

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080718\
 Data File : VX003872.D
 Acq On : 07 Aug 2018 10:24
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 08 01:17:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 07:45:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	376971	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	533402	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	481805	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	287356	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	243380	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	
35) Dibromofluoromethane	5.50	113	203699	50.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.82%	
50) Toluene-d8	8.71	98	803960	51.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.32%	
62) 4-Bromofluorobenzene	11.14	95	289066	56.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	197466	51.69	ug/l	98
3) Chloromethane	1.32	50	241131	46.39	ug/l	100
4) Vinyl Chloride	1.40	62	251627	48.55	ug/l	98
5) Bromomethane	1.64	94	145960	54.21	ug/l	99
6) Chloroethane	1.71	64	168399	50.78	ug/l	97
7) Trichlorofluoromethane	1.92	101	337159	49.27	ug/l	99
8) Diethyl Ether	2.18	74	147841	48.06	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	211031	49.33	ug/l	100
10) Methyl Iodide	2.51	142	268473	50.45	ug/l	100
11) Tert butyl alcohol	3.07	59	264916	220.62	ug/l	100
12) 1,1-Dichloroethene	2.37	96	195084	48.22	ug/l	99
13) Acrolein	2.29	56	140529	227.06	ug/l	99
14) Allyl chloride	2.72	41	381635	48.93	ug/l	99
15) Acrylonitrile	3.15	53	645642	225.33	ug/l	100
16) Acetone	2.45	43	713240	239.92	ug/l	99
17) Carbon Disulfide	2.57	76	562602	49.07	ug/l	100
18) Methyl Acetate	2.78	43	289837	44.77	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	699907	48.82	ug/l	99
20) Methylene Chloride	2.86	84	225902	48.15	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	214791	46.76	ug/l	99
22) Diisopropyl ether	3.87	45	690810	48.18	ug/l	97
23) Vinyl Acetate	3.82	43	2930841	245.69	ug/l	99
24) 1,1-Dichloroethane	3.69	63	406632	47.75	ug/l	100
25) 2-Butanone	4.70	43	1043815	233.53	ug/l	99
26) 2,2-Dichloropropane	4.58	77	325677	53.03	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	241469	48.45	ug/l	98
28) Bromochloromethane	5.01	49	179789	49.33	ug/l	100
29) Tetrahydrofuran	5.16	42	525093	228.56	ug/l	99
30) Chloroform	5.21	83	393731	49.11	ug/l	98
31) Cyclohexane	5.57	56	362191	50.29	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	338951	50.41	ug/l	100
36) 1,1-Dichloropropene	5.79	75	308391	51.62	ug/l	100
37) Ethyl Acetate	4.86	43	318152	48.41	ug/l	100
38) Carbon Tetrachloride	5.78	117	298995	52.58	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080718\
 Data File : VX003872.D
 Acq On : 07 Aug 2018 10:24
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 08 01:17:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 07:45:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	380624	54.04	ug/l	99
40) Benzene	6.14	78	920043	51.29	ug/l	100
41) Methacrylonitrile	5.06	41	176994	48.90	ug/l	100
42) 1,2-Dichloroethane	6.20	62	309958	51.10	ug/l	100
43) Isopropyl Acetate	6.46	43	500581	50.62	ug/l	100
44) Trichloroethene	7.21	130	247841	50.52	ug/l	93
45) 1,2-Dichloropropane	7.52	63	234593	50.64	ug/l	100
46) Dibromomethane	7.66	93	149965	49.86	ug/l	99
47) Bromodichloromethane	7.90	83	294383	51.96	ug/l	100
48) Methyl methacrylate	7.78	41	259605	51.64	ug/l	100
49) 1,4-Dioxane	7.76	88	116936	987.45	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	2065843	252.02	ug/l	100
52) Toluene	8.79	92	589552	52.01	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	349480	54.57	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	375784	54.42	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	233758	50.47	ug/l	98
56) Ethyl methacrylate	9.18	69	360356	53.62	ug/l	99
57) 1,3-Dichloropropane	9.37	76	395018	50.96	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	907236	274.54	ug/l	100
59) 2-Hexanone	9.50	43	1594967	260.30	ug/l	100
60) Dibromochloromethane	9.59	129	237445	54.98	ug/l	100
61) 1,2-Dibromoethane	9.68	107	244187	52.66	ug/l	100
64) Tetrachloroethene	9.34	164	235175	49.62	ug/l	94
65) Chlorobenzene	10.14	112	633563	50.54	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	228125	52.93	ug/l	98
67) Ethyl Benzene	10.25	91	1104724	53.83	ug/l	98
68) m/p-Xylenes	10.36	106	877823	109.47	ug/l	96
69) o-Xylene	10.70	106	419115	55.37	ug/l	95
70) Styrene	10.71	104	715672	57.75	ug/l	98
71) Bromoform	10.86	173	181257	49.62	ug/l	99
73) Isopropylbenzene	11.02	105	1120850	52.73	ug/l	96
74) N-amyl acetate	6.46	43	500581	45.28	ug/l	# 99
75) 1,1,2,2-Tetrachloroethane	11.27	83	338731	46.49	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	403329	63.55	ug/l	85
77) Bromobenzene	11.26	156	275703	48.62	ug/l	97
78) n-propylbenzene	11.36	91	1257248	52.67	ug/l	100
79) 2-Chlorotoluene	11.42	91	735018	50.50	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	927473	53.51	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	112060	48.12	ug/l	94
82) 4-Chlorotoluene	11.51	91	875217	51.33	ug/l	99
83) tert-Butylbenzene	11.77	119	912770	53.53	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	965023	55.37	ug/l	99
85) sec-Butylbenzene	11.95	105	1089429	54.14	ug/l	98
86) p-Isopropyltoluene	12.07	119	967557	53.58	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	535546	51.09	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	534769	53.22	ug/l	100
89) n-Butylbenzene	12.39	91	811222	51.55	ug/l	100
90) Hexachloroethane	12.60	117	144484	49.28	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	487831	46.95	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	67644	45.32	ug/l	98

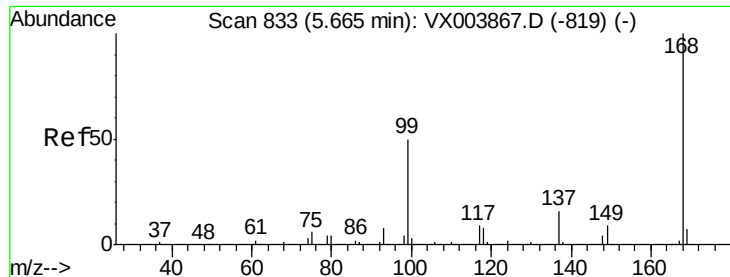
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX080718\
Data File : VX003872.D
Acq On : 07 Aug 2018 10:24
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Aug 08 01:17:37 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 07:45:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	362955	48.57	ug/l	100
94) Hexachlorobutadiene	13.79	225	166845	50.60	ug/l	100
95) Naphthalene	13.83	128	1064702	49.74	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	361239	48.44	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX003872.D

Acq: 07 Aug 2018 10:24

Instrument :

MSVOA_X

ClientSampled :

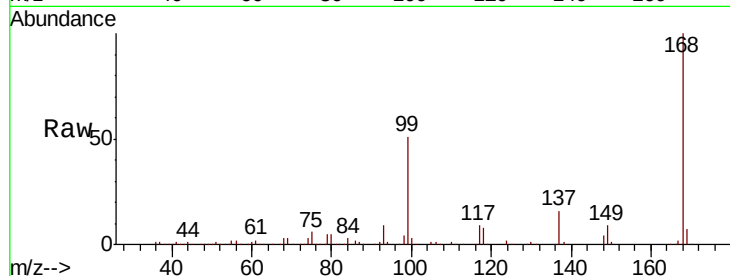
VSTDCCC050

Tot Ion:168 Resp: 376971

Ion Ratio Lower Upper

168 100

99 50.4 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

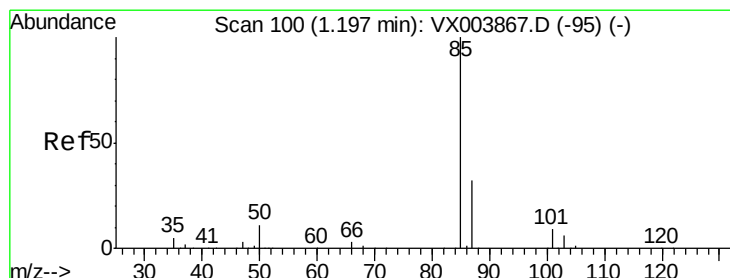
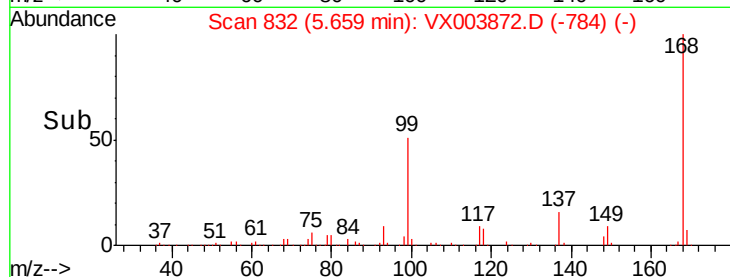
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 51.69 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003872.D

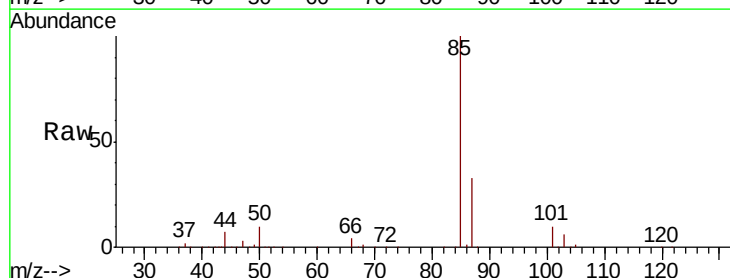
Acq: 07 Aug 2018 10:24

Tgt Ion: 85 Resp: 197466

Ion Ratio Lower Upper

85 100

87 32.9 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

200000

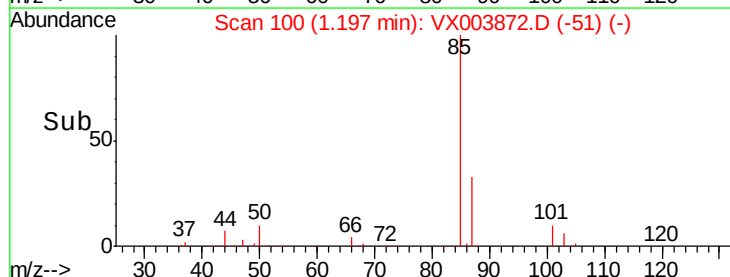
150000

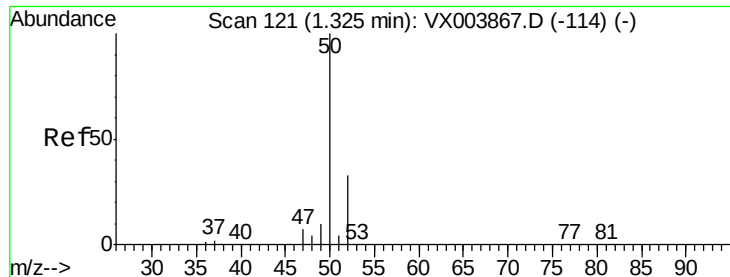
100000

50000

0

Time--> 1.10 1.20 1.30





#3

Chloromethane

Concen: 46.39 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003872.D

Acq: 07 Aug 2018 10:24

Instrument :

MSVOA_X

ClientSampleId :

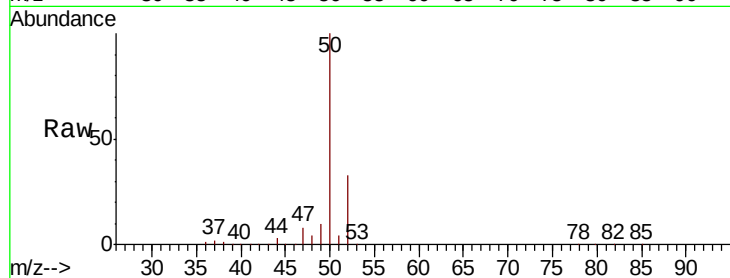
VSTDCCC050

Tot Ion: 50 Resp: 241131

Ion Ratio Lower Upper

50 100

52 33.4 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

200000

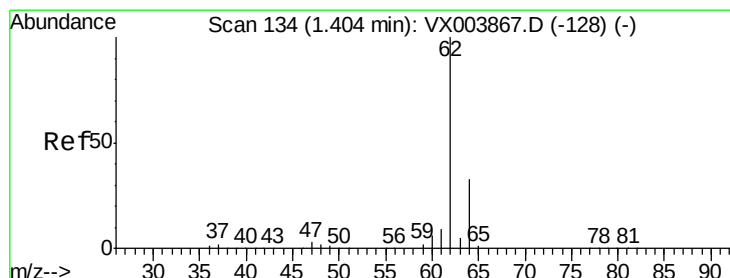
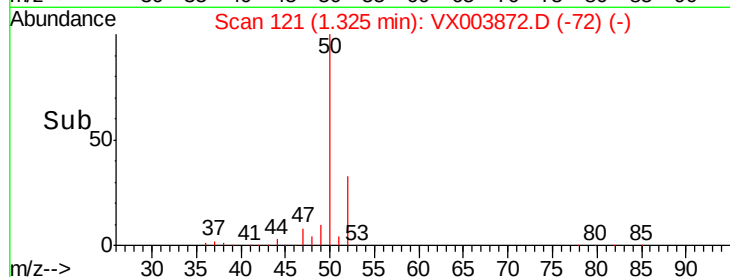
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 48.55 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003872.D

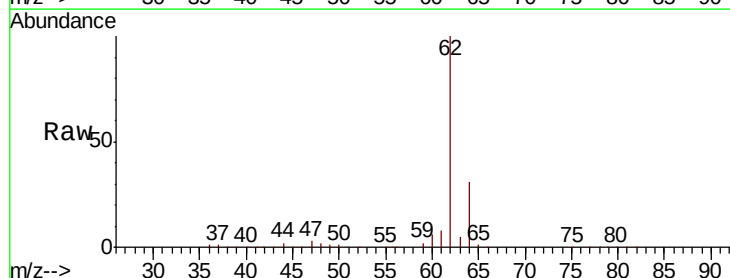
Acq: 07 Aug 2018 10:24

Tgt Ion: 62 Resp: 251627

Ion Ratio Lower Upper

62 100

64 31.1 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

300000

250000

200000

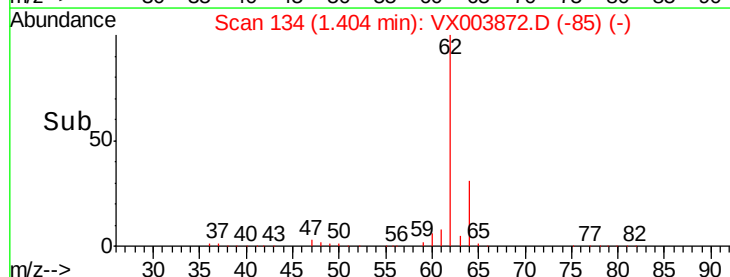
150000

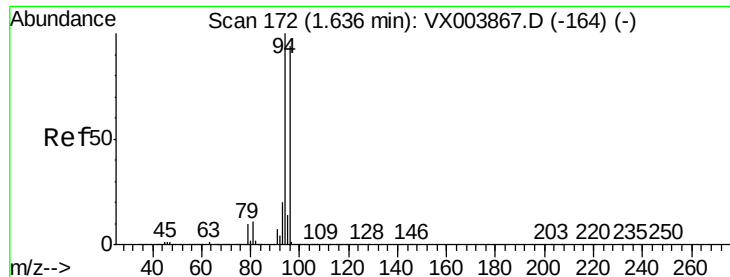
100000

50000

0

Time-->





#5

Bromomethane

Concen: 54.21 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003872.D

Acq: 07 Aug 2018 10:24

Instrument :

MSVOA_X

ClientSampleId :

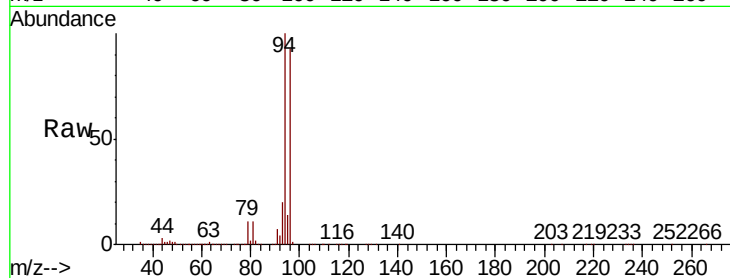
VSTDCCC050

Tot Ion: 94 Resp: 145960

Ion Ratio Lower Upper

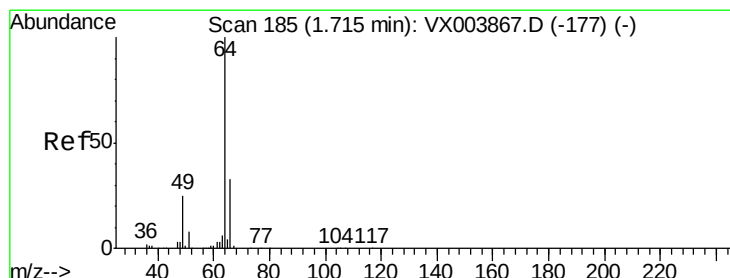
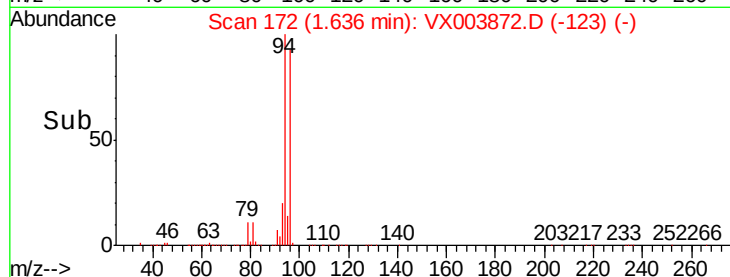
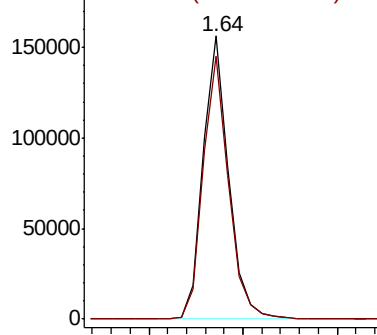
94 100

96 92.9 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 50.78 ug/l

RT: 1.71 min Scan# 185

Delta R.T. 0.00 min

Lab File: VX003872.D

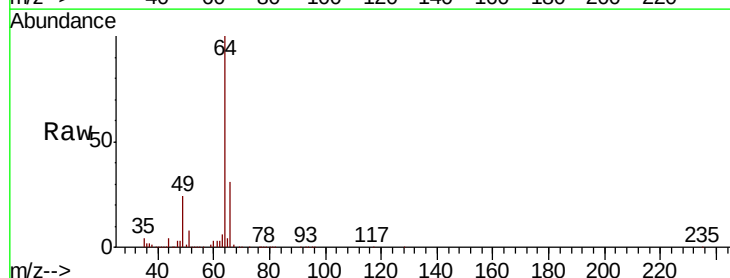
Acq: 07 Aug 2018 10:24

Tgt Ion: 64 Resp: 168399

Ion Ratio Lower Upper

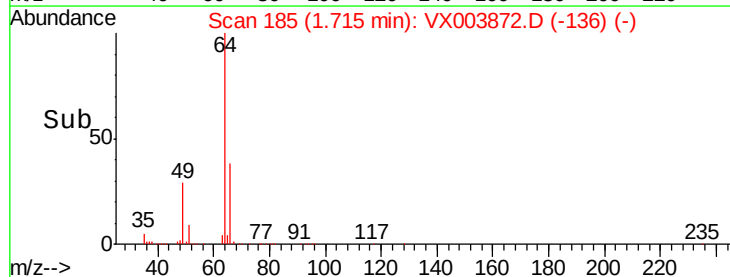
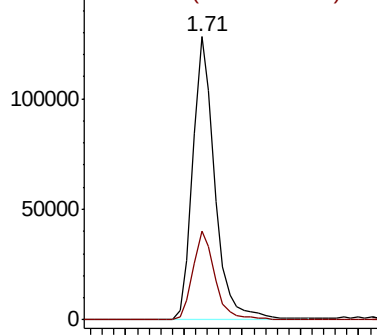
64 100

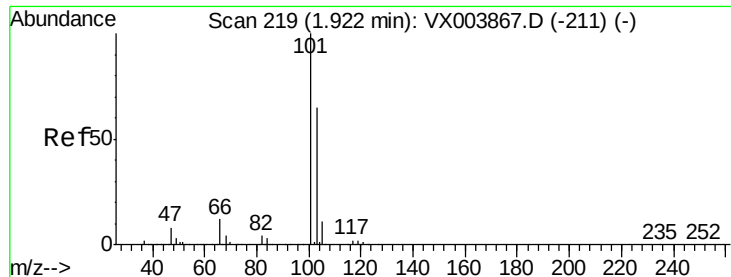
66 31.3 26.5 39.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



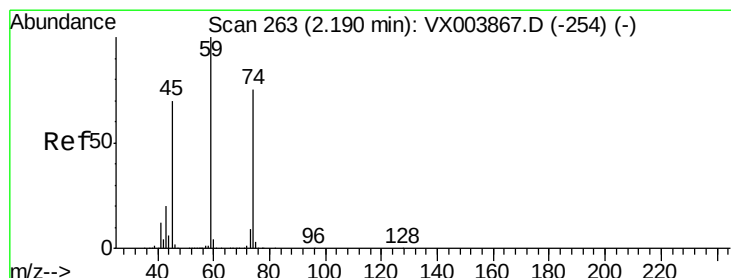
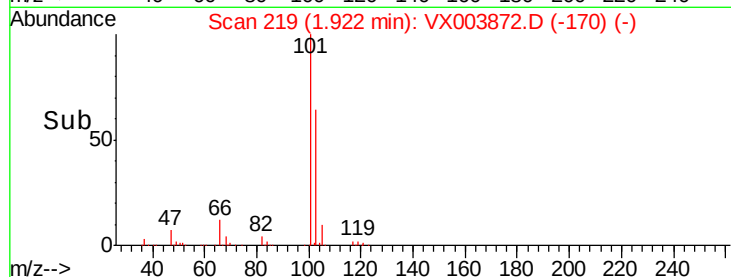
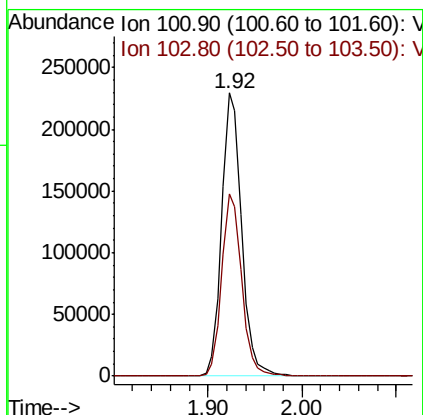
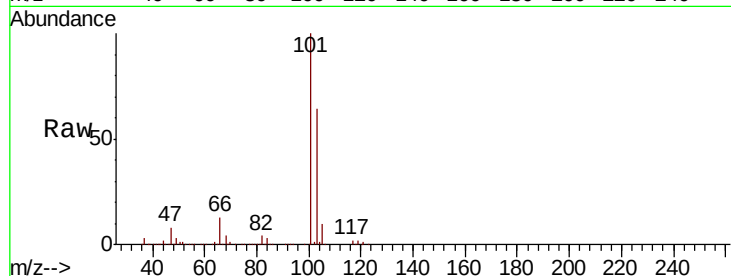


#7

Trichlorofluoromethane
 Concen: 49.27 ug/l
 RT: 1.92 min Scan# 219
 Delta R.T. 0.00 min
 Lab File: VX003872.D
 Acq: 07 Aug 2018 10:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

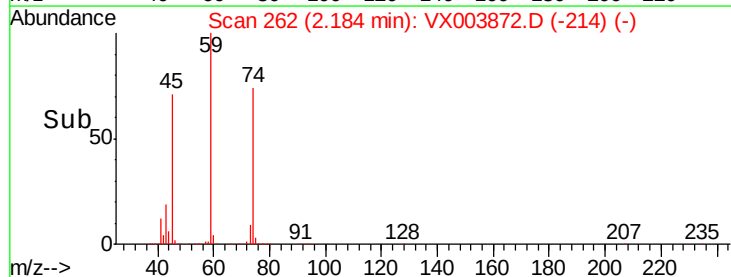
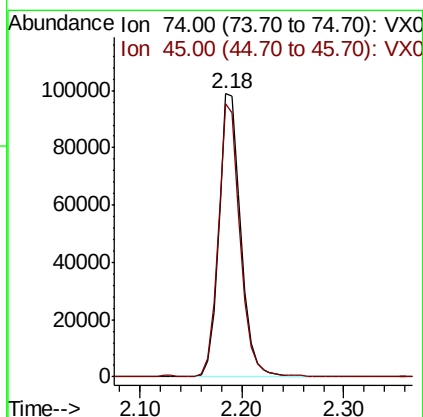
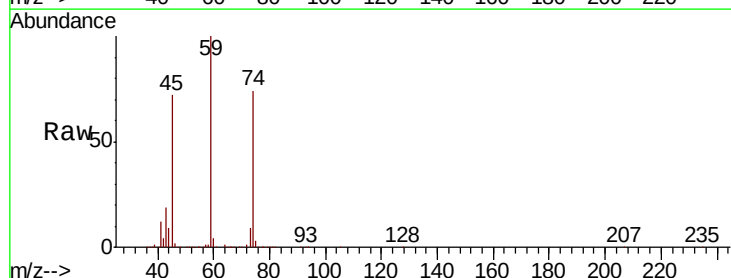
Tot Ion:101 Resp: 337159
 Ion Ratio Lower Upper
 101 100
 103 64.4 52.3 78.5

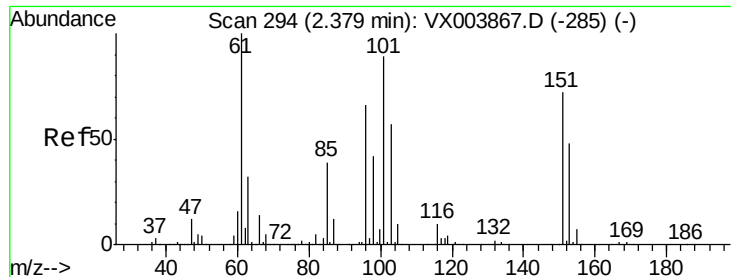


#8

Diethyl Ether
 Concen: 48.06 ug/l
 RT: 2.18 min Scan# 262
 Delta R.T. -0.01 min
 Lab File: VX003872.D
 Acq: 07 Aug 2018 10:24

Tgt Ion: 74 Resp: 147841
 Ion Ratio Lower Upper
 74 100
 45 95.5 48.3 144.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.33 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX003872.D

Acq: 07 Aug 2018 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

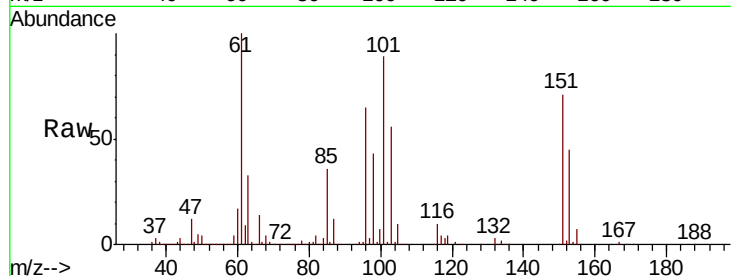
Tot Ion:101 Resp: 211031

Ion Ratio Lower Upper

101 100

85 42.6 34.2 51.4

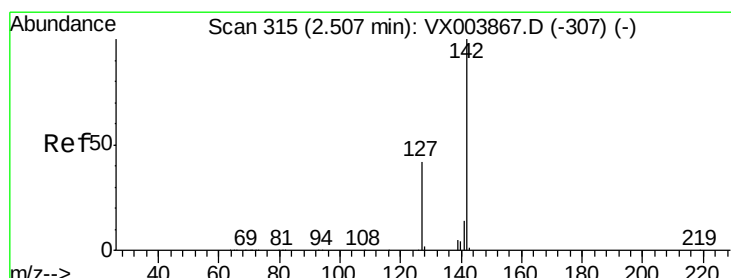
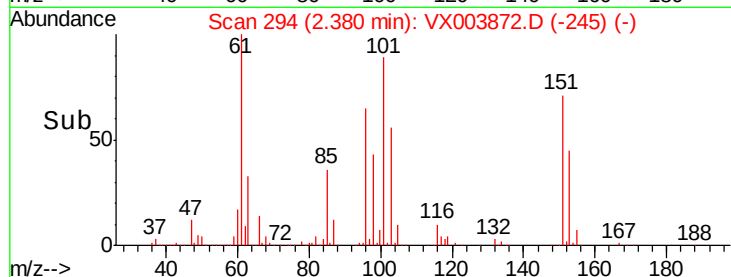
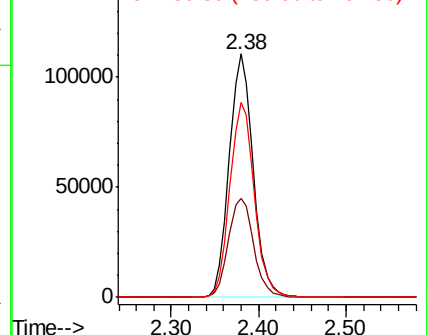
151 81.5 65.0 97.4



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: 50.45 ug/l

RT: 2.51 min Scan# 315

Delta R.T. 0.00 min

Lab File: VX003872.D

Acq: 07 Aug 2018 10:24

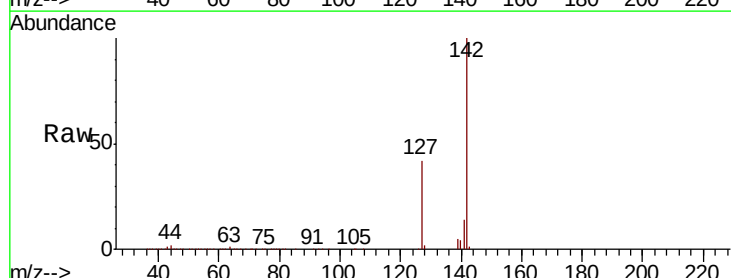
Tgt Ion:142 Resp: 268473

Ion Ratio Lower Upper

142 100

127 41.4 33.1 49.7

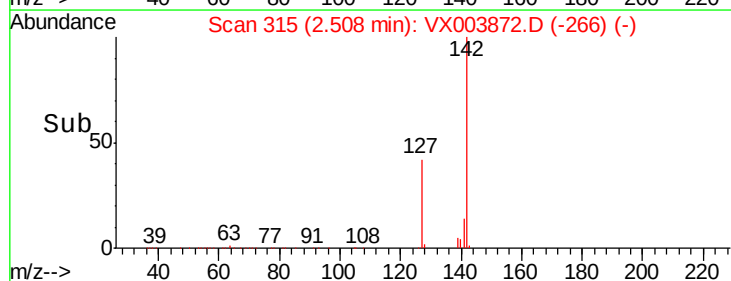
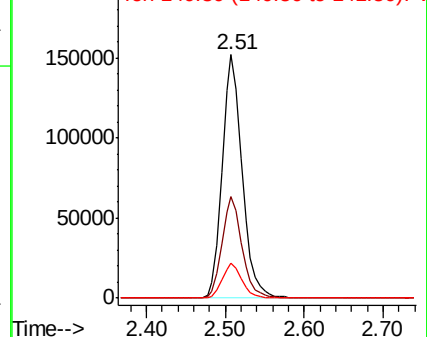
141 14.1 11.1 16.7

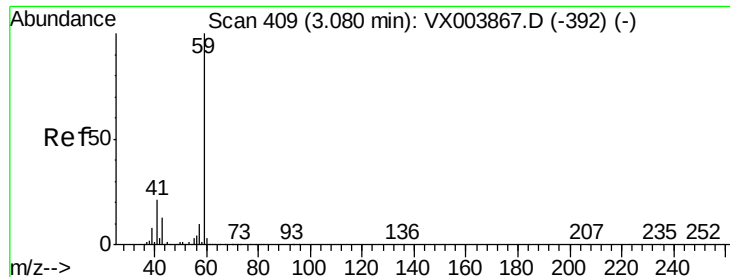


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 220.62 ug/l

RT: 3.07 min Scan# 408

Delta R.T. -0.01 min

Lab File: VX003872.D

Acq: 07 Aug 2018 10:24

Instrument :

MSVOA_X

ClientSampleId :

