

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX030619\
 Data File : VX007872.D
 Acq On : 06 Mar 2019 20:40
 Operator : JC/SP
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 07 07:53:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 07:33:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	302463	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	440472	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	390505	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	192909	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	160602	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
35) Dibromofluoromethane	5.51	113	141710	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	
50) Toluene-d8	8.71	98	534150	51.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.24%	
62) 4-Bromofluorobenzene	11.13	95	186156	51.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.62%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.20	85	122514	47.411	ug/l	99
3) Chloromethane	1.33	50	153576	46.117	ug/l	99
4) Vinyl Chloride	1.41	62	156916	47.423	ug/l	100
5) Bromomethane	1.64	94	73069	46.988	ug/l	98
6) Chloroethane	1.72	64	102398	46.583	ug/l	99
7) Trichlorofluoromethane	1.93	101	202541	47.014	ug/l	100
8) Diethyl Ether	2.19	74	87890	47.113	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	123558	46.282	ug/l	99
10) Methyl Iodide	2.51	142	189528	50.042	ug/l	100
11) Tert butyl alcohol	3.08	59	167530	234.785	ug/l	100
12) 1,1-Dichloroethene	2.37	96	120459	46.810	ug/l	99
13) Acrolein	2.30	56	87184	216.118	ug/l	99
14) Allyl chloride	2.73	41	248897	46.028	ug/l	100
15) Acrylonitrile	3.15	53	418748	232.501	ug/l	99
16) Acetone	2.45	43	347990	188.429	ug/l	98
17) Carbon Disulfide	2.57	76	373164	47.731	ug/l	99
18) Methyl Acetate	2.78	43	187907	47.894	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	419623	47.399	ug/l	99
20) Methylene Chloride	2.86	84	136299	46.373	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	129676	45.797	ug/l	98
22) Diisopropyl ether	3.87	45	475142	47.934	ug/l	99
23) Vinyl Acetate	3.82	43	2073920	238.587	ug/l	100
24) 1,1-Dichloroethane	3.70	63	251643	47.174	ug/l	99
25) 2-Butanone	4.70	43	584519	223.561	ug/l	99
26) 2,2-Dichloropropane	4.59	77	148917	42.137	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	151279	46.689	ug/l	99
28) Bromochloromethane	5.02	49	120148	48.312	ug/l	99
29) Tetrahydrofuran	5.15	42	390840	239.649	ug/l	100
30) Chloroform	5.21	83	238977	47.360	ug/l	100
31) Cyclohexane	5.57	56	234166	47.763	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	201680	48.172	ug/l	98
36) 1,1-Dichloropropene	5.80	75	183205	45.935	ug/l	100
37) Ethyl Acetate	4.85	43	222353	46.979	ug/l	100
38) Carbon Tetrachloride	5.78	117	179183	47.322	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	230866	47.770	ug/l	99
40) Benzene	6.14	78	566570	47.717	ug/l	100
41) Methacrylonitrile	5.06	41	124087	48.088	ug/l	99
42) 1,2-Dichloroethane	6.20	62	182743	47.062	ug/l	100
43) Isopropyl Acetate	6.46	43	339576	48.479	ug/l	100
44) Trichloroethene	7.21	130	152071	46.474	ug/l	100
45) 1,2-Dichloropropane	7.52	63	149891	47.796	ug/l	99
46) Dibromomethane	7.66	93	93427	47.075	ug/l	99
47) Bromodichloromethane	7.90	83	180010	47.839	ug/l	100
48) Methyl methacrylate	7.77	41	178925	48.584	ug/l	99
49) 1,4-Dioxane	7.75	88	72059	952.504	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1093952	242.846	ug/l	100
52) Toluene	8.79	92	349838	48.259	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	194025	49.403	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	217759	49.100	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	142505	48.561	ug/l	99
56) Ethyl methacrylate	9.18	69	221118	50.185	ug/l	100
57) 1,3-Dichloropropane	9.37	76	237705	48.243	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	585147	256.739	ug/l	100
59) 2-Hexanone	9.49	43	818374	233.997	ug/l	100
60) Dibromochloromethane	9.58	129	151213	49.299	ug/l	100
61) 1,2-Dibromoethane	9.67	107	150392	48.270	ug/l	100
64) Tetrachloroethene	9.33	164	146747	45.347	ug/l	99
65) Chlorobenzene	10.14	112	380509	46.565	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	139050	47.478	ug/l	99
67) Ethyl Benzene	10.25	91	647867	48.164	ug/l	100
68) m/p-Xylenes	10.36	106	497416	95.937	ug/l	100
69) o-Xylene	10.70	106	240600	48.066	ug/l	99
70) Styrene	10.71	104	397313	48.505	ug/l	99
71) Bromoform	10.86	173	118356	47.058	ug/l #	100
73) Isopropylbenzene	11.02	105	647076	49.597	ug/l	100
74) N-amyl acetate	10.90	43	292005	49.026	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	208786	46.394	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	240018	59.292	ug/l	89
77) Bromobenzene	11.26	156	168452	47.094	ug/l	98
78) n-propylbenzene	11.36	91	723212	49.967	ug/l	100
79) 2-Chlorotoluene	11.42	91	421250	47.601	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	531451	49.492	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	59842	47.254	ug/l	98
82) 4-Chlorotoluene	11.51	91	488042	48.122	ug/l	100
83) tert-Butylbenzene	11.77	119	526696	48.694	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	540377	49.090	ug/l	99
85) sec-Butylbenzene	11.94	105	632001	49.611	ug/l	100
86) p-Isopropyltoluene	12.06	119	570817	50.033	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	298707	47.203	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	296217	45.708	ug/l	99
89) n-Butylbenzene	12.39	91	482156	49.883	ug/l	99
90) Hexachloroethane	12.60	117	92998	48.753	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	294321	46.818	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	44368	47.174	ug/l	99

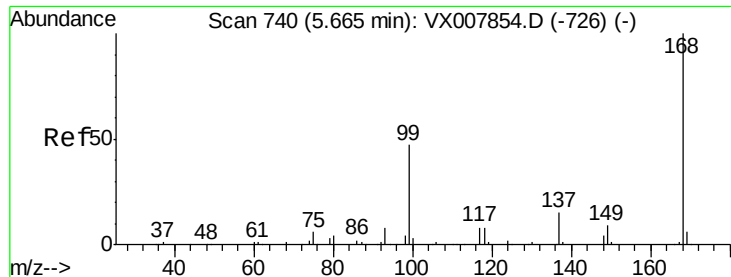
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	211673	47.930	ug/l	99
94) Hexachlorobutadiene	13.78	225	108479	46.982	ug/l	99
95) Naphthalene	13.83	128	633424	49.779	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	209971	47.728	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007872.D

Acq: 06 Mar 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

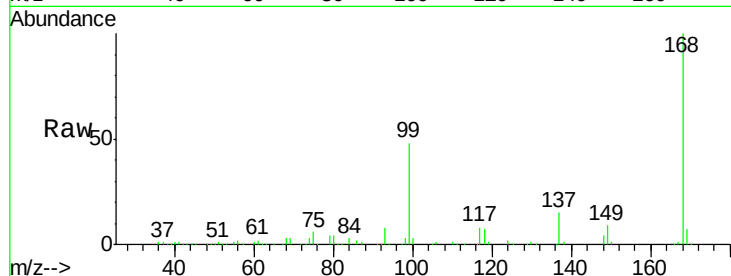
VSTDCCC050EC

Tgt Ion:168 Resp: 302463

Ion Ratio Lower Upper

168 100

99 48.0 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

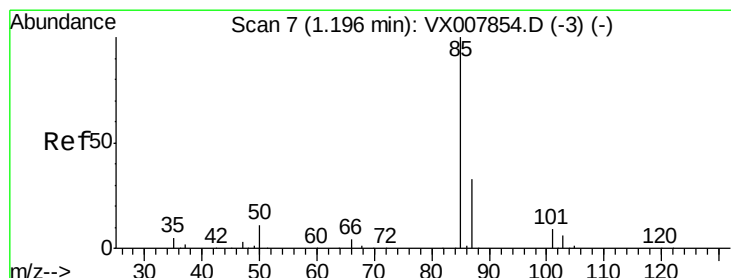
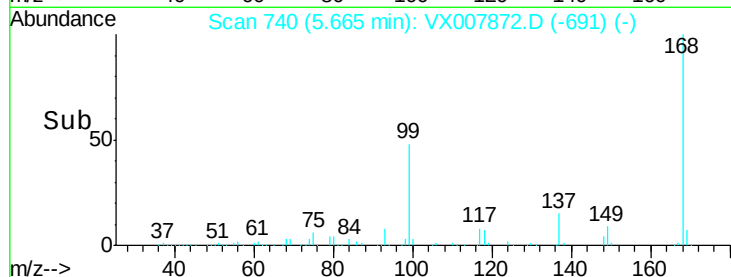
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 47.411 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX007872.D

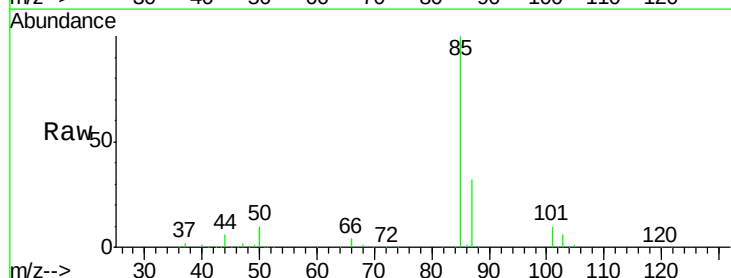
Acq: 06 Mar 2019 20:40

Tgt Ion: 85 Resp: 122514

Ion Ratio Lower Upper

85 100

87 31.9 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

120000

100000

80000

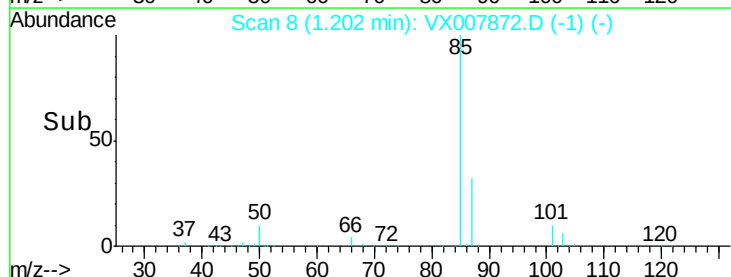
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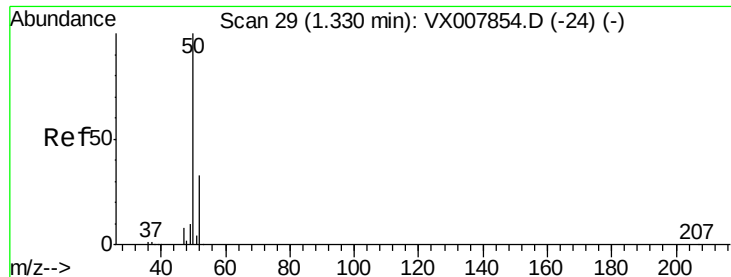
40000

20000

0

Time--> 1.15 1.20 1.25 1.30 1.35





#3

Chloromethane

Concen: 46.117 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007872.D

Acq: 06 Mar 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

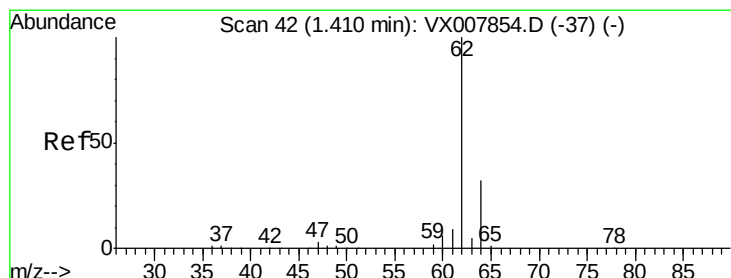
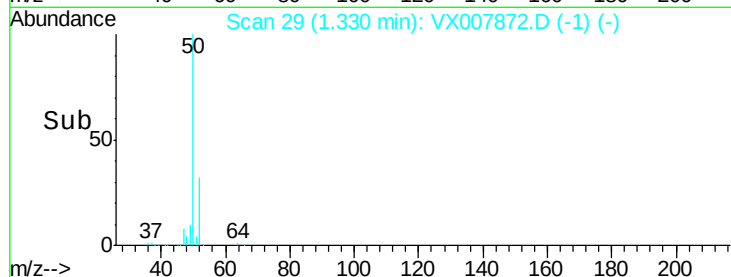
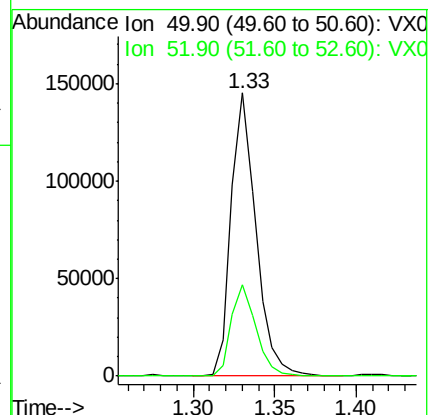
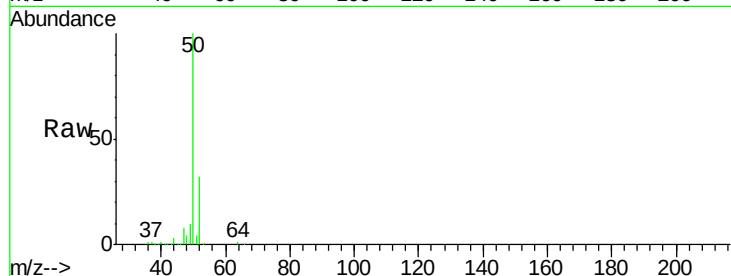
VSTDCCC050EC

Tgt Ion: 50 Resp: 153576

Ion Ratio Lower Upper

50 100

52 32.4 26.5 39.7



#4

Vinyl Chloride

Concen: 47.423 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007872.D

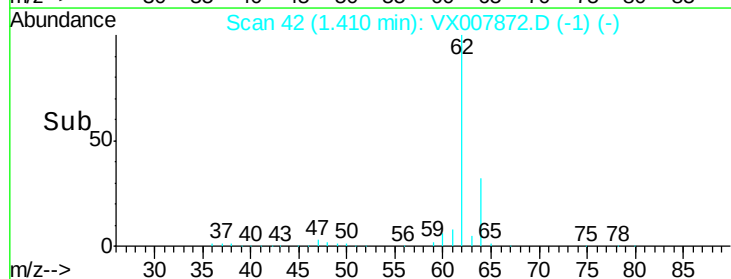
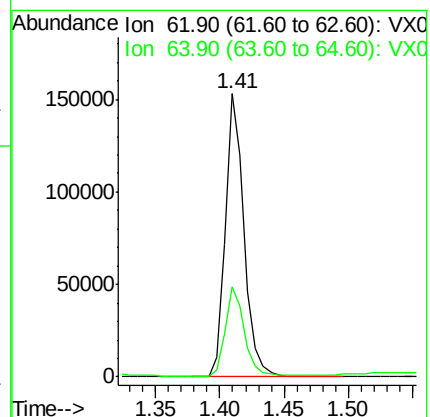
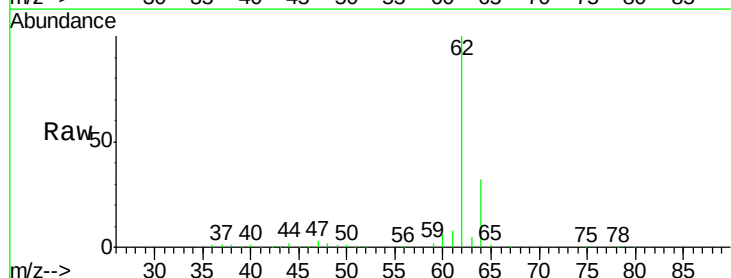
Acq: 06 Mar 2019 20:40

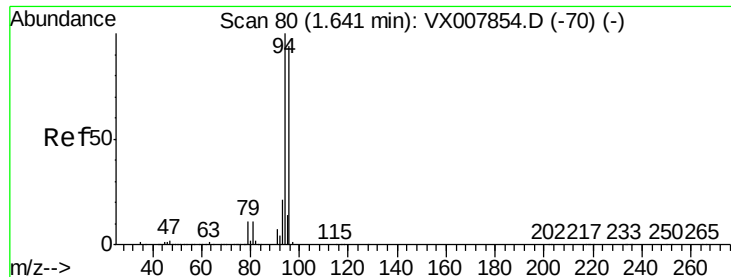
Tgt Ion: 62 Resp: 156916

Ion Ratio Lower Upper

62 100

64 31.6 25.3 37.9





#5

Bromomethane

Concen: 46.988 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007872.D

Acq: 06 Mar 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

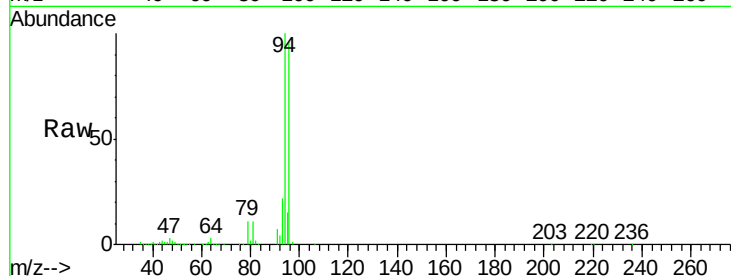
VSTDCCC050EC

Tgt Ion: 94 Resp: 73069

Ion Ratio Lower Upper

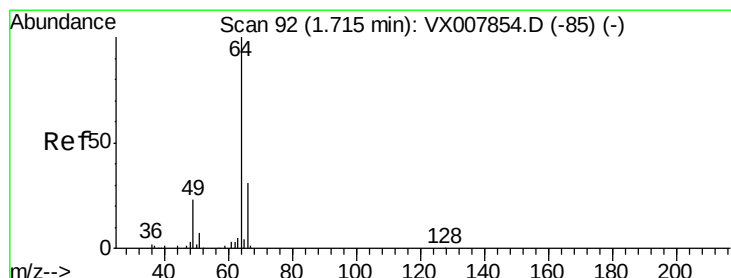
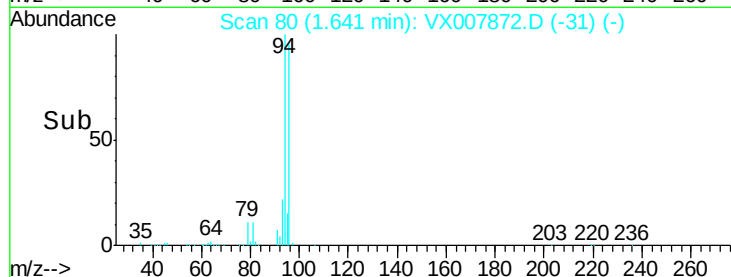
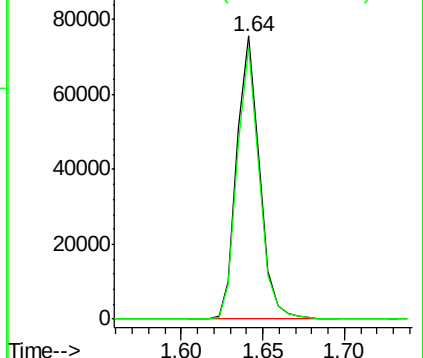
94 100

