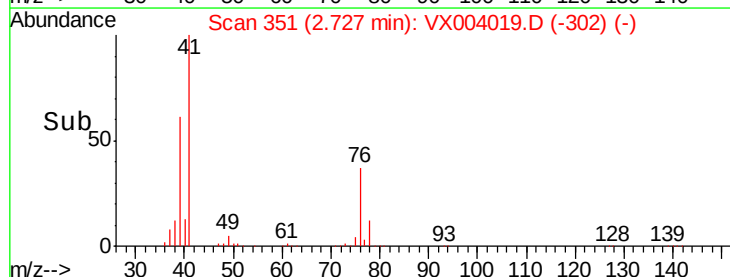
400000

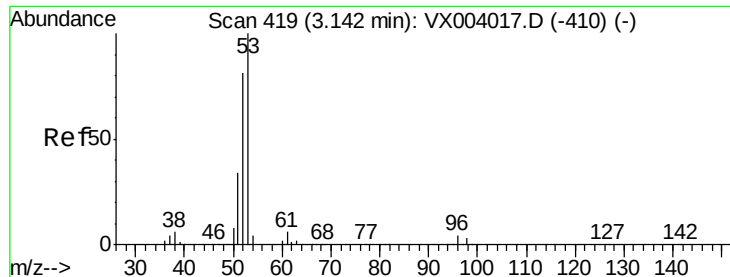
200000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 884.471 ug/l

RT: 3.15 min Scan# 420

Delta R.T. 0.01 min

Lab File: VX004019.D

Acq: 14 Aug 2018 01:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC

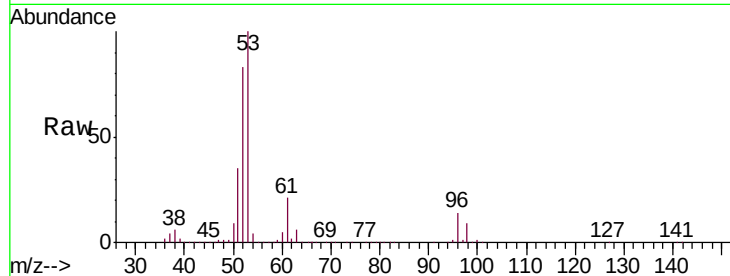
Tgt Ion: 53 Resp: 1485419

Ion Ratio Lower Upper

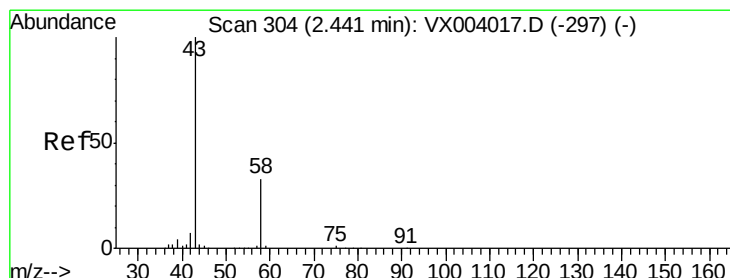
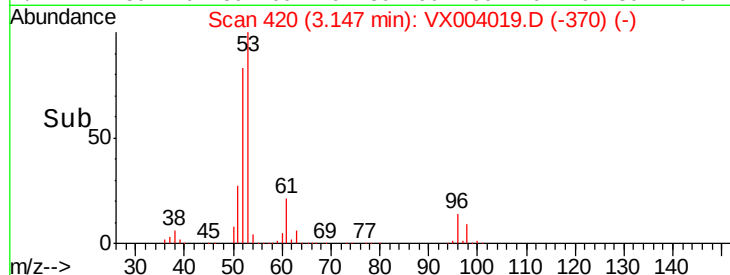
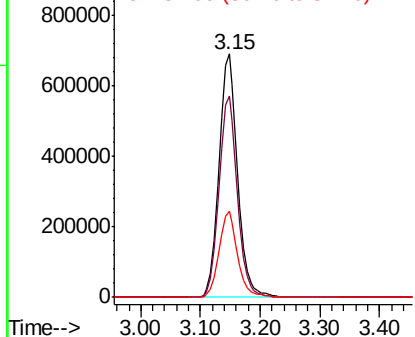
53 100

52 82.1 65.0 97.6

51 35.8 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: 849.356 ug/l

RT: 2.44 min Scan# 304

Delta R.T. -0.00 min

Lab File: VX004019.D

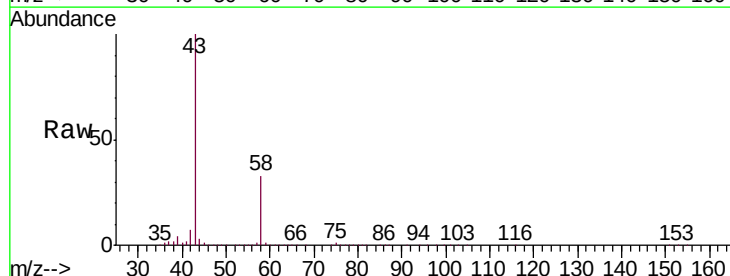
Acq: 14 Aug 2018 01:51

Tgt Ion: 43 Resp: 1466080

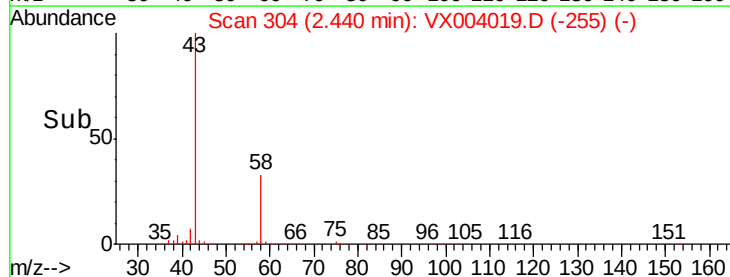
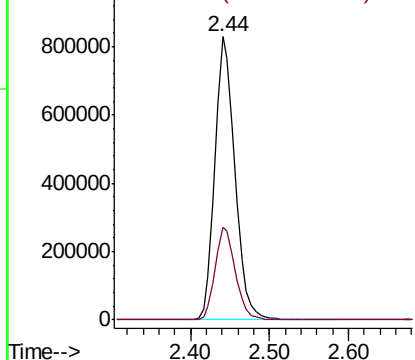
Ion Ratio Lower Upper

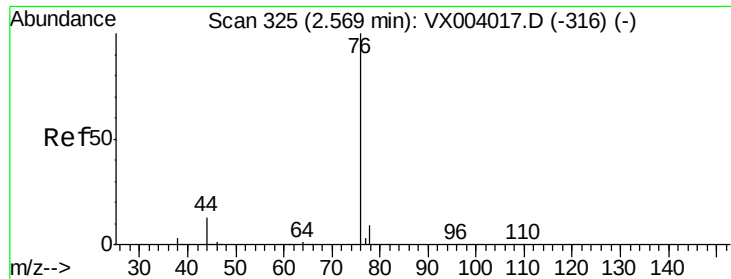
43 100

58 32.8 26.3 39.5



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

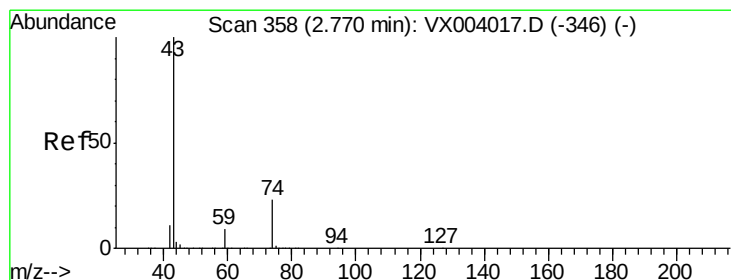
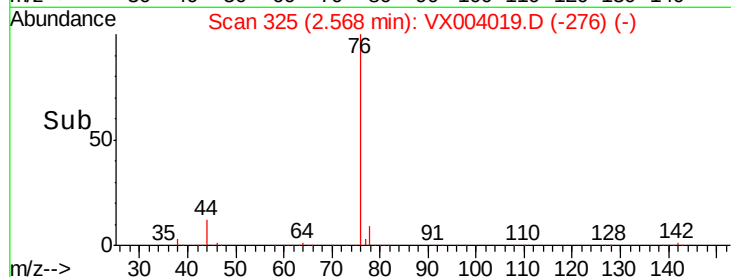
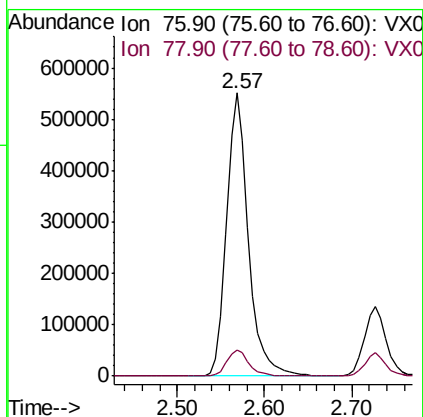
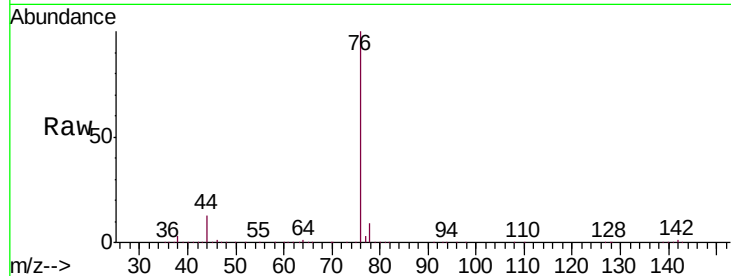




#17
Carbon Disulfide
Concen: 137.796 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX004019.D
Acq: 14 Aug 2018 01:51

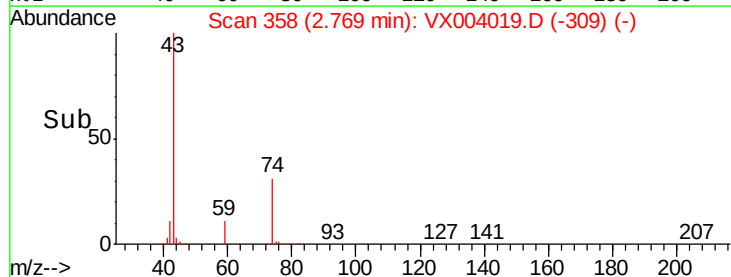
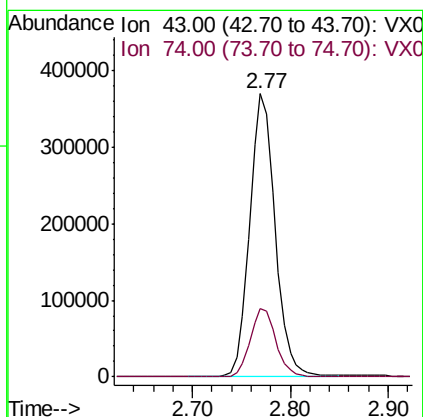
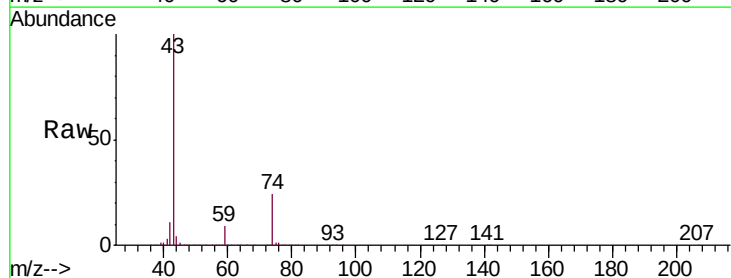
Instrument :
MSVOA_X
ClientSampled :
VSTDICC

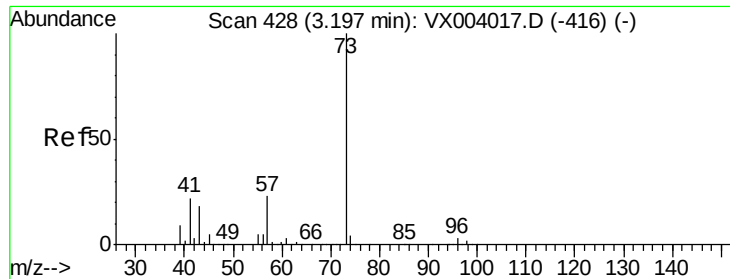
Tgt Ion: 76 Resp: 949535
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9



#18
Methyl Acetate
Concen: 177.196 ug/l
RT: 2.77 min Scan# 358
Delta R.T. -0.00 min
Lab File: VX004019.D
Acq: 14 Aug 2018 01:51

Tgt Ion: 43 Resp: 665680
Ion Ratio Lower Upper
43 100
74 24.8 19.7 29.5

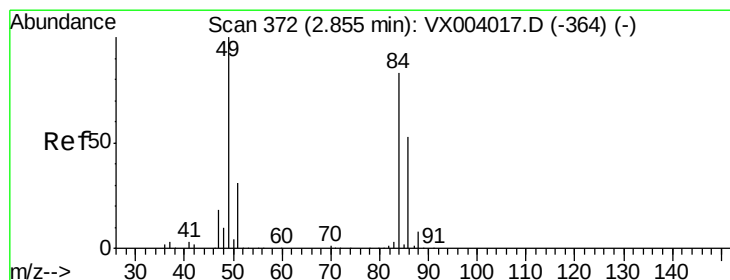
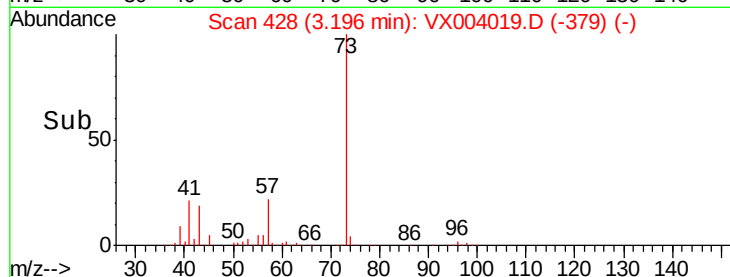
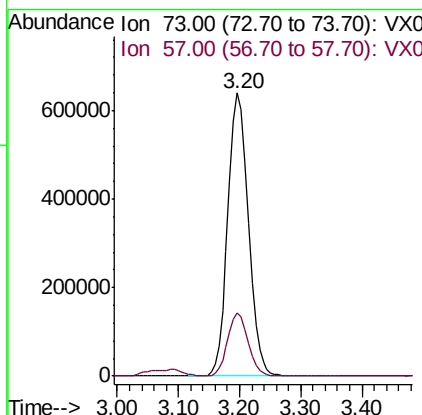
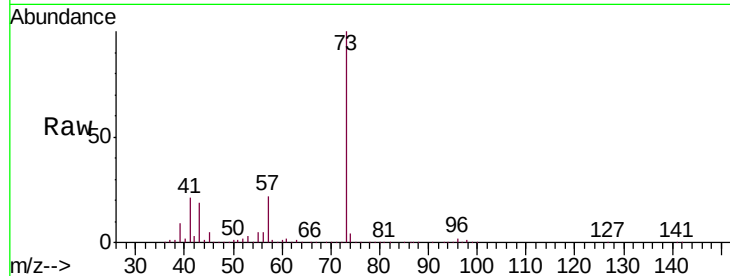




#19
Methyl tert-butyl Ether
Concen: 178.080 ug/l
RT: 3.20 min Scan# 428
Delta R.T. -0.00 min
Lab File: VX004019.D
Acq: 14 Aug 2018 01:51

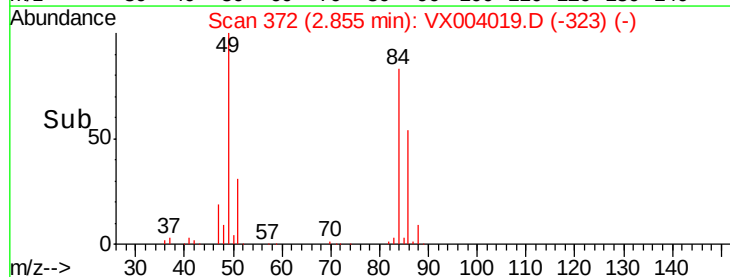
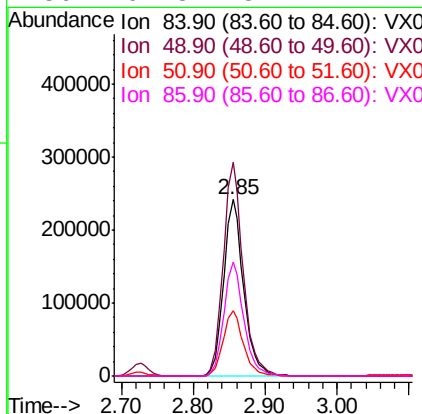
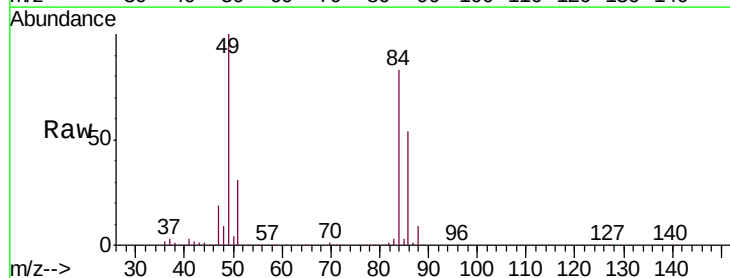
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC

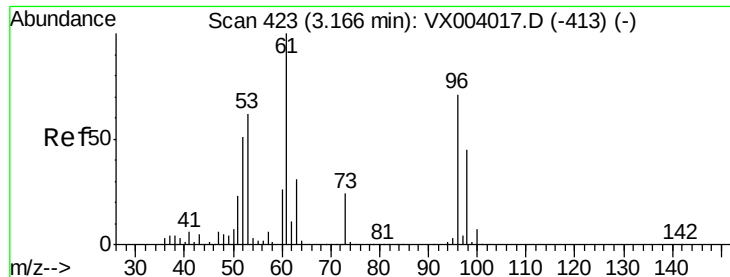
Tgt Ion: 73 Resp: 1492040
Ion Ratio Lower Upper
73 100
57 22.5 18.2 27.2



#20
Methylene Chloride
Concen: 112.726 ug/l
RT: 2.85 min Scan# 372
Delta R.T. -0.00 min
Lab File: VX004019.D
Acq: 14 Aug 2018 01:51

Tgt Ion: 84 Resp: 467183
Ion Ratio Lower Upper
84 100
49 121.0 96.9 145.3
51 37.3 30.2 45.2
86 64.8 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 153.191 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX004019.D

Acq: 14 Aug 2018 01:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC

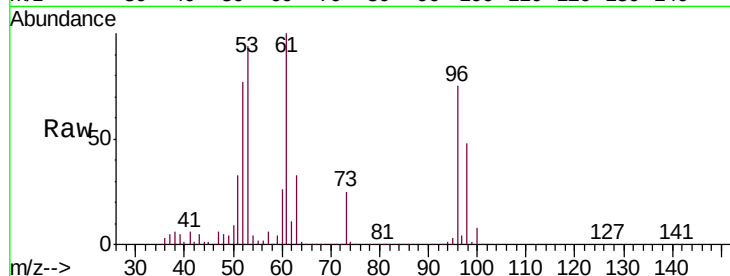
Tgt Ion: 96 Resp: 402836

Ion Ratio Lower Upper

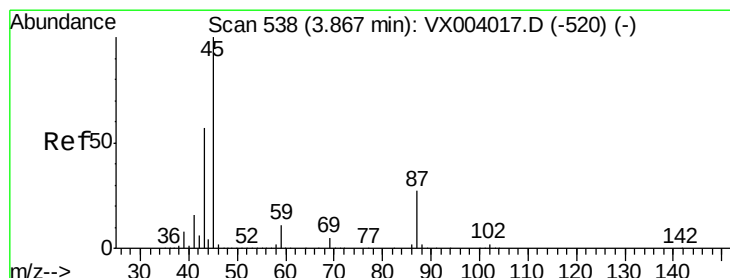
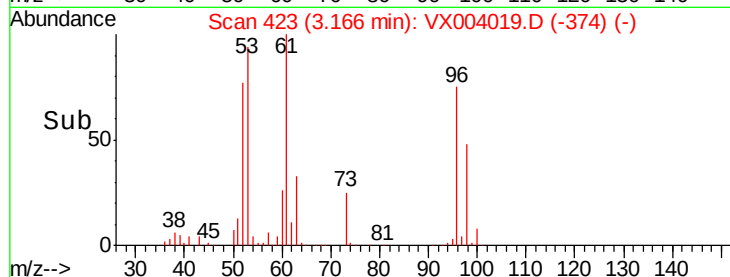
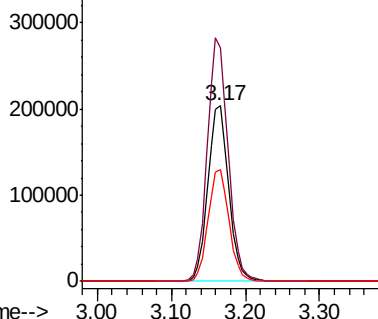
96 100

61 132.9 112.3 168.5

98 63.6 50.1 75.1



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: 178.477 ug/l

RT: 3.87 min Scan# 538

Delta R.T. -0.00 min

Lab File: VX004019.D

Acq: 14 Aug 2018 01:51

Tgt Ion: 45 Resp: 1511650

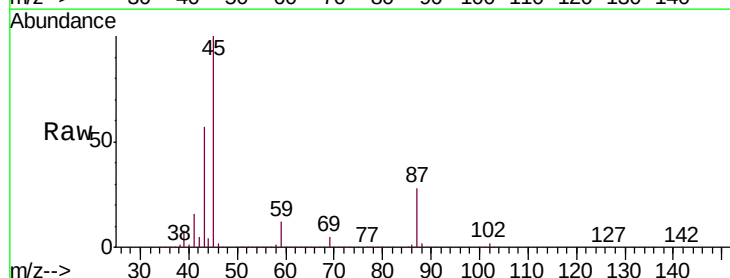
Ion Ratio Lower Upper

45 100

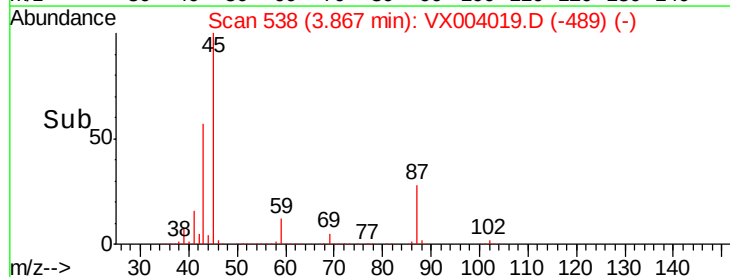
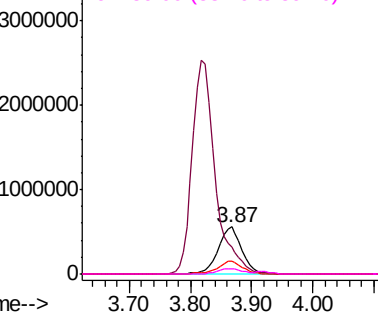
43 56.6 45.6 68.4

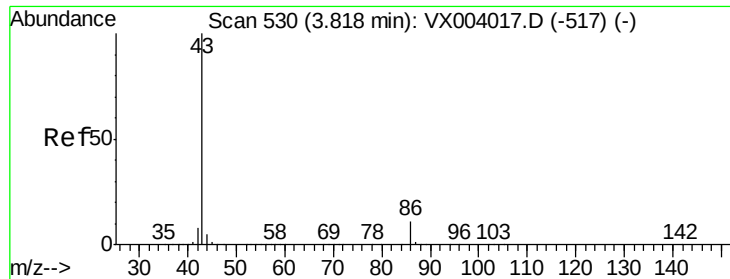
87 27.5 21.4 32.0

59 11.5 9.0 13.4



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: 935.561 ug/l

RT: 3.82 min Scan# 530

Delta R.T. -0.00 min

Lab File: VX004019.D

Acq: 14 Aug 2018 01:51

Instrument :

MSVOA_X

ClientSampleId :

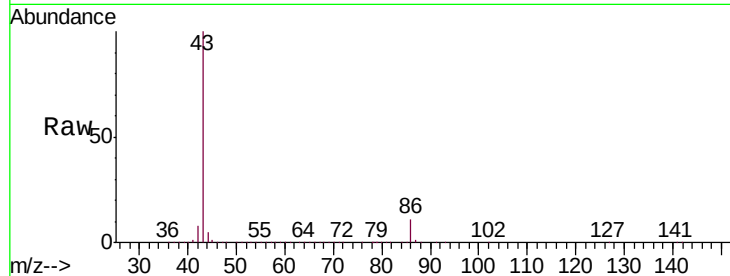
VSTDICC

Tgt Ion: 43 Resp: 6619938

Ion Ratio Lower Upper

43 100

86 11.4 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

2500000

2000000

1500000

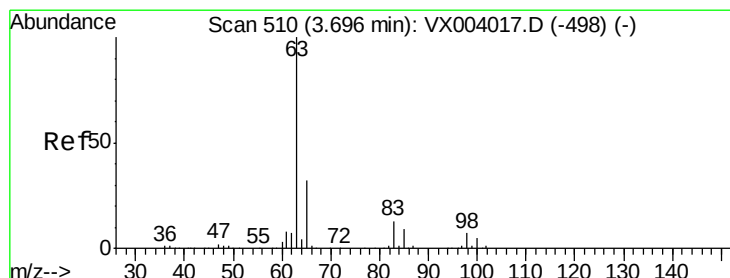
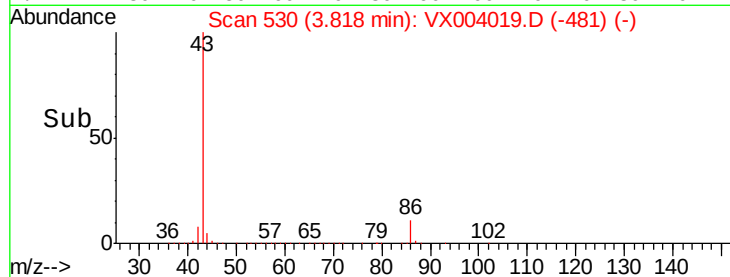
1000000

500000

0

Time-->

3.60 3.80 4.00 4.20



#24

1,1-Dichloroethane

Concen: 159.925 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX004019.D

Acq: 14 Aug 2018 01:51

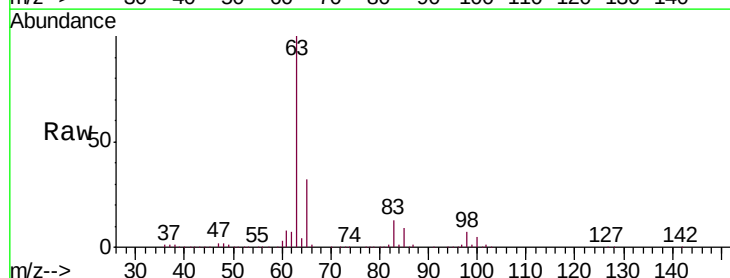
Tgt Ion: 63 Resp: 786906

Ion Ratio Lower Upper

63 100

98 7.1 3.4 10.1

100 4.5 2.3 6.9



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

3.70

400000

300000

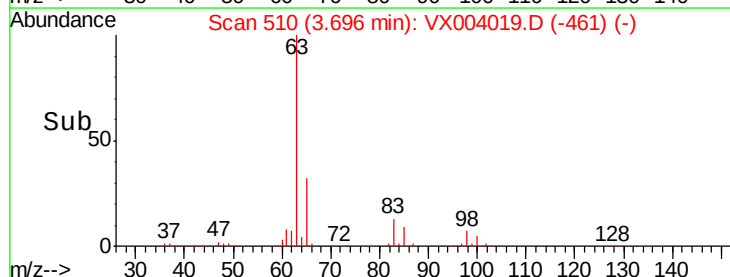
200000

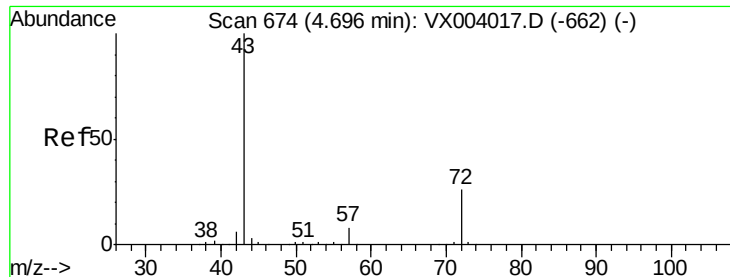
100000

0

Time-->

3.50 3.60 3.70 3.80 3.90





#25

2-Butanone

Concen: 949.861 ug/l

RT: 4.70 min Scan# 674

Delta R.T. -0.00 min

Lab File: VX004019.D

Acq: 14 Aug 2018 01:51

Instrument :

