

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060518\
 Data File : VX002319.D
 Acq On : 05 Jun 2018 21:18
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 06 04:35:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	243293	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	353853	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	346741	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	225322	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	170788	49.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.04%	
35) Dibromofluoromethane	5.51	113	130841	47.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.04%	
50) Toluene-d8	8.72	98	516632	48.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.88%	
62) 4-Bromofluorobenzene	11.14	95	196795	47.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	127682	50.48	ug/l	99
3) Chloromethane	1.32	50	148666	51.38	ug/l	99
4) Vinyl Chloride	1.41	62	162054	50.84	ug/l	99
5) Bromomethane	1.64	94	94127	52.34	ug/l	98
6) Chloroethane	1.72	64	103711	50.30	ug/l	98
7) Trichlorofluoromethane	1.93	101	266732	54.92	ug/l	97
8) Diethyl Ether	2.19	74	94343	54.90	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	146861	56.04	ug/l	100
10) Methyl Iodide	2.51	142	185893	50.43	ug/l	99
11) Tert butyl alcohol	3.08	59	198834	281.34	ug/l	100
12) 1,1-Dichloroethene	2.37	96	133678	51.61	ug/l	99
13) Acrolein	2.30	56	90321	261.93	ug/l	99
14) Allyl chloride	2.73	41	263037	46.80	ug/l	99
15) Acrylonitrile	3.15	53	413200	280.23	ug/l	99
16) Acetone	2.45	43	393694	264.20	ug/l	100
17) Carbon Disulfide	2.57	76	305344	44.73	ug/l	99
18) Methyl Acetate	2.78	43	197880	57.16	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	492899	54.88	ug/l	99
20) Methylene Chloride	2.86	84	151308	55.30	ug/l	100
21) trans-1,2-Dichloroethene	3.17	96	142695	49.96	ug/l	97
22) Diisopropyl ether	3.88	45	465283	49.54	ug/l	98
23) Vinyl Acetate	3.83	43	1999528	219.44	ug/l	100
24) 1,1-Dichloroethane	3.70	63	270957	48.77	ug/l	99
25) 2-Butanone	4.71	43	538524	225.75	ug/l	99
26) 2,2-Dichloropropane	4.59	77	165605	38.14	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	141981	45.71	ug/l	94
28) Bromochloromethane	5.03	49	126074	53.62	ug/l	99
29) Tetrahydrofuran	5.17	42	353092	229.58	ug/l	100
30) Chloroform	5.22	83	253744	47.33	ug/l	99
31) Cyclohexane	5.57	56	221029	50.32	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	220620	48.53	ug/l	99
36) 1,1-Dichloropropene	5.81	75	184105	49.49	ug/l	99
37) Ethyl Acetate	4.87	43	215266	48.12	ug/l	99
38) Carbon Tetrachloride	5.79	117	191955	49.32	ug/l	97

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	224896	48.94	ug/l	99
40) Benzene	6.15	78	556692	48.81	ug/l	99
41) Methacrylonitrile	5.07	41	119680	46.73	ug/l	99
42) 1,2-Dichloroethane	6.20	62	218521	48.22	ug/l	99
43) Isopropyl Acetate	6.47	43	352799	46.43	ug/l	100
44) Trichloroethene	7.21	130	159108	50.26	ug/l	98
45) 1,2-Dichloropropane	7.52	63	147430	47.88	ug/l	99
46) Dibromomethane	7.67	93	97358	46.64	ug/l	99
47) Bromodichloromethane	7.90	83	179056	47.43	ug/l	98
48) Methyl methacrylate	7.78	41	181840	47.64	ug/l	99
49) 1,4-Dioxane	7.76	88	70481	987.59	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1161584	245.47	ug/l	100
52) Toluene	8.79	92	366227	50.48	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	213794	47.22	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	197177	46.16	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	146483	49.09	ug/l	99
56) Ethyl methacrylate	9.18	69	224478	47.12	ug/l	99
57) 1,3-Dichloropropane	9.38	76	244074	48.76	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	542780	246.19	ug/l	99
59) 2-Hexanone	9.50	43	894269	244.67	ug/l	99
60) Dibromochloromethane	9.59	129	148218	49.39	ug/l	100
61) 1,2-Dibromoethane	9.68	107	154304	49.60	ug/l	100
64) Tetrachloroethene	9.34	164	186453	52.14	ug/l	98
65) Chlorobenzene	10.14	112	419511	48.62	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	150683	48.23	ug/l	100
67) Ethyl Benzene	10.26	91	727455	50.38	ug/l	99
68) m/p-Xylenes	10.37	106	571129	101.76	ug/l	99
69) o-Xylene	10.70	106	277095	49.61	ug/l	100
70) Styrene	10.71	104	467488	51.20	ug/l	99
71) Bromoform	10.86	173	113170	41.11	ug/l	98
73) Isopropylbenzene	11.02	105	756132	48.24	ug/l	100
74) N-amyl acetate	6.47	43	352799	41.77	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	215571	43.73	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	253854	51.34	ug/l	80
77) Bromobenzene	11.26	156	202777	46.08	ug/l	99
78) n-propylbenzene	11.37	91	864423	49.62	ug/l	100
79) 2-Chlorotoluene	11.43	91	508939	46.26	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	653443	48.60	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	54973	38.98	ug/l	93
82) 4-Chlorotoluene	11.52	91	605962	47.72	ug/l	100
83) tert-Butylbenzene	11.77	119	626307	47.84	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	670697	48.46	ug/l	99
85) sec-Butylbenzene	11.95	105	782257	50.97	ug/l	99
86) p-Isopropyltoluene	12.07	119	702209	50.23	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	374252	47.57	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	379289	46.77	ug/l	99
89) n-Butylbenzene	12.39	91	605453	51.64	ug/l	99
90) Hexachloroethane	12.60	117	99866	44.75	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	385314	47.33	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	49000	45.45	ug/l	99

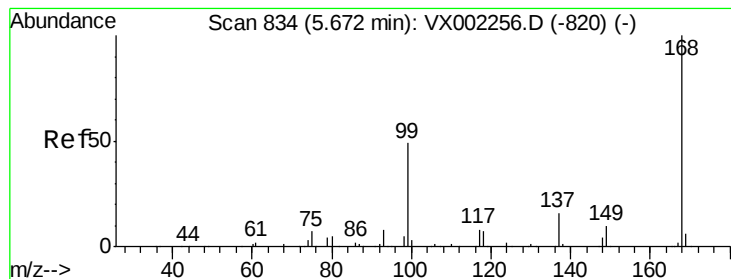
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Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	276123	48.37	ug/l	100
94) Hexachlorobutadiene	13.79	225	145718	51.66	ug/l	99
95) Naphthalene	13.84	128	795060	48.48	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	281754	48.40	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX002319.D

Acq: 05 Jun 2018 21:18

Instrument :

MSVOA_X

ClientSampleId :

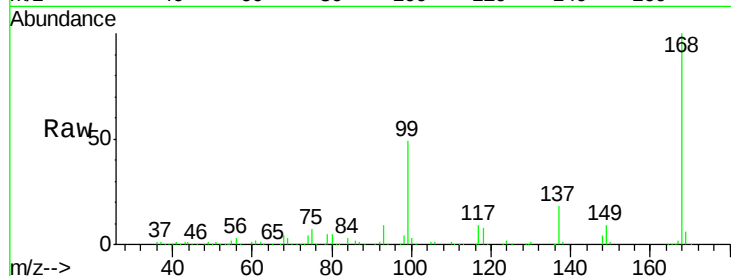
VSTDCCC050EC

Tot Ion:168 Resp: 243293

Ion Ratio Lower Upper

168 100

99 49.1 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

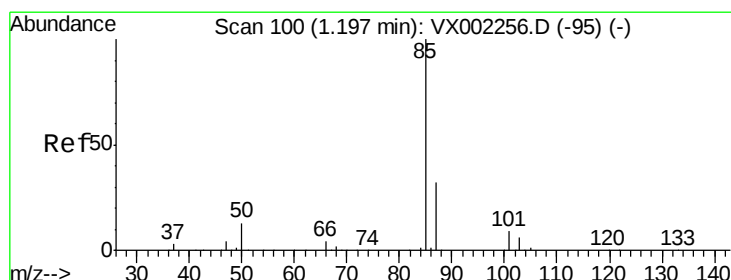
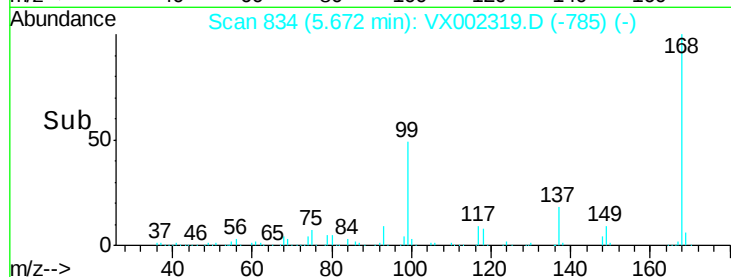
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 50.48 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002319.D

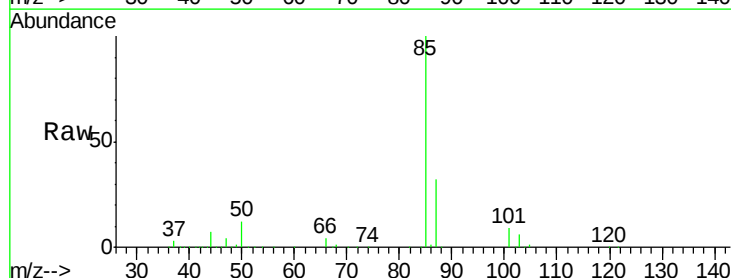
Acq: 05 Jun 2018 21:18

Tgt Ion: 85 Resp: 127682

Ion Ratio Lower Upper

85 100

87 31.5 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

150000

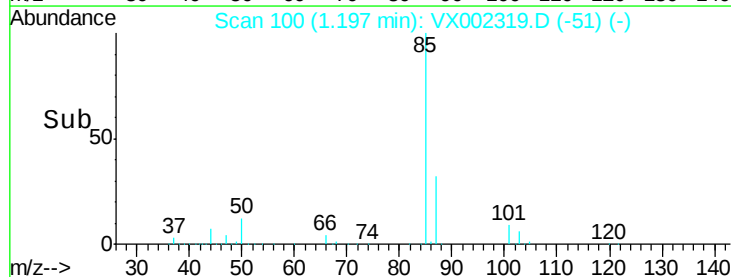
100000

50000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 51.38 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002319.D

Acq: 05 Jun 2018 21:18

Instrument :

MSVOA_X

ClientSampleId :

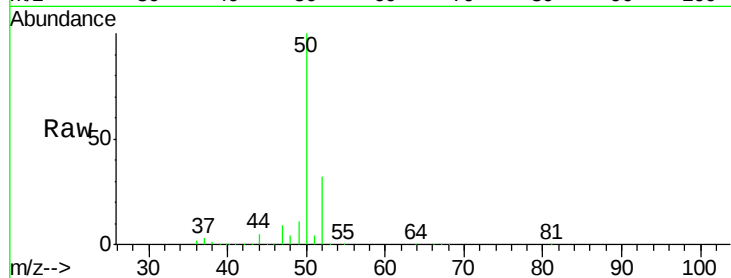
VSTDCCC050EC

Tot Ion: 50 Resp: 148666

Ion Ratio Lower Upper

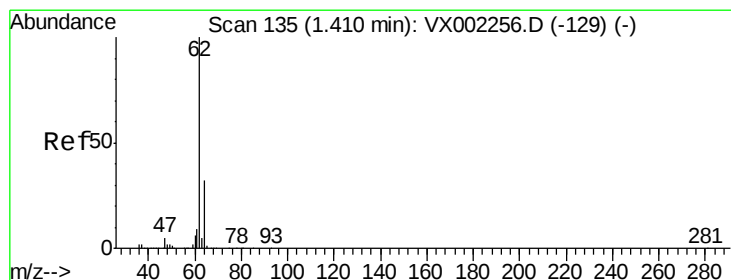
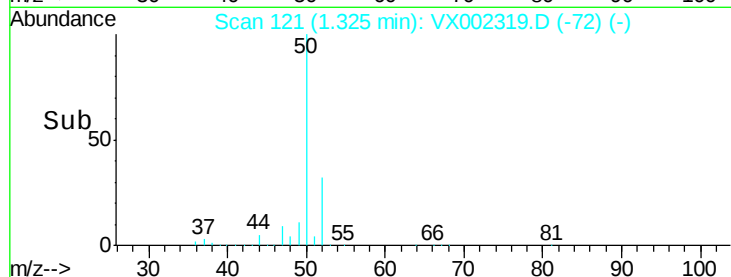
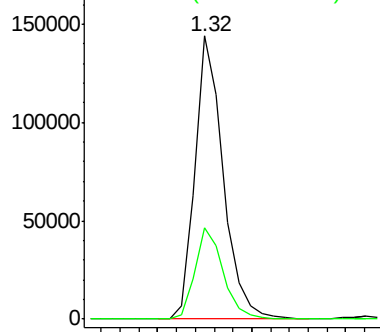
50 100

52 32.4 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 50.84 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX002319.D

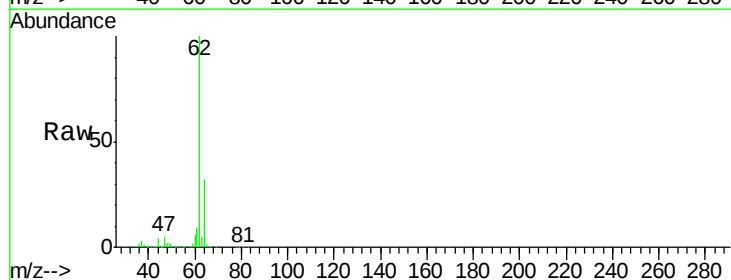
Acq: 05 Jun 2018 21:18

Tgt Ion: 62 Resp: 162054

Ion Ratio Lower Upper

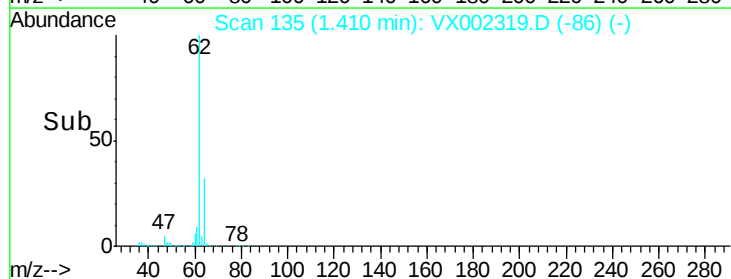
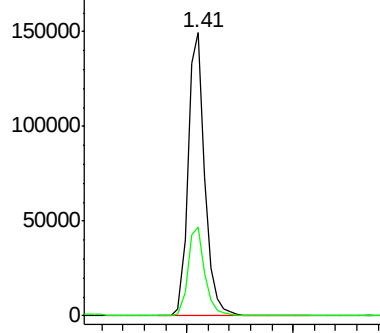
62 100

64 31.4 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 52.34 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002319.D

Acq: 05 Jun 2018 21:18

Instrument :

MSVOA_X

ClientSampleId :

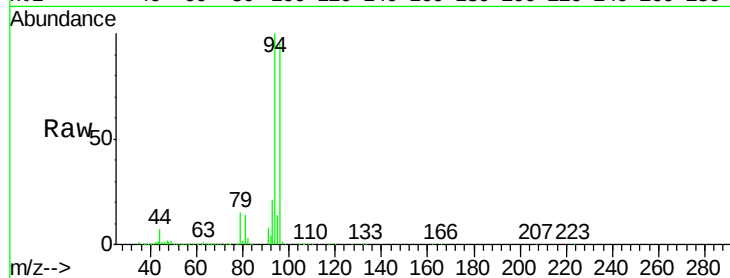
VSTDCCC050EC

Tot Ion: 94 Resp: 94127

Ion Ratio Lower Upper

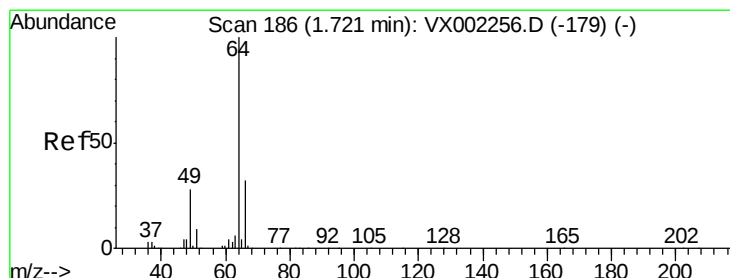
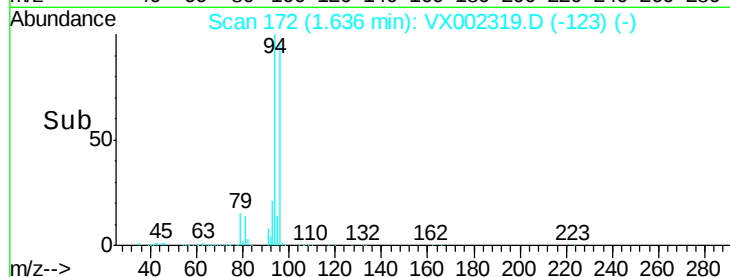
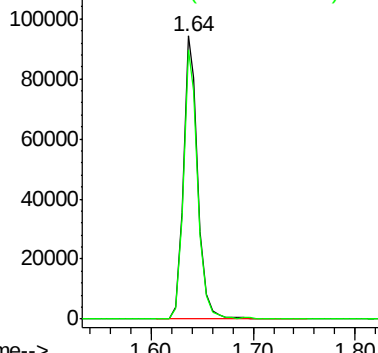
94 100

96 95.1 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 50.30 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX002319.D

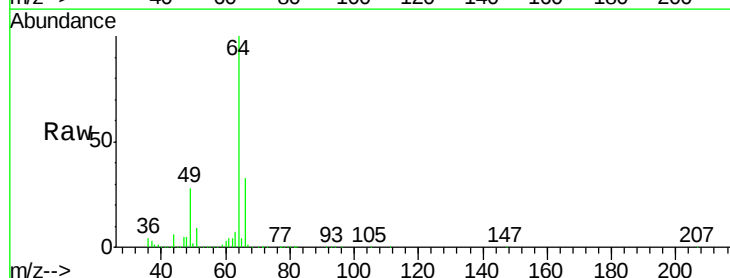
Acq: 05 Jun 2018 21:18

Tgt Ion: 64 Resp: 103711

Ion Ratio Lower Upper

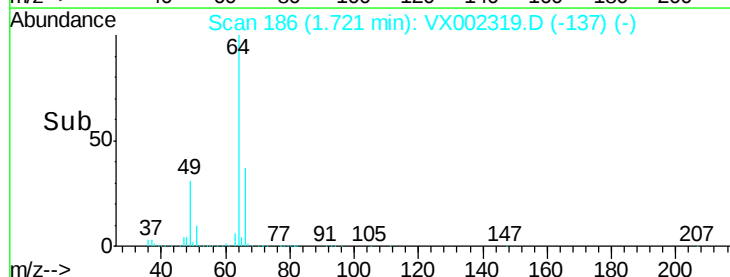
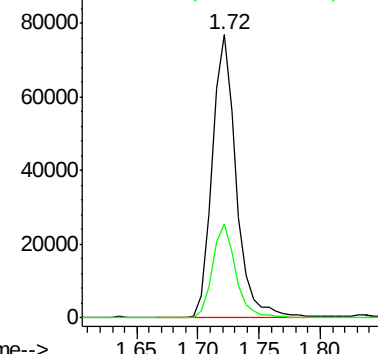
64 100

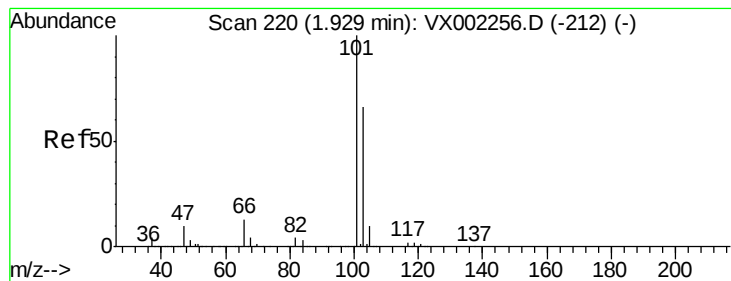
66 33.3 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 54.92 ug/l

RT: 1.93 min Scan# 220

Delta R.T. 0.00 min

Lab File: VX002319.D

Acq: 05 Jun 2018 21:18

Instrument :

MSVOA_X

ClientSampleId :

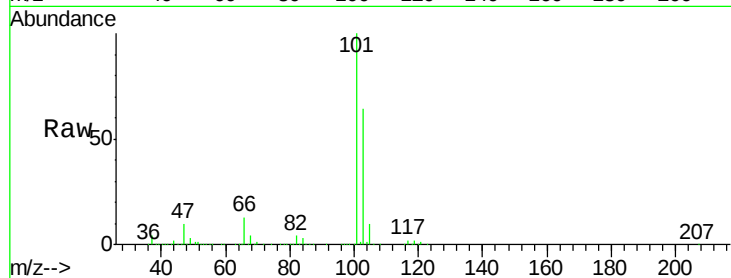
VSTDCCC050EC

Tot Ion:101 Resp: 266732

Ion Ratio Lower Upper

101 100

103 63.8 52.8 79.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

1.93

200000

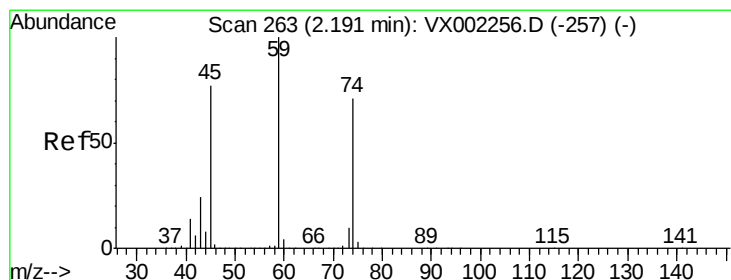
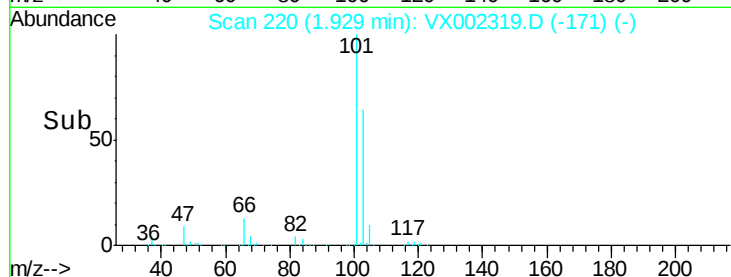
150000

100000

50000

0

Time--> 1.80 1.90 2.00 2.10



#8

Diethyl Ether

Concen: 54.90 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX002319.D

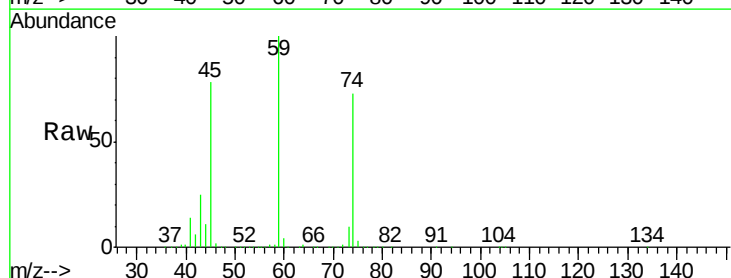
Acq: 05 Jun 2018 21:18

Tgt Ion: 74 Resp: 94343

Ion Ratio Lower Upper

74 100

45 104.1 53.1 159.4



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

80000

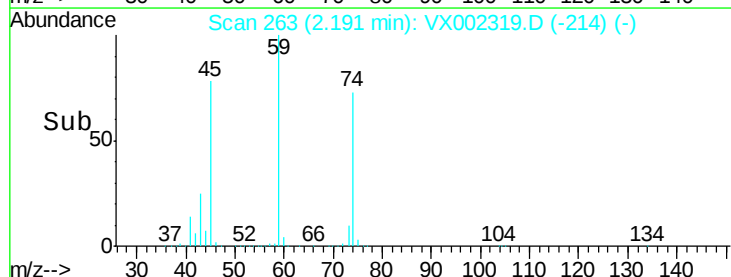
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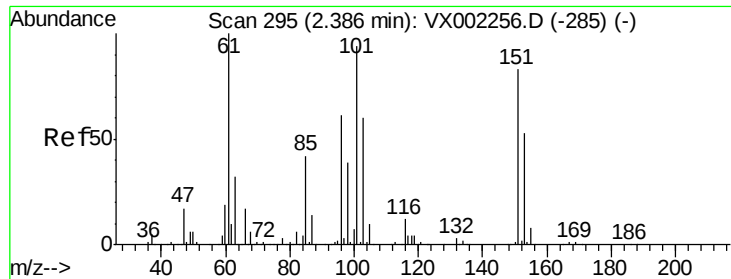
40000

20000

0

Time--> 2.10 2.15 2.20 2.25 2.30





#9

1,1,2-Trichlorotrifluoroethane

Concen: 56.04 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX002319.D

Acq: 05 Jun 2018 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

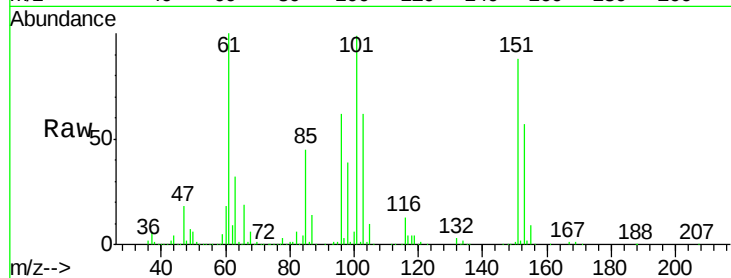
Tot Ion:101 Resp: 146861

Ion Ratio Lower Upper

101 100

85 45.3 36.0 54.0

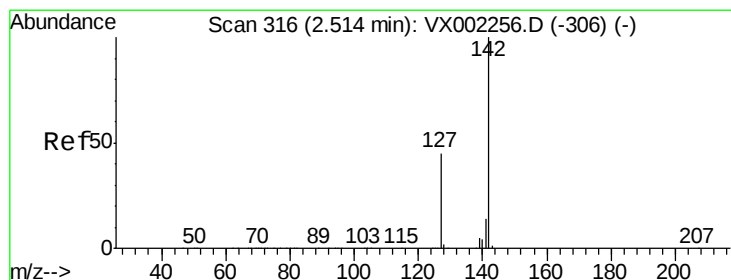
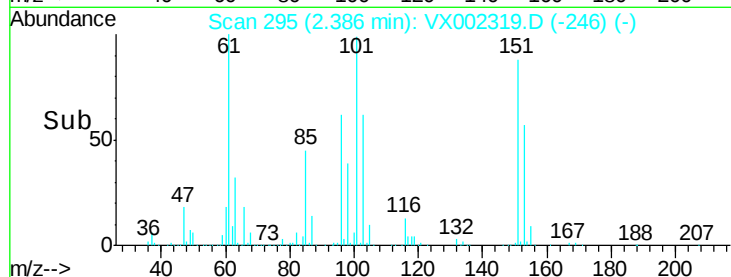
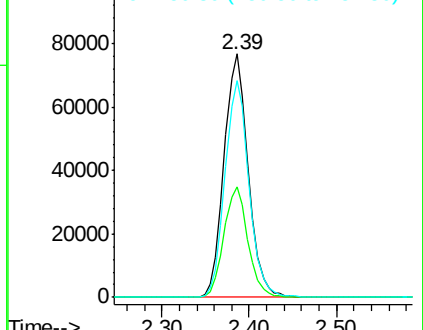
151 88.7 70.9 106.3



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: 50.43 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX002319.D

Acq: 05 Jun 2018 21:18

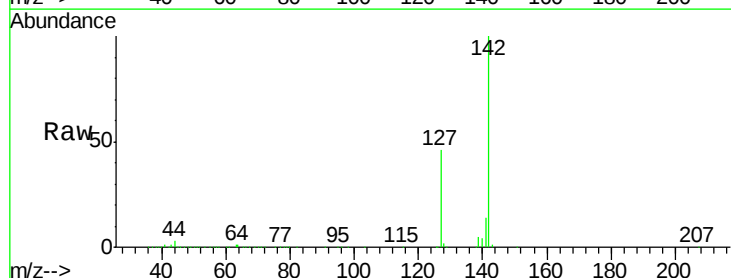
Tgt Ion:142 Resp: 185893

Ion Ratio Lower Upper

142 100

127 46.2 36.6 55.0

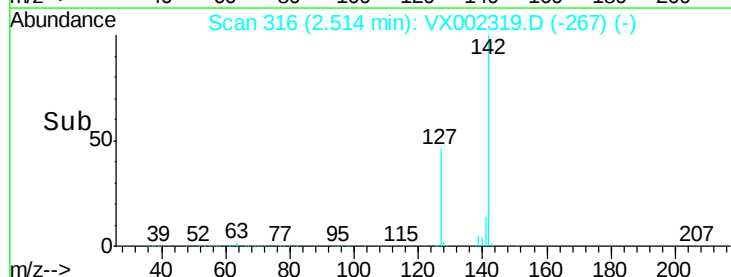
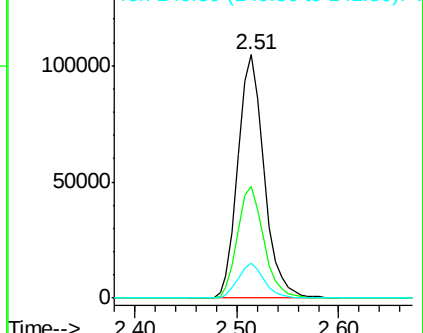
141 14.4 11.3 16.9



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

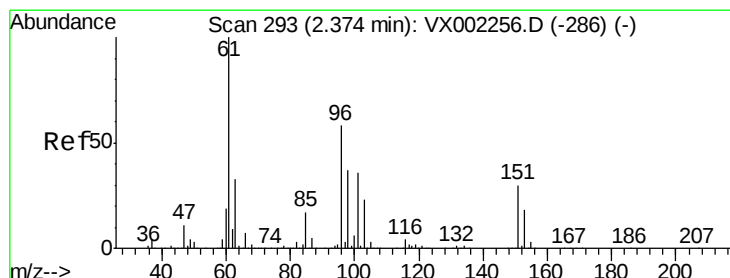
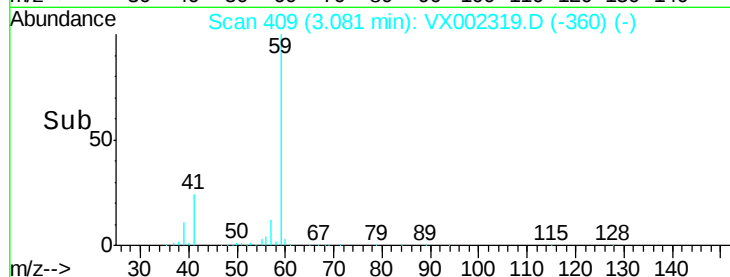
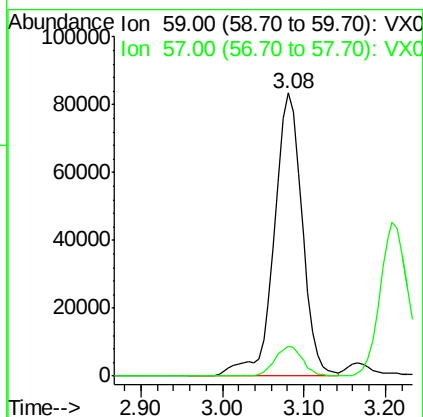
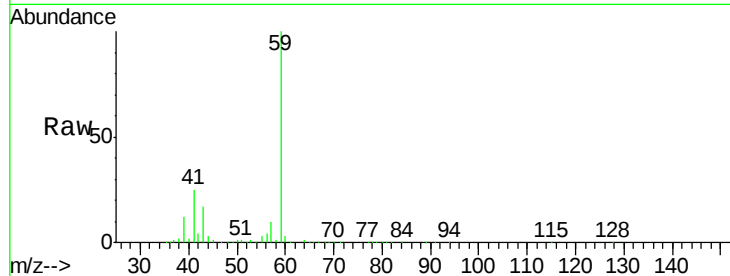