96 96.2 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 46.583 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX007872.D

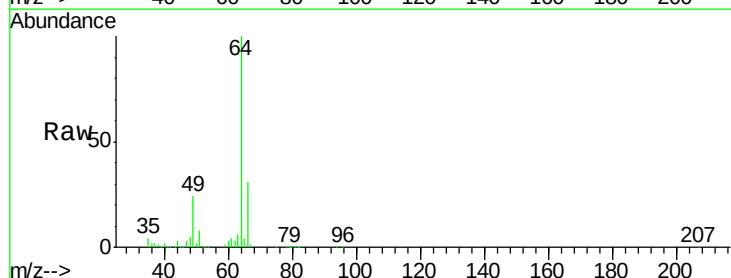
Acq: 06 Mar 2019 20:40

Tgt Ion: 64 Resp: 102398

Ion Ratio Lower Upper

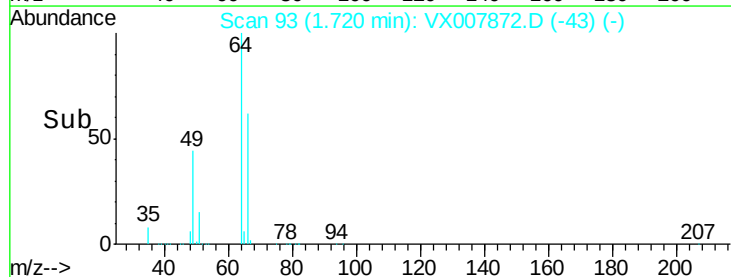
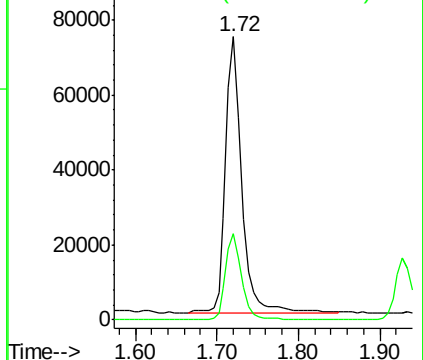
64 100

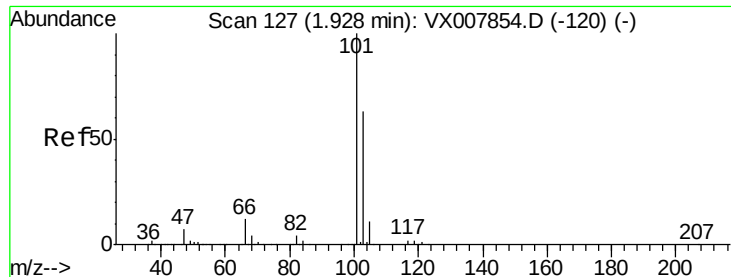
66 31.0 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



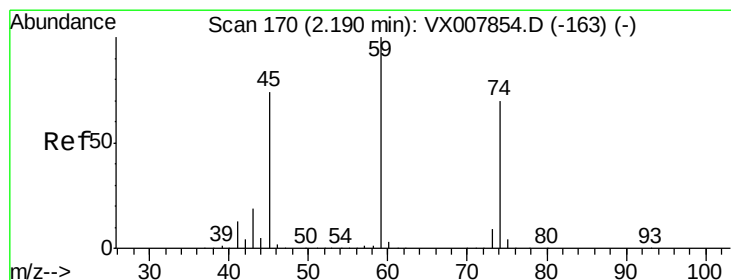
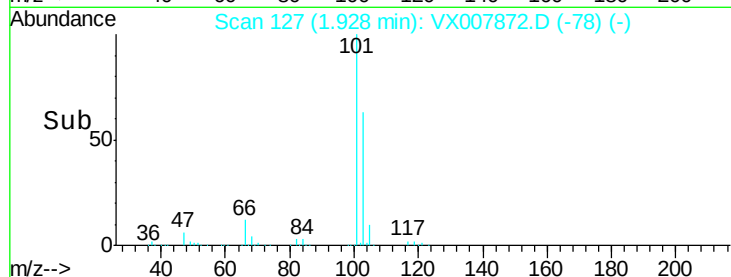
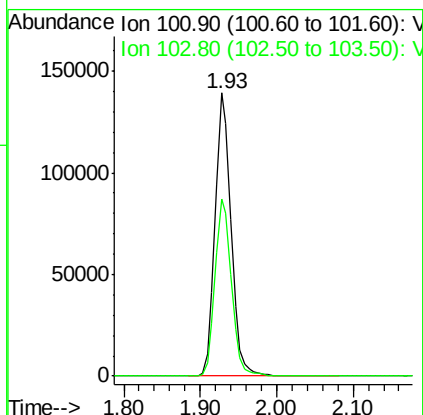
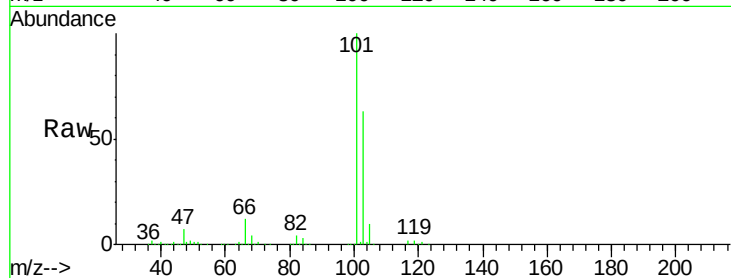


#7

Trichlorofluoromethane
 Concen: 47.014 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VX007872.D
 Acq: 06 Mar 2019 20:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

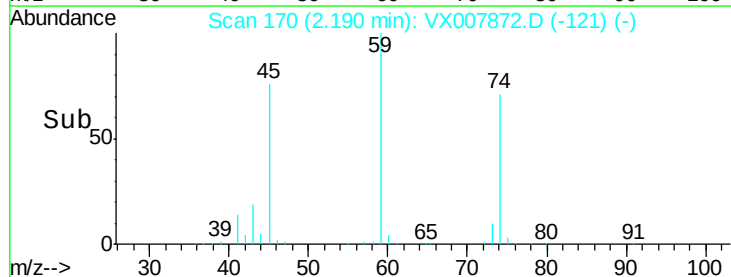
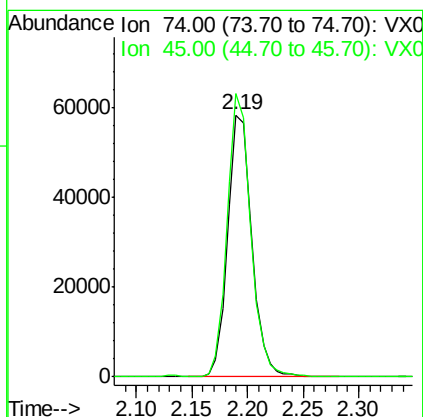
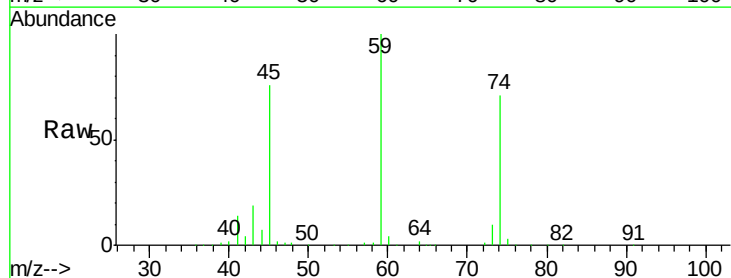
Tgt Ion: 101 Resp: 202541
 Ion Ratio Lower Upper
 101 100
 103 62.6 50.4 75.6

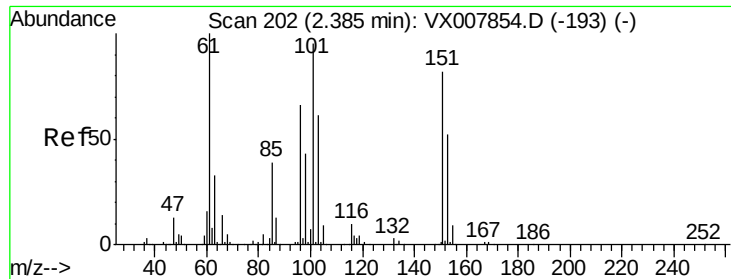


#8

Diethyl Ether
 Concen: 47.113 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX007872.D
 Acq: 06 Mar 2019 20:40

Tgt Ion: 74 Resp: 87890
 Ion Ratio Lower Upper
 74 100
 45 104.8 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.282 ug/l

RT: 2.38 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007872.D

Acq: 06 Mar 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

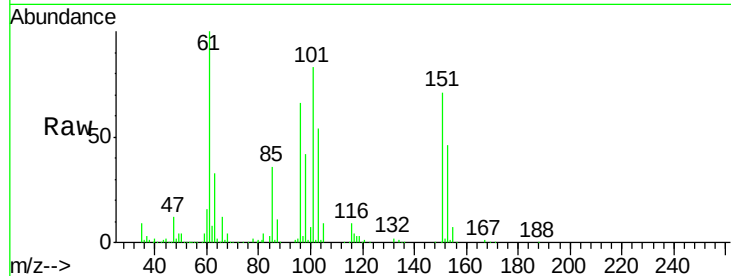
Tgt Ion:101 Resp: 123558

Ion Ratio Lower Upper

101 100

85 41.8 33.8 50.6

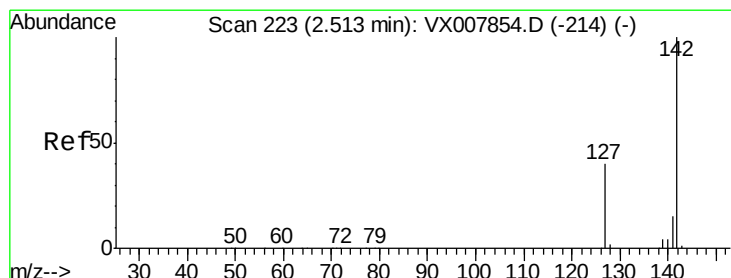
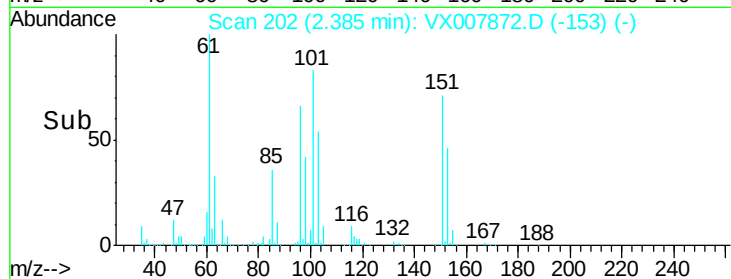
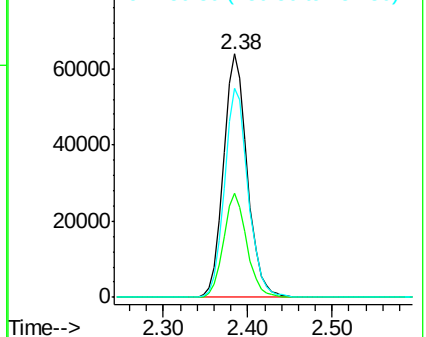
151 85.5 69.1 103.7



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: 50.042 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX007872.D

Acq: 06 Mar 2019 20:40

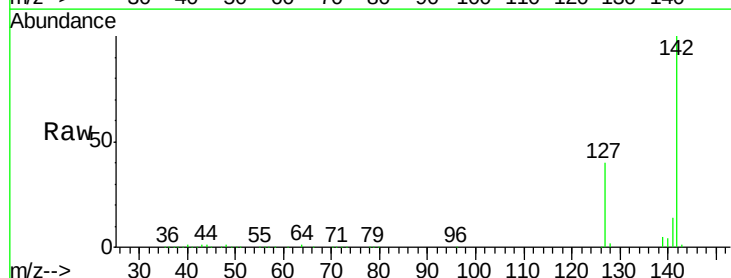
Tgt Ion:142 Resp: 189528

Ion Ratio Lower Upper

142 100

127 40.3 32.1 48.1

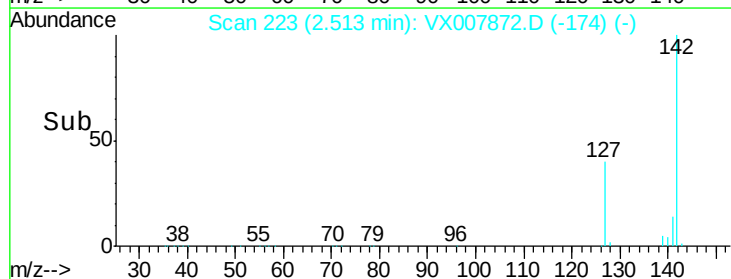
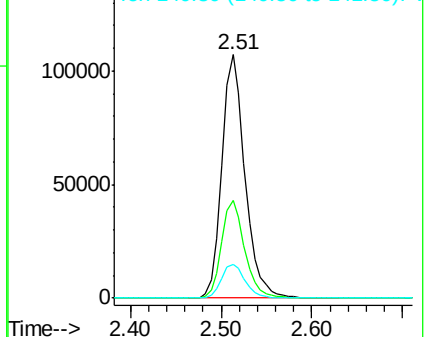
141 14.5 11.4 17.2

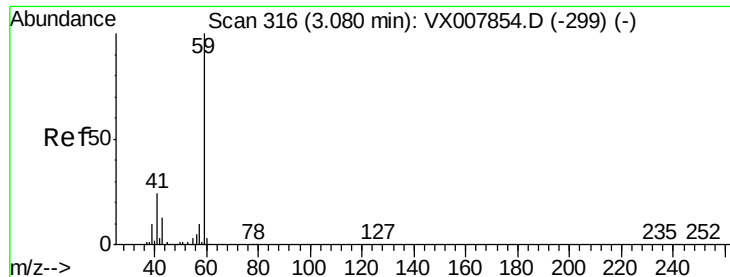


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

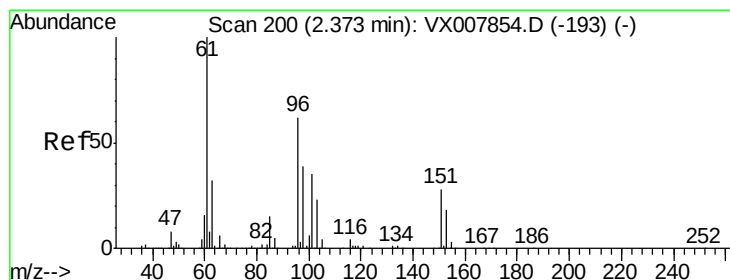
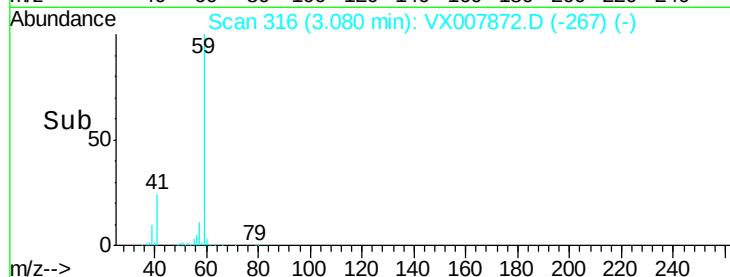
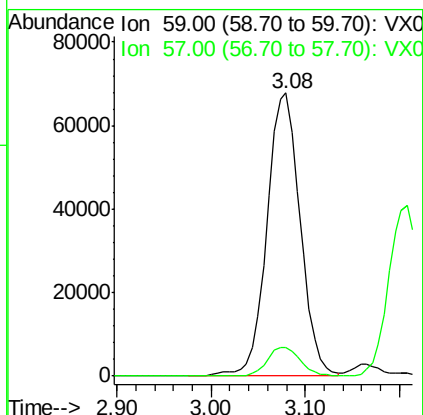
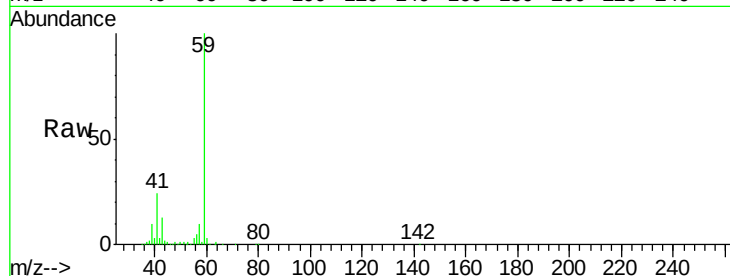




#11
Tert butyl alcohol
Concen: 234.785 ug/l
RT: 3.08 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX007872.D
Acq: 06 Mar 2019 20:40

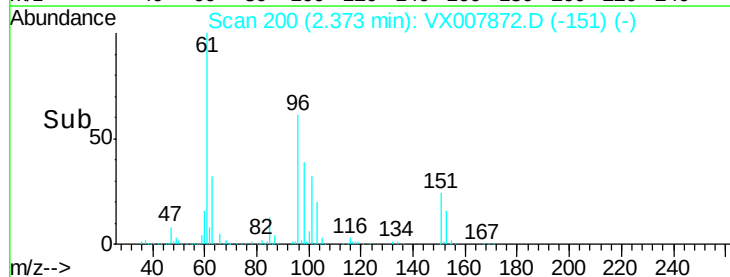
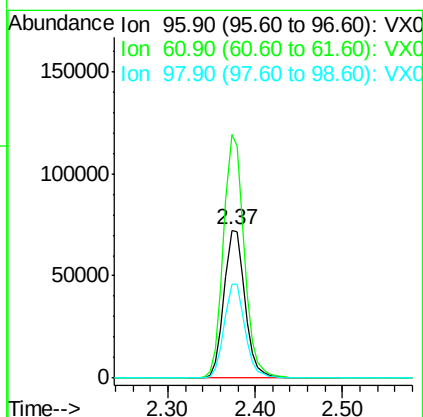
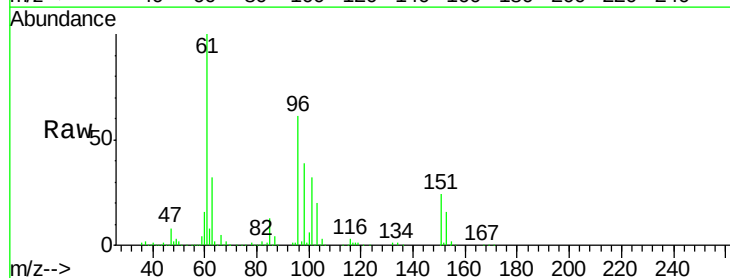
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