MSVOA_X

ClientSampleId :

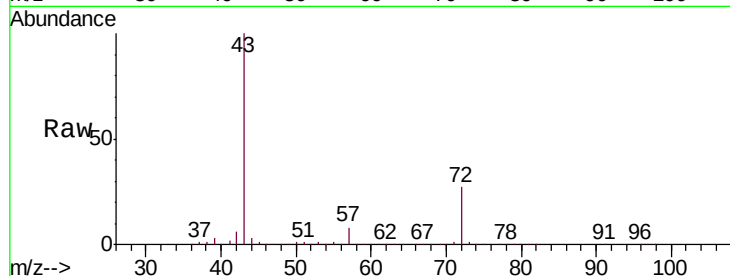
VSTDICC

Tgt Ion: 43 Resp: 2491579

Ion Ratio Lower Upper

43 100

72 26.7 21.1 31.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

800000

600000

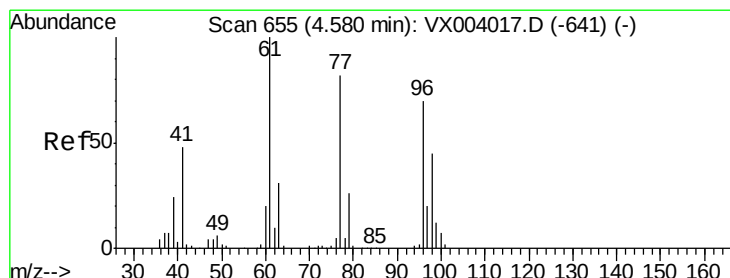
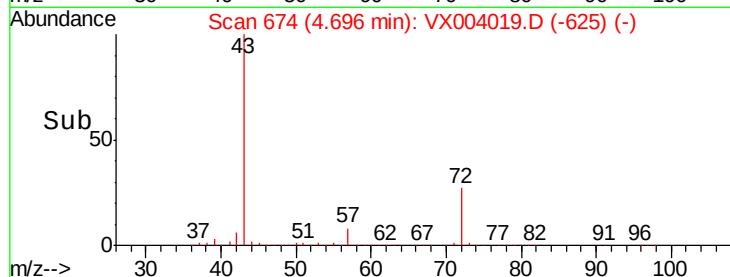
400000

200000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 128.554 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.01 min

Lab File: VX004019.D

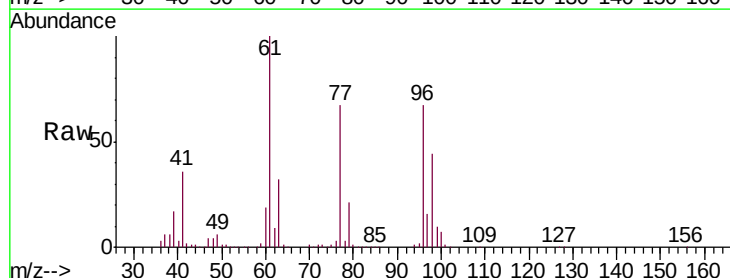
Acq: 14 Aug 2018 01:51

Tgt Ion: 77 Resp: 435362

Ion Ratio Lower Upper

77 100

97 24.4 12.3 36.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

150000

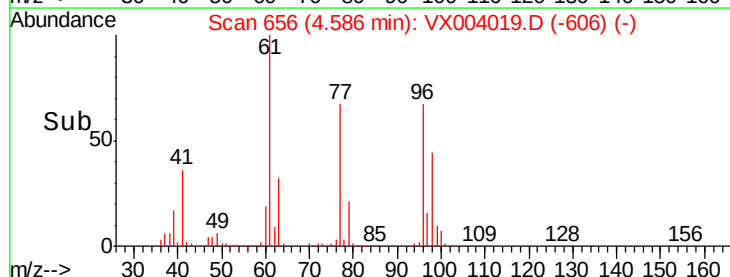
100000

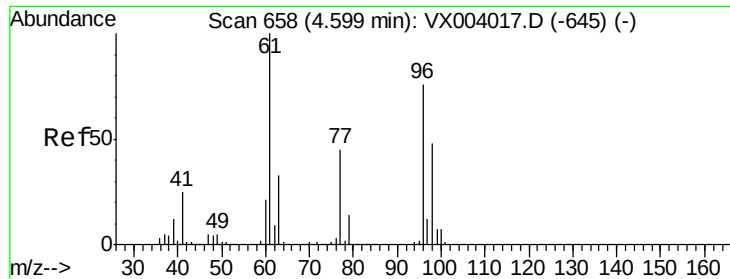
50000

0

4.40 4.50 4.60 4.70

Time-->



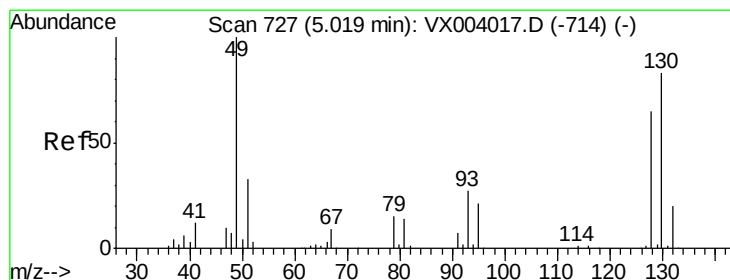
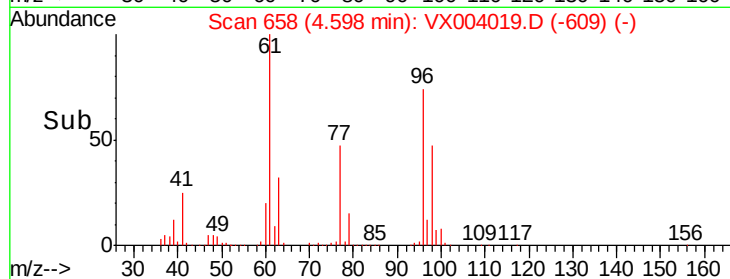
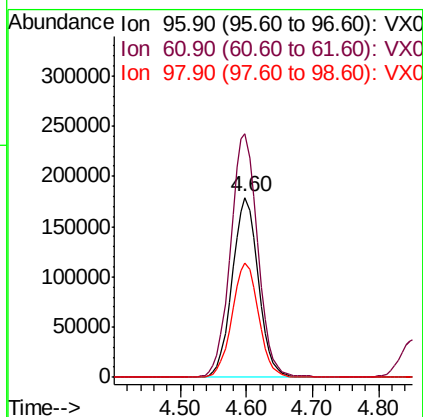
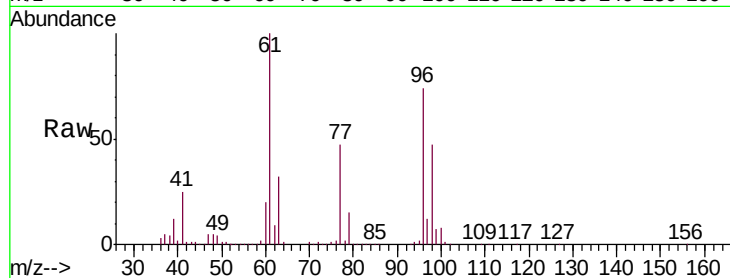


#27

cis-1,2-Dichloroethene
Concen: 169.145 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.00 min
Lab File: VX004019.D
Acq: 14 Aug 2018 01:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC

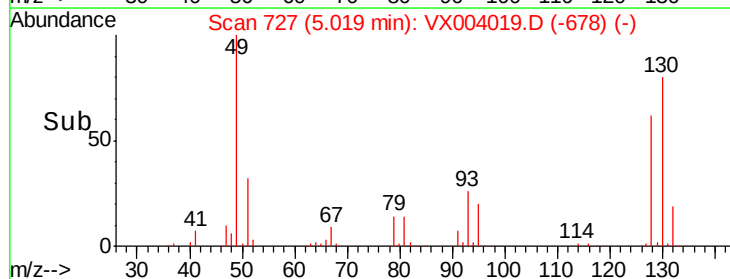
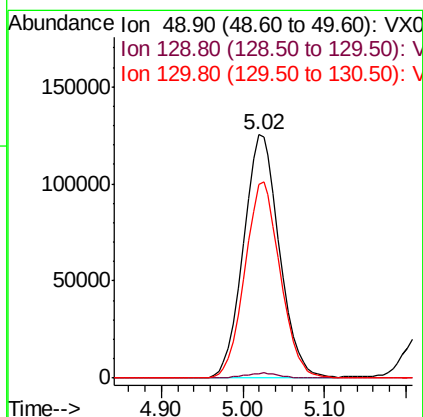
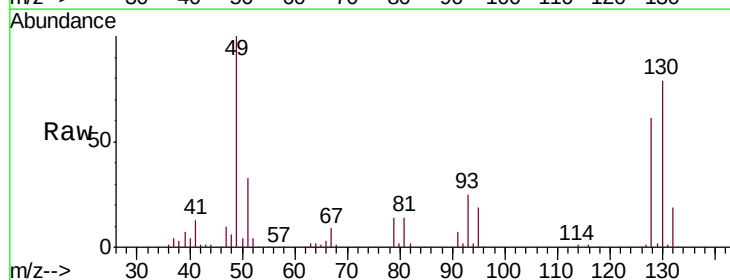
Tgt Ion	Ratio	Lower	Upper
96	100		
61	141.0	0.0	281.8
98	64.4	0.0	128.4

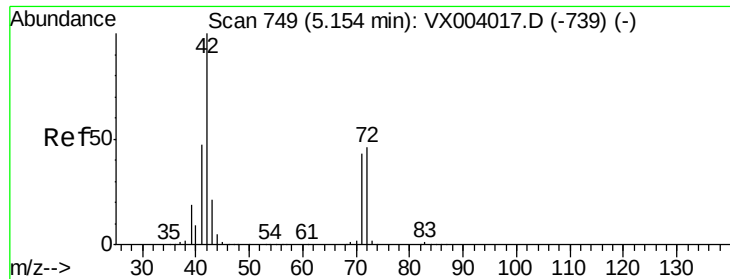


#28

Bromochloromethane
Concen: 177.880 ug/l
RT: 5.02 min Scan# 727
Delta R.T. -0.00 min
Lab File: VX004019.D
Acq: 14 Aug 2018 01:51

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.2
130	79.5	65.8	98.8





#29

Tetrahydrofuran

Concen: 944.866 ug/l

RT: 5.15 min Scan# 749

Delta R.T. -0.00 min

Lab File: VX004019.D

Acq: 14 Aug 2018 01:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC

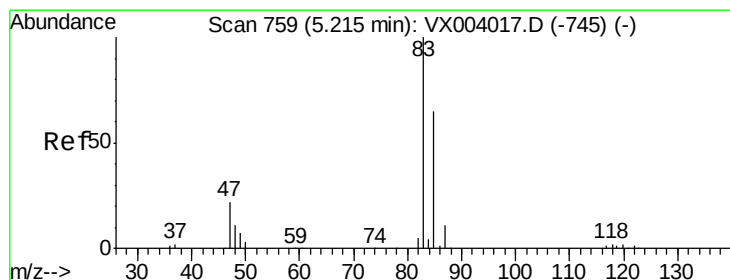
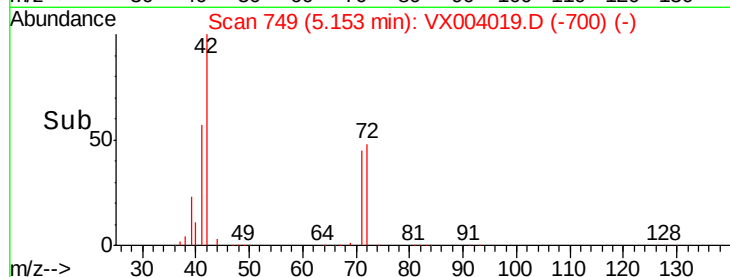
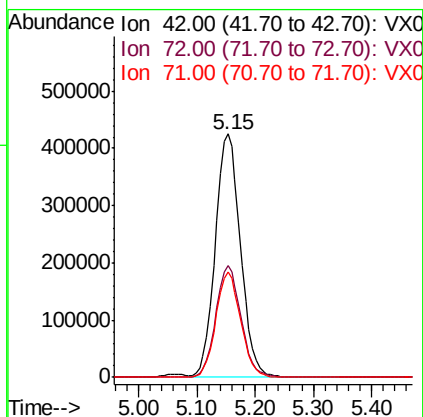
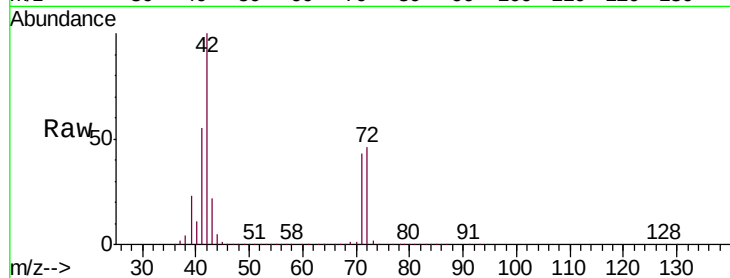
Tgt Ion: 42 Resp: 1270639

Ion Ratio Lower Upper

42 100

72 45.7 37.2 55.8

71 42.7 34.6 51.8



#30

Chloroform

Concen: 168.957 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.01 min

Lab File: VX004019.D

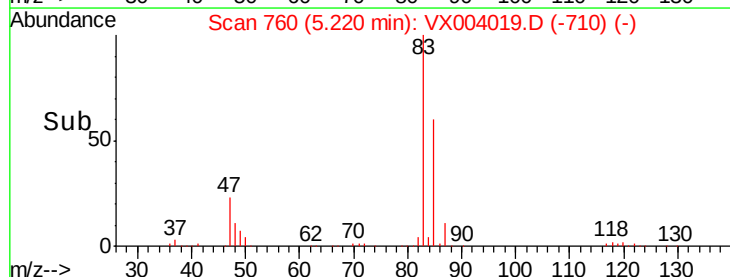
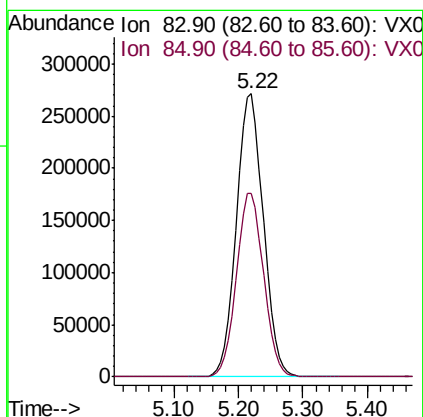
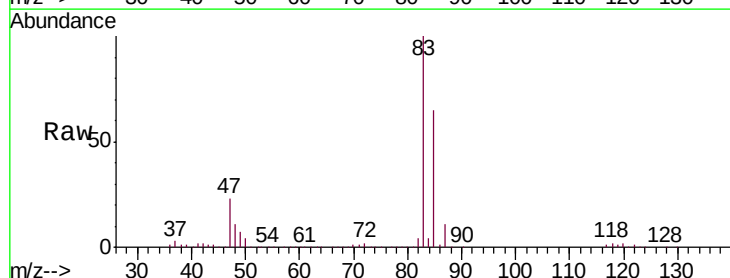
Acq: 14 Aug 2018 01:51

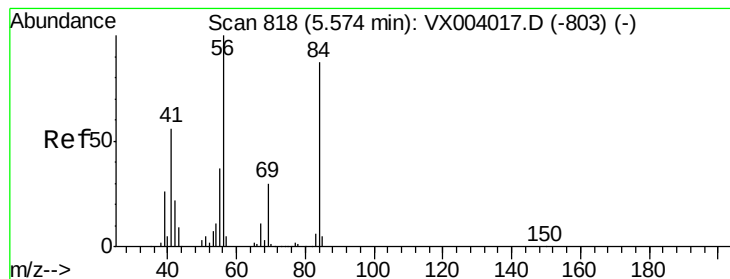
Tgt Ion: 83 Resp: 787193

Ion Ratio Lower Upper

83 100

85 64.8 51.8 77.6





#31

Cyclohexane

Concen: 128.957 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX004019.D

Acq: 14 Aug 2018 01:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC

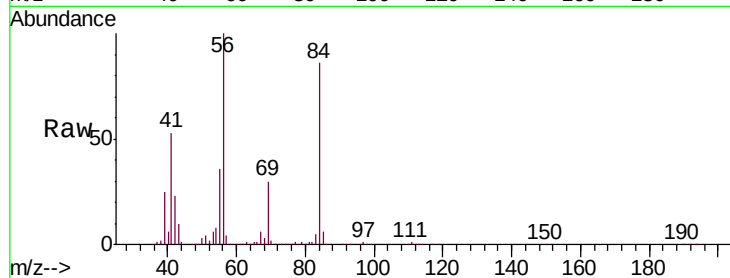
Tgt Ion: 56 Resp: 507322

Ion Ratio Lower Upper

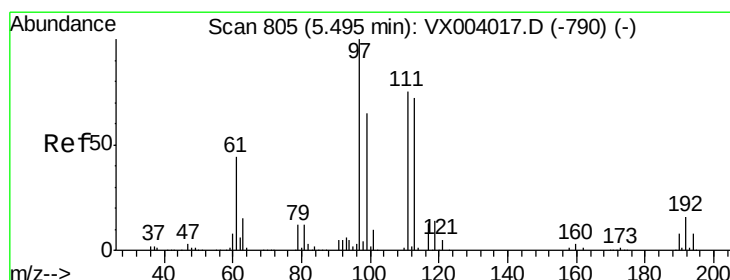
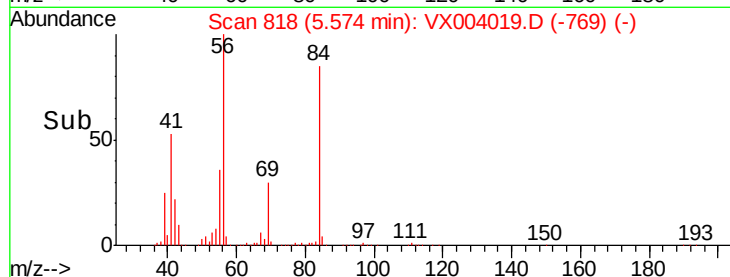
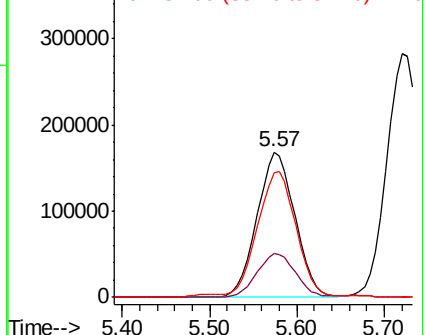
56 100

69 30.0 23.7 35.5

84 84.5 69.8 104.6



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: 158.737 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX004019.D

Acq: 14 Aug 2018 01:51

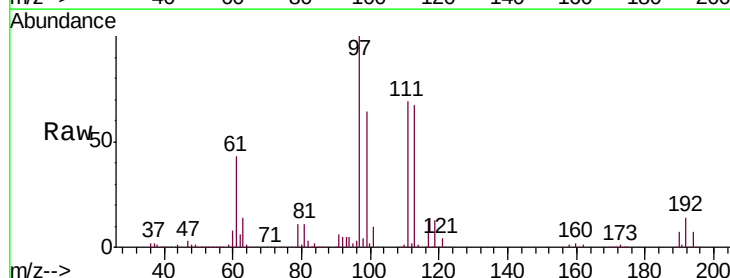
Tgt Ion: 97 Resp: 606272

Ion Ratio Lower Upper

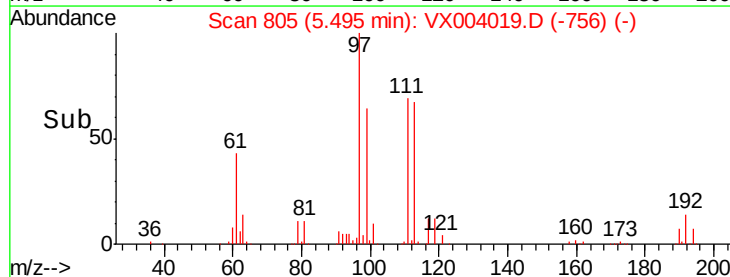
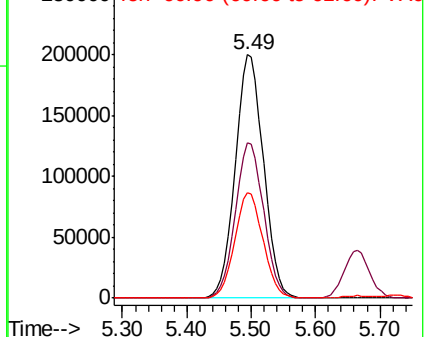
97 100

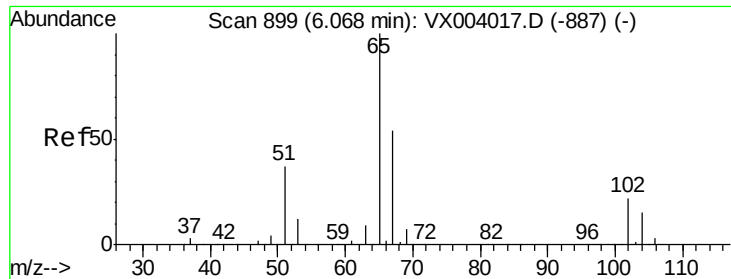
99 64.0 52.0 78.0

61 43.6 35.8 53.6



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

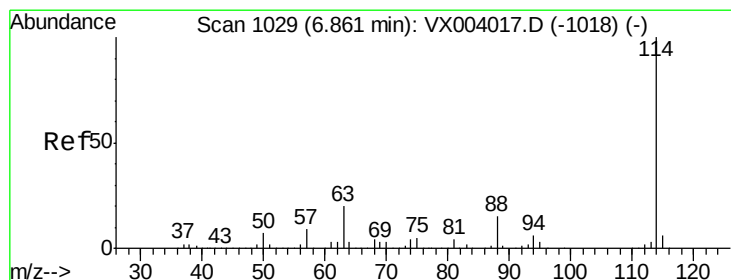
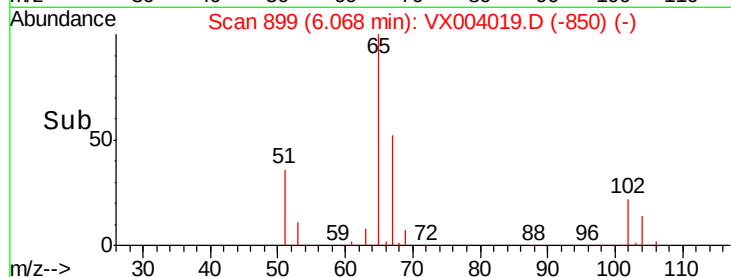
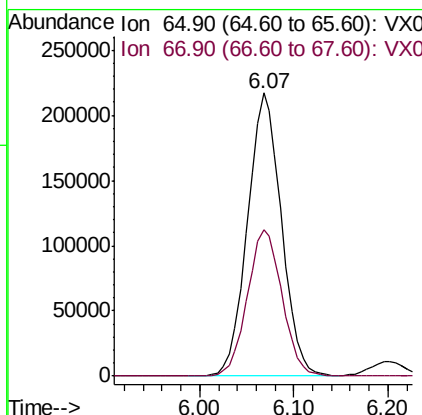
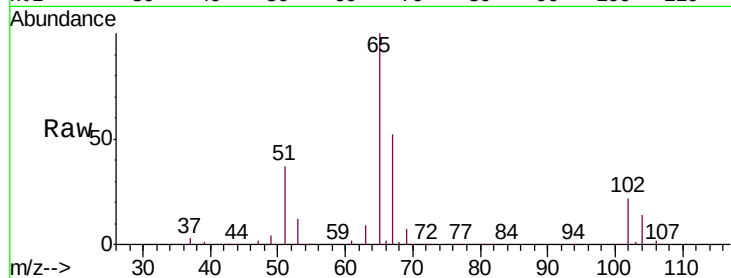




#33
 1,2-Dichloroethane-d4
 Concen: 184.203 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VX004019.D
 Acq: 14 Aug 2018 01:51

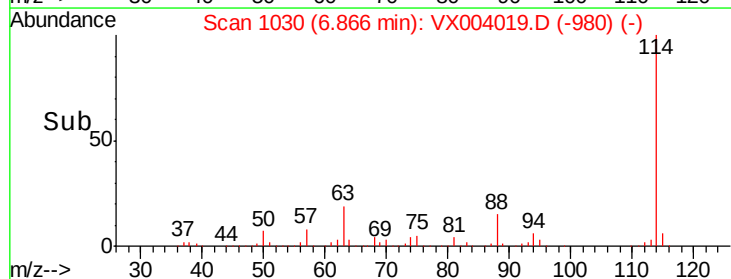
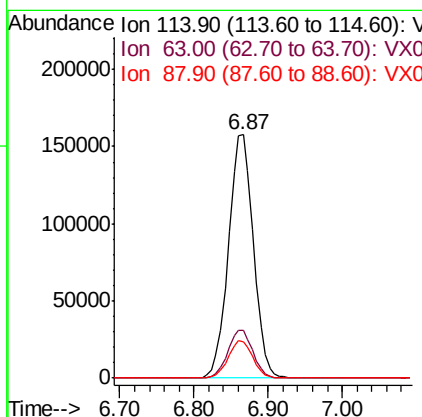
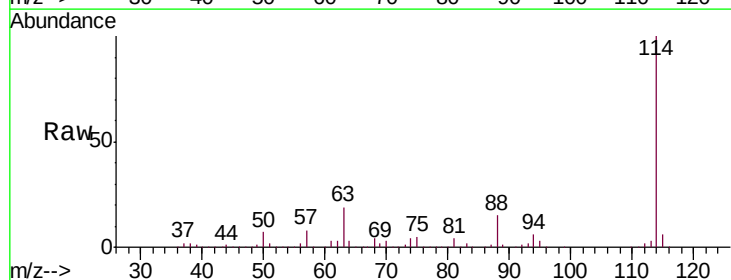
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC

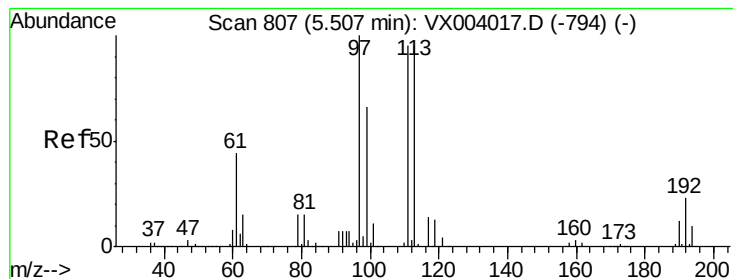
Tgt Ion: 65 Resp: 548579
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.01 min
 Lab File: VX004019.D
 Acq: 14 Aug 2018 01:51

Tgt Ion: 114 Resp: 368926
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 40.4
 88 14.9 0.0 30.4