#11
Tert butyl alcohol
Concen: 281.34 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.00 min
Lab File: VX002319.D
Acq: 05 Jun 2018 21:18

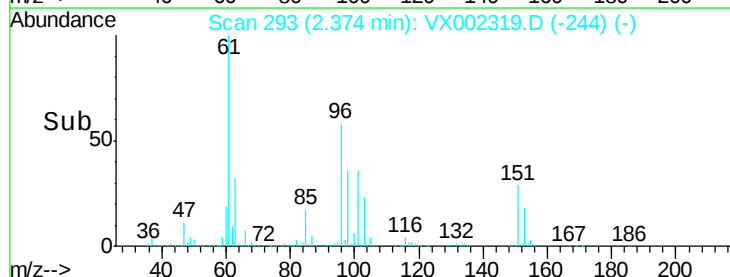
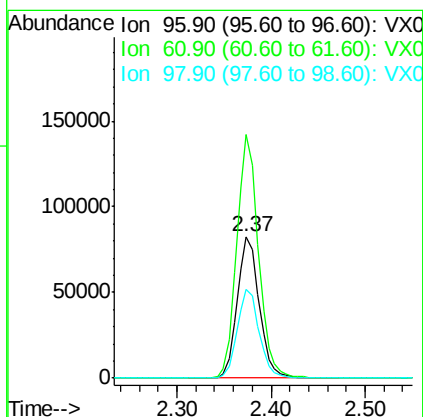
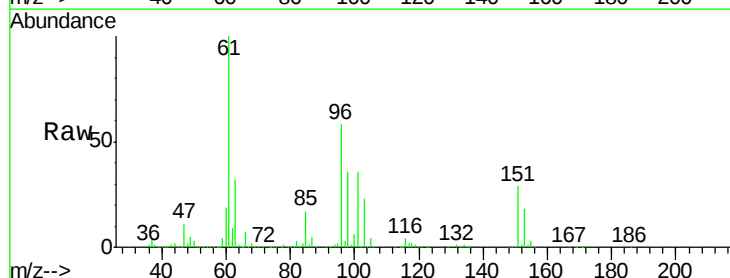
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

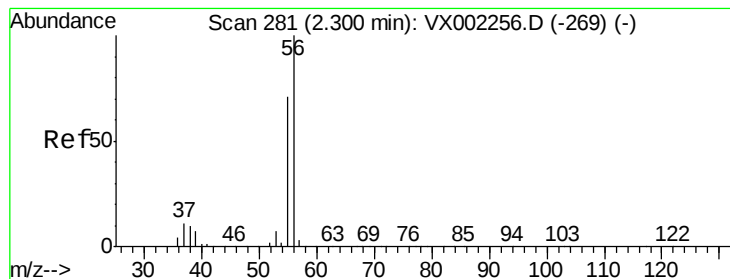
Tot Ion: 59 Resp: 198834
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.2



#12
1,1-Dichloroethene
Concen: 51.61 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX002319.D
Acq: 05 Jun 2018 21:18

Tgt Ion: 96 Resp: 133678
Ion Ratio Lower Upper
96 100
61 171.9 137.9 206.9
98 62.7 51.6 77.4





#13

Acrolein

Concen: 261.93 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX002319.D

Acq: 05 Jun 2018 21:18

Instrument :

MSVOA_X

ClientSampleId :

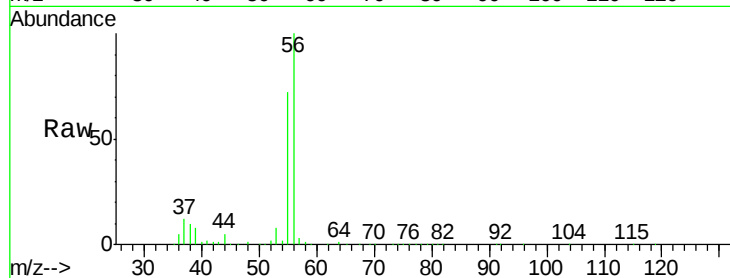
VSTDCCC050EC

Tot Ion: 56 Resp: 90321

Ion Ratio Lower Upper

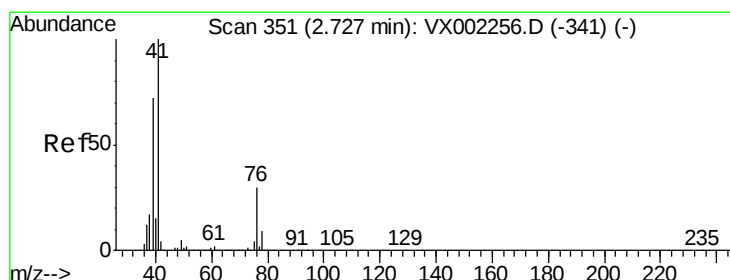
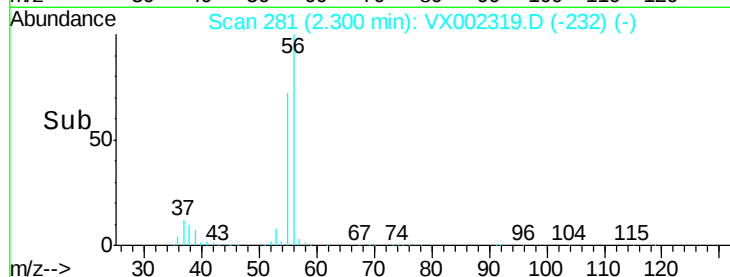
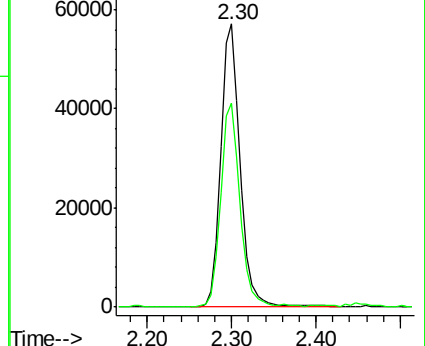
56 100

55 72.1 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 46.80 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX002319.D

Acq: 05 Jun 2018 21:18

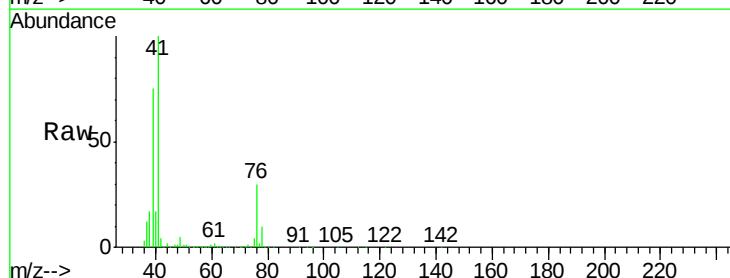
Tgt Ion: 41 Resp: 263037

Ion Ratio Lower Upper

41 100

39 72.5 56.8 85.2

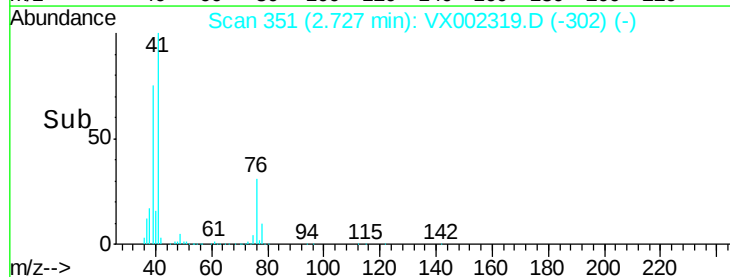
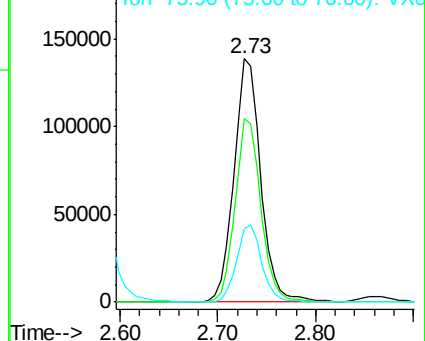
76 30.1 23.8 35.8

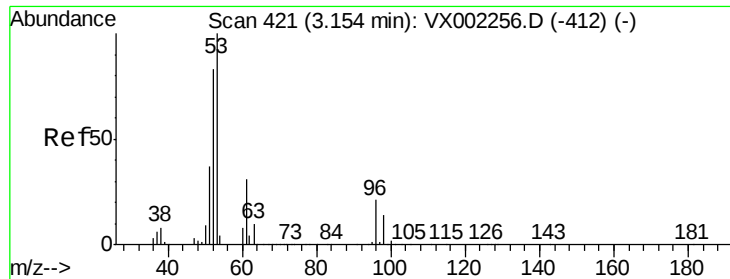


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 280.23 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002319.D

Acq: 05 Jun 2018 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

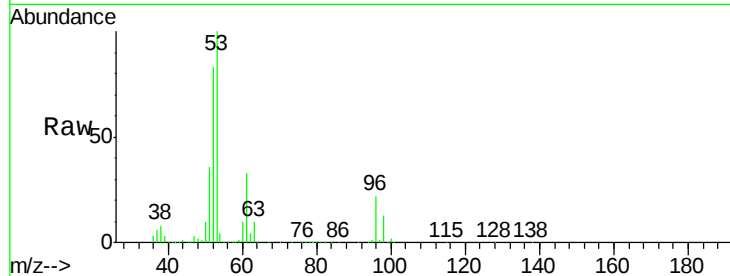
Tot Ion: 53 Resp: 413200

Ion Ratio Lower Upper

53 100

52 82.6 66.7 100.1

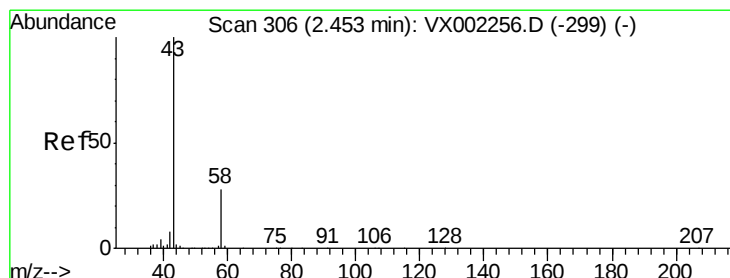
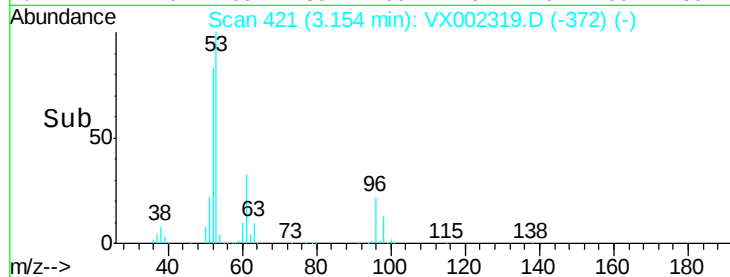
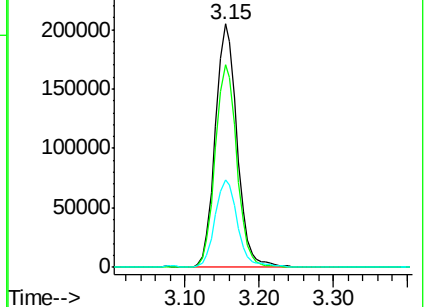
51 37.1 29.9 44.9



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: 264.20 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX002319.D

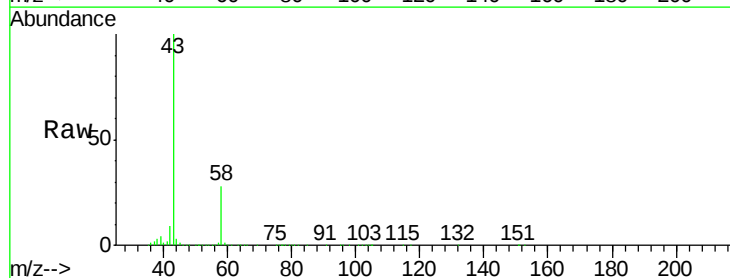
Acq: 05 Jun 2018 21:18

Tgt Ion: 43 Resp: 393694

Ion Ratio Lower Upper

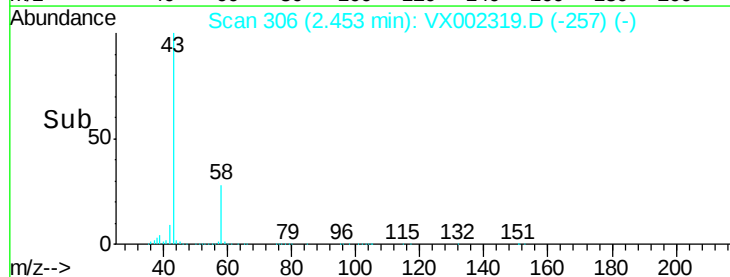
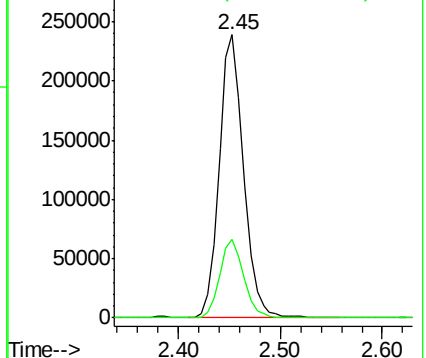
43 100

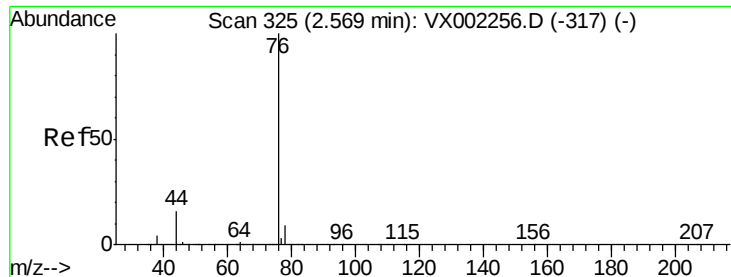
58 27.7 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

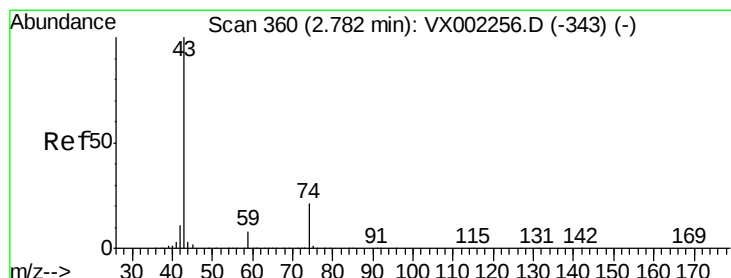
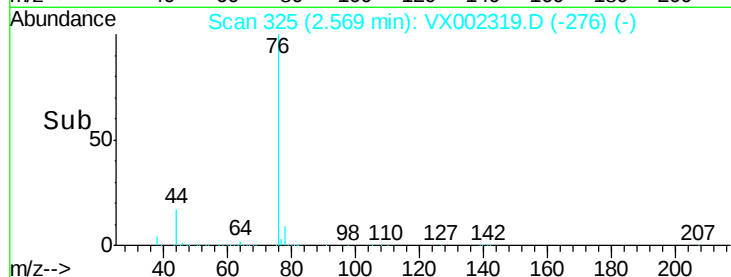
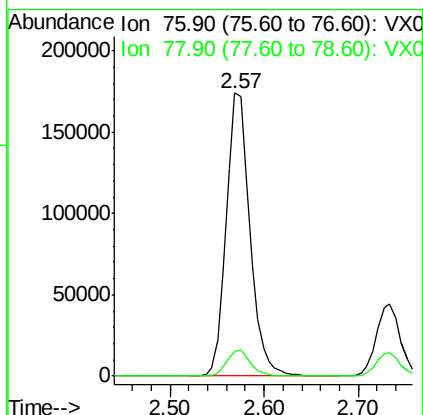
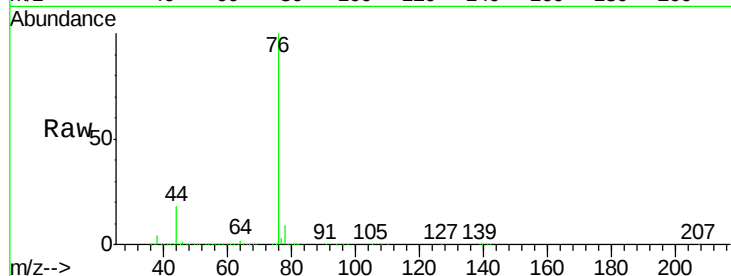




#17
Carbon Disulfide
Concen: 44.73 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX002319.D
Acq: 05 Jun 2018 21:18

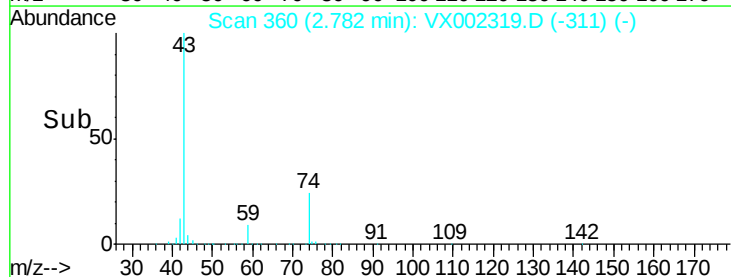
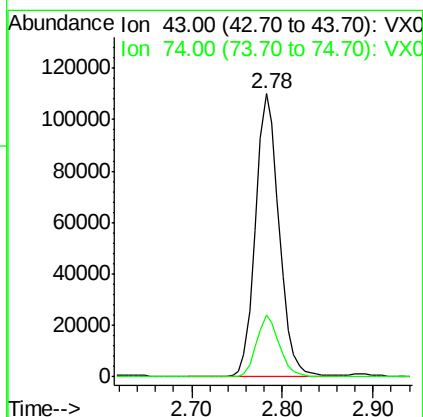
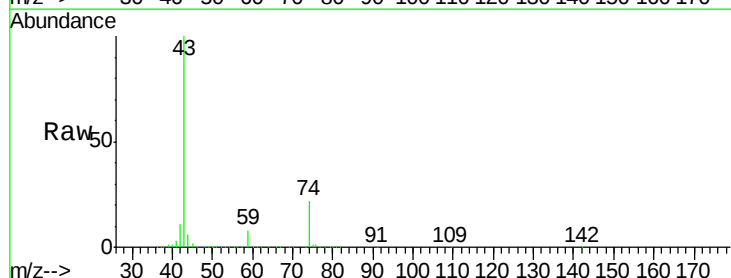
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

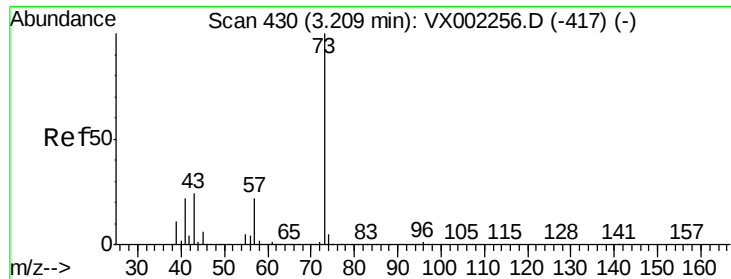
Tot Ion: 76 Resp: 305344
Ion Ratio Lower Upper
76 100
78 8.9 6.9 10.3



#18
Methyl Acetate
Concen: 57.16 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002319.D
Acq: 05 Jun 2018 21:18

Tgt Ion: 43 Resp: 197880
Ion Ratio Lower Upper
43 100
74 20.9 16.7 25.1

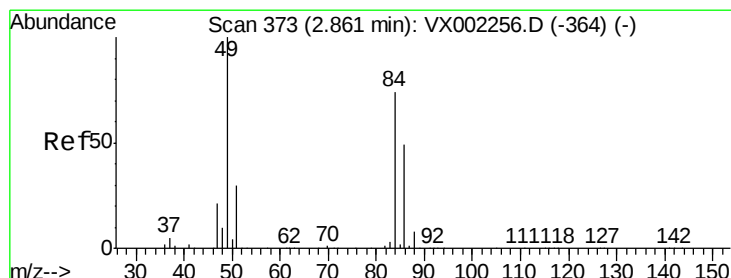
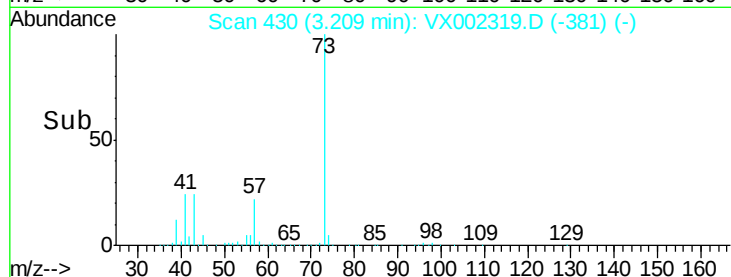
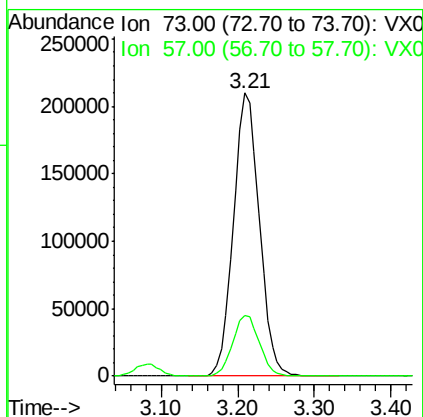
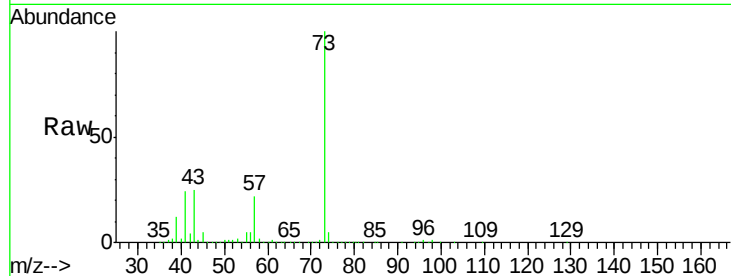




#19
Methvl tert-butvl Ether
Concen: 54.88 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002319.D
Acq: 05 Jun 2018 21:18

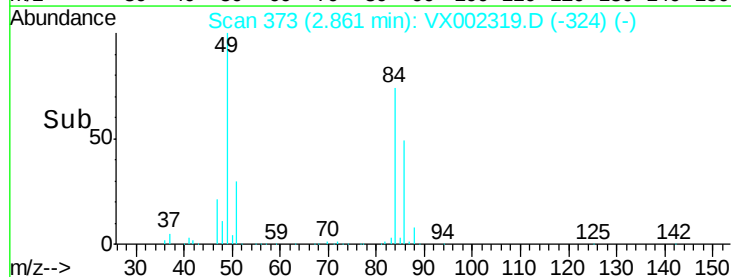
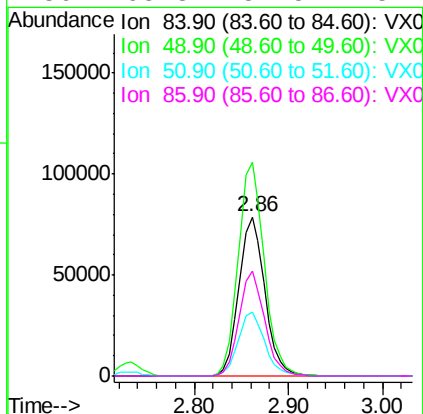
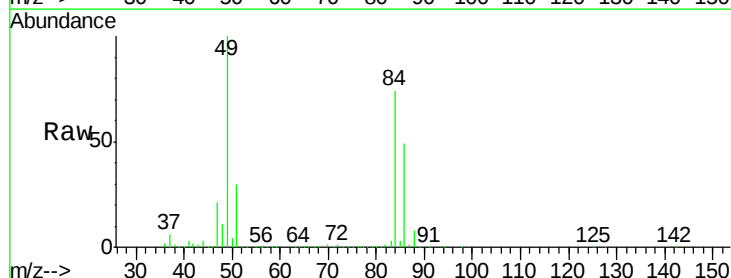
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

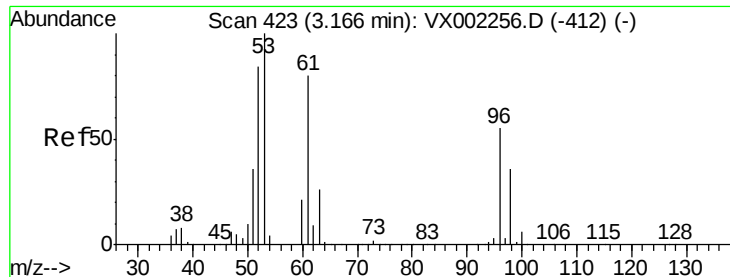
Tot Ion: 73 Resp: 492899
Ion Ratio Lower Upper
73 100
57 21.6 17.7 26.5



#20
Methylene Chloride
Concen: 55.30 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002319.D
Acq: 05 Jun 2018 21:18

Tgt Ion: 84 Resp: 151308
Ion Ratio Lower Upper
84 100
49 134.4 107.8 161.6
51 40.4 32.8 49.2
86 65.8 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 49.96 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX002319.D

Acq: 05 Jun 2018 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

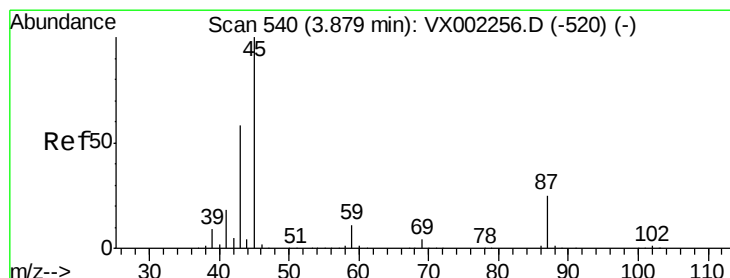
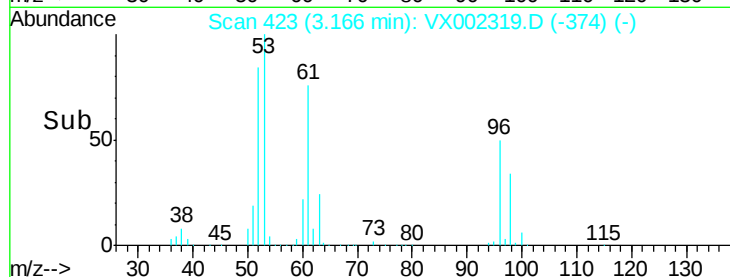
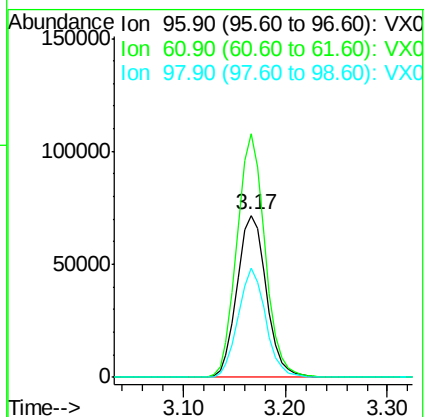
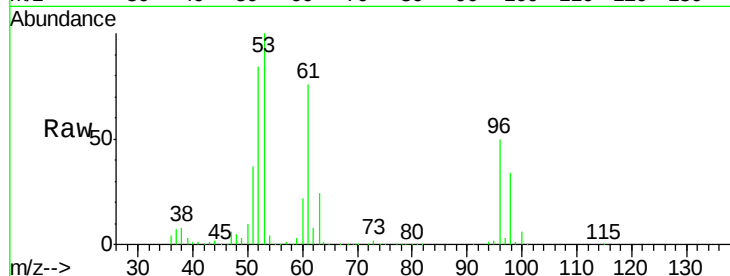
Tot Ion: 96 Resp: 142695

Ion Ratio Lower Upper

96 100

61 150.0 117.0 175.4

98 67.5 52.4 78.6



#22

Diisopropyl ether

Concen: 49.54 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX002319.D

Acq: 05 Jun 2018 21:18

Tgt Ion: 45 Resp: 465283

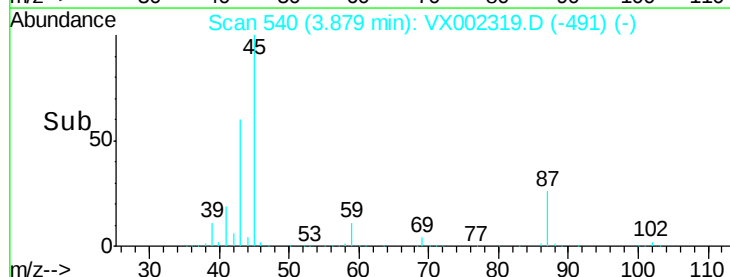
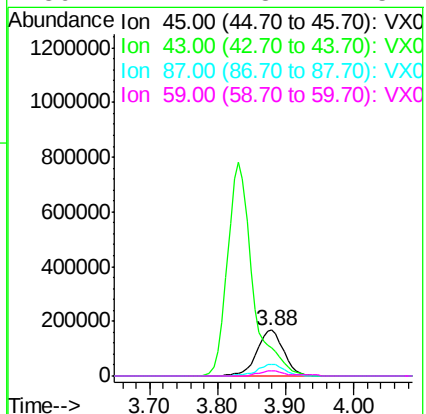
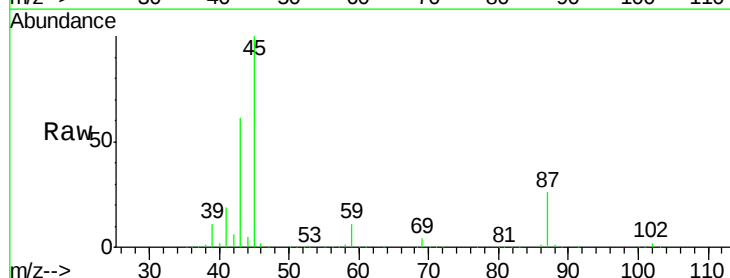
Ion Ratio Lower Upper

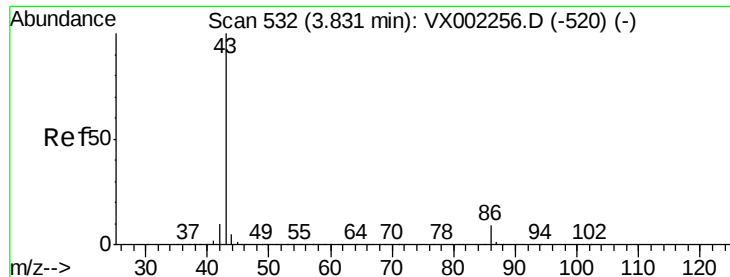
45 100

43 60.5 46.8 70.2

87 25.7 20.2 30.4

59 11.1 8.7 13.1





#23

Vinyl Acetate

Concen: 219.44 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX002319.D

Acq: 05 Jun 2018 21:18

Instrument :