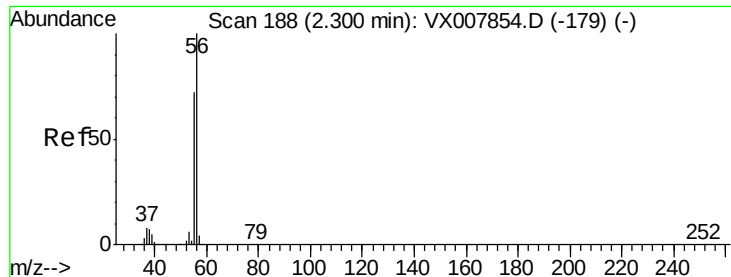
Tgt Ion: 59 Resp: 167530
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.2



#12
1,1-Dichloroethene
Concen: 46.810 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX007872.D
Acq: 06 Mar 2019 20:40

Tgt Ion: 96 Resp: 120459
Ion Ratio Lower Upper
96 100
61 164.5 129.8 194.6
98 63.6 51.0 76.6

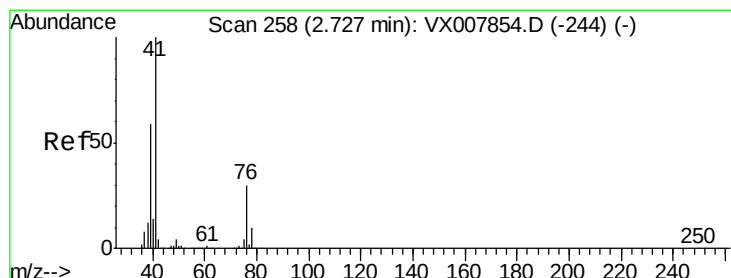
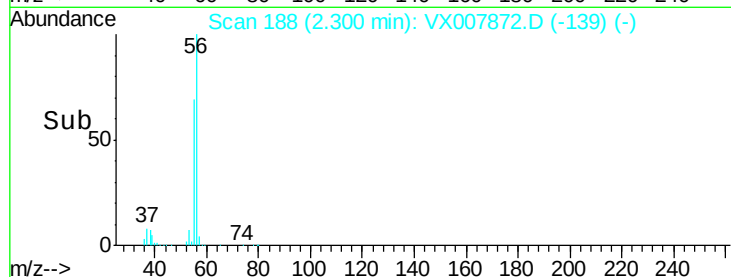
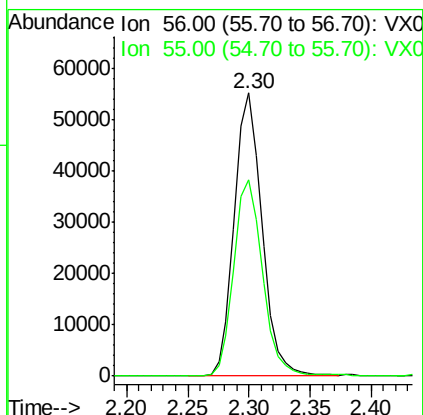
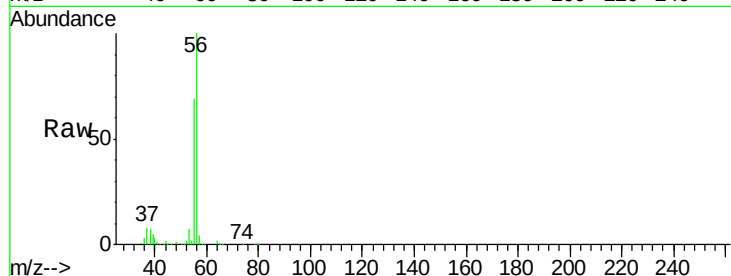




#13
Acrolein
Concen: 216.118 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.00 min
Lab File: VX007872.D
Acq: 06 Mar 2019 20:40

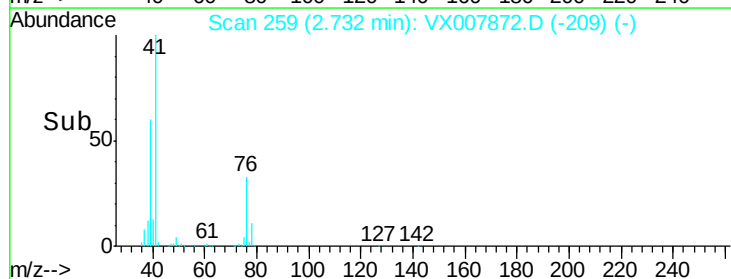
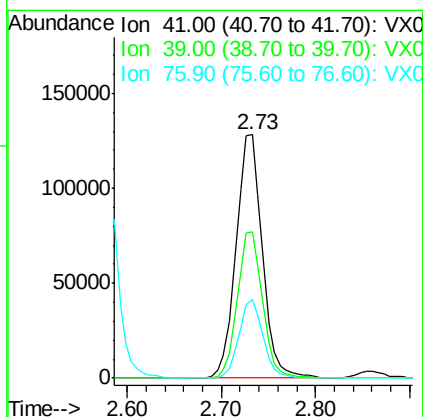
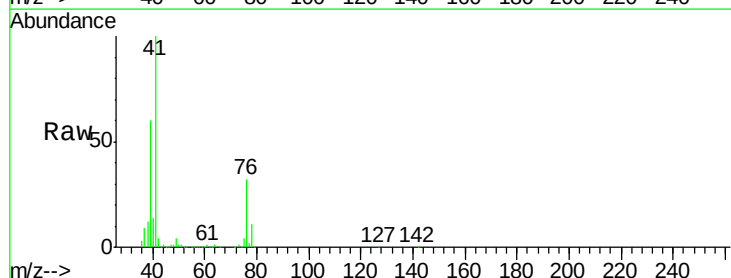
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

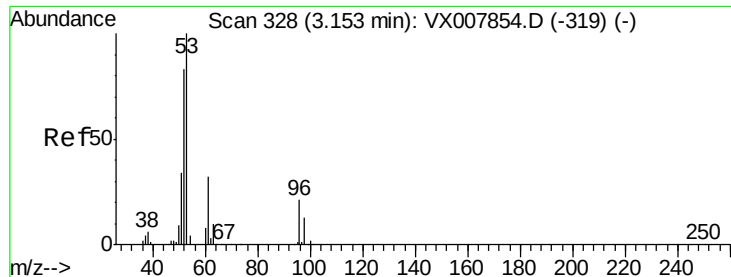
Tgt Ion: 56 Resp: 87184
Ion Ratio Lower Upper
56 100
55 71.7 57.8 86.6



#14
Allyl chloride
Concen: 46.028 ug/l
RT: 2.73 min Scan# 259
Delta R.T. 0.01 min
Lab File: VX007872.D
Acq: 06 Mar 2019 20:40

Tgt Ion: 41 Resp: 248897
Ion Ratio Lower Upper
41 100
39 57.8 46.1 69.1
76 29.8 24.0 36.0





#15

Acrylonitrile

Concen: 232.501 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX007872.D

Acq: 06 Mar 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

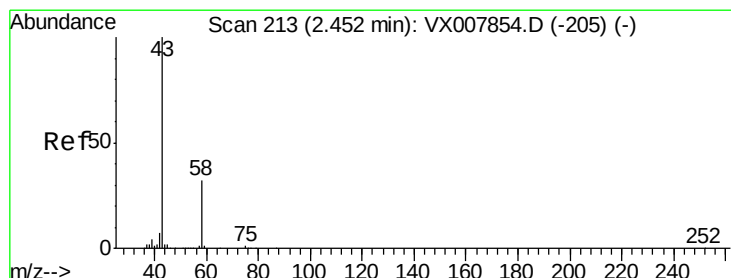
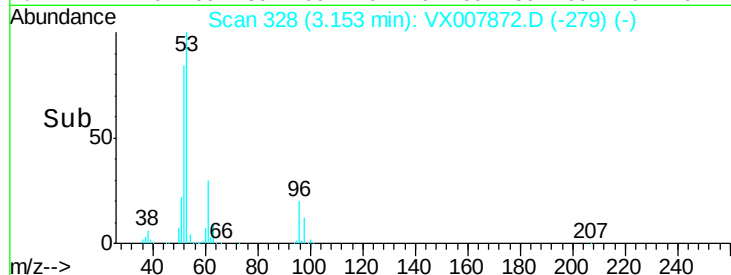
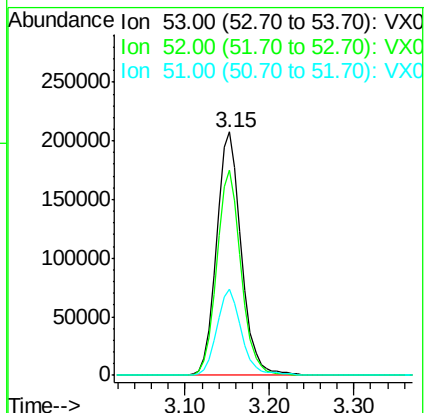
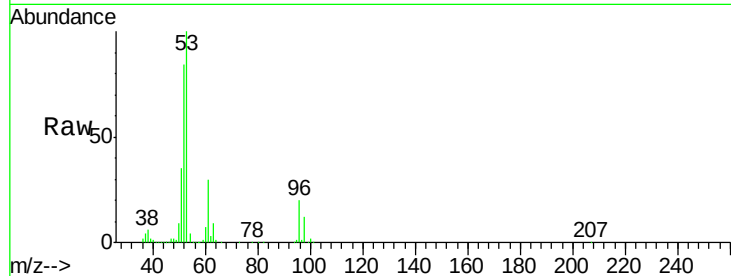
Tgt Ion: 53 Resp: 418748

Ion Ratio Lower Upper

53 100

52 83.0 66.0 99.0

51 35.4 28.0 42.0



#16

Acetone

Concen: 188.429 ug/l

RT: 2.45 min Scan# 213

Delta R.T. -0.00 min

Lab File: VX007872.D

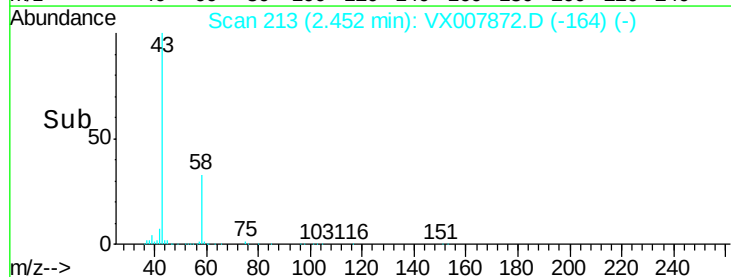
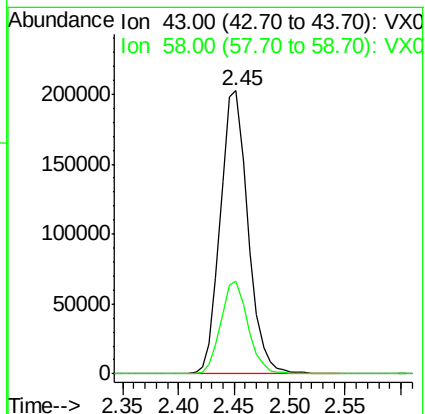
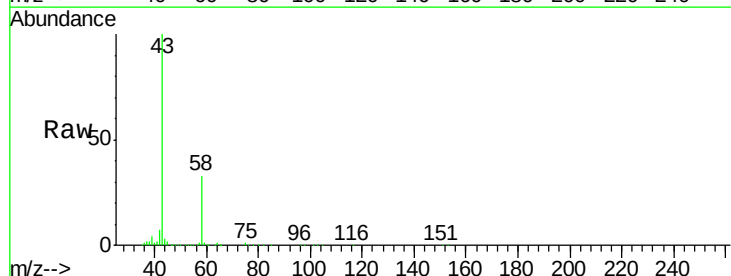
Acq: 06 Mar 2019 20:40

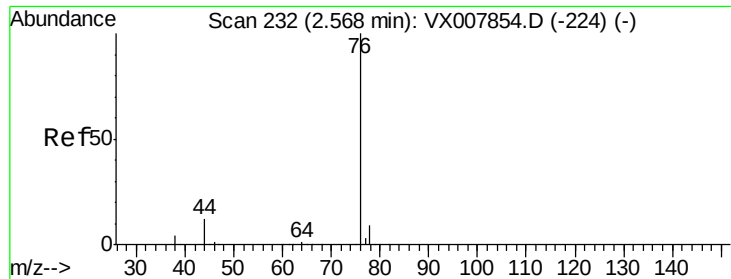
Tgt Ion: 43 Resp: 347990

Ion Ratio Lower Upper

43 100

58 32.9 25.5 38.3





#17

Carbon Disulfide

Concen: 47.731 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX007872.D

Acq: 06 Mar 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

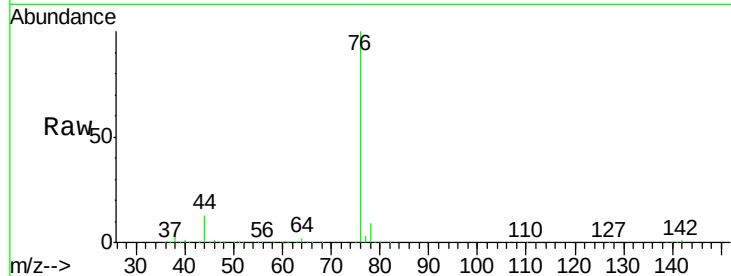
VSTDCCC050EC

Tgt Ion: 76 Resp: 373164

Ion Ratio Lower Upper

76 100

78 9.2 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

200000

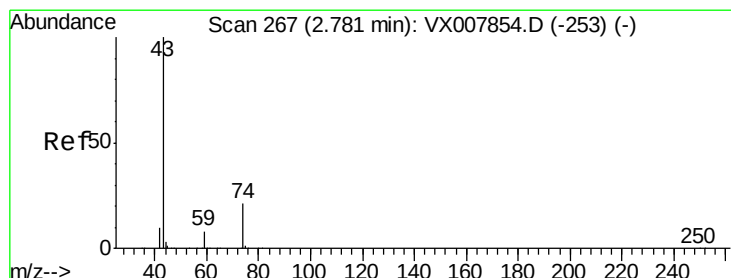
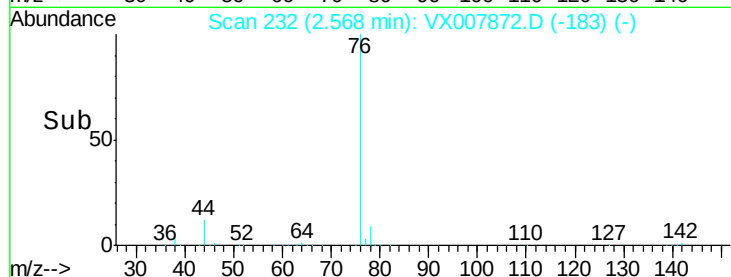
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 47.894 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX007872.D

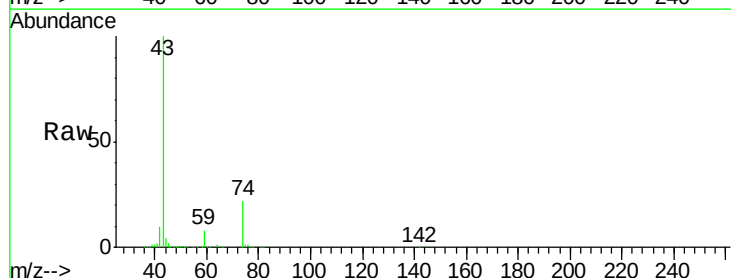
Acq: 06 Mar 2019 20:40

Tgt Ion: 43 Resp: 187907

Ion Ratio Lower Upper

43 100

74 21.9 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

120000

100000

80000

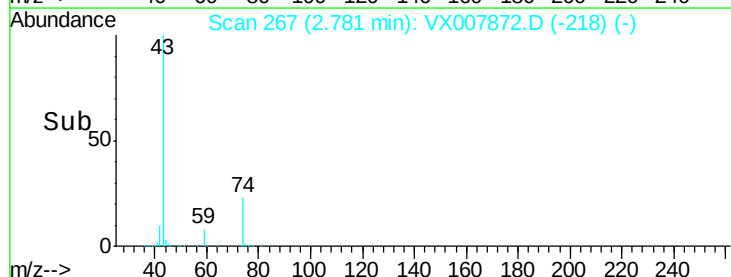
60000

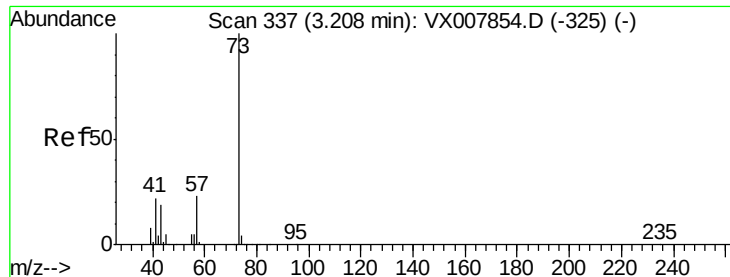
40000

20000

0

Time-->

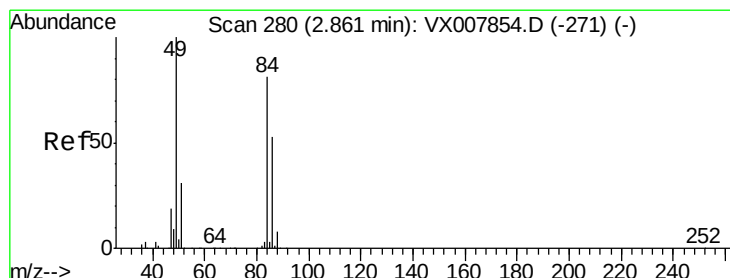
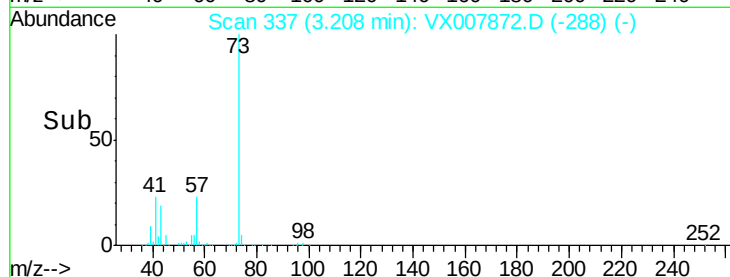
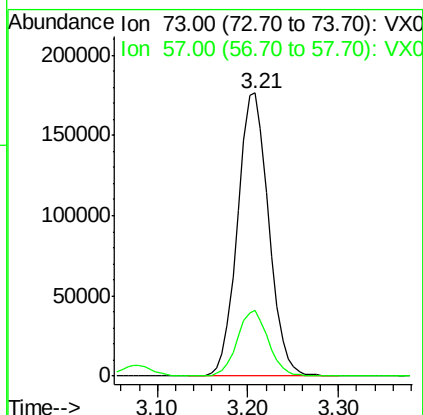
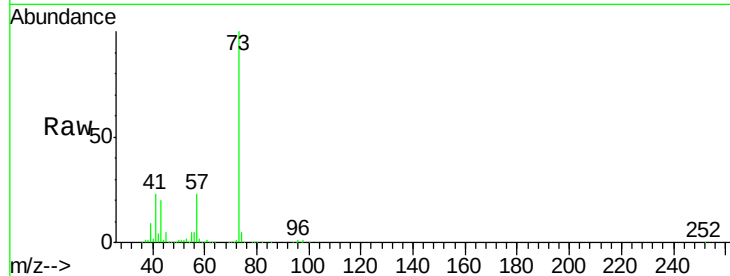