#35

Dibromofluoromethane

Concen: 152.312 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX004019.D

Acq: 14 Aug 2018 01:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC

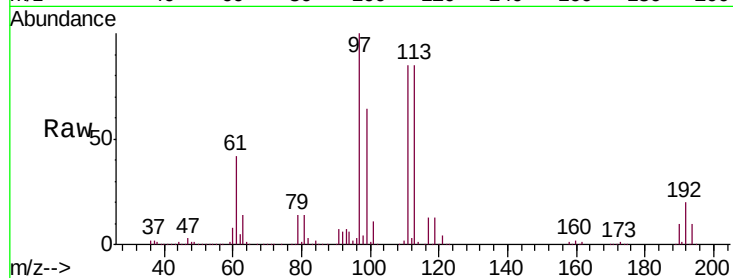
Tgt Ion:113 Resp: 430706

Ion Ratio Lower Upper

113 100

111 102.6 82.4 123.6

192 23.1 19.0 28.6

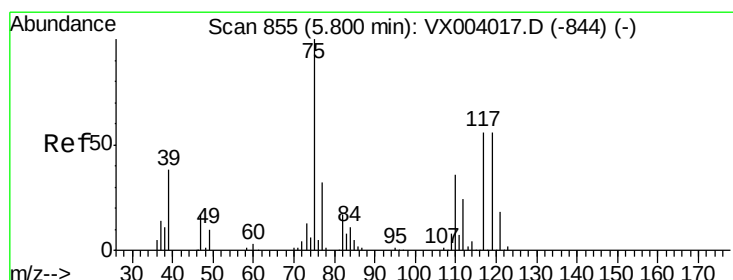
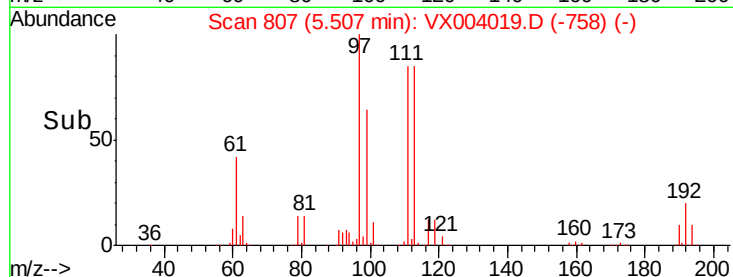
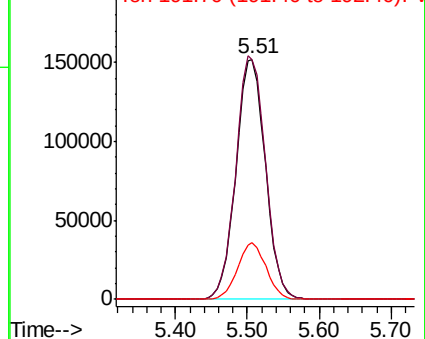


Abundance

Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 128.334 ug/l

RT: 5.80 min Scan# 855

Delta R.T. -0.00 min

Lab File: VX004019.D

Acq: 14 Aug 2018 01:51

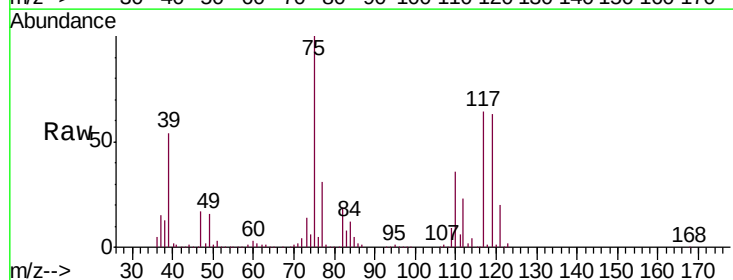
Tgt Ion: 75 Resp: 519607

Ion Ratio Lower Upper

75 100

110 35.5 18.1 54.3

77 30.9 24.6 37.0

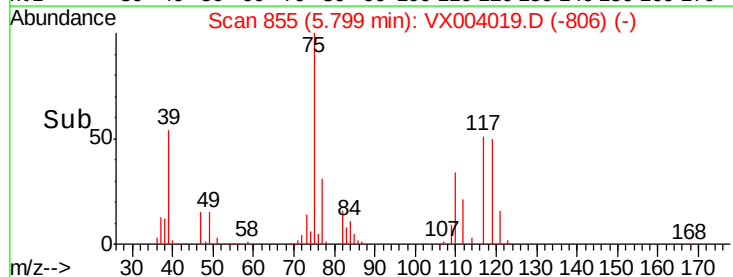
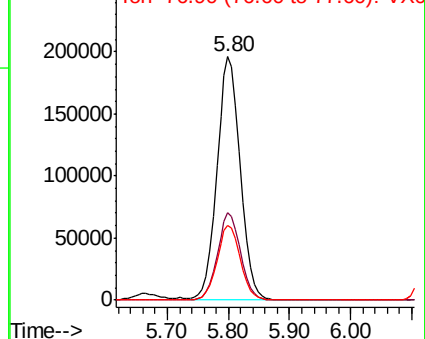


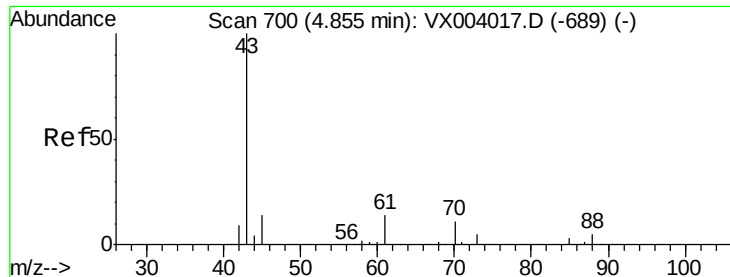
Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 166.162 ug/l

RT: 4.85 min Scan# 700

Delta R.T. -0.00 min

Lab File: VX004019.D

Acq: 14 Aug 2018 01:51

Instrument :

MSVOA_X

ClientSampled :

VSTDICC

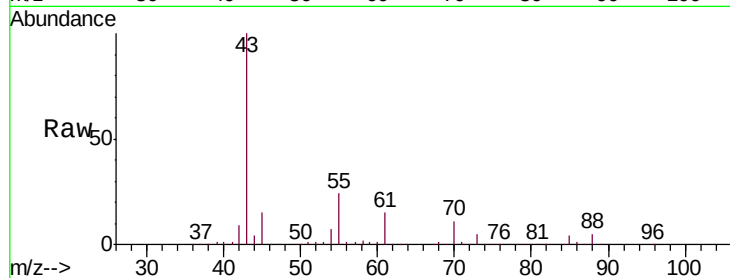
Tgt Ion: 43 Resp: 766080

Ion Ratio Lower Upper

43 100

61 14.4 11.8 17.8

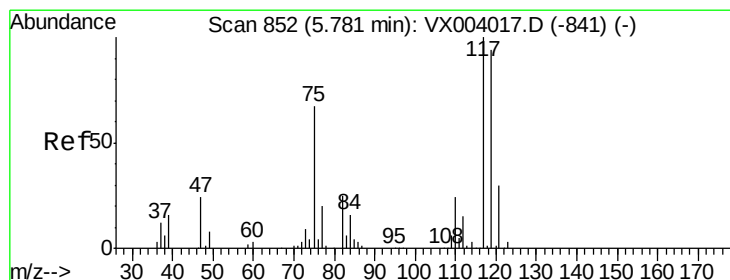
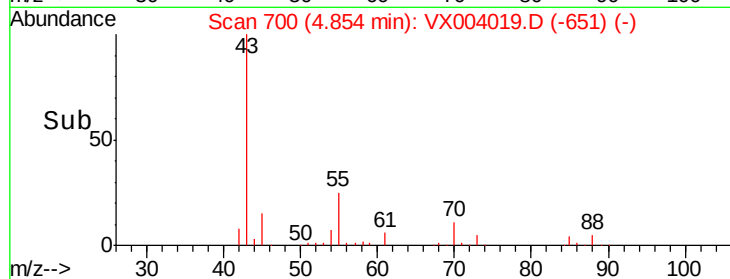
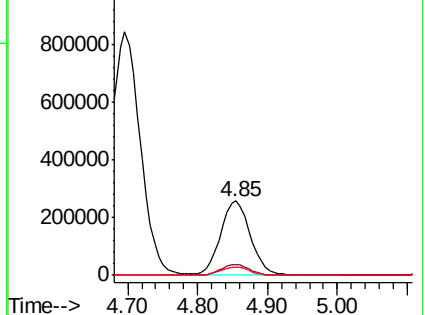
70 11.0 8.9 13.3



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: 128.233 ug/l

RT: 5.79 min Scan# 853

Delta R.T. 0.01 min

Lab File: VX004019.D

Acq: 14 Aug 2018 01:51

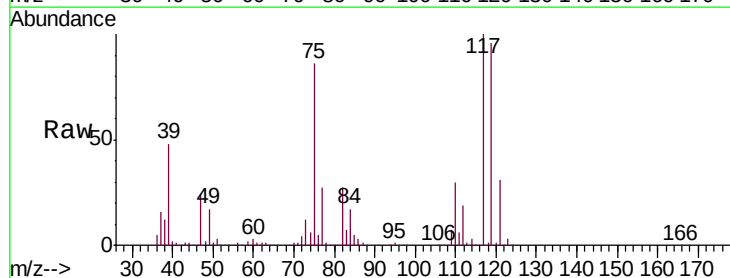
Tgt Ion: 117 Resp: 492102

Ion Ratio Lower Upper

117 100

119 96.3 74.8 112.2

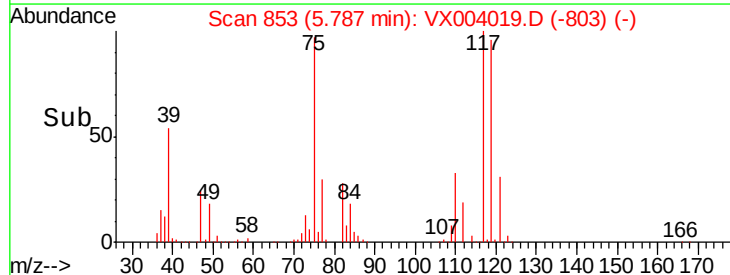
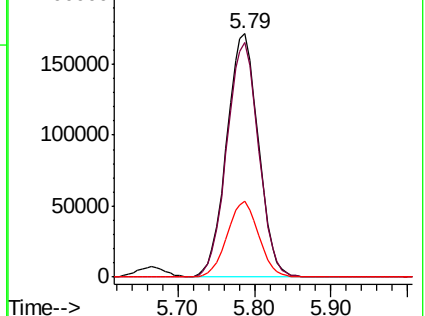
121 31.1 24.1 36.1

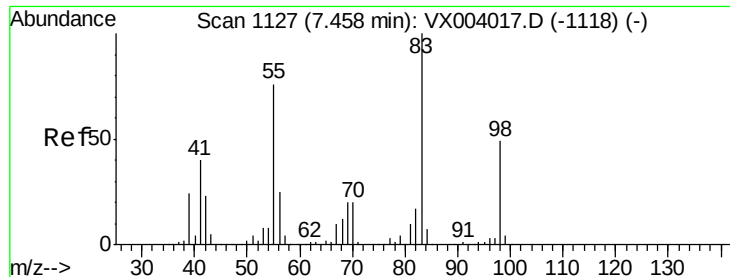


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

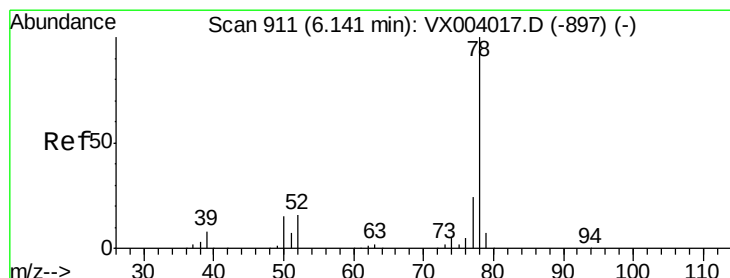
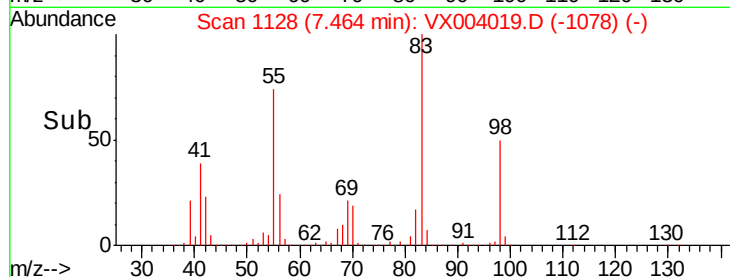
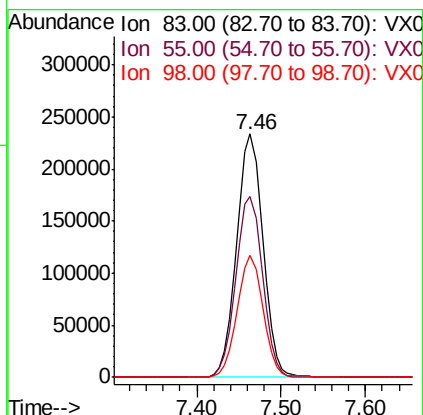
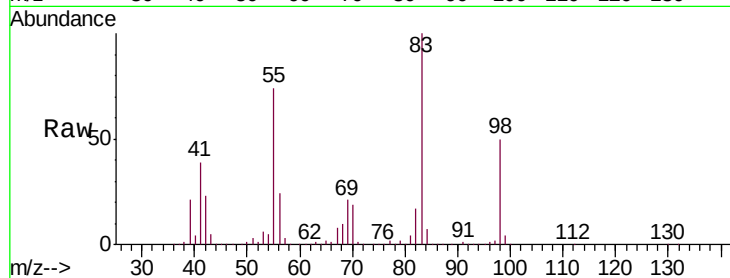




#39
Methylcyclohexane
Concen: 107.015 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.01 min
Lab File: VX004019.D
Acq: 14 Aug 2018 01:51

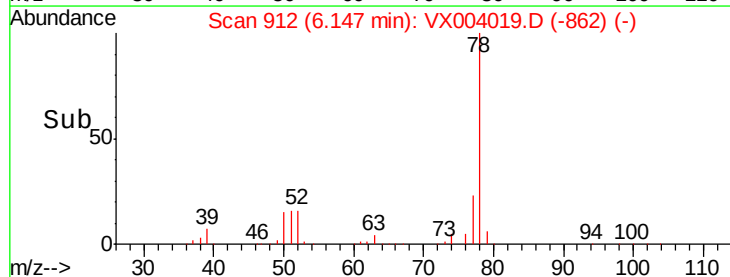
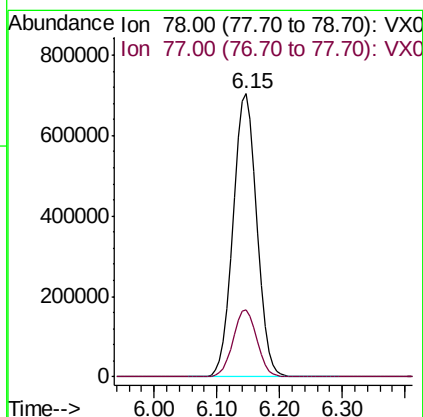
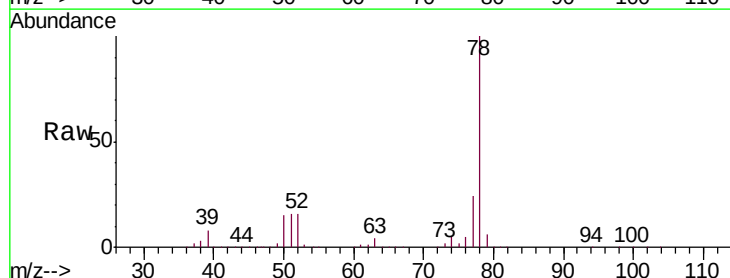
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC

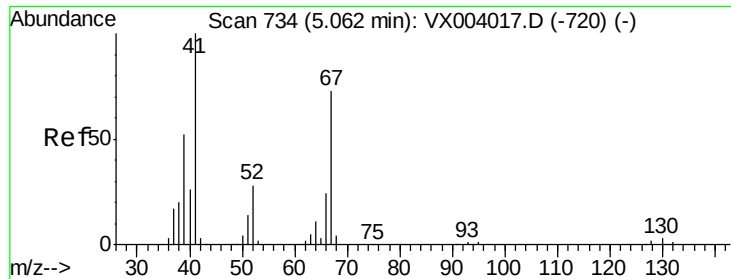
Tgt Ion: 83 Resp: 492732
Ion Ratio Lower Upper
83 100
55 74.3 60.8 91.2
98 50.0 39.0 58.4



#40
Benzene
Concen: 148.040 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.01 min
Lab File: VX004019.D
Acq: 14 Aug 2018 01:51

Tgt Ion: 78 Resp: 1844164
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.4

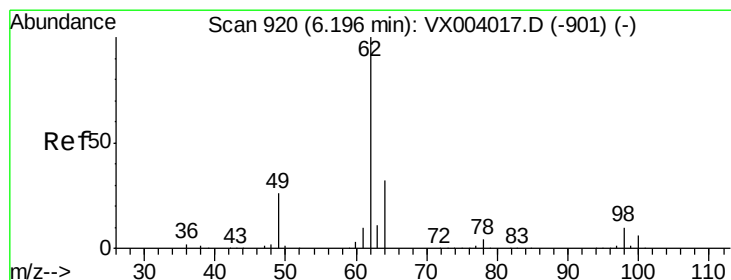
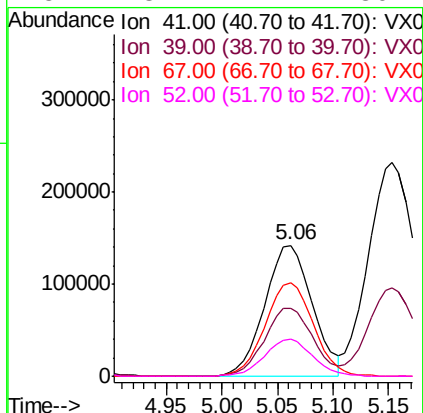
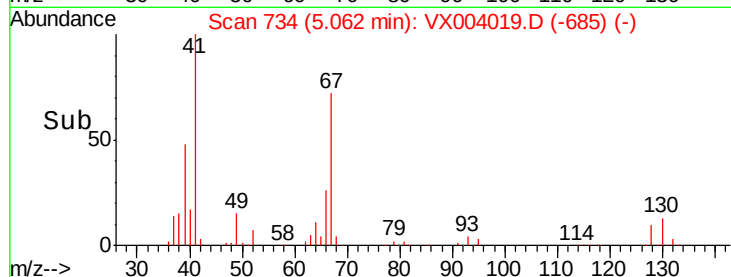
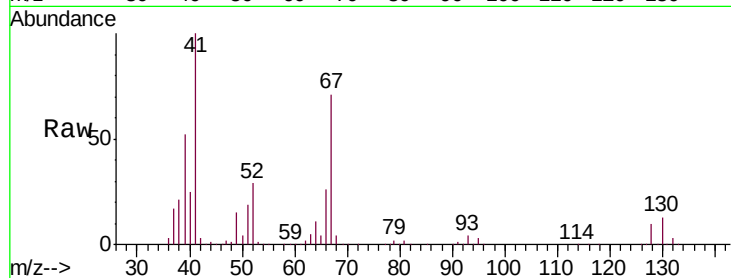




#41
Methacrylonitrile
Concen: 166.765 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.00 min
Lab File: VX004019.D
Acq: 14 Aug 2018 01:51

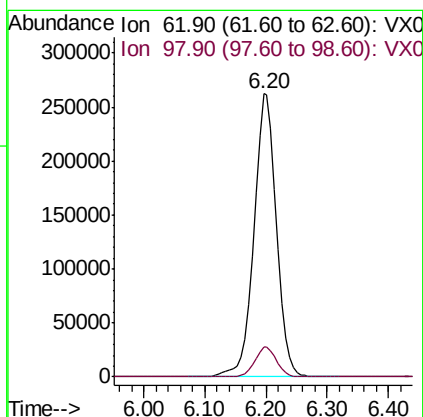
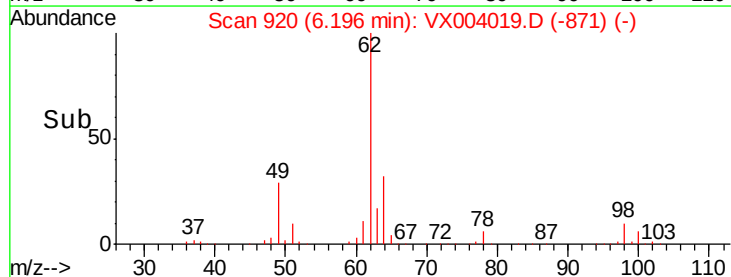
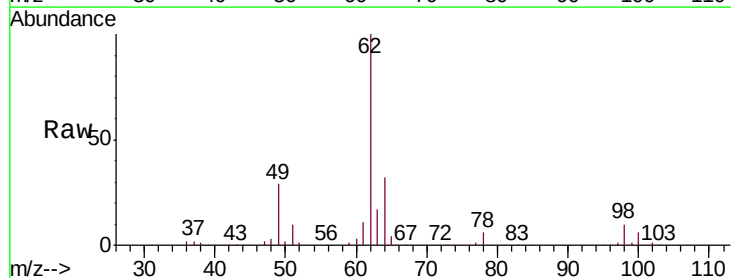
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC

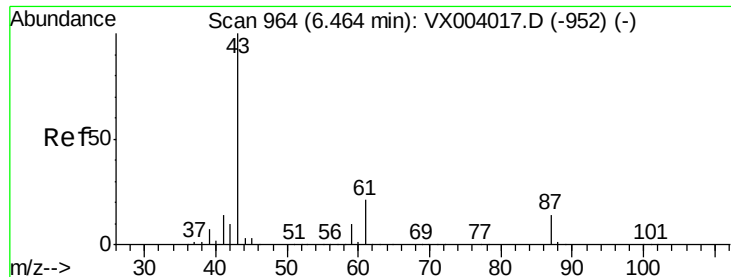
Tgt Ion:	41	Resp:	422767
Ion	Ratio	Lower	Upper
41	100		
39	52.6	42.3	63.5
67	72.8	58.9	88.3
52	28.7	24.2	36.2



#42
1,2-Dichloroethane
Concen: 158.327 ug/l
RT: 6.20 min Scan# 920
Delta R.T. -0.00 min
Lab File: VX004019.D
Acq: 14 Aug 2018 01:51

Tgt Ion:	62	Resp:	676735
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.2





#43

Isopropyl Acetate

Concen: 171.856 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.00 min

Lab File: VX004019.D

Acq: 14 Aug 2018 01:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC

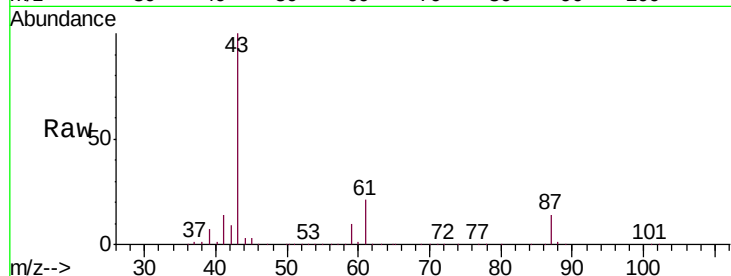
Tgt Ion: 43 Resp: 1193585

Ion Ratio Lower Upper

43 100

61 21.1 16.6 24.8

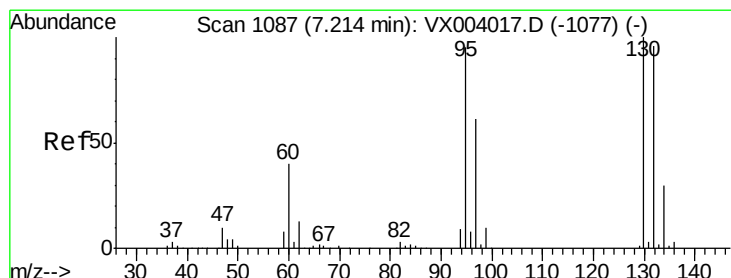
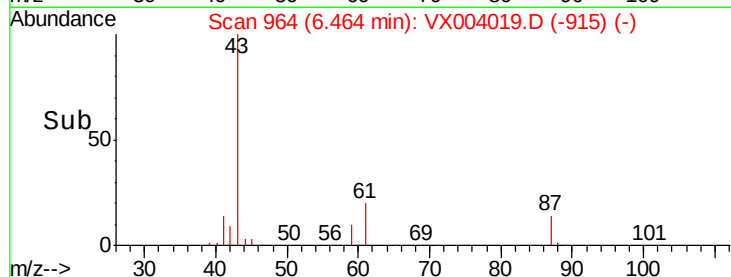
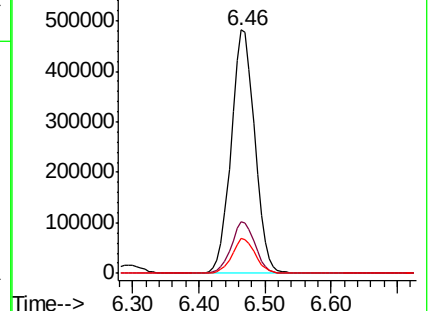
87 14.1 11.1 16.7



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: 139.562 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX004019.D

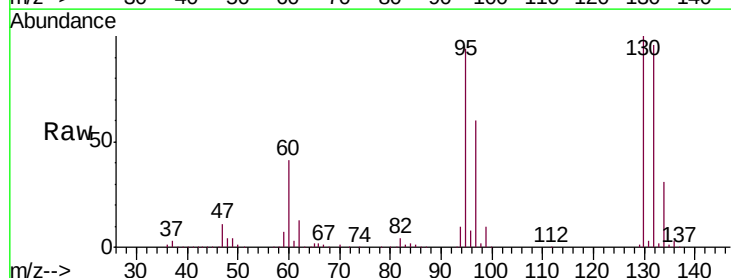
Acq: 14 Aug 2018 01:51

Tgt Ion: 130 Resp: 471082

Ion Ratio Lower Upper

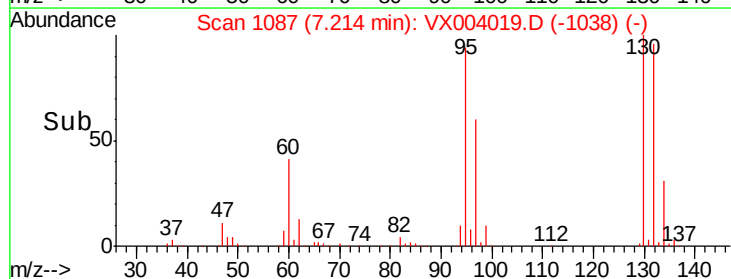
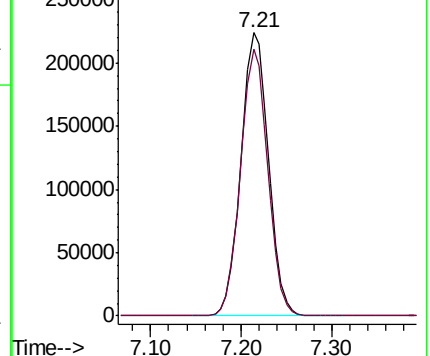
130 100

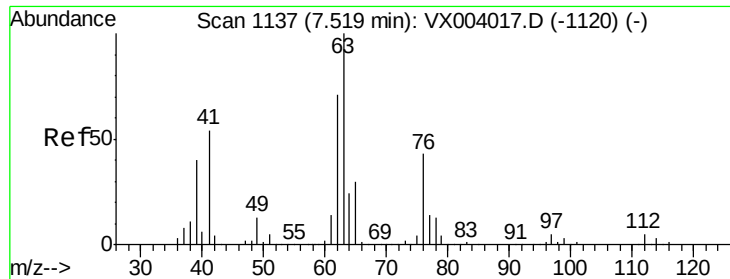
95 94.3 0.0 190.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

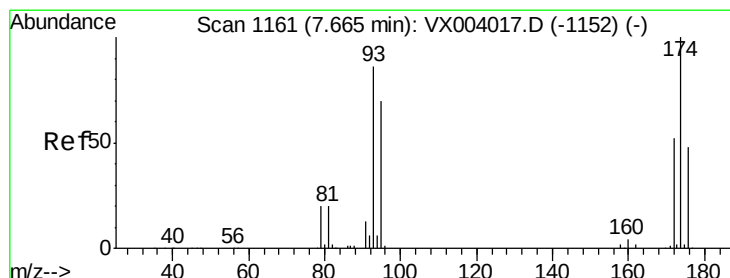
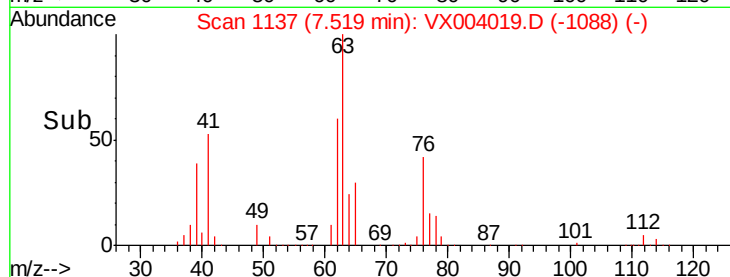
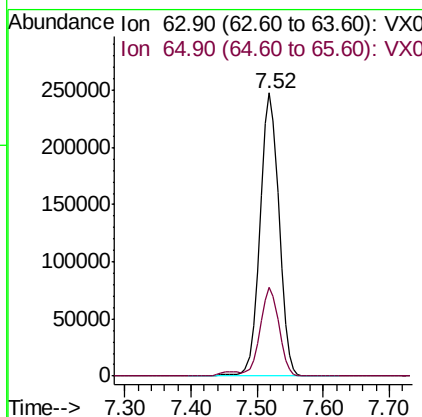
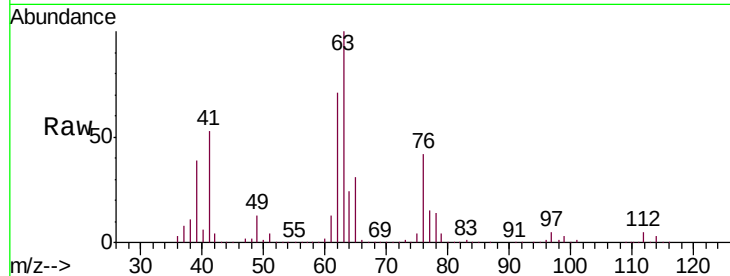