MSVOA_X

ClientSampleId :

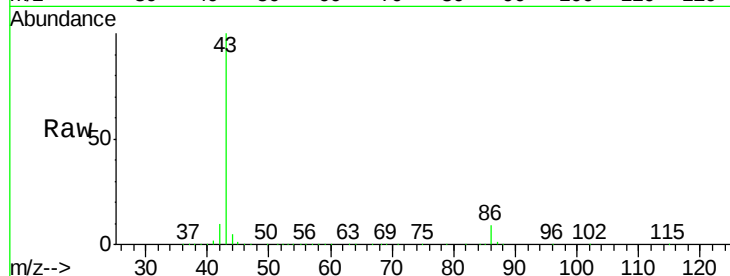
VSTDCCC050EC

Tot Ion: 43 Resp: 1999528

Ion Ratio Lower Upper

43 100

86 9.2 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.83

800000

600000

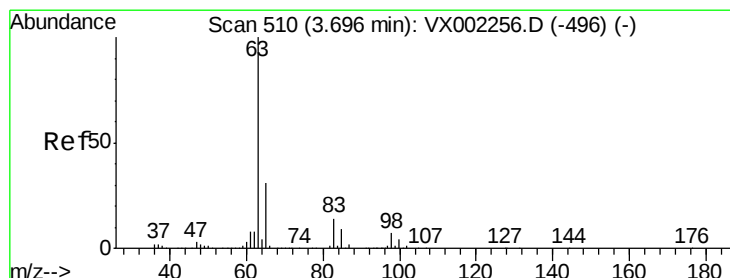
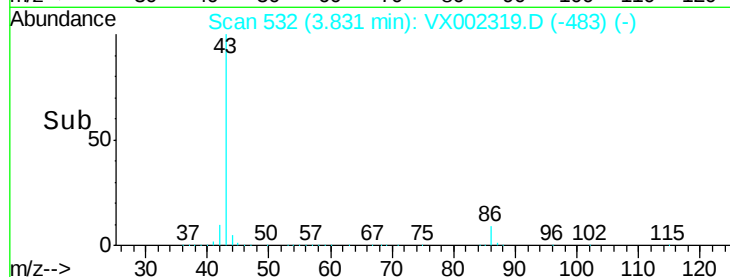
400000

200000

0

3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 48.77 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX002319.D

Acq: 05 Jun 2018 21:18

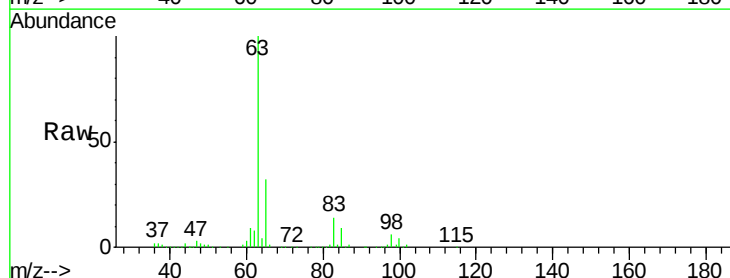
Tgt Ion: 63 Resp: 270957

Ion Ratio Lower Upper

63 100

98 6.3 3.4 10.2

100 4.4 2.0 6.0



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

150000

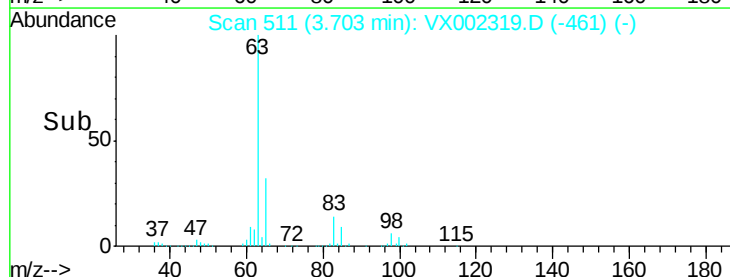
100000

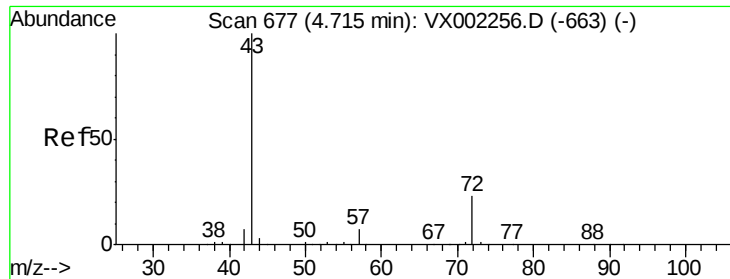
50000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 225.75 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX002319.D

Acq: 05 Jun 2018 21:18

Instrument :

MSVOA_X

ClientSampleId :

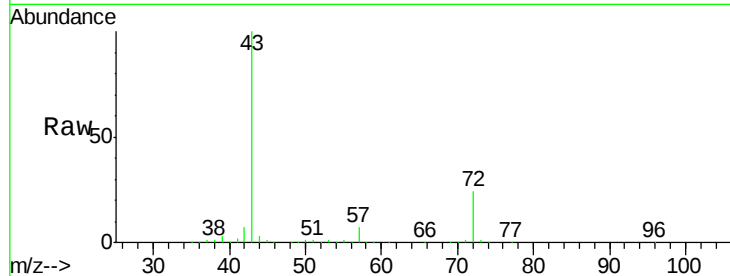
VSTDCCC050EC

Tot Ion: 43 Resp: 538524

Ion Ratio Lower Upper

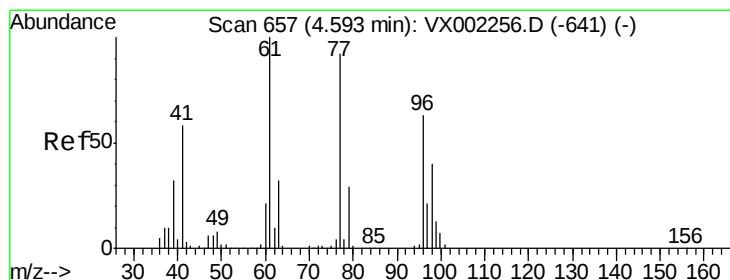
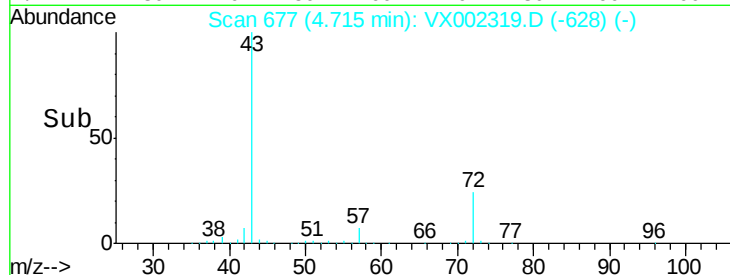
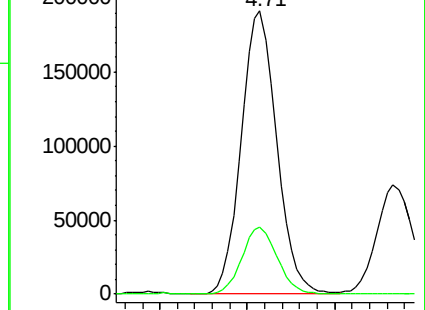
43 100

72 23.5 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 38.14 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX002319.D

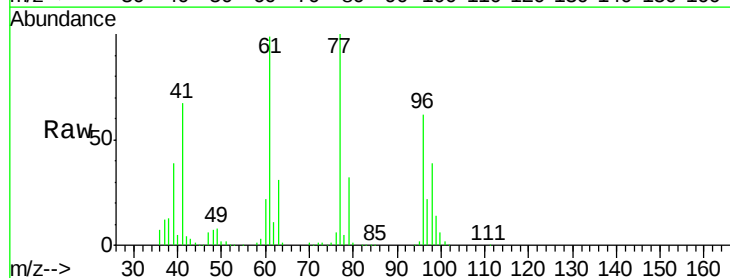
Acq: 05 Jun 2018 21:18

Tgt Ion: 77 Resp: 165605

Ion Ratio Lower Upper

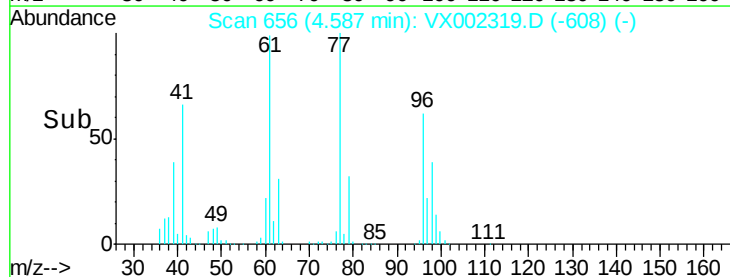
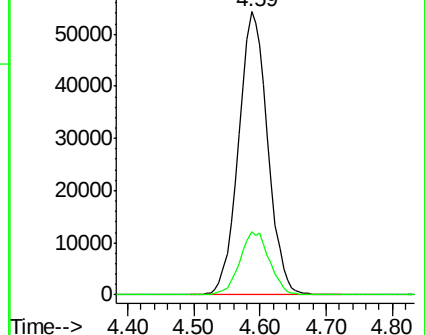
77 100

97 22.8 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 45.71 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX002319.D

Acq: 05 Jun 2018 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

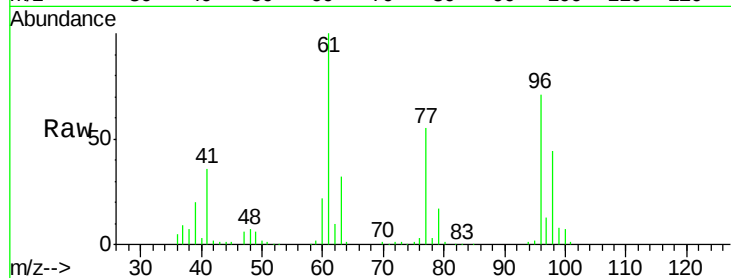
Tot Ion: 96 Resp: 141981

Ion Ratio Lower Upper

96 100

61 154.4 0.0 330.2

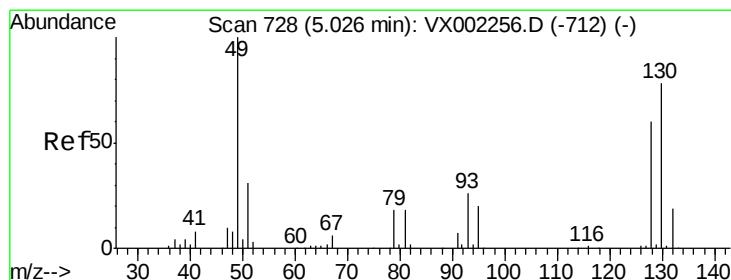
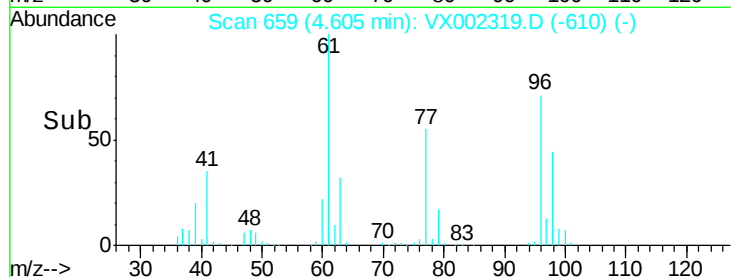
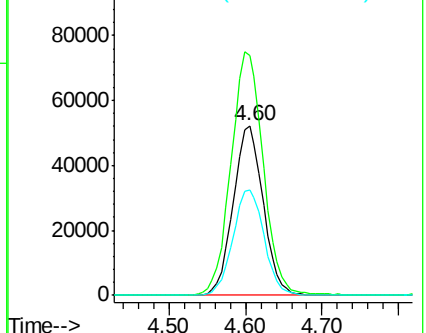
98 64.4 0.0 130.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 53.62 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX002319.D

Acq: 05 Jun 2018 21:18

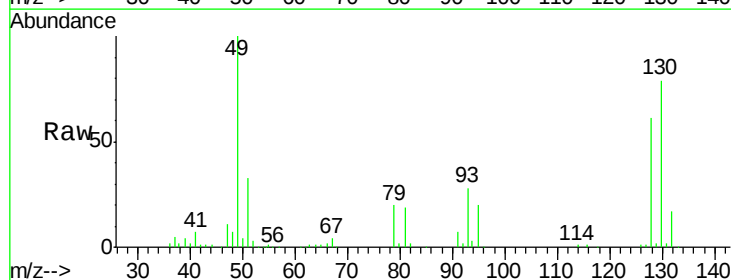
Tgt Ion: 49 Resp: 126074

Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.2

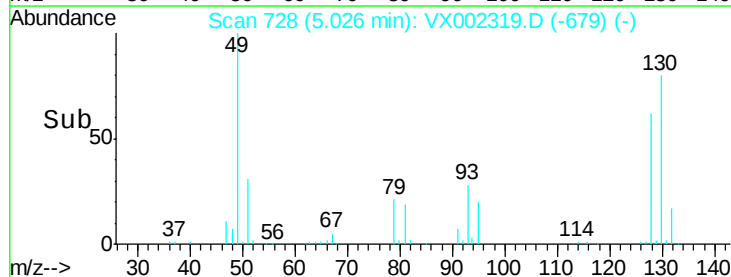
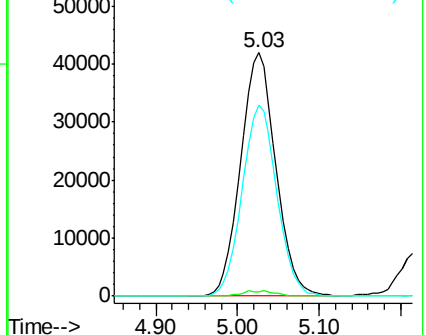
130 77.3 61.2 91.8

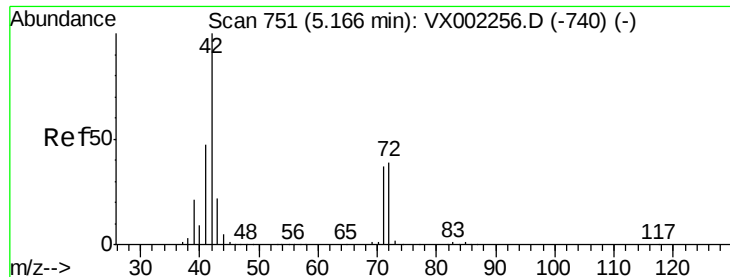


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

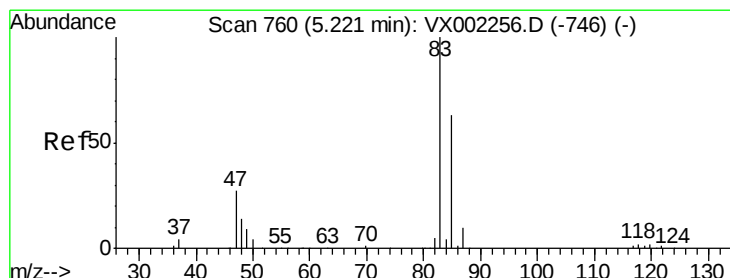
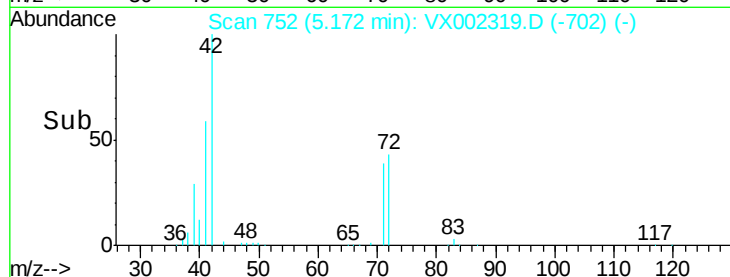
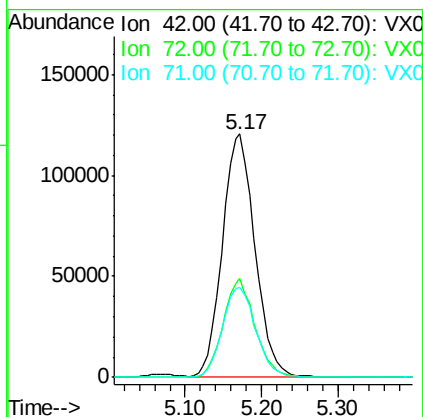
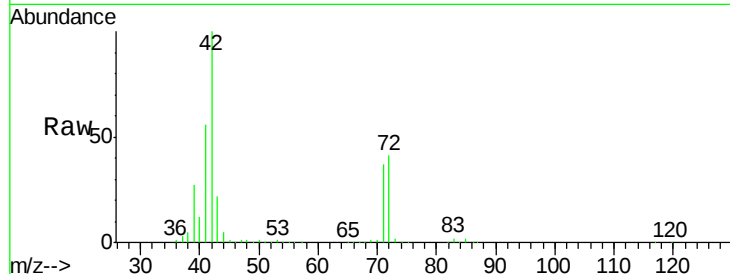




#29
Tetrahydrofuran
Concen: 229.58 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX002319.D
Acq: 05 Jun 2018 21:18

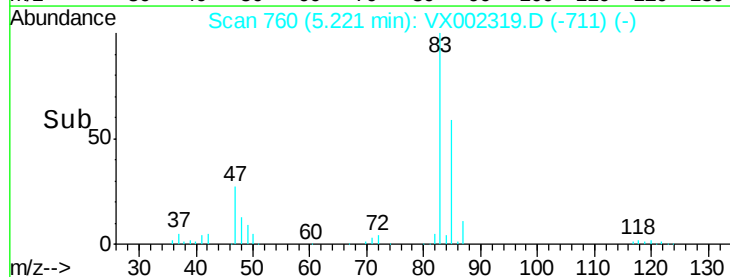
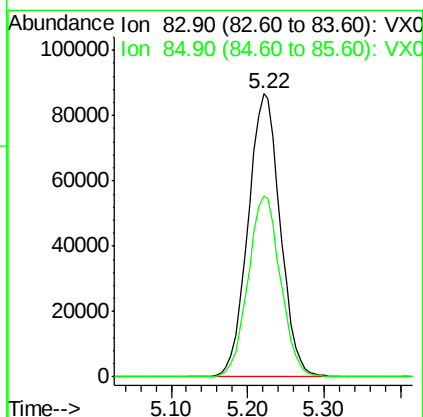
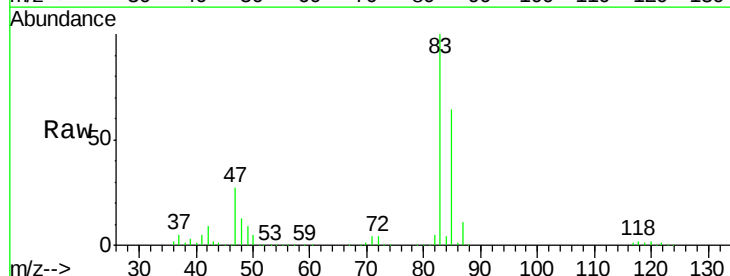
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 42 Resp: 353092
Ion Ratio Lower Upper
42 100
72 40.0 32.0 48.0
71 37.8 30.1 45.1



#30
Chloroform
Concen: 47.33 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX002319.D
Acq: 05 Jun 2018 21:18

Tgt Ion: 83 Resp: 253744
Ion Ratio Lower Upper
83 100
85 64.2 50.4 75.6





#31

Cyclohexane

Concen: 50.32 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX002319.D

Acq: 05 Jun 2018 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

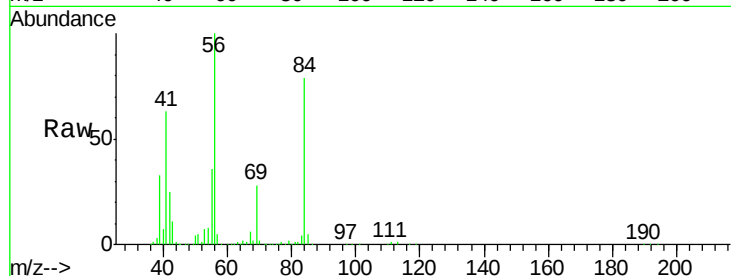
Tot Ion: 56 Resp: 221029

Ion Ratio Lower Upper

56 100

69 28.5 23.7 35.5

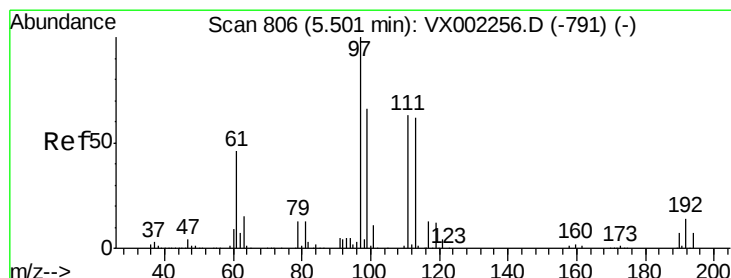
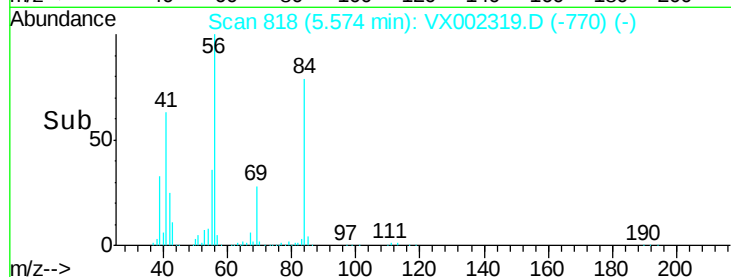
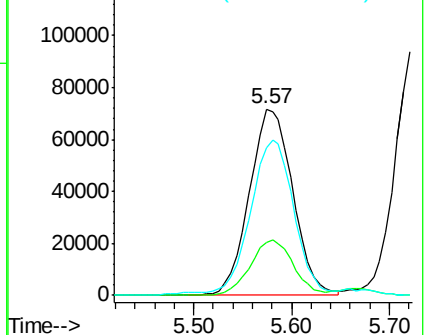
84 77.3 64.1 96.1



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: 48.53 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX002319.D

Acq: 05 Jun 2018 21:18

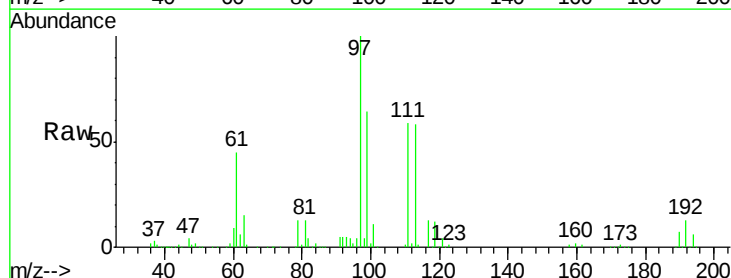
Tgt Ion: 97 Resp: 220620

Ion Ratio Lower Upper

97 100

99 63.9 51.6 77.4

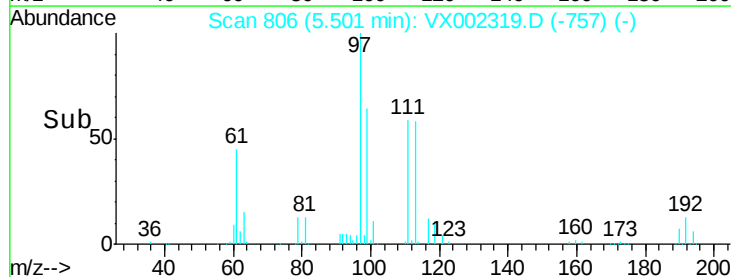
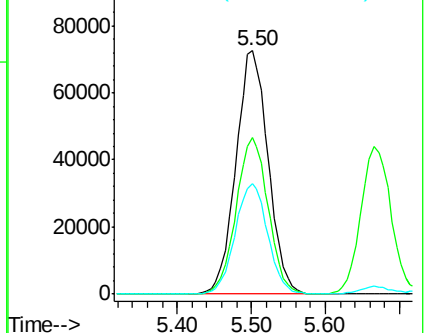
61 46.0 36.4 54.6

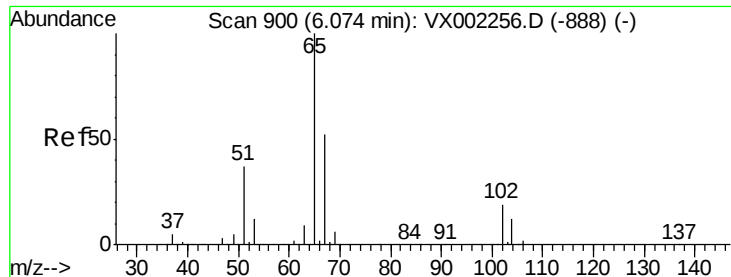


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 49.02 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002319.D

Acq: 05 Jun 2018 21:18

Instrument :

MSVOA_X

ClientSampleId :

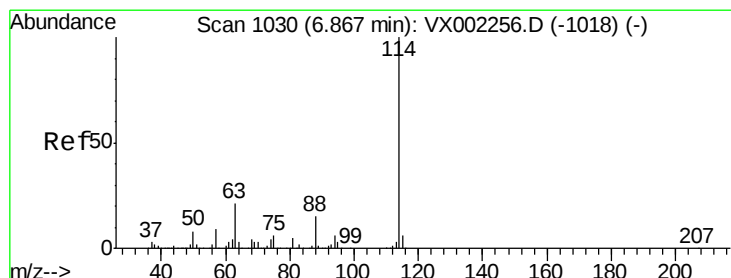
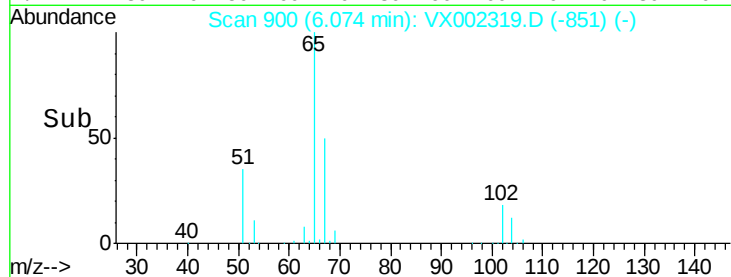
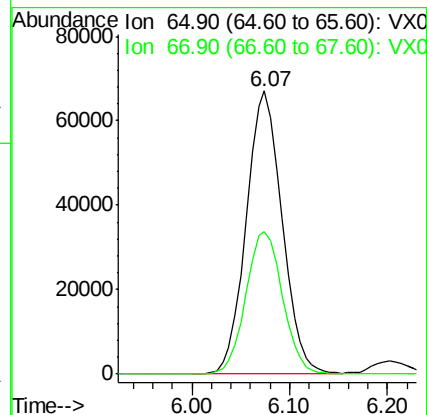
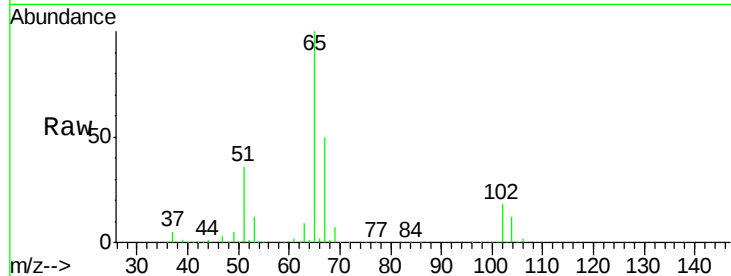
VSTDCCC050EC

Tot Ion: 65 Resp: 170788

Ion Ratio Lower Upper

65 100

67 51.6 0.0 102.6



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX002319.D

Acq: 05 Jun 2018 21:18

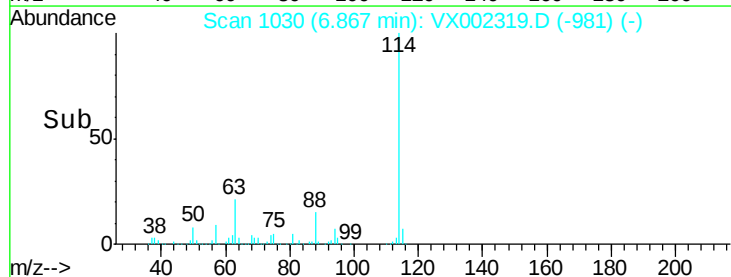
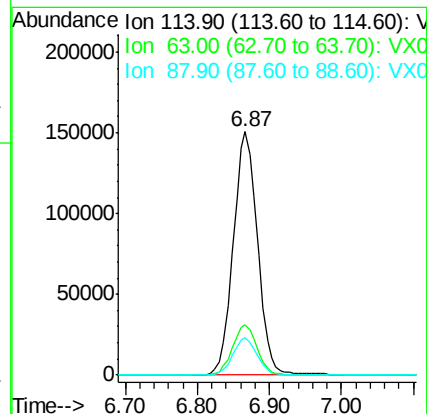
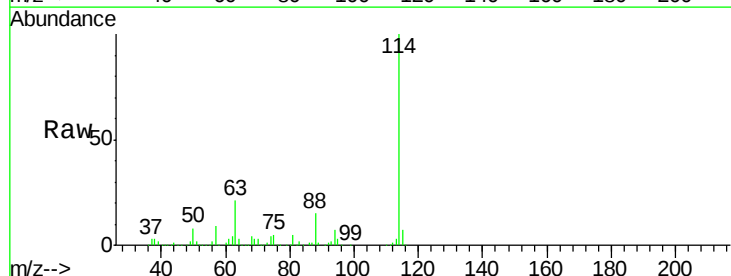
Tgt Ion: 114 Resp: 353853