#19
Methyl tert-butyl Ether
Concen: 47.399 ug/l
RT: 3.21 min Scan# 337
Delta R.T. -0.00 min
Lab File: VX007872.D
Acq: 06 Mar 2019 20:40

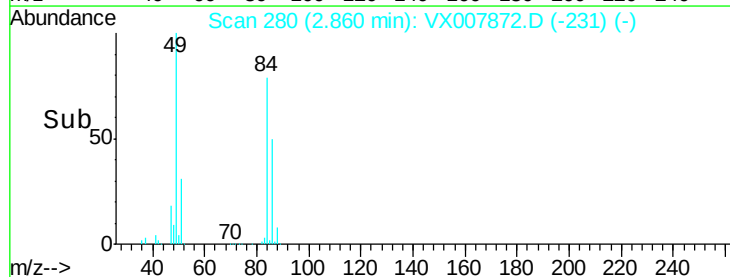
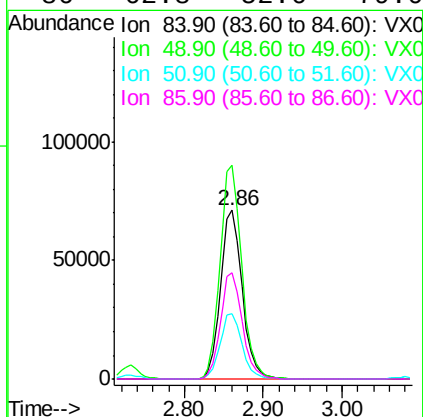
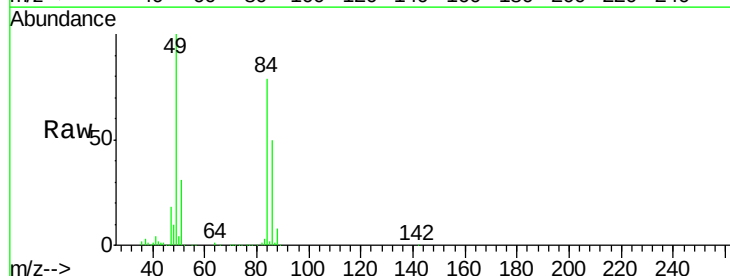
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

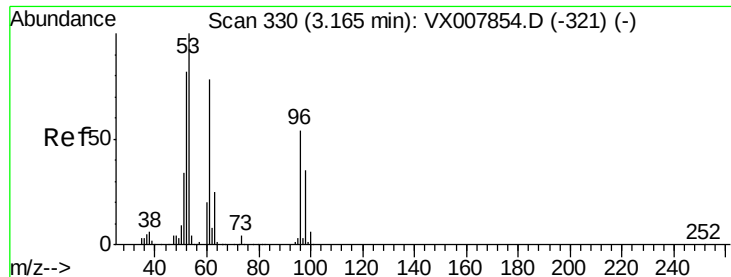
Tgt Ion: 73 Resp: 419623
Ion Ratio Lower Upper
73 100
57 23.2 18.2 27.4



#20
Methylene Chloride
Concen: 46.373 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX007872.D
Acq: 06 Mar 2019 20:40

Tgt Ion: 84 Resp: 136299
Ion Ratio Lower Upper
84 100
49 126.9 99.3 148.9
51 38.9 31.3 46.9
86 62.8 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 45.797 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007872.D

Acq: 06 Mar 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

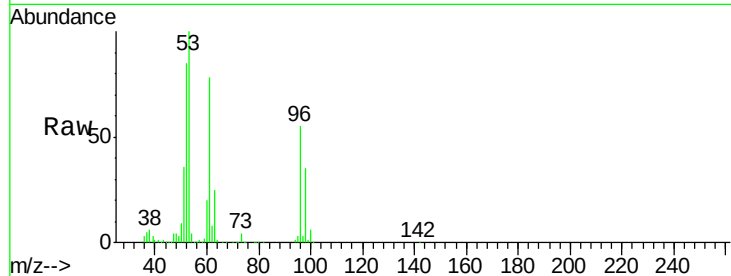
Tgt Ion: 96 Resp: 129676

Ion Ratio Lower Upper

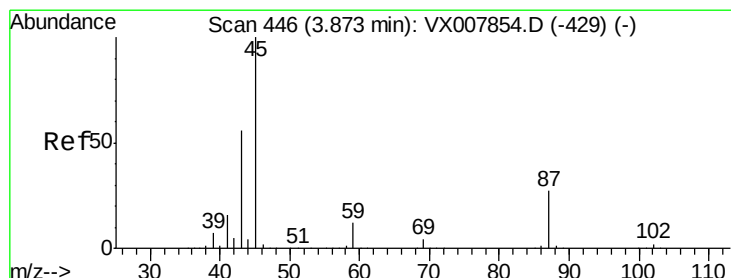
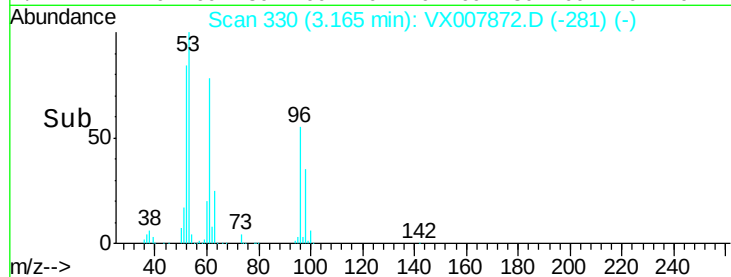
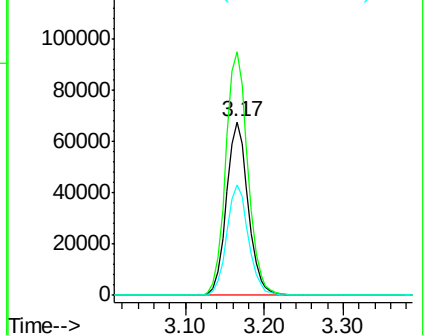
96 100

61 140.3 114.4 171.6

98 63.4 51.1 76.7



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: 47.934 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX007872.D

Acq: 06 Mar 2019 20:40

Tgt Ion: 45 Resp: 475142

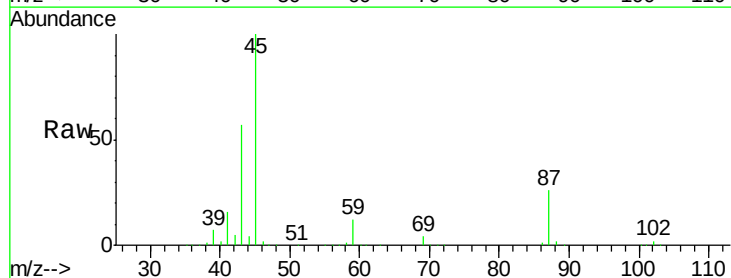
Ion Ratio Lower Upper

45 100

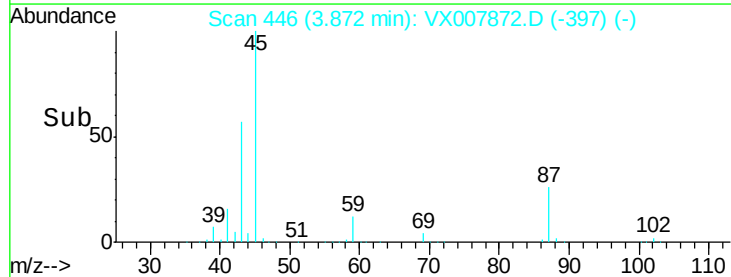
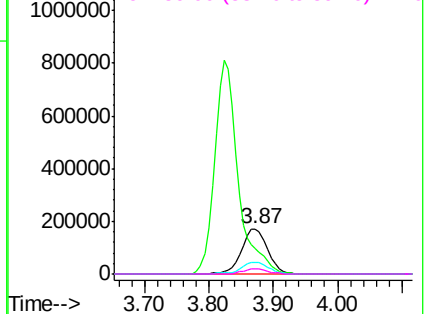
43 57.2 45.3 67.9

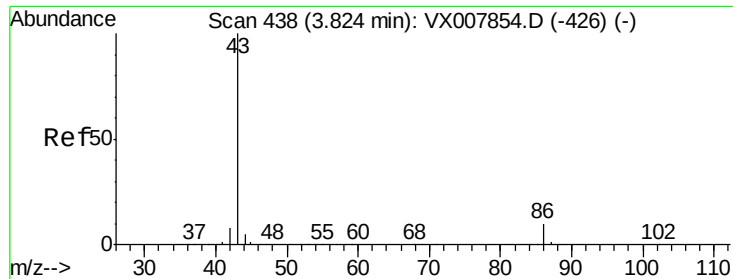
87 26.5 21.4 32.0

59 11.5 9.5 14.3



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: 238.587 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX007872.D

Acq: 06 Mar 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

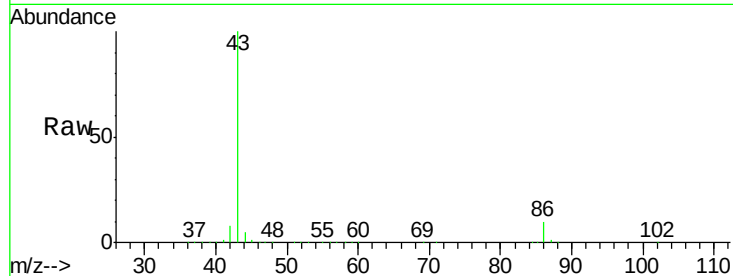
VSTDCCC050EC

Tgt Ion: 43 Resp: 2073920

Ion Ratio Lower Upper

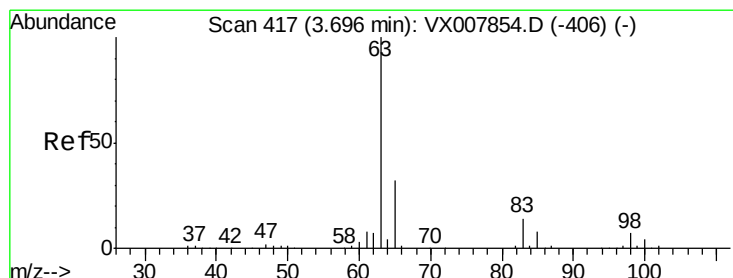
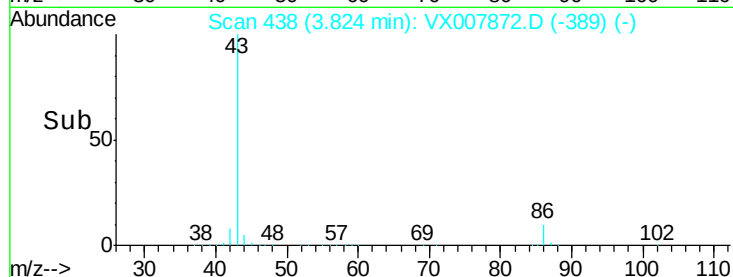
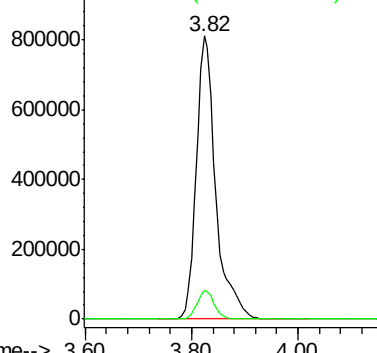
43 100

86 10.0 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 47.174 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007872.D

Acq: 06 Mar 2019 20:40

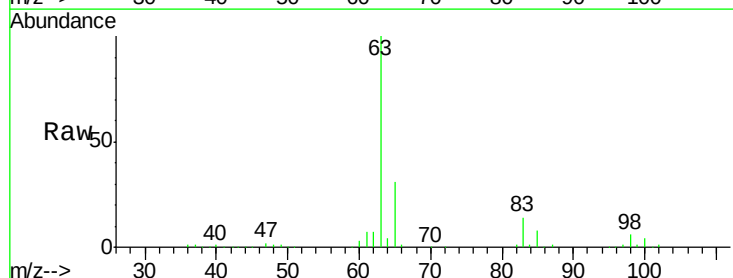
Tgt Ion: 63 Resp: 251643

Ion Ratio Lower Upper

63 100

98 6.1 3.3 9.8

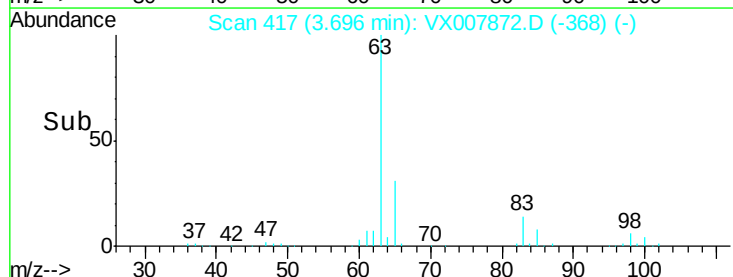
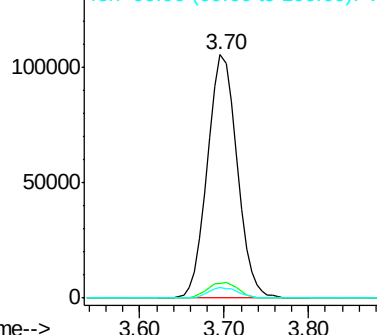
100 4.2 2.3 6.8

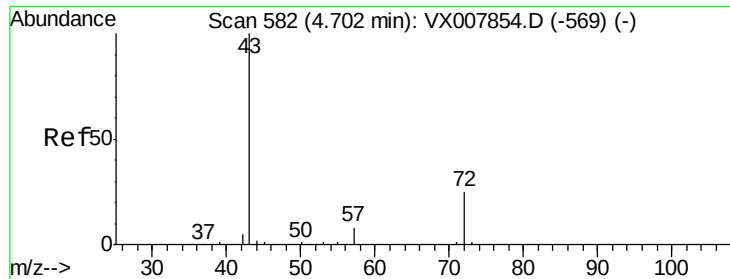


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 223.561 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX007872.D

Acq: 06 Mar 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

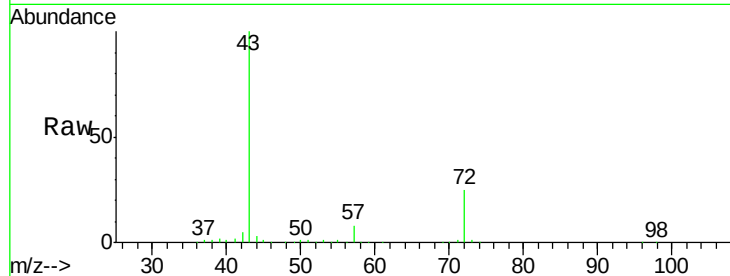
VSTDCCC050EC

Tgt Ion: 43 Resp: 584519

Ion Ratio Lower Upper

43 100

72 25.3 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.70

200000

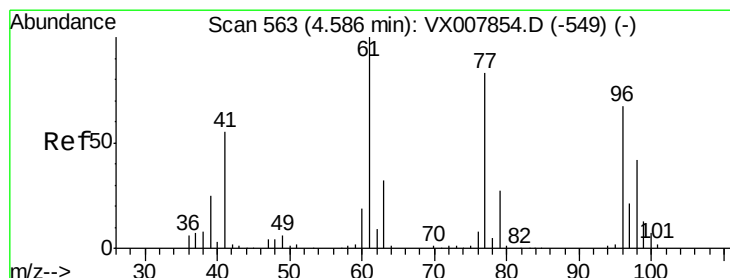
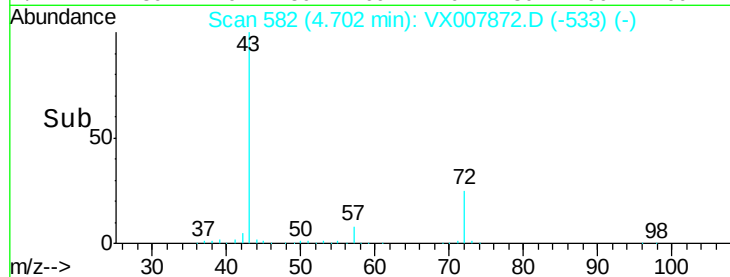
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 42.137 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX007872.D