#45
 1,2-Dichloropropane
 Concen: 153.510 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX004019.D
 Acq: 14 Aug 2018 01:51

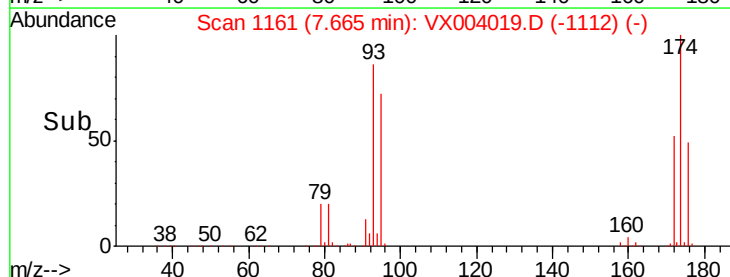
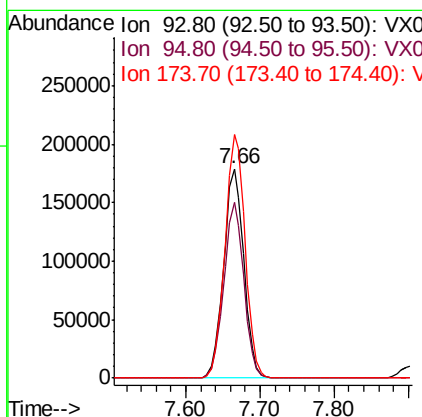
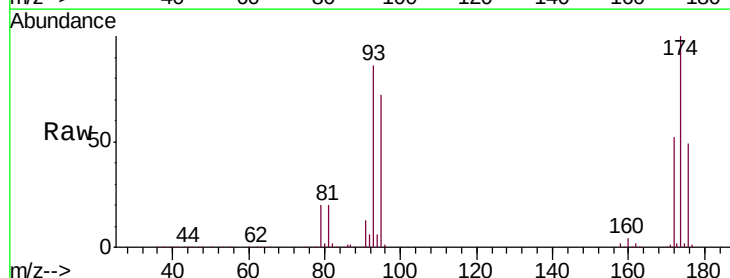
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC

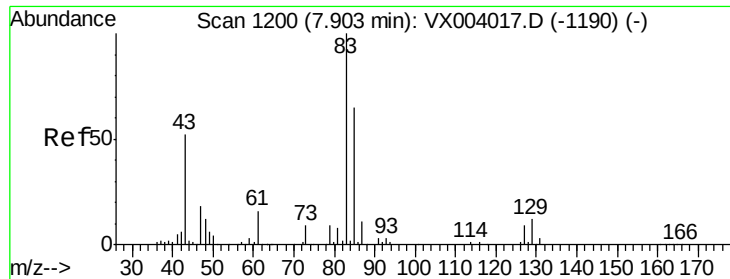
Tgt Ion: 63 Resp: 495319
 Ion Ratio Lower Upper
 63 100
 65 31.2 23.9 35.9



#46
 Dibromomethane
 Concen: 159.763 ug/l
 RT: 7.66 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX004019.D
 Acq: 14 Aug 2018 01:51

Tgt Ion: 93 Resp: 337346
 Ion Ratio Lower Upper
 93 100
 95 83.1 66.5 99.7
 174 116.3 93.1 139.7





#47

Bromodichloromethane

Concen: 163.332 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX004019.D

Acq: 14 Aug 2018 01:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC

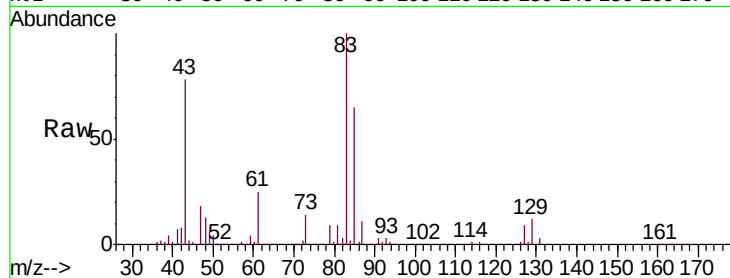
Tgt Ion: 83 Resp: 645720

Ion Ratio Lower Upper

83 100

85 64.8 52.3 78.5

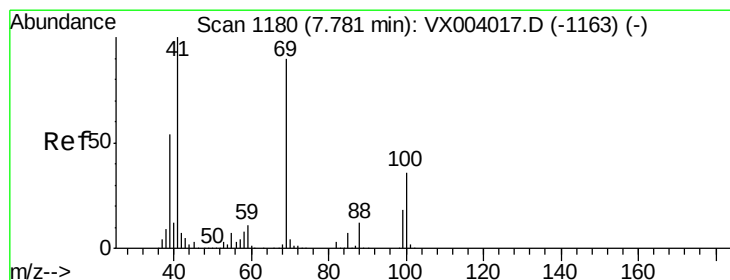
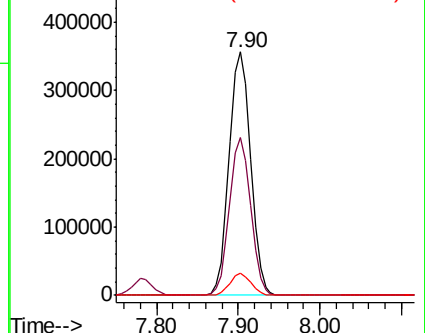
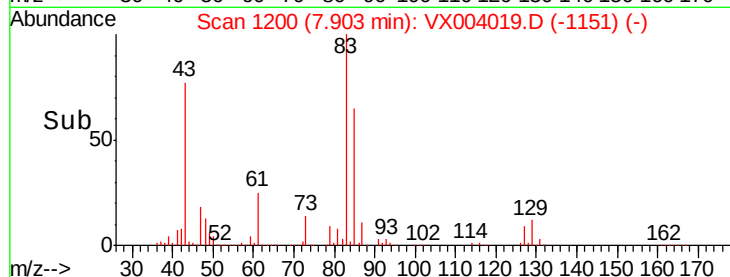
127 8.9 7.3 10.9



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: 178.261 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX004019.D

Acq: 14 Aug 2018 01:51

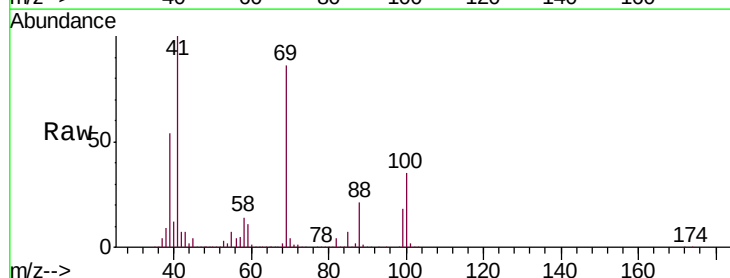
Tgt Ion: 41 Resp: 628860

Ion Ratio Lower Upper

41 100

69 87.0 69.4 104.2

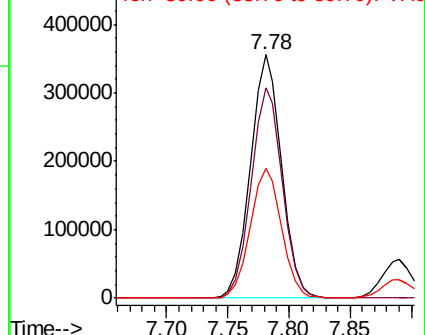
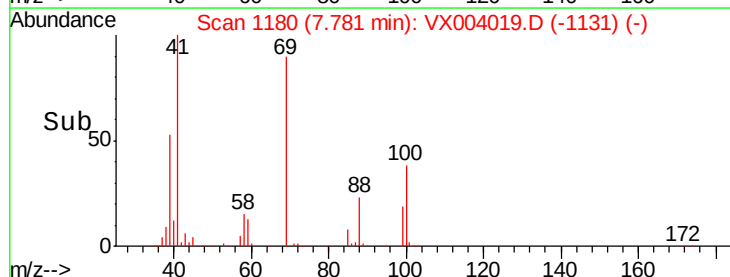
39 53.8 42.7 64.1

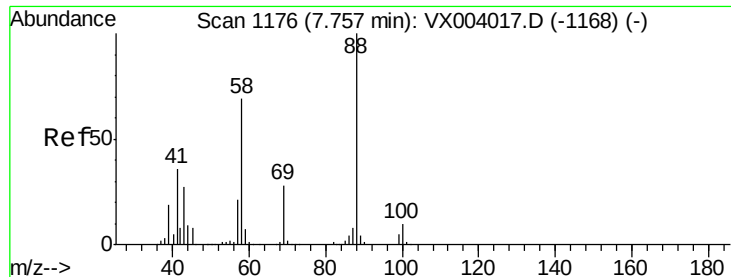


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 3384.945 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. 0.01 min

Lab File: VX004019.D

Acq: 14 Aug 2018 01:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC

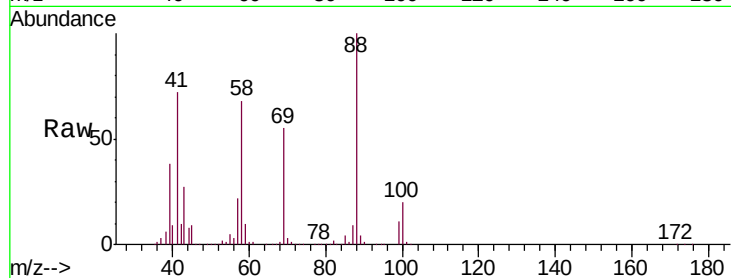
Tgt Ion: 88 Resp: 279255

Ion Ratio Lower Upper

88 100

43 30.3 24.6 37.0

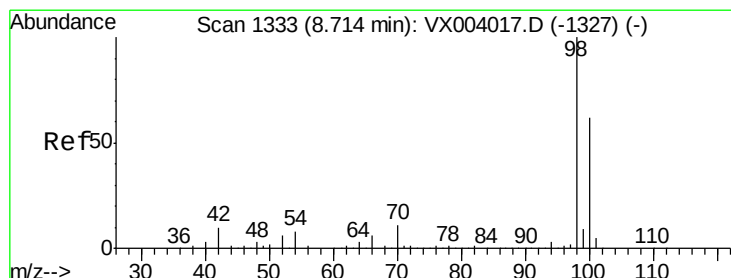
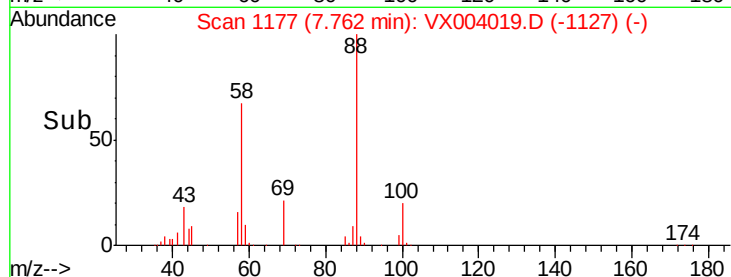
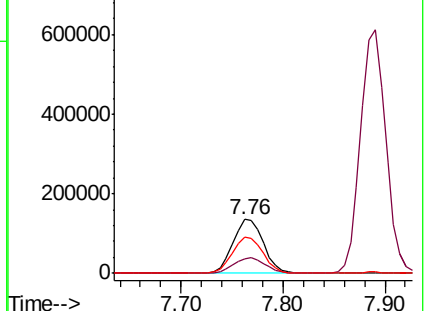
58 68.4 55.8 83.8



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 152.240 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.01 min

Lab File: VX004019.D

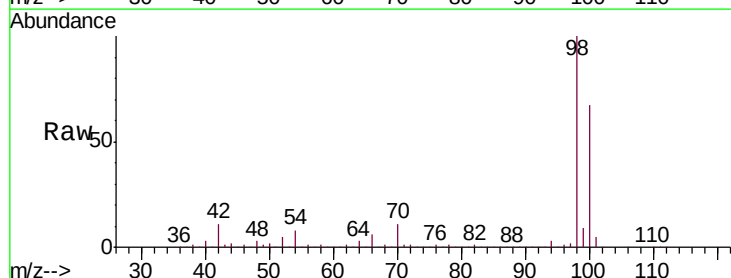
Acq: 14 Aug 2018 01:51

Tgt Ion: 98 Resp: 1661383

Ion Ratio Lower Upper

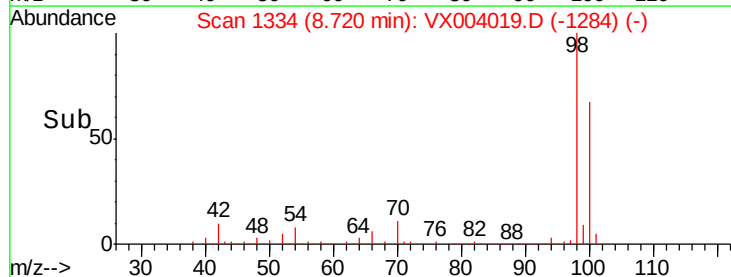
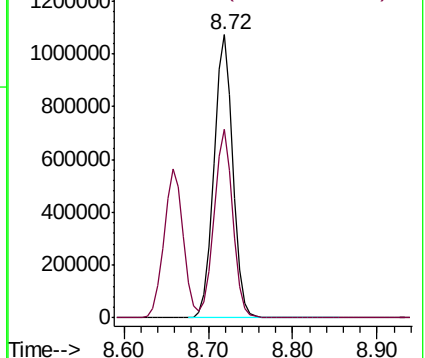
98 100

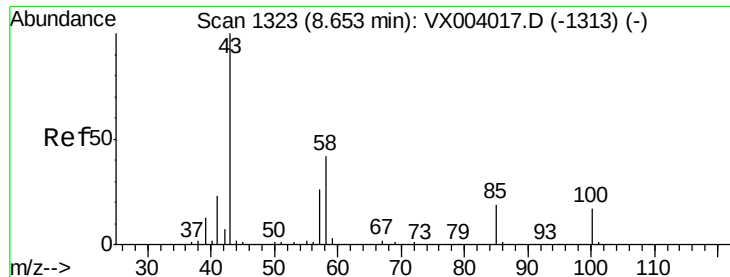
100 66.0 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 876.573 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.01 min

Lab File: VX004019.D

Acq: 14 Aug 2018 01:51

Instrument :

MSVOA_X

ClientSampleId :

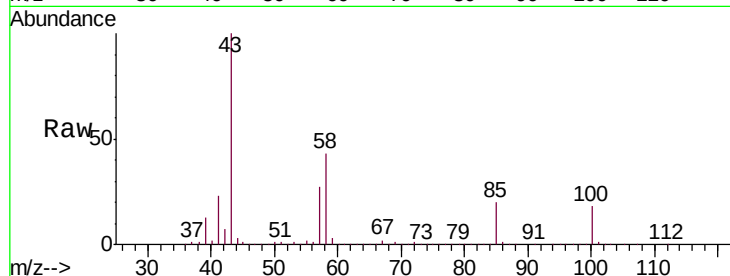
VSTDICC

Tgt Ion: 43 Resp: 5047775

Ion Ratio Lower Upper

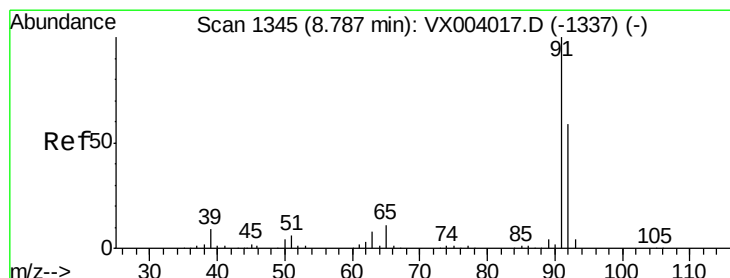
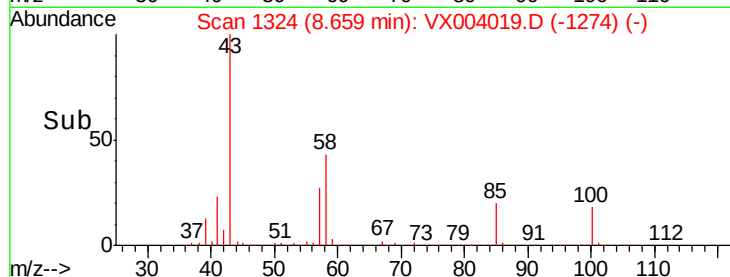
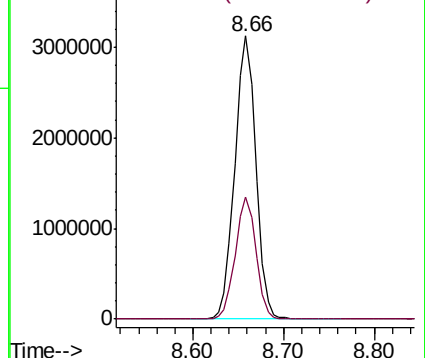
43 100

58 42.4 33.2 49.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 150.724 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX004019.D

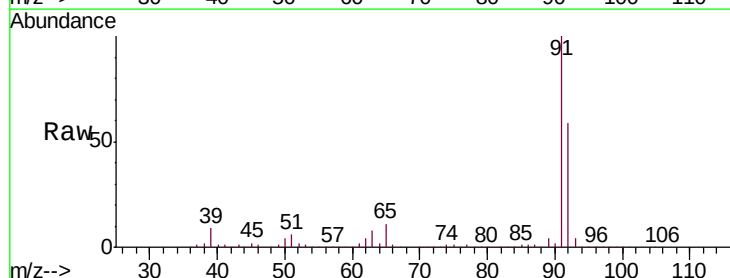
Acq: 14 Aug 2018 01:51

Tgt Ion: 92 Resp: 1181204

Ion Ratio Lower Upper

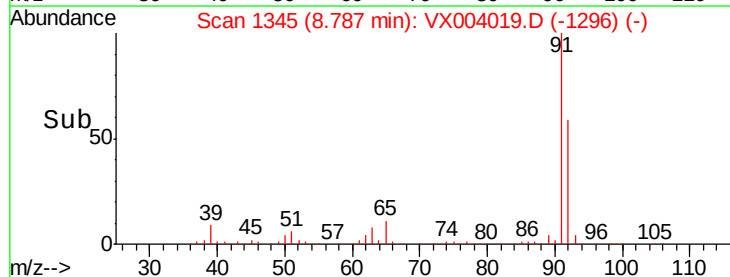
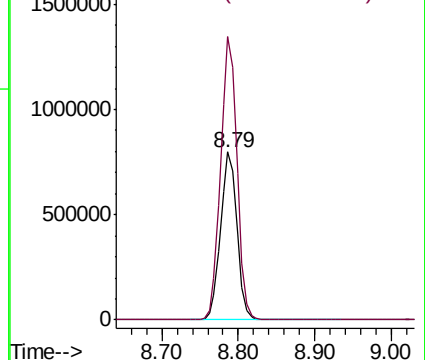
92 100

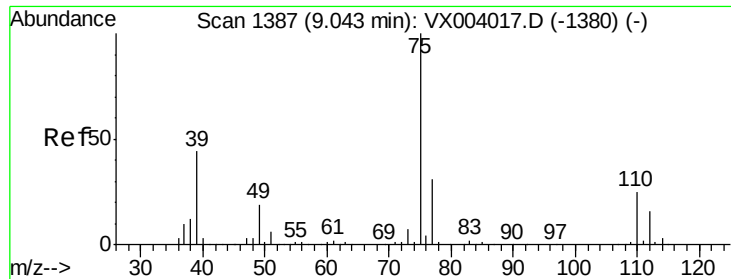
91 169.3 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

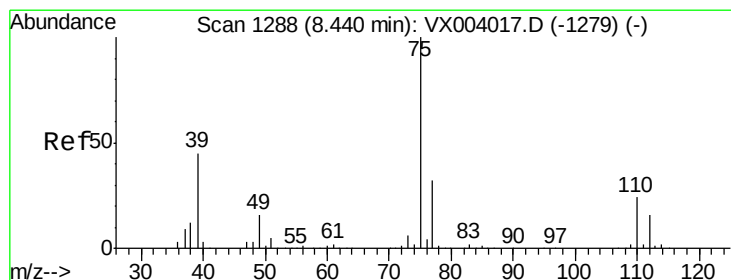
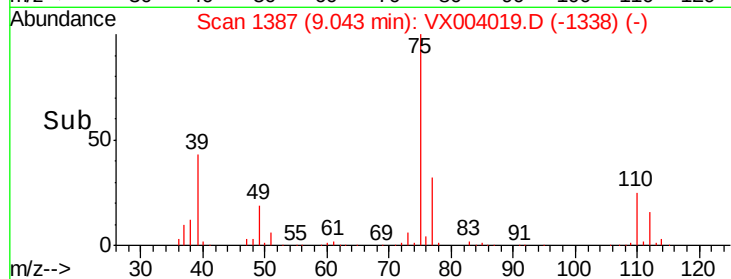
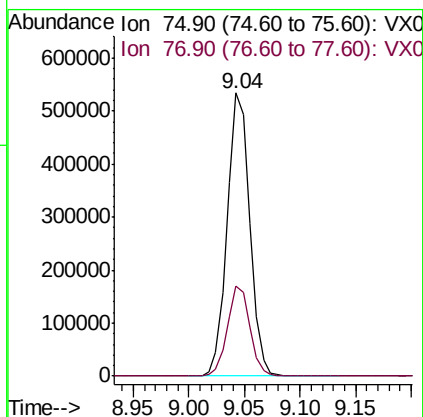
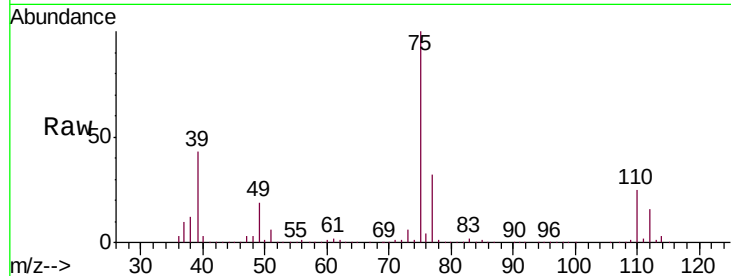




#53
 t-1,3-Dichloropropene
 Concen: 169.155 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. -0.00 min
 Lab File: VX004019.D
 Acq: 14 Aug 2018 01:51

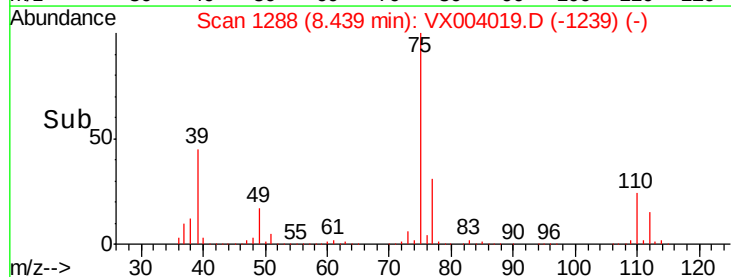
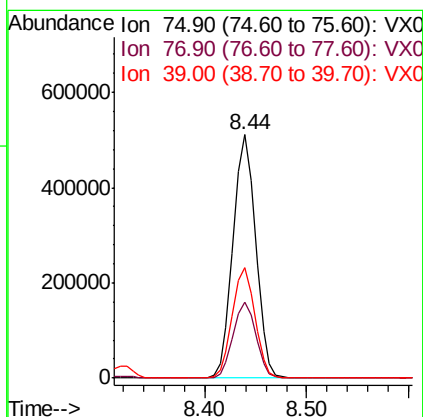
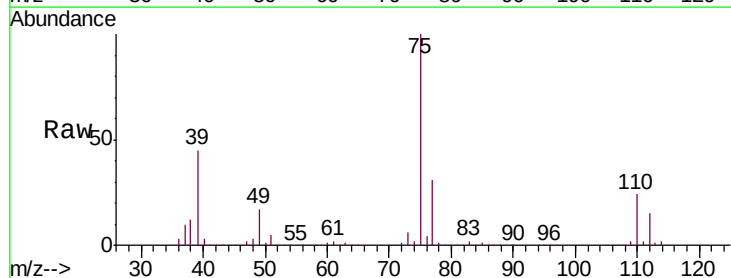
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC

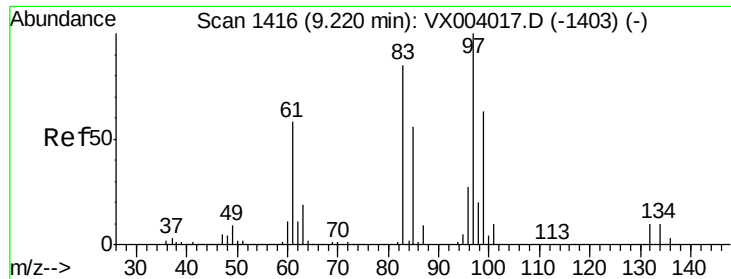
Tgt Ion: 75 Resp: 748790
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 164.398 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. -0.00 min
 Lab File: VX004019.D
 Acq: 14 Aug 2018 01:51

Tgt Ion: 75 Resp: 783636
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.4 38.2
 39 45.1 35.6 53.4

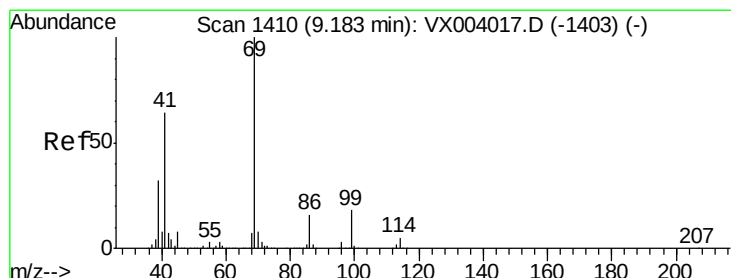
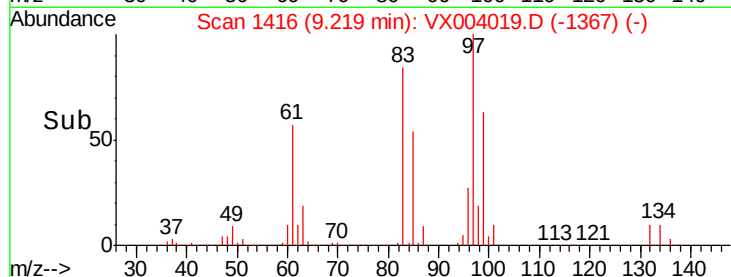
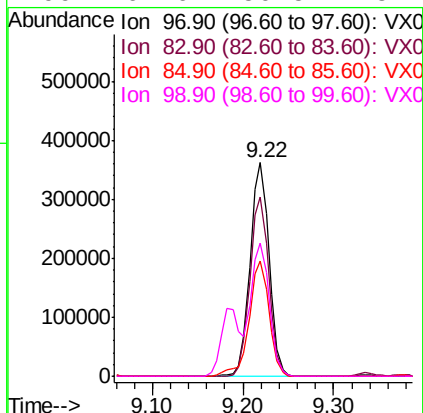
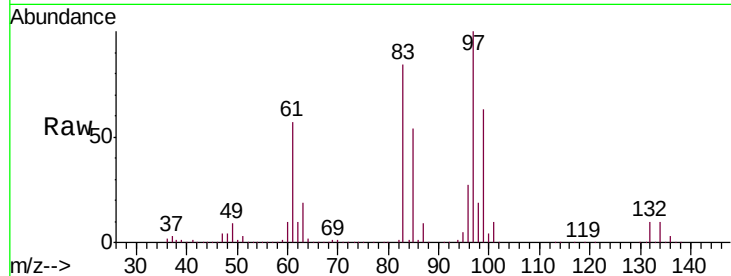