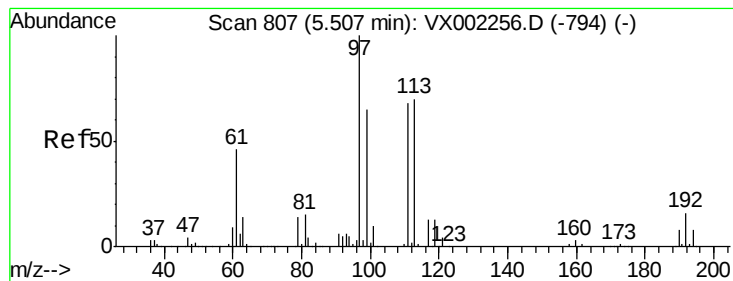
Ion Ratio Lower Upper

114 100

63 20.6 0.0 41.4

88 15.3 0.0 30.0





#35

Dibromofluoromethane

Concen: 47.02 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX002319.D

Acq: 05 Jun 2018 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

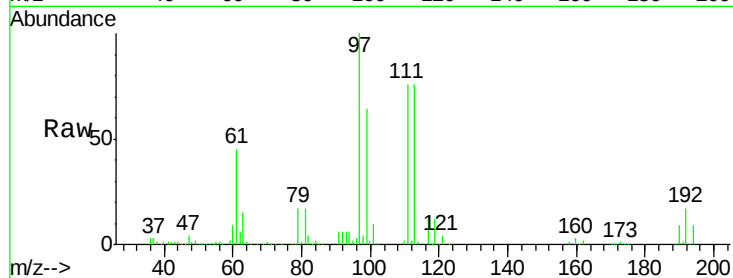
Tot Ion:113 Resp: 130841

Ion Ratio Lower Upper

113 100

111 101.0 81.4 122.0

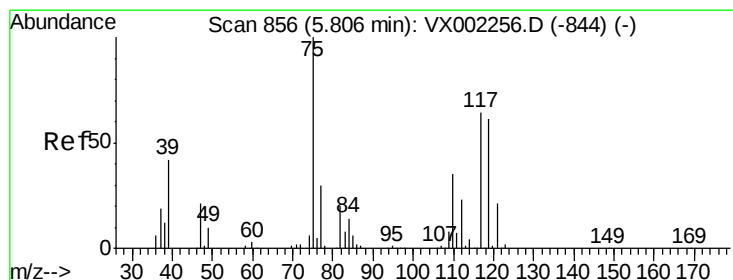
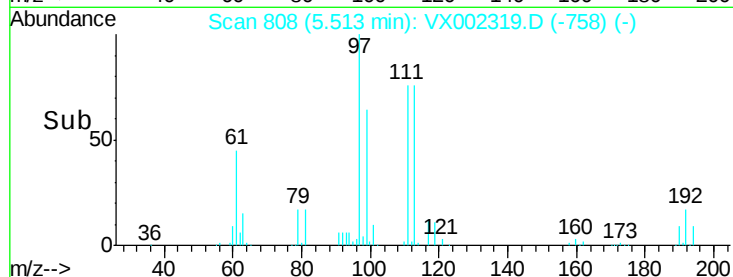
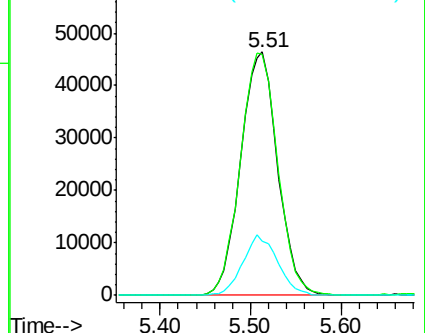
192 23.5 19.1 28.7



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: 49.49 ug/l

RT: 5.81 min Scan# 856

Delta R.T. 0.00 min

Lab File: VX002319.D

Acq: 05 Jun 2018 21:18

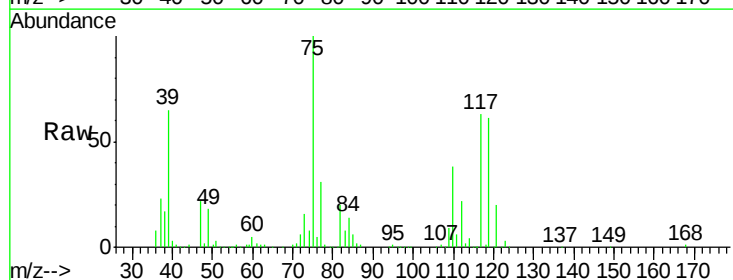
Tgt Ion: 75 Resp: 184105

Ion Ratio Lower Upper

75 100

110 36.5 18.1 54.4

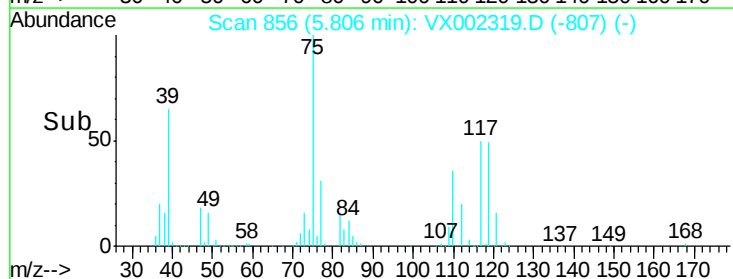
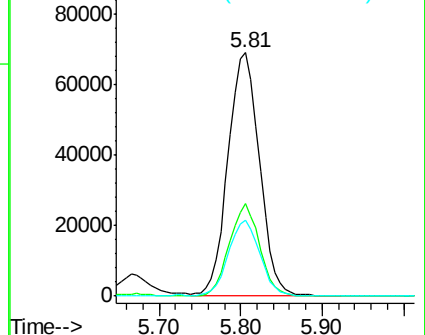
77 30.9 24.3 36.5

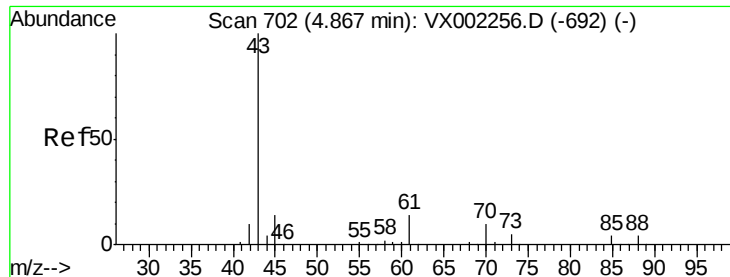


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 48.12 ug/l

RT: 4.87 min Scan# 702

Delta R.T. 0.00 min

Lab File: VX002319.D

Acq: 05 Jun 2018 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

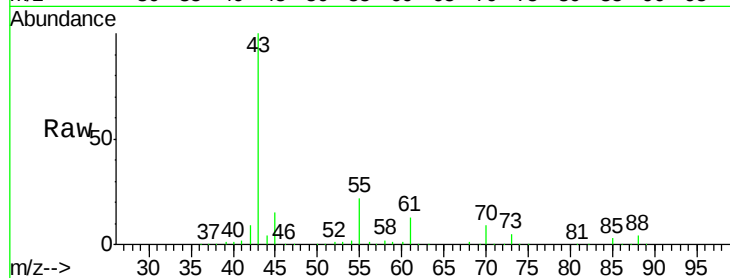
Tot Ion: 43 Resp: 215266

Ion Ratio Lower Upper

43 100

61 12.6 10.4 15.6

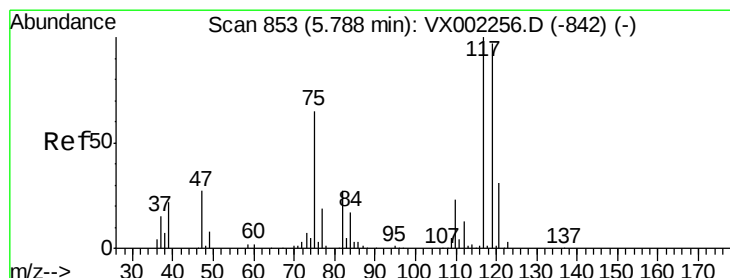
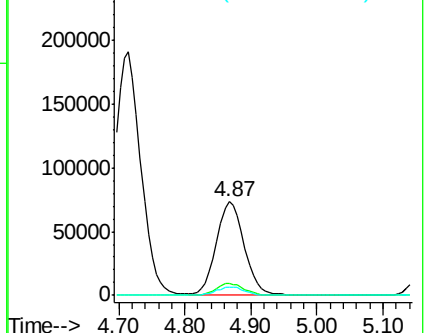
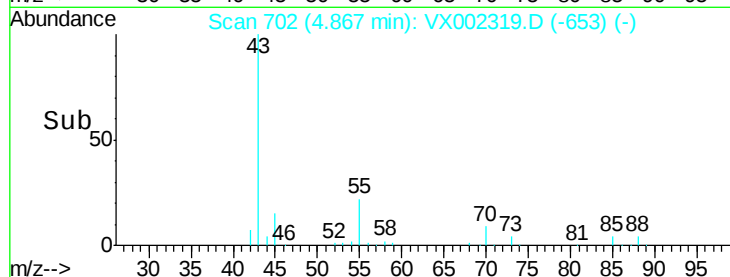
70 9.3 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX002319.D (-653) (-)

Ion 60.90 (60.60 to 61.60): VX002319.D (-653) (-)

Ion 70.00 (69.70 to 70.70): VX002319.D (-653) (-)



#38

Carbon Tetrachloride

Concen: 49.32 ug/l

RT: 5.79 min Scan# 853

Delta R.T. 0.00 min

Lab File: VX002319.D

Acq: 05 Jun 2018 21:18

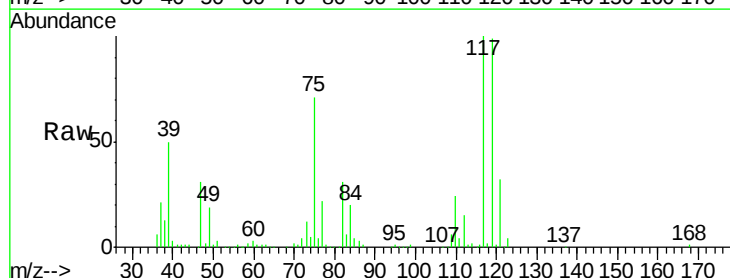
Tgt Ion: 117 Resp: 191955

Ion Ratio Lower Upper

117 100

119 99.3 77.4 116.0

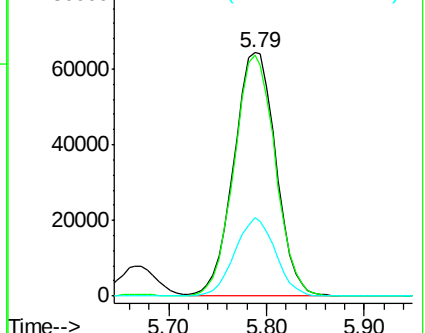
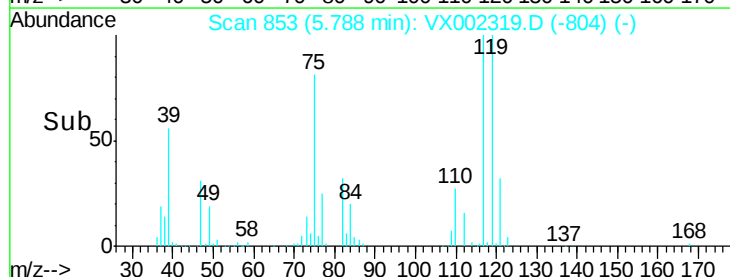
121 32.1 24.4 36.6



Abundance Ion 116.80 (116.50 to 117.50): VX002319.D (-804) (-)

Ion 118.80 (118.50 to 119.50): VX002319.D (-804) (-)

Ion 120.80 (120.50 to 121.50): VX002319.D (-804) (-)

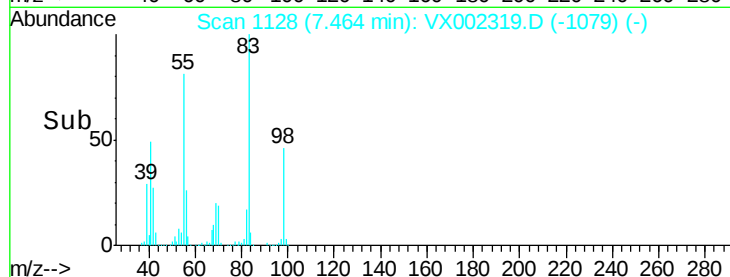
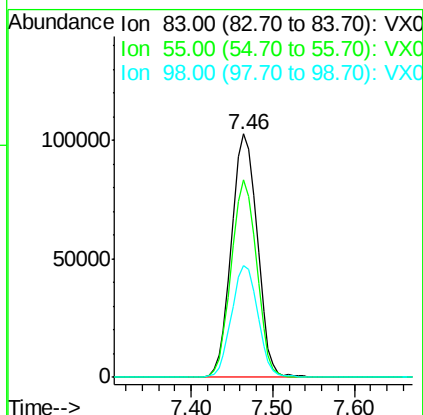
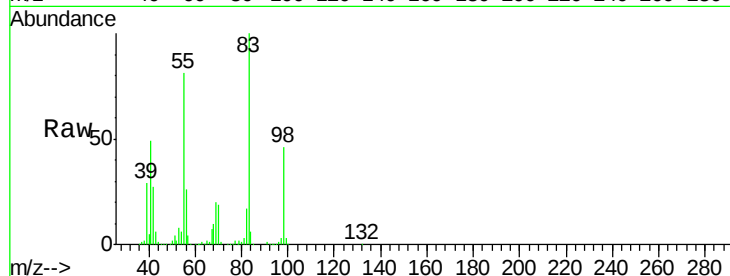




#39
Methvlcvclohexane
Concen: 48.94 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002319.D
Acq: 05 Jun 2018 21:18

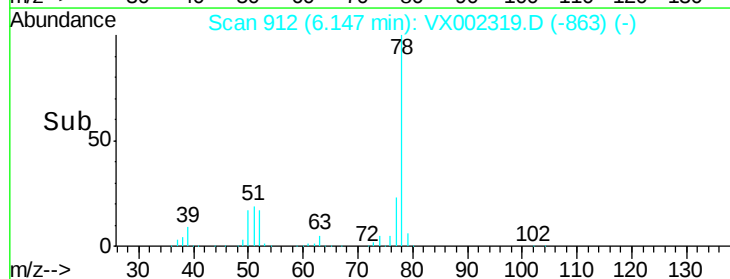
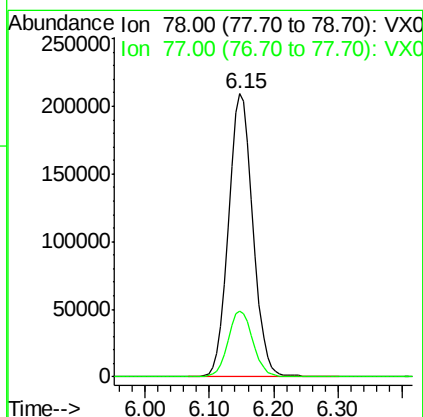
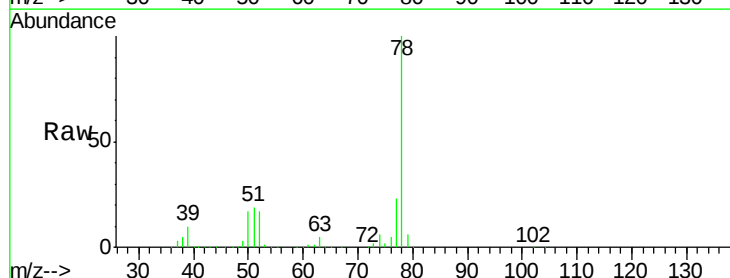
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 224896
Ion Ratio Lower Upper
83 100
55 81.0 65.4 98.0
98 45.7 37.4 56.0



#40
Benzene
Concen: 48.81 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX002319.D
Acq: 05 Jun 2018 21:18

Tgt Ion: 78 Resp: 556692
Ion Ratio Lower Upper
78 100
77 23.4 19.1 28.7

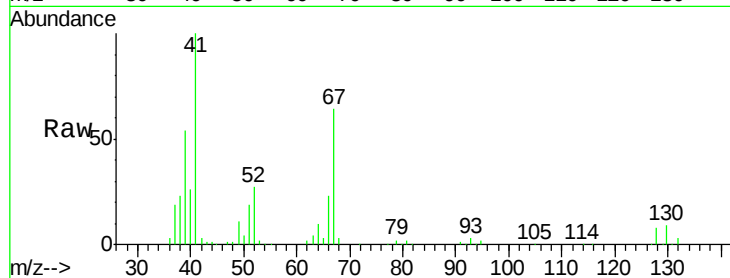




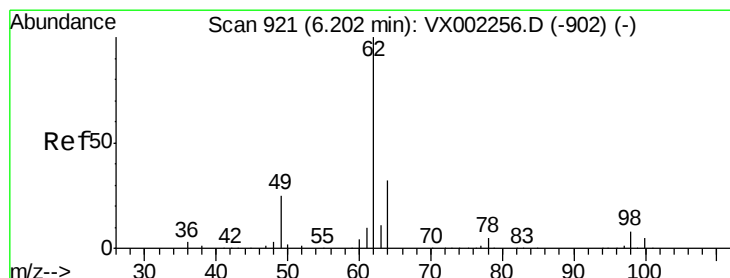
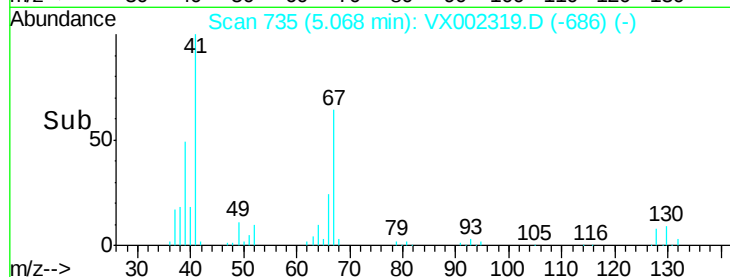
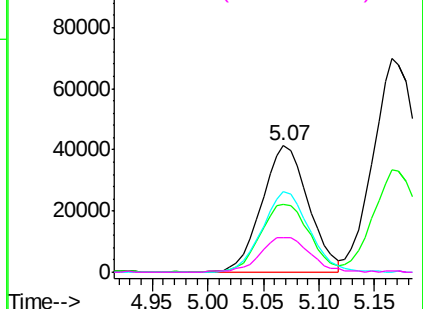
#41
Methacrylonitrile
Concen: 46.73 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX002319.D
Acq: 05 Jun 2018 21:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	119680
Ion	Ratio	Lower	Upper
41	100		
39	56.6	45.8	68.6
67	64.5	51.3	76.9
52	29.7	23.0	34.6

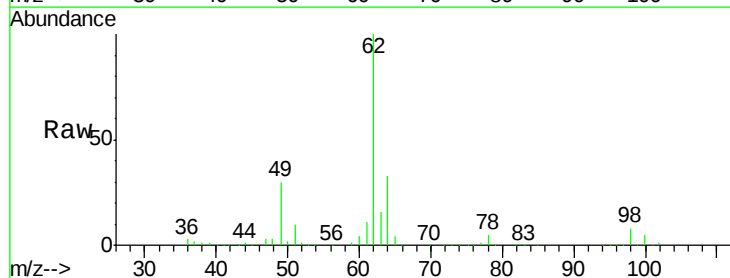


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

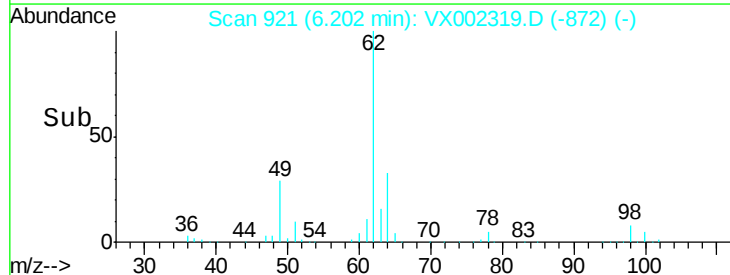
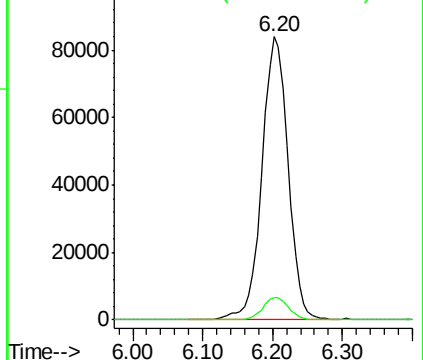


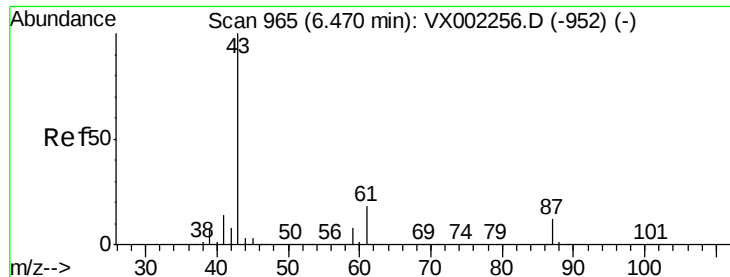
#42
1,2-Dichloroethane
Concen: 48.22 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX002319.D
Acq: 05 Jun 2018 21:18

Tgt Ion:	62	Resp:	218521
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	16.6



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





#43

Isopropyl Acetate

Concen: 46.43 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX002319.D

Acq: 05 Jun 2018 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

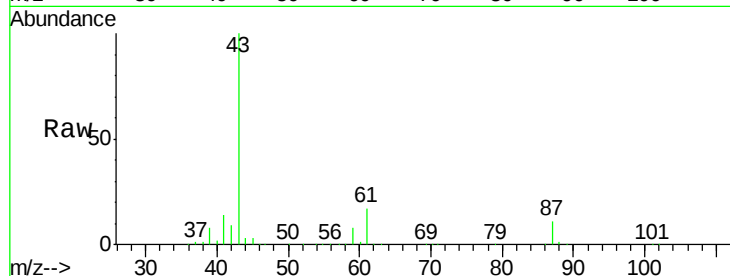
Tot Ion: 43 Resp: 352799

Ion Ratio Lower Upper

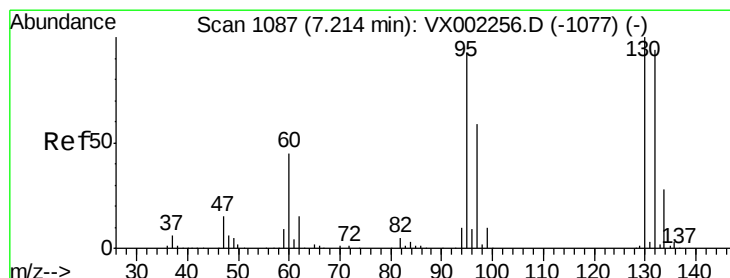
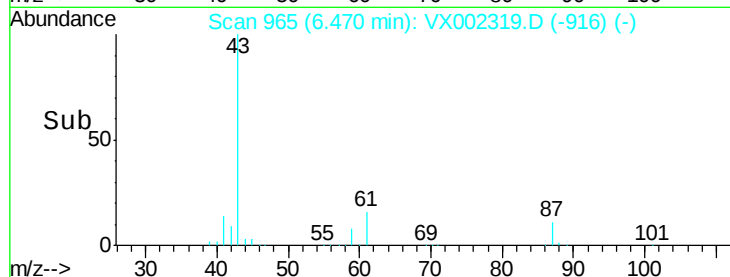
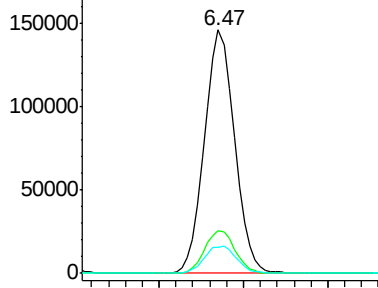
43 100

61 17.9 14.4 21.6

87 11.9 9.5 14.3



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: 50.26 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX002319.D

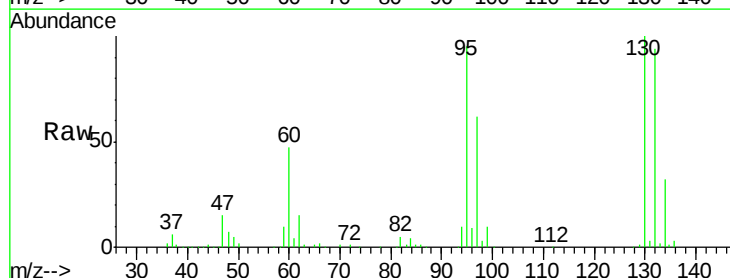
Acq: 05 Jun 2018 21:18

Tgt Ion:130 Resp: 159108

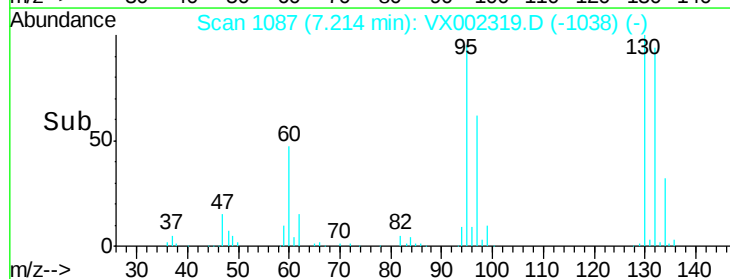
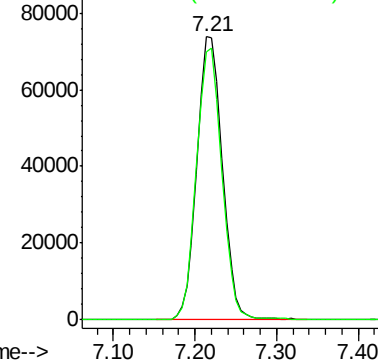
Ion Ratio Lower Upper

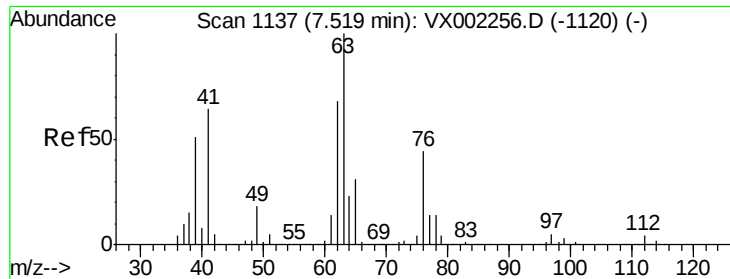
130 100

95 94.9 0.0 185.4



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





#45

1,2-Dichloropropane

Concen: 47.88 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX002319.D

Acq: 05 Jun 2018 21:18

Instrument :

MSVOA_X

ClientSampleId :

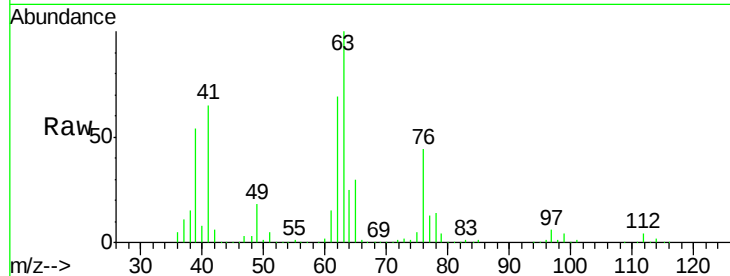
VSTDCCC050EC

Tot Ion: 63 Resp: 147430

Ion Ratio Lower Upper

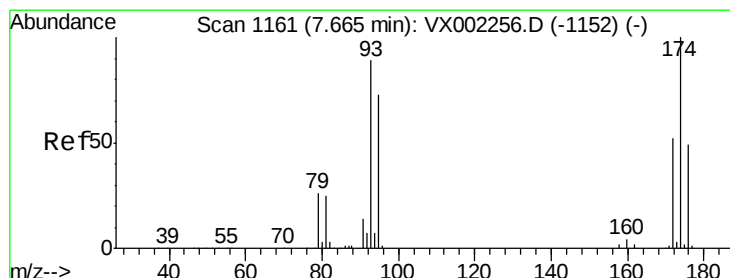
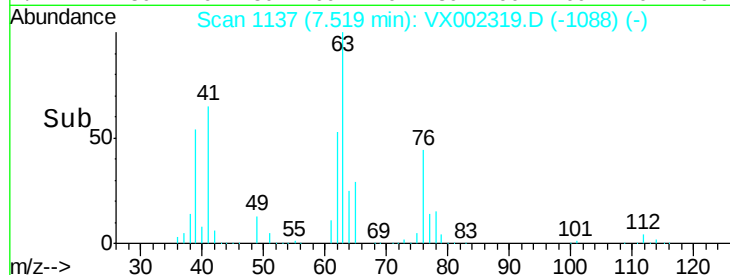
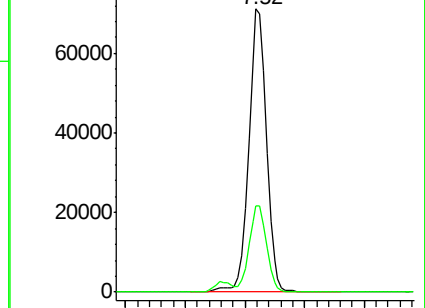
63 100

65 30.3 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 46.64 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX002319.D

Acq: 05 Jun 2018 21:18

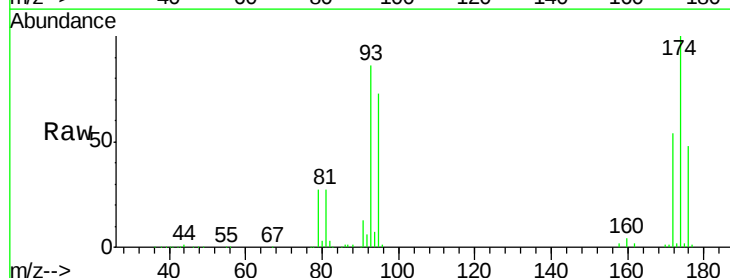
Tgt Ion: 93 Resp: 97358

Ion Ratio Lower Upper

93 100

95 84.2 65.9 98.9

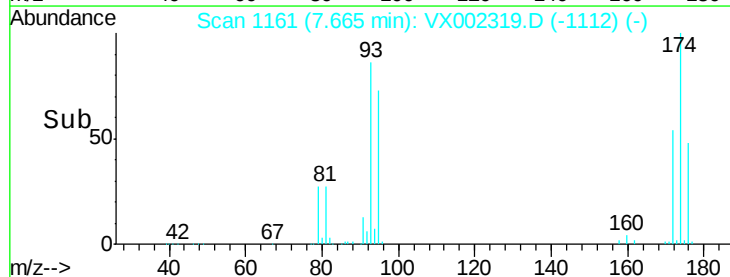
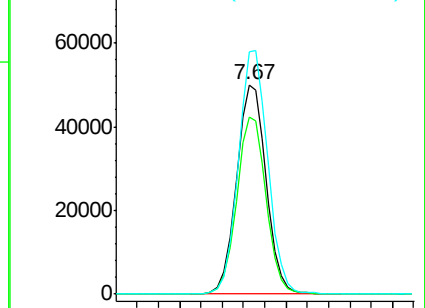
174 116.1 92.4 138.6

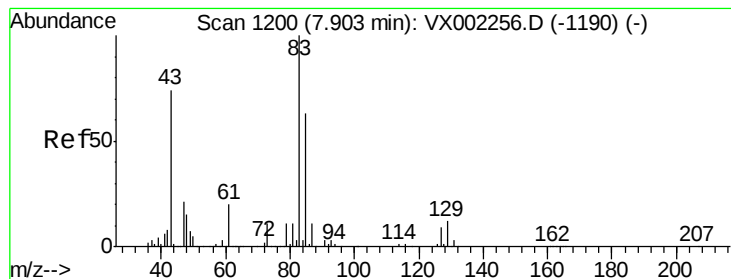


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 47.43 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX002319.D