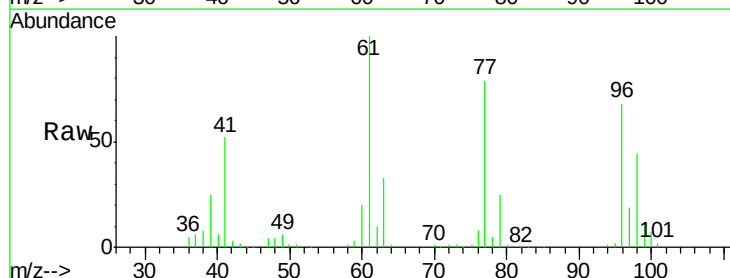
Acq: 06 Mar 2019 20:40

Tgt Ion: 77 Resp: 148917

Ion Ratio Lower Upper

77 100

97 25.2 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.59

50000

40000

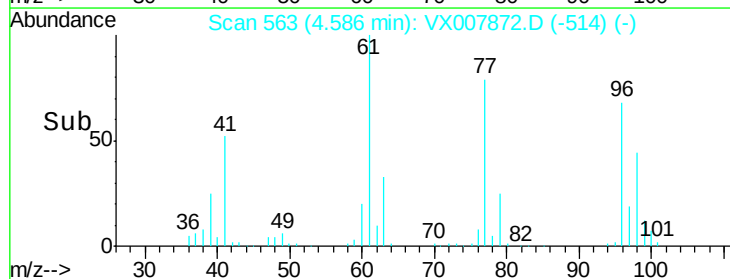
30000

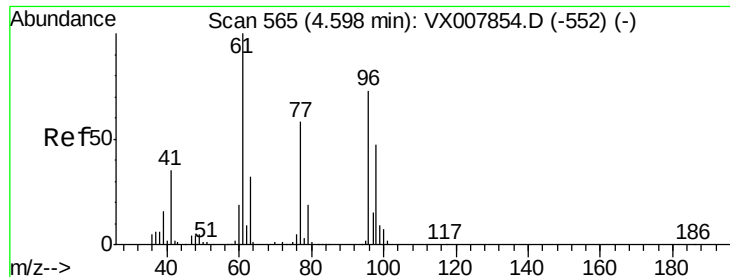
20000

10000

0

Time-->



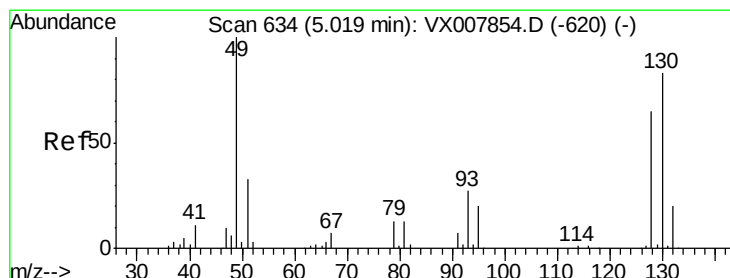
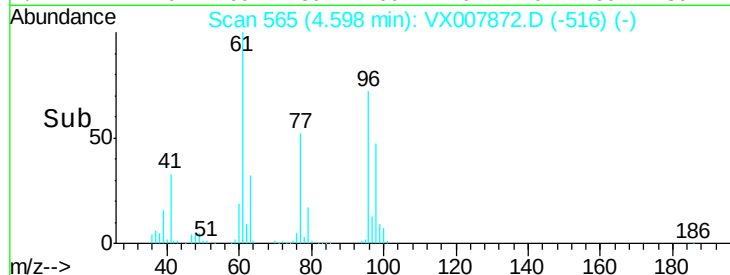
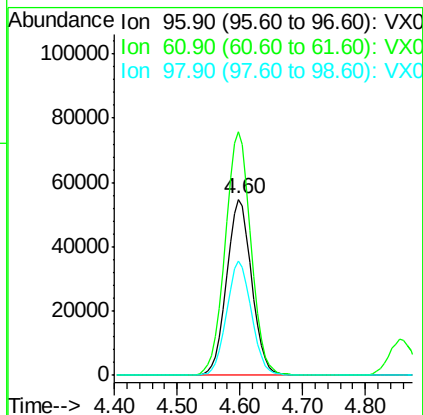
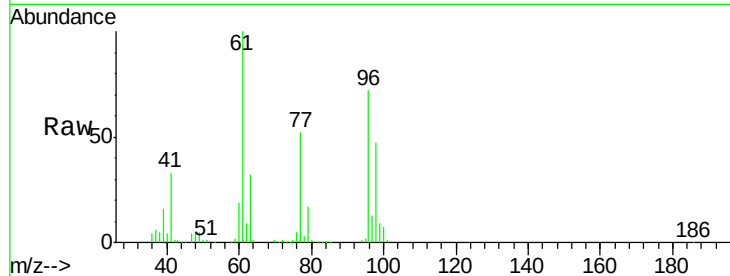


#27

cis-1,2-Dichloroethene
Concen: 46.689 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX007872.D
Acq: 06 Mar 2019 20:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

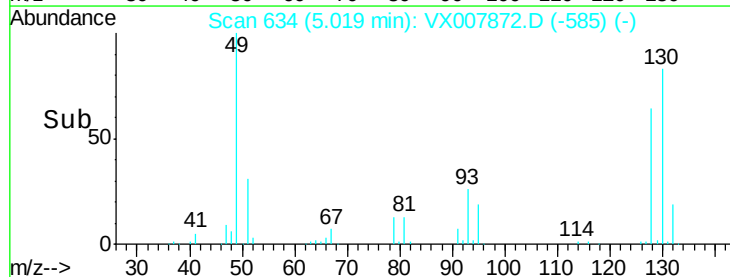
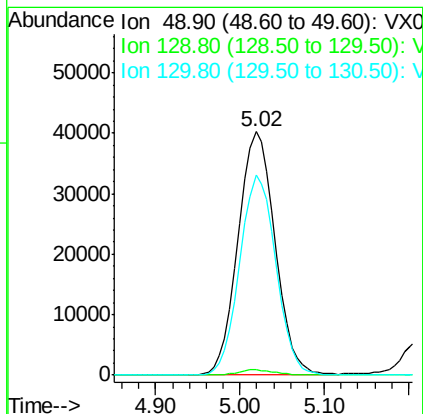
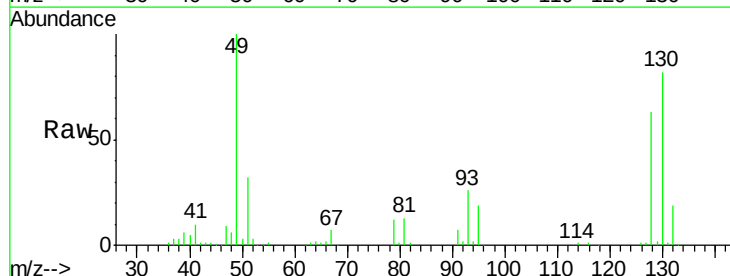
Tgt Ion: 96 Resp: 151279
Ion Ratio Lower Upper
96 100
61 142.2 0.0 288.0
98 64.3 0.0 129.0

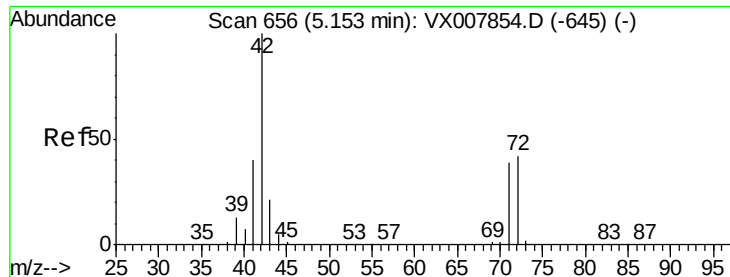


#28

Bromochloromethane
Concen: 48.312 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX007872.D
Acq: 06 Mar 2019 20:40

Tgt Ion: 49 Resp: 120148
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.0
130 80.7 65.0 97.4

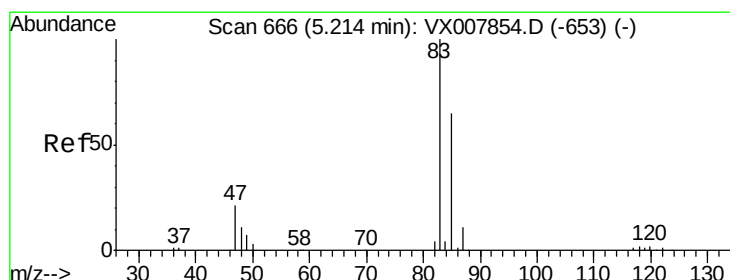
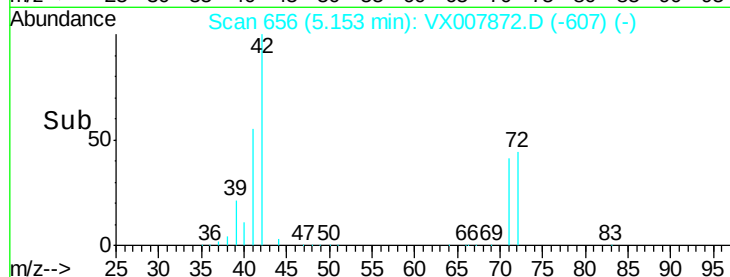
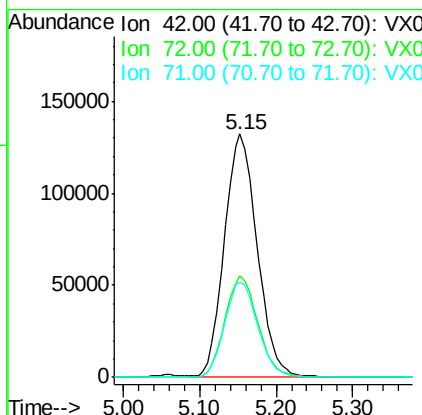
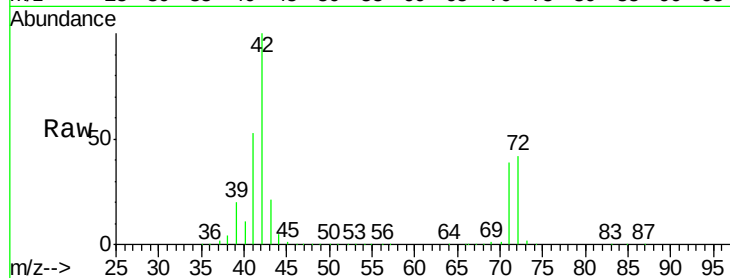




#29
Tetrahydrofuran
Concen: 239.649 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX007872.D
Acq: 06 Mar 2019 20:40

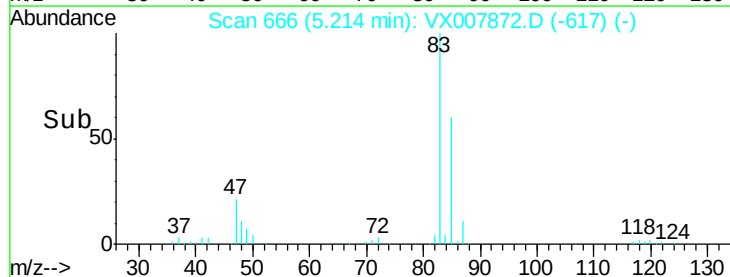
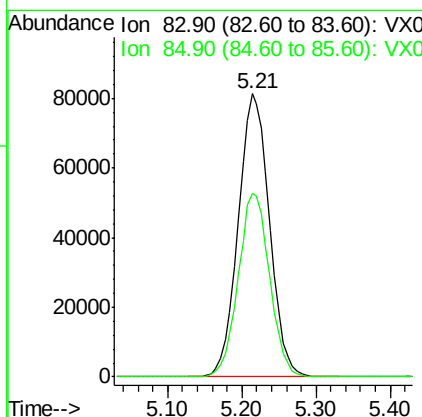
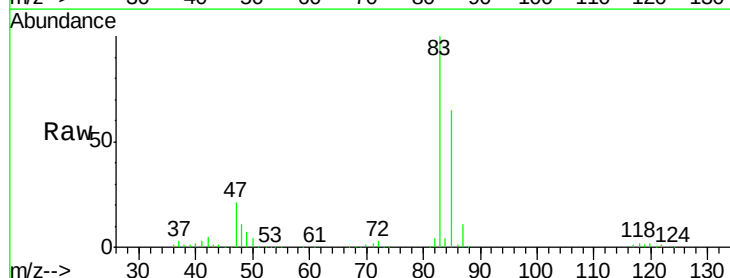
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

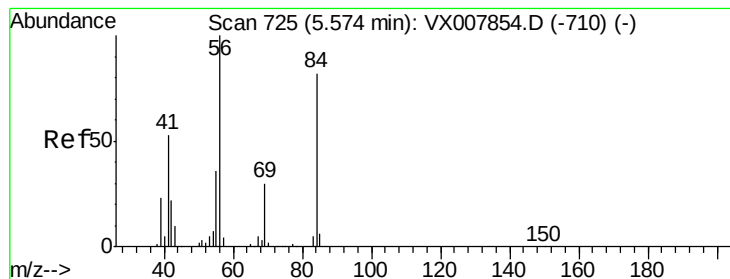
Tgt Ion: 42 Resp: 390840
Ion Ratio Lower Upper
42 100
72 42.2 33.8 50.6
71 39.6 31.5 47.3



#30
Chloroform
Concen: 47.360 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX007872.D
Acq: 06 Mar 2019 20:40

Tgt Ion: 83 Resp: 238977
Ion Ratio Lower Upper
83 100
85 65.0 51.8 77.6





#31

Cyclohexane

Concen: 47.763 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX007872.D

Acq: 06 Mar 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

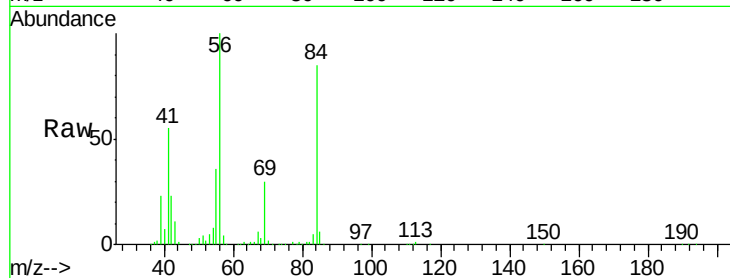
Tgt Ion: 56 Resp: 234166

Ion Ratio Lower Upper

56 100

69 30.3 24.0 36.0

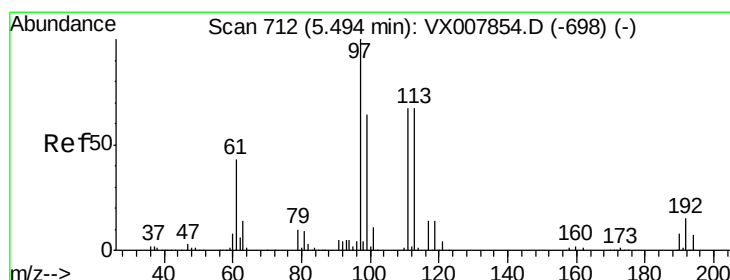
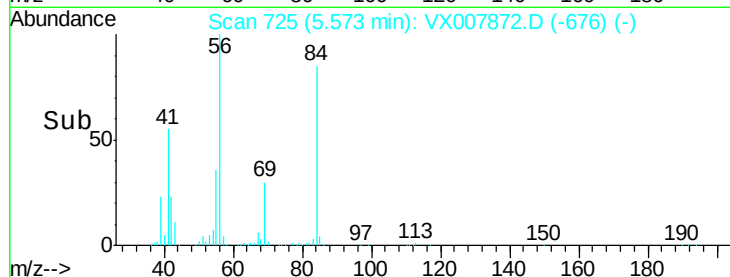
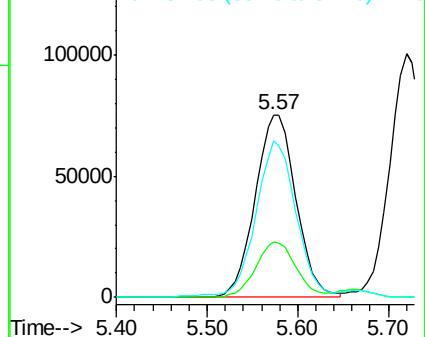
84 84.5 65.3 97.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 48.172 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX007872.D

Acq: 06 Mar 2019 20:40

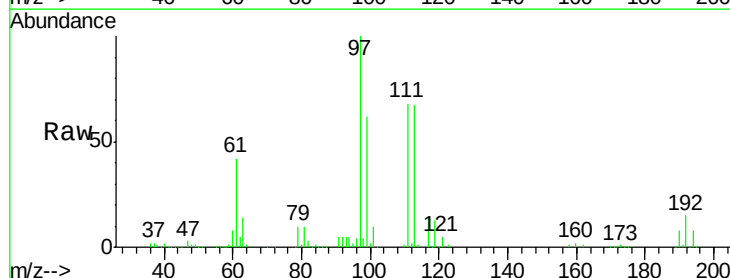
Tgt Ion: 97 Resp: 201680

Ion Ratio Lower Upper

97 100

99 64.0 52.2 78.2

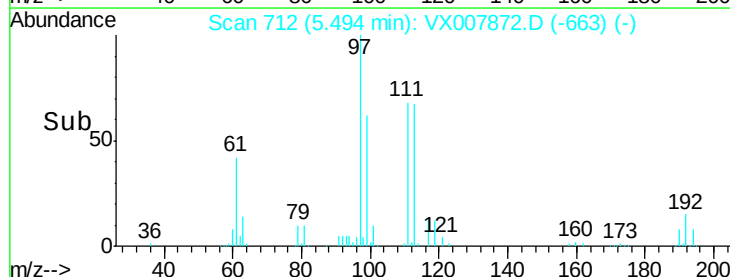
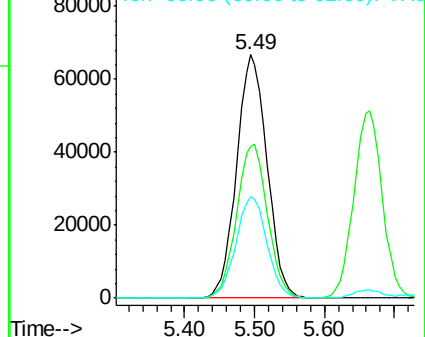
61 42.5 34.9 52.3

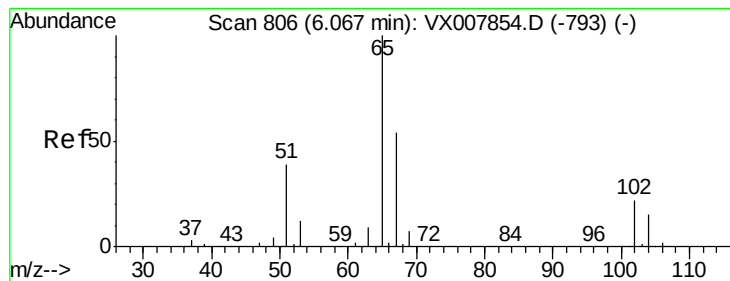


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 50.335 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007872.D