#55
 1,1,2-Trichloroethane
 Concen: 162.037 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX004019.D
 Acq: 14 Aug 2018 01:51

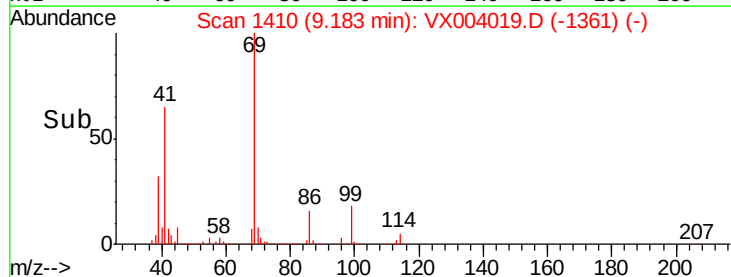
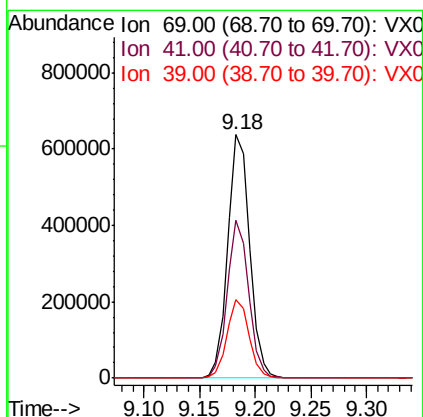
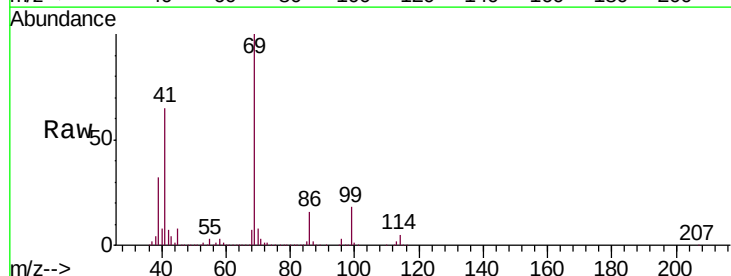
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDICC

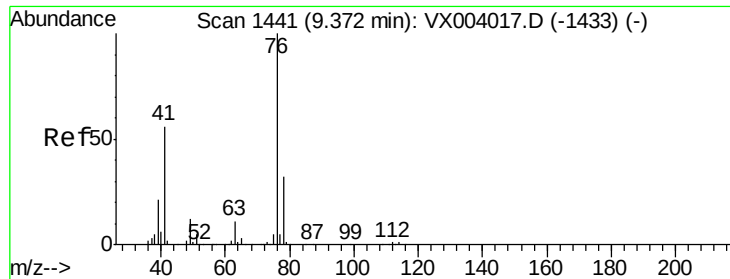
Tgt Ion:	97	Resp:	526206
Ion	Ratio	Lower	Upper
97	100		
83	83.6	68.0	102.0
85	54.2	44.6	66.8
99	62.6	50.5	75.7



#56
 Ethyl methacrylate
 Concen: 185.604 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX004019.D
 Acq: 14 Aug 2018 01:51

Tgt Ion:	69	Resp:	870892
Ion	Ratio	Lower	Upper
69	100		
41	63.3	50.7	76.1
39	32.2	26.3	39.5

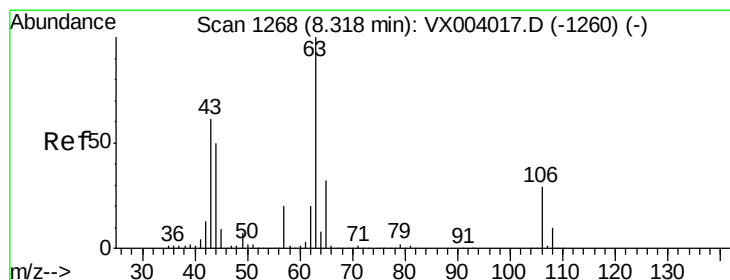
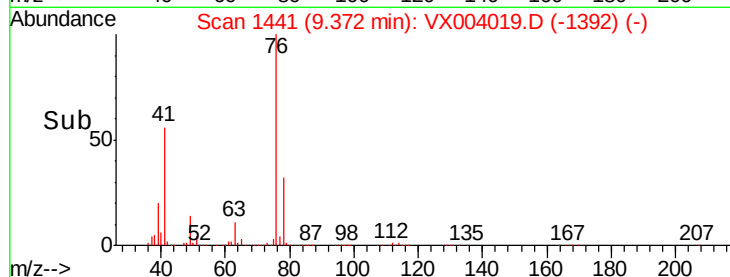
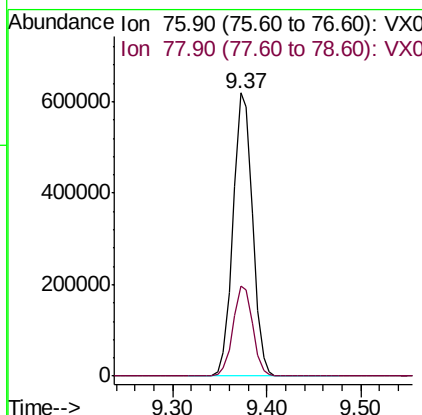
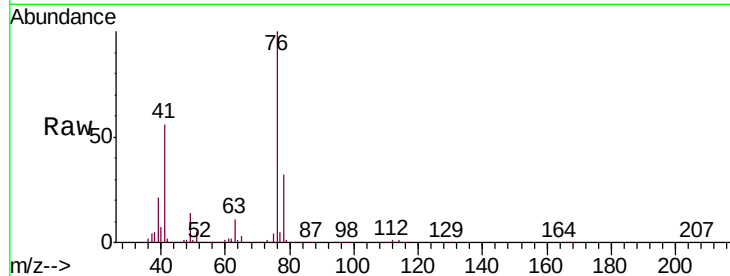




#57
 1,3-Dichloropropane
 Concen: 162.482 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. -0.00 min
 Lab File: VX004019.D
 Acq: 14 Aug 2018 01:51

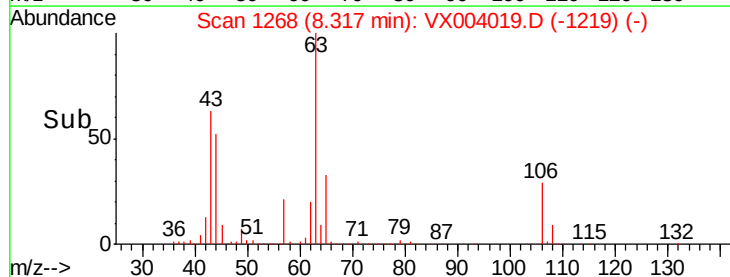
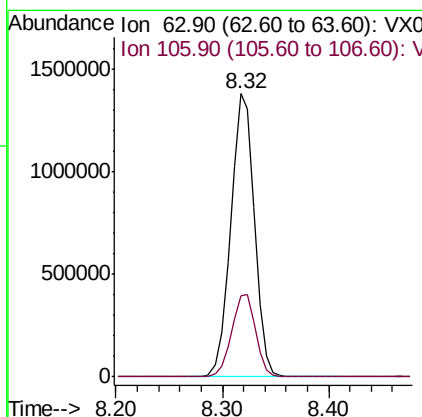
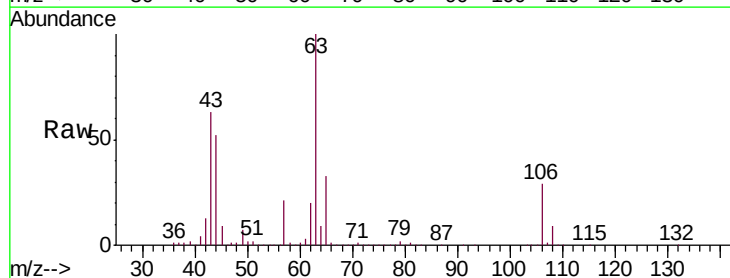
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC

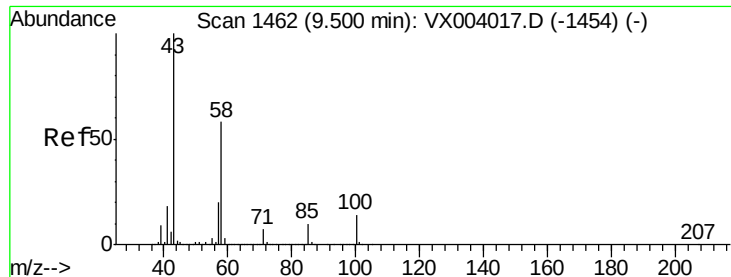
Tgt Ion: 76 Resp: 887906
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 924.253 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX004019.D
 Acq: 14 Aug 2018 01:51

Tgt Ion: 63 Resp: 2151461
 Ion Ratio Lower Upper
 63 100
 106 29.7 23.6 35.4

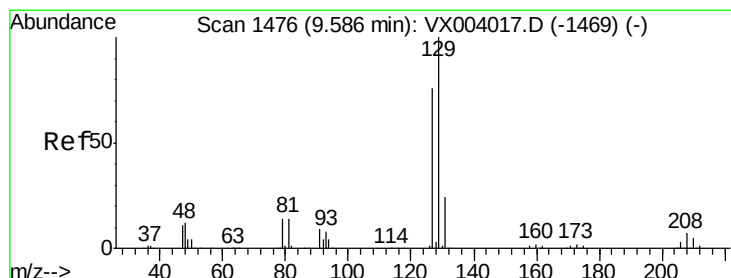
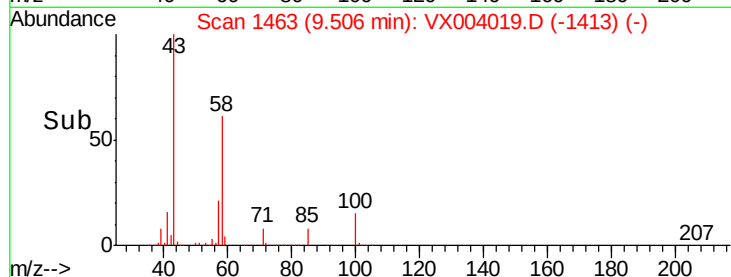
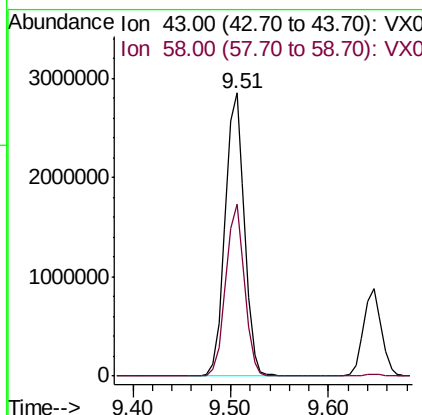
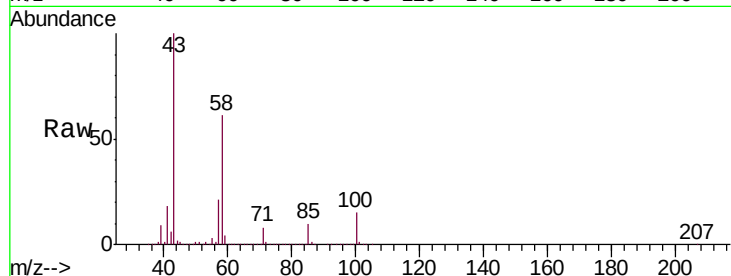




#59
2-Hexanone
Concen: 901.229 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.01 min
Lab File: VX004019.D
Acq: 14 Aug 2018 01:51

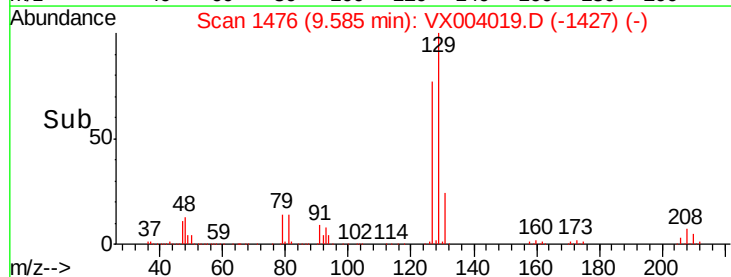
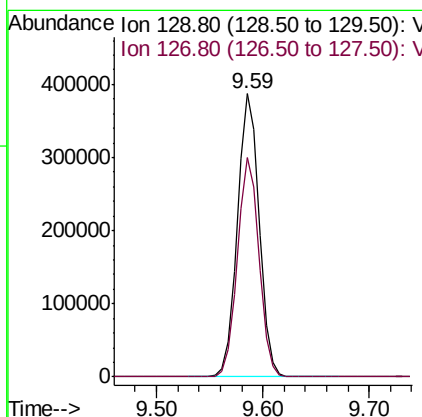
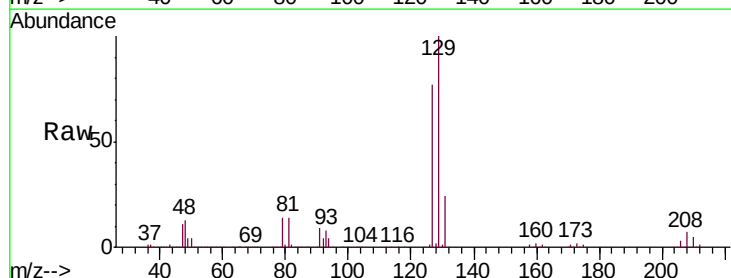
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC

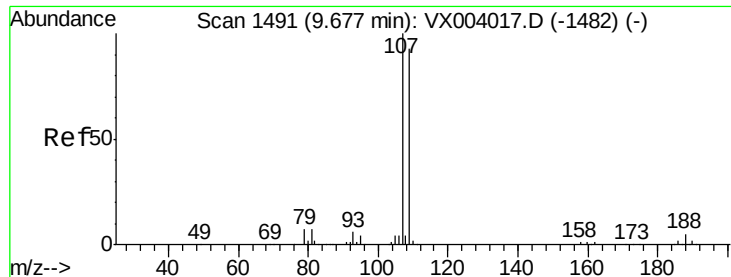
Tgt Ion: 43 Resp: 3891956
Ion Ratio Lower Upper
43 100
58 59.3 28.8 86.5



#60
Dibromochloromethane
Concen: 182.809 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX004019.D
Acq: 14 Aug 2018 01:51

Tgt Ion: 129 Resp: 554758
Ion Ratio Lower Upper
129 100
127 76.9 38.9 116.7





#61

1,2-Dibromoethane

Concen: 170.049 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX004019.D

Acq: 14 Aug 2018 01:51

Instrument :

MSVOA_X

ClientSampleId :

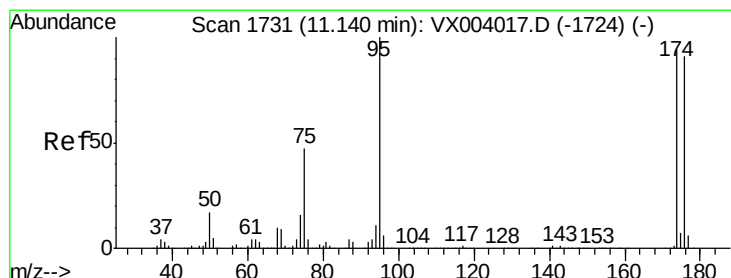
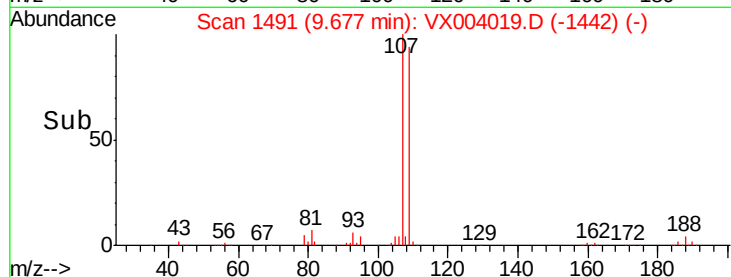
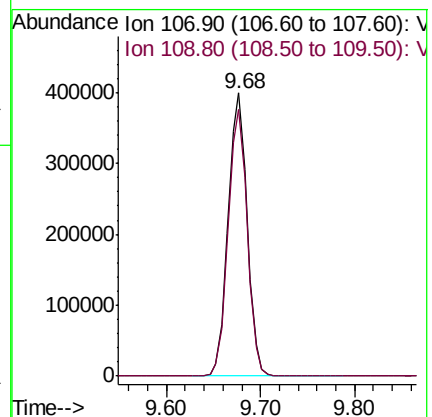
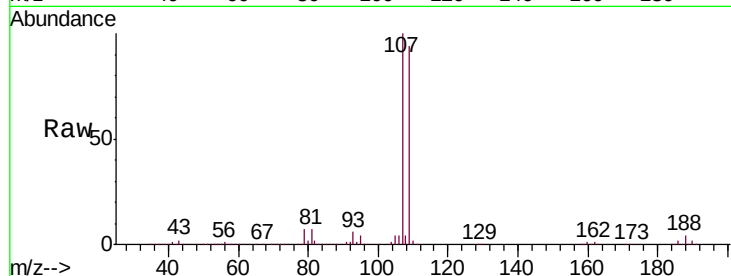
VSTDICC

Tgt Ion: 107 Resp: 558392

Ion Ratio Lower Upper

107 100

109 94.6 74.6 112.0



#62

4-Bromofluorobenzene

Concen: 185.776 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004019.D

Acq: 14 Aug 2018 01:51

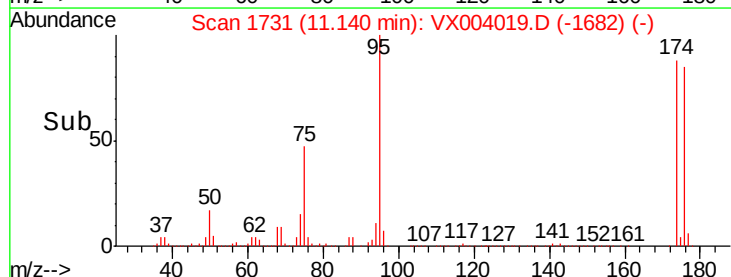
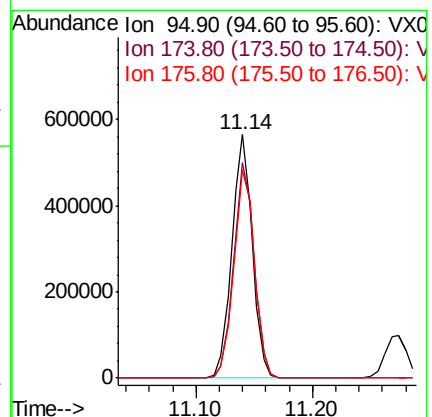
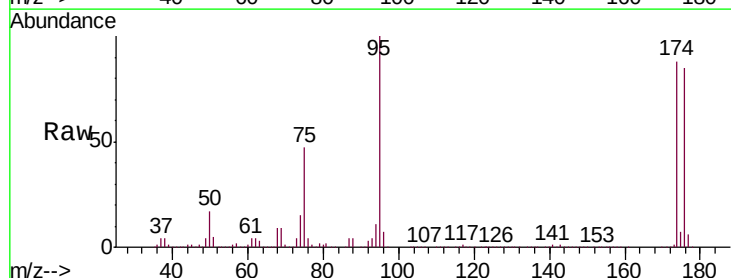
Tgt Ion: 95 Resp: 683972

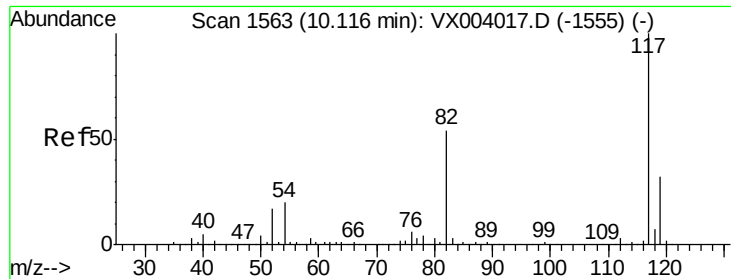
Ion Ratio Lower Upper

95 100

174 89.8 0.0 182.8

176 87.5 0.0 177.2

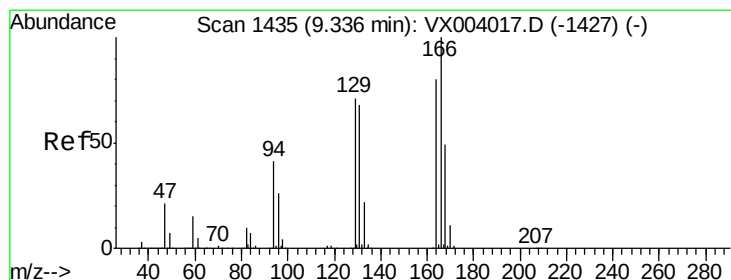
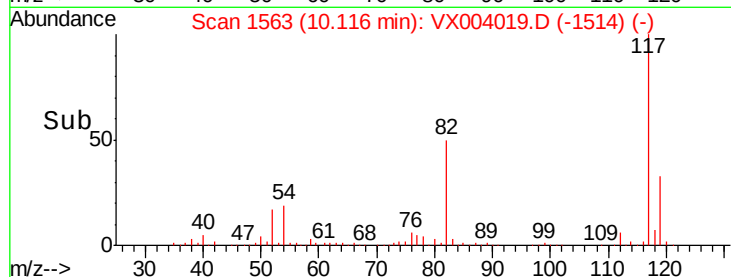
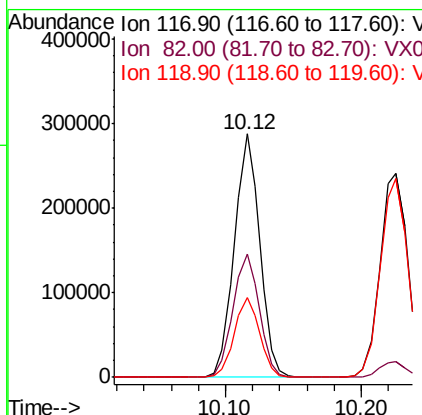
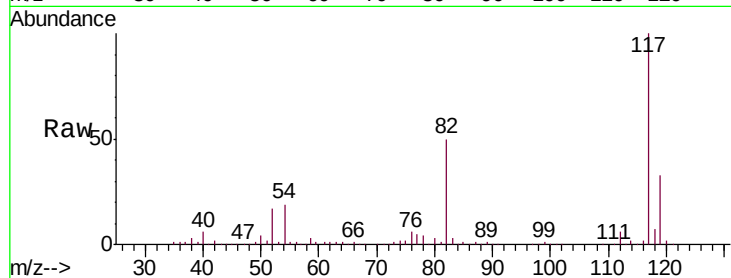




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004019.D
Acq: 14 Aug 2018 01:51

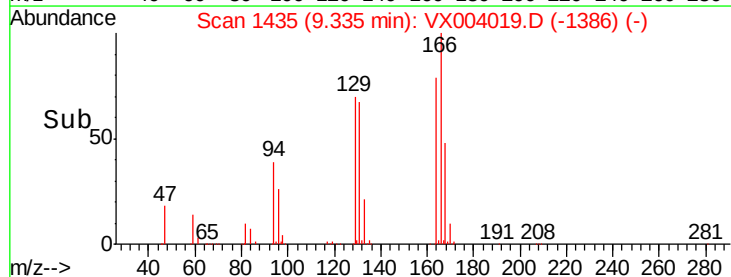
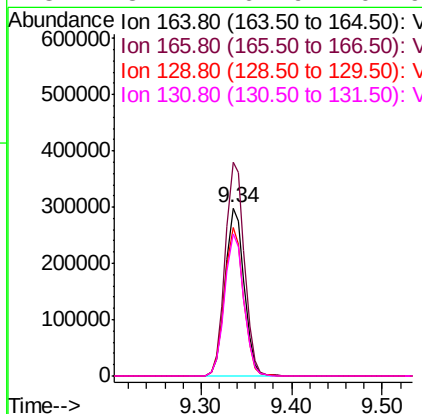
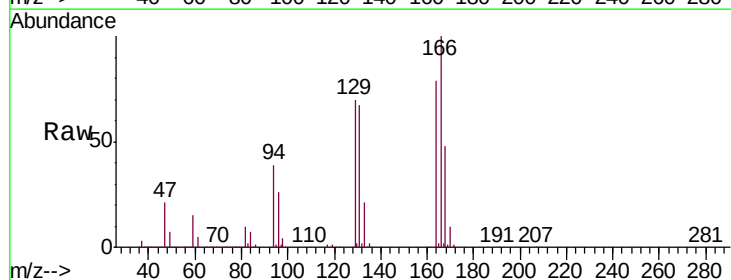
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC

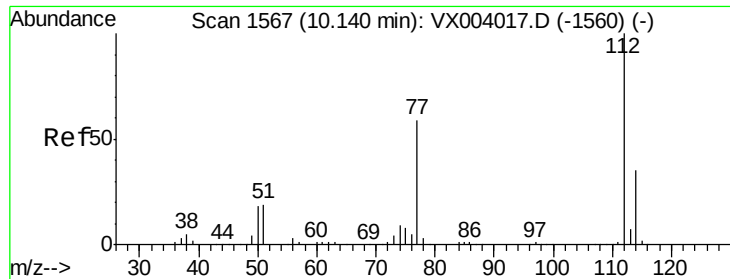
Tgt Ion:117 Resp: 374668
Ion Ratio Lower Upper
117 100
82 50.4 42.9 64.3
119 32.6 25.7 38.5



#64
Tetrachloroethene
Concen: 120.629 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX004019.D
Acq: 14 Aug 2018 01:51

Tgt Ion:164 Resp: 435162
Ion Ratio Lower Upper
164 100
166 127.4 99.5 149.3
129 88.7 70.4 105.6
131 84.7 67.9 101.9

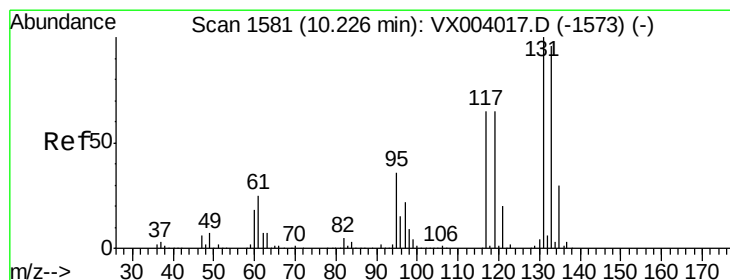
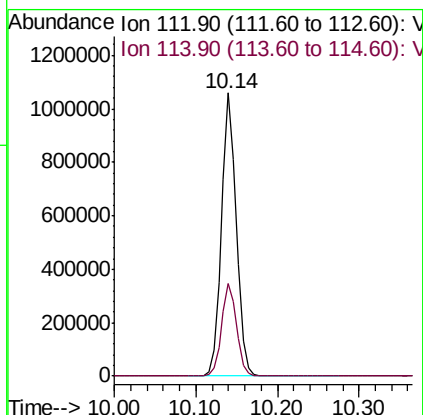
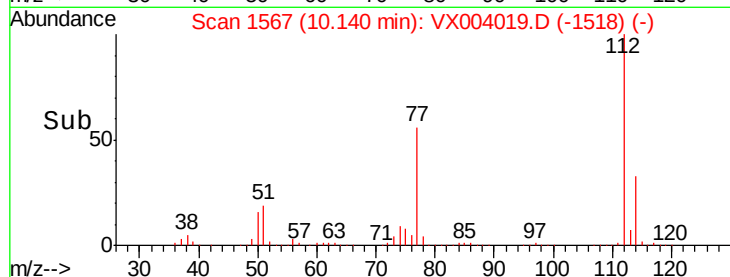
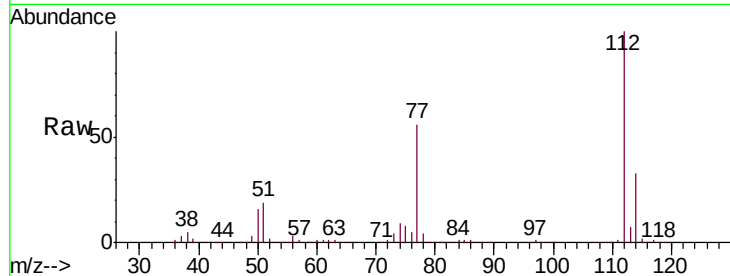