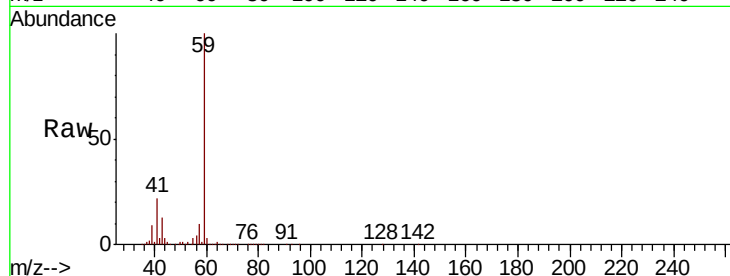
VSTDCCC050

Tot Ion: 59 Resp: 264916

Ion Ratio Lower Upper

59 100

57 10.2 8.1 12.1



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

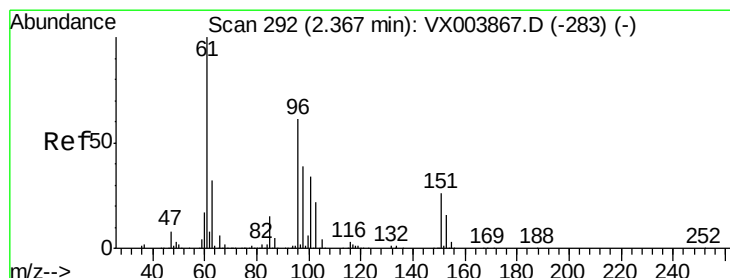
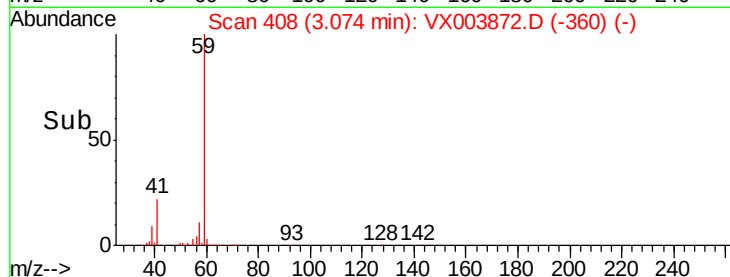
3.07

100000

50000

0

Time--> 2.90 3.00 3.10



#12

1,1-Dichloroethene

Concen: 48.22 ug/l

RT: 2.37 min Scan# 292

Delta R.T. 0.00 min

Lab File: VX003872.D

Acq: 07 Aug 2018 10:24

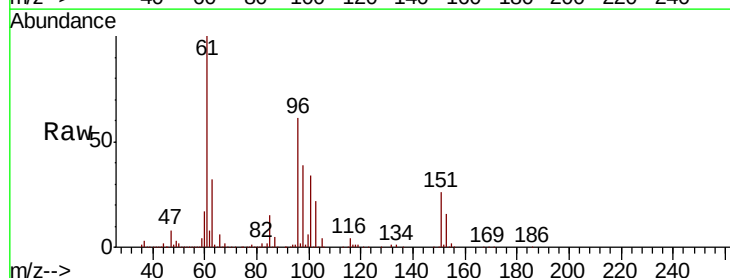
Tgt Ion: 96 Resp: 195084

Ion Ratio Lower Upper

96 100

61 163.2 131.3 196.9

98 63.7 51.8 77.6



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

250000

200000

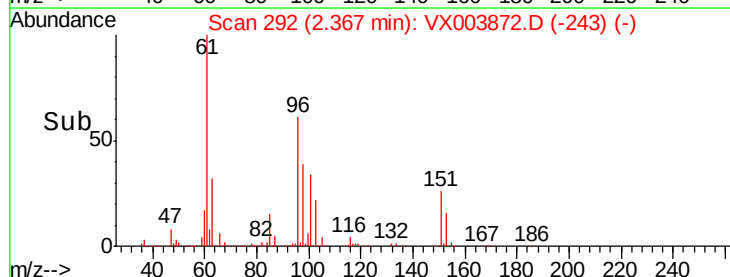
150000

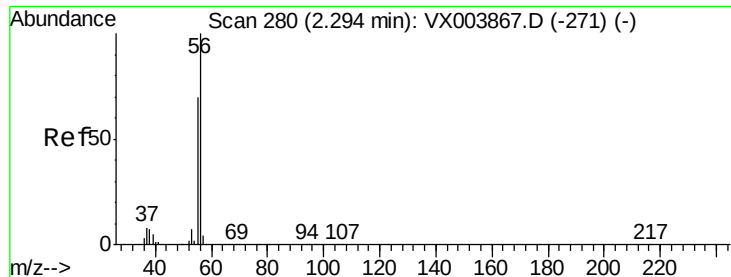
100000

50000

0

Time--> 2.30 2.40





#13

Acrolein

Concen: 227.06 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003872.D

Acq: 07 Aug 2018 10:24

Instrument :

MSVOA_X

ClientSampleId :

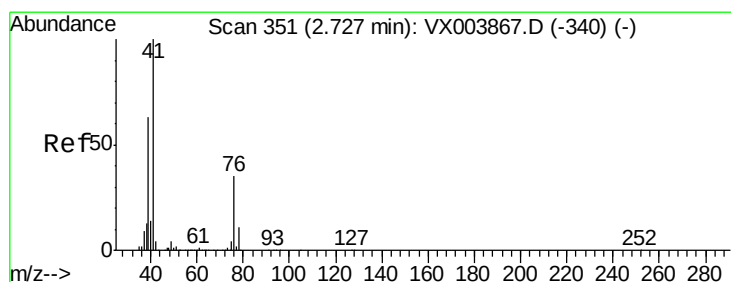
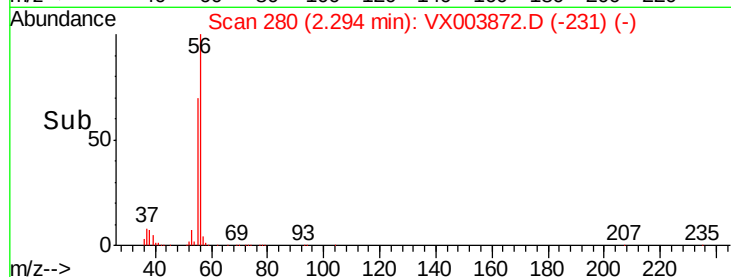
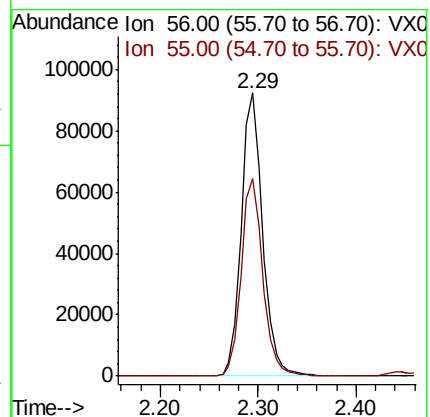
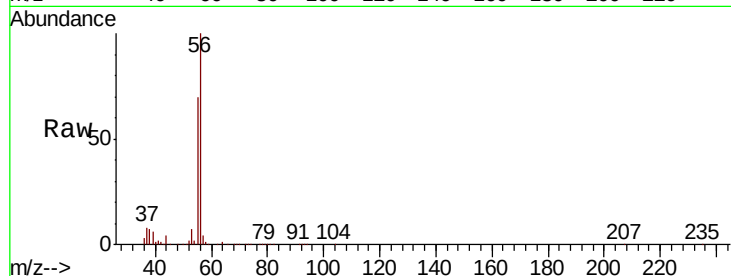
VSTDCCC050

Tot Ion: 56 Resp: 140529

Ion Ratio Lower Upper

56 100

55 70.5 56.1 84.1



#14

Allyl chloride

Concen: 48.93 ug/l

RT: 2.72 min Scan# 350

Delta R.T. -0.01 min

Lab File: VX003872.D

Acq: 07 Aug 2018 10:24

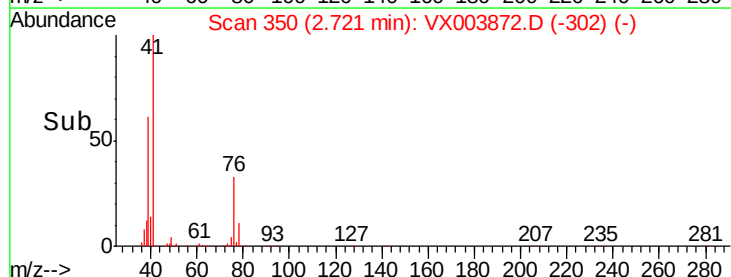
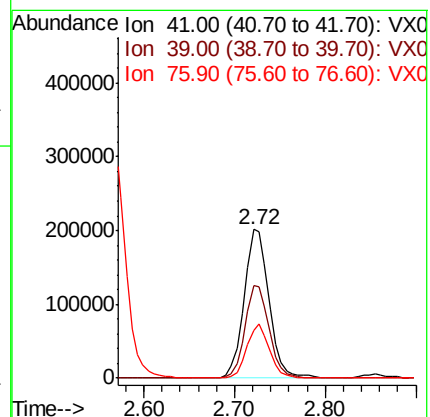
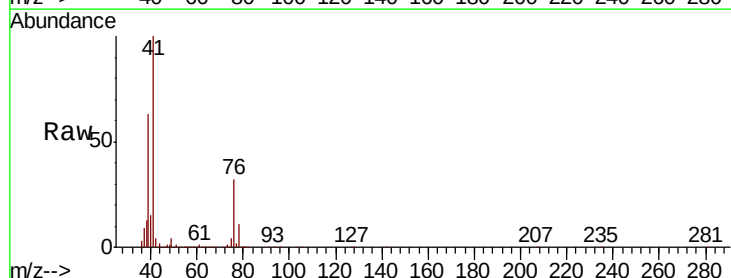
Tgt Ion: 41 Resp: 381635

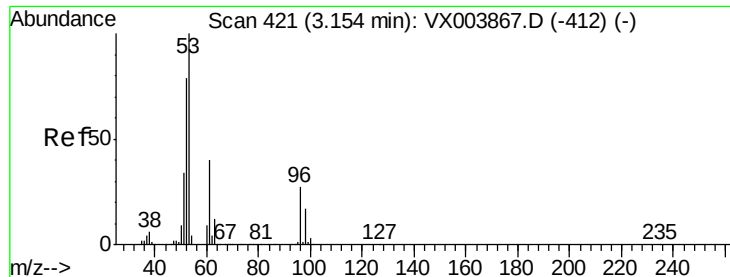
Ion Ratio Lower Upper

41 100

39 60.2 47.4 71.0

76 33.1 26.0 39.0

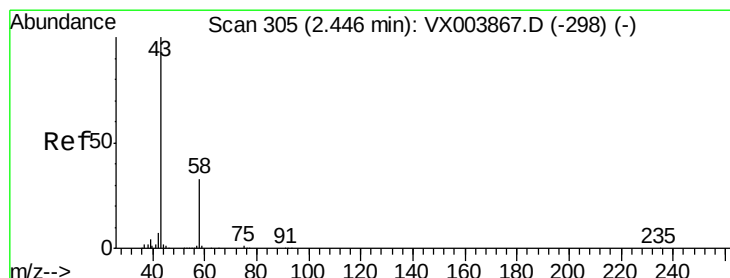
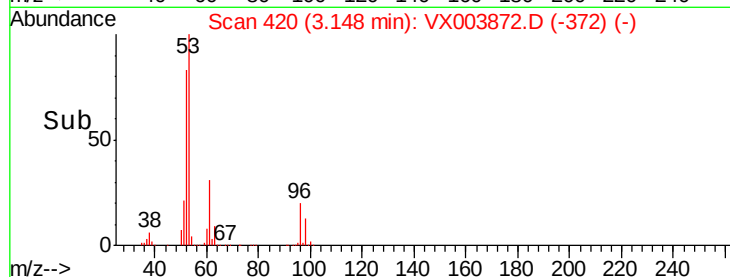
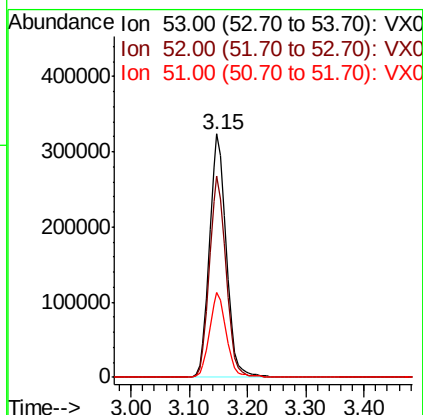
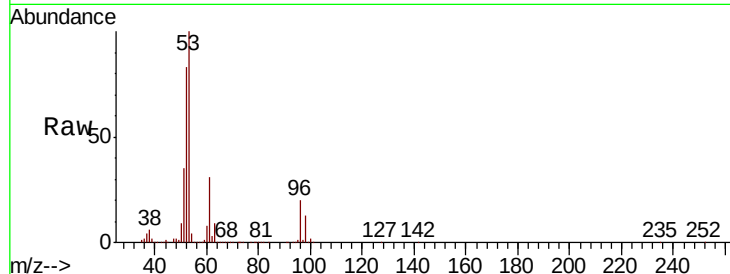




#15
 Acrylonitrile
 Concen: 225.33 ug/l
 RT: 3.15 min Scan# 420
 Delta R.T. -0.01 min
 Lab File: VX003872.D
 Acq: 07 Aug 2018 10:24

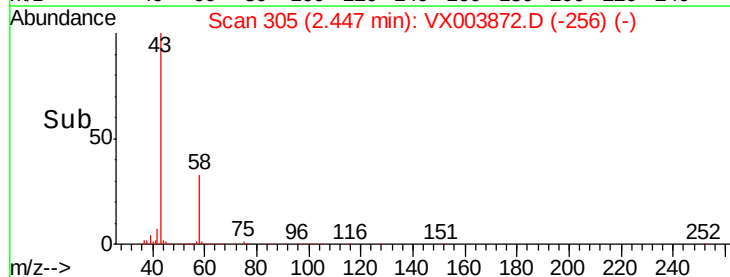
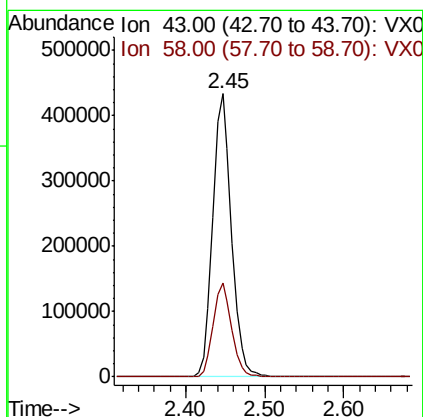
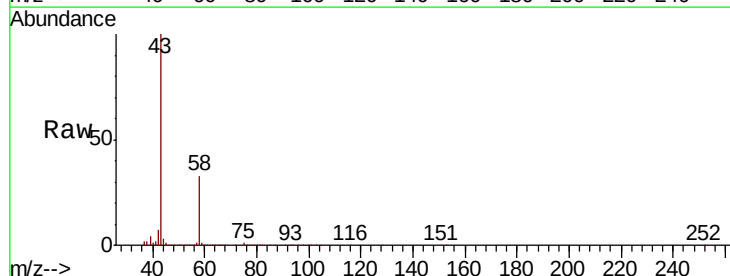
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

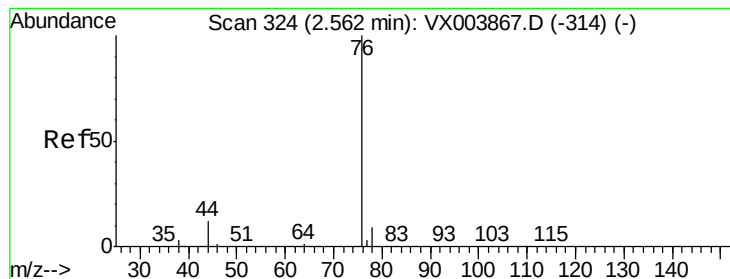
Tot Ion: 53 Resp: 645642
 Ion Ratio Lower Upper
 53 100
 52 81.7 65.3 97.9
 51 35.1 27.9 41.9



#16
 Acetone
 Concen: 239.92 ug/l
 RT: 2.45 min Scan# 305
 Delta R.T. 0.00 min
 Lab File: VX003872.D
 Acq: 07 Aug 2018 10:24

Tgt Ion: 43 Resp: 713240
 Ion Ratio Lower Upper
 43 100
 58 33.3 26.4 39.6





#17

Carbon Disulfide

Concen: 49.07 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.01 min

Lab File: VX003872.D

Acq: 07 Aug 2018 10:24

Instrument :

MSVOA_X

ClientSampleId :

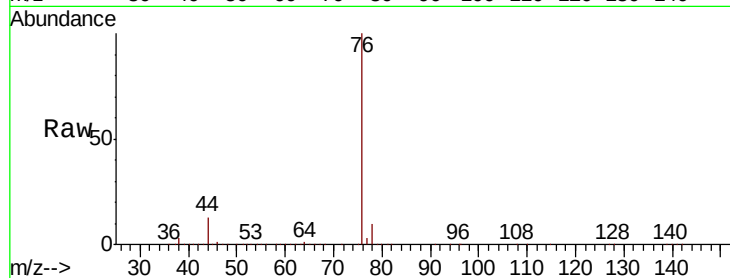
VSTDCCC050

Tot Ion: 76 Resp: 562602

Ion Ratio Lower Upper

76 100

78 9.6 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

300000

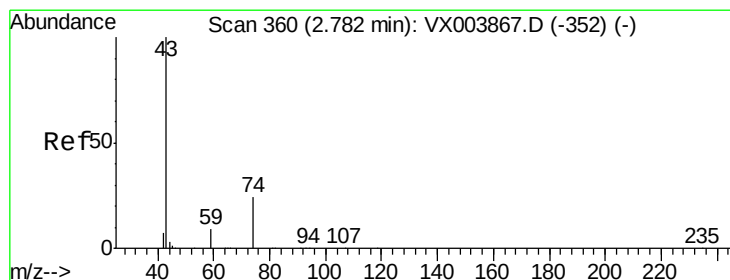
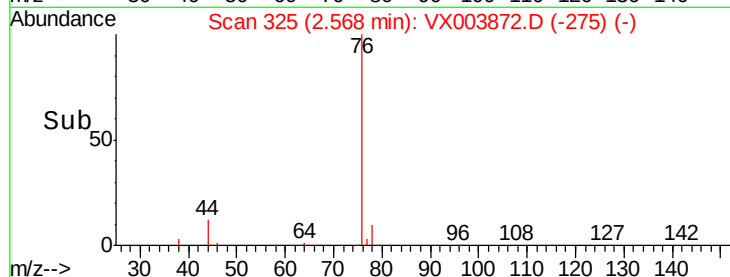
200000

100000

0

Time-->

2.50 2.60 2.70



#18

Methyl Acetate

Concen: 44.77 ug/l

RT: 2.78 min Scan# 359

Delta R.T. -0.01 min

Lab File: VX003872.D

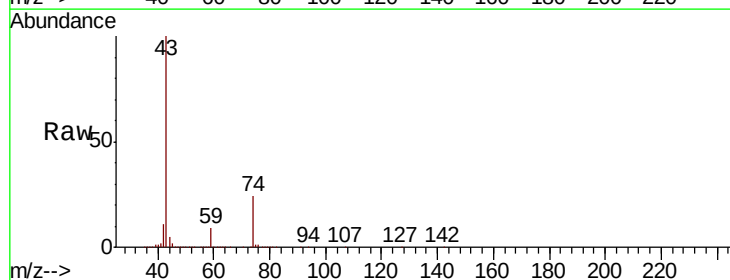
Acq: 07 Aug 2018 10:24

Tgt Ion: 43 Resp: 289837

Ion Ratio Lower Upper

43 100

74 24.1 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

150000

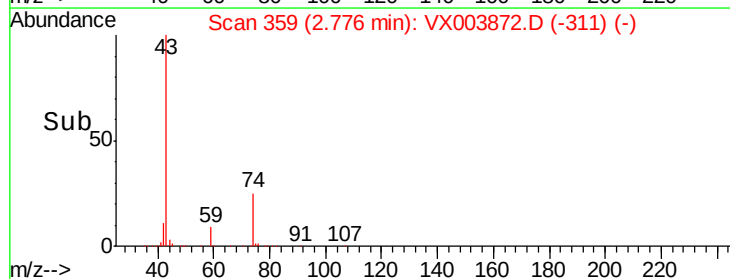
100000

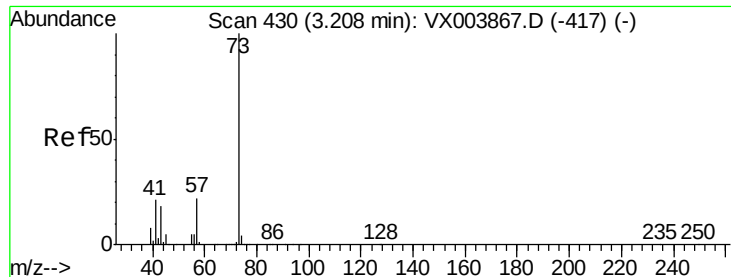
50000

0

Time-->

2.70 2.75 2.80 2.85

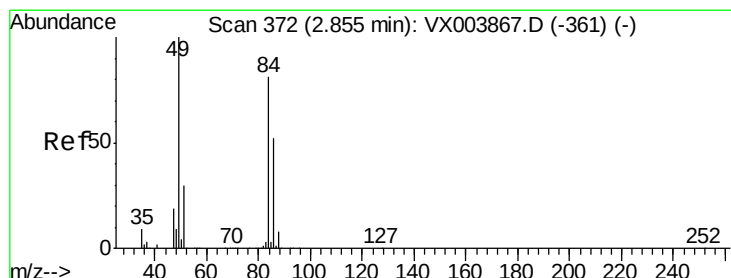
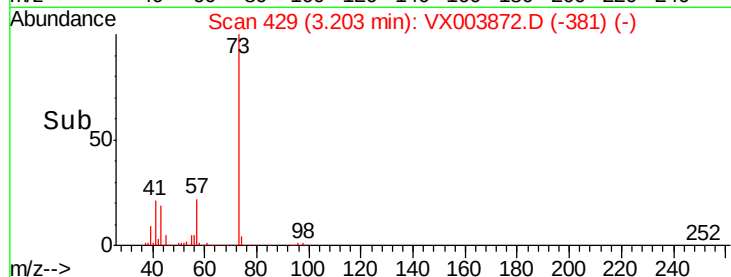
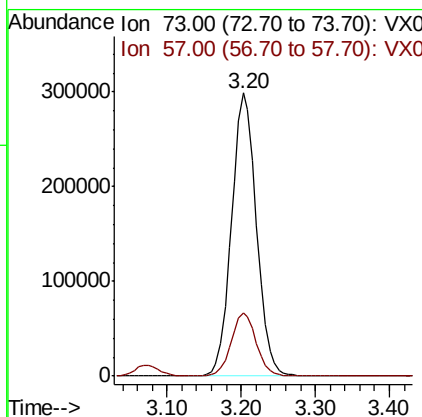
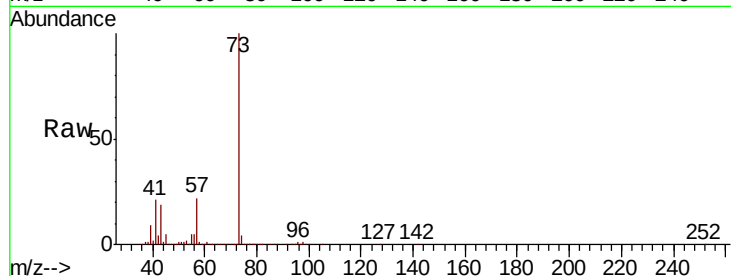




#19
Methyl tert-butyl Ether
Concen: 48.82 ug/l
RT: 3.20 min Scan# 429
Delta R.T. -0.01 min
Lab File: VX003872.D
Acq: 07 Aug 2018 10:24

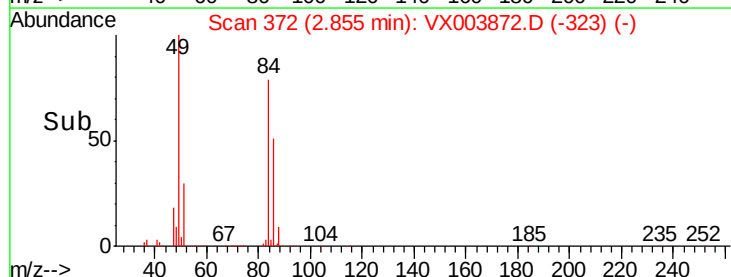
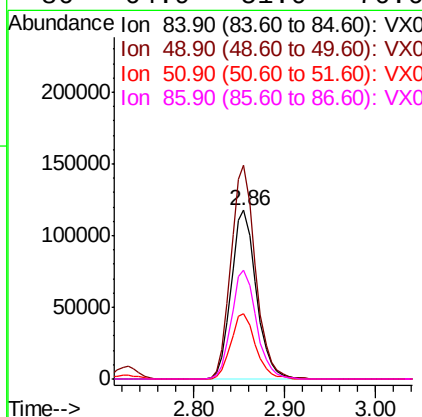
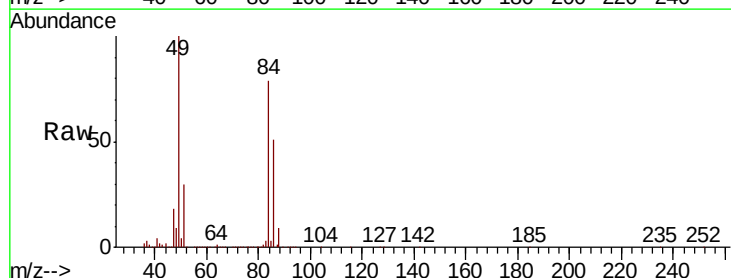
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

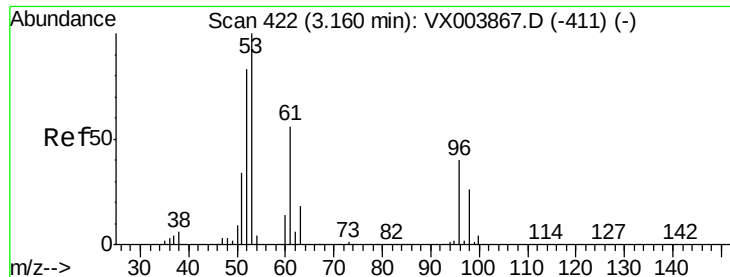
Tot Ion: 73 Resp: 699907
Ion Ratio Lower Upper
73 100
57 22.2 18.0 27.0



#20
Methylene Chloride
Concen: 48.15 ug/l
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003872.D
Acq: 07 Aug 2018 10:24

Tgt Ion: 84 Resp: 225902
Ion Ratio Lower Upper
84 100
49 126.7 98.9 148.3
51 38.3 29.9 44.9
86 64.9 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 46.76 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX003872.D

Acq: 07 Aug 2018 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

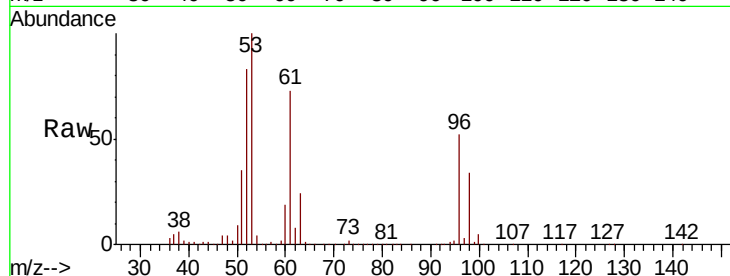
Tot Ion: 96 Resp: 214791

Ion Ratio Lower Upper

96 100

61 138.9 111.8 167.6

98 64.9 51.8 77.6

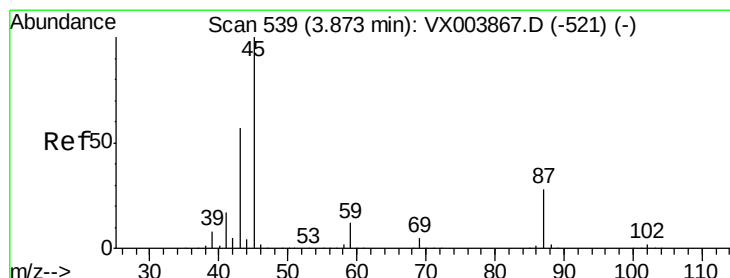
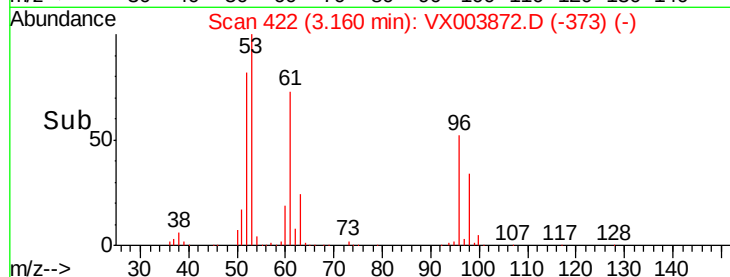
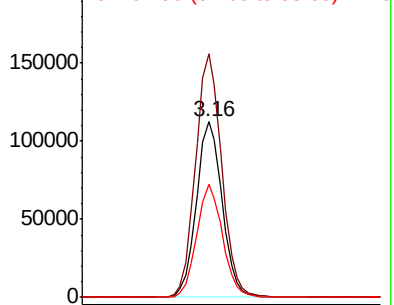


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 48.18 ug/l

RT: 3.87 min Scan# 539

Delta R.T. 0.00 min

Lab File: VX003872.D

Acq: 07 Aug 2018 10:24

Tgt Ion: 45 Resp: 690810

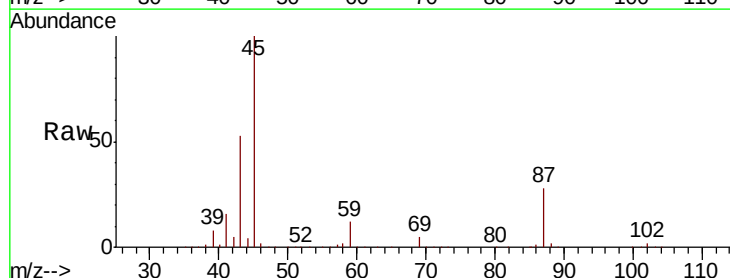
Ion Ratio Lower Upper

45 100

43 53.5 45.3 67.9

87 27.8 22.7 34.1

59 12.1 9.6 14.4



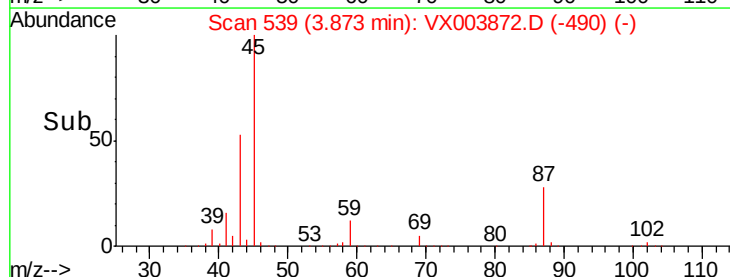
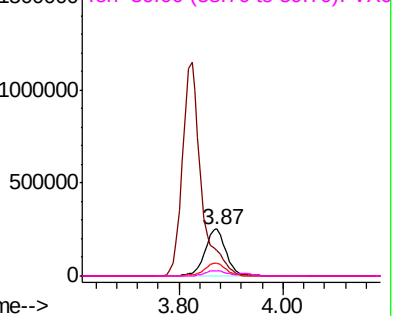
Abundance

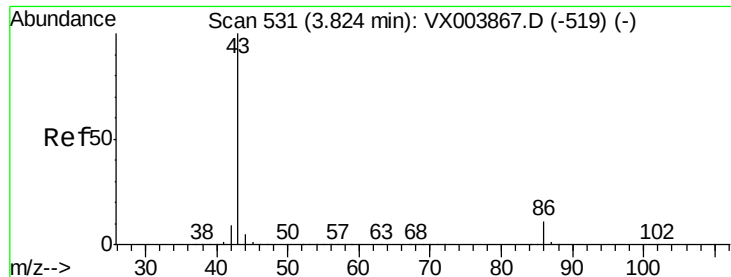
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 245.69 ug/l

RT: 3.82 min Scan# 531

Delta R.T. 0.00 min

Lab File: VX003872.D

Acq: 07 Aug 2018 10:24

Instrument :

MSVOA_X

ClientSampleId :

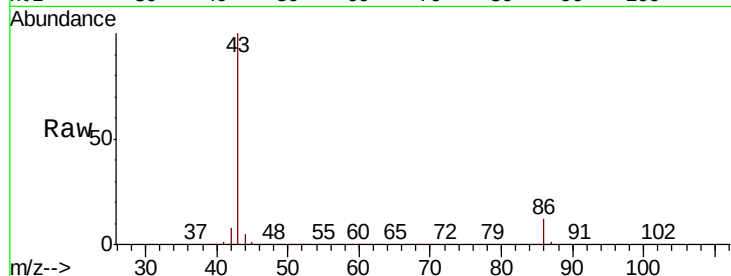
VSTDCCC050

Tot Ion: 43 Resp: 2930841

Ion Ratio Lower Upper

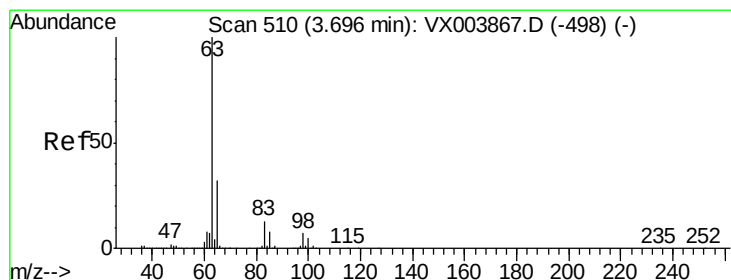
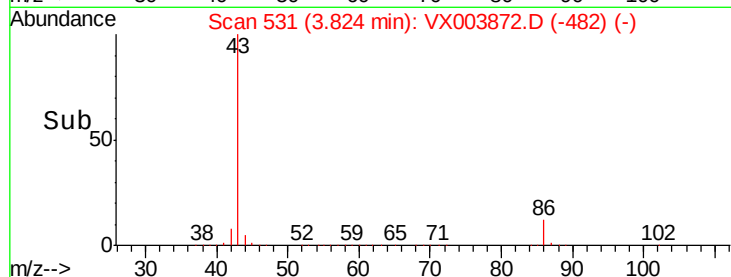
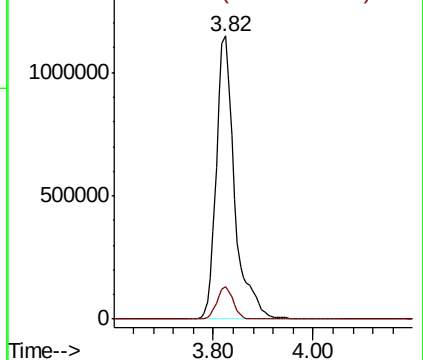
43 100