Acq: 05 Jun 2018 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

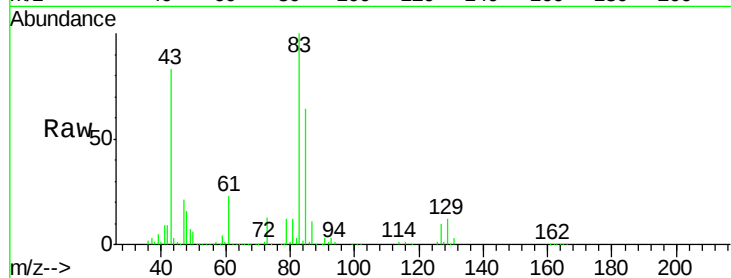
Tot Ion: 83 Resp: 179056

Ion Ratio Lower Upper

83 100

85 64.4 50.3 75.5

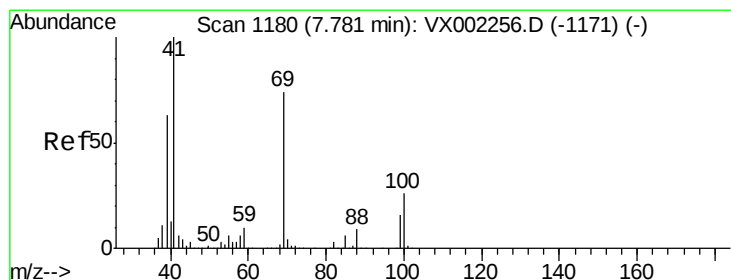
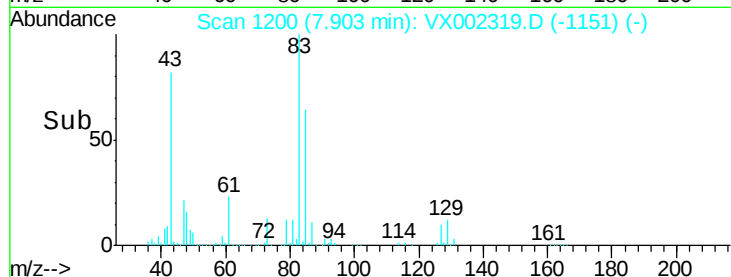
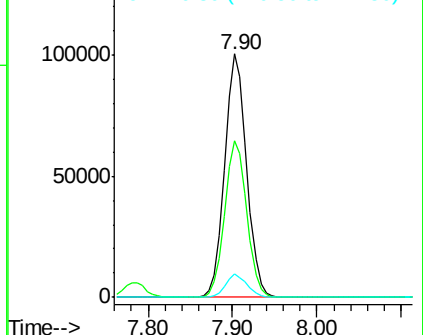
127 9.6 7.0 10.4



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: 47.64 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX002319.D

Acq: 05 Jun 2018 21:18

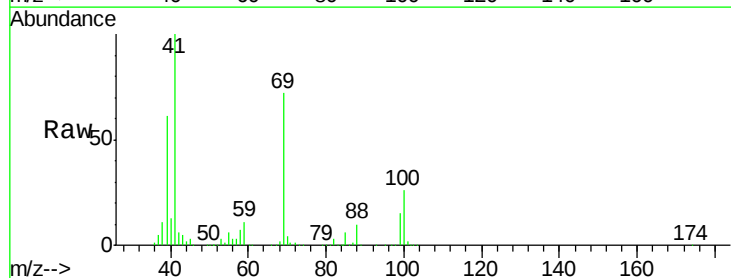
Tgt Ion: 41 Resp: 181840

Ion Ratio Lower Upper

41 100

69 74.0 59.1 88.7

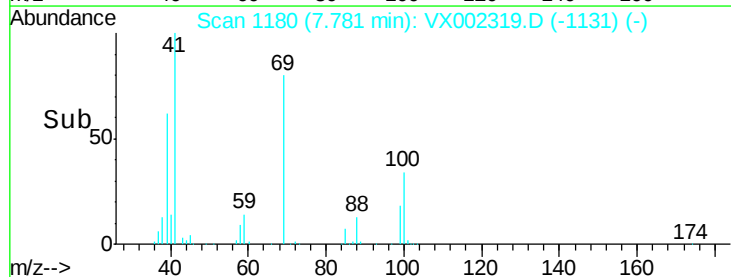
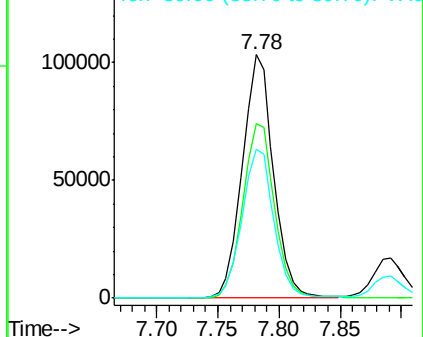
39 62.6 48.9 73.3

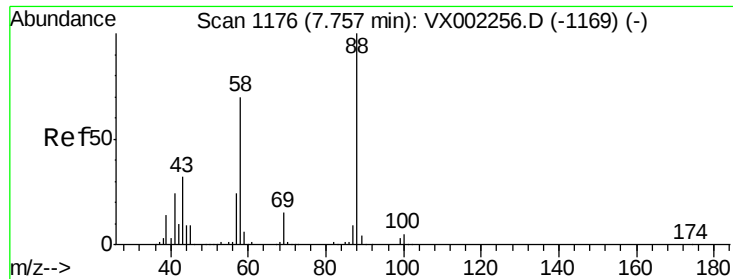


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

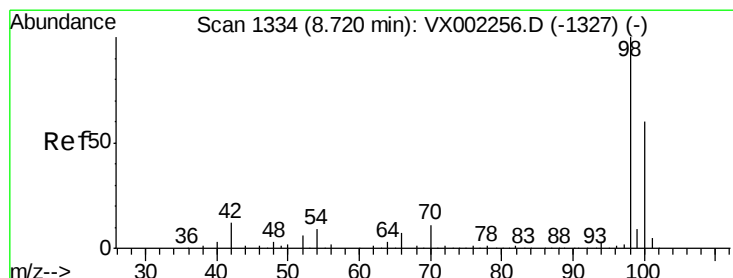
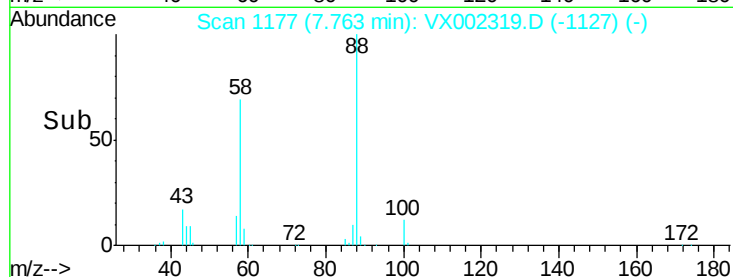
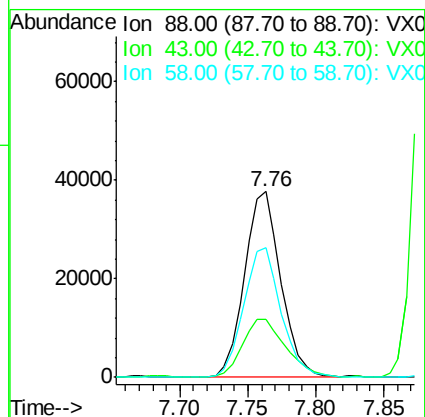
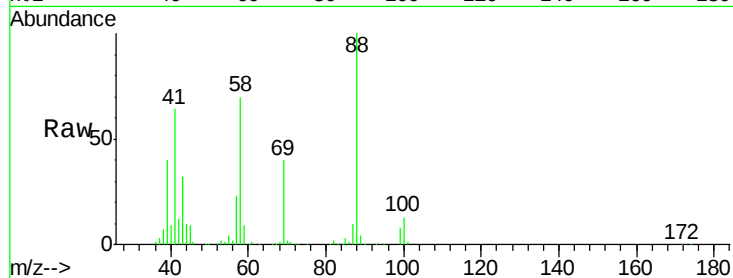




#49
1,4-Dioxane
Concen: 987.59 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX002319.D
Acq: 05 Jun 2018 21:18

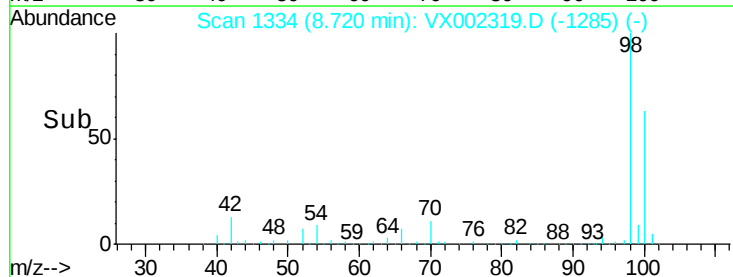
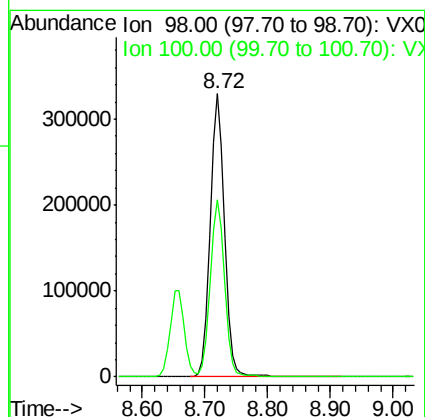
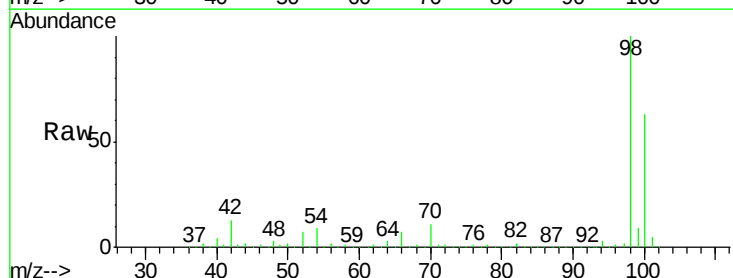
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

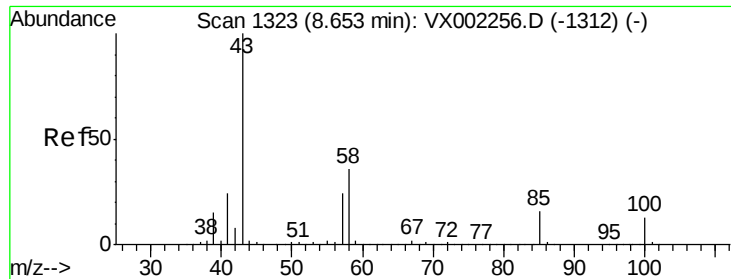
Tot Ion: 88 Resp: 70481
Ion Ratio Lower Upper
88 100
43 36.3 29.8 44.6
58 71.5 57.1 85.7



#50
Toluene-d8
Concen: 48.44 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002319.D
Acq: 05 Jun 2018 21:18

Tgt Ion: 98 Resp: 516632
Ion Ratio Lower Upper
98 100
100 63.4 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 245.47 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX002319.D

Acq: 05 Jun 2018 21:18

Instrument :

MSVOA_X

ClientSampleId :

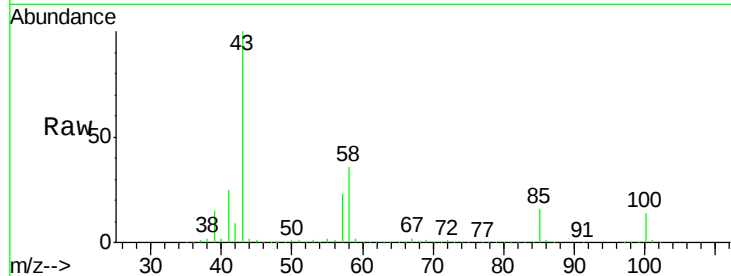
VSTDCCC050EC

Tot Ion: 43 Resp: 1161584

Ion Ratio Lower Upper

43 100

58 35.6 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

800000

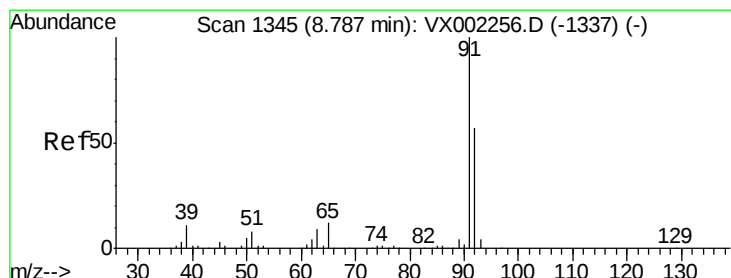
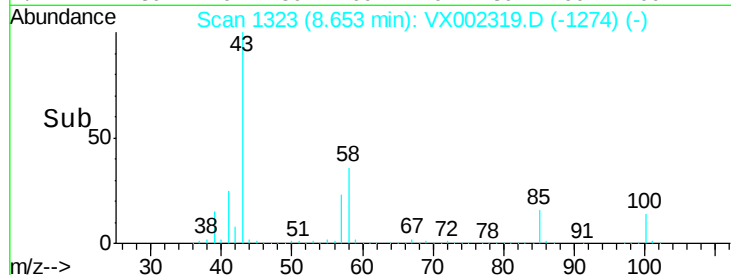
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 50.48 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX002319.D

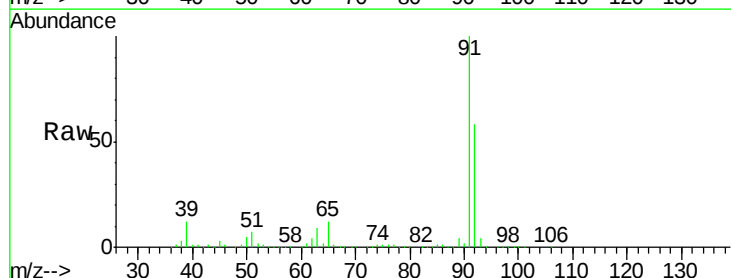
Acq: 05 Jun 2018 21:18

Tgt Ion: 92 Resp: 366227

Ion Ratio Lower Upper

92 100

91 175.2 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

400000

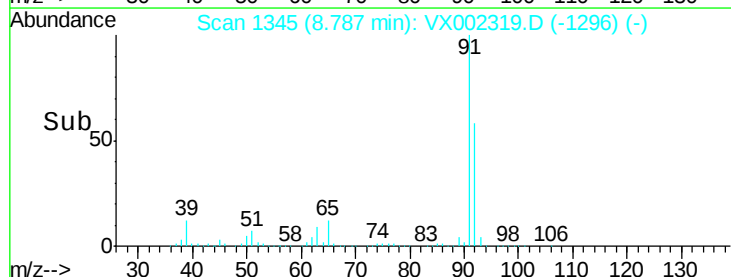
300000

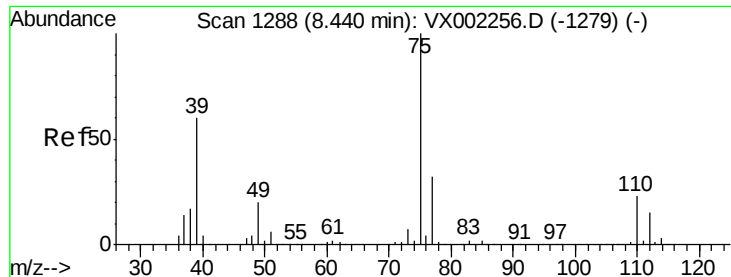
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 47.22 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX002319.D

Acq: 05 Jun 2018 21:18

Instrument :

MSVOA_X

ClientSampleId :

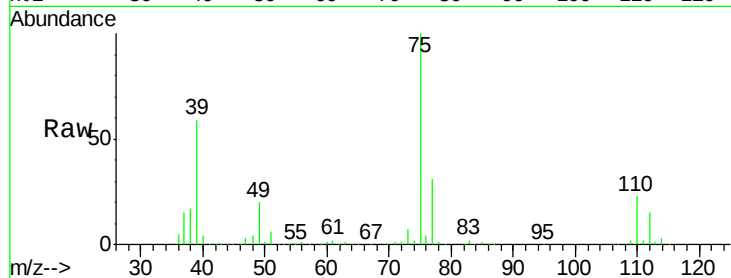
VSTDCCC050EC

Tot Ion: 75 Resp: 213794

Ion Ratio Lower Upper

75 100

77 31.5 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

8.44

150000

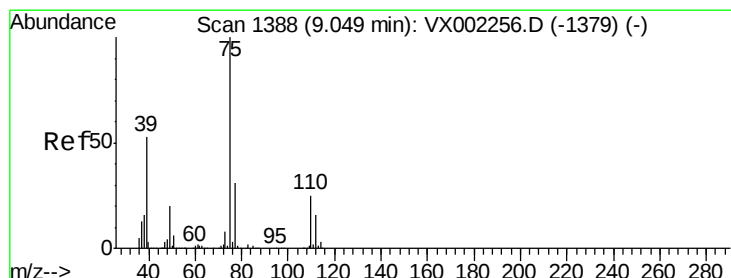
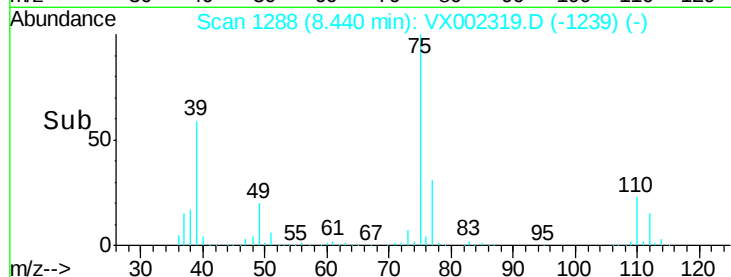
100000

50000

0

8.35 8.40 8.45 8.50 8.55

Time-->



#54

cis-1,3-Dichloropropene

Concen: 46.16 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX002319.D

Acq: 05 Jun 2018 21:18

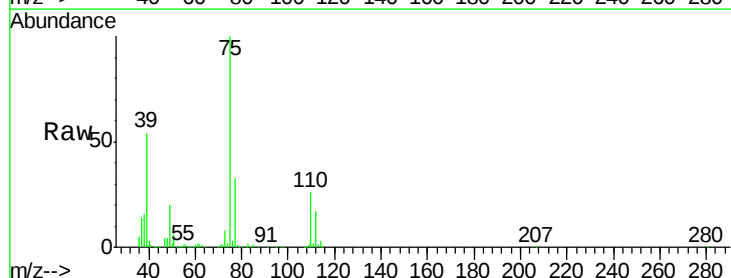
Tgt Ion: 75 Resp: 197177

Ion Ratio Lower Upper

75 100

77 32.5 24.8 37.2

39 53.4 42.4 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

9.05

150000

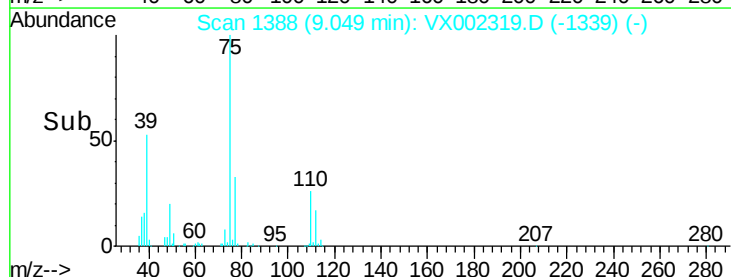
100000

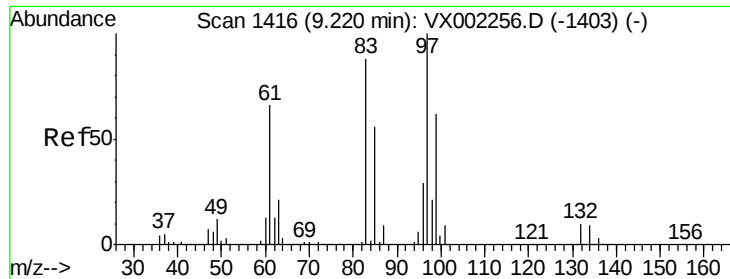
50000

0

8.95 9.00 9.05 9.10 9.15

Time-->

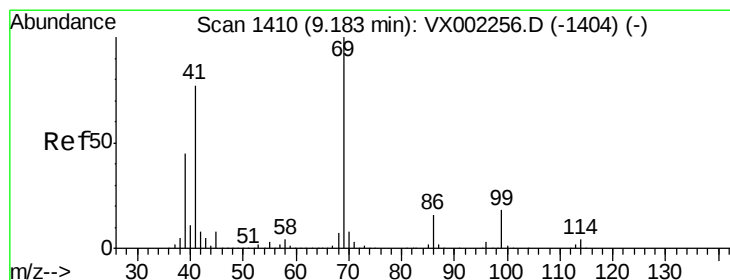
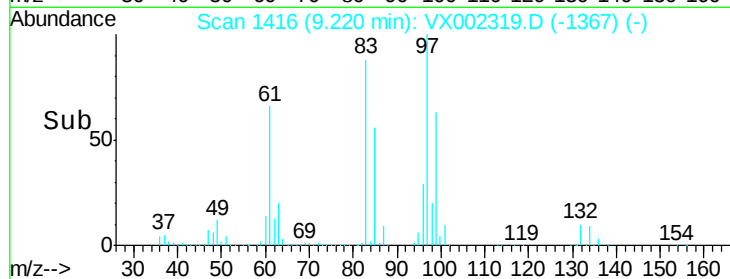
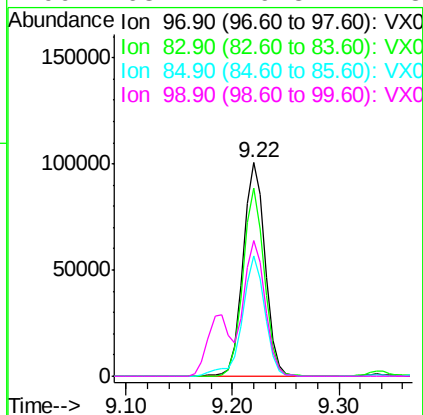
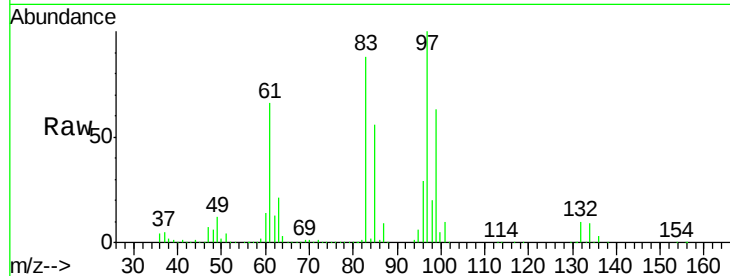




#55
 1,1,2-Trichloroethane
 Concen: 49.09 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX002319.D
 Acq: 05 Jun 2018 21:18

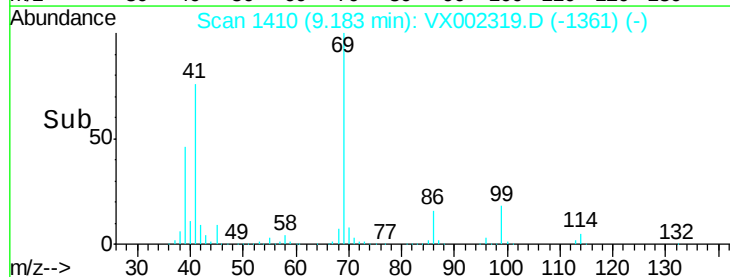
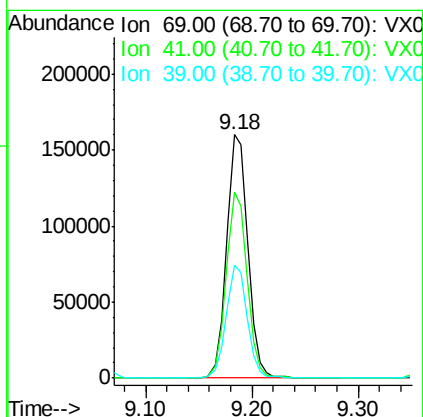
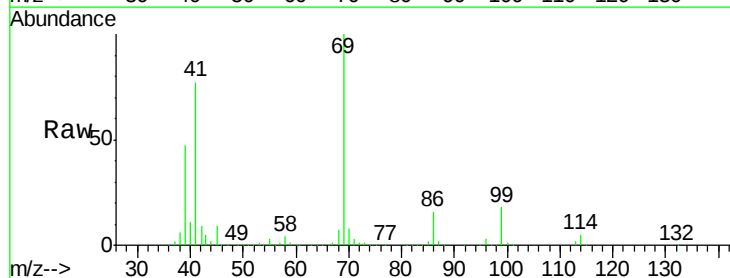
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	146483
Ion	Ratio	Lower	Upper
97	100		
83	88.0	70.2	105.2
85	56.4	44.9	67.3
99	63.2	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 47.12 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX002319.D
 Acq: 05 Jun 2018 21:18

Tgt Ion:	69	Resp:	224478
Ion	Ratio	Lower	Upper
69	100		
41	75.4	60.3	90.5
39	45.8	35.8	53.8





#57

1,3-Dichloropropane

Concen: 48.76 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX002319.D

Acq: 05 Jun 2018 21:18

Instrument :

MSVOA_X

ClientSampleId :

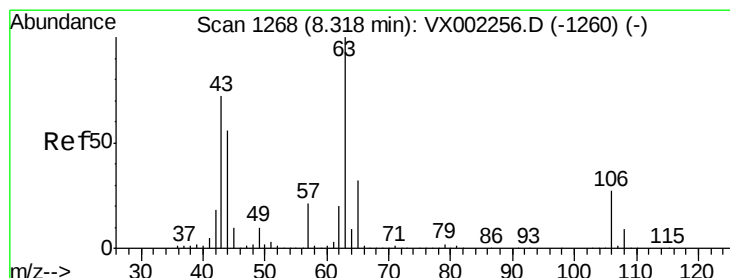
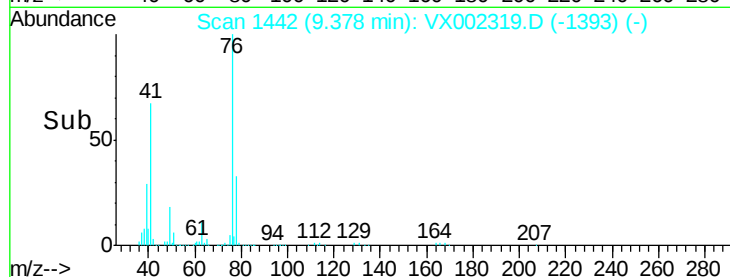
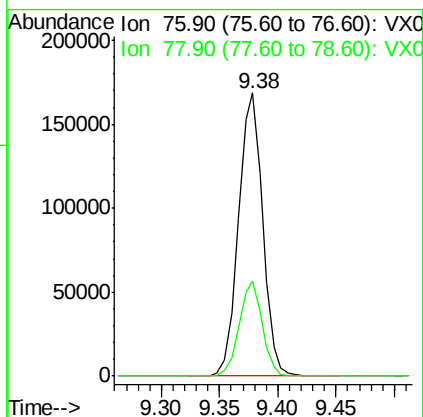
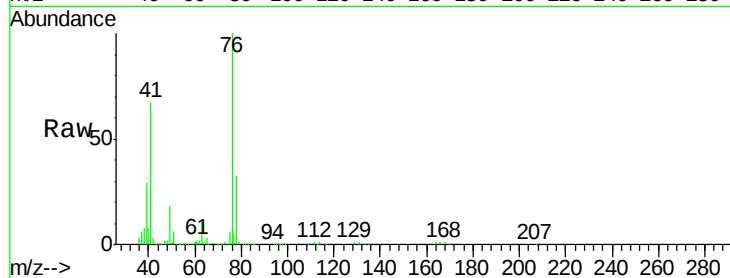
VSTDCCC050EC

Tot Ion: 76 Resp: 244074

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 246.19 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX002319.D

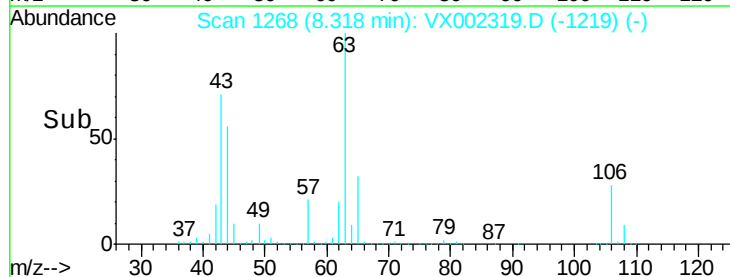
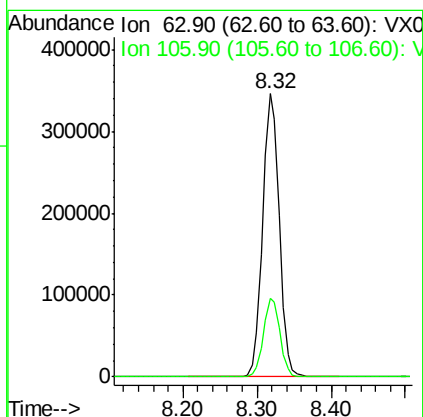
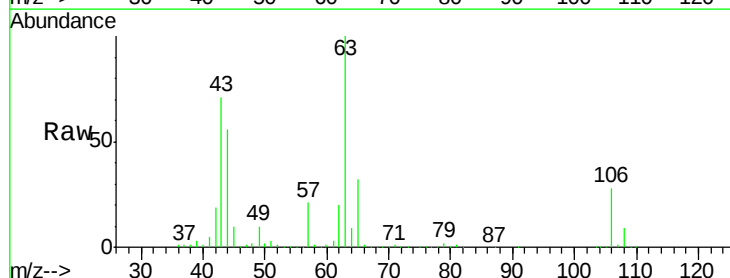
Acq: 05 Jun 2018 21:18

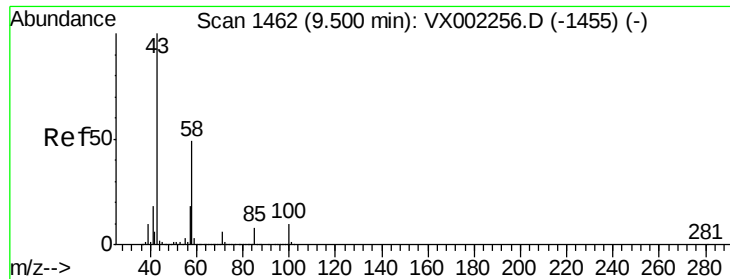
Tgt Ion: 63 Resp: 542780

Ion Ratio Lower Upper

63 100

106 27.6 21.8 32.8

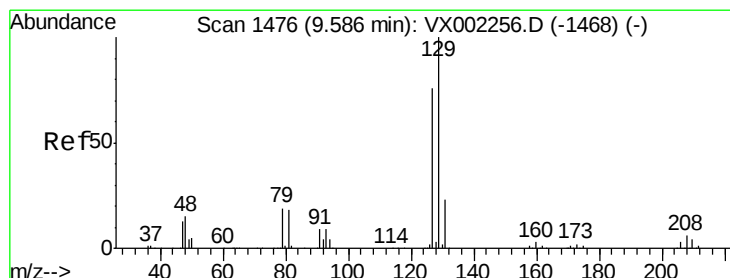
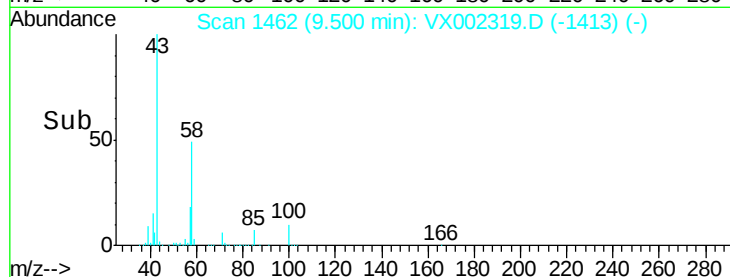
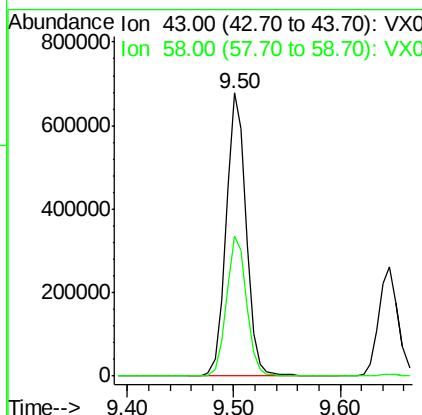
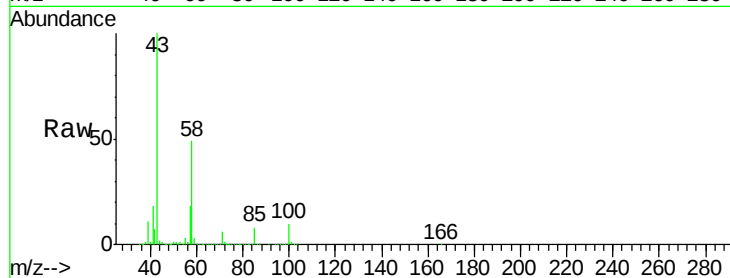