#65
Chlorobenzene
Concen: 140.419 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX004019.D
Acq: 14 Aug 2018 01:51

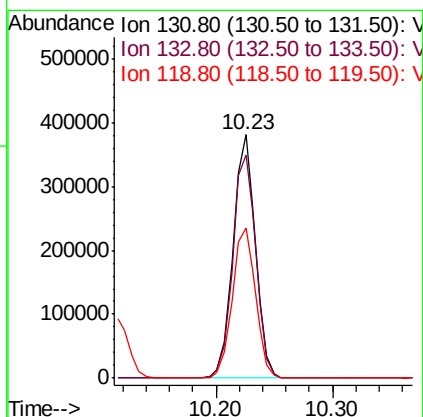
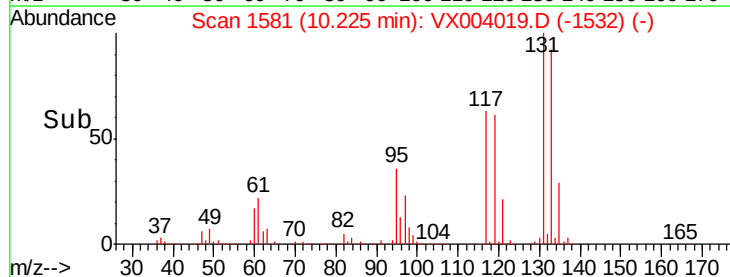
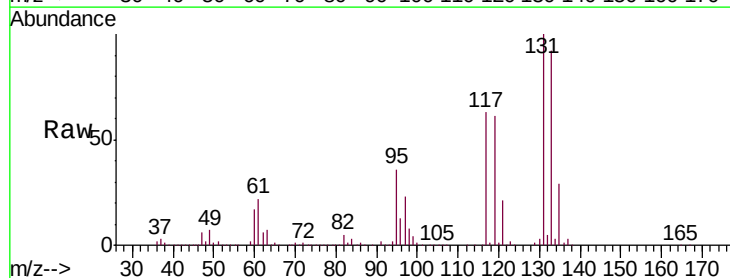
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC

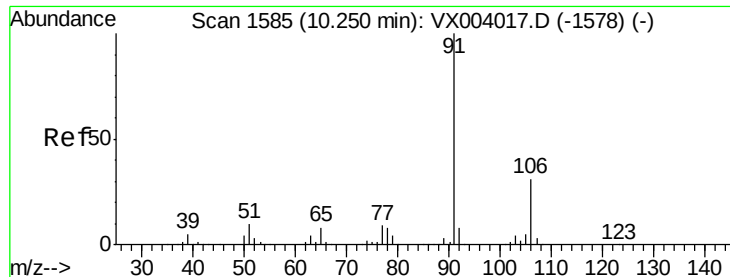
Tgt Ion:112 Resp: 1347598
Ion Ratio Lower Upper
112 100
114 32.8 27.6 41.4



#66
1,1,1,2-Tetrachloroethane
Concen: 153.053 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX004019.D
Acq: 14 Aug 2018 01:51

Tgt Ion:131 Resp: 508291
Ion Ratio Lower Upper
131 100
133 94.9 47.9 143.7
119 64.3 32.0 96.0





#67

Ethyl Benzene

Concen: 139.670 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.01 min

Lab File: VX004019.D

Acq: 14 Aug 2018 01:51

Instrument :

MSVOA_X

ClientSampleId :

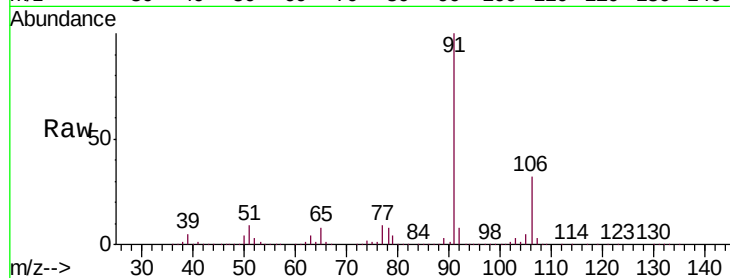
VSTDICC

Tgt Ion: 91 Resp: 2187623

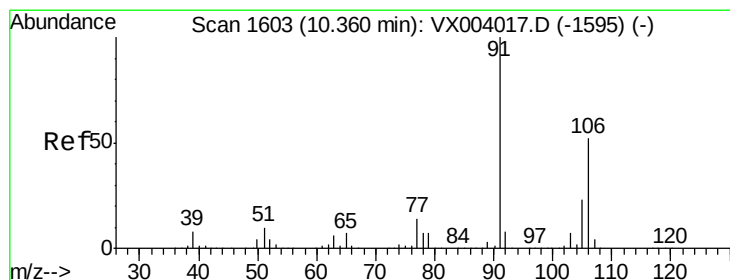
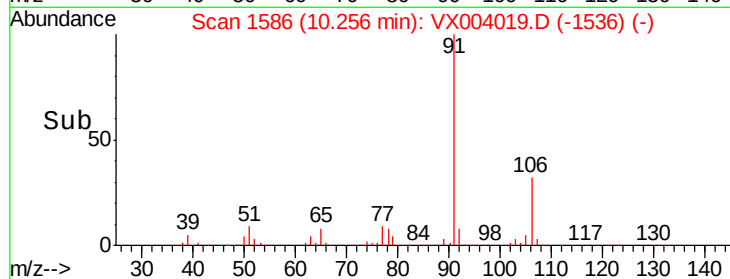
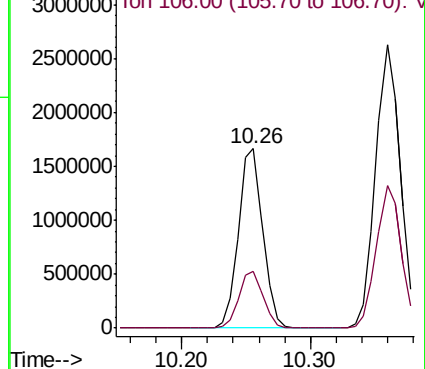
Ion Ratio Lower Upper

91 100

106 31.5 24.5 36.7



Abundance Ion 91.00 (90.70 to 91.70): VX004019.D (-1578) (-)



#68

m/p-Xylenes

Concen: 285.325 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.00 min

Lab File: VX004019.D

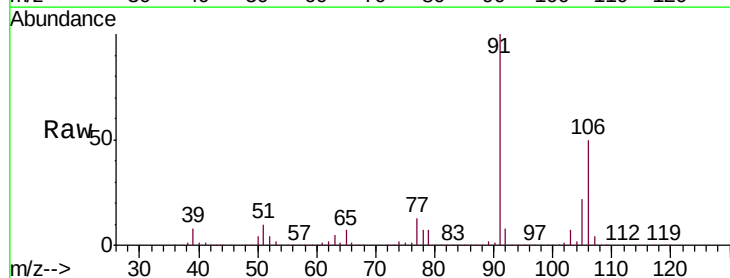
Acq: 14 Aug 2018 01:51

Tgt Ion: 106 Resp: 1753278

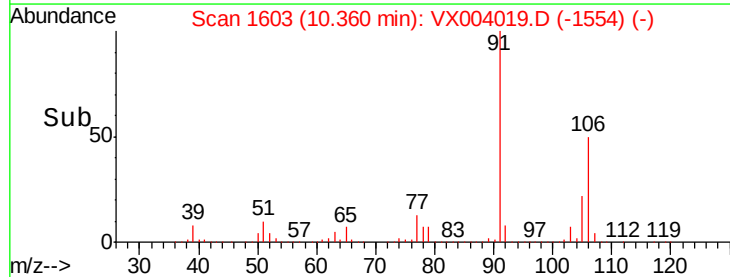
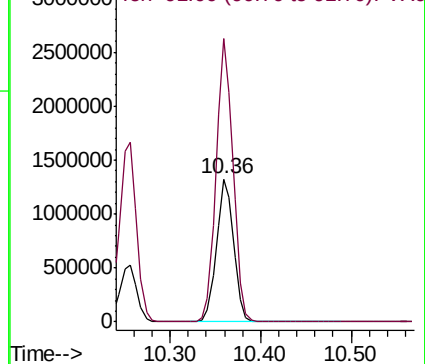
Ion Ratio Lower Upper

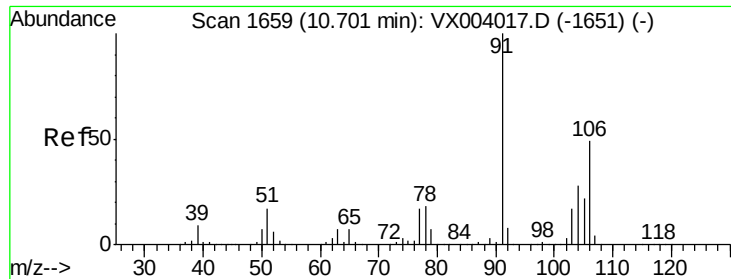
106 100

91 197.0 155.0 232.6



Abundance Ion 106.00 (105.70 to 106.70): VX004019.D (-1595) (-)

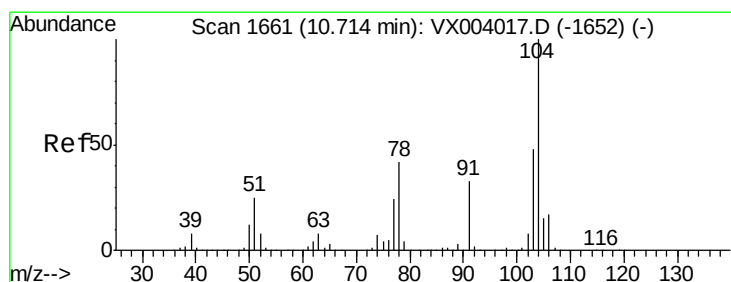
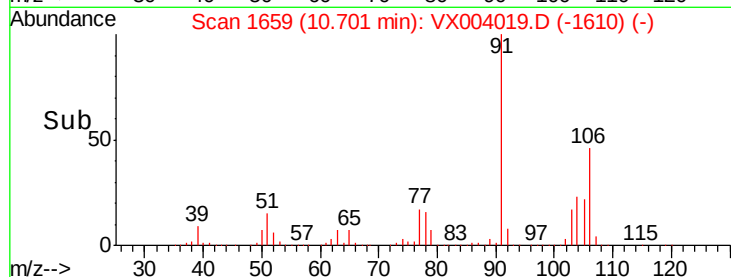
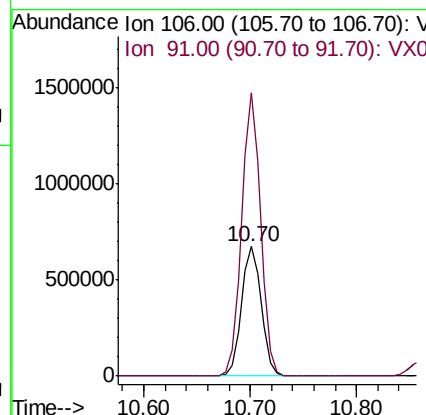
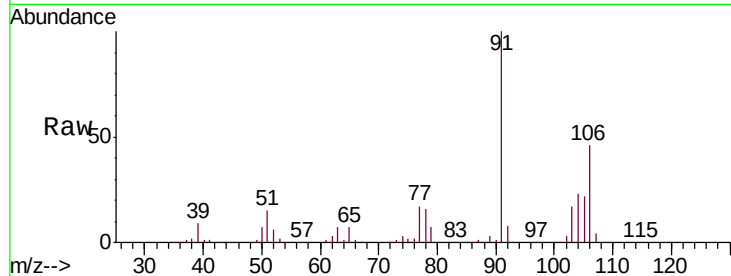




#69
o-Xylene
Concen: 150.731 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX004019.D
Acq: 14 Aug 2018 01:51

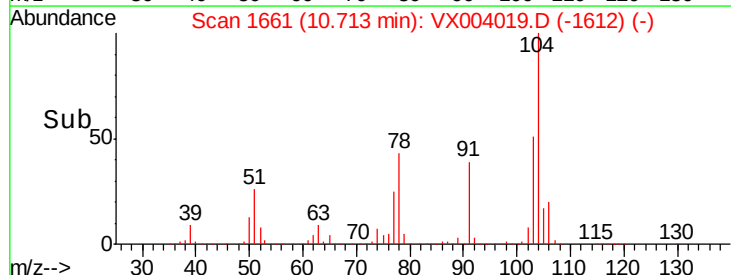
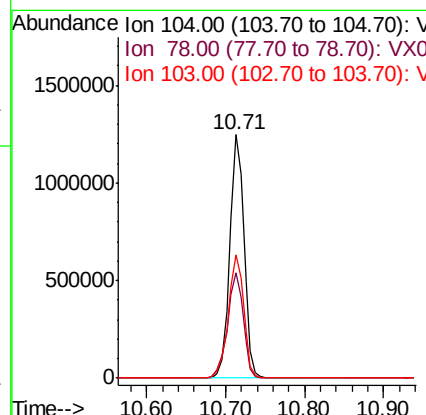
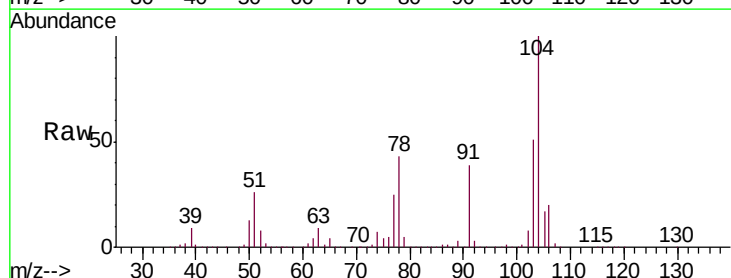
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC

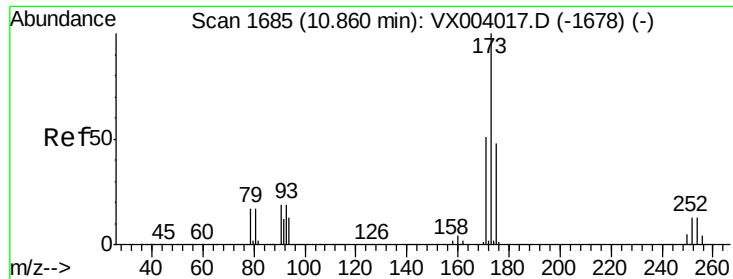
Tgt Ion:106 Resp: 878473
Ion Ratio Lower Upper
106 100
91 210.0 103.6 310.9



#70
Styrene
Concen: 161.160 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX004019.D
Acq: 14 Aug 2018 01:51

Tgt Ion:104 Resp: 1553792
Ion Ratio Lower Upper
104 100
78 47.9 37.5 56.3
103 54.8 42.0 63.0





#71

Bromoform

Concen: 186.878 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.00 min

Lab File: VX004019.D

Acq: 14 Aug 2018 01:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC

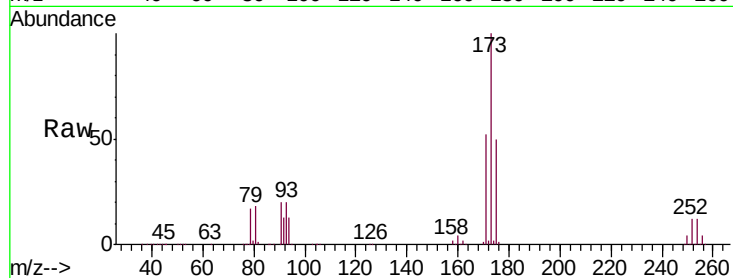
Tgt Ion:173 Resp: 469803

Ion Ratio Lower Upper

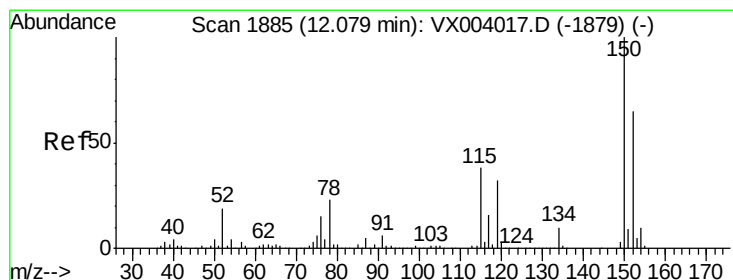
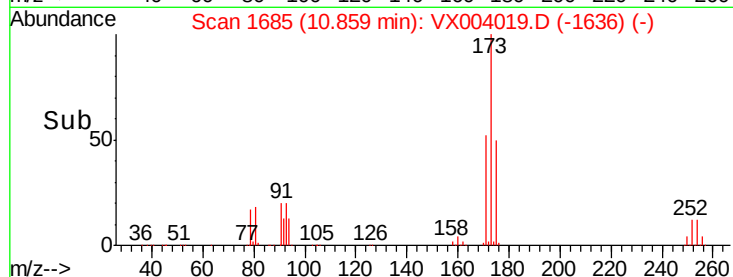
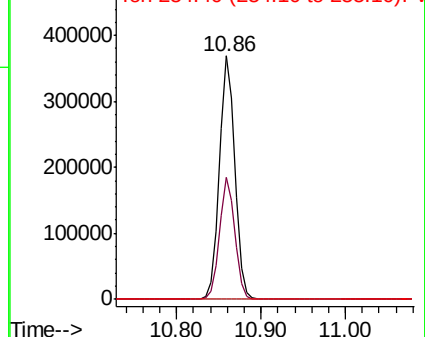
173 100

175 49.4 24.5 73.5

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# 1885

Delta R.T. -0.00 min

Lab File: VX004019.D

Acq: 14 Aug 2018 01:51

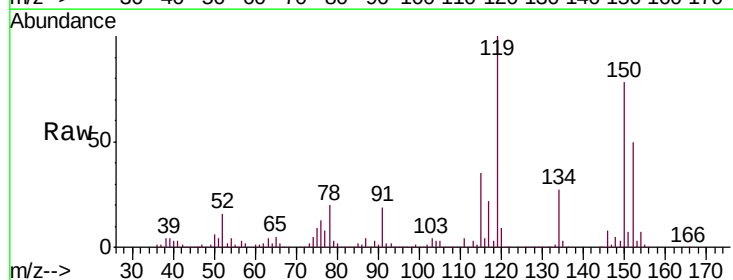
Tgt Ion:152 Resp: 242967

Ion Ratio Lower Upper

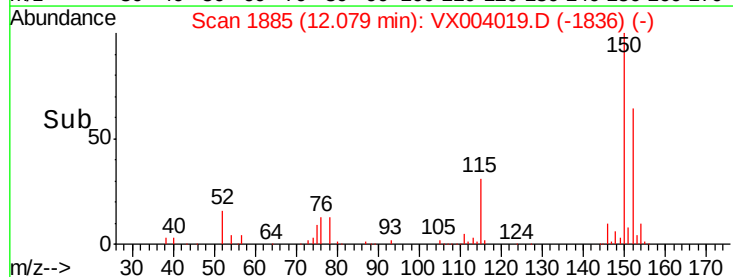
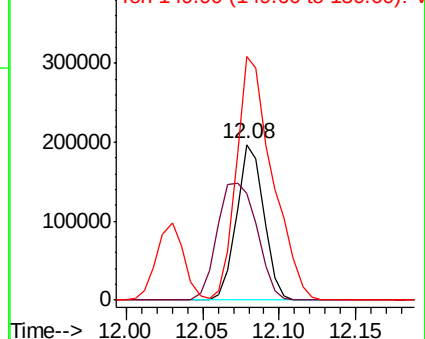
152 100

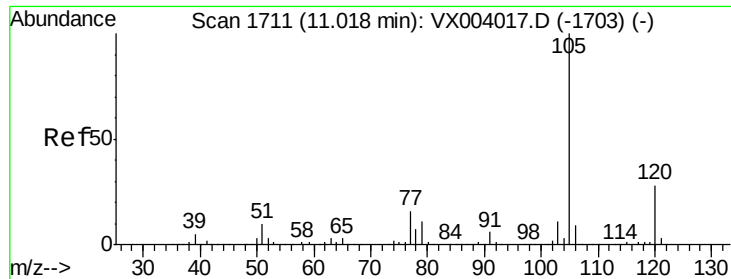
115 110.3 37.3 111.8

150 207.7 0.0 346.8



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

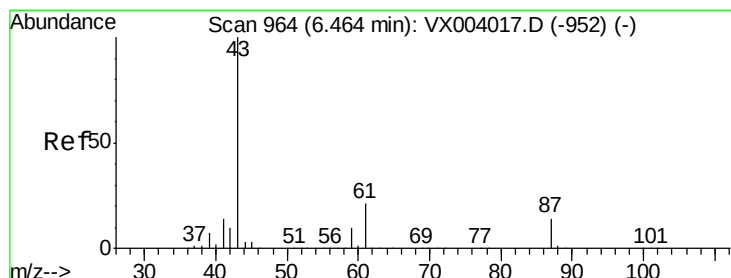
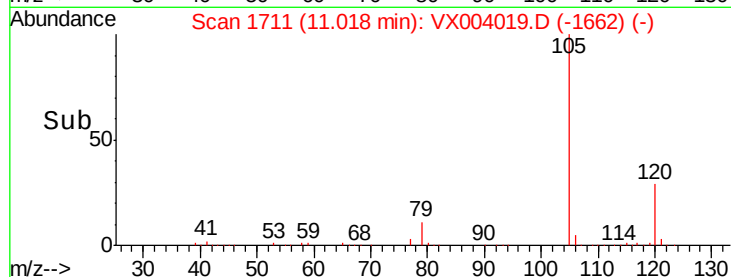
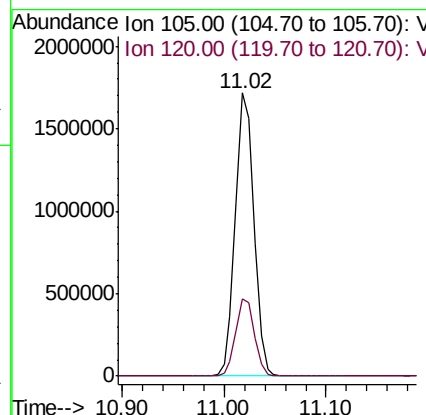
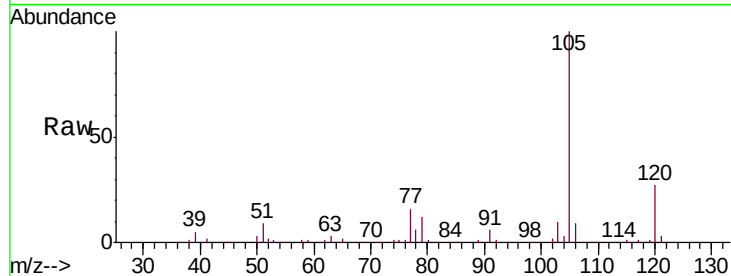




#73
Isopropylbenzene
Concen: 124.516 ug/l
RT: 11.02 min Scan# 1711
Delta R.T. -0.00 min
Lab File: VX004019.D
Acq: 14 Aug 2018 01:51

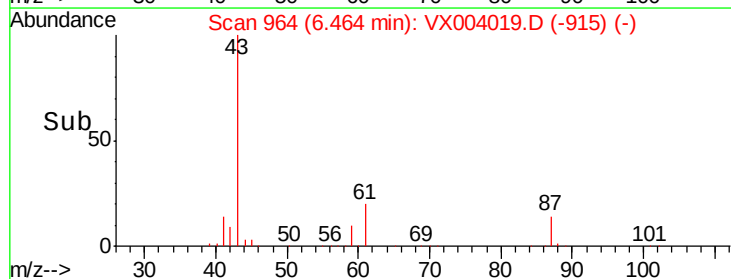
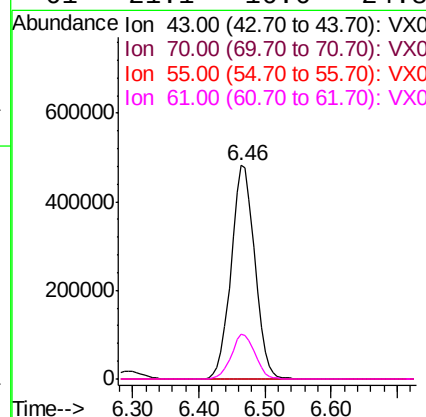
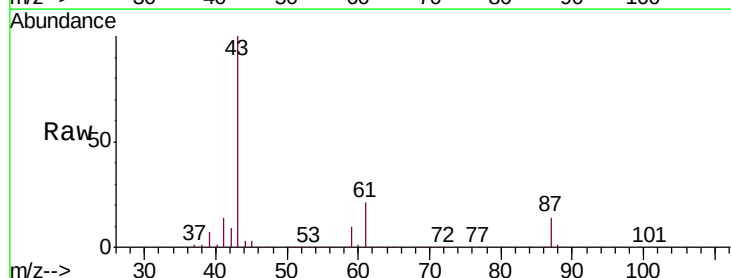
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC

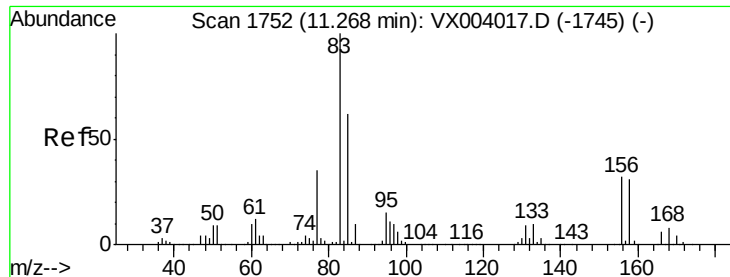
Tgt Ion:105 Resp: 2152691
Ion Ratio Lower Upper
105 100
120 27.4 13.8 41.4



#74
N-ethyl acetate
Concen: 130.333 ug/l
RT: 6.46 min Scan# 964
Delta R.T. -0.00 min
Lab File: VX004019.D
Acq: 14 Aug 2018 01:51

Tgt Ion: 43 Resp: 1193585
Ion Ratio Lower Upper
43 100
70 0.0 0.1 0.1#
55 0.1 0.1 0.1#
61 21.1 16.6 24.8





#75

1,1,2,2-Tetrachloroethane

Concen: 142.166 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.01 min

Lab File: VX004019.D

Acq: 14 Aug 2018 01:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC

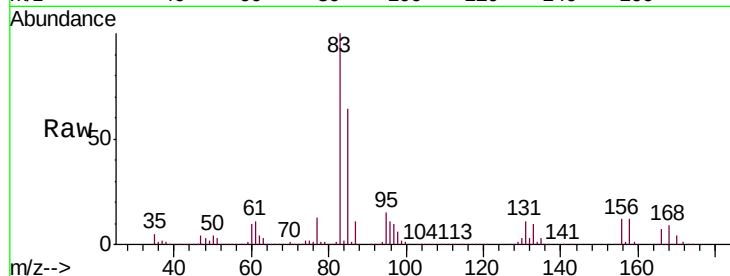
Tgt Ion: 83 Resp: 879039

Ion Ratio Lower Upper

83 100

131 10.4 5.1 15.3

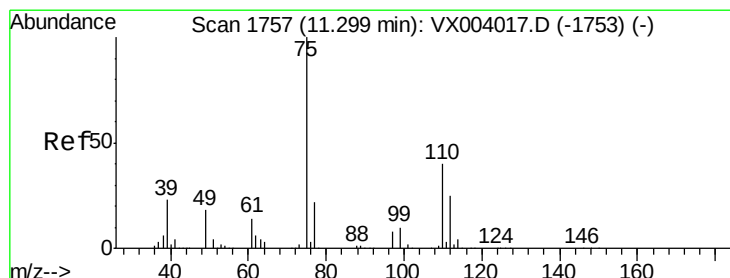
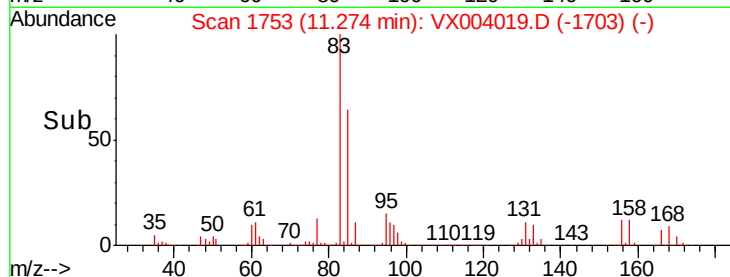
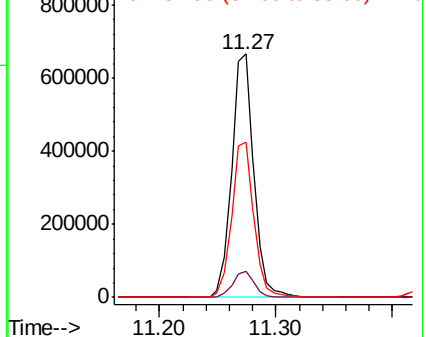
85 64.2 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 188.310 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX004019.D