Acq: 06 Mar 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

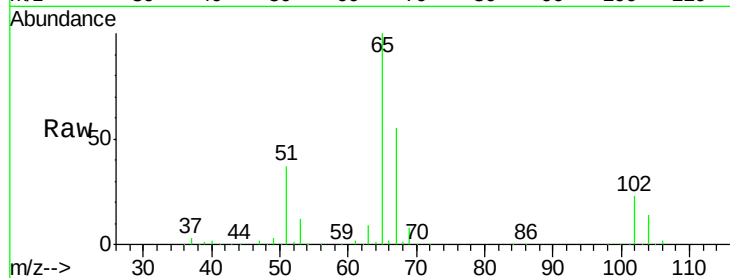
VSTDCCC050EC

Tgt Ion: 65 Resp: 160602

Ion Ratio Lower Upper

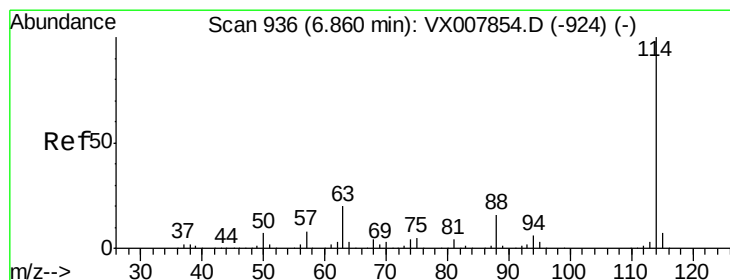
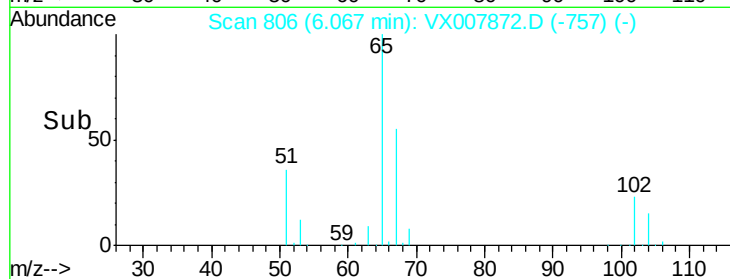
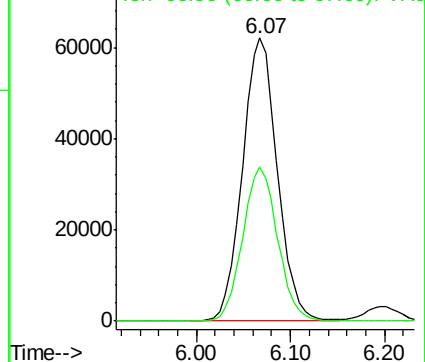
65 100

67 54.6 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007872.D

Acq: 06 Mar 2019 20:40

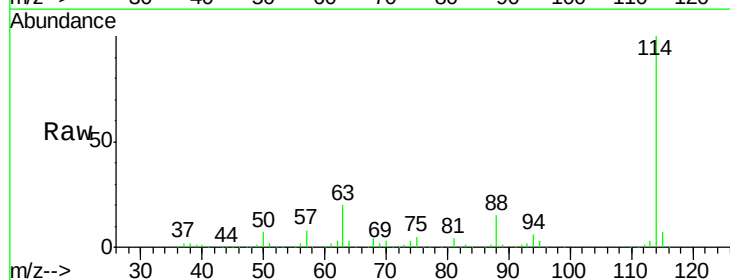
Tgt Ion: 114 Resp: 440472

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.8

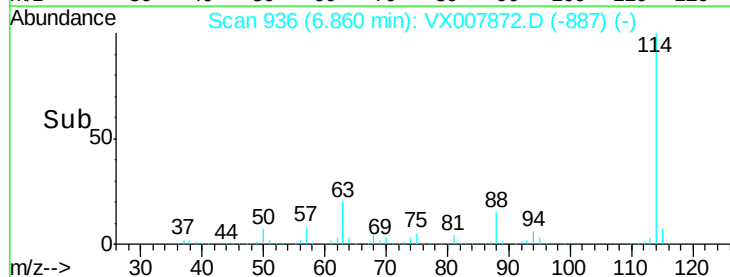
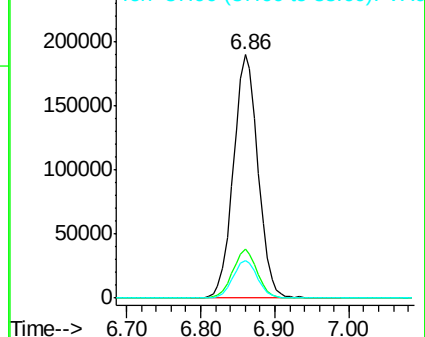
88 15.4 0.0 31.4

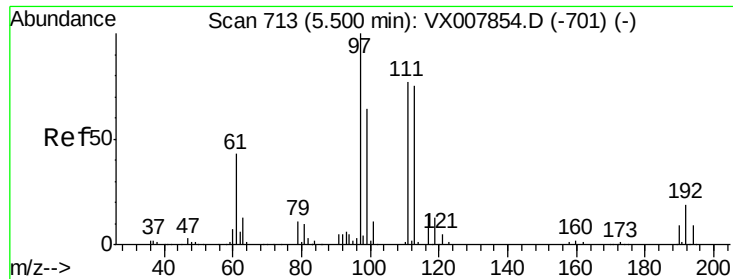


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

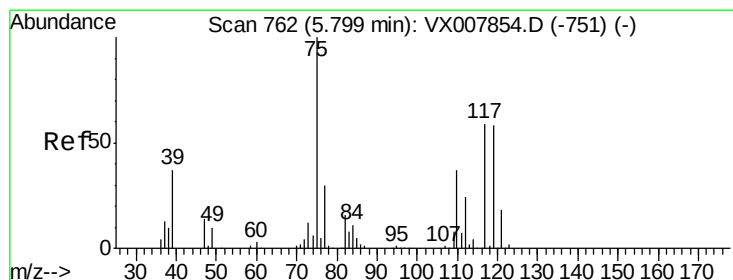
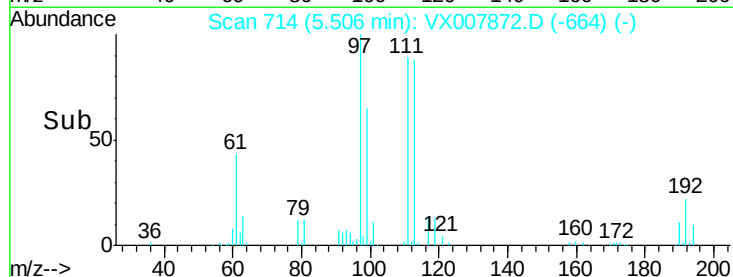
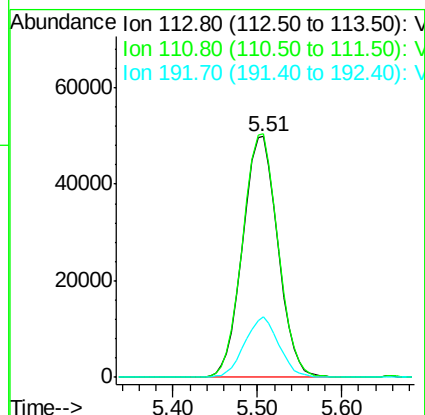
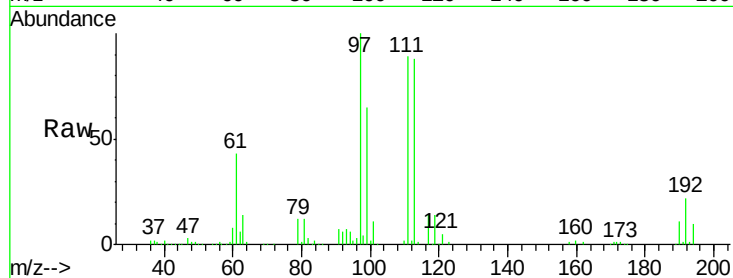




#35
Dibromofluoromethane
Concen: 50.295 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX007872.D
Acq: 06 Mar 2019 20:40

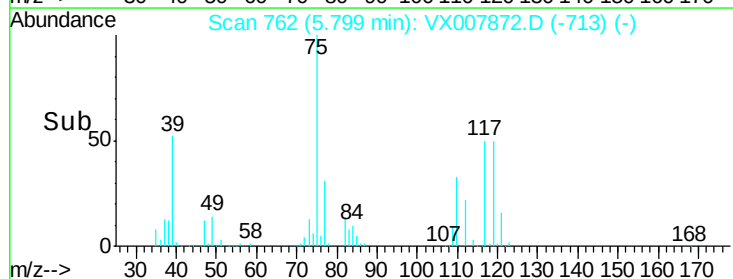
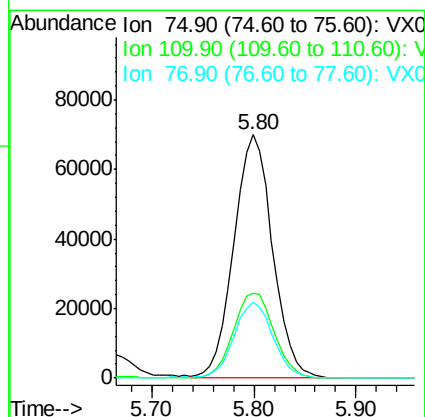
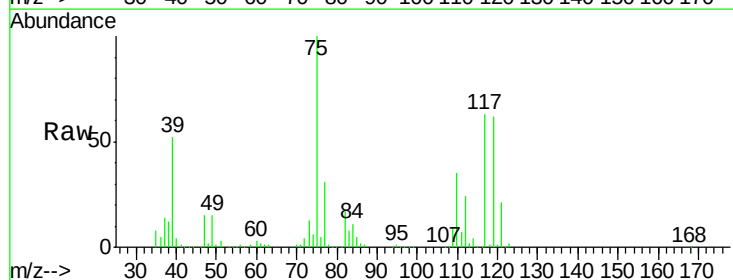
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

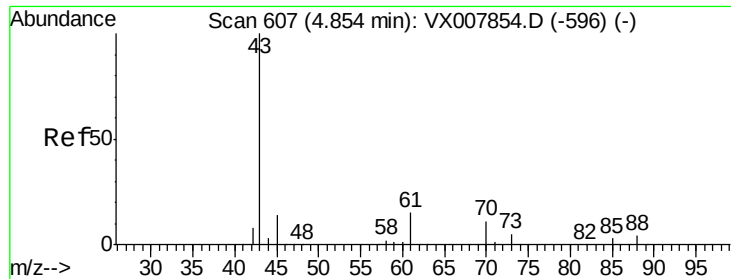
Tgt Ion:113 Resp: 141710
Ion Ratio Lower Upper
113 100
111 101.4 81.4 122.0
192 24.2 19.4 29.0



#36
1,1-Dichloropropene
Concen: 45.935 ug/l
RT: 5.80 min Scan# 762
Delta R.T. -0.00 min
Lab File: VX007872.D
Acq: 06 Mar 2019 20:40

Tgt Ion: 75 Resp: 183205
Ion Ratio Lower Upper
75 100
110 36.8 18.4 55.0
77 31.6 25.0 37.4

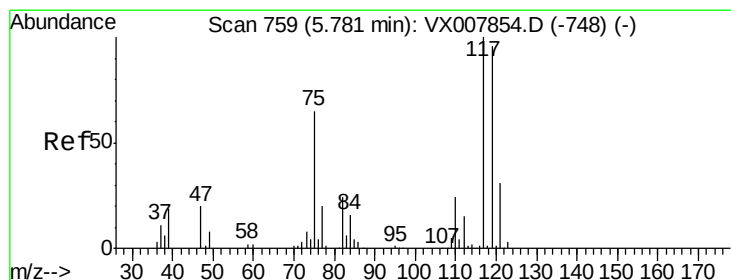
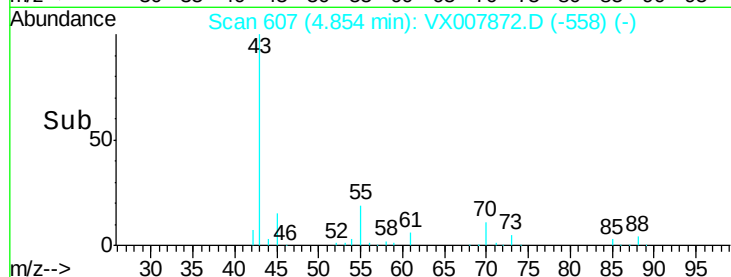
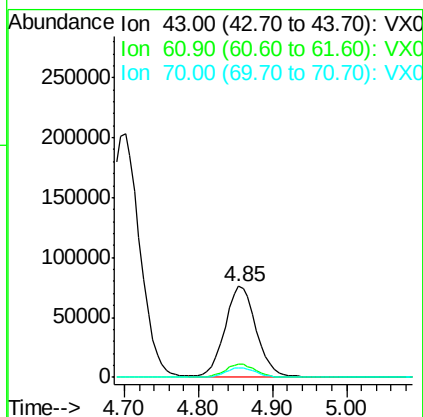
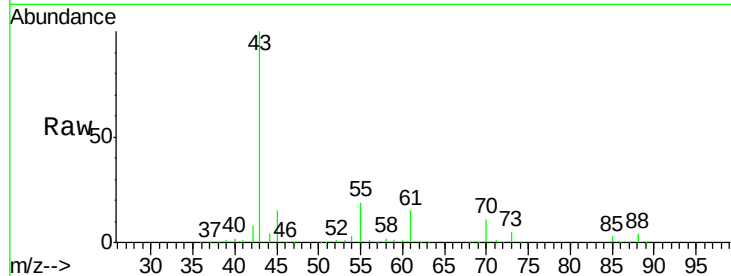




#37
Ethyl Acetate
Concen: 46.979 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX007872.D
Acq: 06 Mar 2019 20:40

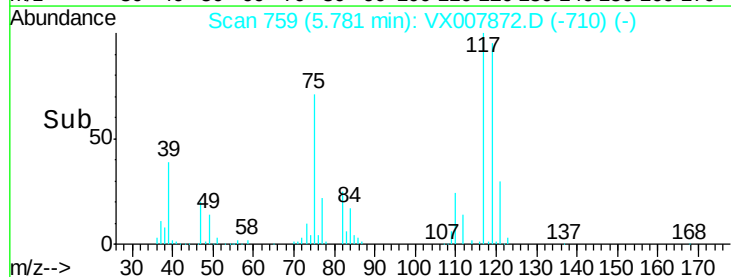
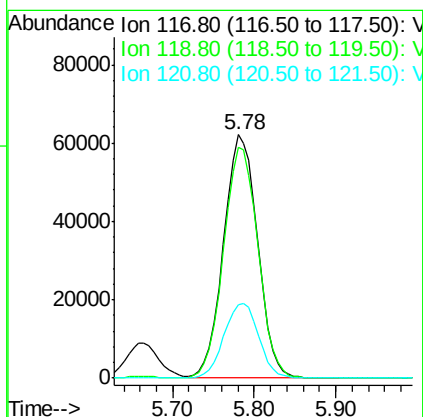
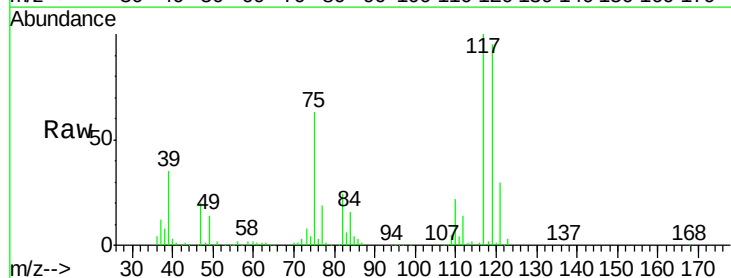
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

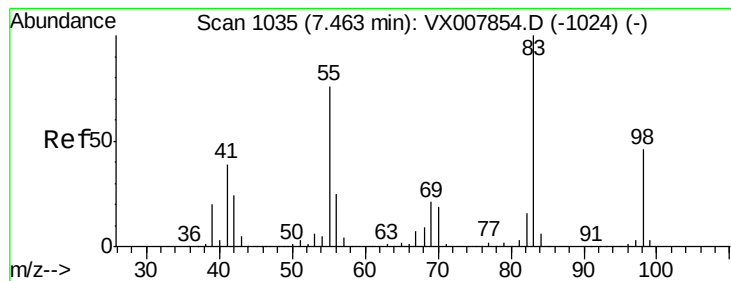
Tgt Ion: 43 Resp: 222353
Ion Ratio Lower Upper
43 100
61 14.0 11.3 16.9
70 10.6 8.5 12.7



#38
Carbon Tetrachloride
Concen: 47.322 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX007872.D
Acq: 06 Mar 2019 20:40

Tgt Ion: 117 Resp: 179183
Ion Ratio Lower Upper
117 100
119 95.1 76.2 114.2
121 30.3 24.6 36.8





#39

Methylcyclohexane

Concen: 47.770 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. -0.00 min

Lab File: VX007872.D

Acq: 06 Mar 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

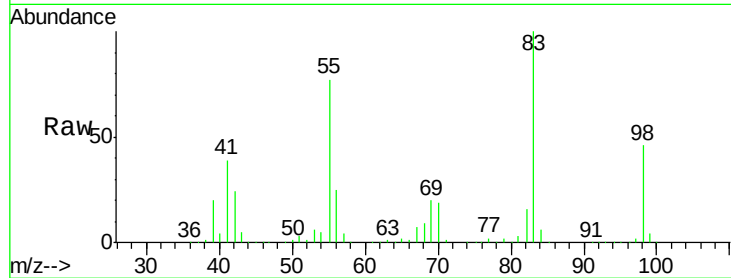
Tgt Ion: 83 Resp: 230866

Ion Ratio Lower Upper

83 100

55 76.7 60.4 90.6

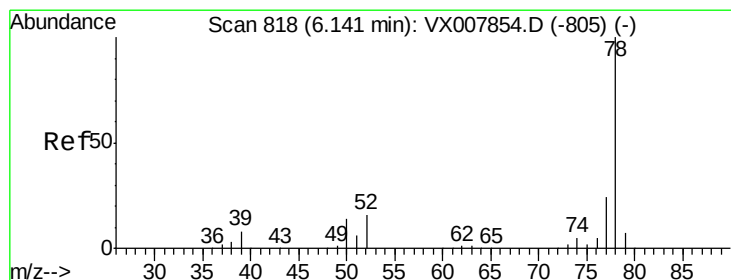
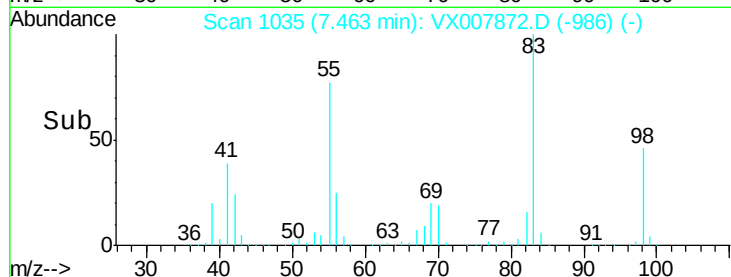
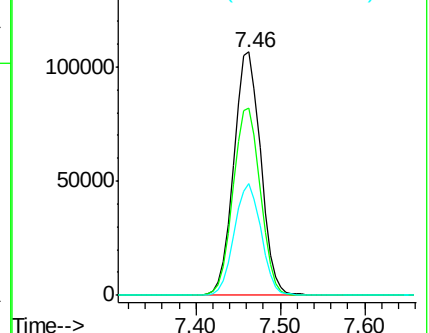
98 46.0 36.5 54.7