#59
2-Hexanone
Concen: 244.67 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX002319.D
Acq: 05 Jun 2018 21:18

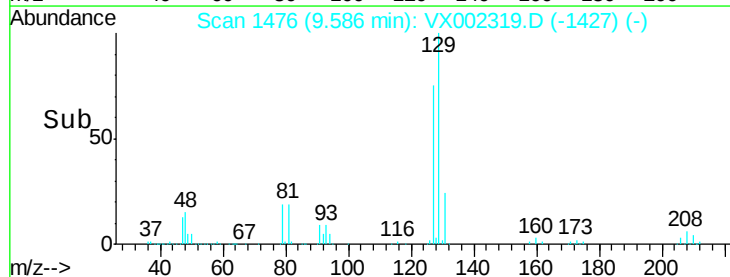
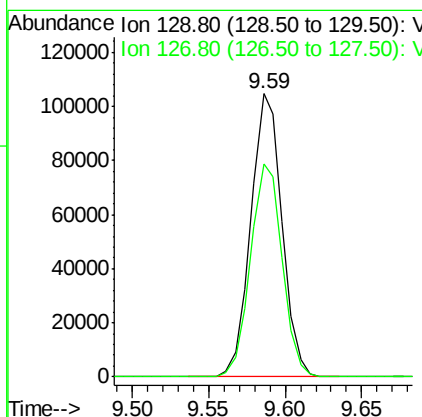
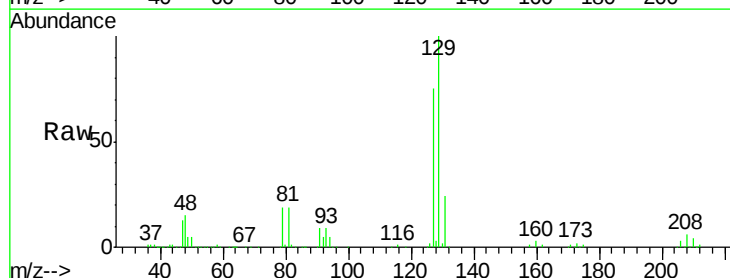
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 894269
Ion Ratio Lower Upper
43 100
58 49.7 24.6 73.6



#60
Dibromochloromethane
Concen: 49.39 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX002319.D
Acq: 05 Jun 2018 21:18

Tgt Ion: 129 Resp: 148218
Ion Ratio Lower Upper
129 100
127 76.7 38.5 115.3





#61

1,2-Dibromoethane

Concen: 49.60 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX002319.D

Acq: 05 Jun 2018 21:18

Instrument :

MSVOA_X

ClientSampleId :

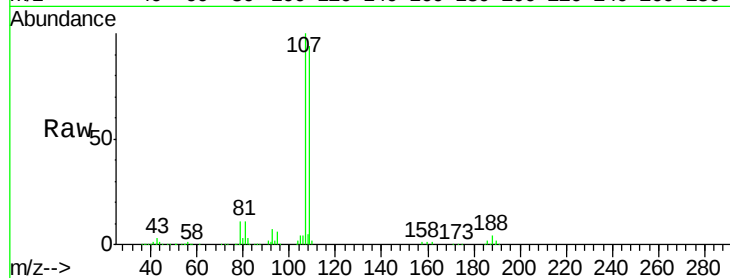
VSTDCCC050EC

Tot Ion:107 Resp: 154304

Ion Ratio Lower Upper

107 100

109 94.3 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

120000

100000

80000

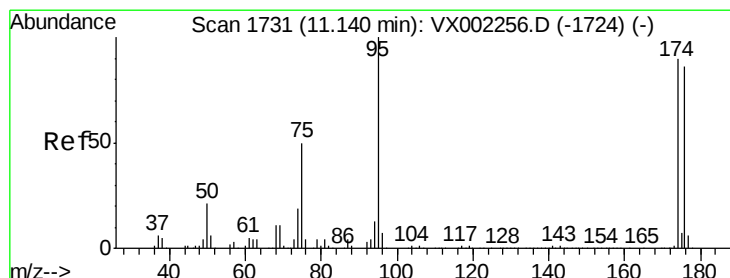
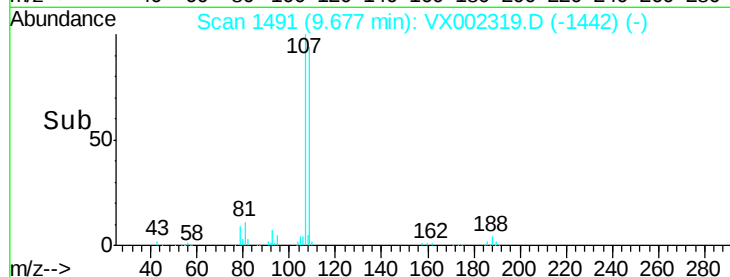
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.85 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002319.D

Acq: 05 Jun 2018 21:18

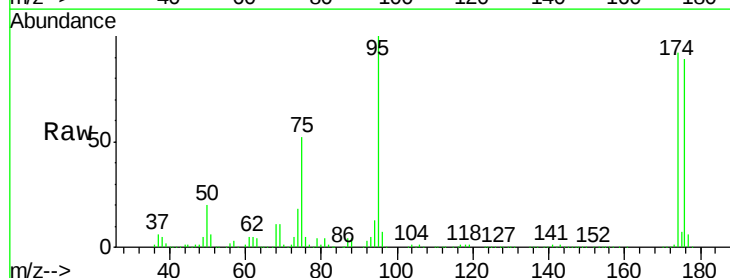
Tgt Ion: 95 Resp: 196795

Ion Ratio Lower Upper

95 100

174 95.8 0.0 187.4

176 93.2 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

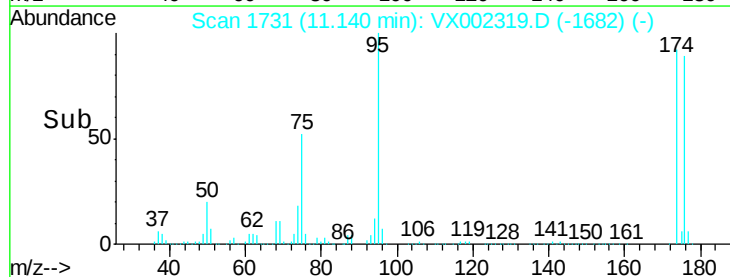
150000

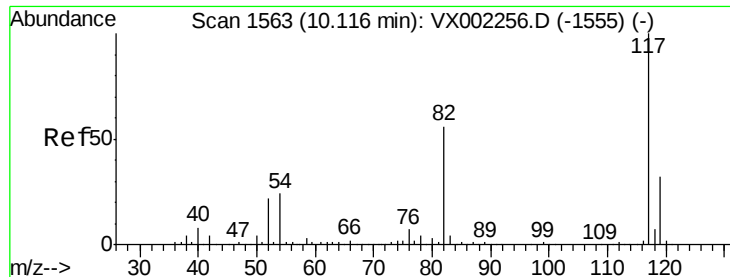
100000

50000

0

Time-->

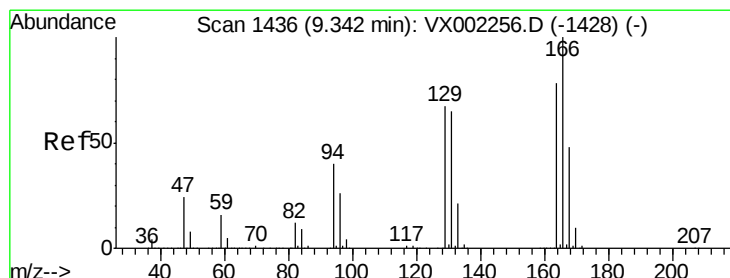
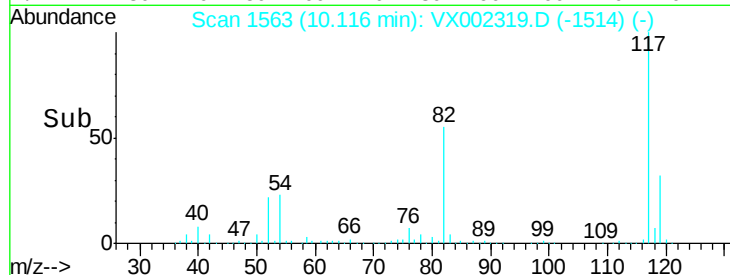
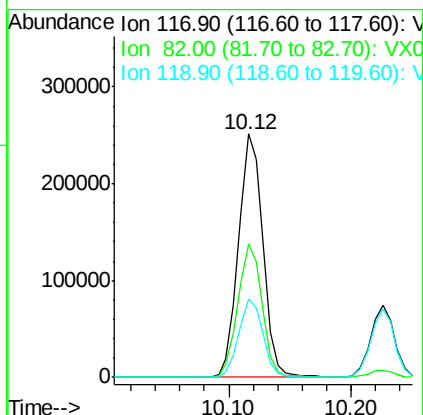
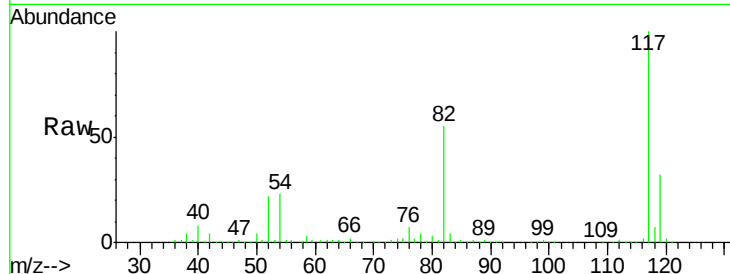




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002319.D
Acq: 05 Jun 2018 21:18

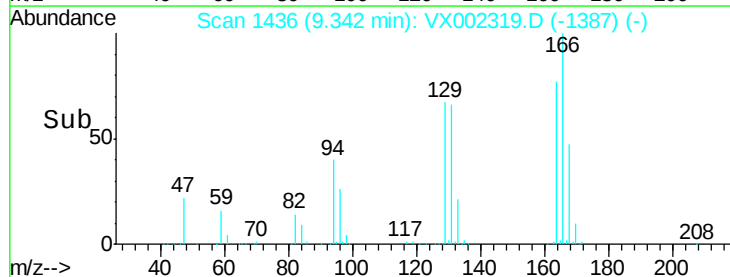
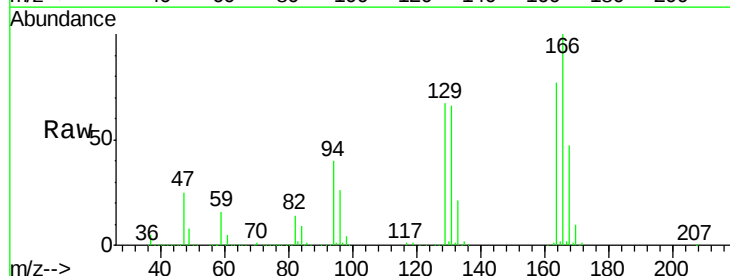
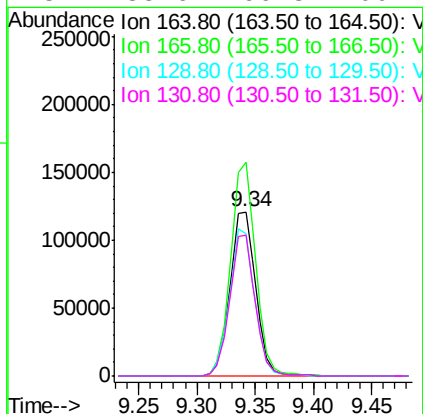
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 346741
Ion Ratio Lower Upper
117 100
82 54.6 45.0 67.4
119 32.0 25.8 38.6



#64
Tetrachloroethene
Concen: 52.14 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX002319.D
Acq: 05 Jun 2018 21:18

Tgt Ion:164 Resp: 186453
Ion Ratio Lower Upper
164 100
166 130.1 102.9 154.3
129 86.7 68.6 102.8
131 85.6 66.8 100.2

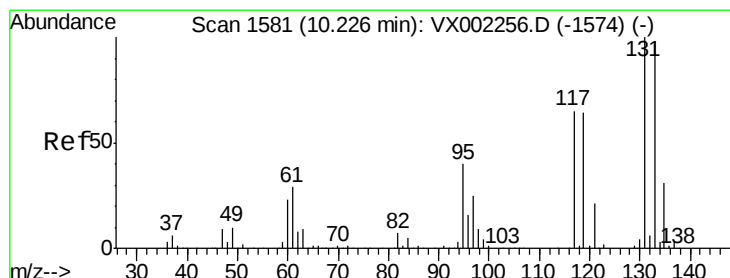
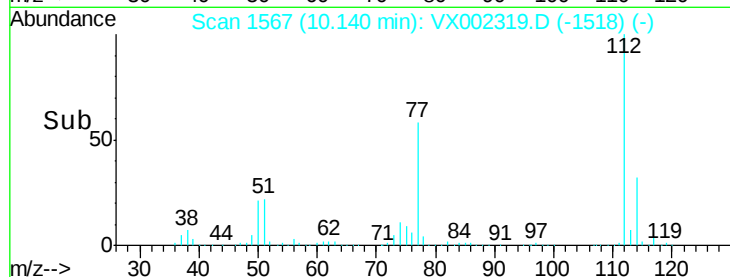
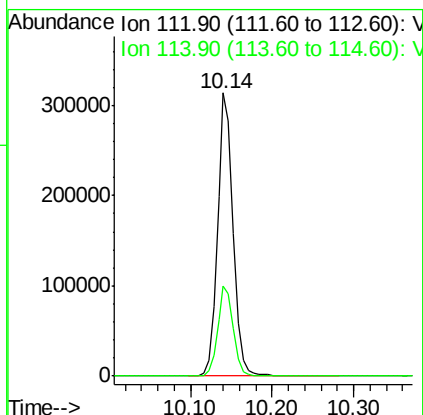
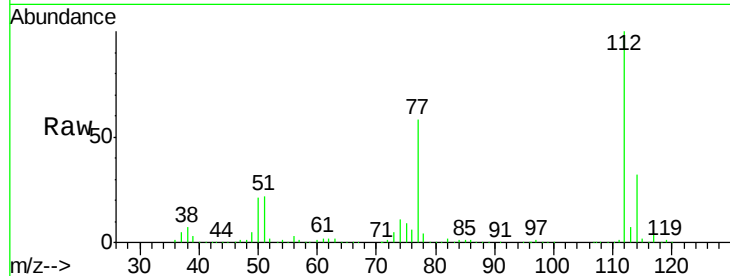




#65
Chlorobenzene
Concen: 48.62 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX002319.D
Acq: 05 Jun 2018 21:18

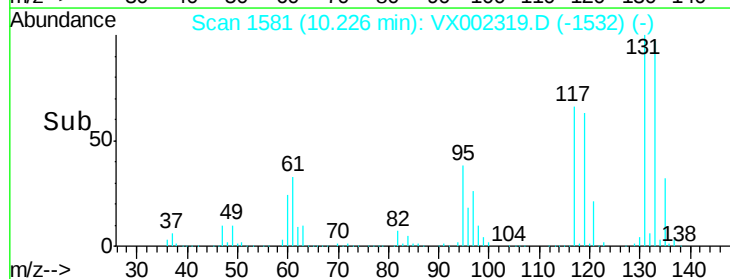
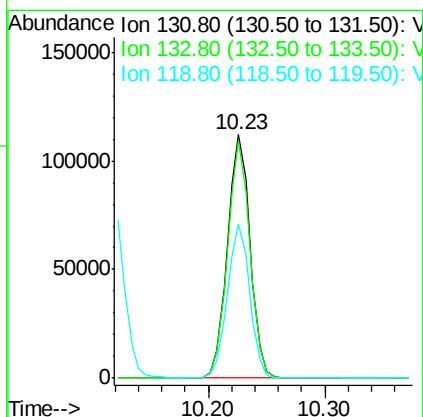
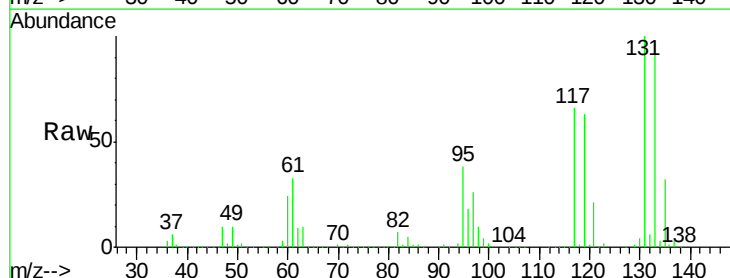
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

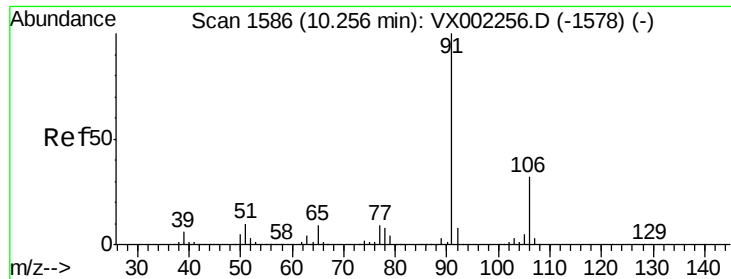
Tot Ion:112 Resp: 419511
Ion Ratio Lower Upper
112 100
114 32.0 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 48.23 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX002319.D
Acq: 05 Jun 2018 21:18

Tgt Ion:131 Resp: 150683
Ion Ratio Lower Upper
131 100
133 96.0 47.9 143.6
119 63.1 31.8 95.3

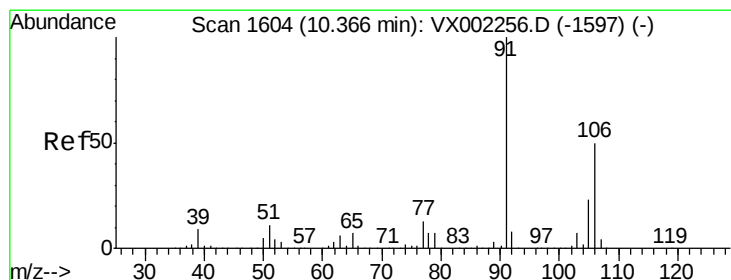
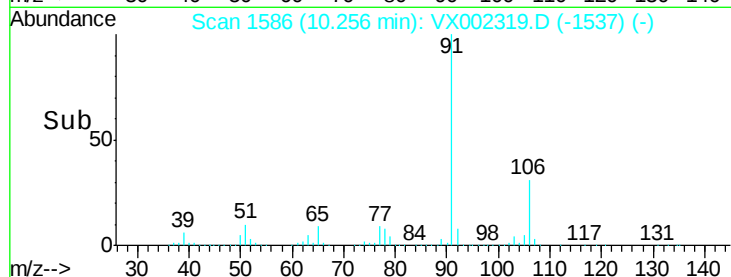
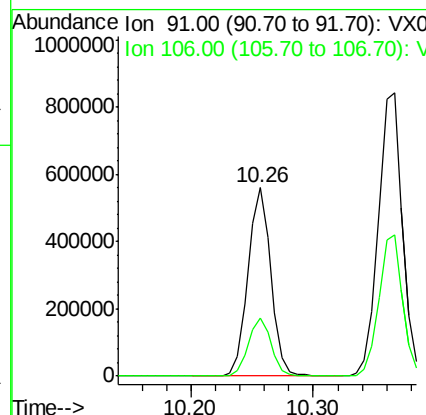
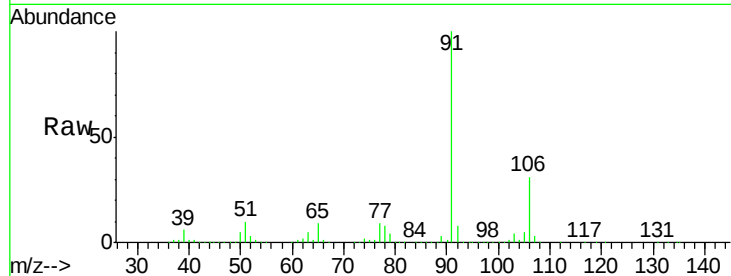




#67
Ethyl Benzene
Concen: 50.38 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX002319.D
Acq: 05 Jun 2018 21:18

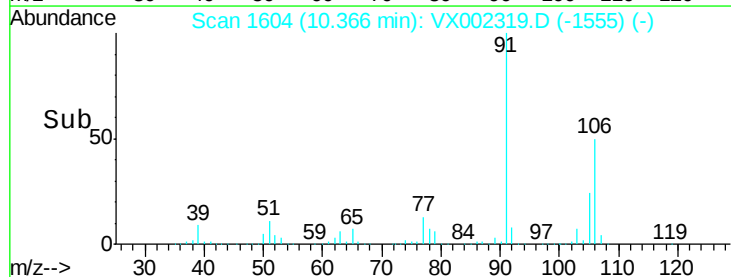
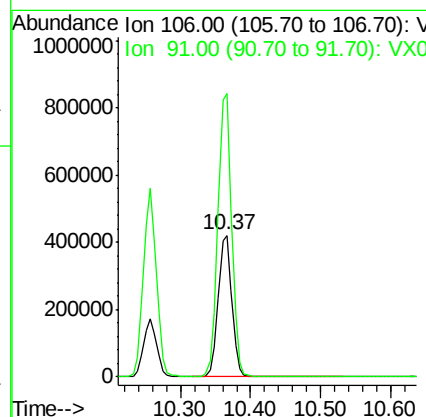
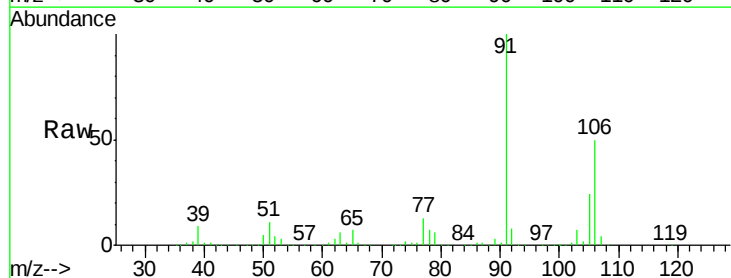
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

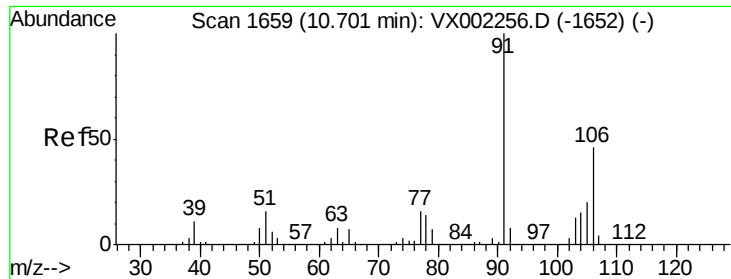
Tot Ion: 91 Resp: 727455
Ion Ratio Lower Upper
91 100
106 31.2 25.5 38.3



#68
m/p-Xylenes
Concen: 101.76 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX002319.D
Acq: 05 Jun 2018 21:18

Tgt Ion: 106 Resp: 571129
Ion Ratio Lower Upper
106 100
91 203.2 163.4 245.2

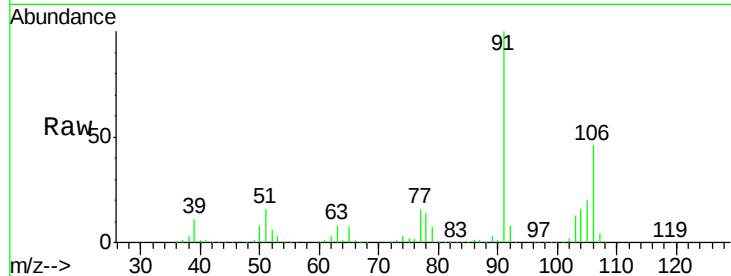




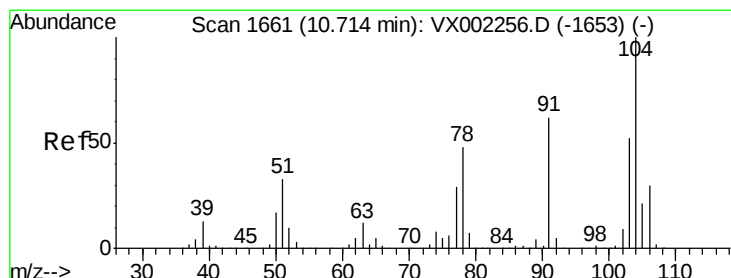
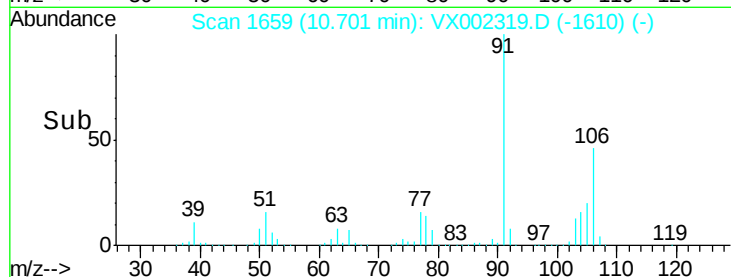
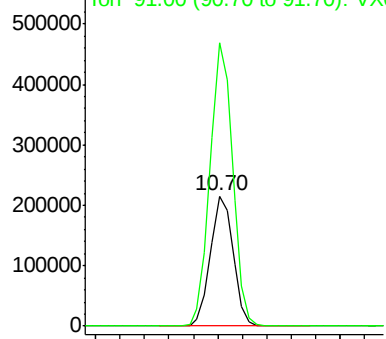
#69
o-Xylene
Concen: 49.61 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX002319.D
Acq: 05 Jun 2018 21:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 277095
Ion Ratio Lower Upper
106 100
91 216.7 108.2 324.6

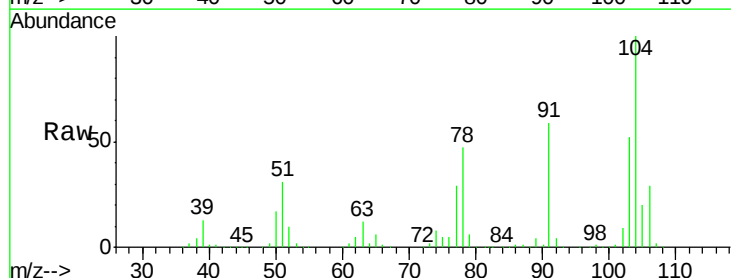


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

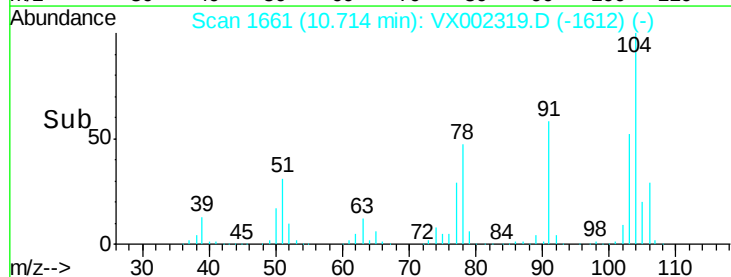
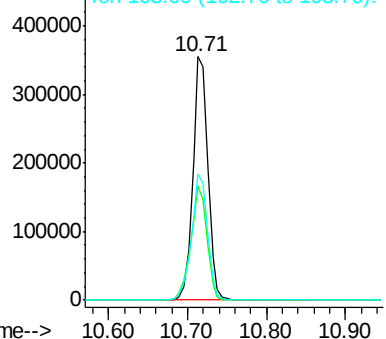


#70
Styrene
Concen: 51.20 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX002319.D
Acq: 05 Jun 2018 21:18

Tgt Ion:104 Resp: 467488
Ion Ratio Lower Upper
104 100
78 50.7 41.0 61.6
103 55.6 44.2 66.4



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





#71

Bromoform

Concen: 41.11 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002319.D

Acq: 05 Jun 2018 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

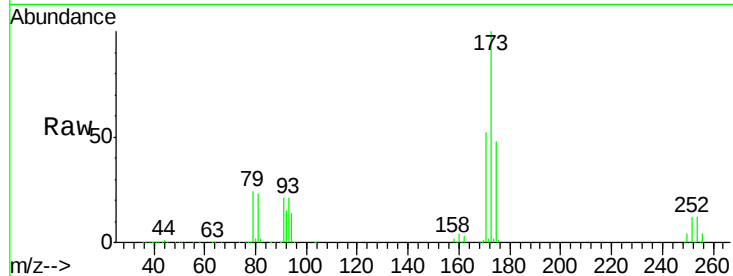
Tot Ion:173 Resp: 113170

Ion Ratio Lower Upper

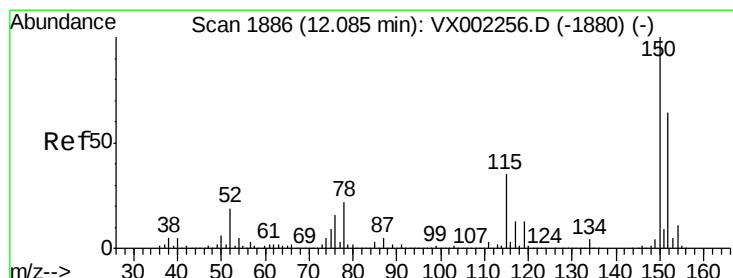
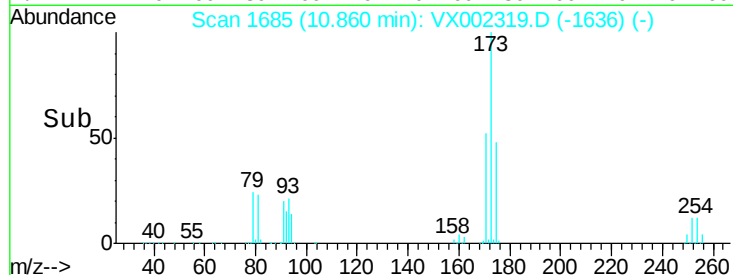
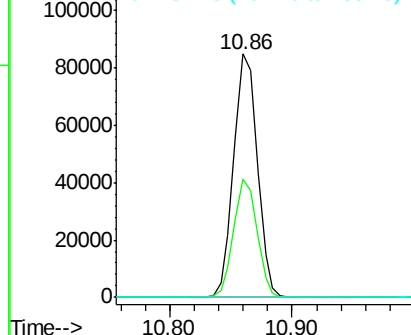
173 100

175 48.3 24.7 74.1

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: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX002319.D