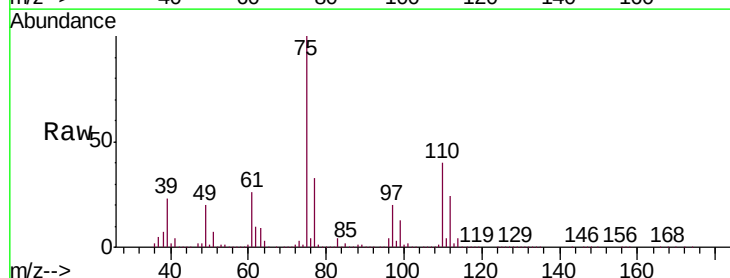
Acq: 14 Aug 2018 01:51

Tgt Ion: 75 Resp: 1014611

Ion Ratio Lower Upper

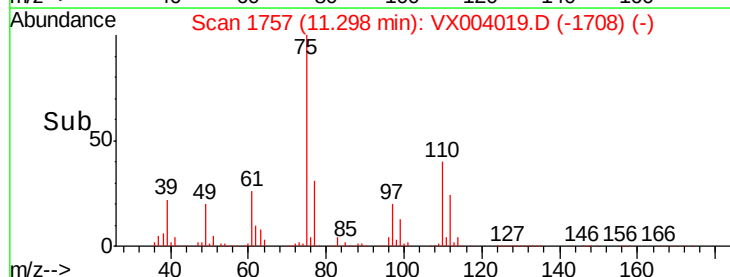
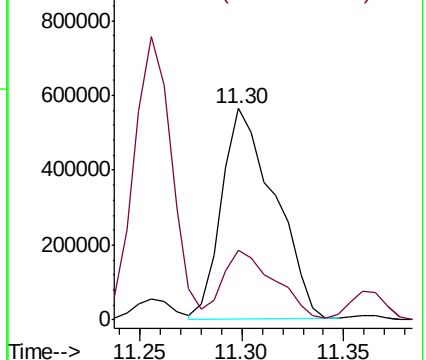
75 100

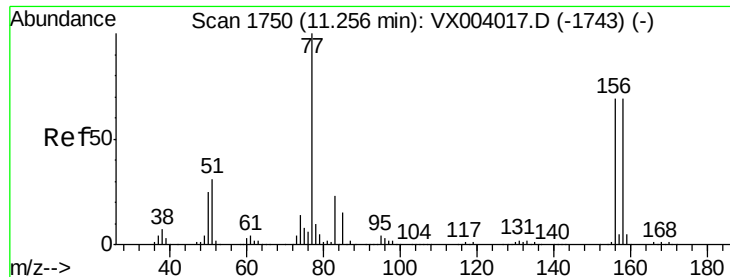
77 32.6 19.8 59.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 138.265 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX004019.D

Acq: 14 Aug 2018 01:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC

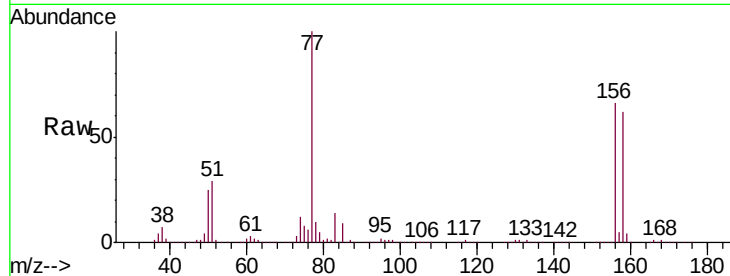
Tgt Ion:156 Resp: 661730

Ion Ratio Lower Upper

156 100

77 147.4 73.1 219.3

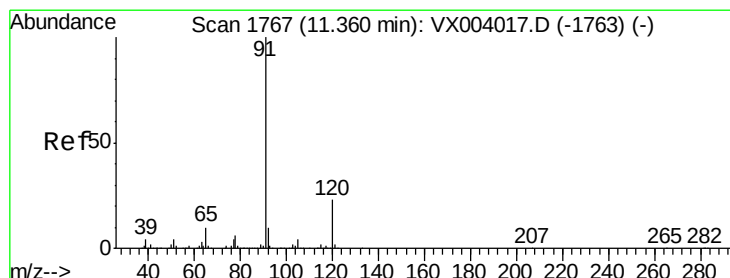
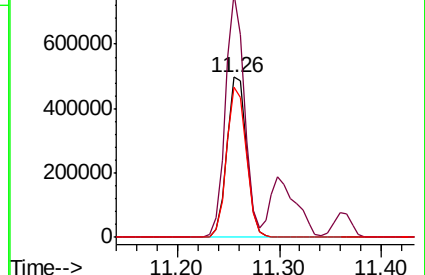
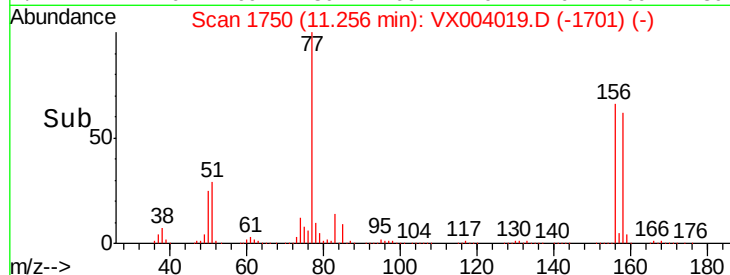
158 94.3 48.9 146.8



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: 126.086 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VX004019.D

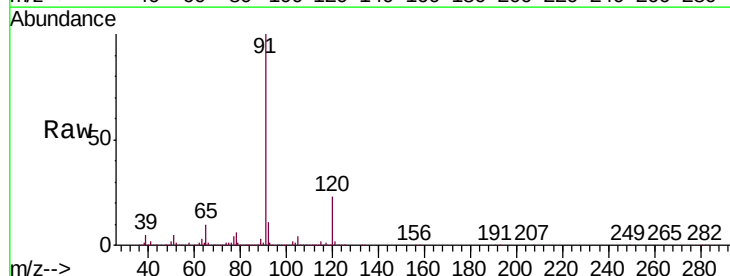
Acq: 14 Aug 2018 01:51

Tgt Ion: 91 Resp: 2485987

Ion Ratio Lower Upper

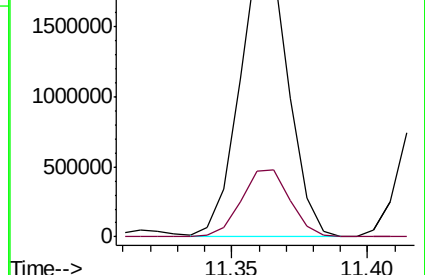
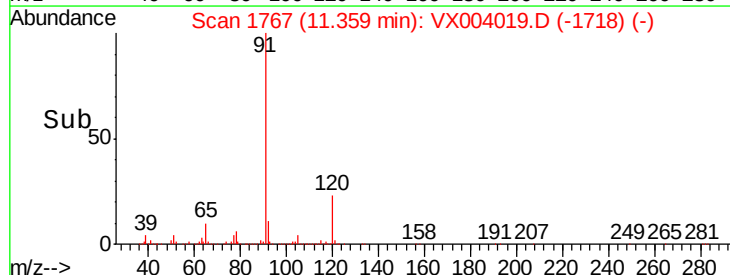
91 100

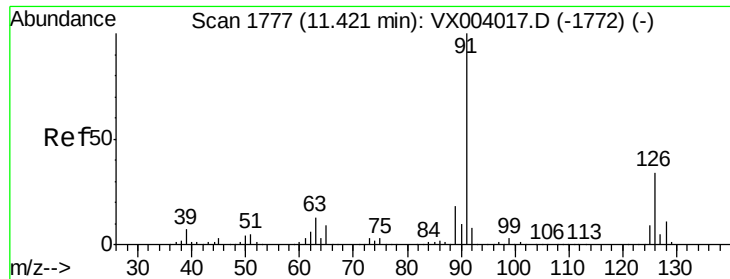
120 24.0 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

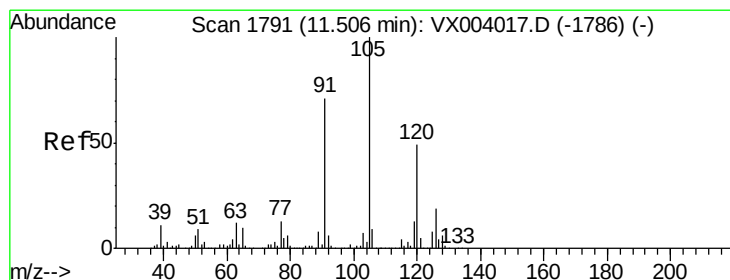
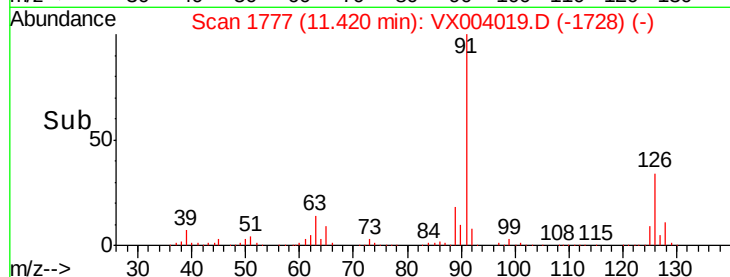
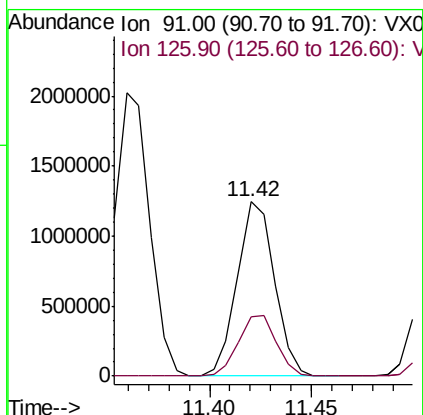
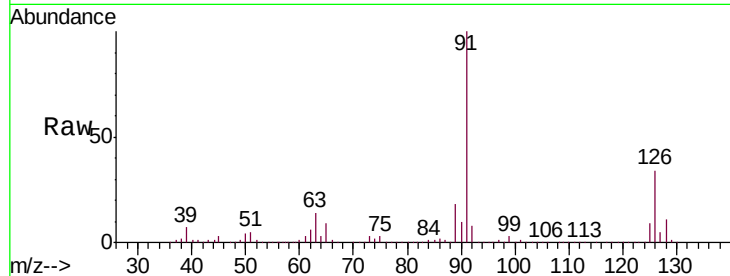




#79
 2-Chlorotoluene
 Concen: 131.044 ug/l
 RT: 11.42 min Scan# 1777
 Delta R.T. -0.00 min
 Lab File: VX004019.D
 Acq: 14 Aug 2018 01:51

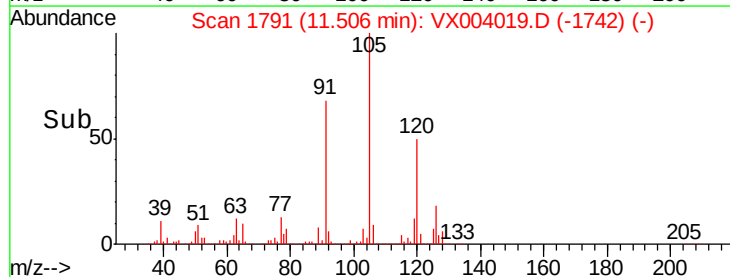
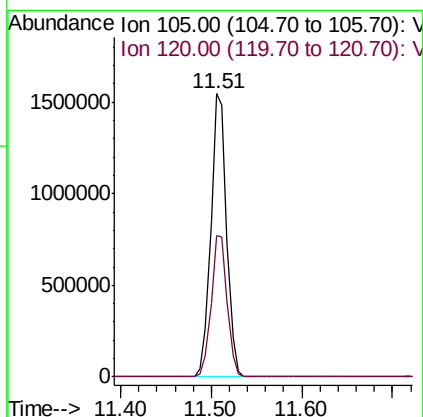
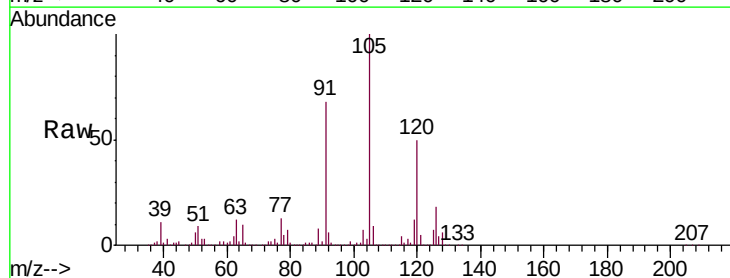
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC

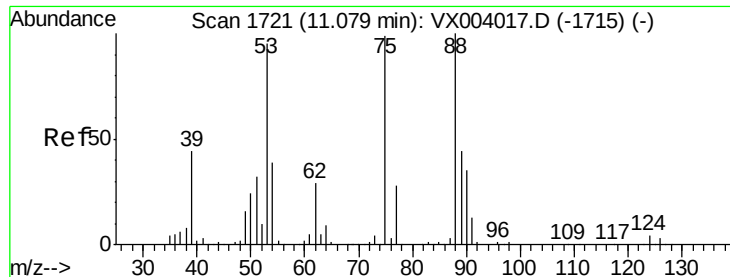
Tgt Ion: 91 Resp: 1593772
 Ion Ratio Lower Upper
 91 100
 126 35.5 17.5 52.6



#80
 1,3,5-Trimethylbenzene
 Concen: 131.756 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX004019.D
 Acq: 14 Aug 2018 01:51

Tgt Ion: 105 Resp: 1892975
 Ion Ratio Lower Upper
 105 100
 120 50.8 25.4 76.0





#81

trans-1,4-Dichloro-2-butene

Concen: 157.097 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX004019.D

Acq: 14 Aug 2018 01:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC

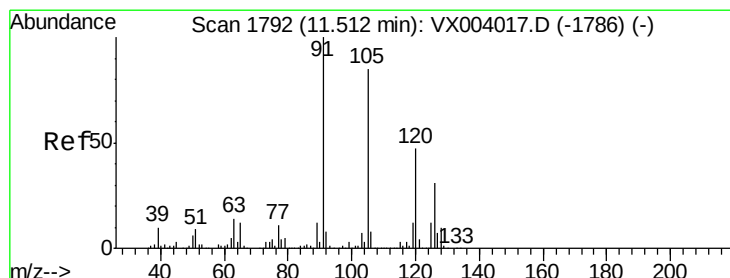
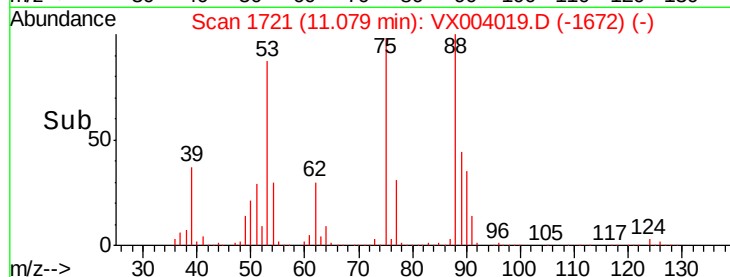
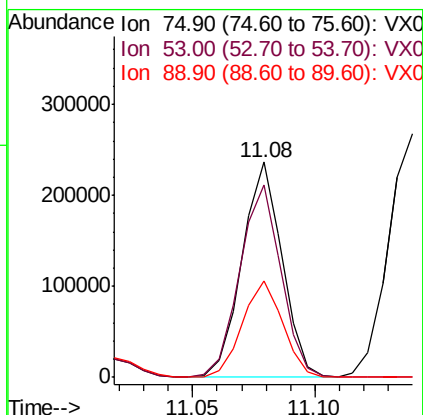
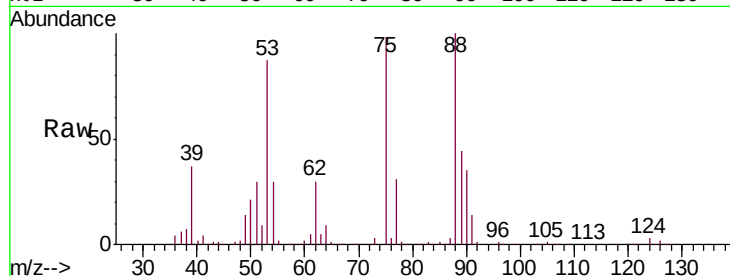
Tgt Ion: 75 Resp: 269877

Ion Ratio Lower Upper

75 100

53 92.0 81.0 121.6

89 45.3 36.3 54.5



#82

4-Chlorotoluene

Concen: 133.958 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004019.D

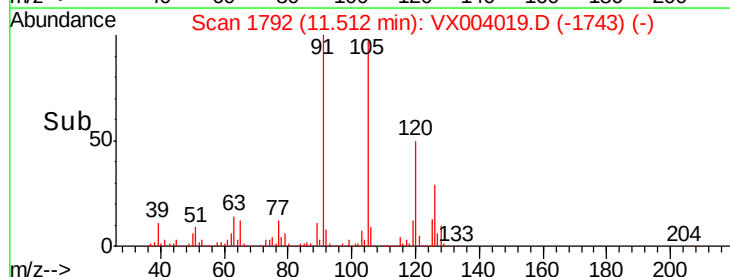
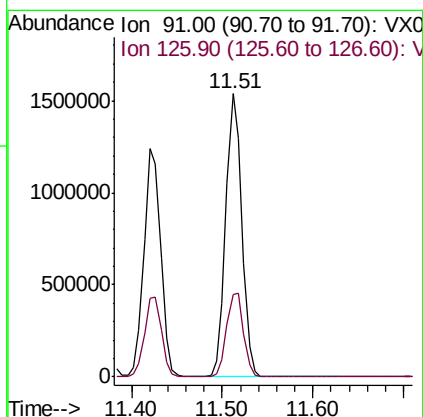
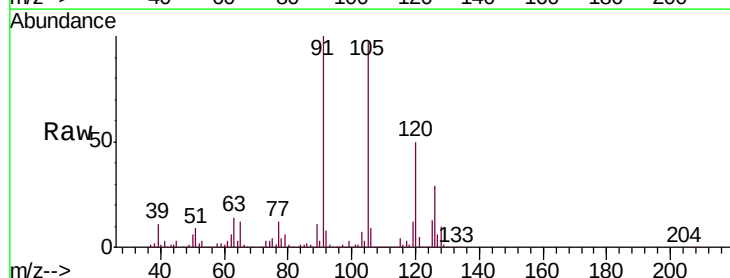
Acq: 14 Aug 2018 01:51

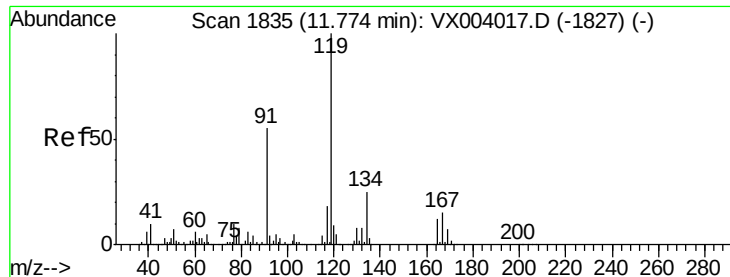
Tgt Ion: 91 Resp: 1906804

Ion Ratio Lower Upper

91 100

126 31.0 15.7 47.1

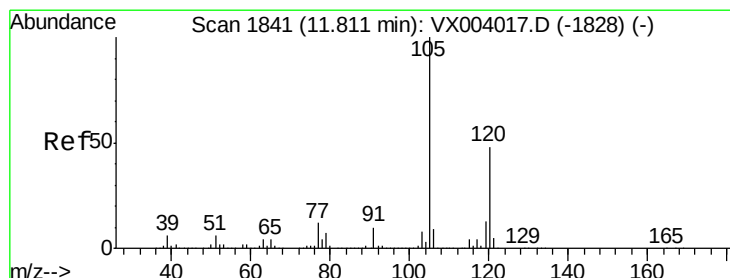
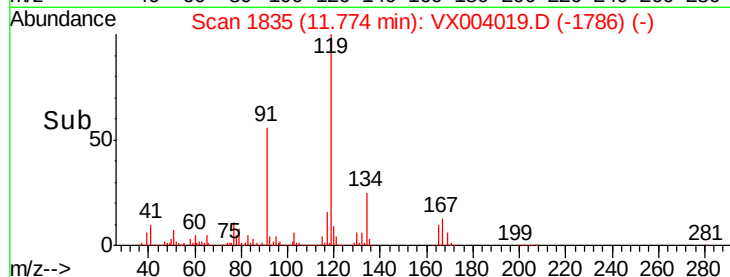
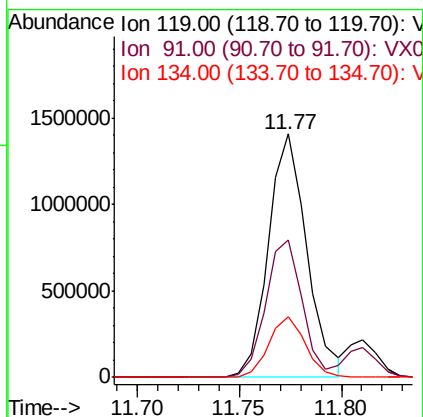
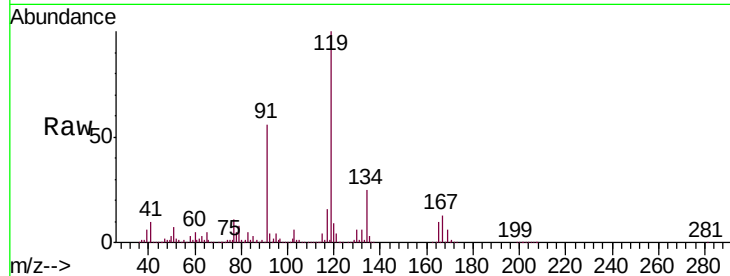




#83
 tert-Butylbenzene
 Concen: 131.335 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX004019.D
 Acq: 14 Aug 2018 01:51

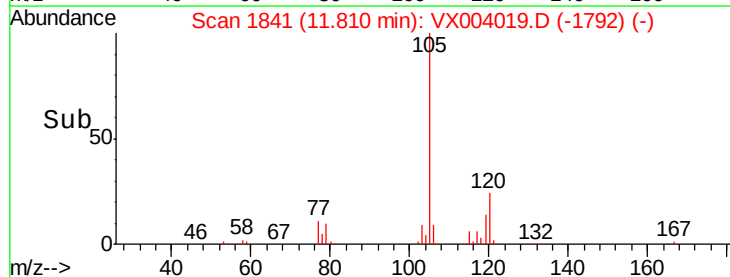
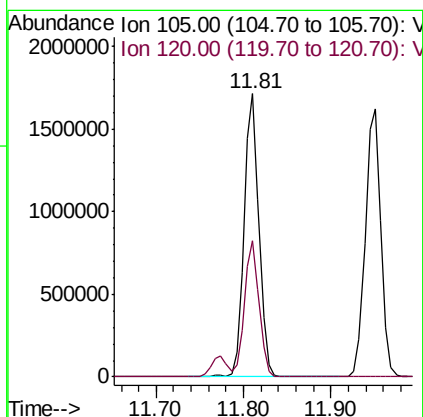
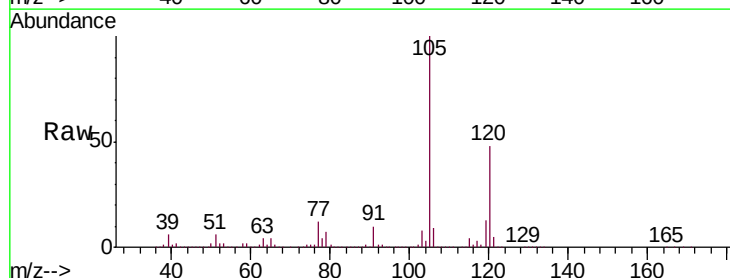
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDICC

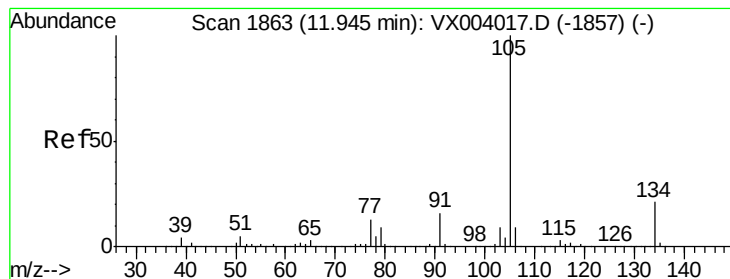
Tgt Ion:119 Resp: 1843128
 Ion Ratio Lower Upper
 119 100
 91 53.6 26.8 80.4
 134 23.7 12.0 36.1



#84
 1,2,4-Trimethylbenzene
 Concen: 138.793 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX004019.D
 Acq: 14 Aug 2018 01:51

Tgt Ion:105 Resp: 2018187
 Ion Ratio Lower Upper
 105 100
 120 47.1 23.2 69.6





#85

sec-Butylbenzene

Concen: 123.737 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.01 min

Lab File: VX004019.D

Acq: 14 Aug 2018 01:51

Instrument :

MSVOA_X

ClientSampleId :

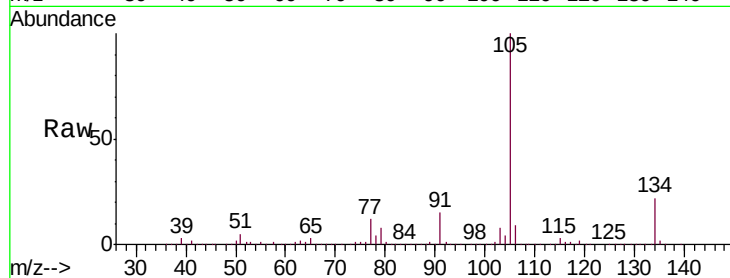
VSTDICC

Tgt Ion:105 Resp: 2020998

Ion Ratio Lower Upper

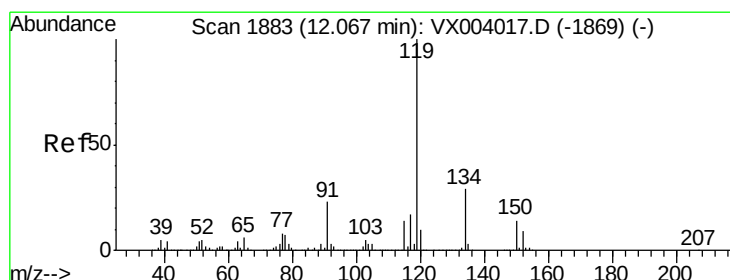
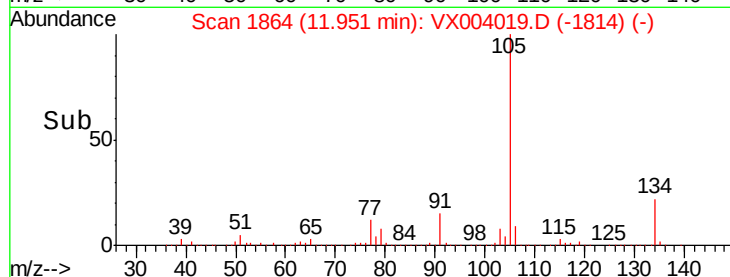
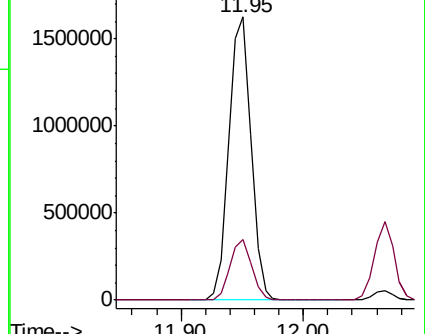
105 100