86 11.5 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 47.75 ug/l

RT: 3.69 min Scan# 509

Delta R.T. -0.01 min

Lab File: VX003872.D

Acq: 07 Aug 2018 10:24

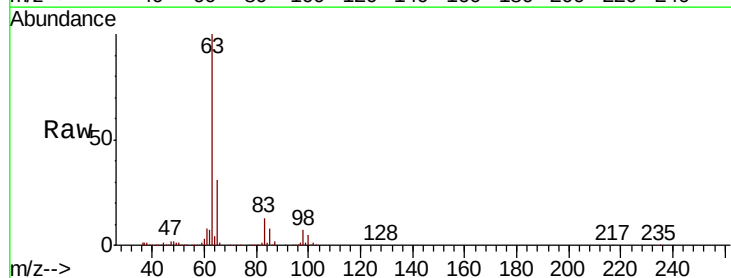
Tgt Ion: 63 Resp: 406632

Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.5

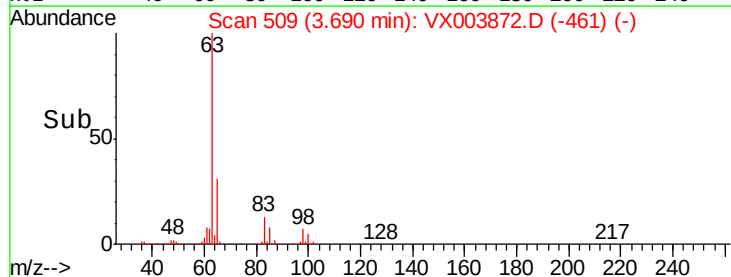
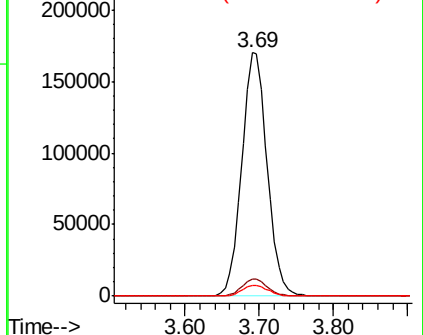
100 4.6 2.3 6.8

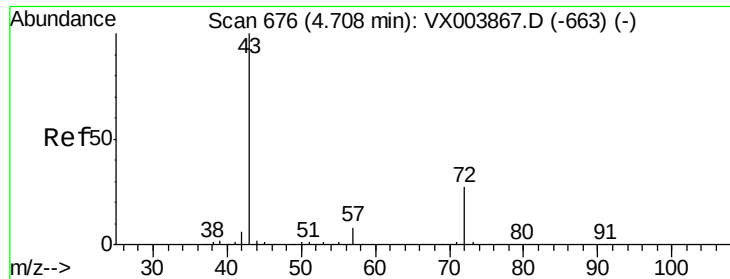


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 233.53 ug/l

RT: 4.70 min Scan# 675

Delta R.T. -0.01 min

Lab File: VX003872.D

Acq: 07 Aug 2018 10:24

Instrument :

MSVOA_X

ClientSampleId :

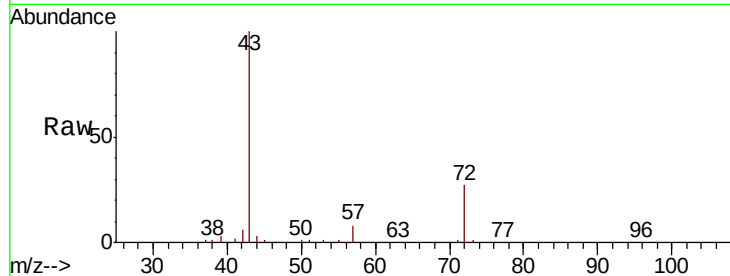
VSTDCCC050

Tot Ion: 43 Resp: 1043815

Ion Ratio Lower Upper

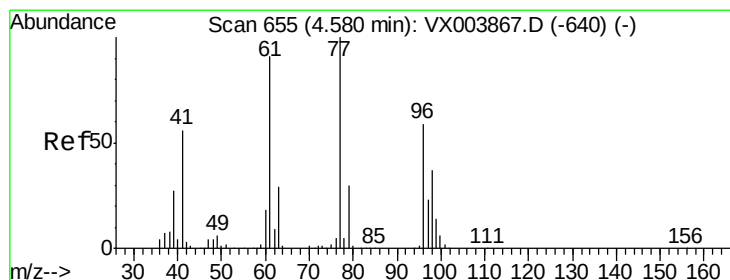
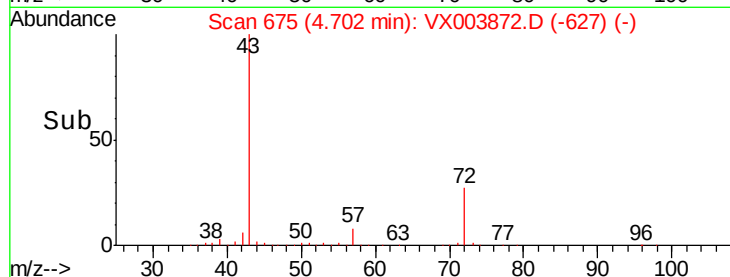
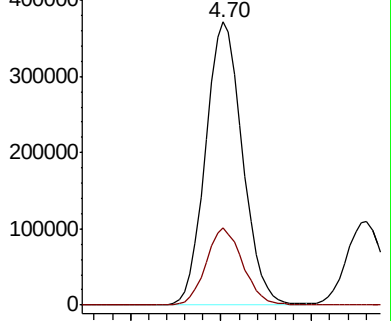
43 100

72 27.2 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 53.03 ug/l

RT: 4.58 min Scan# 655

Delta R.T. 0.00 min

Lab File: VX003872.D

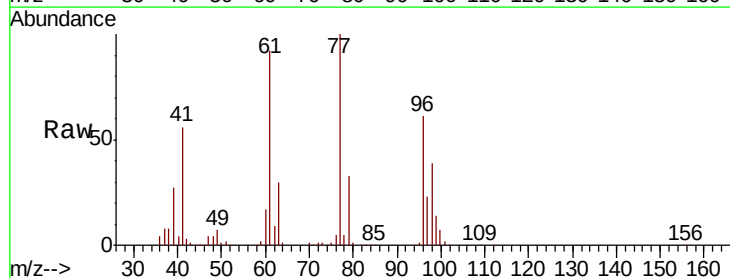
Acq: 07 Aug 2018 10:24

Tgt Ion: 77 Resp: 325677

Ion Ratio Lower Upper

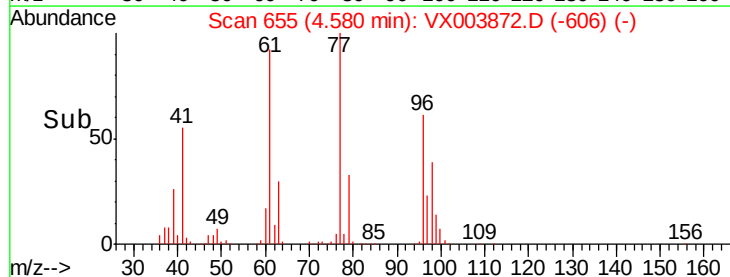
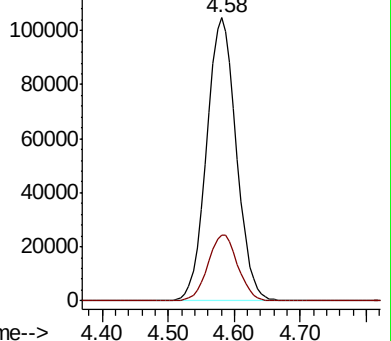
77 100

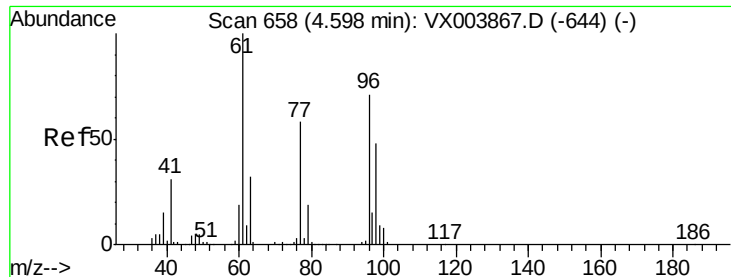
97 23.6 11.9 35.9



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: 48.45 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX003872.D

Acq: 07 Aug 2018 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

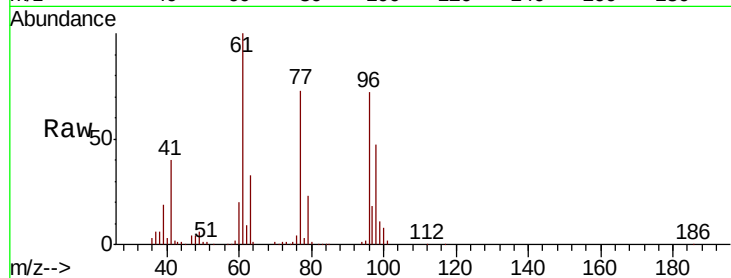
Tot Ion: 96 Resp: 241469

Ion Ratio Lower Upper

96 100

61 143.1 0.0 293.0

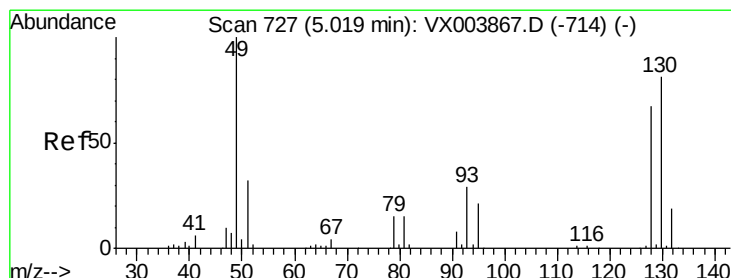
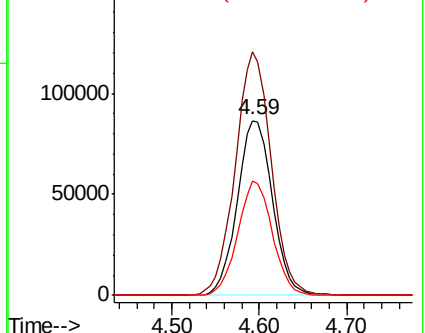
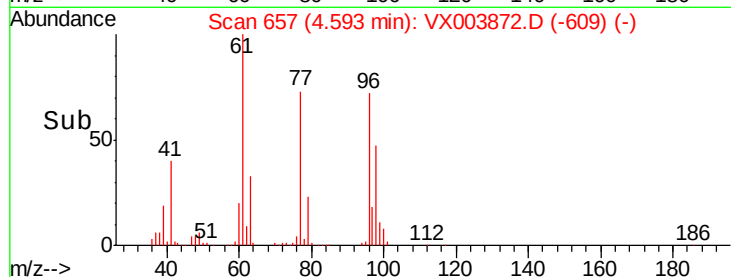
98 64.5 0.0 131.8



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 49.33 ug/l

RT: 5.01 min Scan# 726

Delta R.T. -0.01 min

Lab File: VX003872.D

Acq: 07 Aug 2018 10:24

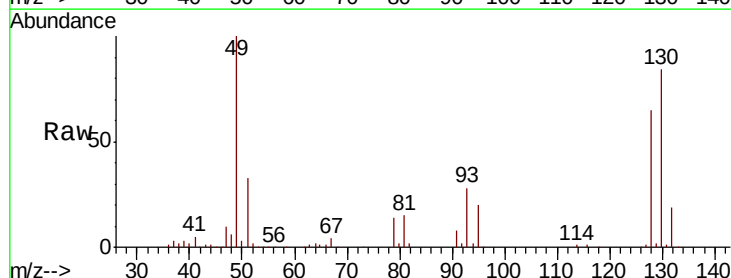
Tgt Ion: 49 Resp: 179789

Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.2

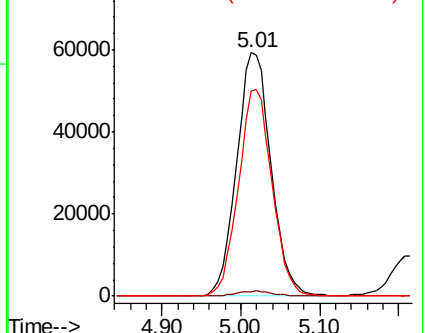
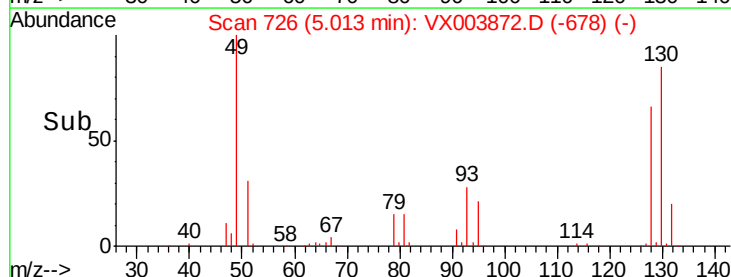
130 82.9 66.5 99.7

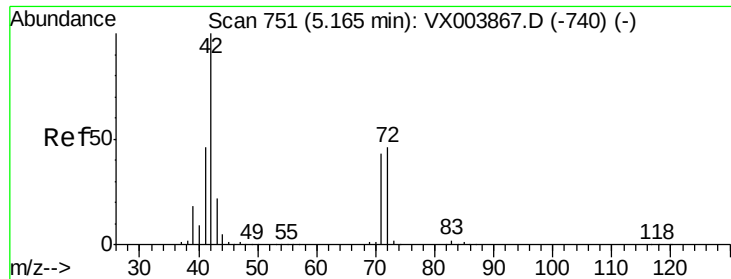


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

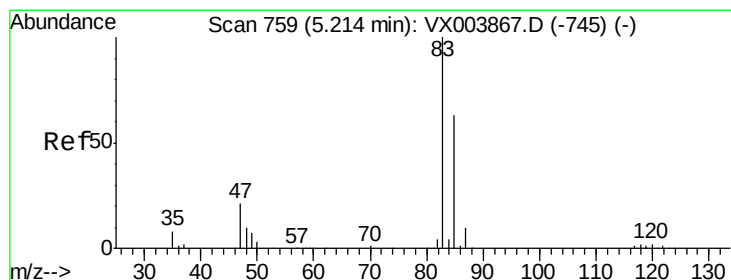
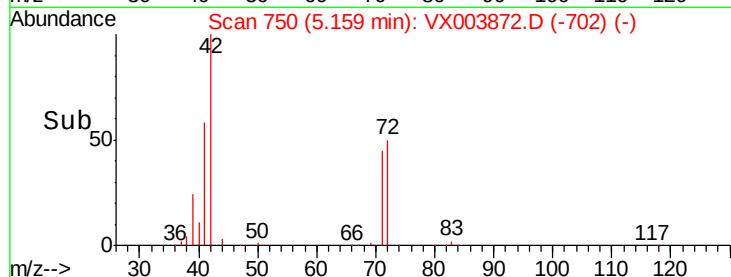
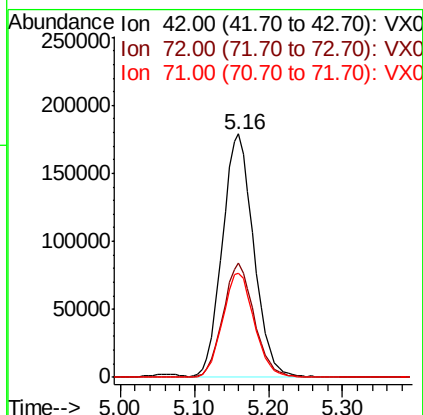
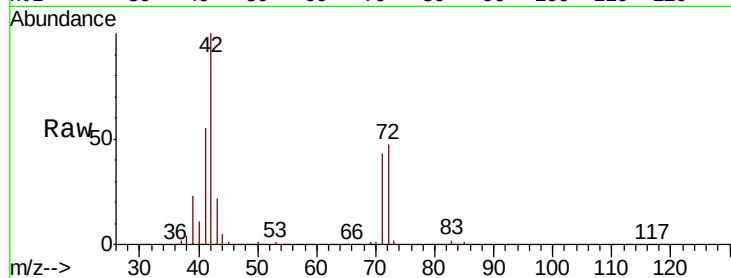




#29
Tetrahydrofuran
Concen: 228.56 ug/l
RT: 5.16 min Scan# 750
Delta R.T. -0.01 min
Lab File: VX003872.D
Acq: 07 Aug 2018 10:24

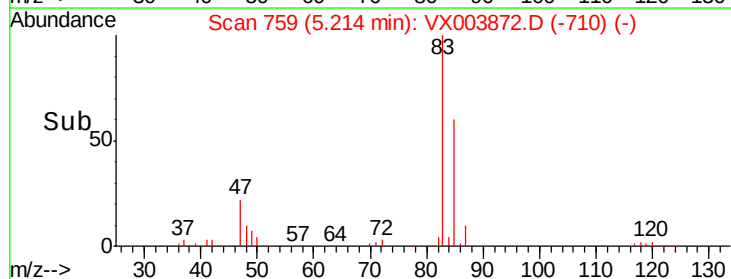
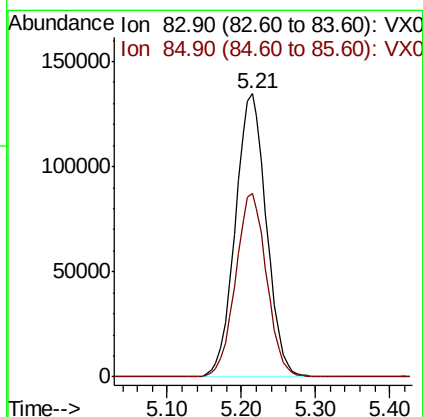
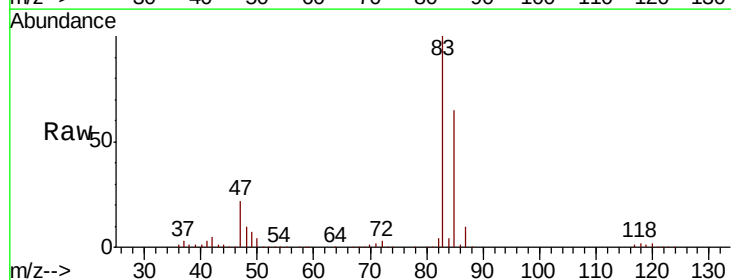
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

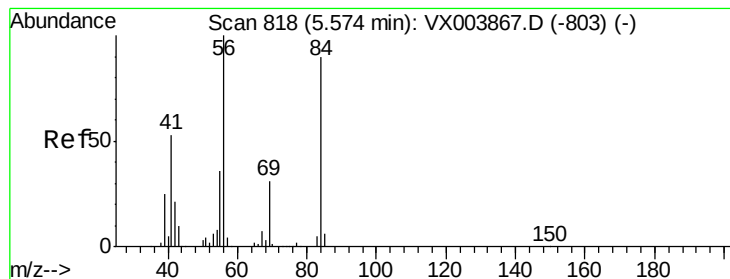
Tot Ion: 42 Resp: 525093
Ion Ratio Lower Upper
42 100
72 46.8 37.7 56.5
71 43.2 35.0 52.6



#30
Chloroform
Concen: 49.11 ug/l
RT: 5.21 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX003872.D
Acq: 07 Aug 2018 10:24

Tgt Ion: 83 Resp: 393731
Ion Ratio Lower Upper
83 100
85 65.0 50.7 76.1





#31

Cyclohexane

Concen: 50.29 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX003872.D

Acq: 07 Aug 2018 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

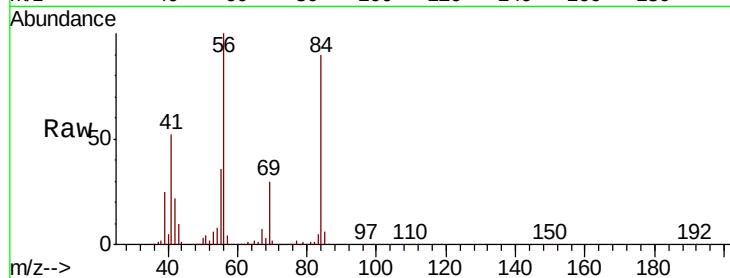
Tot Ion: 56 Resp: 362191

Ion Ratio Lower Upper

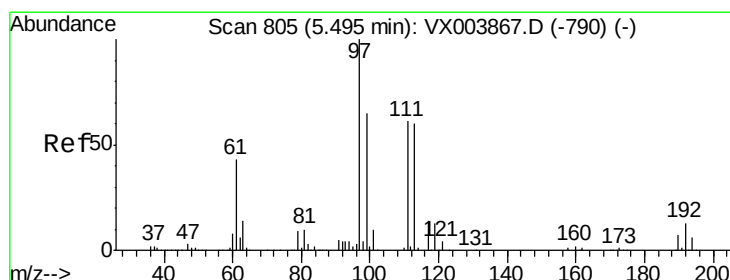
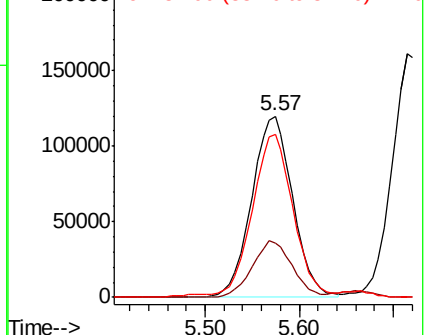
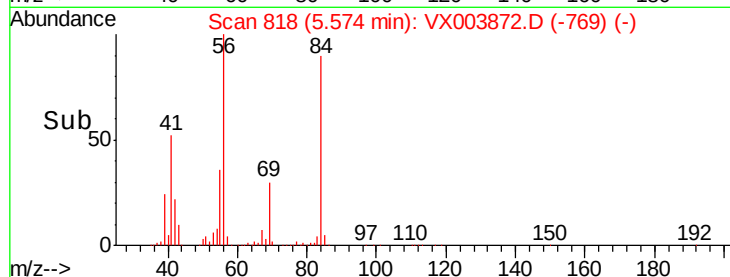
56 100

69 30.1 24.9 37.3

84 88.6 71.7 107.5



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: 50.41 ug/l

RT: 5.49 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX003872.D

Acq: 07 Aug 2018 10:24

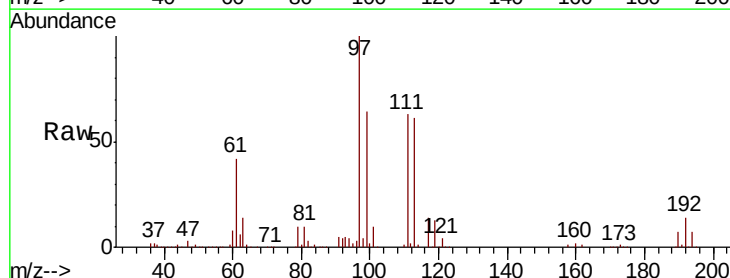
Tgt Ion: 97 Resp: 338951

Ion Ratio Lower Upper

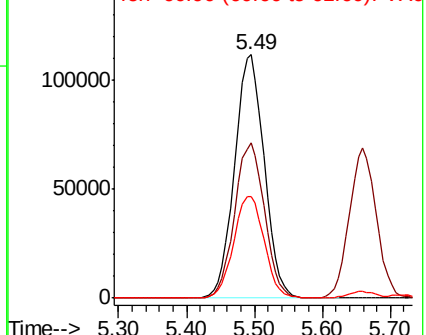
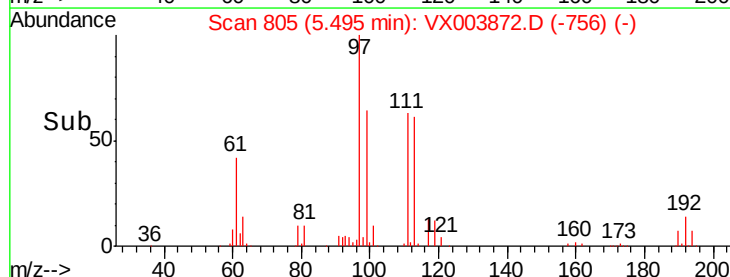
97 100

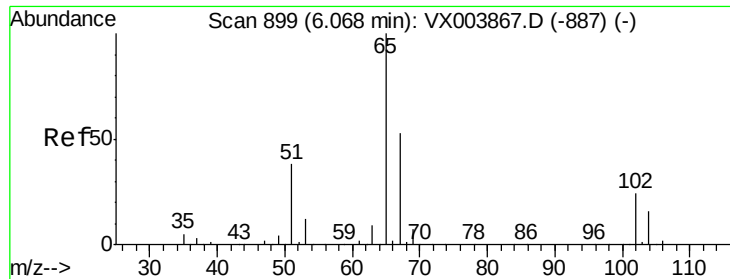
99 64.5 51.8 77.8

61 43.2 34.4 51.6



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

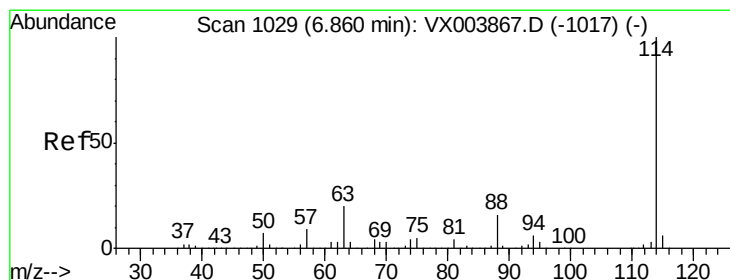
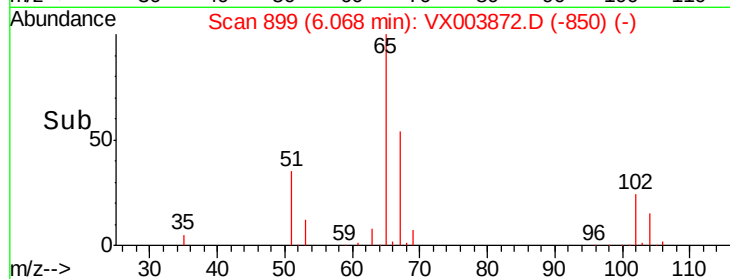
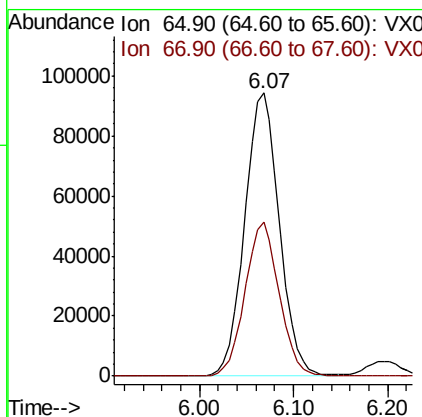
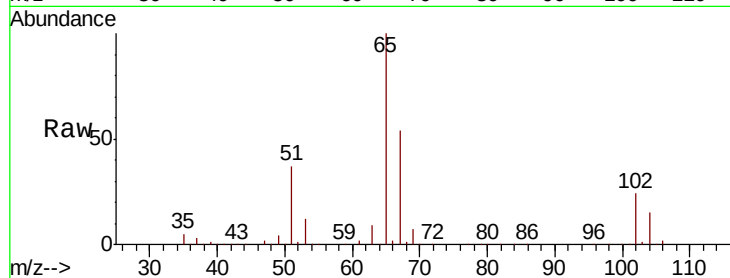




#33
 1,2-Dichloroethane-d4
 Concen: 48.70 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX003872.D
 Acq: 07 Aug 2018 10:24

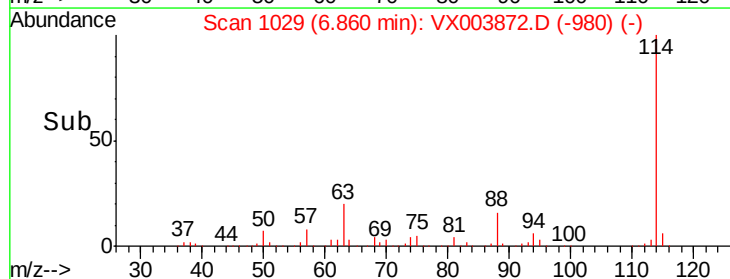
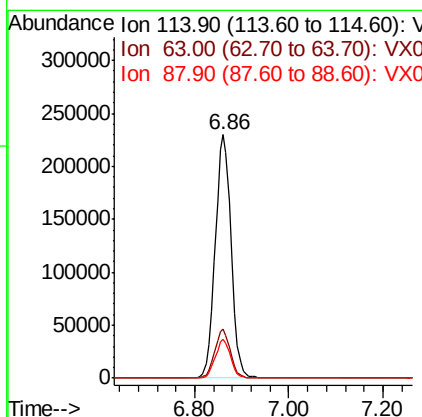
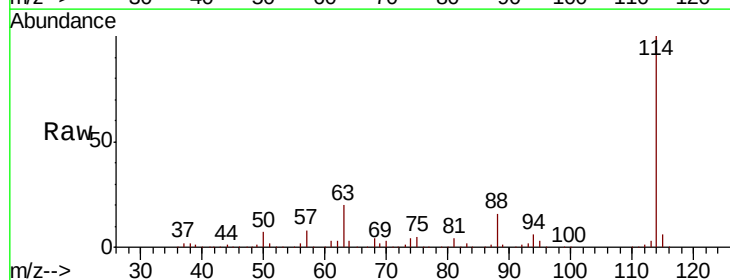
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

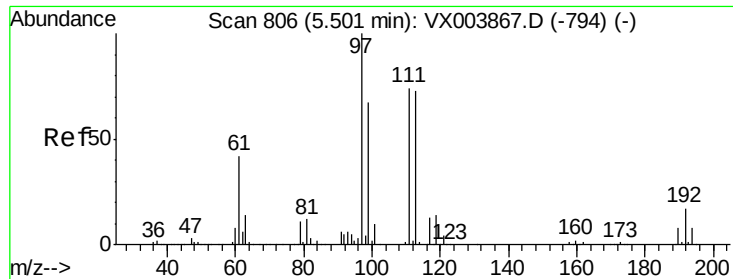
Tot Ion: 65 Resp: 243380
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: VX003872.D
 Acq: 07 Aug 2018 10:24

Tgt Ion: 114 Resp: 533402
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.0
 88 15.9 0.0 32.0

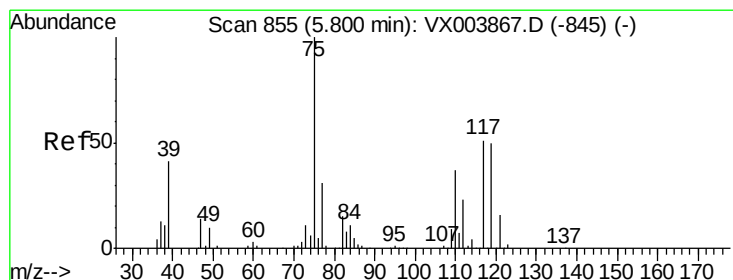
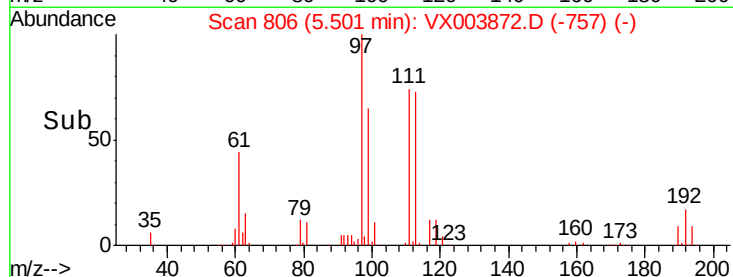
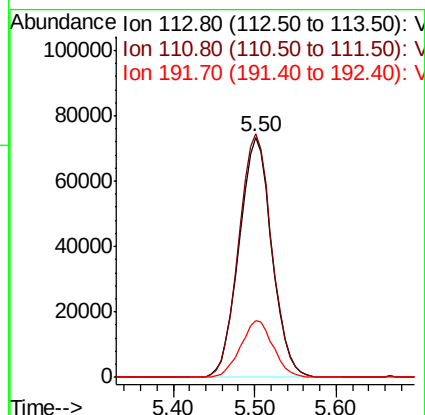
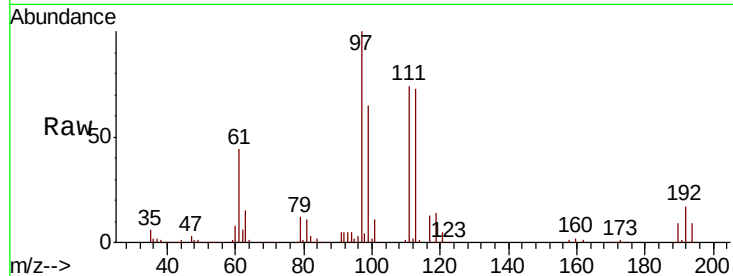