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#40

Benzene

Concen: 47.717 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX007872.D

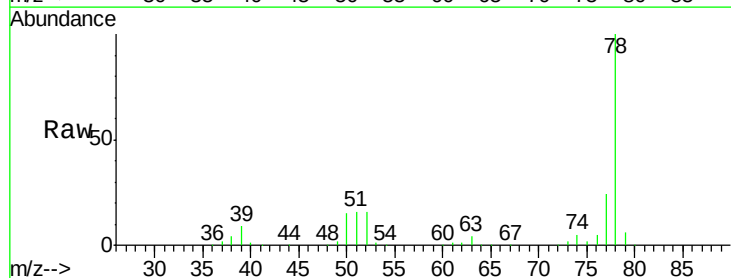
Acq: 06 Mar 2019 20:40

Tgt Ion: 78 Resp: 566570

Ion Ratio Lower Upper

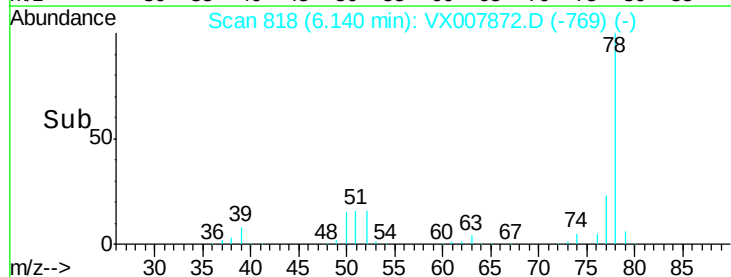
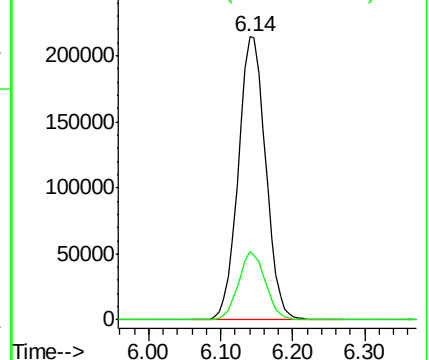
78 100

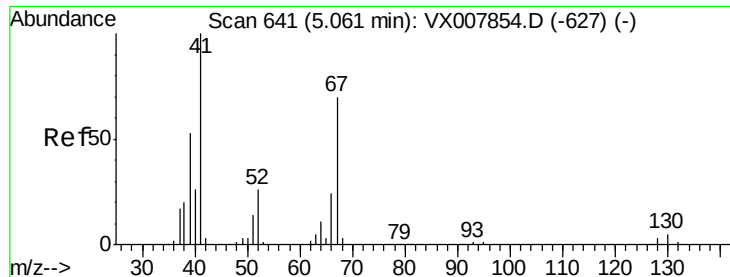
77 23.9 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

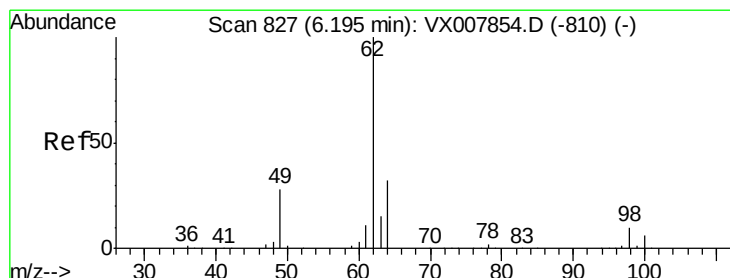
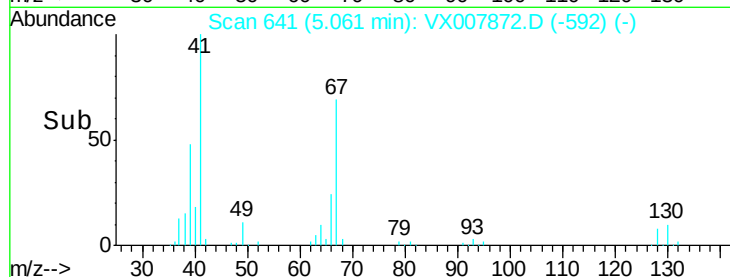
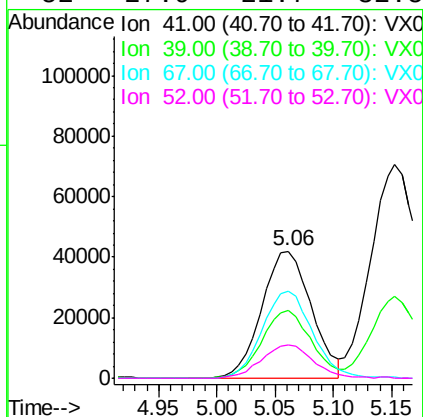
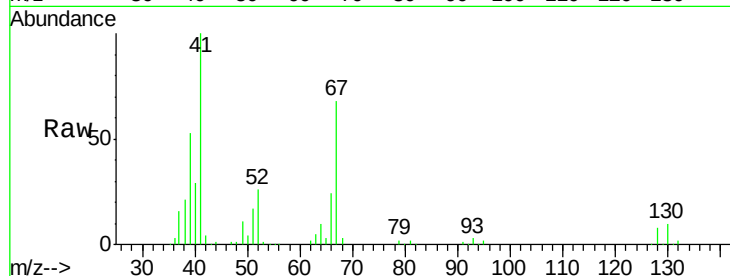




#41
Methacrylonitrile
Concen: 48.088 ug/l
RT: 5.06 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX007872.D
Acq: 06 Mar 2019 20:40

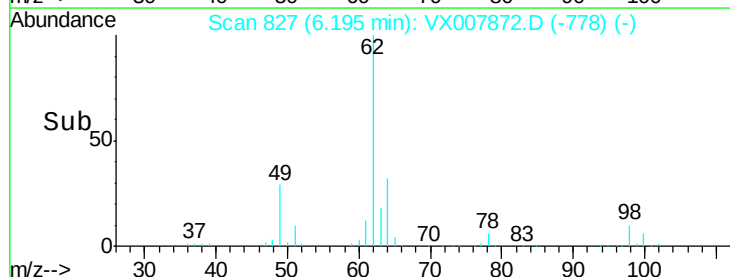
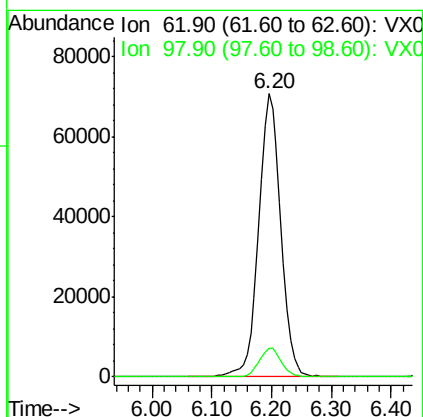
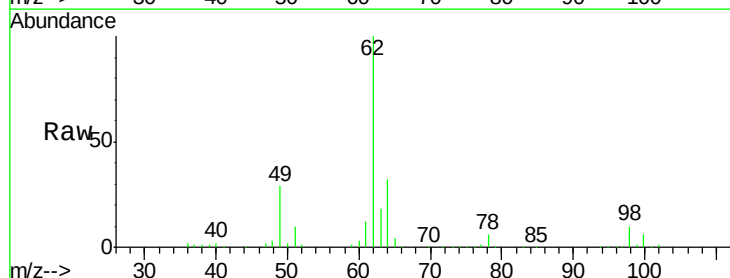
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

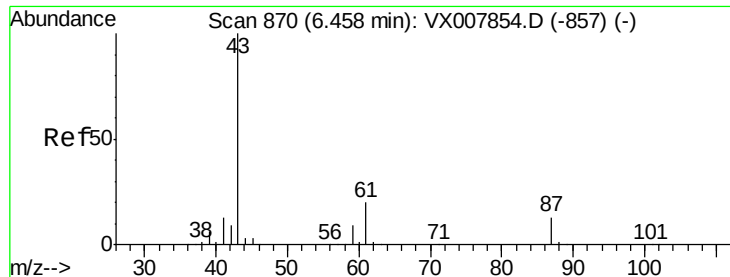
Tgt Ion:	41	Resp:	124087
Ion	Ratio	Lower	Upper
41	100		
39	53.8	41.6	62.4
67	69.5	55.8	83.6
52	27.9	21.7	32.5



#42
1,2-Dichloroethane
Concen: 47.062 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX007872.D
Acq: 06 Mar 2019 20:40

Tgt Ion:	62	Resp:	182743
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.4





#43

Isopropyl Acetate

Concen: 48.479 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX007872.D

Acq: 06 Mar 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

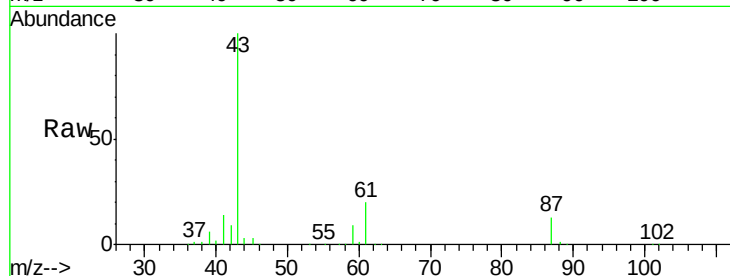
Tgt Ion: 43 Resp: 339576

Ion Ratio Lower Upper

43 100

61 20.3 16.3 24.5

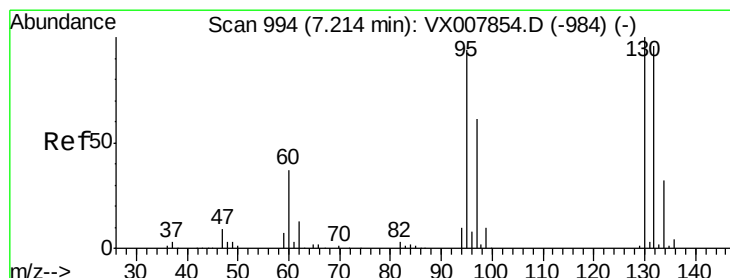
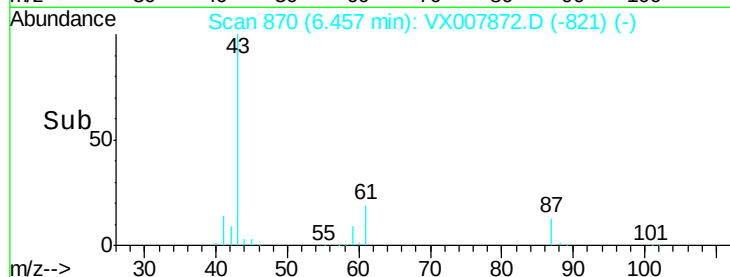
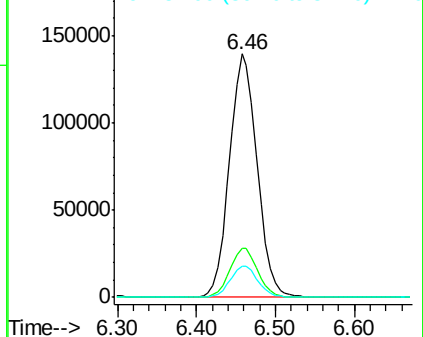
87 13.0 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 46.474 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX007872.D

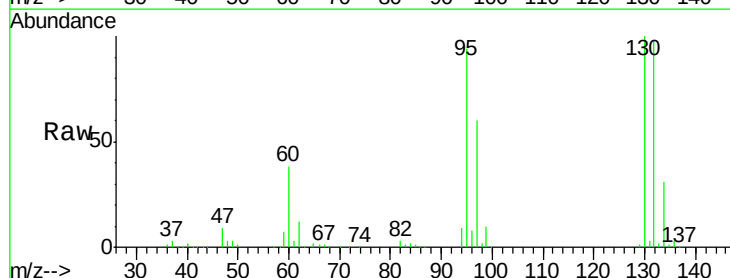
Acq: 06 Mar 2019 20:40

Tgt Ion: 130 Resp: 152071

Ion Ratio Lower Upper

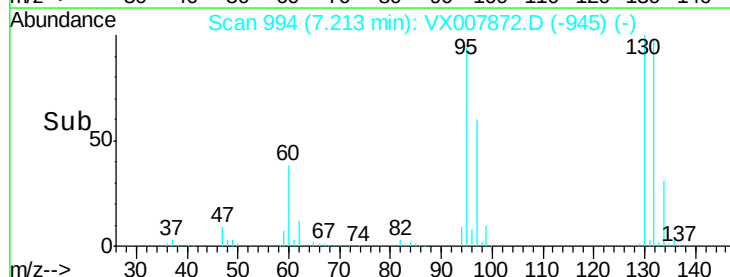
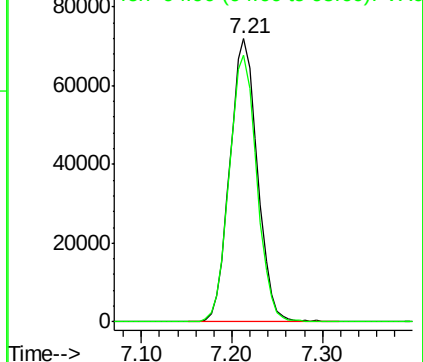
130 100

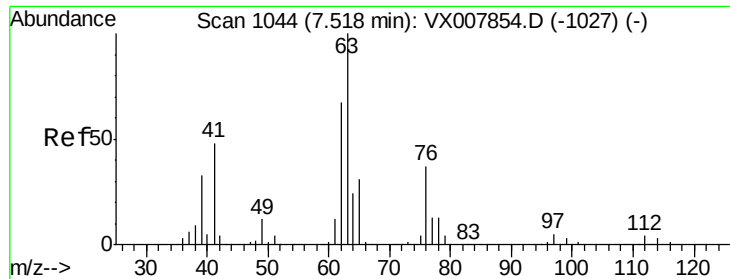
95 94.4 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

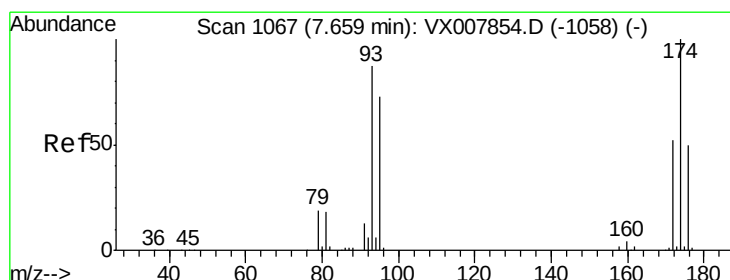
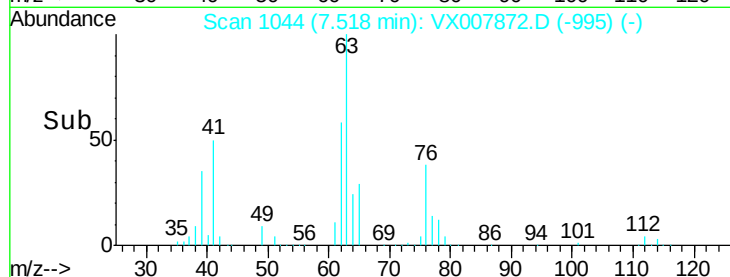
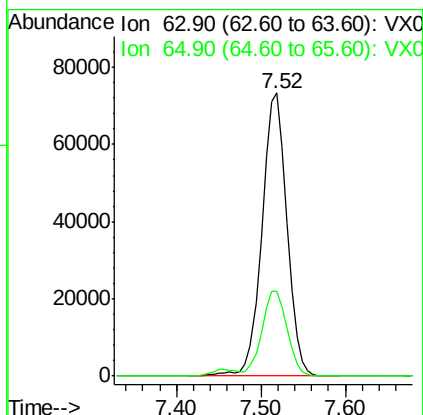
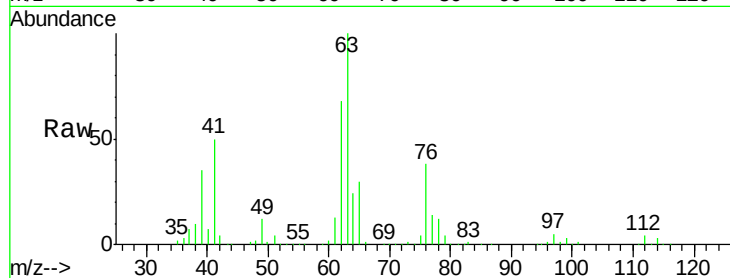




#45
 1,2-Dichloropropane
 Concen: 47.796 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX007872.D
 Acq: 06 Mar 2019 20:40

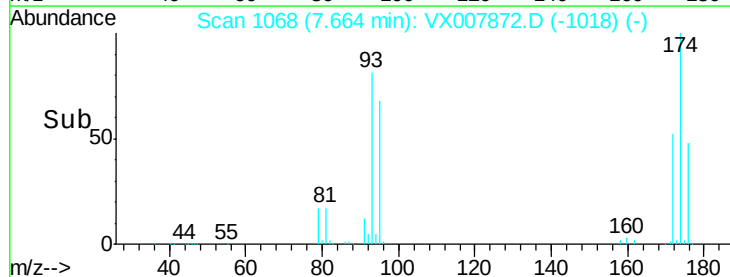
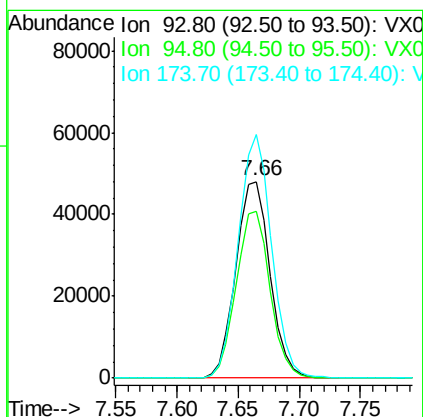
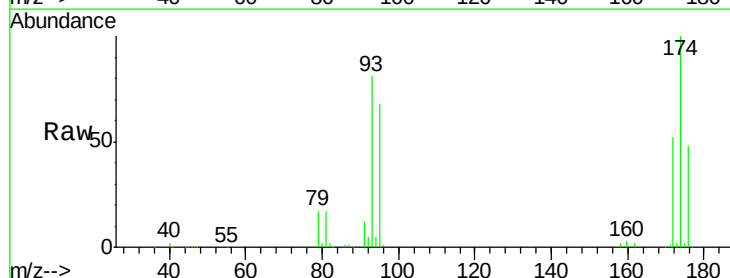
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