134 21.0 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 128.243 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX004019.D

Acq: 14 Aug 2018 01:51

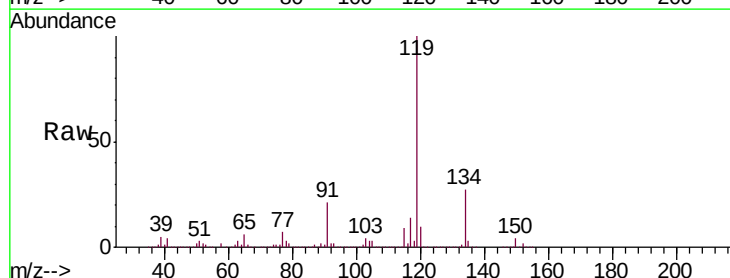
Tgt Ion:119 Resp: 1887438

Ion Ratio Lower Upper

119 100

134 27.0 13.8 41.4

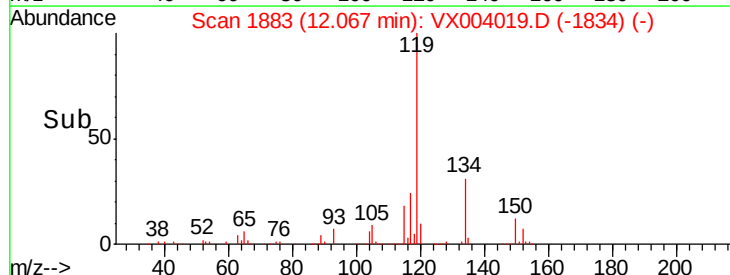
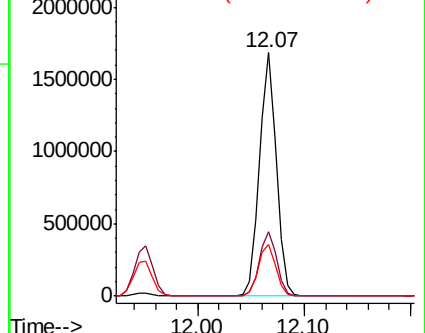
91 22.1 11.1 33.3

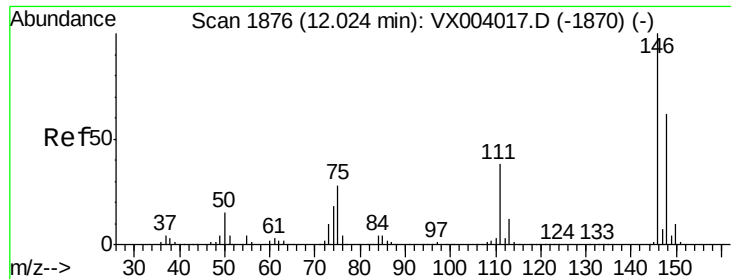


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

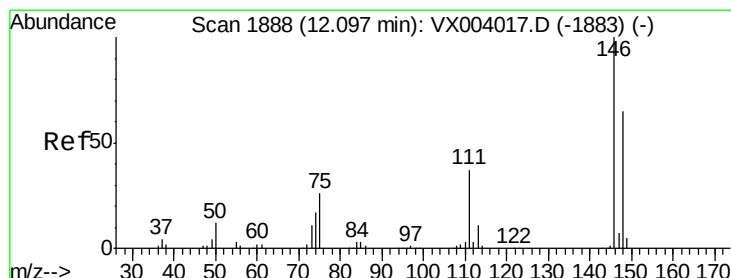
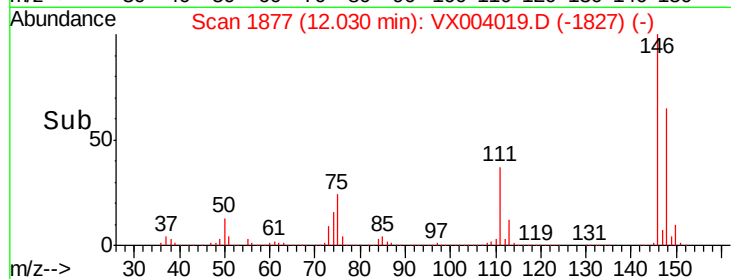
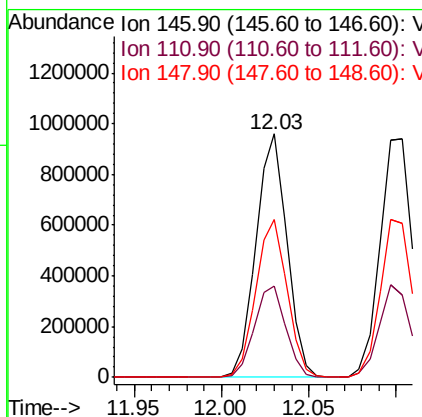
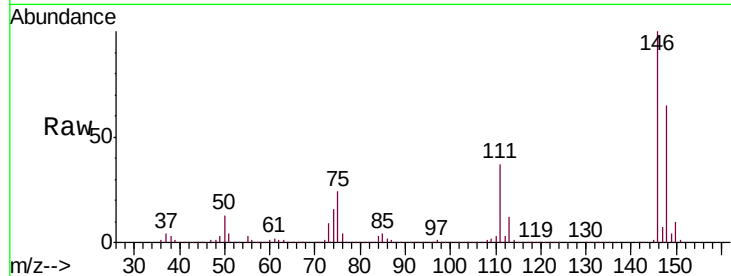




#87
 1,3-Dichlorobenzene
 Concen: 134.357 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.01 min
 Lab File: VX004019.D
 Acq: 14 Aug 2018 01:51

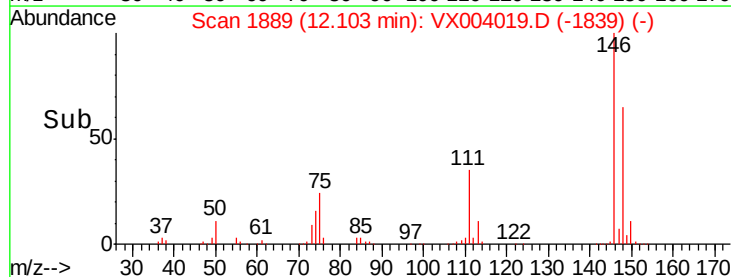
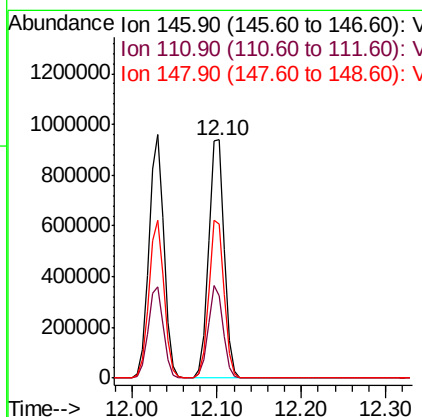
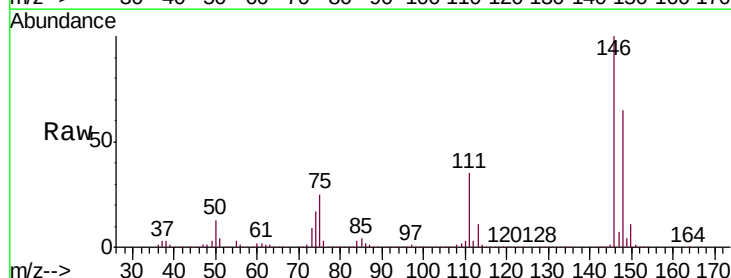
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC

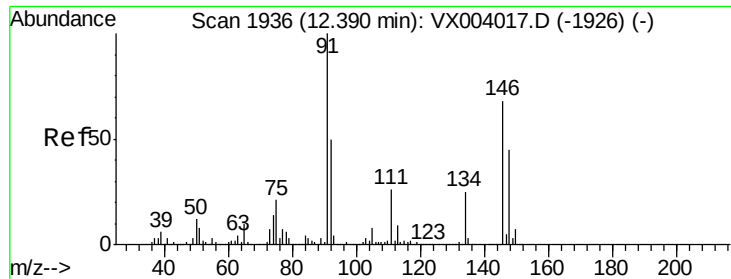
Tgt Ion:146 Resp: 1181581
 Ion Ratio Lower Upper
 146 100
 111 38.1 18.8 56.3
 148 65.2 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 132.382 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.01 min
 Lab File: VX004019.D
 Acq: 14 Aug 2018 01:51

Tgt Ion:146 Resp: 1211354
 Ion Ratio Lower Upper
 146 100
 111 36.8 18.3 54.8
 148 64.8 31.9 95.9

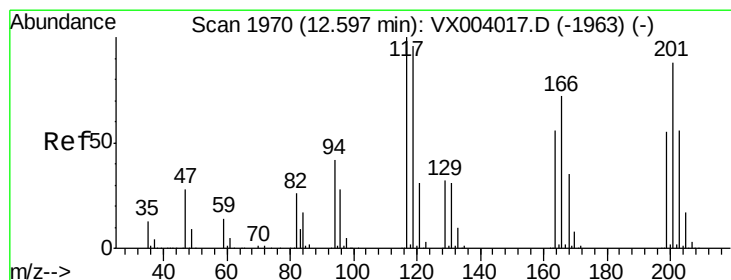
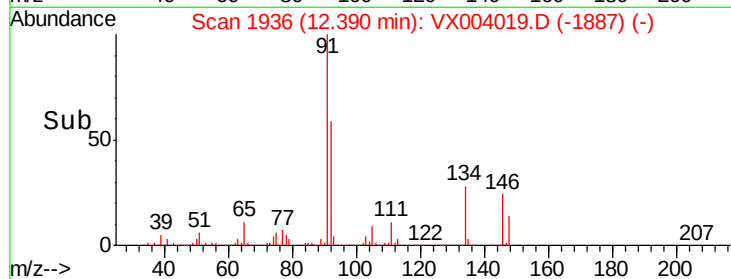
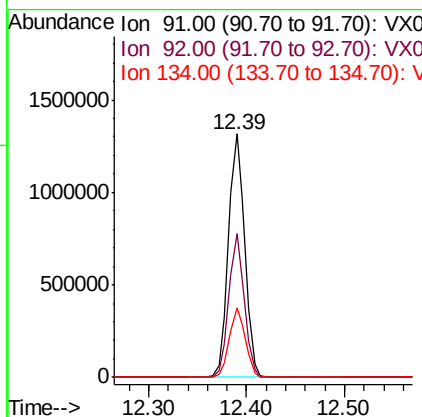
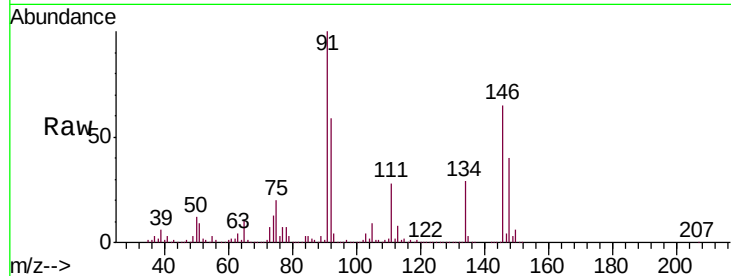




#89
n-Butylbenzene
Concen: 118.966 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX004019.D
Acq: 14 Aug 2018 01:51

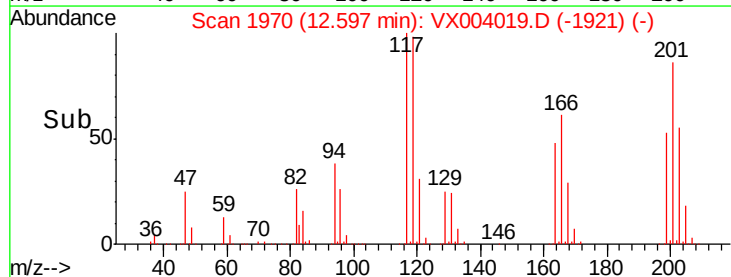
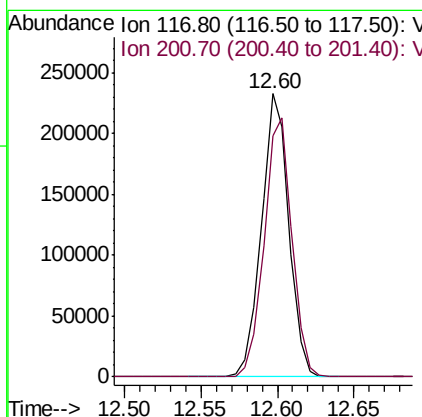
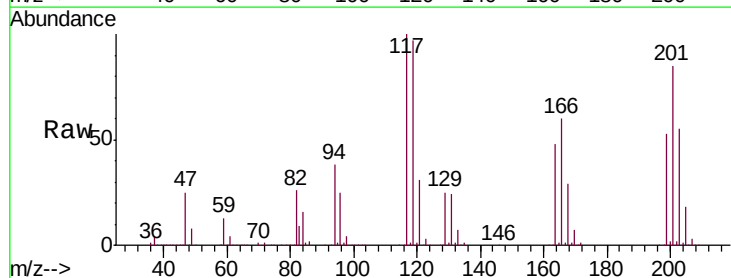
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC

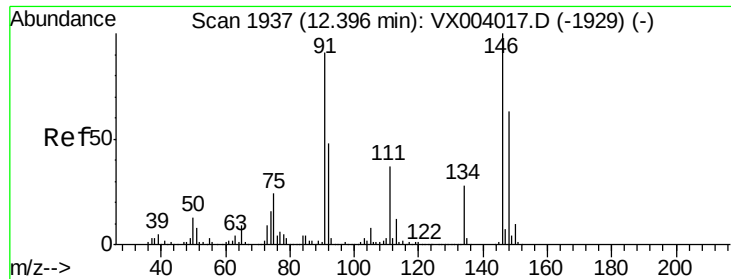
Tgt Ion: 91 Resp: 1510944
Ion Ratio Lower Upper
91 100
92 56.4 26.2 78.6
134 28.0 13.1 39.3



#90
Hexachloroethane
Concen: 122.765 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX004019.D
Acq: 14 Aug 2018 01:51

Tgt Ion: 117 Resp: 289364
Ion Ratio Lower Upper
117 100
201 92.8 46.5 139.3

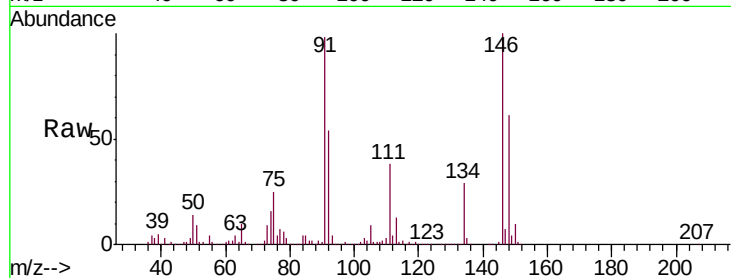




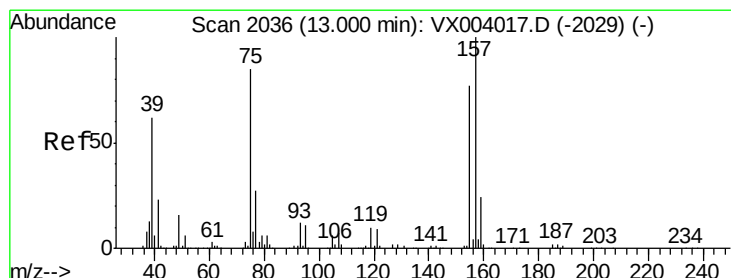
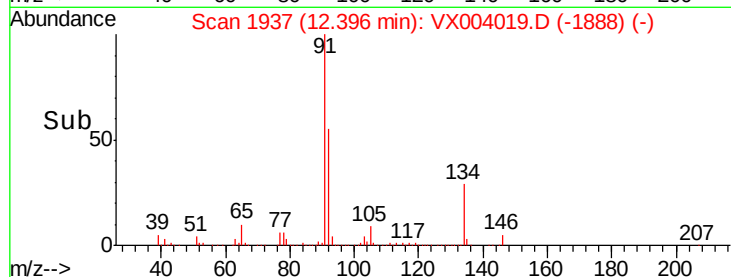
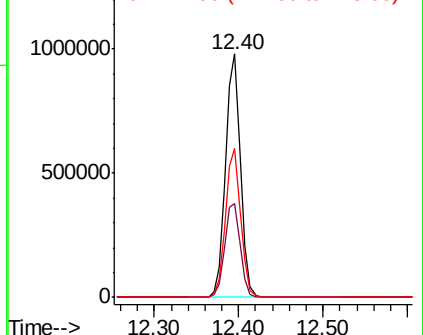
#91
 1,2-Dichlorobenzene
 Concen: 138.027 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX004019.D
 Acq: 14 Aug 2018 01:51

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDICC

Tgt Ion:146 Resp: 1203174
 Ion Ratio Lower Upper
 146 100
 111 40.0 18.9 56.9
 148 61.9 32.3 96.8

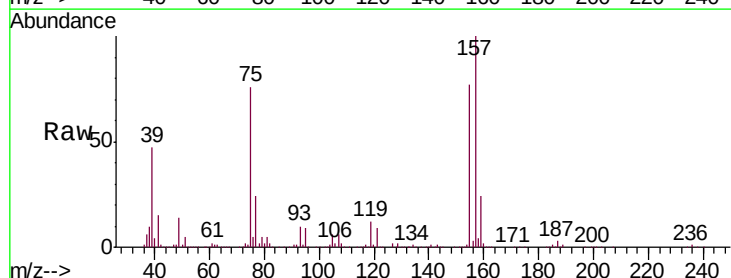


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

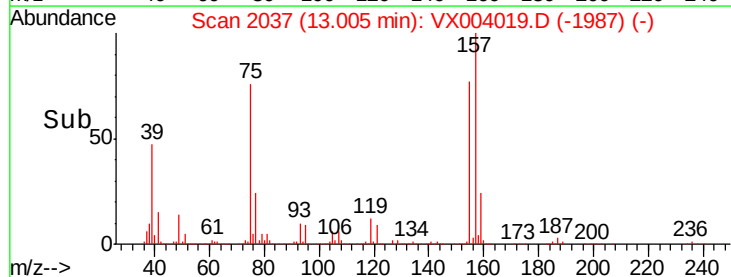
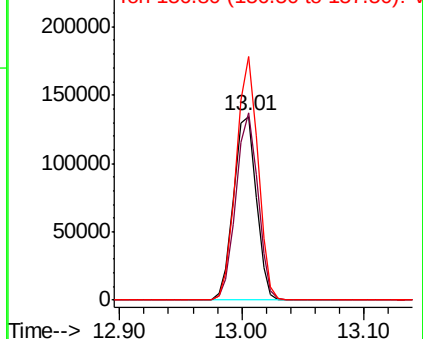


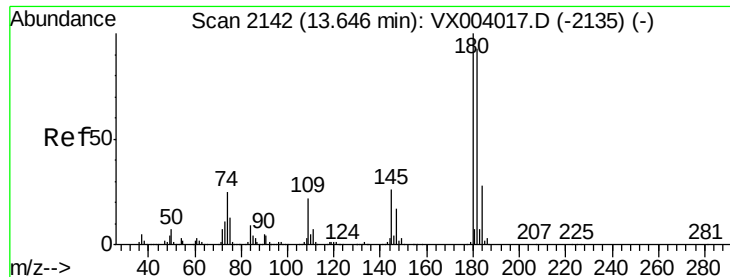
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 140.698 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.01 min
 Lab File: VX004019.D
 Acq: 14 Aug 2018 01:51

Tgt Ion: 75 Resp: 172733
 Ion Ratio Lower Upper
 75 100
 155 97.7 47.8 143.3
 157 126.0 61.4 184.1



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

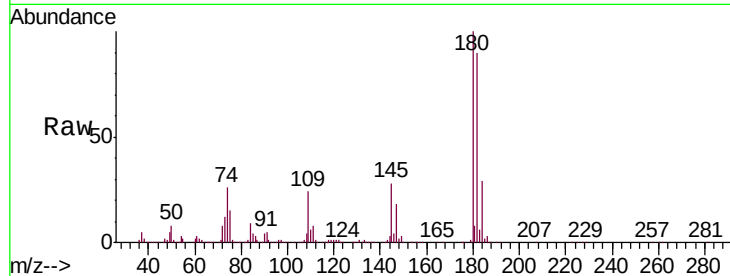




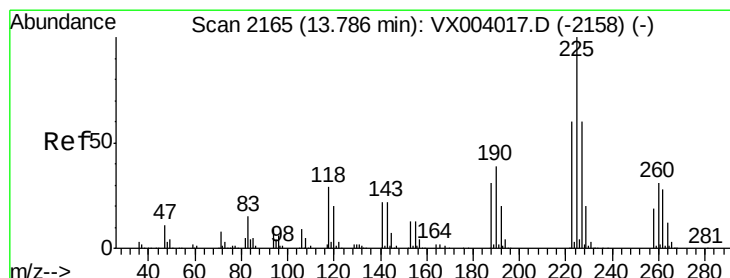
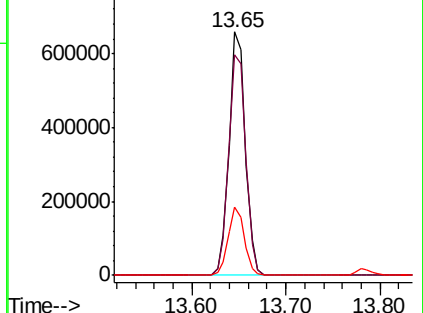
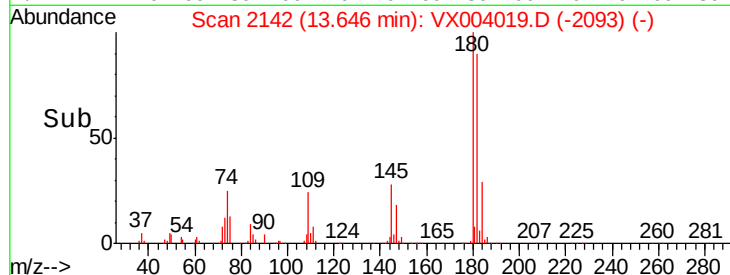
#93
 1,2,4-Trichlorobenzene
 Concen: 128.845 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VX004019.D
 Acq: 14 Aug 2018 01:51

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDICC

Tgt Ion:180 Resp: 789882
 Ion Ratio Lower Upper
 180 100
 182 95.7 46.6 139.7
 145 27.9 14.0 42.0

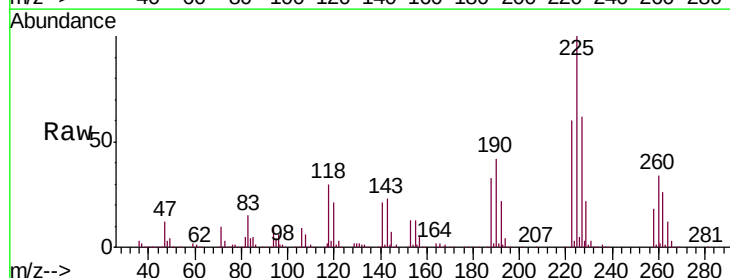


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

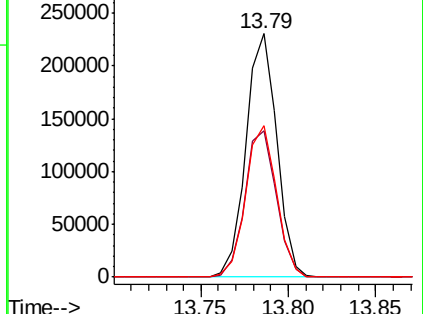
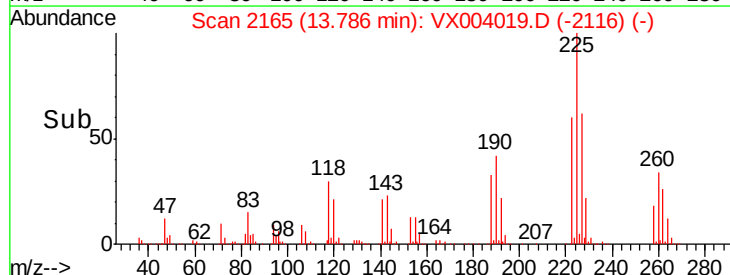


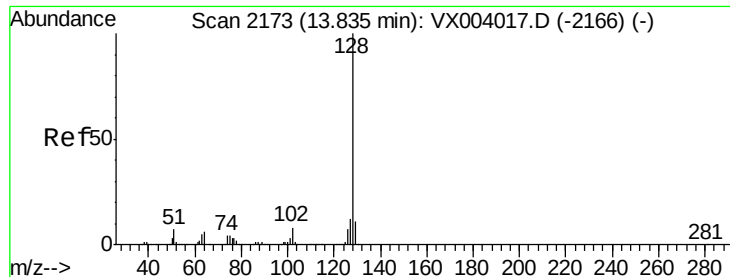
#94
 Hexachlorobutadiene
 Concen: 100.477 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX004019.D
 Acq: 14 Aug 2018 01:51

Tgt Ion:225 Resp: 281170
 Ion Ratio Lower Upper
 225 100
 223 61.6 30.9 92.8
 227 62.4 31.6 95.0



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

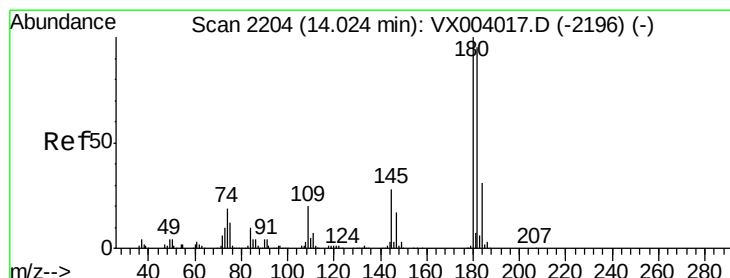
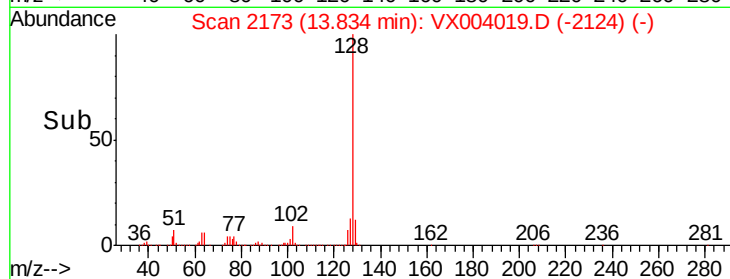
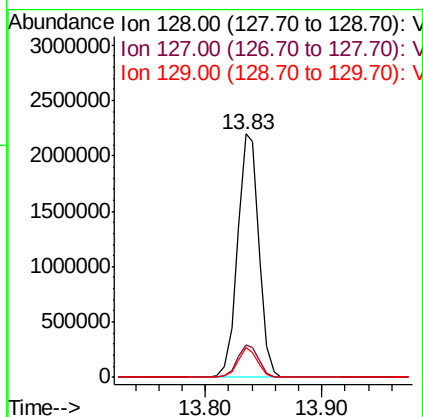
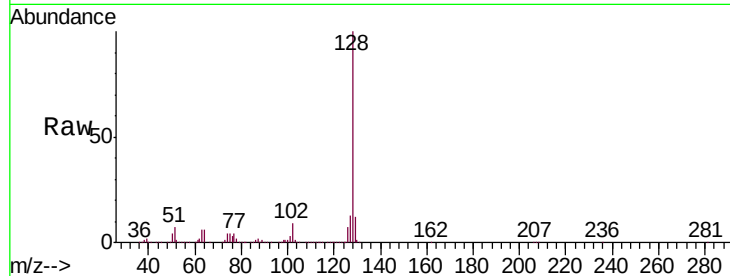




#95
Naphthalene
Concen: 155.424 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. -0.00 min
Lab File: VX004019.D
Acq: 14 Aug 2018 01:51

Instrument :
MSVOA_X
ClientSampled :
VSTDICC

Tgt Ion:128 Resp: 2776698
Ion Ratio Lower Upper
128 100
127 13.3 9.9 14.9
129 11.4 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 141.170 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX004019.D
Acq: 14 Aug 2018 01:51

Tgt Ion:180 Resp: 875681
Ion Ratio Lower Upper
180 100
182 98.0 48.1 144.4
145 30.5 14.9 44.5