#35
 Dibromofluoromethane
 Concen: 50.41 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX003872.D
 Acq: 07 Aug 2018 10:24

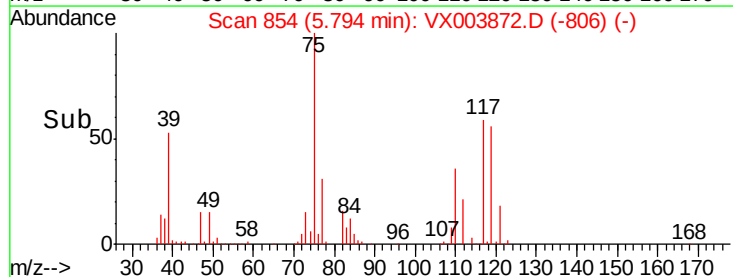
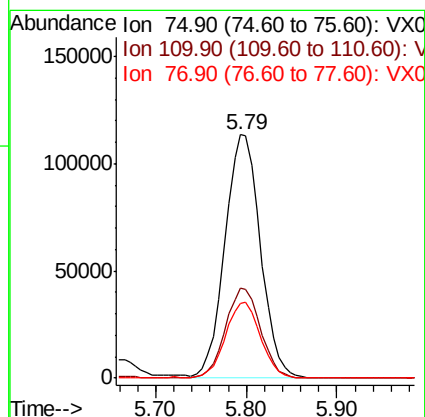
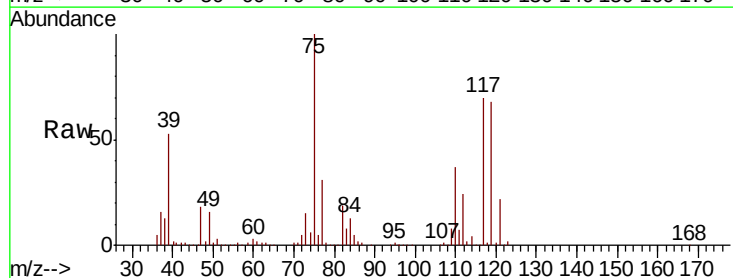
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

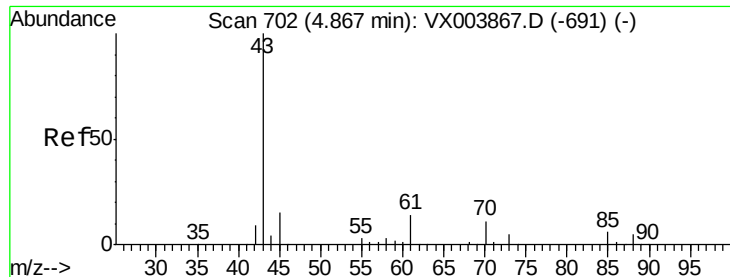
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.0	123.0
192	23.6	19.0	28.4



#36
 1,1-Dichloropropene
 Concen: 51.62 ug/l
 RT: 5.79 min Scan# 854
 Delta R.T. -0.01 min
 Lab File: VX003872.D
 Acq: 07 Aug 2018 10:24

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.6	18.2	54.6
77	30.9	25.0	37.4

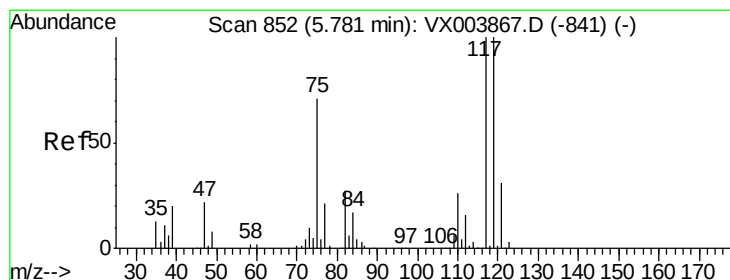
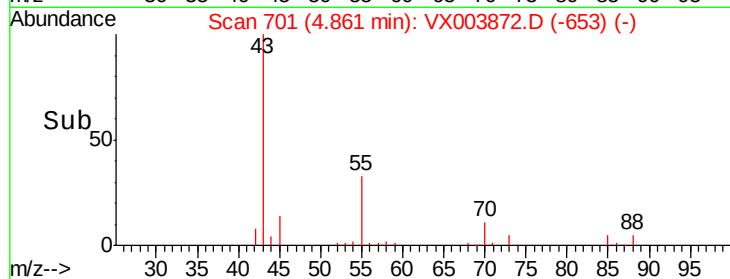
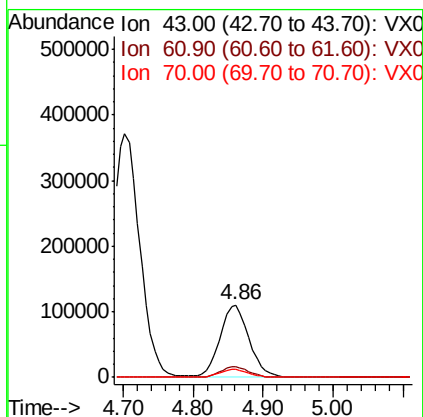
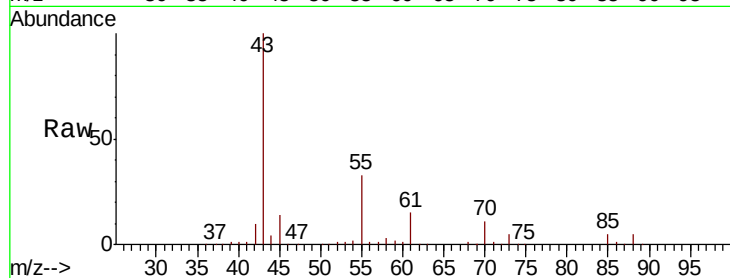




#37
Ethyl Acetate
Concen: 48.41 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.01 min
Lab File: VX003872.D
Acq: 07 Aug 2018 10:24

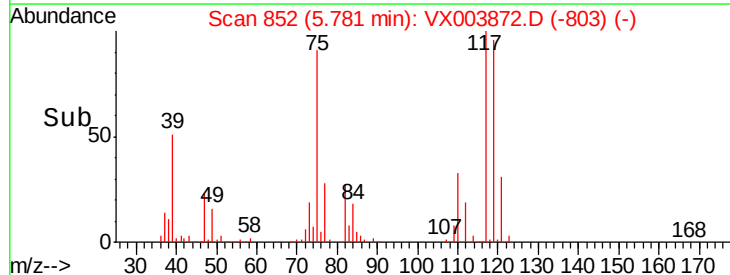
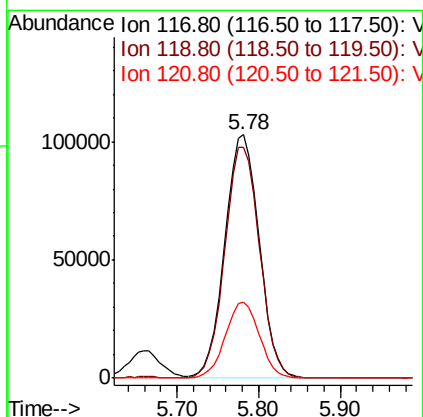
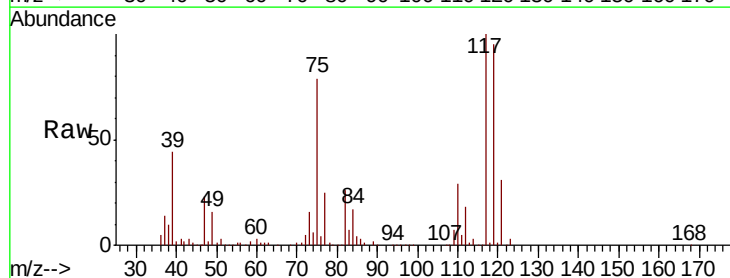
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

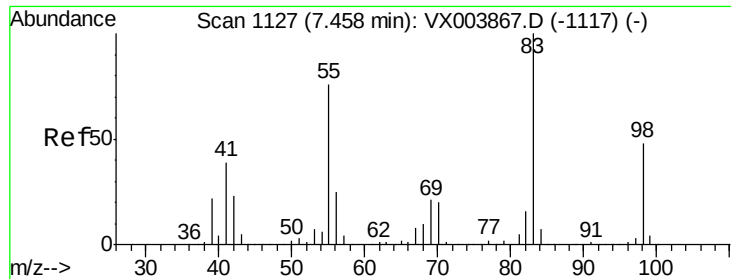
Tot Ion: 43 Resp: 318152
Ion Ratio Lower Upper
43 100
61 14.7 11.5 17.3
70 11.3 9.0 13.4



#38
Carbon Tetrachloride
Concen: 52.58 ug/l
RT: 5.78 min Scan# 852
Delta R.T. 0.00 min
Lab File: VX003872.D
Acq: 07 Aug 2018 10:24

Tgt Ion: 117 Resp: 298995
Ion Ratio Lower Upper
117 100
119 94.8 79.5 119.3
121 31.0 25.0 37.4

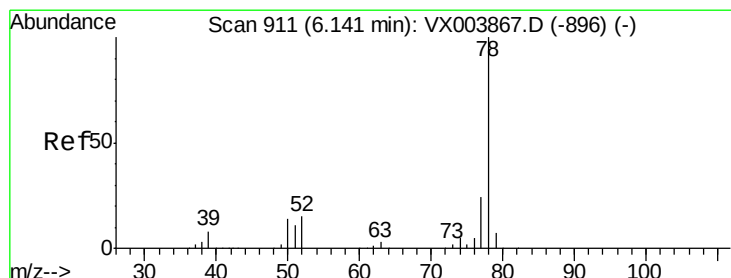
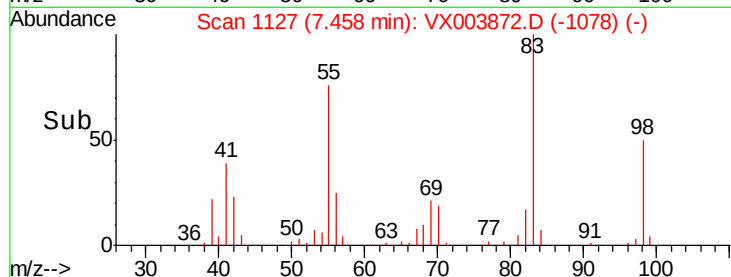
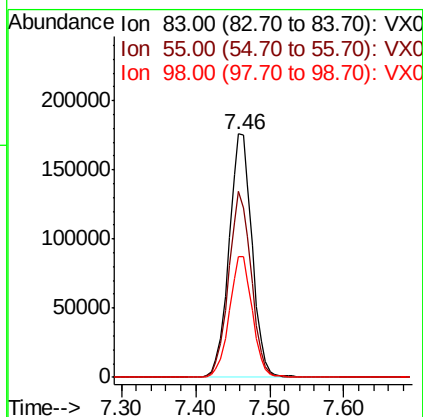
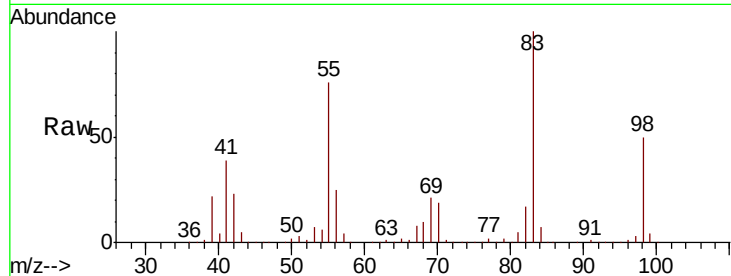




#39
Methylvlcyclohexane
Concen: 54.04 ug/l
RT: 7.46 min Scan# 1127
Delta R.T. 0.00 min
Lab File: VX003872.D
Acq: 07 Aug 2018 10:24

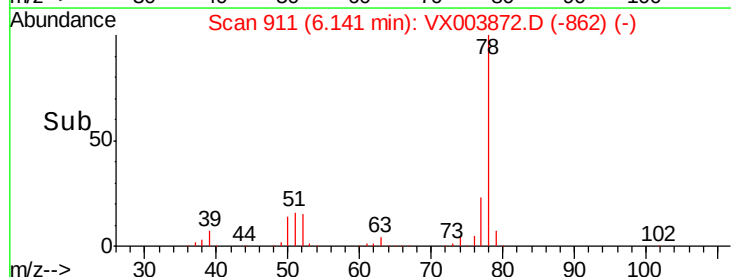
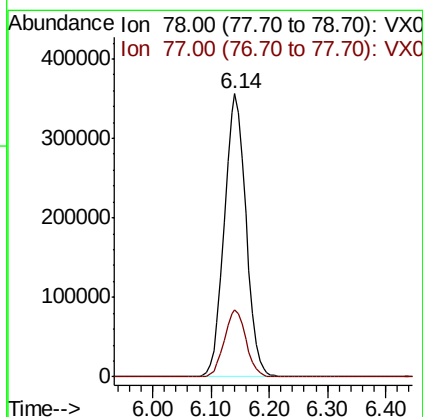
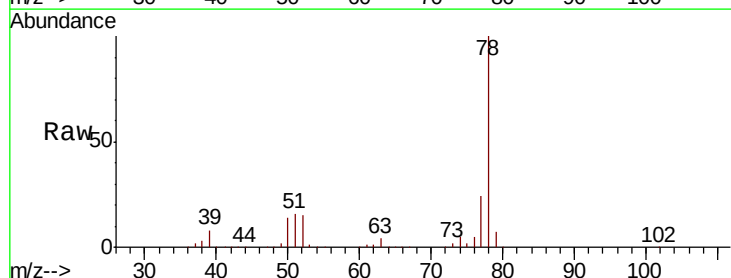
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

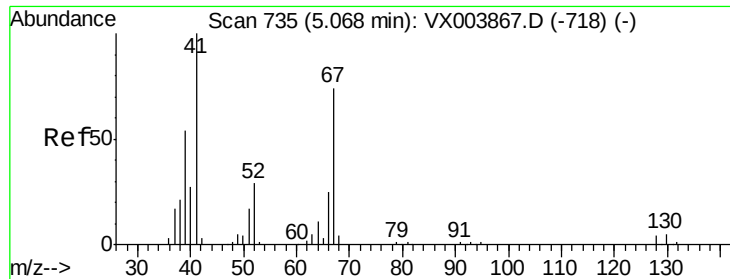
Tot Ion	83.00	Resp	380624
Ion	Ratio	Lower	Upper
83	100		
55	76.4	61.0	91.6
98	49.8	38.6	57.8



#40
Benzene
Concen: 51.29 ug/l
RT: 6.14 min Scan# 911
Delta R.T. 0.00 min
Lab File: VX003872.D
Acq: 07 Aug 2018 10:24

Tgt Ion	78	Resp	920043
Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.0	28.4

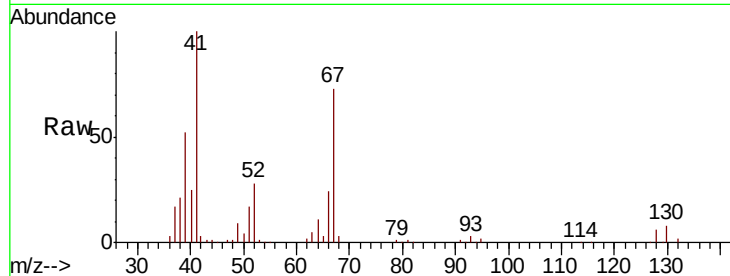




#41
Methacrylonitrile
Concen: 48.90 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX003872.D
Acq: 07 Aug 2018 10:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	176994
Ion	Ratio	Lower	Upper
41	100		
39	53.2	42.7	64.1
67	74.1	58.9	88.3
52	28.4	22.6	33.8



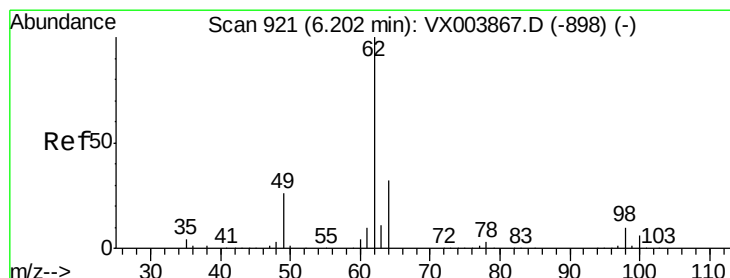
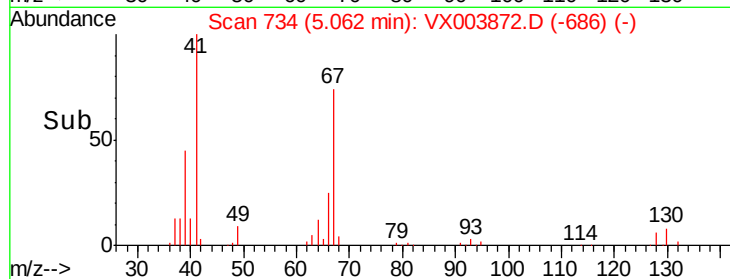
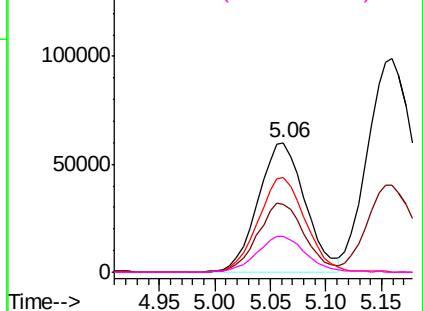
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

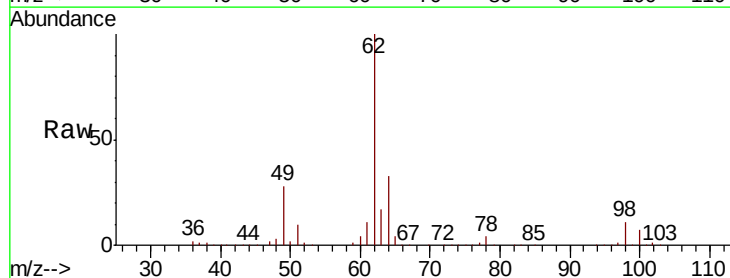
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 51.10 ug/l
RT: 6.20 min Scan# 920
Delta R.T. -0.01 min
Lab File: VX003872.D
Acq: 07 Aug 2018 10:24

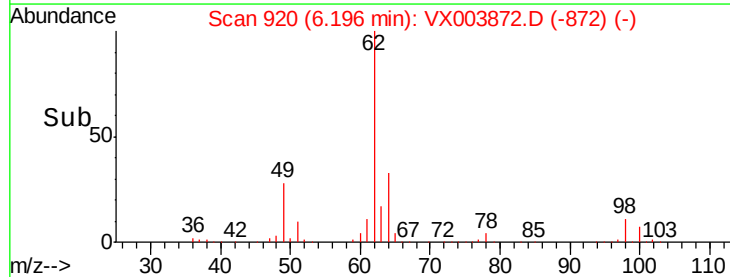
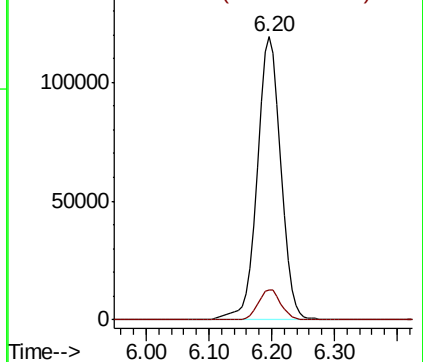
Tgt Ion:	62	Resp:	309958
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	20.4

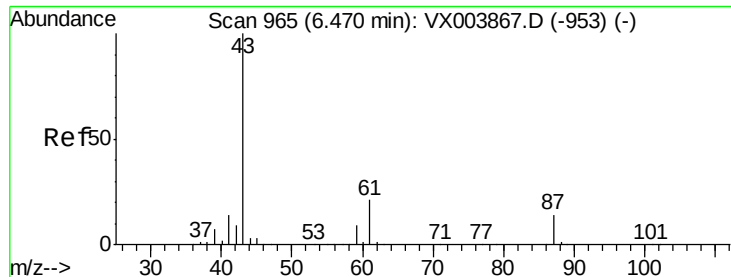


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 50.62 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX003872.D

Acq: 07 Aug 2018 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

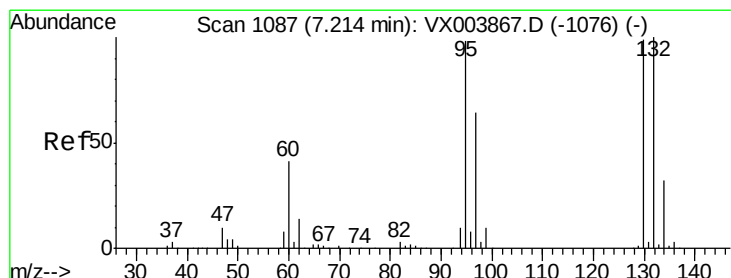
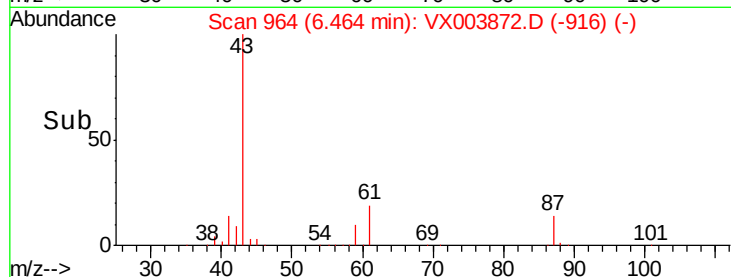
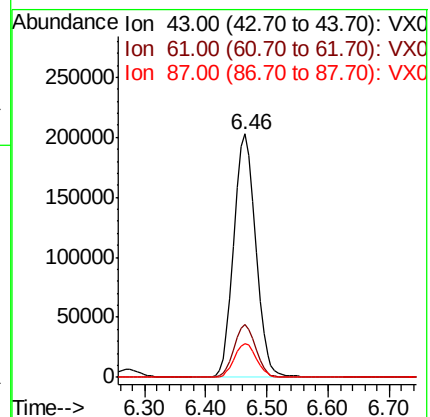
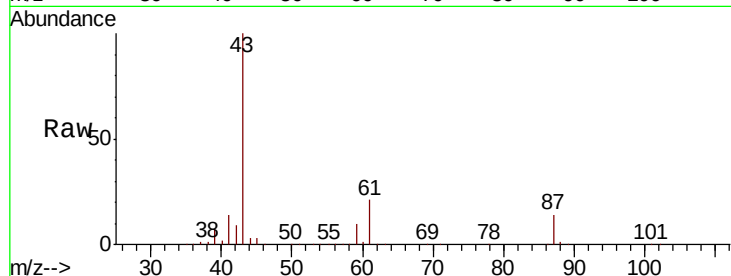
Tot Ion: 43 Resp: 500581

Ion Ratio Lower Upper

43 100

61 21.4 16.9 25.3

87 14.1 11.3 16.9



#44

Trichloroethene

Concen: 50.52 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX003872.D

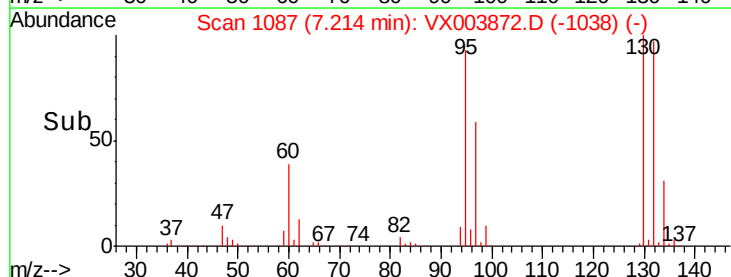
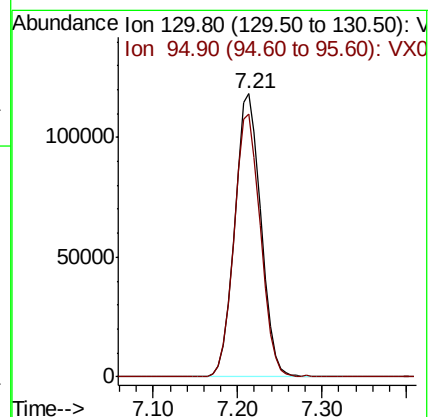
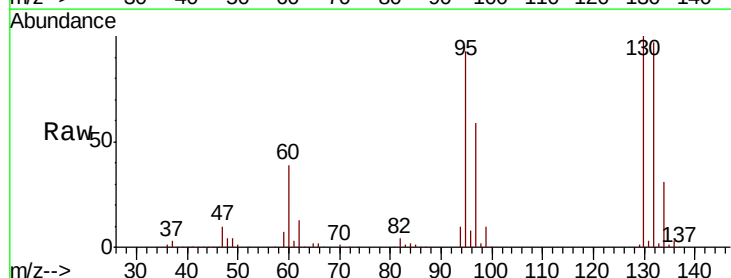
Acq: 07 Aug 2018 10:24

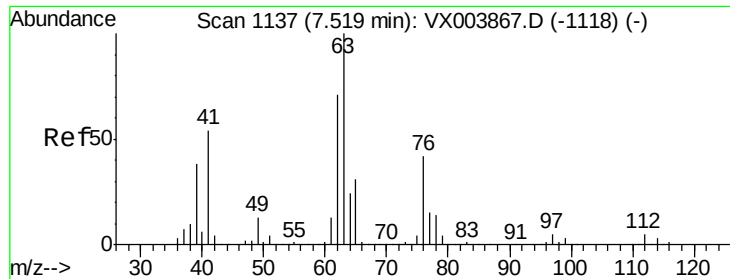
Tgt Ion:130 Resp: 247841

Ion Ratio Lower Upper

130 100

95 92.9 0.0 199.4

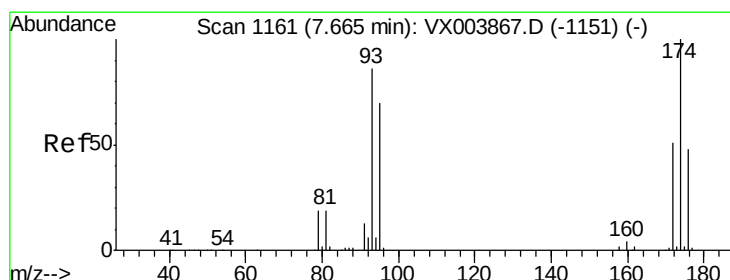
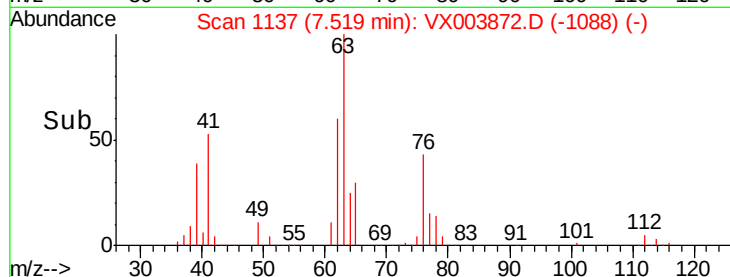
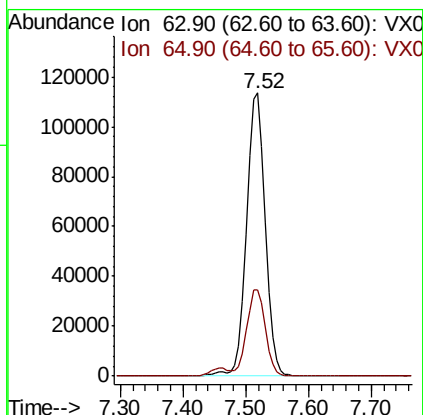
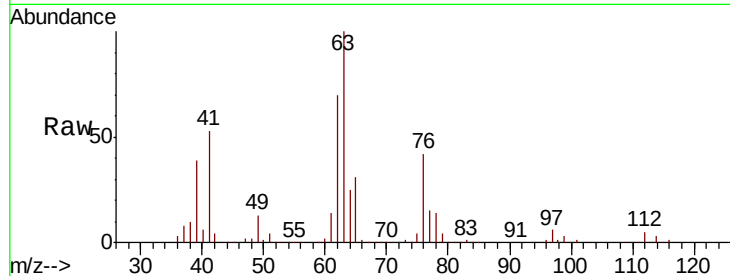




#45
 1,2-Dichloropropane
 Concen: 50.64 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX003872.D
 Acq: 07 Aug 2018 10:24

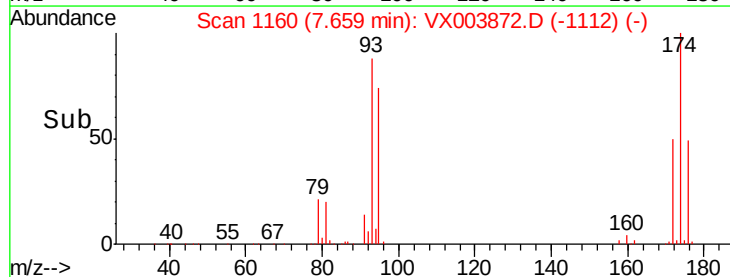
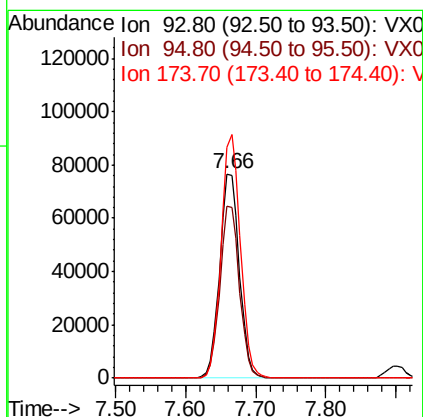
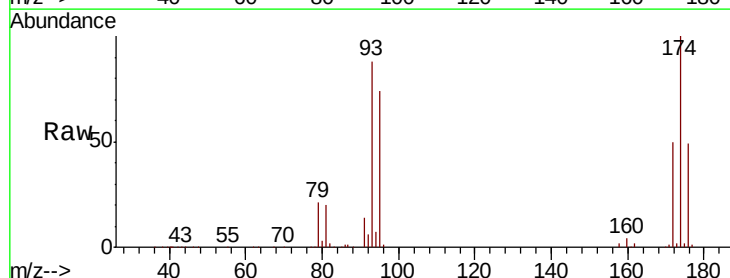
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

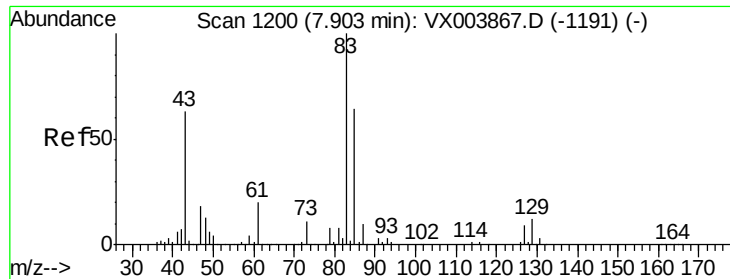
Tot Ion: 63 Resp: 234593
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.6 36.8



#46
 Dibromomethane
 Concen: 49.86 ug/l
 RT: 7.66 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: VX003872.D
 Acq: 07 Aug 2018 10:24

Tgt Ion: 93 Resp: 149965
 Ion Ratio Lower Upper
 93 100
 95 83.7 66.4 99.6
 174 116.9 94.3 141.5





#47

Bromodichloromethane

Concen: 51.96 ug/l

RT: 7.90 min Scan# 1199

Delta R.T. -0.01 min

Lab File: VX003872.D

Acq: 07 Aug 2018 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

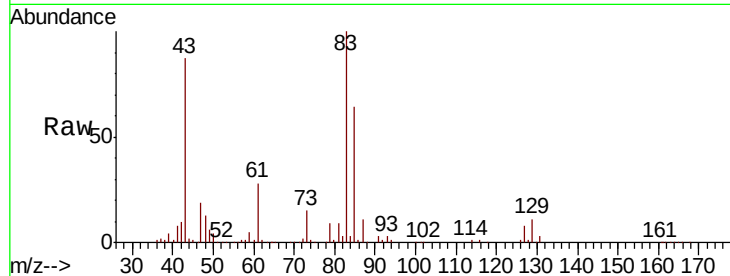
Tot Ion: 83 Resp: 294383

Ion Ratio Lower Upper

83 100

85 64.2 51.2 76.8

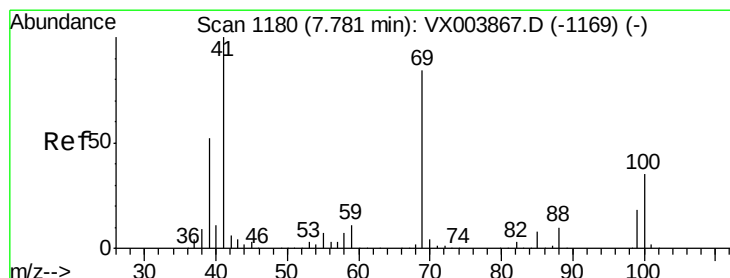
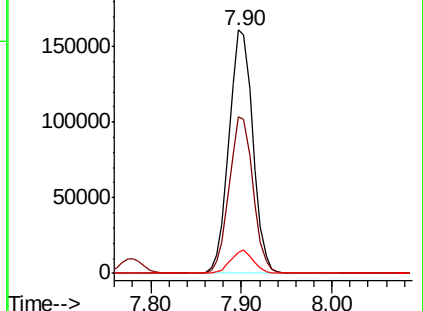
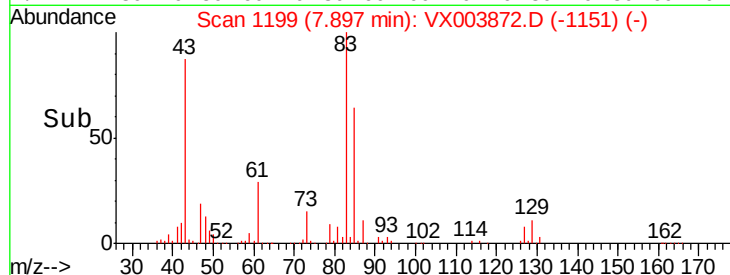
127 8.4 7.2 10.8