Acq: 05 Jun 2018 21:18

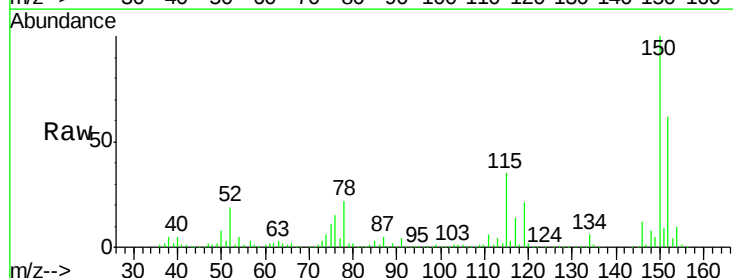
Tgt Ion:152 Resp: 225322

Ion Ratio Lower Upper

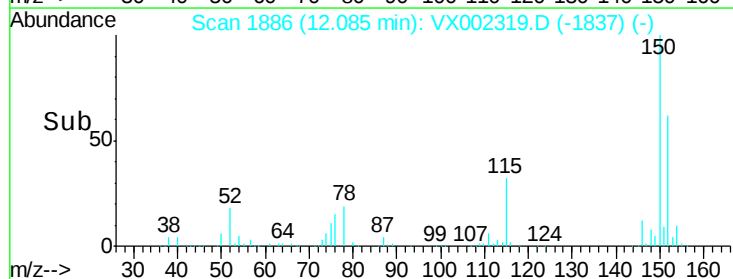
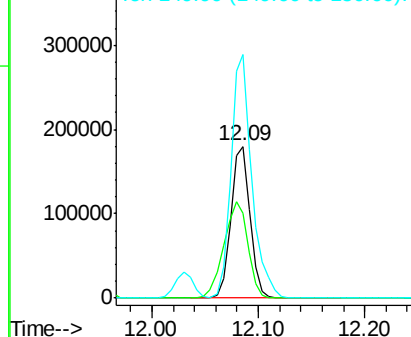
152 100

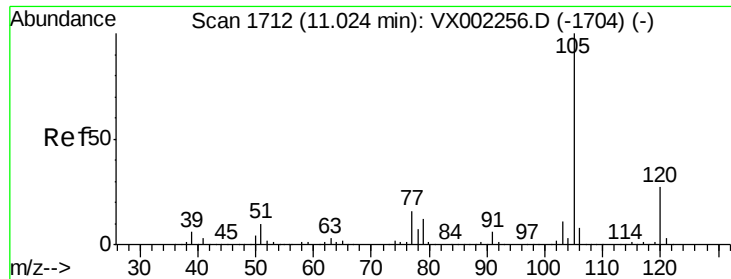
115 79.3 40.1 120.2

150 174.5 0.0 347.2



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: 48.24 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX002319.D

Acq: 05 Jun 2018 21:18

Instrument :

MSVOA_X

ClientSampleId :

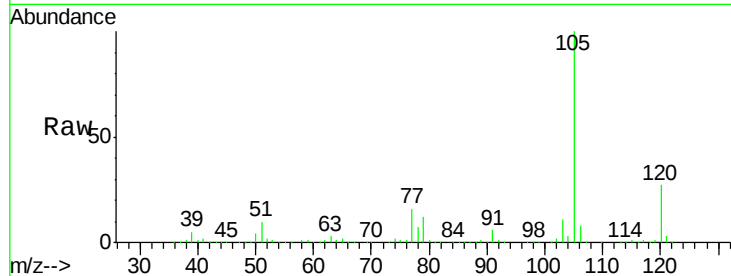
VSTDCCC050EC

Tot Ion:105 Resp: 756132

Ion Ratio Lower Upper

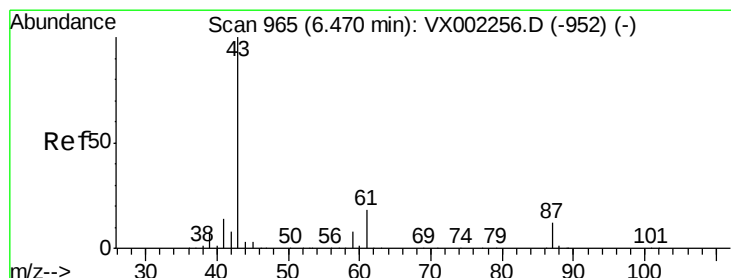
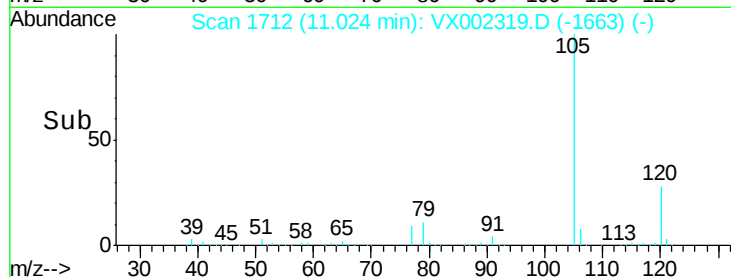
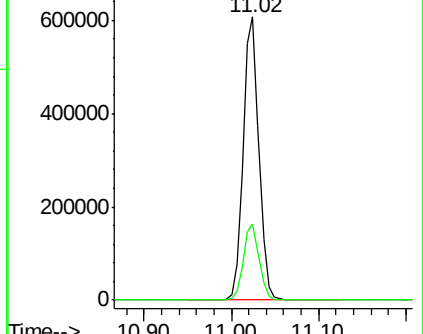
105 100

120 27.0 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 41.77 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX002319.D

Acq: 05 Jun 2018 21:18

Tgt Ion: 43 Resp: 352799

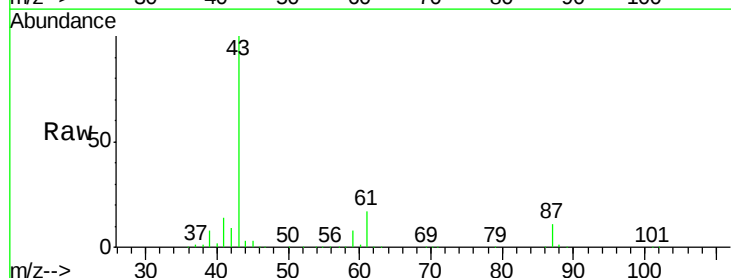
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0#

55 0.1 0.0 0.0#

61 17.9 14.4 21.6

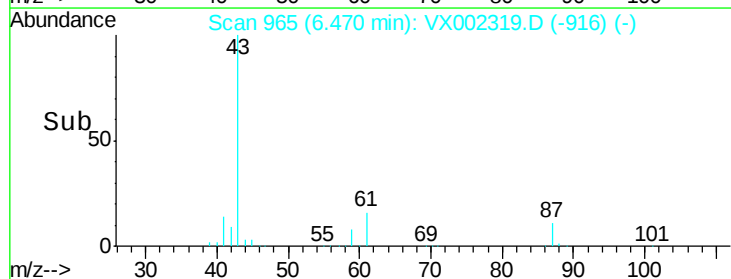
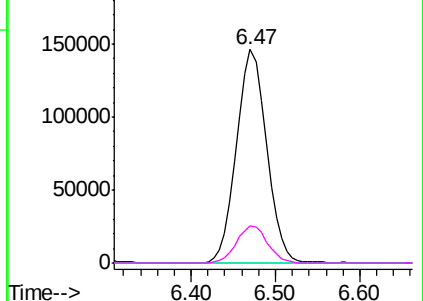


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 43.73 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002319.D

Acq: 05 Jun 2018 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

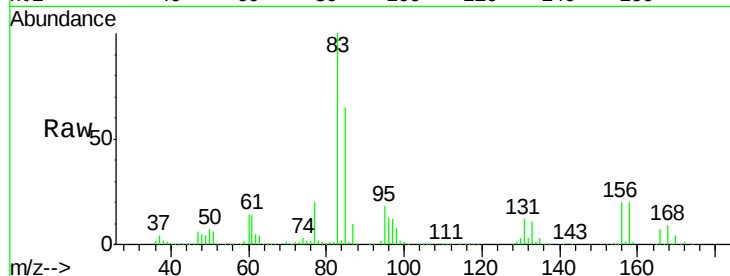
Tot Ion: 83 Resp: 215571

Ion Ratio Lower Upper

83 100

131 11.3 5.6 16.8

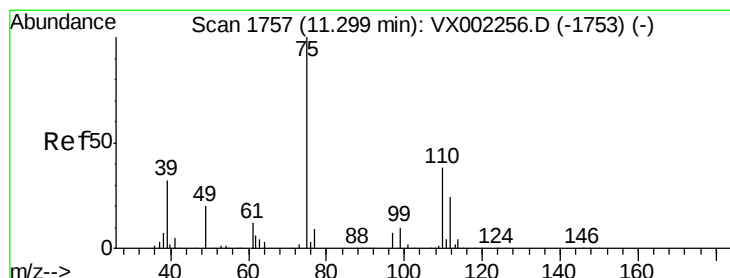
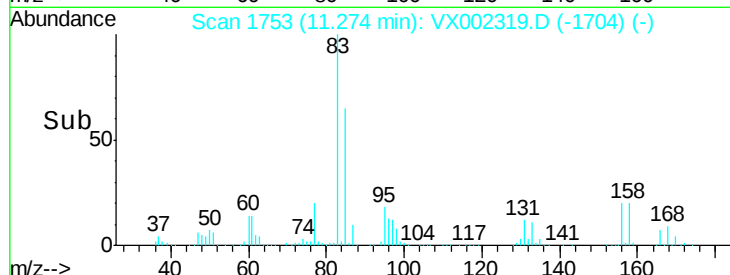
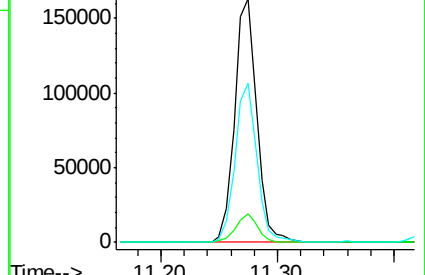
85 64.6 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 51.34 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX002319.D

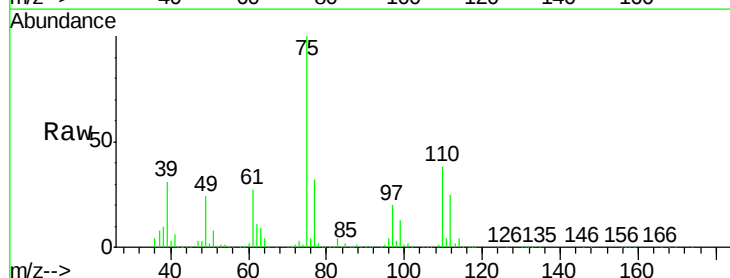
Acq: 05 Jun 2018 21:18

Tgt Ion: 75 Resp: 253854

Ion Ratio Lower Upper

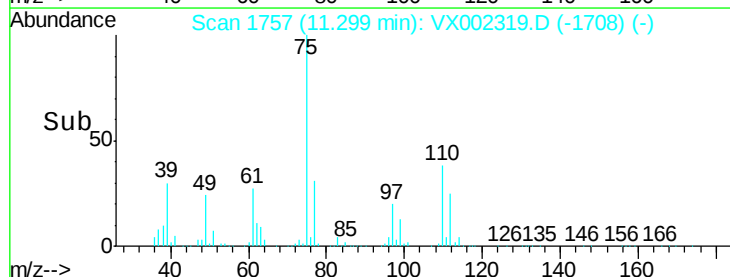
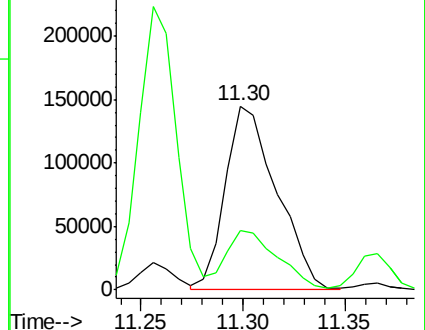
75 100

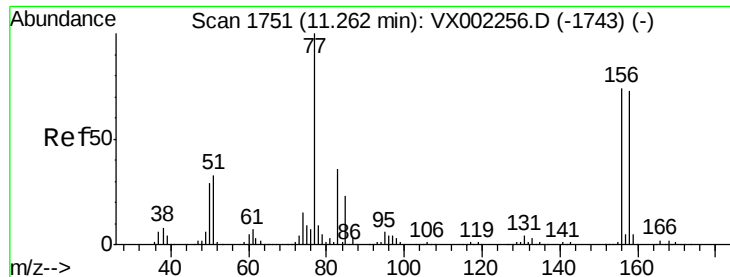
77 32.6 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 46.08 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX002319.D

Acq: 05 Jun 2018 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

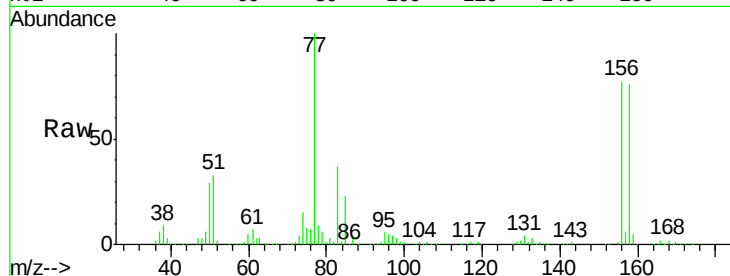
Tot Ion:156 Resp: 202777

Ion Ratio Lower Upper

156 100

77 140.6 71.4 214.2

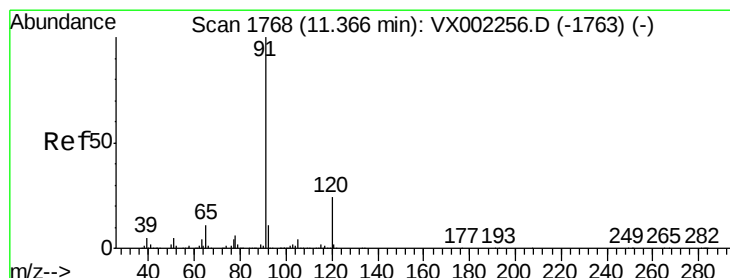
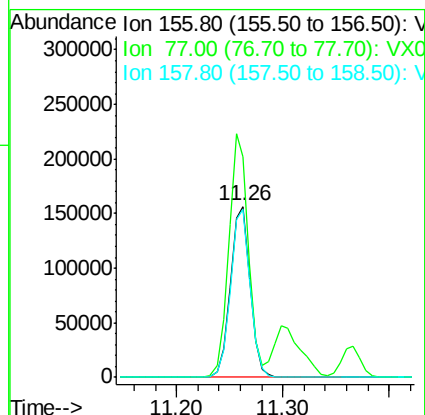
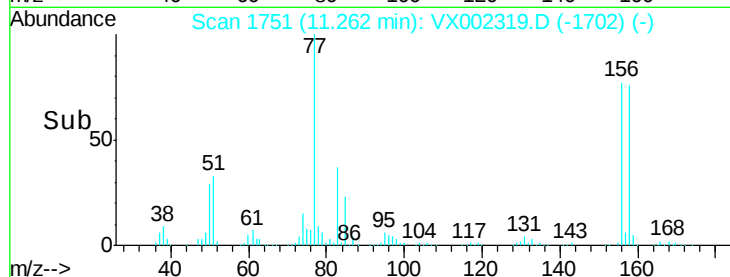
158 97.8 48.9 146.6



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: 49.62 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX002319.D

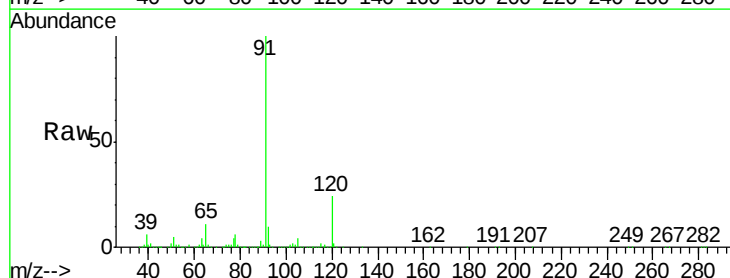
Acq: 05 Jun 2018 21:18

Tgt Ion: 91 Resp: 864423

Ion Ratio Lower Upper

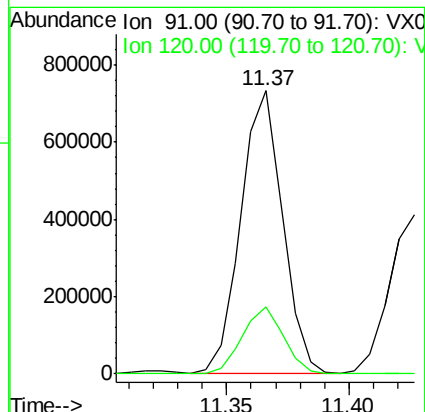
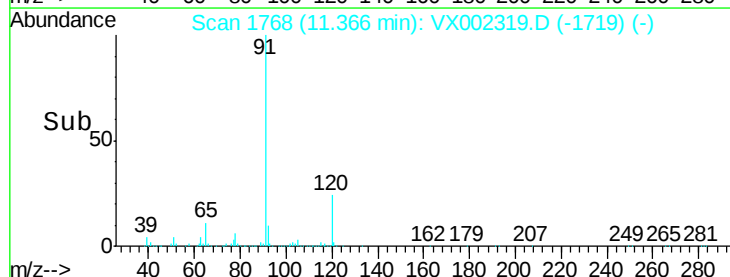
91 100

120 23.8 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.26 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX002319.D

Acq: 05 Jun 2018 21:18

Instrument :

MSVOA_X

ClientSampleId :

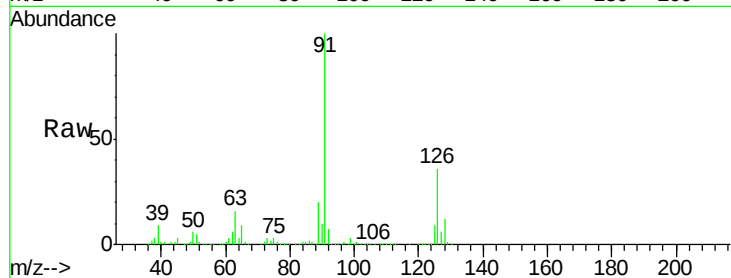
VSTDCCC050EC

Tot Ion: 91 Resp: 508939

Ion Ratio Lower Upper

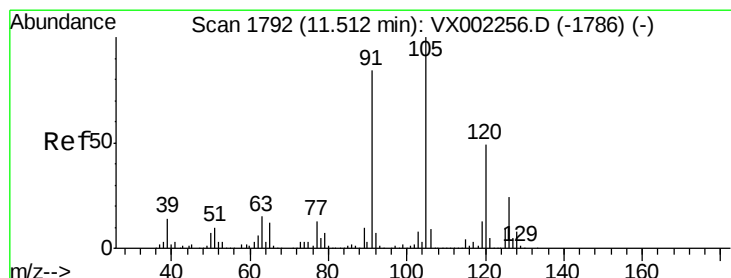
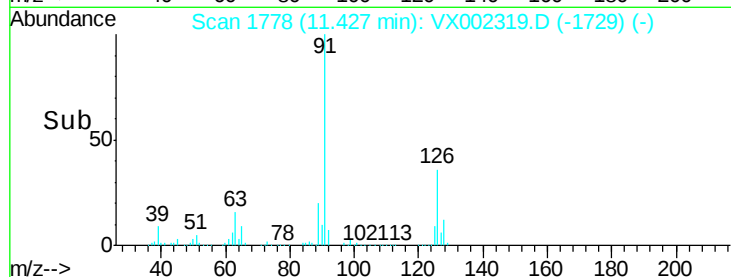
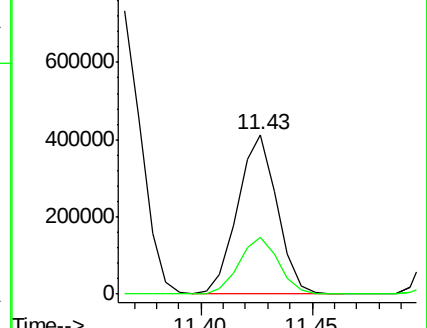
91 100

126 35.9 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 48.60 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002319.D

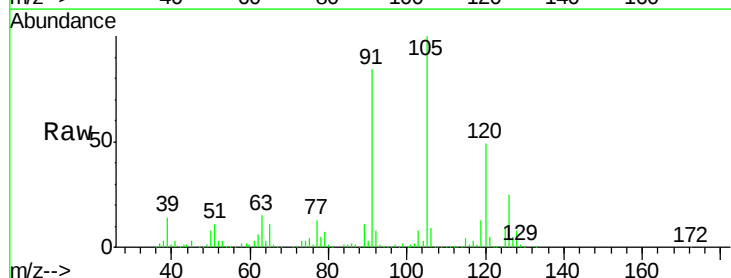
Acq: 05 Jun 2018 21:18

Tgt Ion: 105 Resp: 653443

Ion Ratio Lower Upper

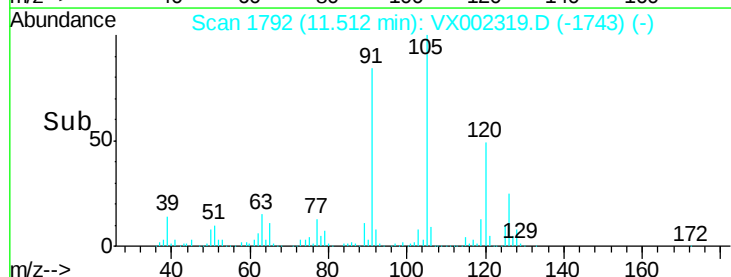
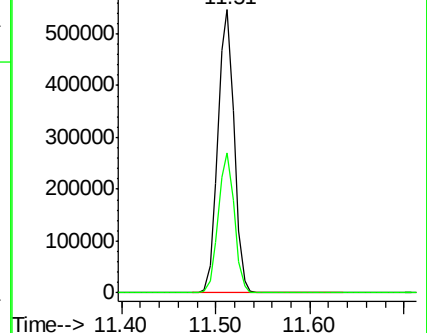
105 100

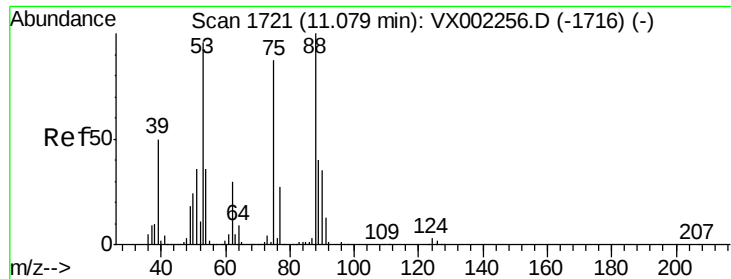
120 48.7 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

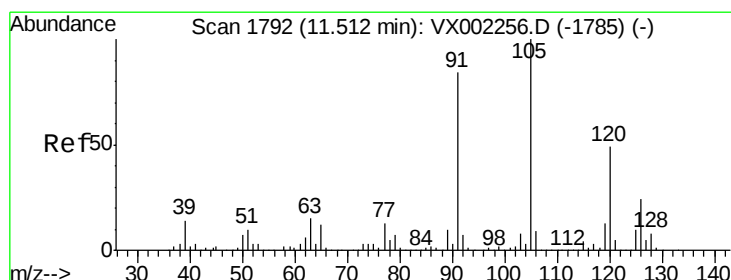
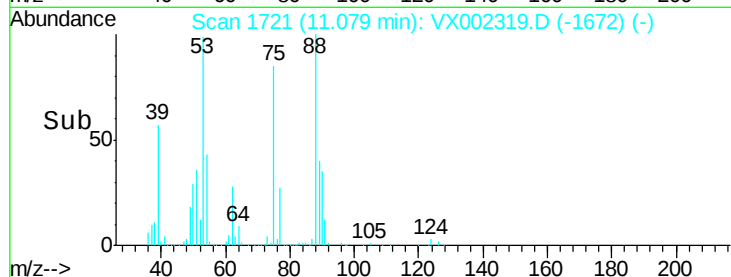
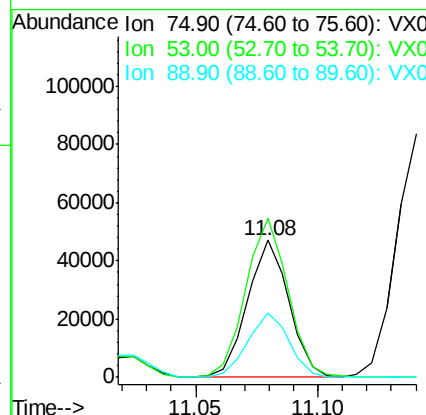
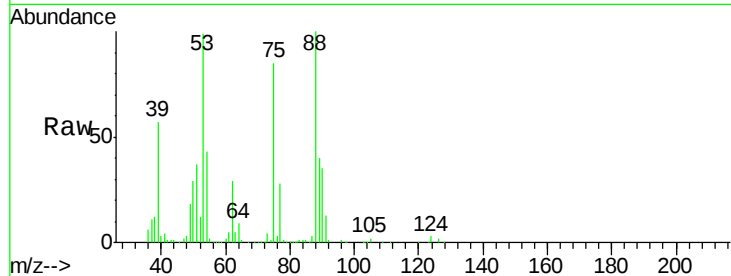




#81
trans-1,4-Dichloro-2-butene
Concen: 38.98 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX002319.D
Acq: 05 Jun 2018 21:18

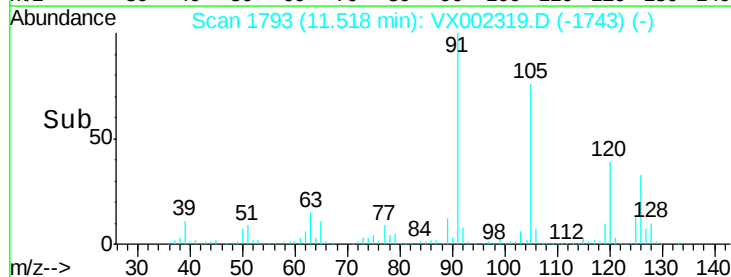
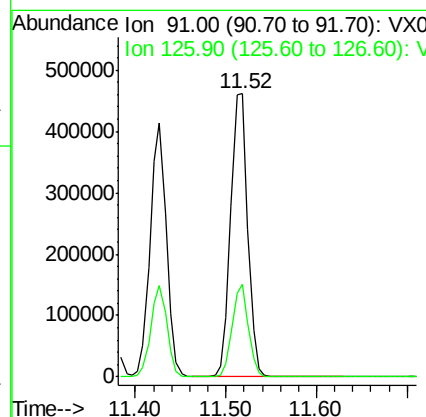
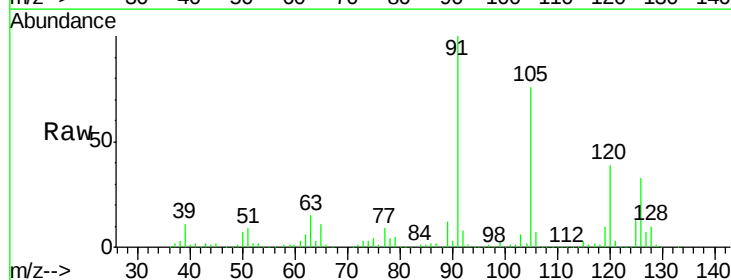
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 54973
Ion Ratio Lower Upper
75 100
53 119.0 86.8 130.2
89 47.5 38.2 57.2



#82
4-Chlorotoluene
Concen: 47.72 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.01 min
Lab File: VX002319.D
Acq: 05 Jun 2018 21:18

Tgt Ion: 91 Resp: 605962
Ion Ratio Lower Upper
91 100
126 30.9 15.4 46.4

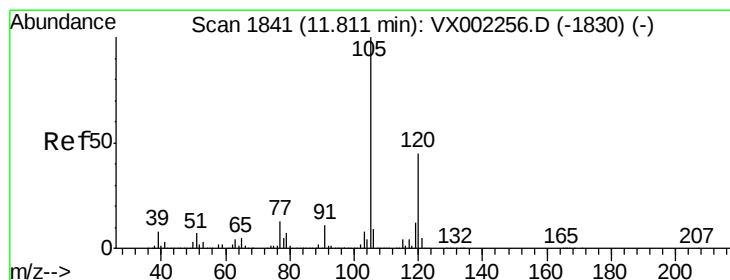
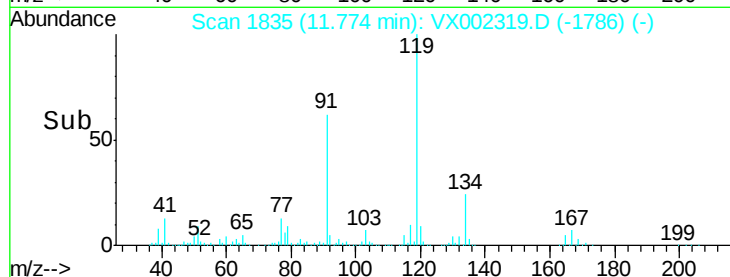
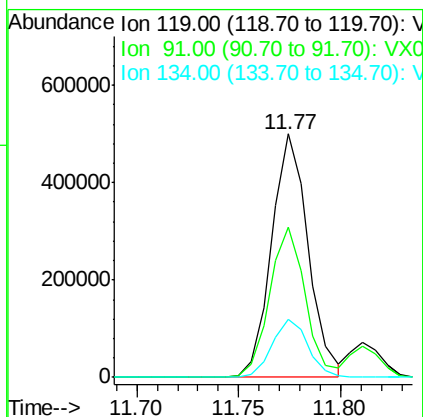
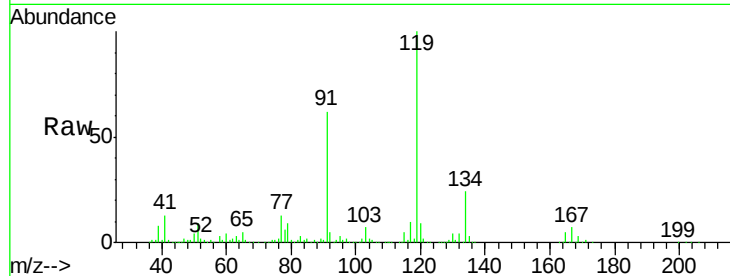




#83
tert-Butylbenzene
Concen: 47.84 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX002319.D
Acq: 05 Jun 2018 21:18

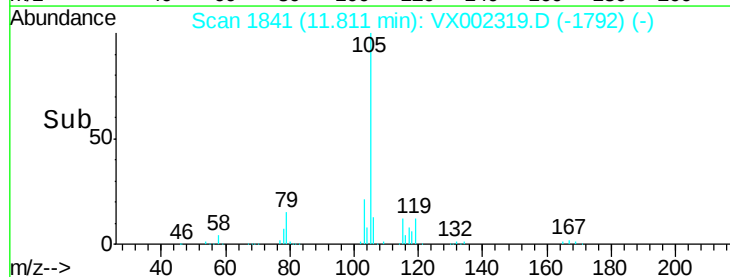
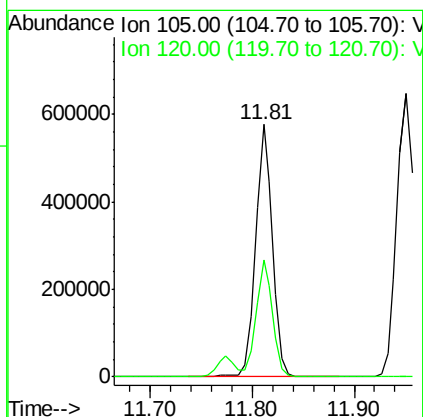
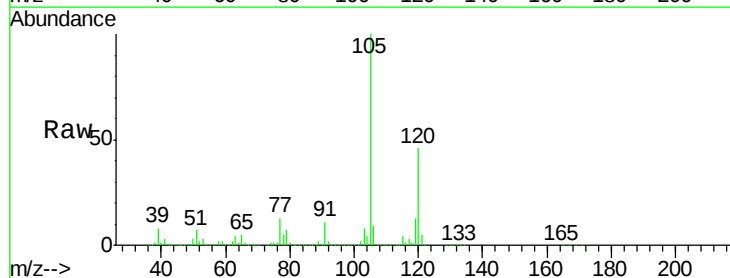
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

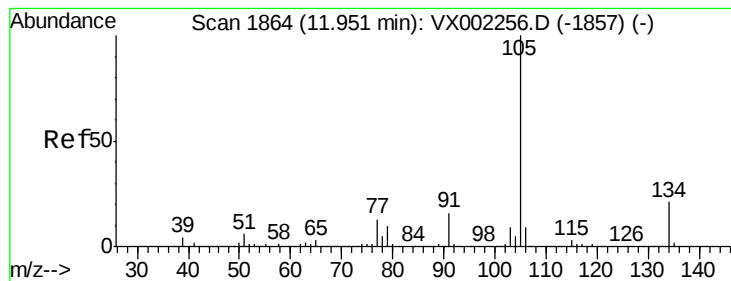
Tot Ion:119 Resp: 626307
Ion Ratio Lower Upper
119 100
91 60.4 30.3 90.9
134 23.6 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 48.46 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX002319.D
Acq: 05 Jun 2018 21:18

Tgt Ion:105 Resp: 670697
Ion Ratio Lower Upper
105 100
120 45.4 22.3 66.8





#85

sec-Butylbenzene

Concen: 50.97 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX002319.D

Acq: 05 Jun 2018 21:18

Instrument :

MSVOA_X

ClientSampleId :

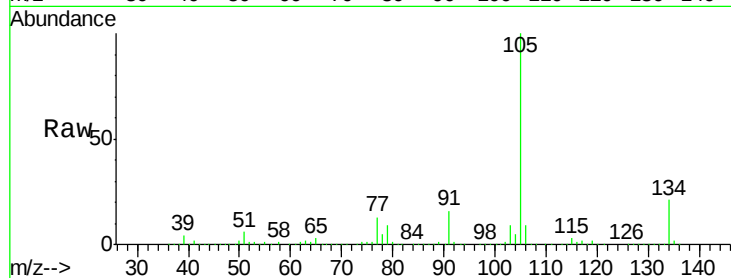
VSTDCCC050EC

Tot Ion:105 Resp: 782257

Ion Ratio Lower Upper

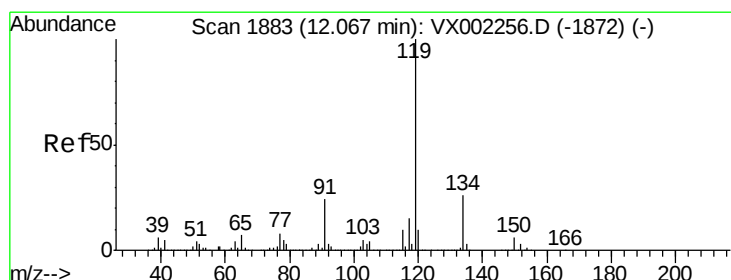
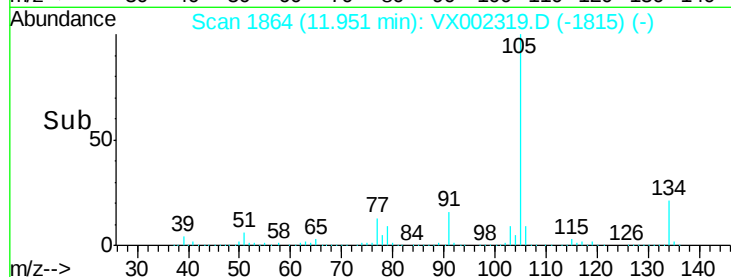
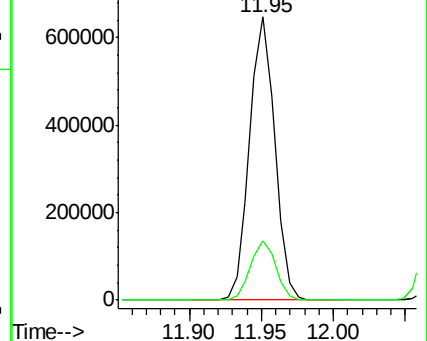
105 100

134 21.0 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.23 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX002319.D

Acq: 05 Jun 2018 21:18

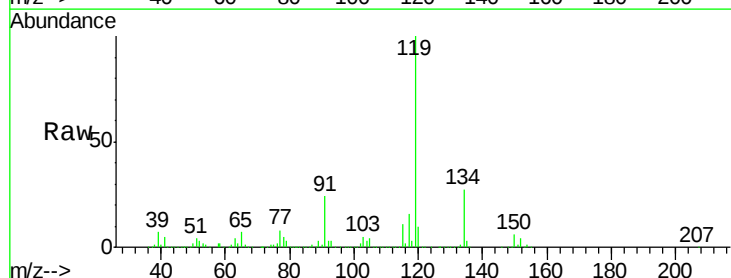
Tgt Ion:119 Resp: 702209

Ion Ratio Lower Upper

119 100

134 27.1 13.4 40.1

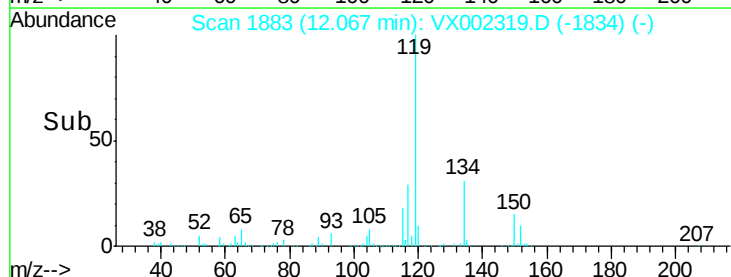
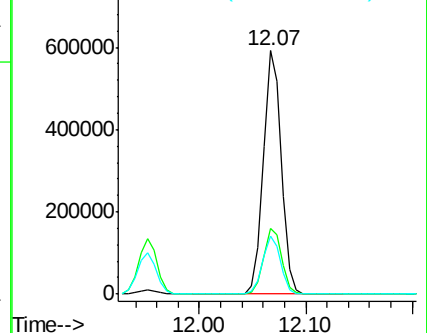
91 23.9 11.9 35.7

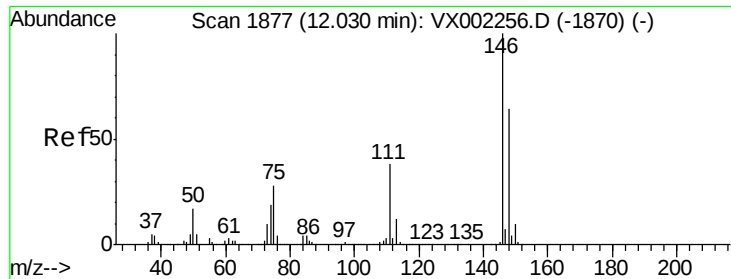


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 47.57 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX002319.D

Acq: 05 Jun 2018 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

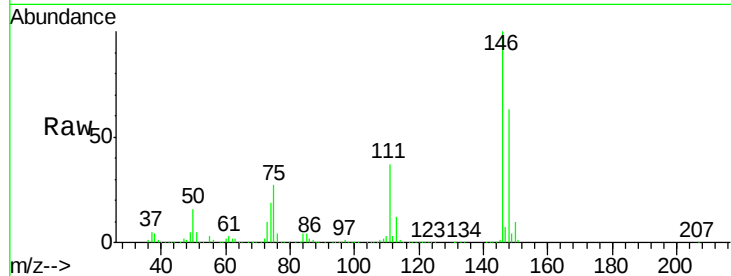
Tot Ion:146 Resp: 374252

Ion Ratio Lower Upper

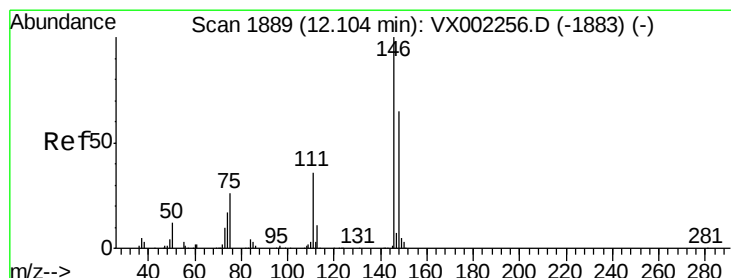
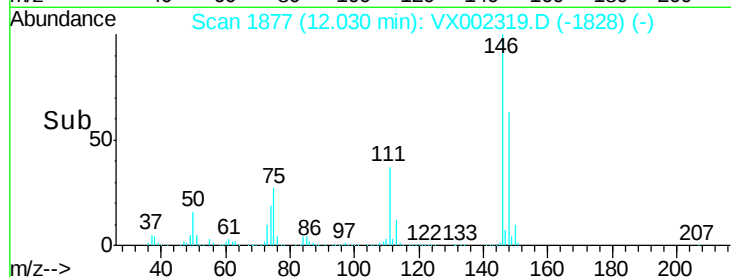
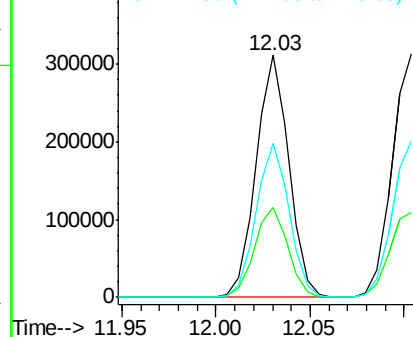
146 100

111 37.6 18.9 56.7

148 64.2 32.1 96.3



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



#88

1,4-Dichlorobenzene

Concen: 46.77 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX002319.D

Acq: 05 Jun 2018 21:18

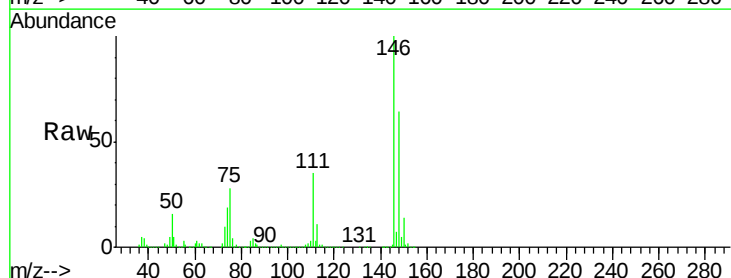
Tgt Ion:146 Resp: 379289

Ion Ratio Lower Upper

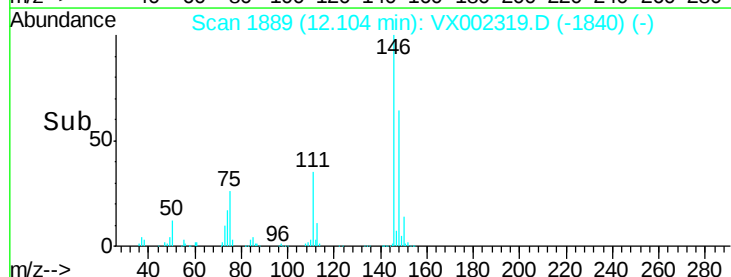
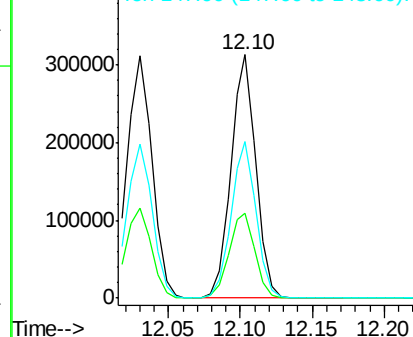
146 100

111 36.5 18.7 56.1

148 64.3 32.4 97.0



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

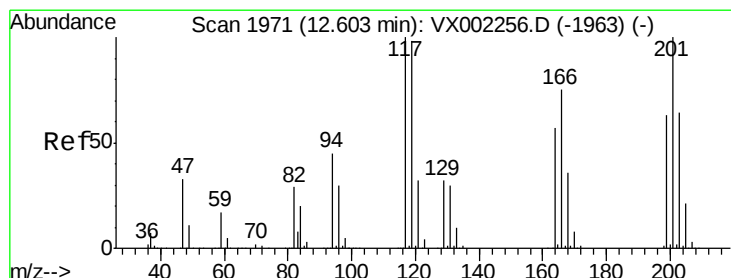
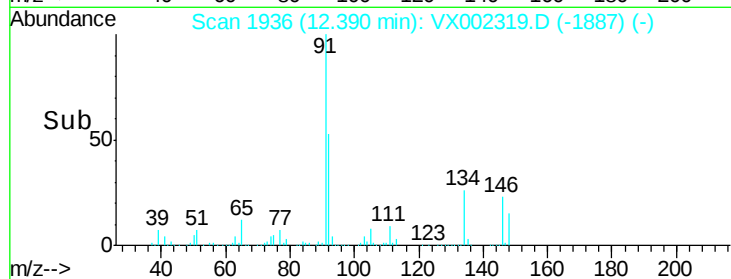
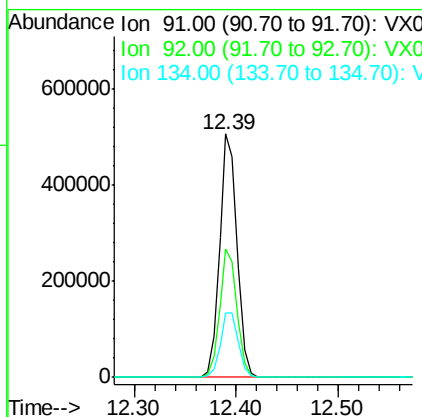
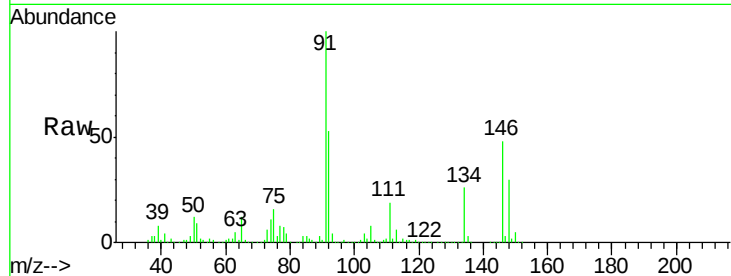




#89
n-Butylbenzene
Concen: 51.64 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX002319.D
Acq: 05 Jun 2018 21:18

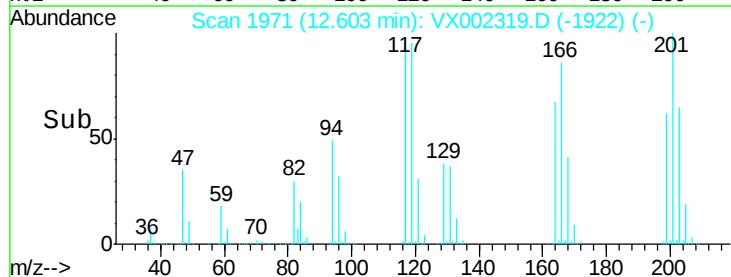
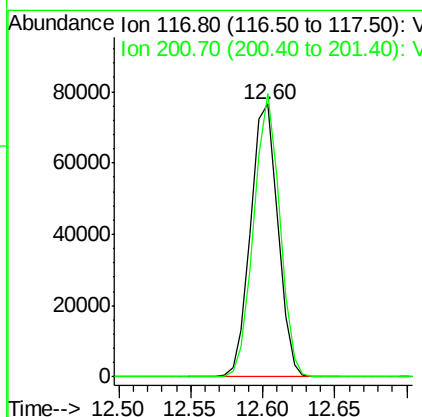
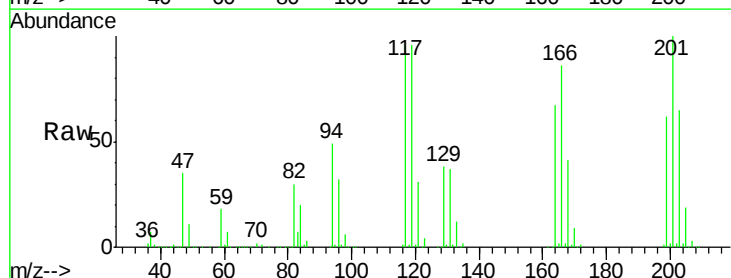
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 605453
Ion Ratio Lower Upper
91 100
92 52.3 26.0 78.0
134 27.4 13.5 40.5



#90
Hexachloroethane
Concen: 44.75 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX002319.D
Acq: 05 Jun 2018 21:18

Tgt Ion: 117 Resp: 99866
Ion Ratio Lower Upper
117 100
201 97.8 49.0 147.0





#91

1,2-Dichlorobenzene

Concen: 47.33 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX002319.D

Acq: 05 Jun 2018 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

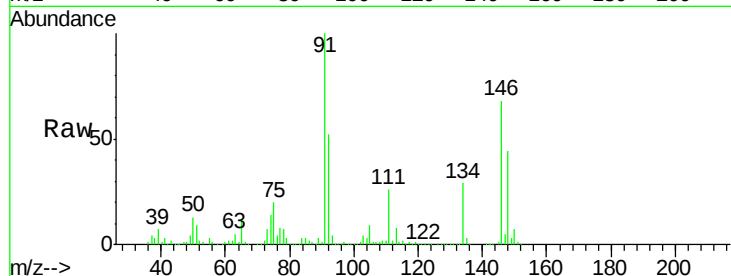
Tot Ion:146 Resp: 385314

Ion Ratio Lower Upper

146 100

111 38.1 19.4 58.1

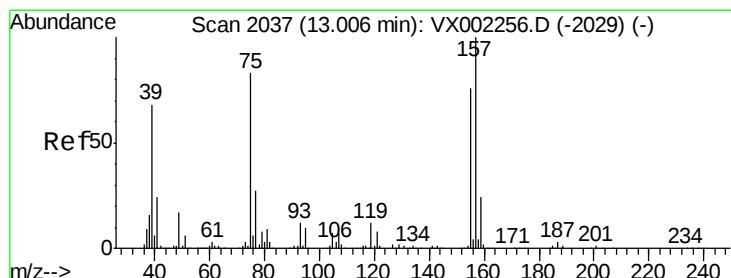
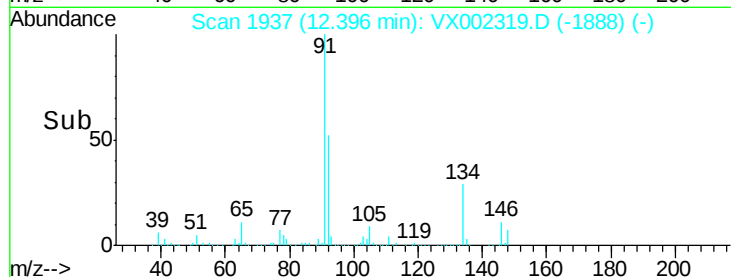
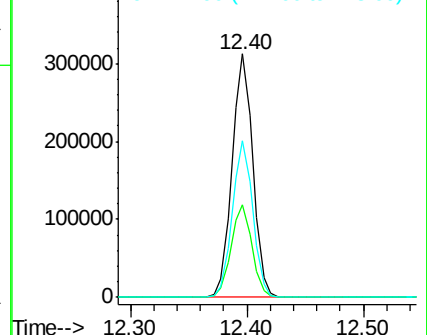
148 63.3 31.7 95.1



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: 45.45 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VX002319.D

Acq: 05 Jun 2018 21:18

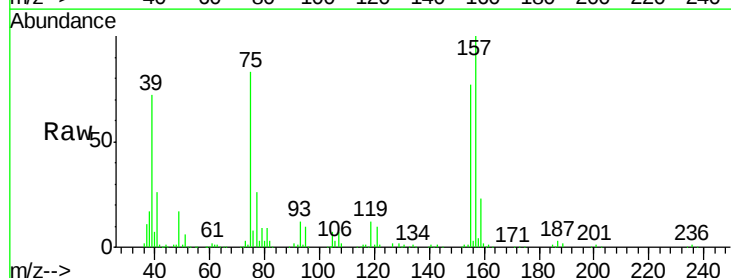
Tgt Ion: 75 Resp: 49000

Ion Ratio Lower Upper

75 100

155 91.8 45.8 137.4

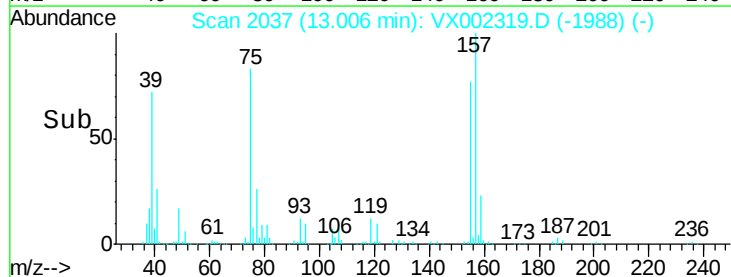
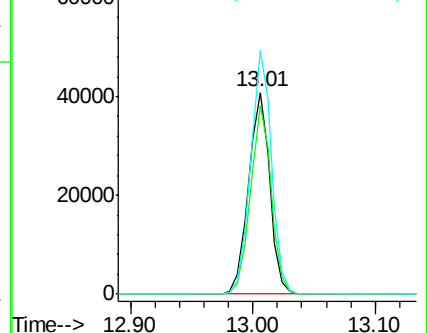
157 119.2 60.1 180.3

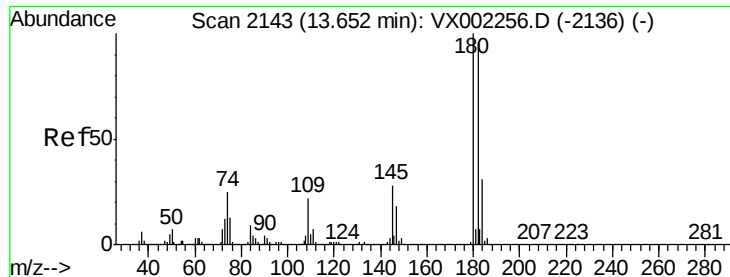


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

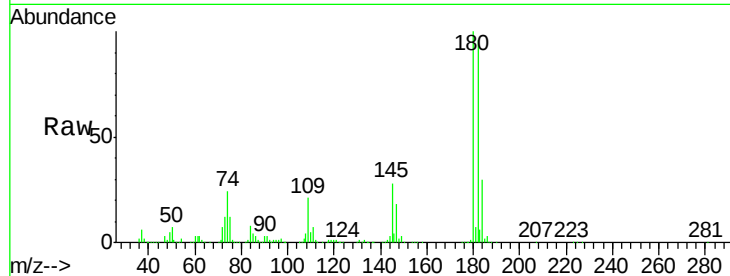




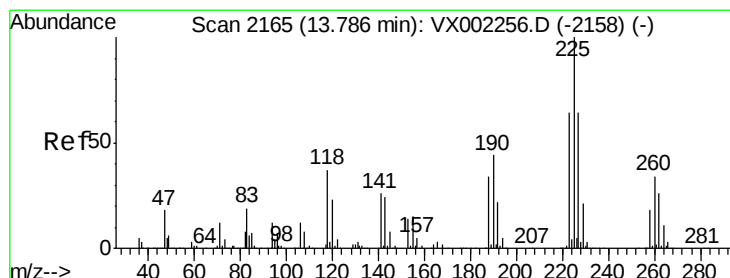
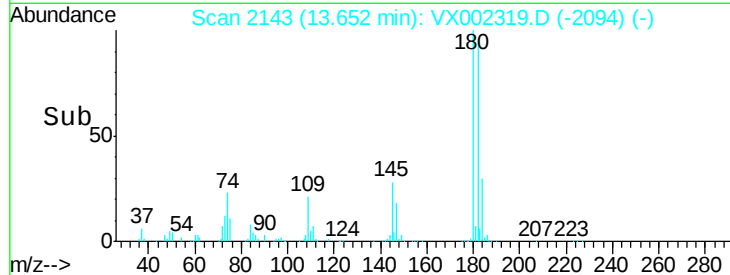
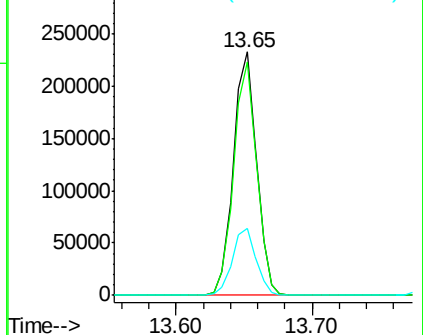
#93
 1,2,4-Trichlorobenzene
 Concen: 48.37 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX002319.D
 Acq: 05 Jun 2018 21:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 276123
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.7 143.1
 145 28.1 14.1 42.4

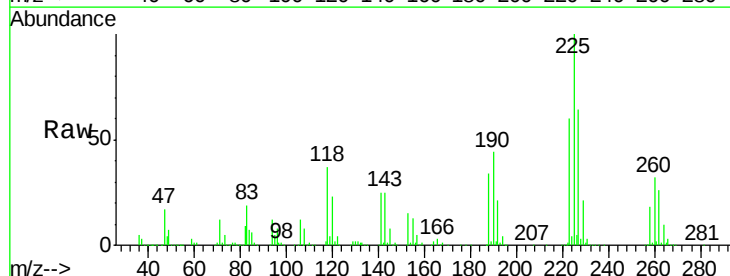


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

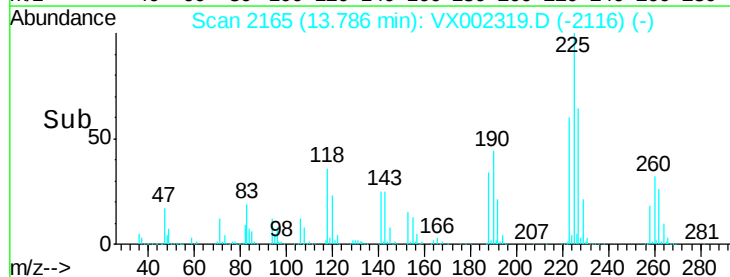
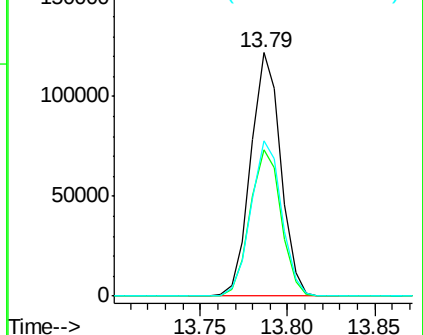


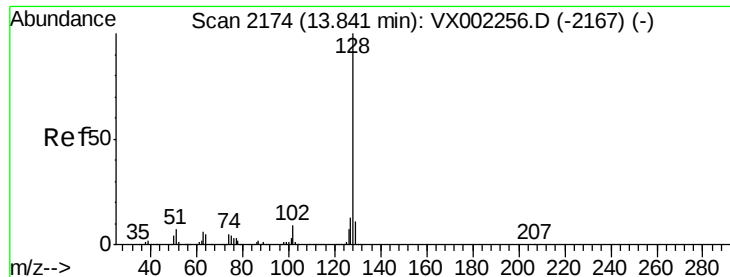
#94
 Hexachlorobutadiene
 Concen: 51.66 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX002319.D
 Acq: 05 Jun 2018 21:18

Tgt Ion:225 Resp: 145718
 Ion Ratio Lower Upper
 225 100
 223 62.0 31.6 95.0
 227 65.1 32.4 97.2



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: 48.48 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX002319.D

Acq: 05 Jun 2018 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

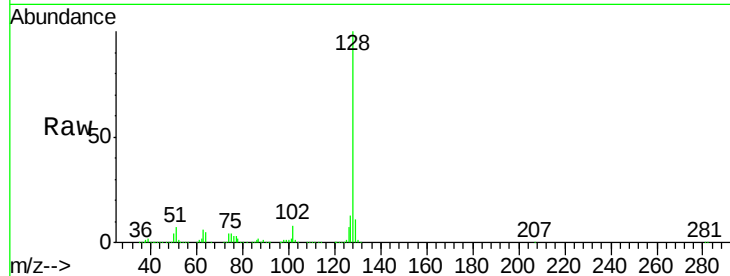
Tot Ion:128 Resp: 795060

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

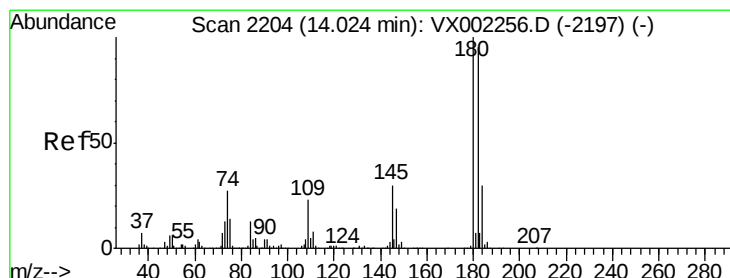
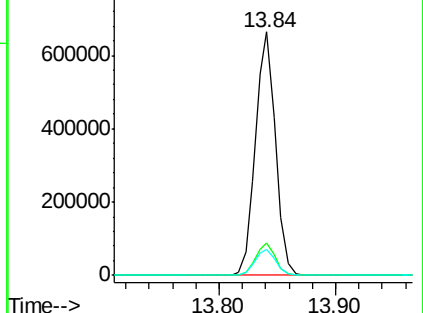
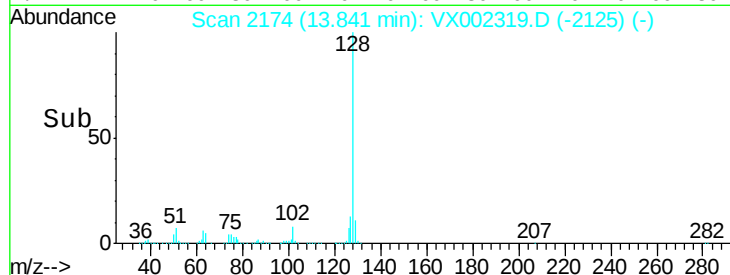
129 10.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 48.40 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX002319.D

Acq: 05 Jun 2018 21:18

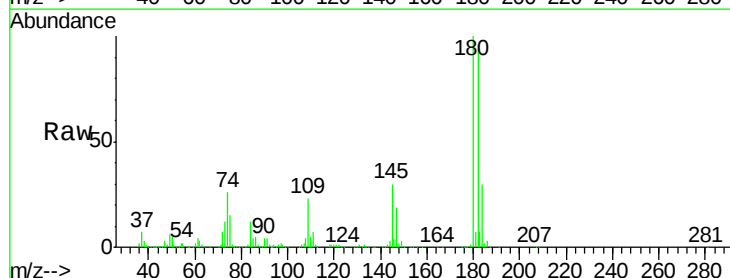
Tgt Ion:180 Resp: 281754

Ion Ratio Lower Upper

180 100

182 96.1 48.0 144.0

145 29.7 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