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: 51.64 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX003872.D

Acq: 07 Aug 2018 10:24

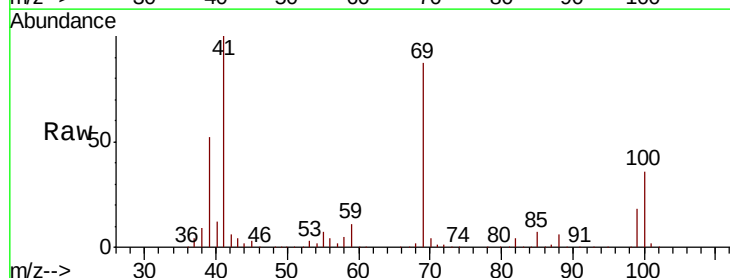
Tgt Ion: 41 Resp: 259605

Ion Ratio Lower Upper

41 100

69 85.9 68.8 103.2

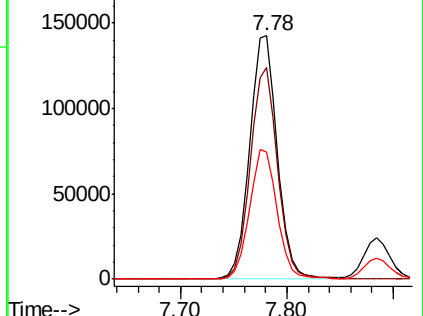
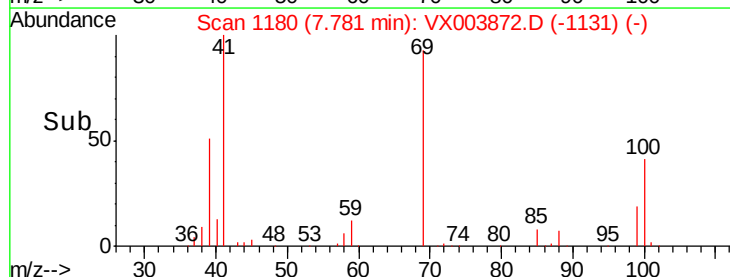
39 52.9 42.3 63.5

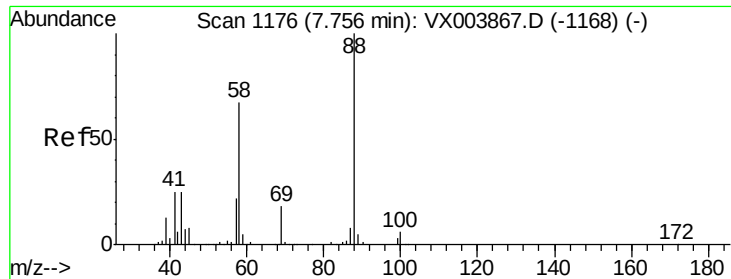


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 987.45 ug/l

RT: 7.76 min Scan# 1176

Delta R.T. 0.00 min

Lab File: VX003872.D

Acq: 07 Aug 2018 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

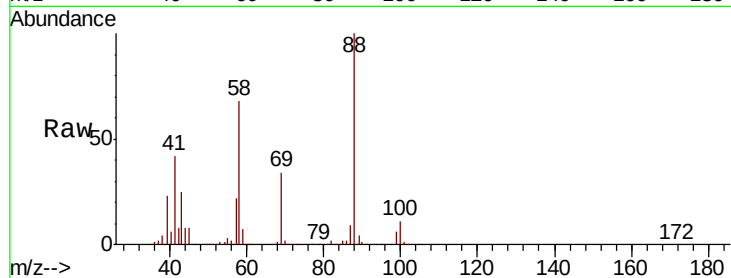
Tot Ion: 88 Resp: 116936

Ion Ratio Lower Upper

88 100

43 30.0 23.8 35.8

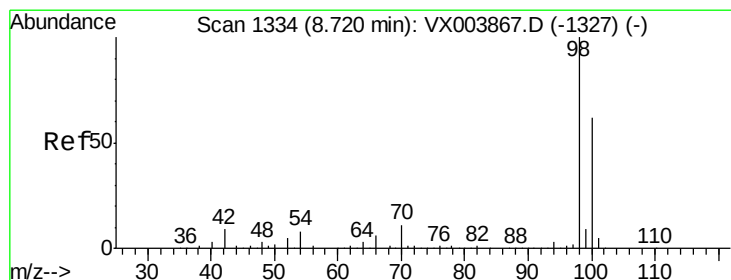
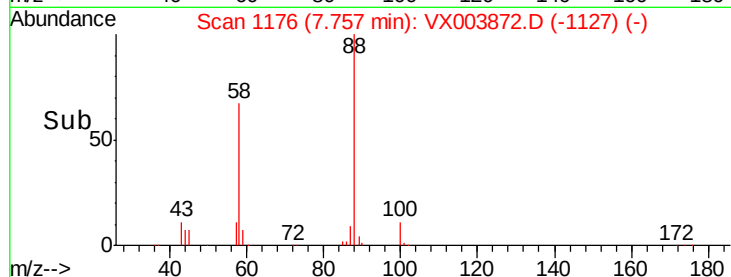
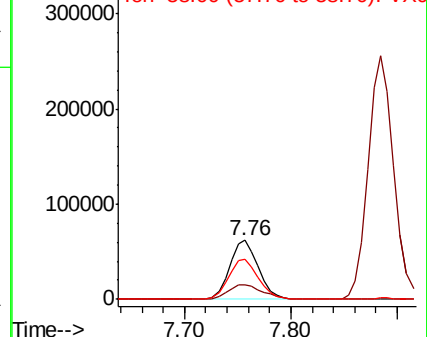
58 70.5 55.4 83.0



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 51.16 ug/l

RT: 8.71 min Scan# 1333

Delta R.T. -0.01 min

Lab File: VX003872.D

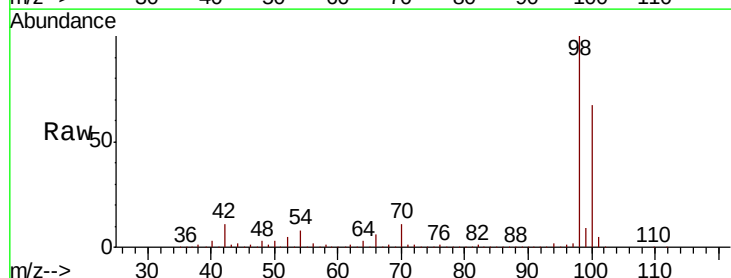
Acq: 07 Aug 2018 10:24

Tgt Ion: 98 Resp: 803960

Ion Ratio Lower Upper

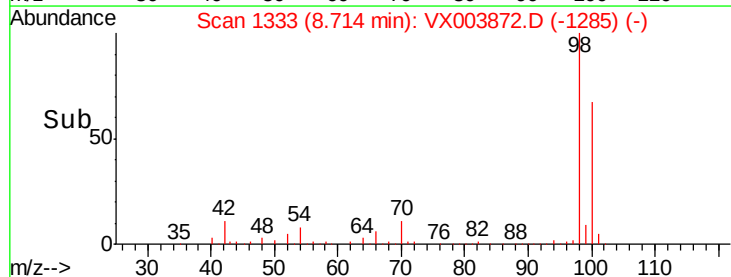
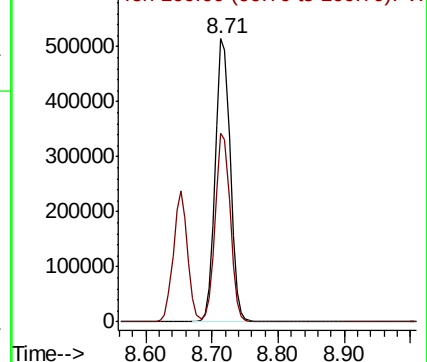
98 100

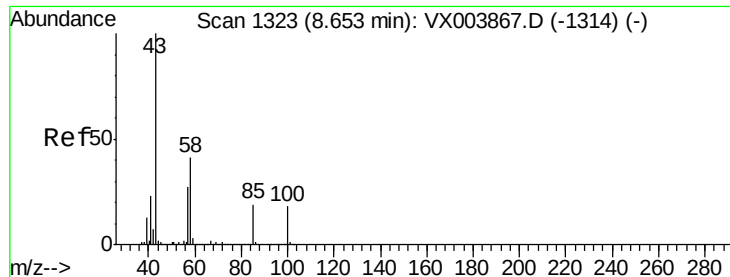
100 66.7 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

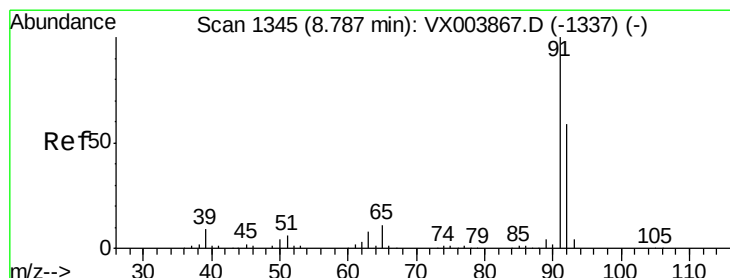
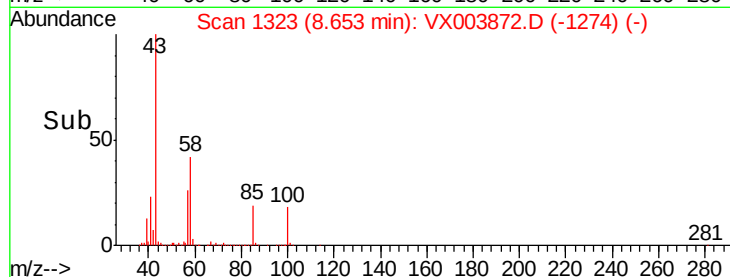
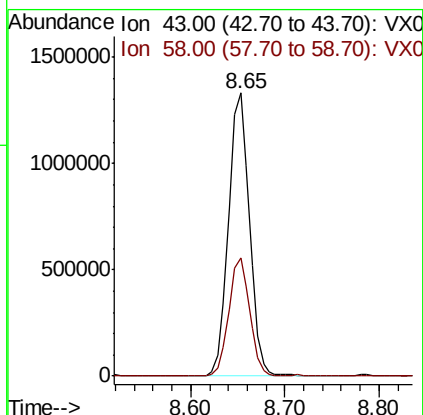
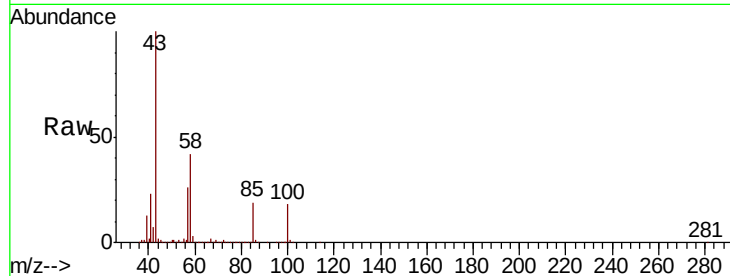




#51
 4-Methyl-2-Pentanone
 Concen: 252.02 ug/l
 RT: 8.65 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: VX003872.D
 Acq: 07 Aug 2018 10:24

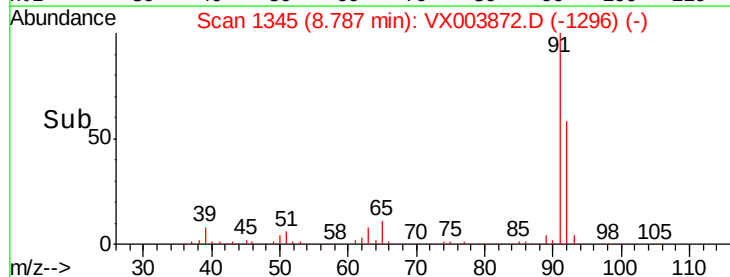
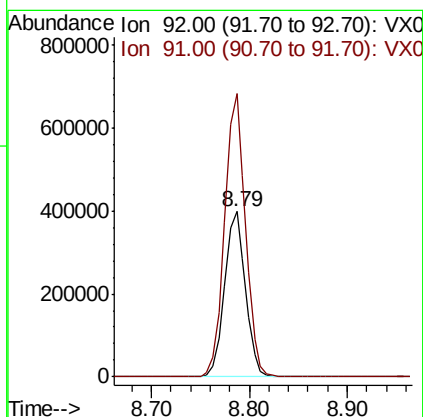
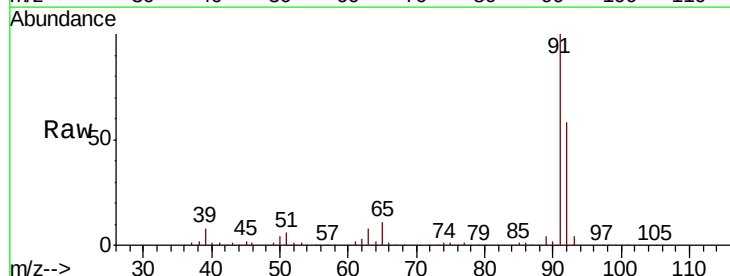
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

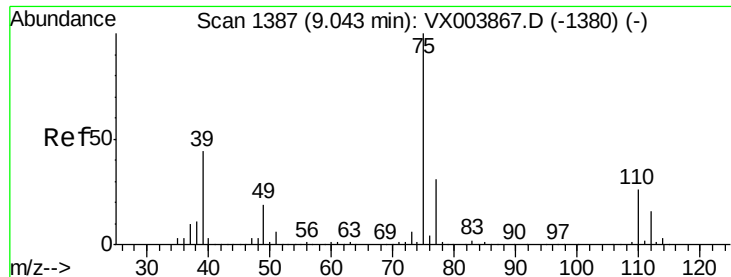
Tot Ion: 43 Resp: 2065843
 Ion Ratio Lower Upper
 43 100
 58 41.5 33.0 49.6



#52
 Toluene
 Concen: 52.01 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. 0.00 min
 Lab File: VX003872.D
 Acq: 07 Aug 2018 10:24

Tgt Ion: 92 Resp: 589552
 Ion Ratio Lower Upper
 92 100
 91 171.0 136.1 204.1

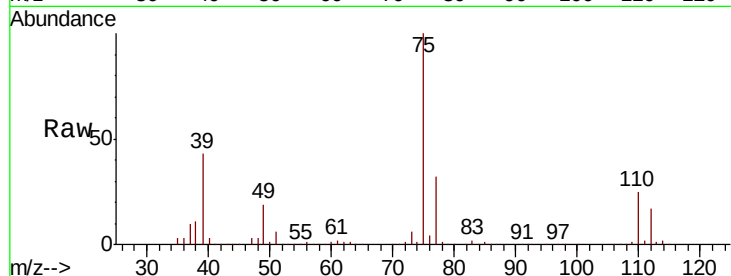




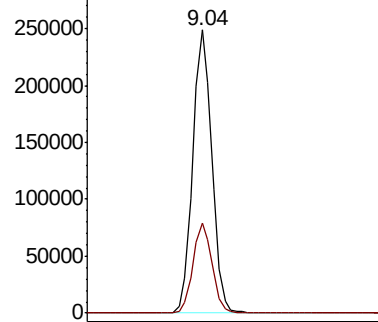
#53
 t-1,3-Dichloropropene
 Concen: 54.57 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: VX003872.D
 Acq: 07 Aug 2018 10:24

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

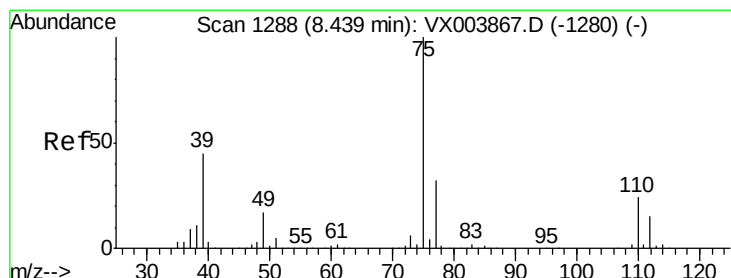
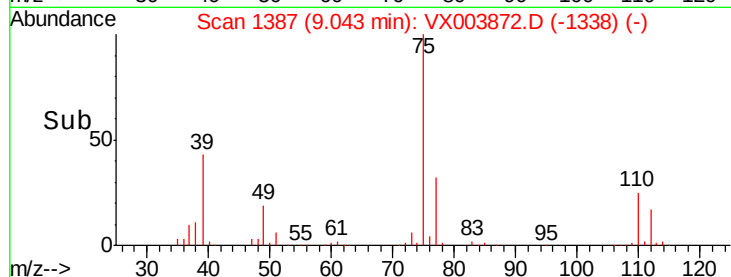
Tot Ion: 75 Resp: 349480
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 76.90 (76.60 to 77.60): VX0

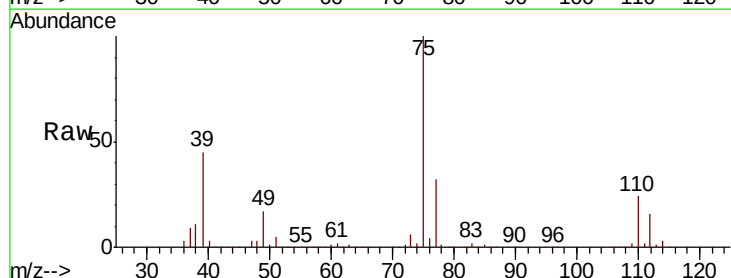


Time-->

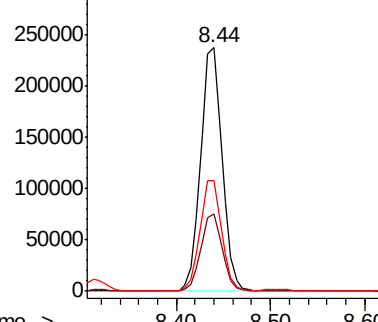


#54
 cis-1,3-Dichloropropene
 Concen: 54.42 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: VX003872.D
 Acq: 07 Aug 2018 10:24

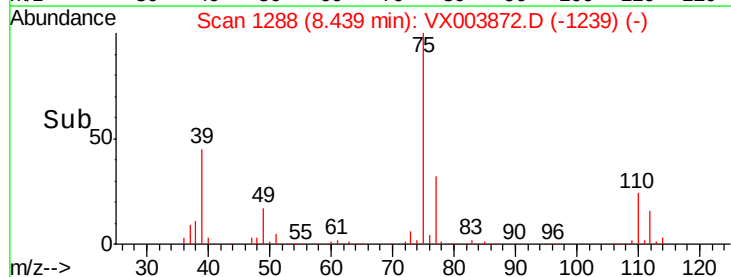
Tgt Ion: 75 Resp: 375784
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.3 37.9
 39 45.1 36.2 54.2

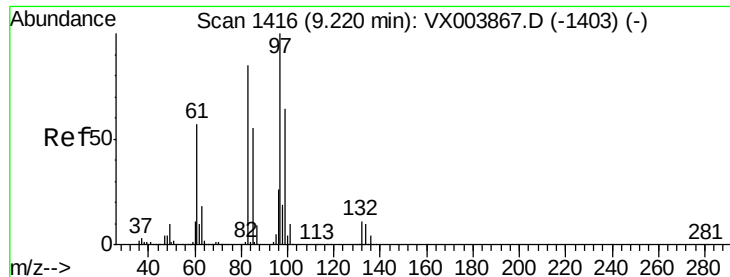


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 76.90 (76.60 to 77.60): VX0
 Ion 39.00 (38.70 to 39.70): VX0



Time-->

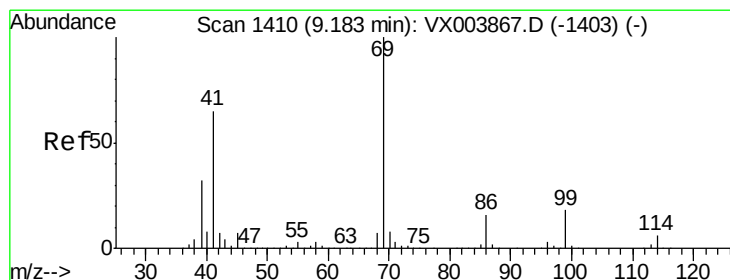
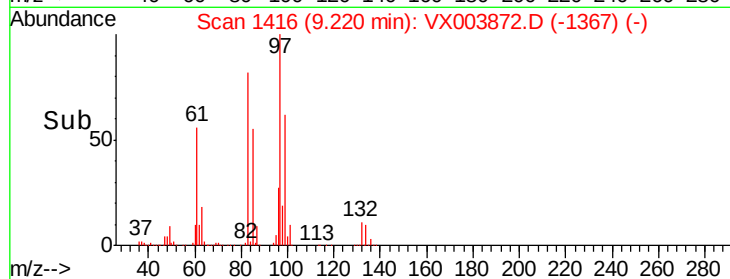
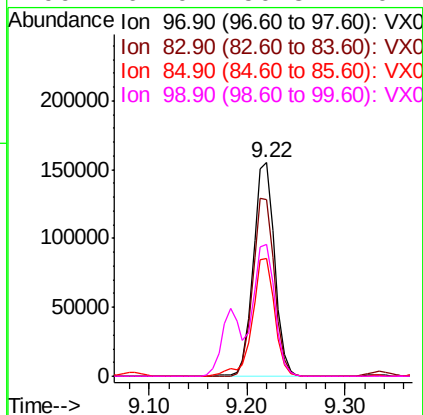
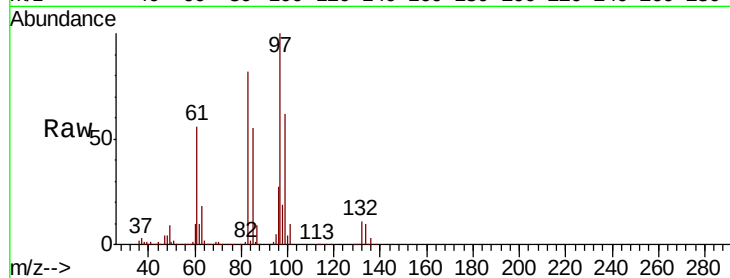




#55
 1,1,2-Trichloroethane
 Concen: 50.47 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003872.D
 Acq: 07 Aug 2018 10:24

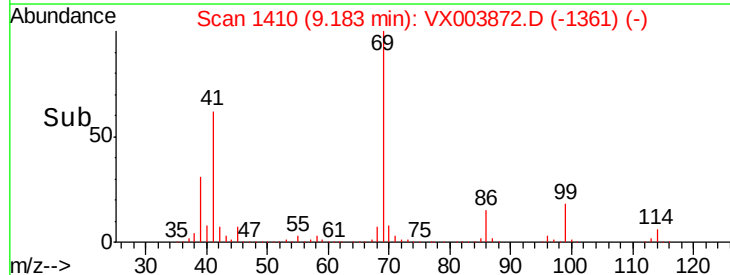
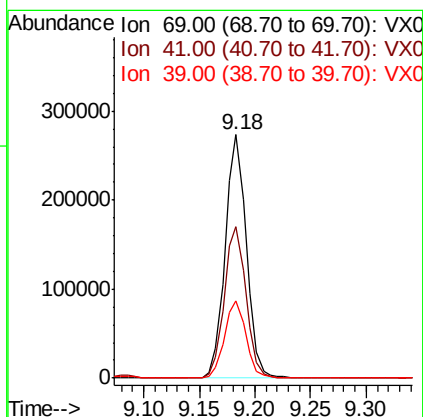
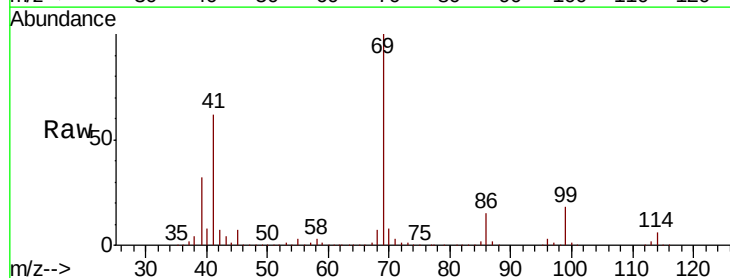
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

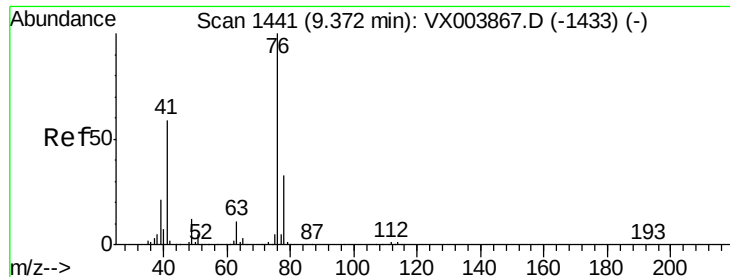
Tot Ion:	97	Resp:	233758
Ion	Ratio	Lower	Upper
97	100		
83	82.5	67.8	101.6
85	55.4	44.2	66.2
99	62.0	50.8	76.2



#56
 Ethyl methacrylate
 Concen: 53.62 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX003872.D
 Acq: 07 Aug 2018 10:24

Tgt Ion:	69	Resp:	360356
Ion	Ratio	Lower	Upper
69	100		
41	63.8	50.6	76.0
39	31.9	25.8	38.6

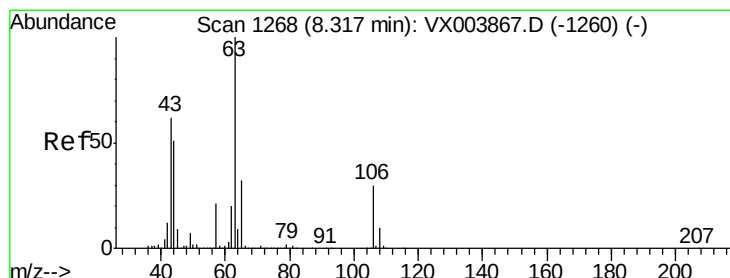
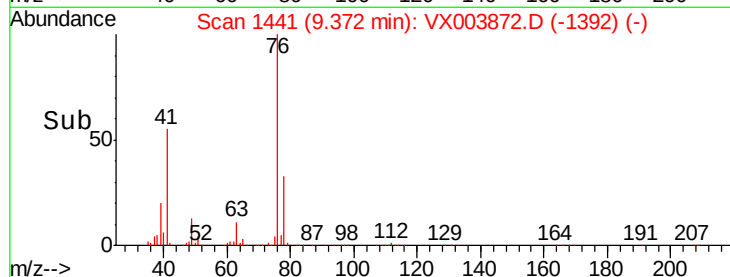
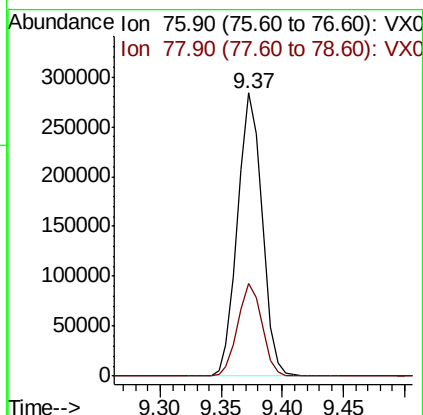
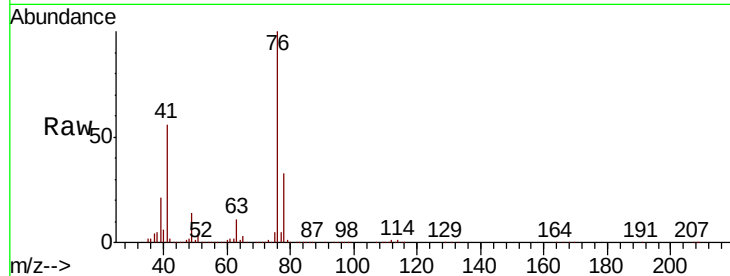




#57
 1,3-Dichloropropane
 Concen: 50.96 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. 0.00 min
 Lab File: VX003872.D
 Acq: 07 Aug 2018 10:24

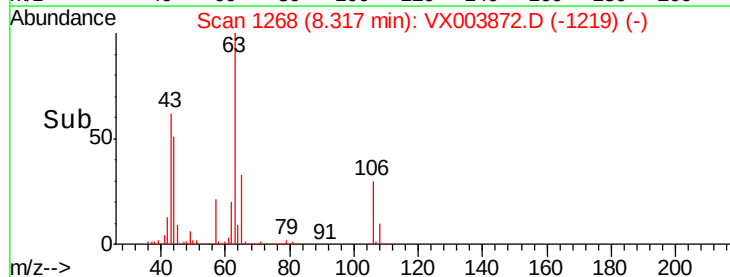
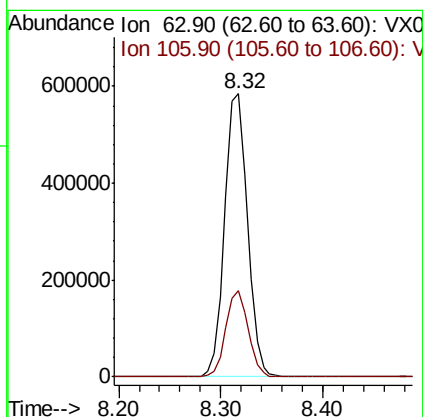
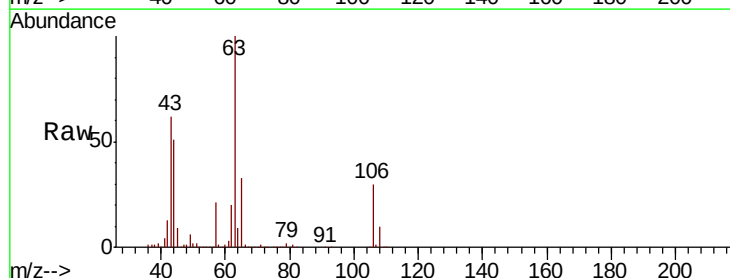
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

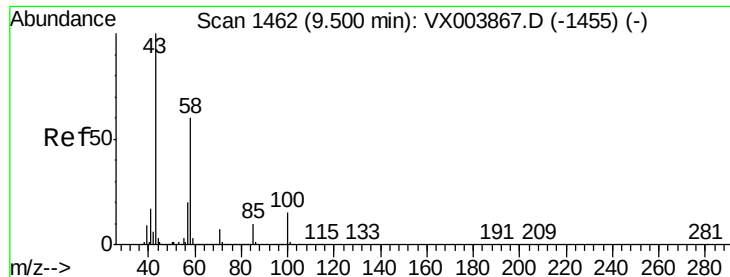
Tot Ion: 76 Resp: 395018
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 274.54 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX003872.D
 Acq: 07 Aug 2018 10:24

Tgt Ion: 63 Resp: 907236
 Ion Ratio Lower Upper
 63 100
 106 29.8 23.8 35.8

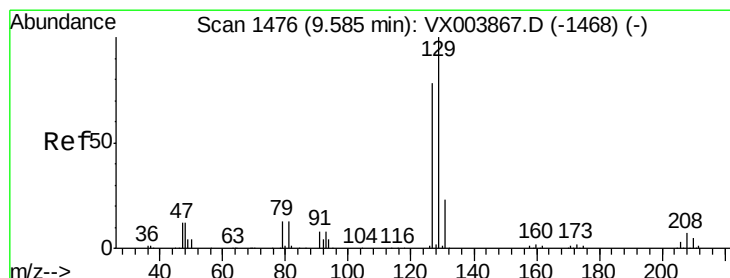
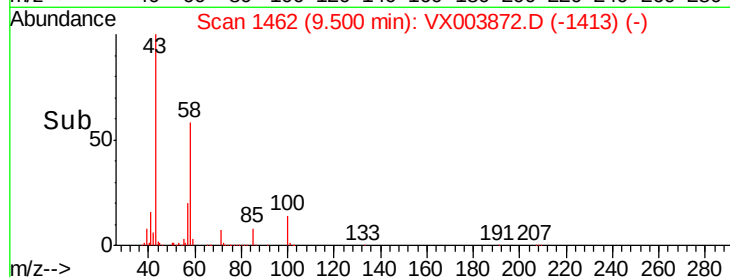
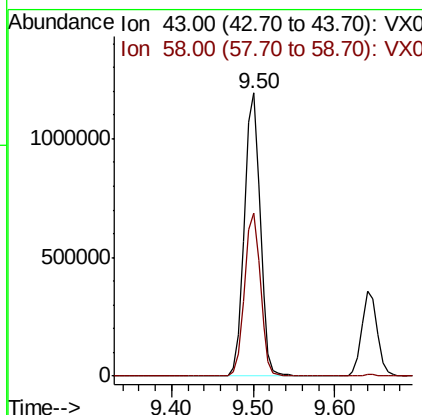
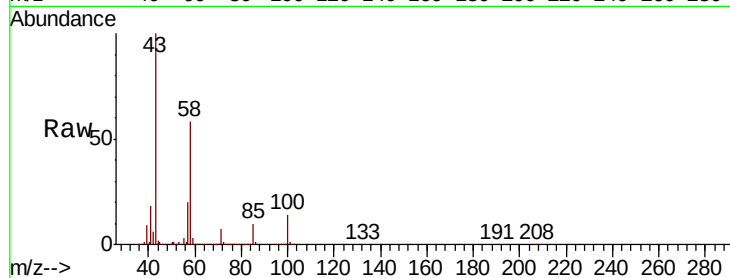




#59
2-Hexanone
Concen: 260.30 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003872.D
Acq: 07 Aug 2018 10:24

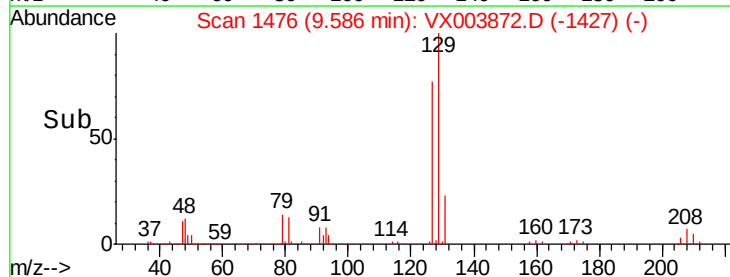
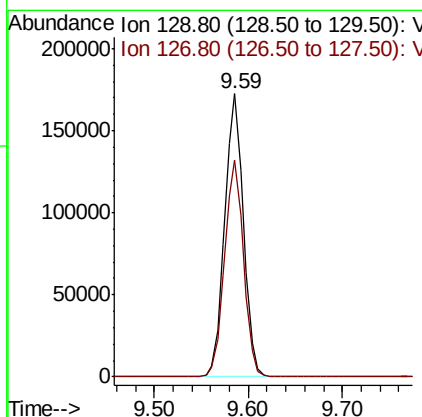
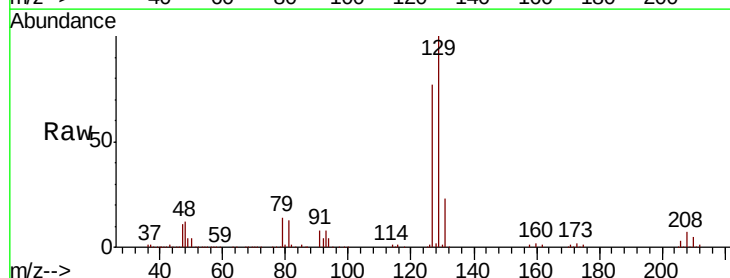
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

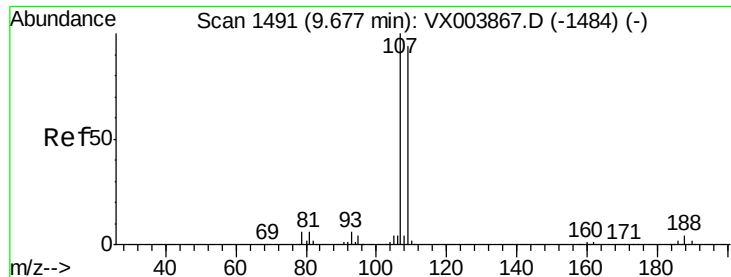
Tot Ion: 43 Resp: 1594967
Ion Ratio Lower Upper
43 100
58 58.0 29.0 87.0



#60
Dibromochloromethane
Concen: 54.98 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003872.D
Acq: 07 Aug 2018 10:24

Tgt Ion: 129 Resp: 237445
Ion Ratio Lower Upper
129 100
127 77.2 38.8 116.3





#61

1,2-Dibromoethane

Concen: 52.66 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003872.D

Acq: 07 Aug 2018 10:24

Instrument :

MSVOA_X

ClientSampleId :

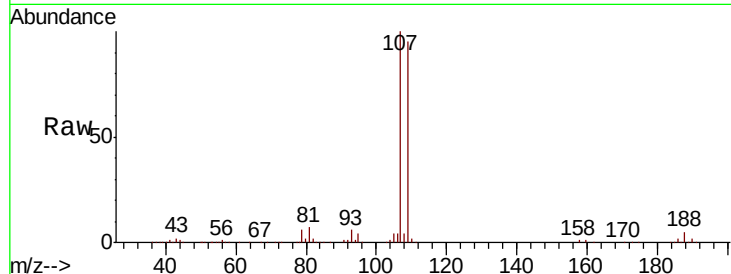
VSTDCCC050

Tot Ion:107 Resp: 244187

Ion Ratio Lower Upper

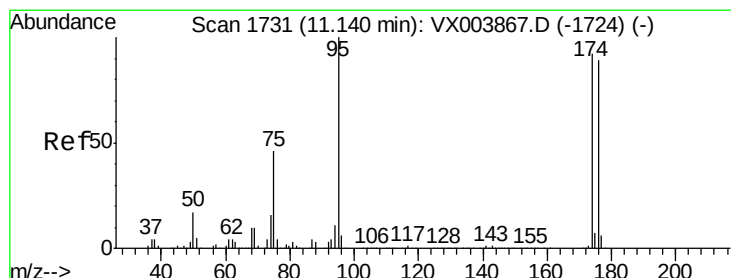
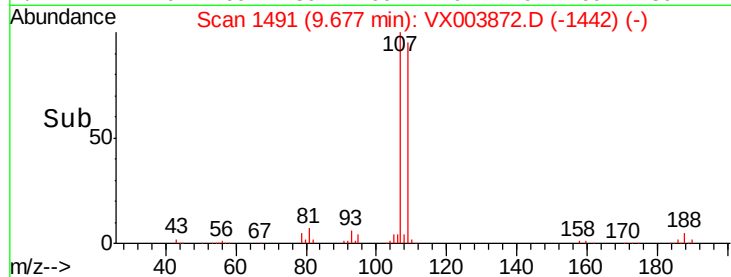
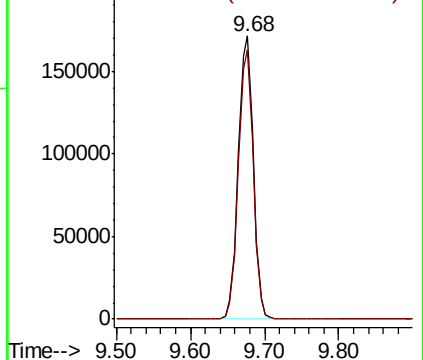
107 100

109 94.3 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 56.85 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003872.D

Acq: 07 Aug 2018 10:24

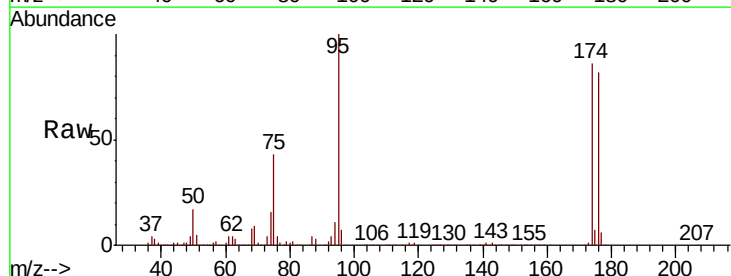
Tgt Ion: 95 Resp: 289066

Ion Ratio Lower Upper

95 100

174 85.9 0.0 182.8

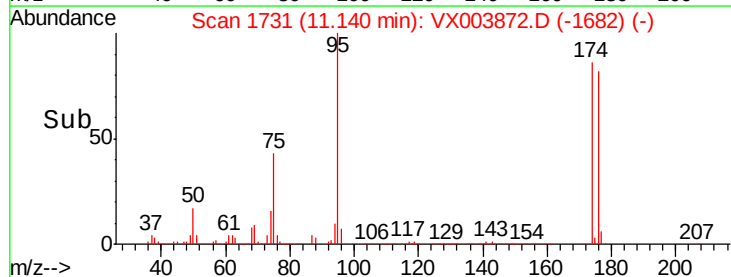
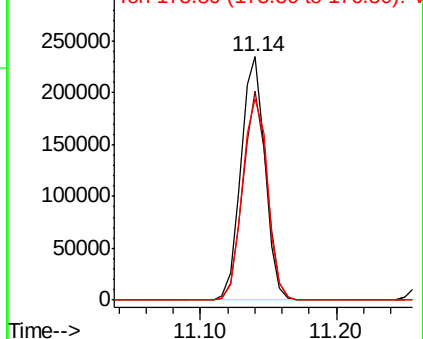
176 86.8 0.0 179.0

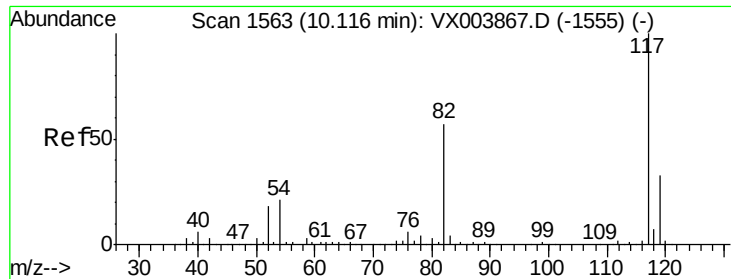


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

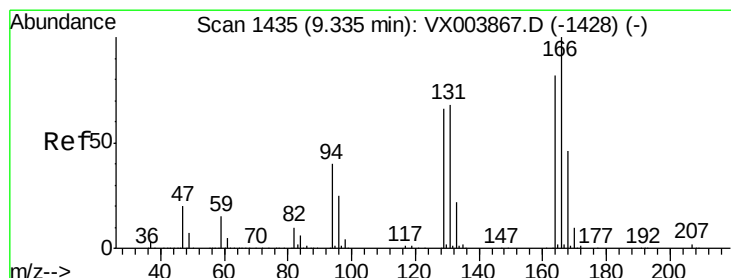
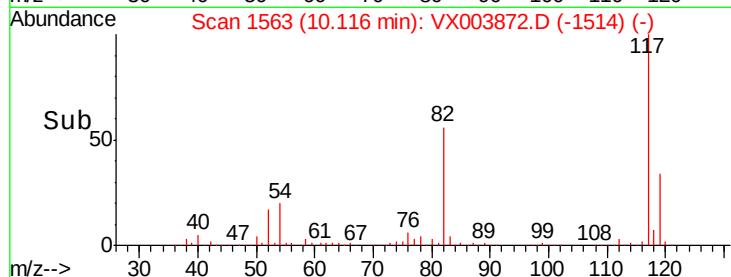
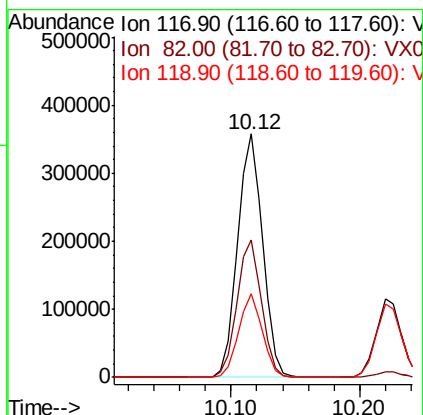
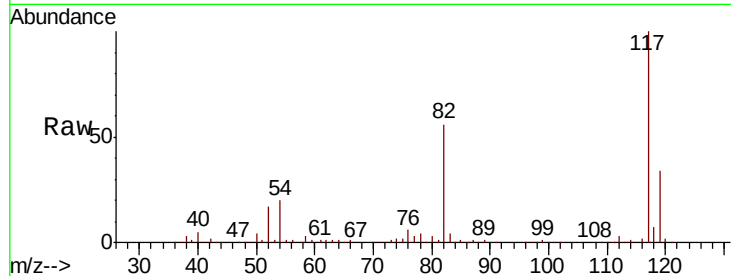




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003872.D
Acq: 07 Aug 2018 10:24

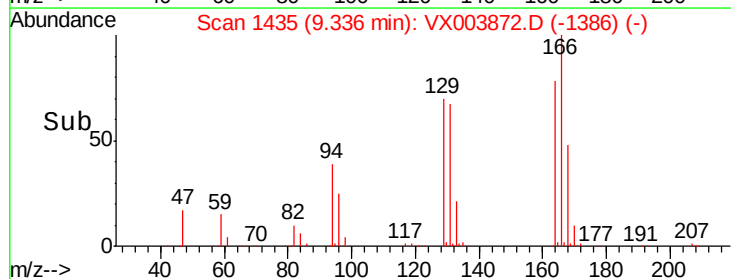
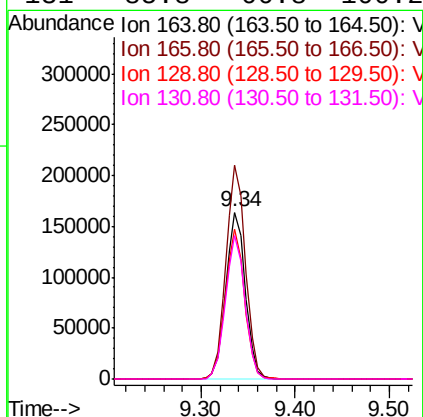
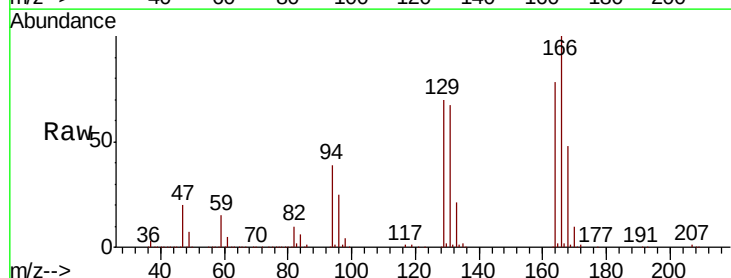
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

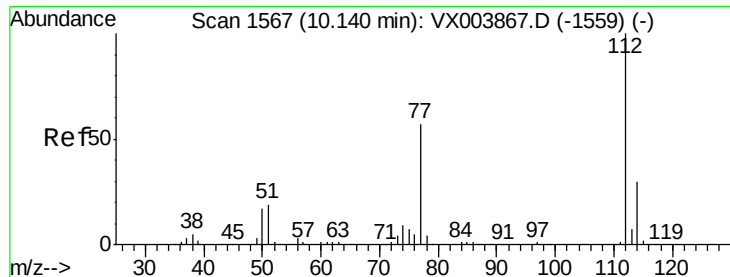
Tot Ion:117 Resp: 481805
Ion Ratio Lower Upper
117 100
82 56.2 45.4 68.0
119 34.4 26.6 40.0



#64
Tetrachloroethene
Concen: 49.62 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003872.D
Acq: 07 Aug 2018 10:24

Tgt Ion:164 Resp: 235175
Ion Ratio Lower Upper
164 100
166 128.1 98.0 147.0
129 89.5 64.3 96.5
131 85.8 66.8 100.2

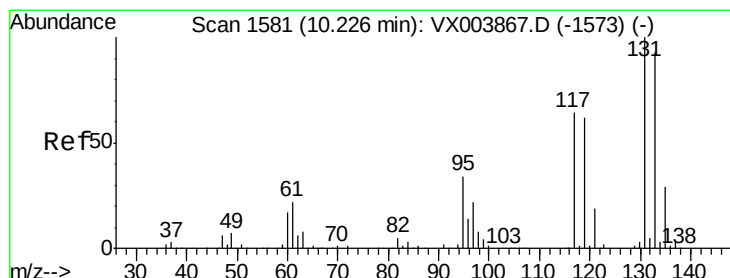
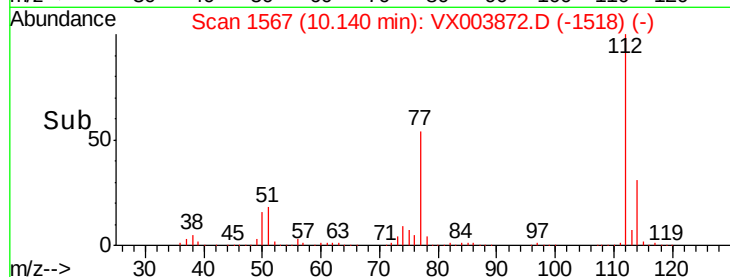
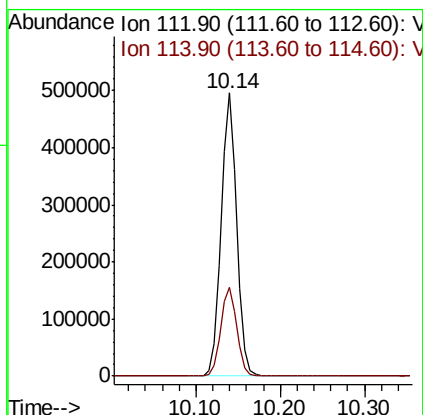
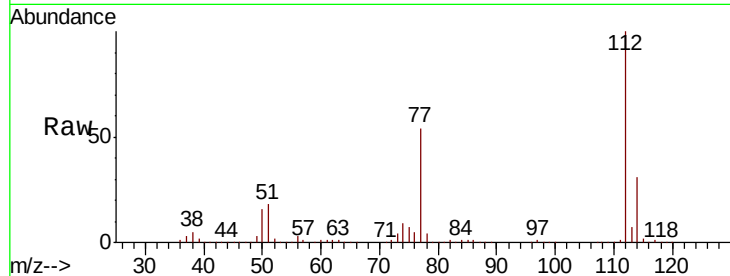




#65
Chlorobenzene
Concen: 50.54 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003872.D
Acq: 07 Aug 2018 10:24

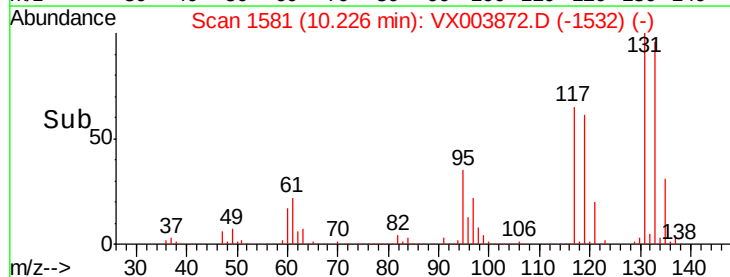
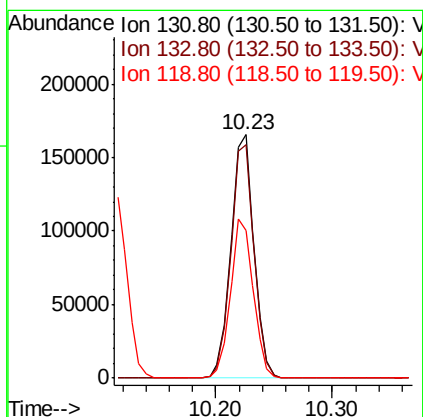
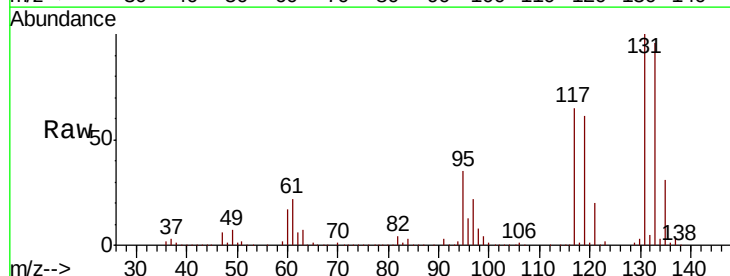
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

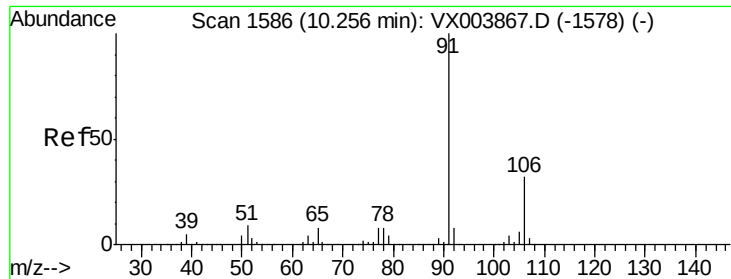
Tot Ion:112 Resp: 633563
Ion Ratio Lower Upper
112 100
114 31.4 23.6 35.4



#66
1,1,1,2-Tetrachloroethane
Concen: 52.93 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX003872.D
Acq: 07 Aug 2018 10:24

Tgt Ion:131 Resp: 228125
Ion Ratio Lower Upper
131 100
133 96.6 47.3 141.8
119 64.6 31.6 94.8





#67

Ethyl Benzene

Concen: 53.83 ug/l

RT: 10.25 min Scan# 1585

Delta R.T. -0.01 min

Lab File: VX003872.D

Acq: 07 Aug 2018 10:24

Instrument :

MSVOA_X

ClientSampled :

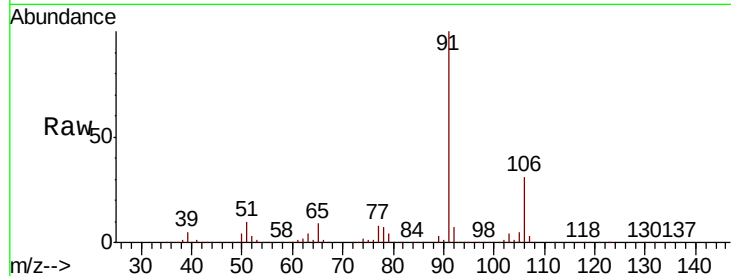
VSTDCCC050

Tot Ion: 91 Resp: 1104724

Ion Ratio Lower Upper

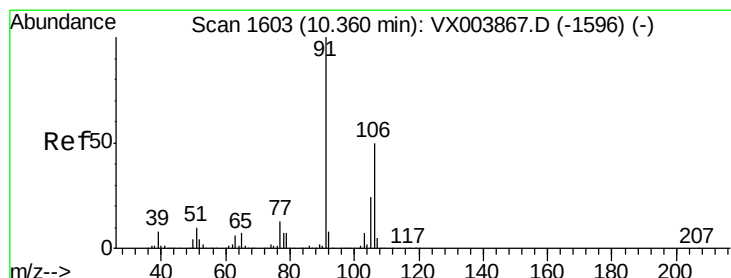
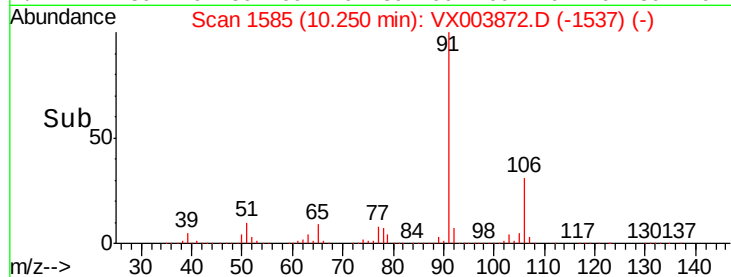
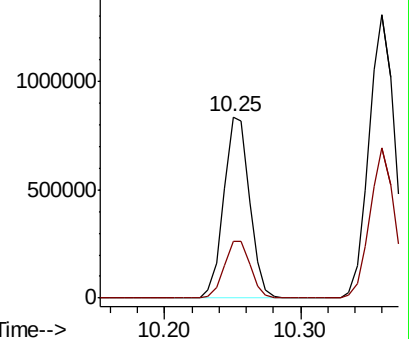
91 100

106 31.4 25.9 38.9



Abundance Ion 91.00 (90.70 to 91.70): VX003867.D (-1578) (-)

Ion 106.00 (105.70 to 106.70): VX003867.D (-1578) (-)



#68

m/p-Xylenes

Concen: 109.47 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VX003872.D

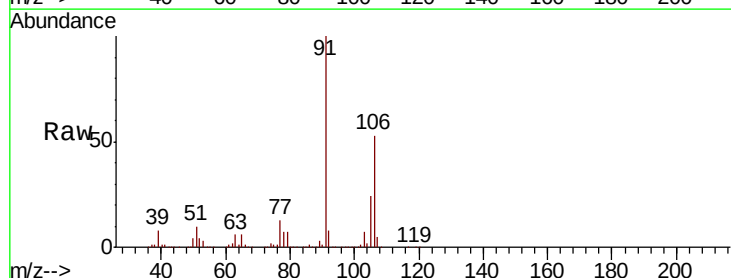
Acq: 07 Aug 2018 10:24

Tgt Ion: 106 Resp: 877823

Ion Ratio Lower Upper

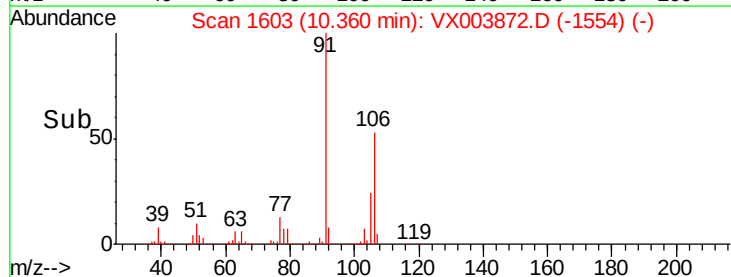
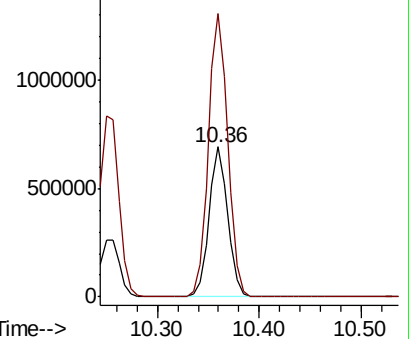
106 100

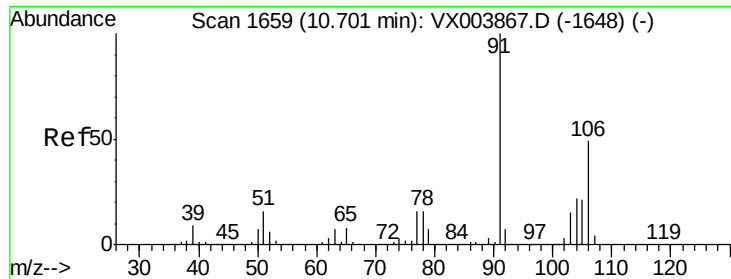
91 196.1 162.3 243.5



Abundance Ion 106.00 (105.70 to 106.70): VX003867.D (-1596) (-)

Ion 91.00 (90.70 to 91.70): VX003867.D (-1596) (-)

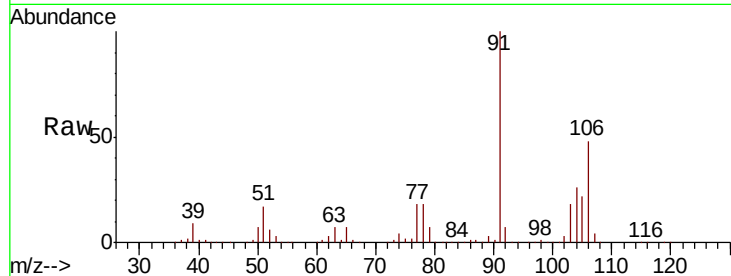




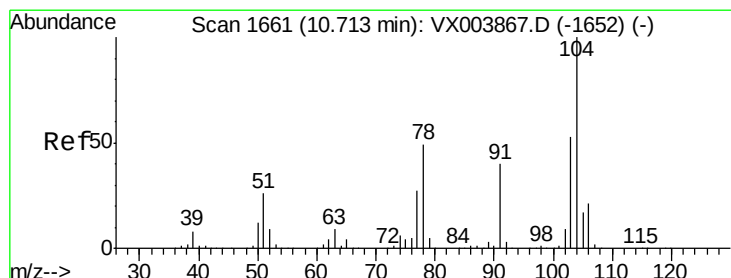
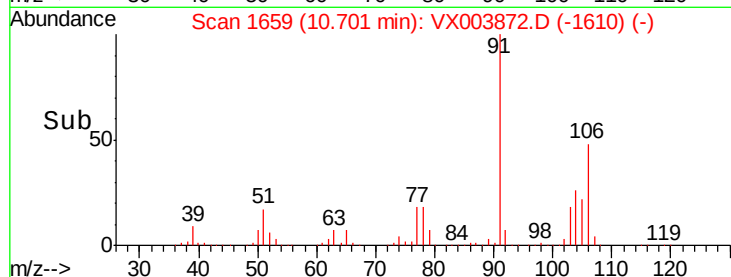
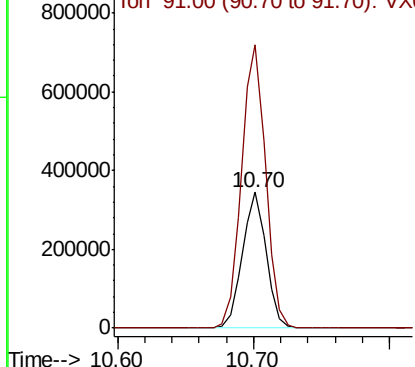
#69
o-Xylene
Concen: 55.37 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003872.D
Acq: 07 Aug 2018 10:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 419115
Ion Ratio Lower Upper
106 100
91 211.5 101.9 305.7

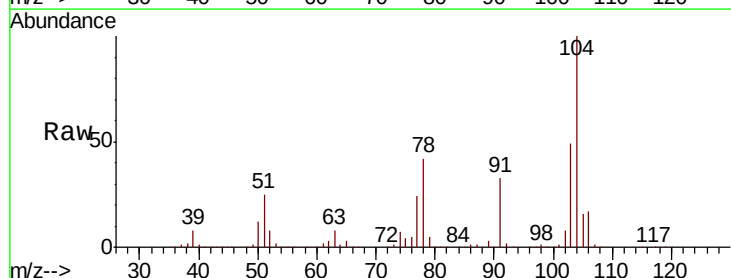


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

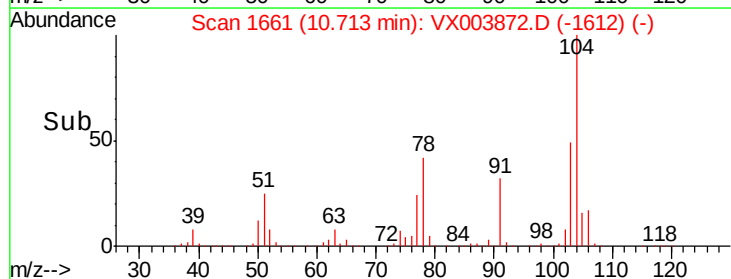
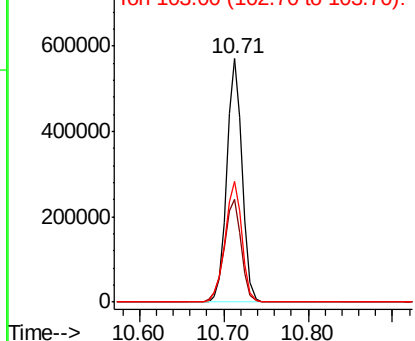


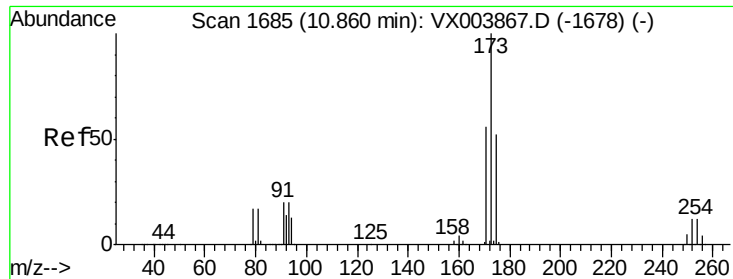
#70
Styrene
Concen: 57.75 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003872.D
Acq: 07 Aug 2018 10:24

Tgt Ion:104 Resp: 715672
Ion Ratio Lower Upper
104 100
78 47.4 39.8 59.6
103 54.4 44.3 66.5



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: 49.62 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003872.D

Acq: 07 Aug 2018 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

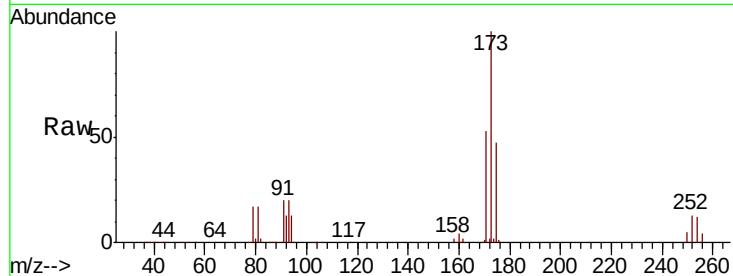
Tot Ion:173 Resp: 181257

Ion Ratio Lower Upper

173 100

175 49.2 24.9 74.7

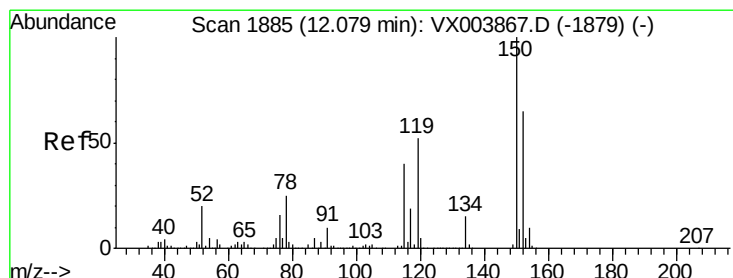
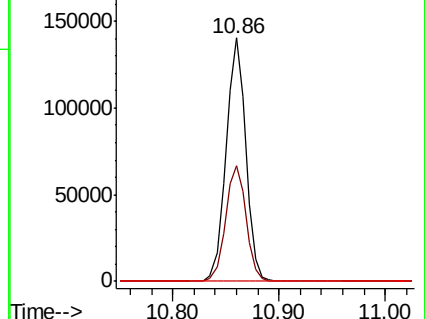
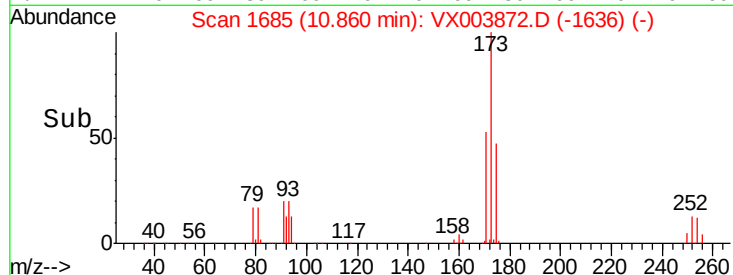
254 0.2 0.2 0.2



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: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003872.D

Acq: 07 Aug 2018 10:24

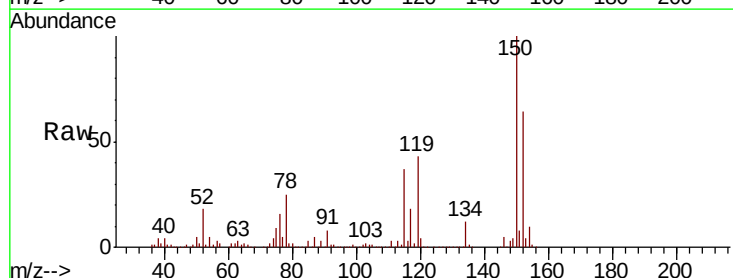
Tgt Ion:152 Resp: 287356

Ion Ratio Lower Upper

152 100

115 79.6 39.1 117.3

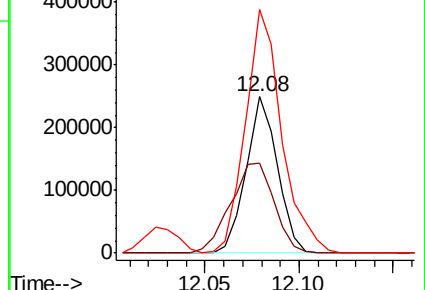
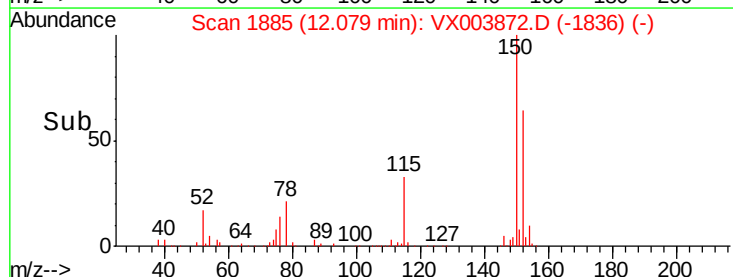
150 180.1 0.0 349.2

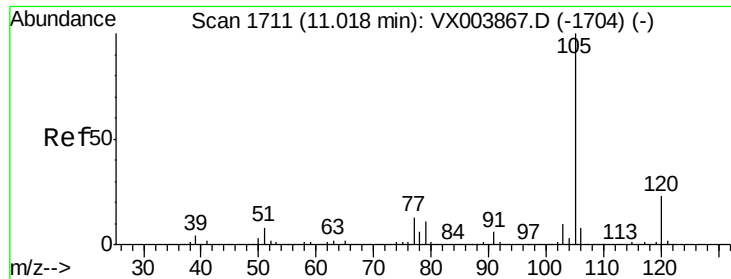


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.73 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX003872.D

Acq: 07 Aug 2018 10:24

Instrument :

MSVOA_X

ClientSampleId :

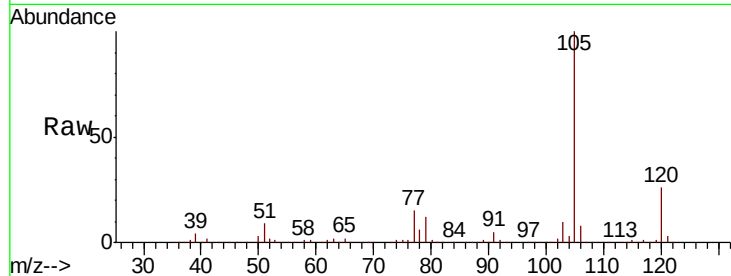
VSTDCCC050

Tot Ion:105 Resp: 1120850

Ion Ratio Lower Upper

105 100

120 27.3 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

800000

600000

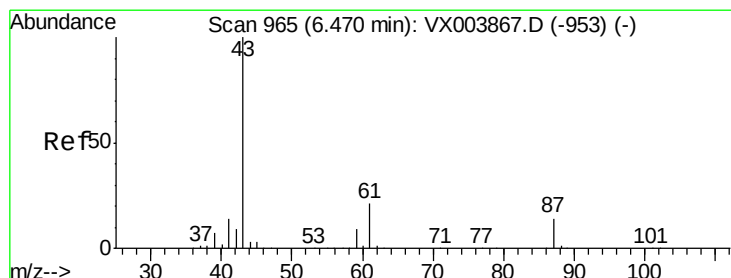
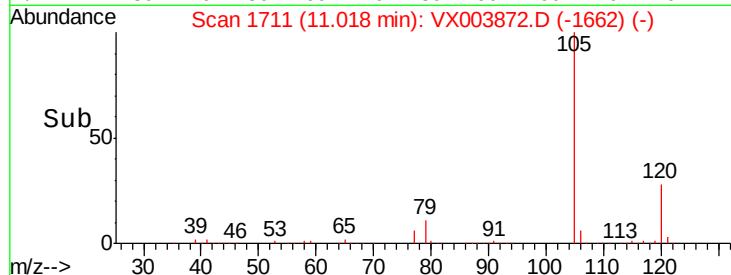
400000

200000

0

11.00 11.10

Time-->



#74

N-ethyl acetate

Concen: 45.28 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX003872.D

Acq: 07 Aug 2018 10:24

Tgt Ion: 43 Resp: 500581

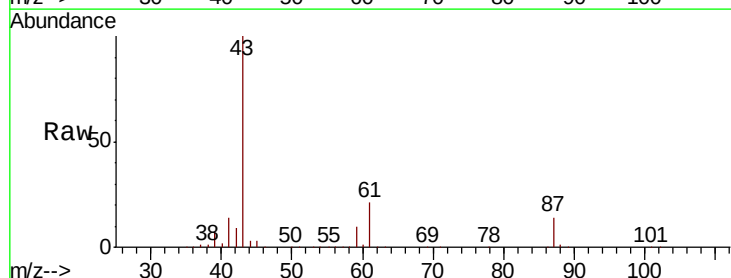
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1#

61 21.4 16.9 25.3



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

6.46

300000

250000

200000

150000

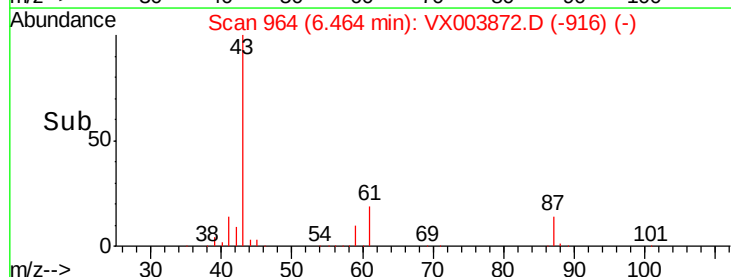
100000

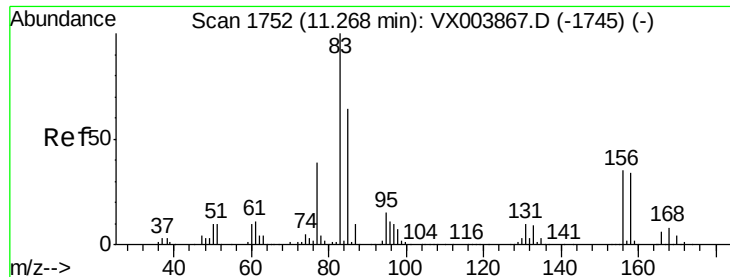
50000

0

6.30 6.40 6.50 6.60 6.70

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 46.49 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. 0.00 min

Lab File: VX003872.D

Acq: 07 Aug 2018 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

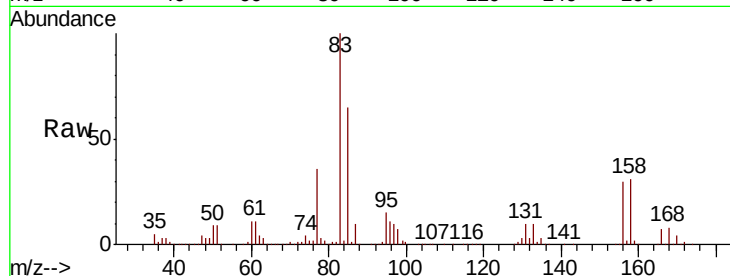
Tot Ion: 83 Resp: 338731

Ion Ratio Lower Upper

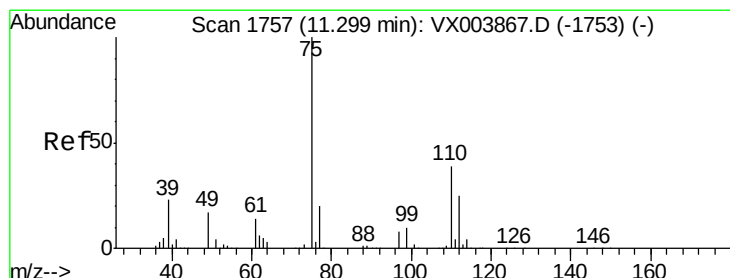
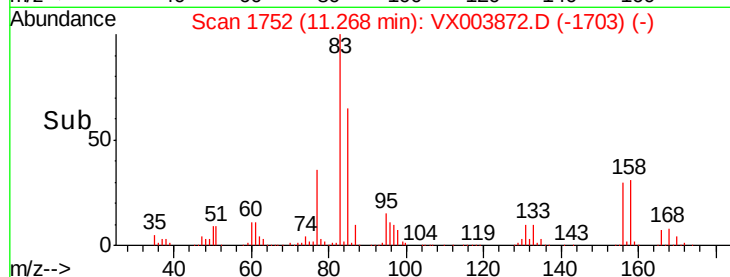
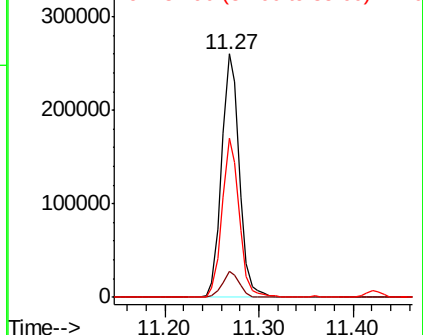
83 100

131 10.2 5.2 15.6

85 63.7 32.2 96.6



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



#76

1,2,3-Trichloropropane

Concen: 63.55 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX003872.D

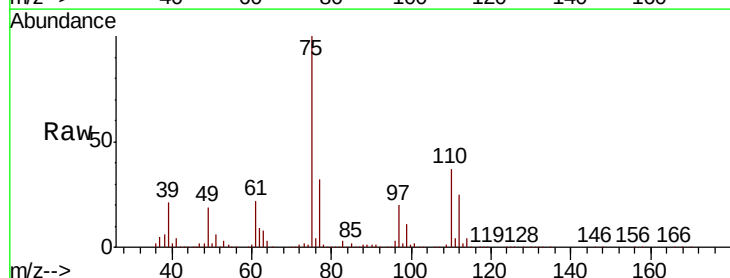
Acq: 07 Aug 2018 10:24

Tgt Ion: 75 Resp: 403329

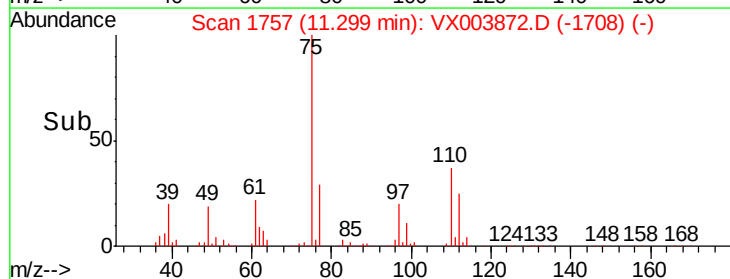
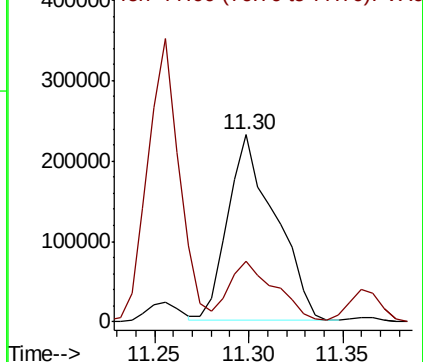
Ion Ratio Lower Upper

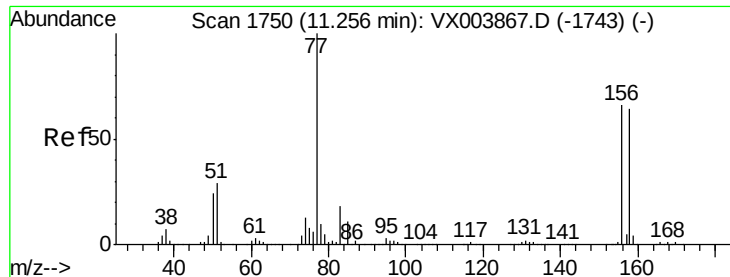
75 100

77 31.9 20.8 62.5



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





#77

Bromobenzene

Concen: 48.62 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003872.D

Acq: 07 Aug 2018 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

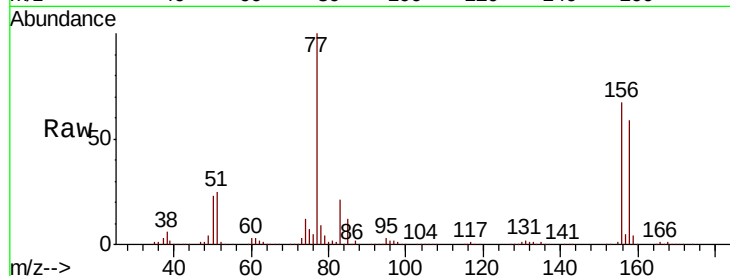
Tot Ion:156 Resp: 275703

Ion Ratio Lower Upper

156 100

77 151.6 74.1 222.2

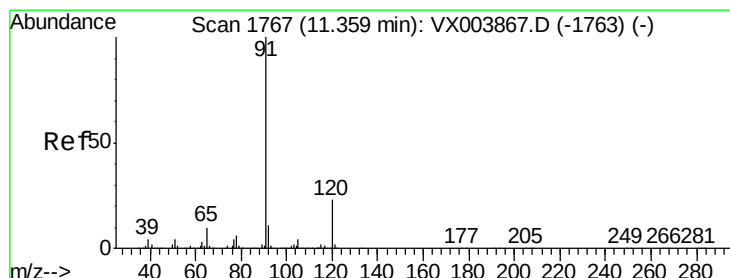
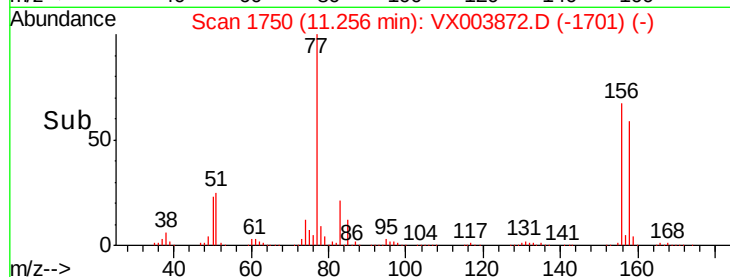
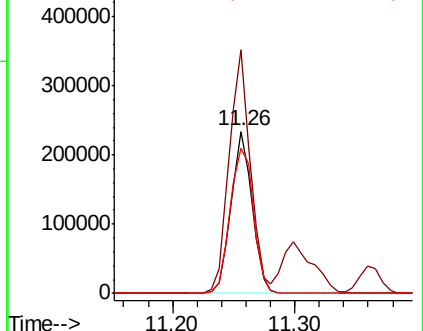
158 100.1 48.6 145.9



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: 52.67 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX003872.D

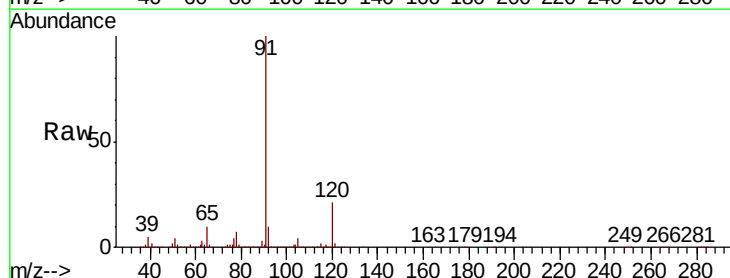
Acq: 07 Aug 2018 10:24

Tgt Ion: 91 Resp: 1257248

Ion Ratio Lower Upper

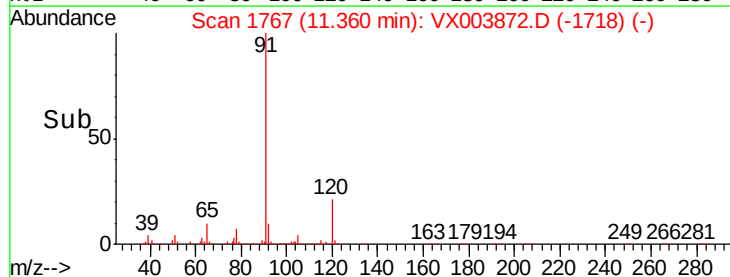
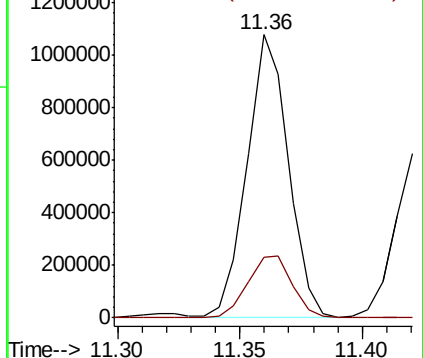
91 100

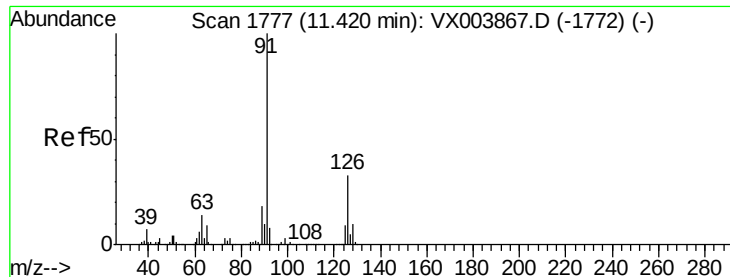
120 23.7 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.50 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. 0.00 min

Lab File: VX003872.D

Acq: 07 Aug 2018 10:24

Instrument :

MSVOA_X

ClientSampleId :

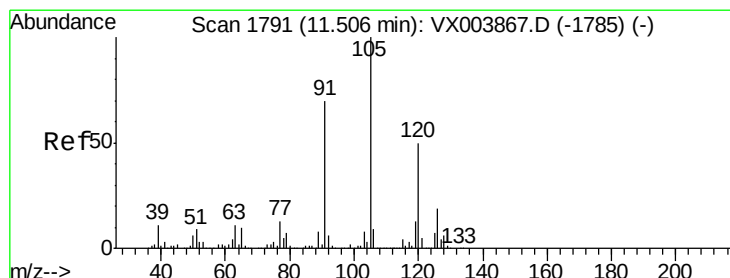
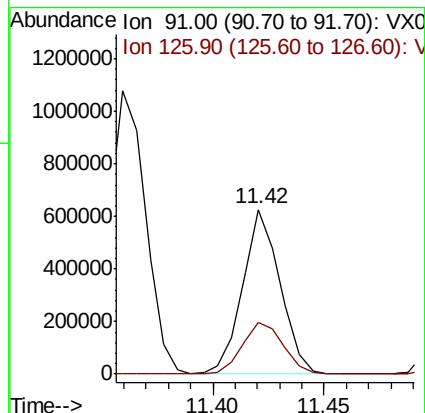
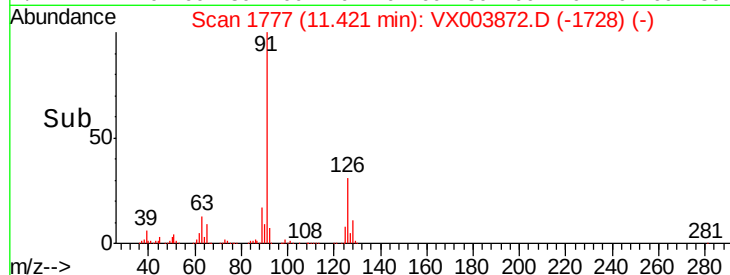
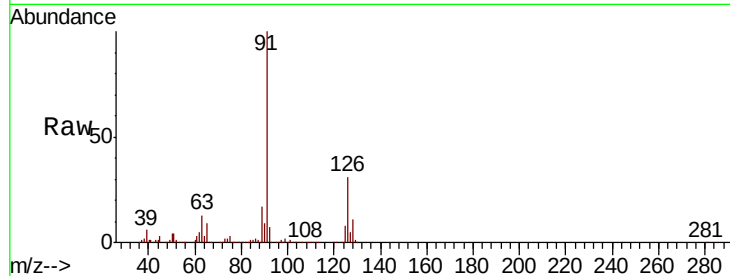
VSTDCCC050

Tot Ion: 91 Resp: 735018

Ion Ratio Lower Upper

91 100

126 34.5 17.4 52.3



#80

1,3,5-Trimethylbenzene

Concen: 53.51 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX003872.D

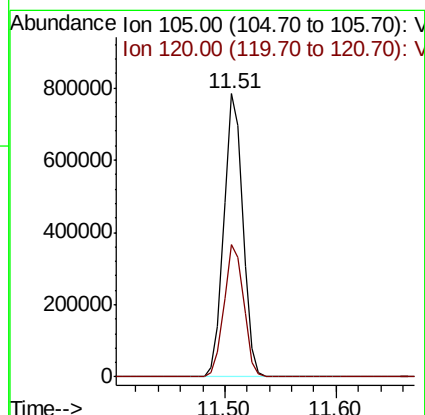
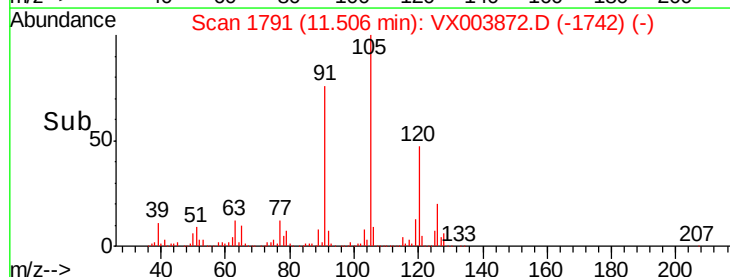
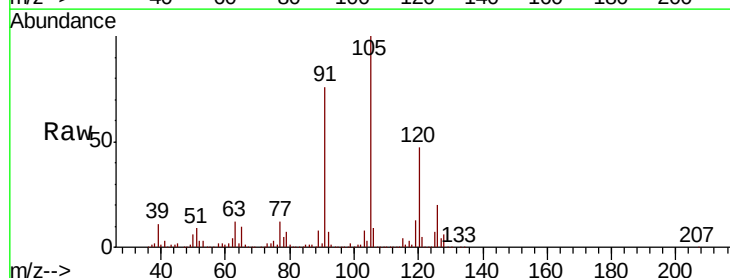
Acq: 07 Aug 2018 10:24

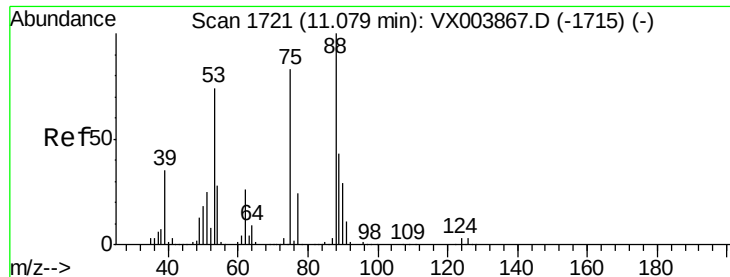
Tgt Ion:105 Resp: 927473

Ion Ratio Lower Upper

105 100

120 48.2 25.4 76.2





#81

trans-1,4-Dichloro-2-butene

Concen: 48.12 ug/l

RT: 11.07 min Scan# 1720

Delta R.T. -0.01 min

Lab File: VX003872.D

Acq: 07 Aug 2018 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

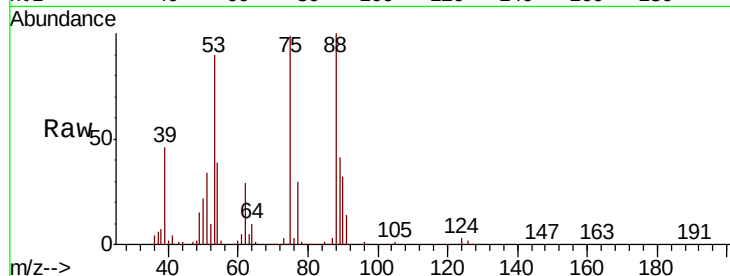
Tot Ion: 75 Resp: 112060

Ion Ratio Lower Upper

75 100

53 92.2 80.3 120.5

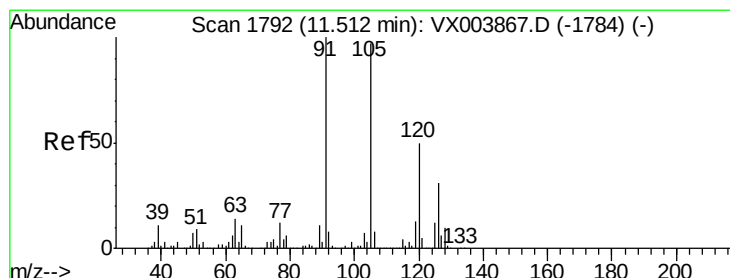
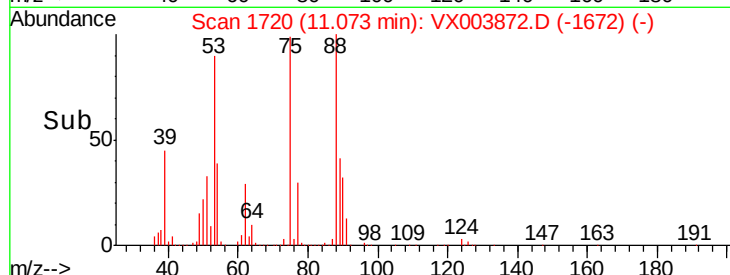
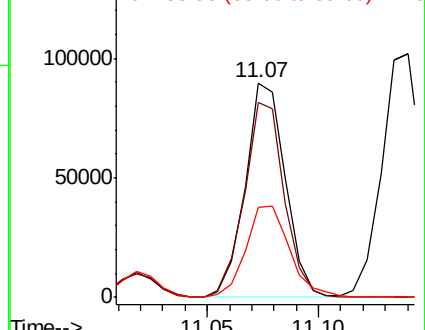
89 46.9 37.8 56.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 51.33 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003872.D

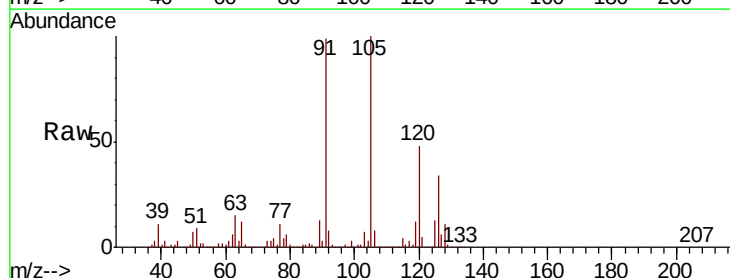
Acq: 07 Aug 2018 10:24

Tgt Ion: 91 Resp: 875217

Ion Ratio Lower Upper

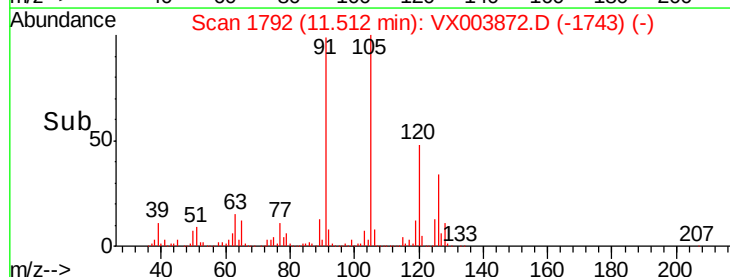
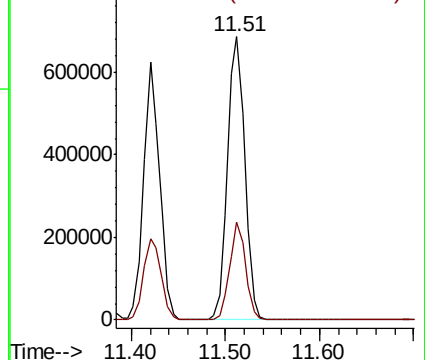
91 100

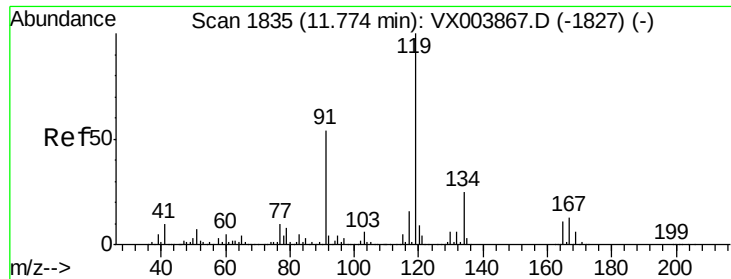
126 31.8 15.6 46.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

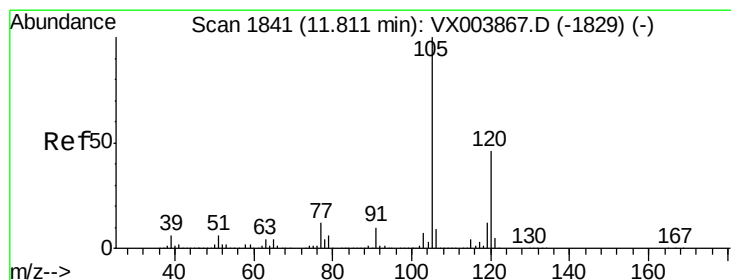
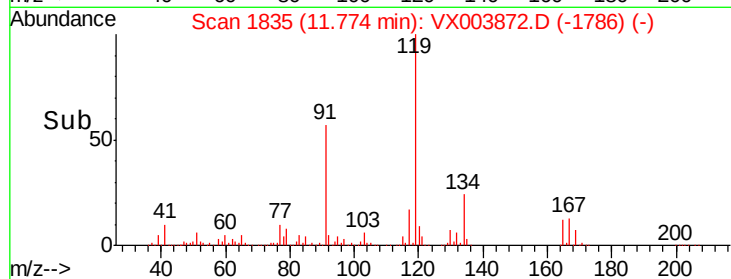
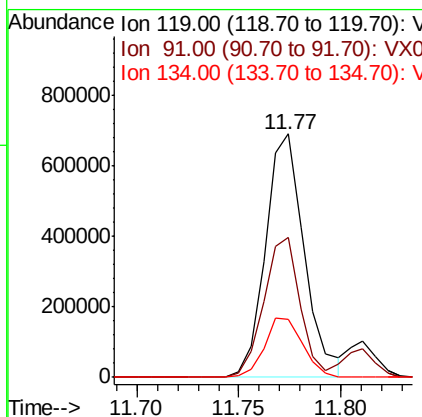
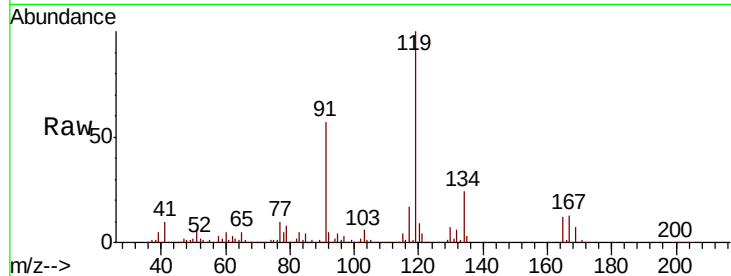




#83
 tert-Butylbenzene
 Concen: 53.53 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX003872.D
 Acq: 07 Aug 2018 10:24

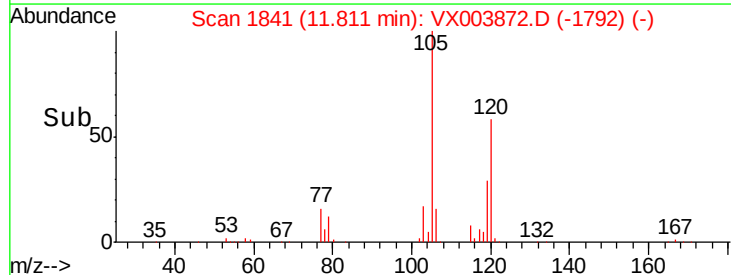
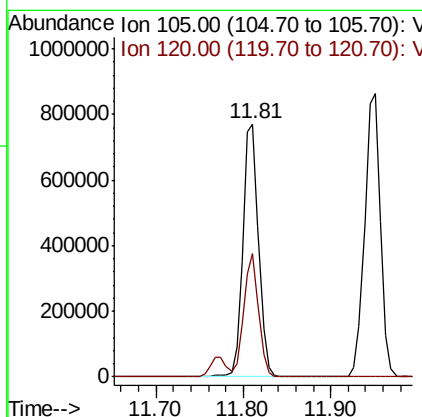
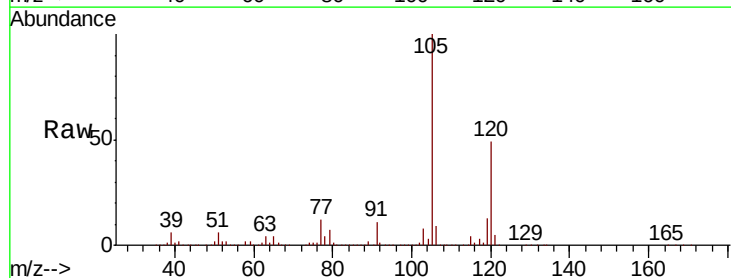
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

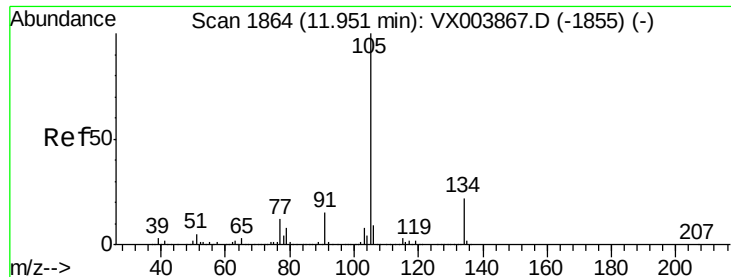
Tot Ion:119 Resp: 912770
 Ion Ratio Lower Upper
 119 100
 91 53.9 26.9 80.7
 134 24.2 12.0 36.0



#84
 1,2,4-Trimethylbenzene
 Concen: 55.37 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003872.D
 Acq: 07 Aug 2018 10:24

Tgt Ion:105 Resp: 965023
 Ion Ratio Lower Upper
 105 100
 120 45.7 23.1 69.2





#85

sec-Butylbenzene

Concen: 54.14 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003872.D

Acq: 07 Aug 2018 10:24

Instrument :

MSVOA_X

ClientSampleId :

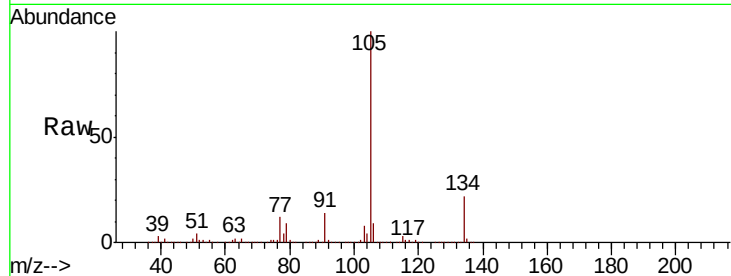
VSTDCCC050

Tot Ion:105 Resp: 1089429

Ion Ratio Lower Upper

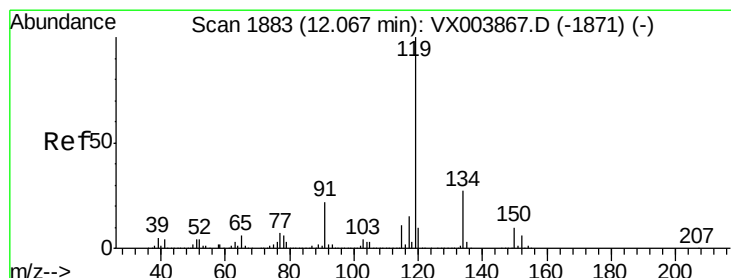
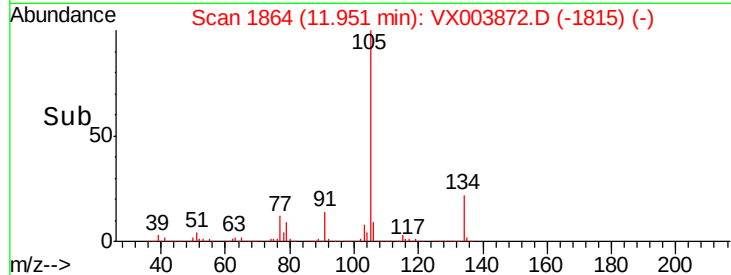
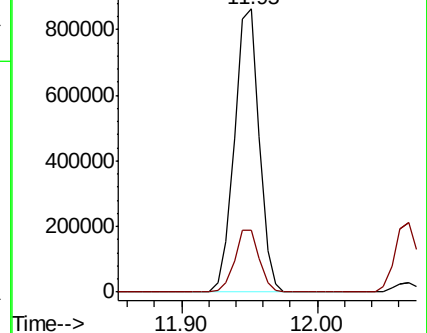
105 100

134 21.7 10.3 30.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.58 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003872.D

Acq: 07 Aug 2018 10:24

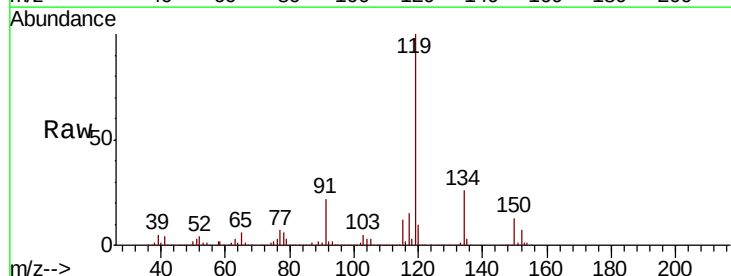
Tgt Ion:119 Resp: 967557

Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.8

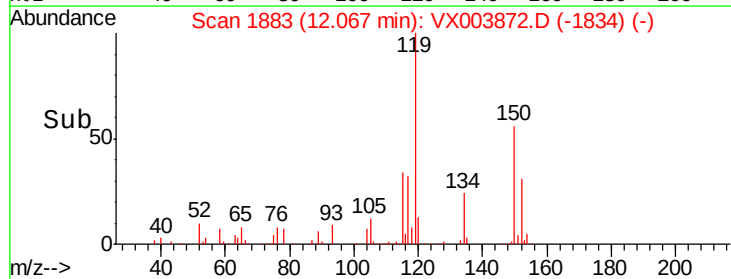
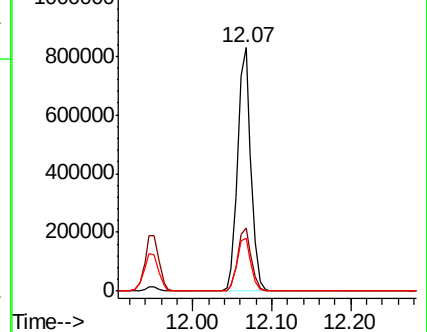
91 22.6 10.9 32.7

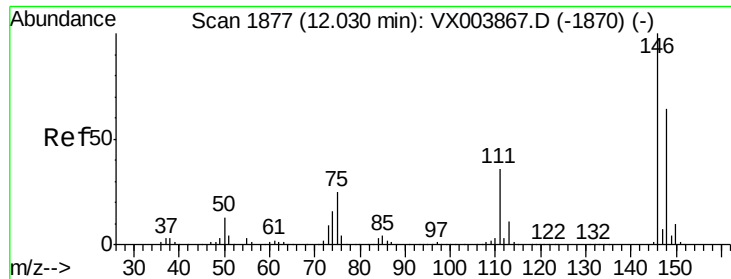


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

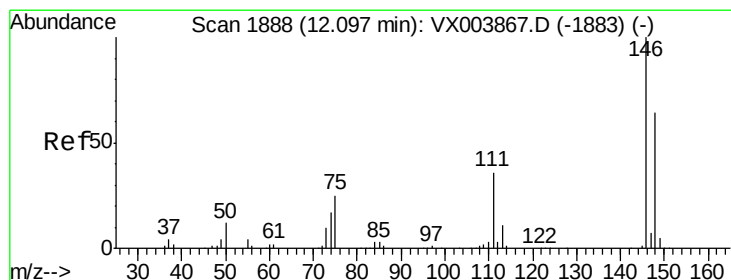
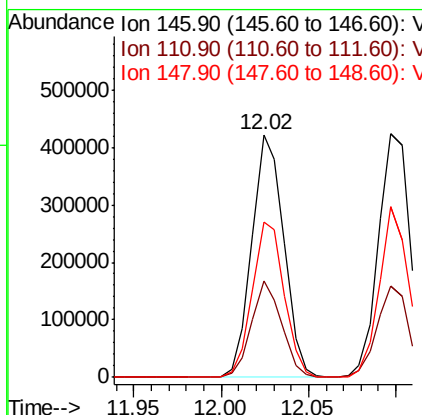
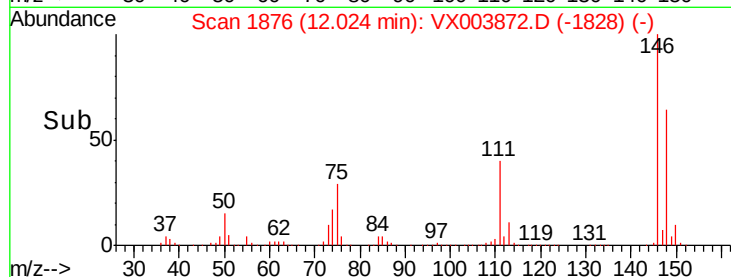
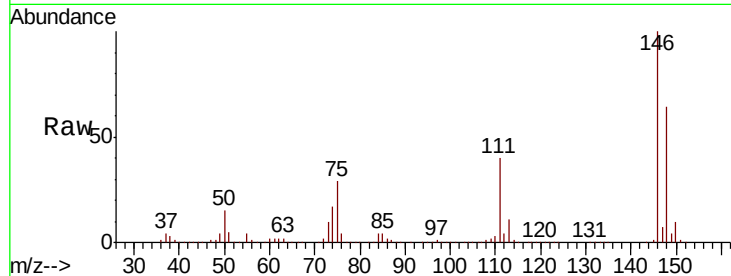




#87
 1,3-Dichlorobenzene
 Concen: 51.09 ug/l
 RT: 12.02 min Scan# 1876
 Delta R.T. -0.01 min
 Lab File: VX003872.D
 Acq: 07 Aug 2018 10:24

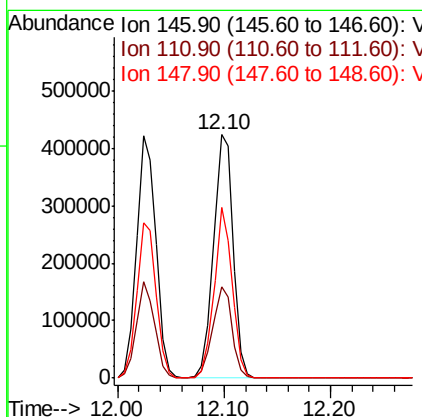
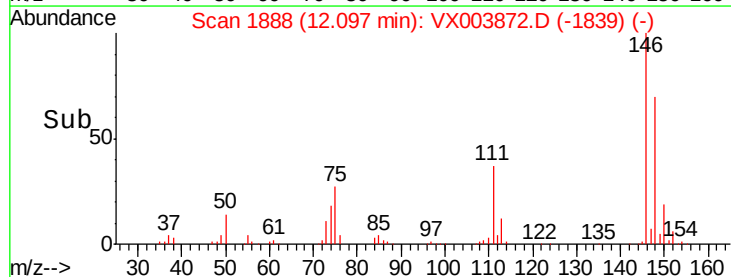
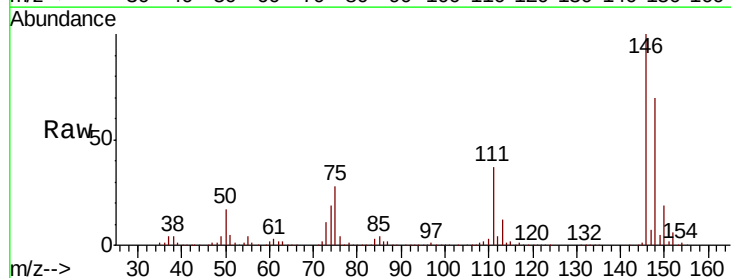
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

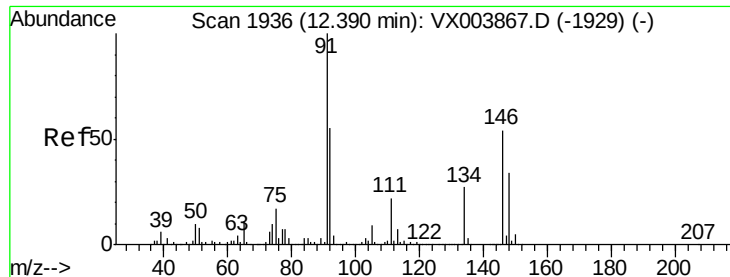
Tot Ion:146 Resp: 535546
 Ion Ratio Lower Upper
 146 100
 111 37.8 18.8 56.4
 148 64.4 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 53.22 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: VX003872.D
 Acq: 07 Aug 2018 10:24

Tgt Ion:146 Resp: 534769
 Ion Ratio Lower Upper
 146 100
 111 36.8 18.4 55.0
 148 64.4 32.3 96.8





#89

n-Butylbenzene

Concen: 51.55 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX003872.D

Acq: 07 Aug 2018 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

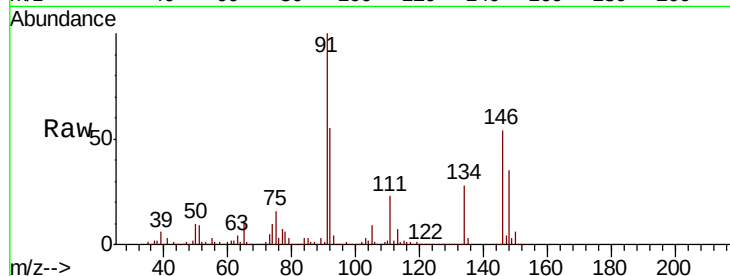
Tot Ion: 91 Resp: 811222

Ion Ratio Lower Upper

91 100

92 54.7 27.1 81.3

134 27.1 13.6 40.7

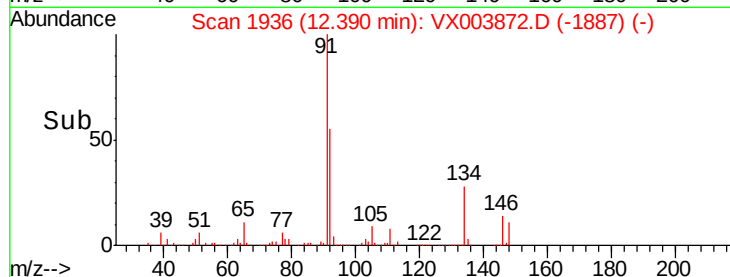


Abundance Ion 91.00 (90.70 to 91.70): VX003867.D (-1929) (-)

Ion 92.00 (91.70 to 92.70): VX003867.D (-1929) (-)

Ion 134.00 (133.70 to 134.70): VX003867.D (-1929) (-)

Time-->

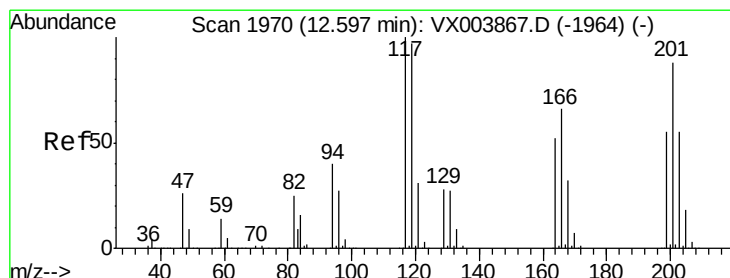


Abundance Ion 91.00 (90.70 to 91.70): VX003872.D (-1887) (-)

Ion 92.00 (91.70 to 92.70): VX003872.D (-1887) (-)

Ion 134.00 (133.70 to 134.70): VX003872.D (-1887) (-)

Time-->



#90

Hexachloroethane

Concen: 49.28 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VX003872.D

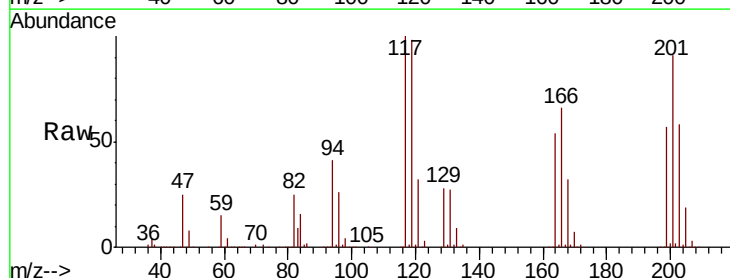
Acq: 07 Aug 2018 10:24

Tgt Ion: 117 Resp: 144484

Ion Ratio Lower Upper

117 100

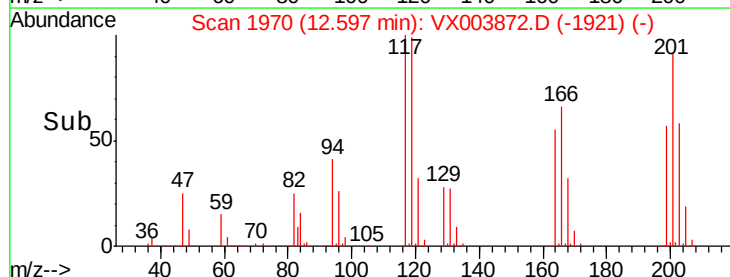
201 94.8 46.1 138.2



Abundance Ion 116.80 (116.50 to 117.50): VX003867.D (-1964) (-)

Ion 200.70 (200.40 to 201.40): VX003867.D (-1964) (-)

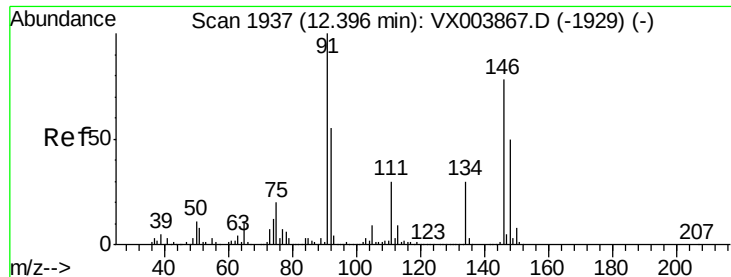
Time-->



Abundance Ion 116.80 (116.50 to 117.50): VX003872.D (-1921) (-)

Ion 200.70 (200.40 to 201.40): VX003872.D (-1921) (-)

Time-->



#91

1,2-Dichlorobenzene

Concen: 46.95 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.01 min

Lab File: VX003872.D

Acq: 07 Aug 2018 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

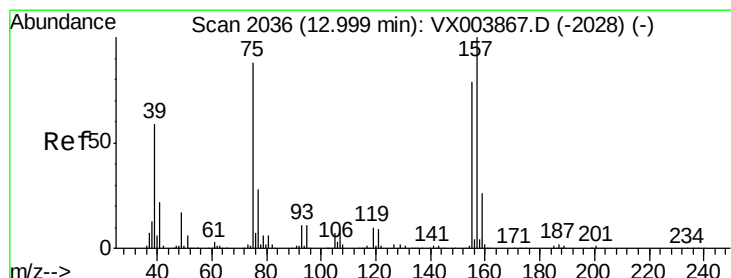
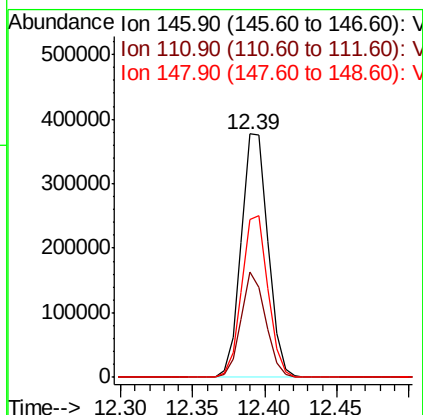
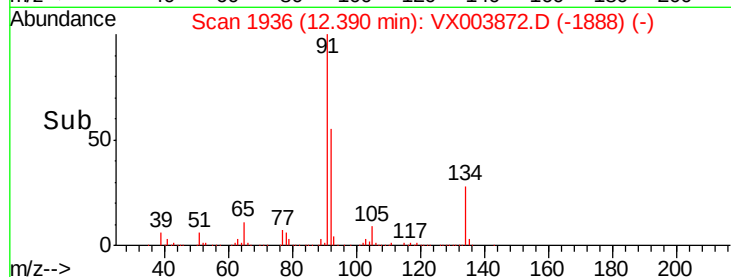
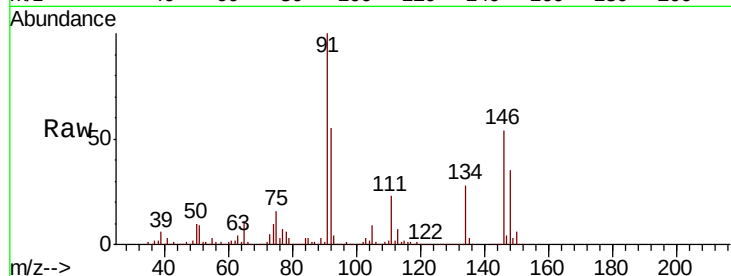
Tot Ion:146 Resp: 487831

Ion Ratio Lower Upper

146 100

111 39.8 19.7 59.0

148 64.8 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.32 ug/l

RT: 13.00 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VX003872.D

Acq: 07 Aug 2018 10:24

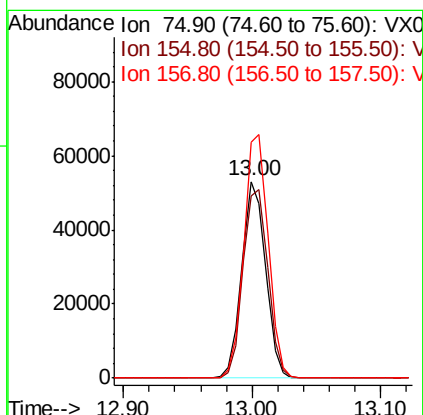
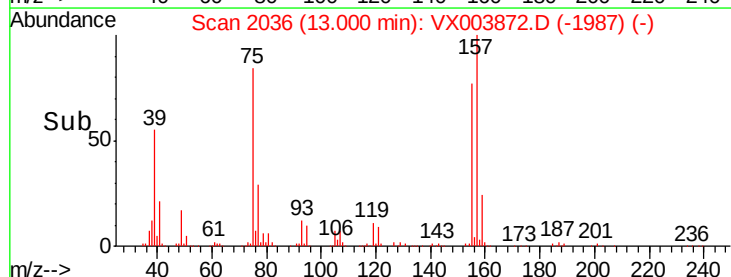
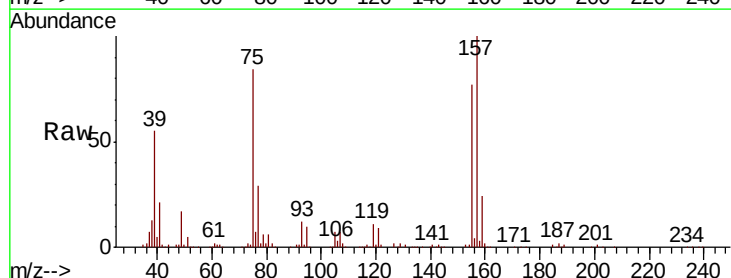
Tgt Ion: 75 Resp: 67644

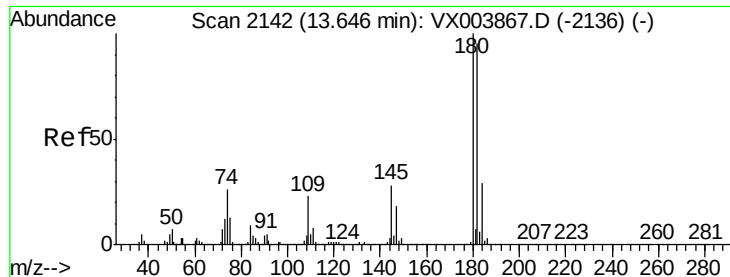
Ion Ratio Lower Upper

75 100

155 100.0 48.7 146.1

157 126.0 62.6 187.8

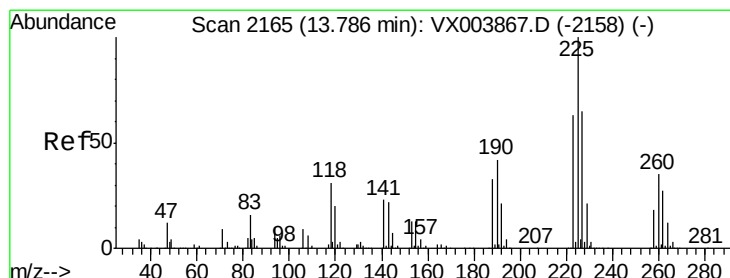
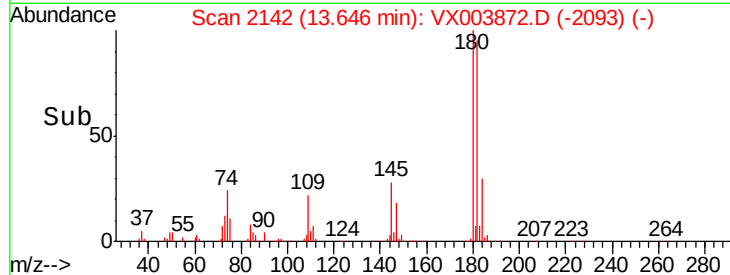
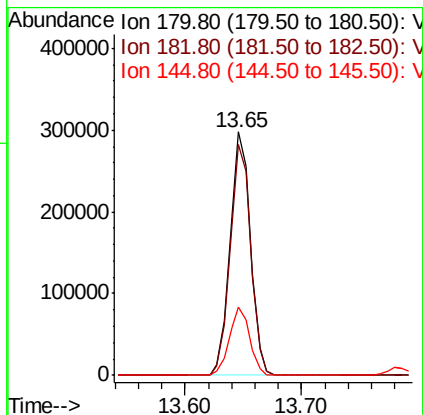
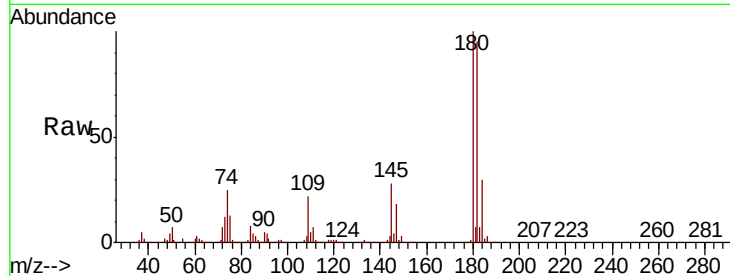




#93
 1,2,4-Trichlorobenzene
 Concen: 48.57 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VX003872.D
 Acq: 07 Aug 2018 10:24

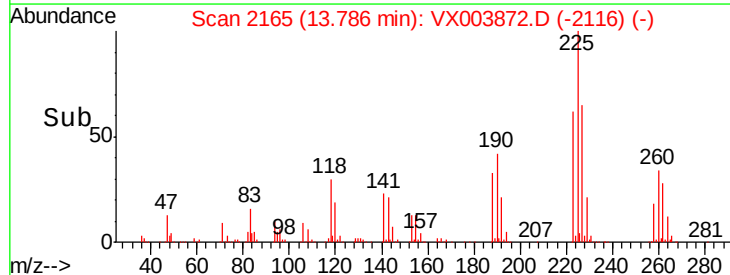
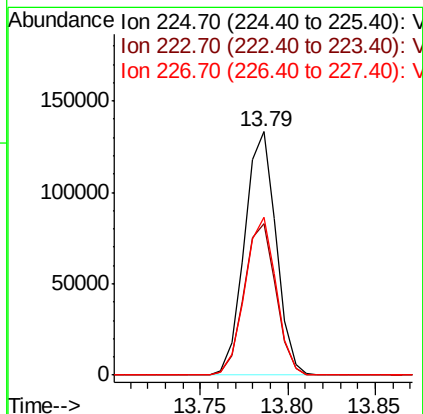
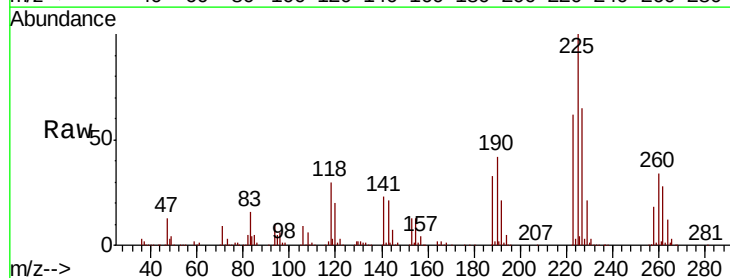
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

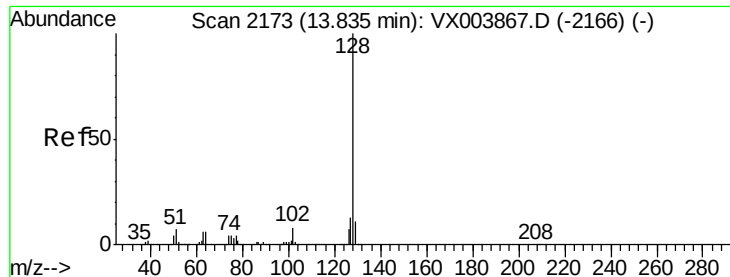
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.7	143.1
145	27.8	13.9	41.6



#94
 Hexachlorobutadiene
 Concen: 50.60 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003872.D
 Acq: 07 Aug 2018 10:24

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	31.4	94.0
227	64.0	32.1	96.5

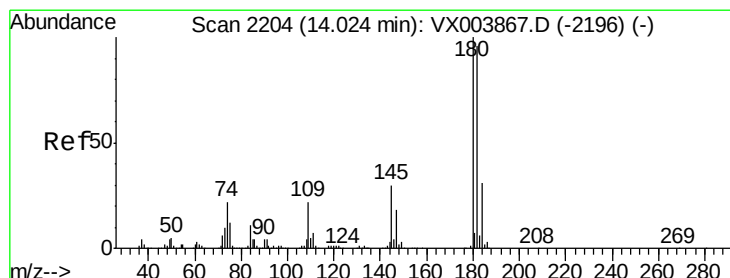
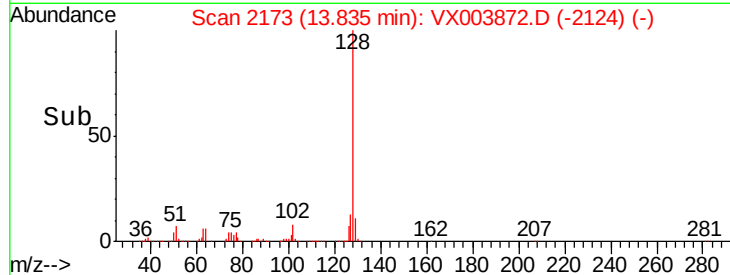
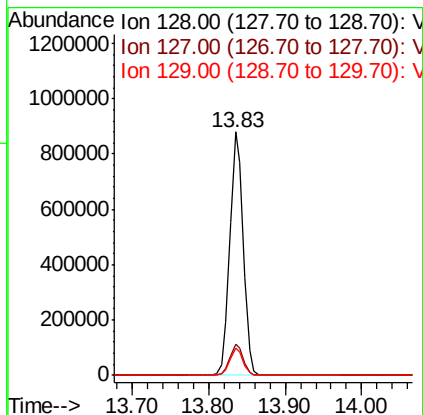
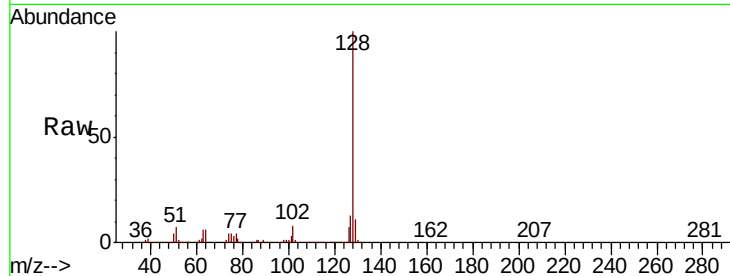




#95
Naphthalene
Concen: 49.74 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX003872.D
Acq: 07 Aug 2018 10:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 1064702
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 48.44 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX003872.D
Acq: 07 Aug 2018 10:24

Tgt Ion:180 Resp: 361239
Ion Ratio Lower Upper
180 100
182 96.1 48.1 144.4
145 30.1 14.9 44.7