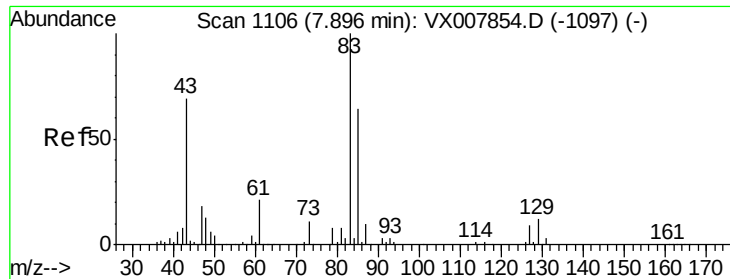
Tgt Ion: 63 Resp: 149891
 Ion Ratio Lower Upper
 63 100
 65 30.2 24.7 37.1



#46
 Dibromomethane
 Concen: 47.075 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX007872.D
 Acq: 06 Mar 2019 20:40

Tgt Ion: 93 Resp: 93427
 Ion Ratio Lower Upper
 93 100
 95 84.3 66.8 100.2
 174 121.2 97.3 145.9





#47

Bromodichloromethane

Concen: 47.839 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007872.D

Acq: 06 Mar 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

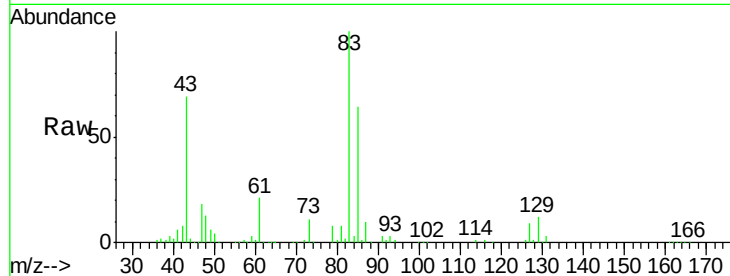
Tgt Ion: 83 Resp: 180010

Ion Ratio Lower Upper

83 100

85 64.0 50.9 76.3

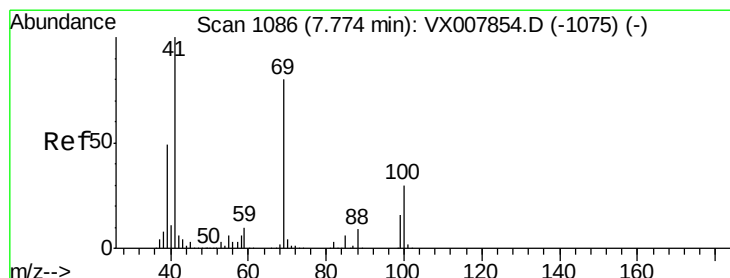
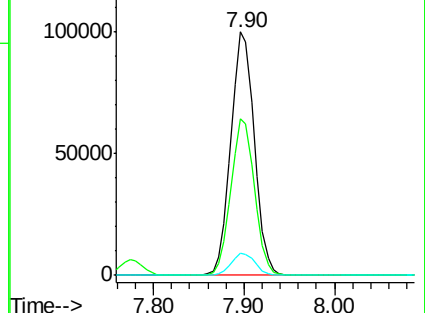
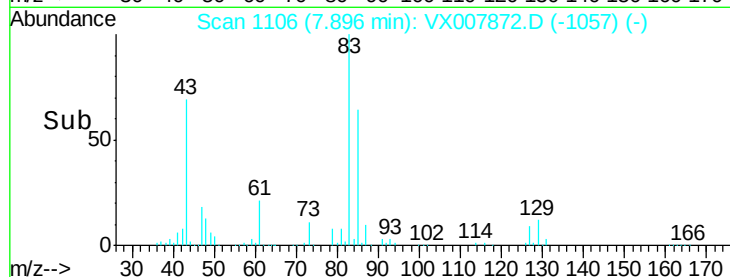
127 9.2 7.4 11.0



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: 48.584 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX007872.D

Acq: 06 Mar 2019 20:40

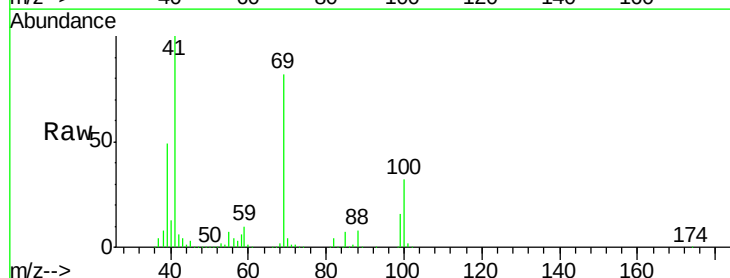
Tgt Ion: 41 Resp: 178925

Ion Ratio Lower Upper

41 100

69 82.0 65.2 97.8

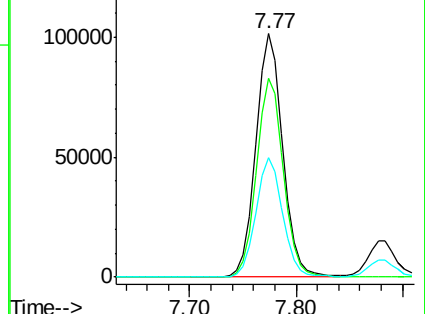
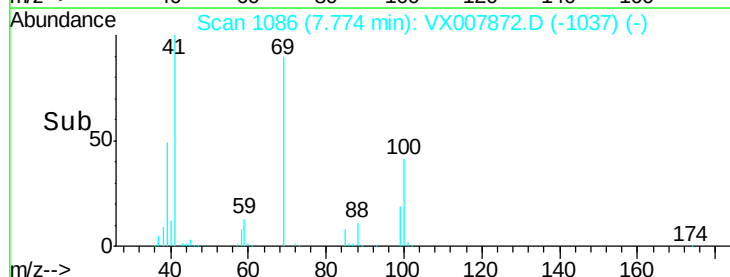
39 48.9 39.4 59.2

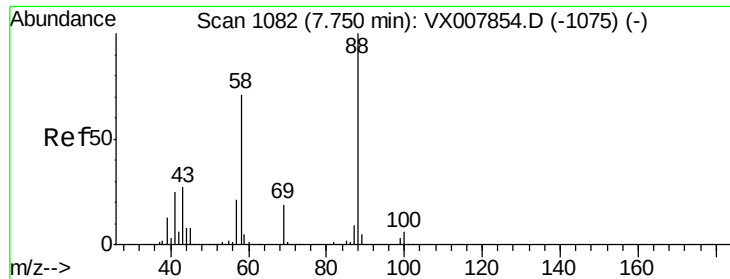


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

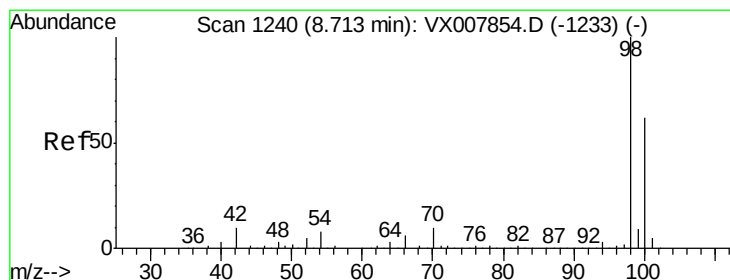
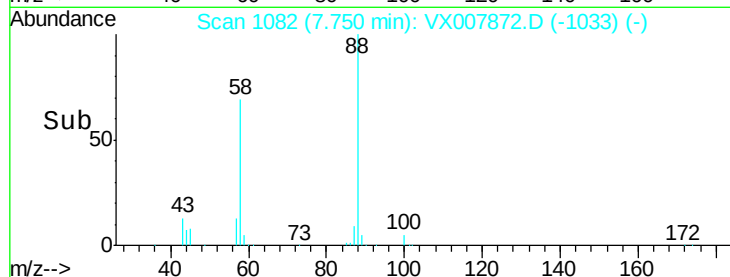
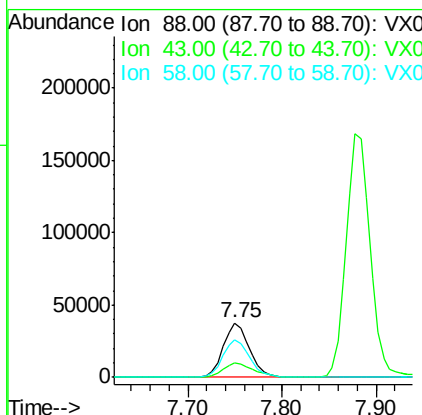
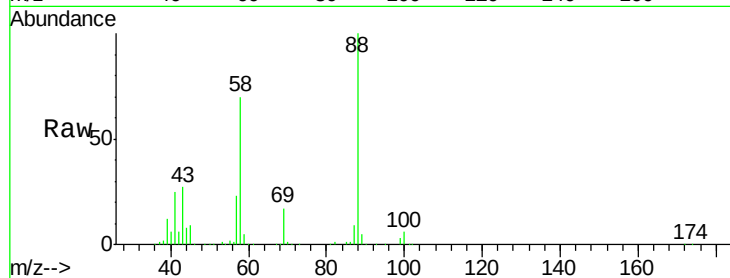




#49
1,4-Dioxane
Concen: 952.504 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.00 min
Lab File: VX007872.D
Acq: 06 Mar 2019 20:40

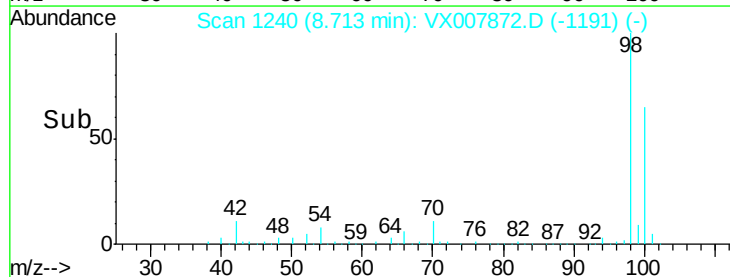
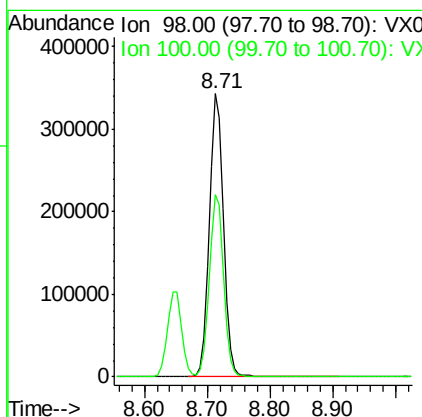
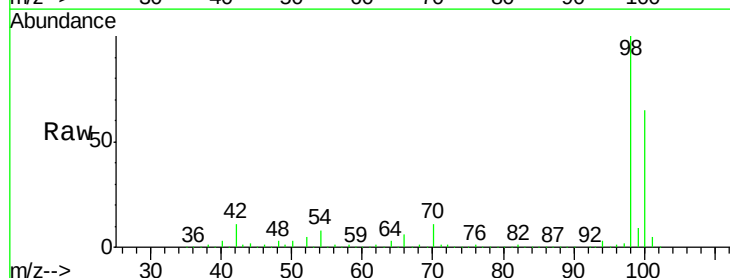
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

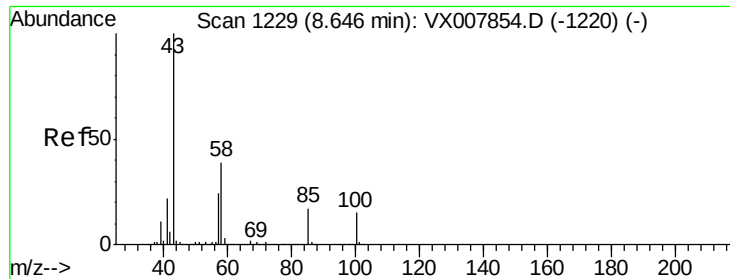
Tgt Ion: 88 Resp: 72059
Ion Ratio Lower Upper
88 100
43 31.8 25.1 37.7
58 71.8 57.8 86.6



#50
Toluene-d8
Concen: 51.621 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007872.D
Acq: 06 Mar 2019 20:40

Tgt Ion: 98 Resp: 534150
Ion Ratio Lower Upper
98 100
100 65.3 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 242.846 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007872.D

Acq: 06 Mar 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

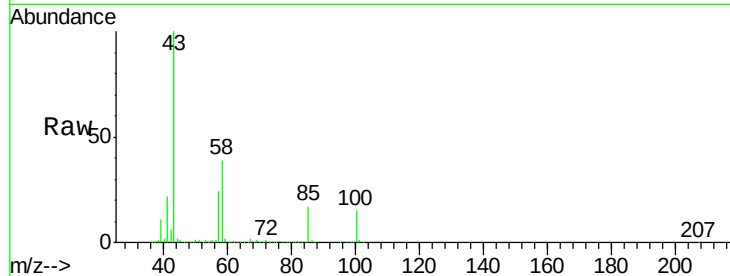
VSTDCCC050EC

Tgt Ion: 43 Resp: 1093952

Ion Ratio Lower Upper

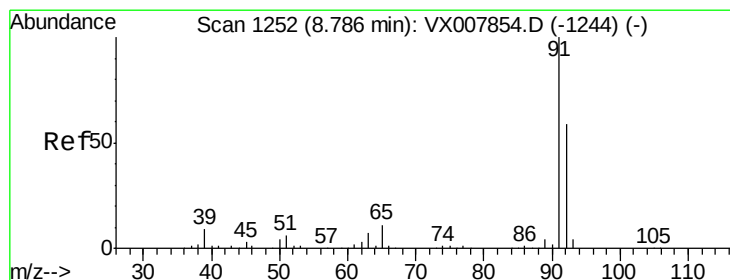
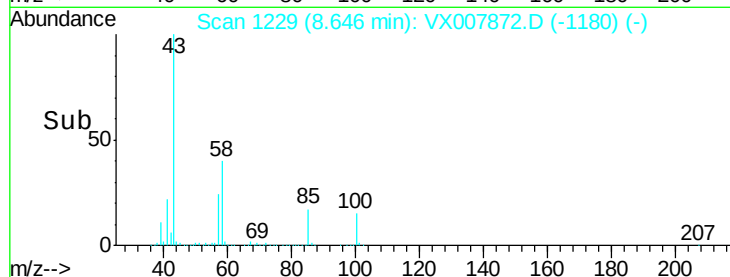
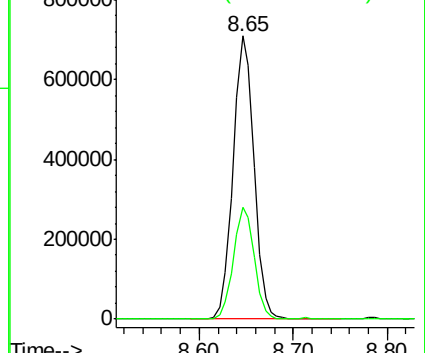
43 100

58 39.3 31.3 46.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 48.259 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX007872.D

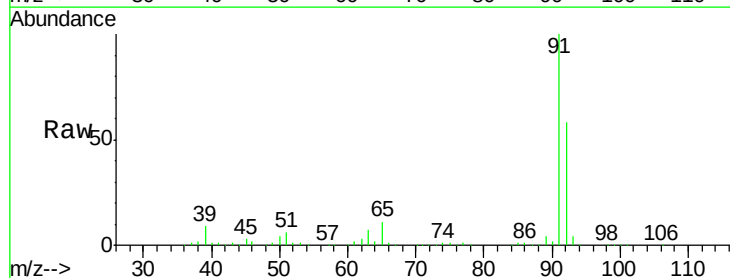
Acq: 06 Mar 2019 20:40

Tgt Ion: 92 Resp: 349838

Ion Ratio Lower Upper

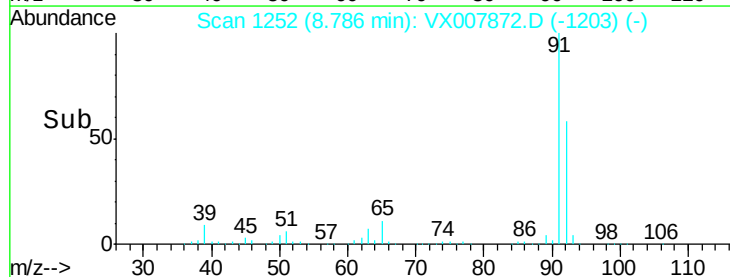
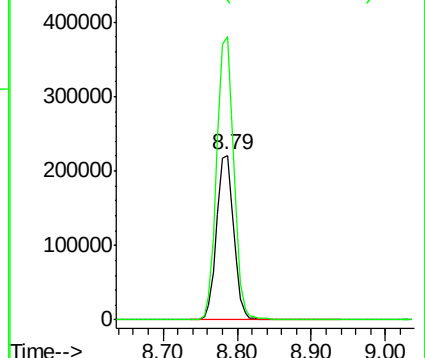
92 100

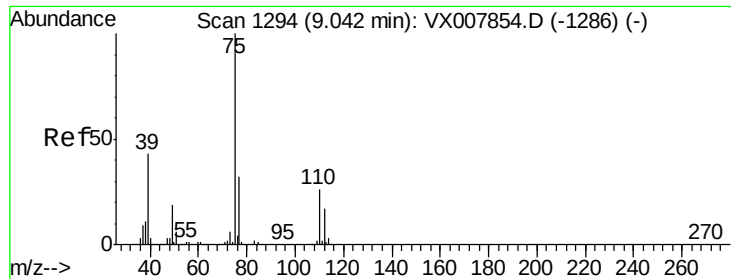
91 172.0 137.4 206.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 49.403 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX007872.D

Acq: 06 Mar 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

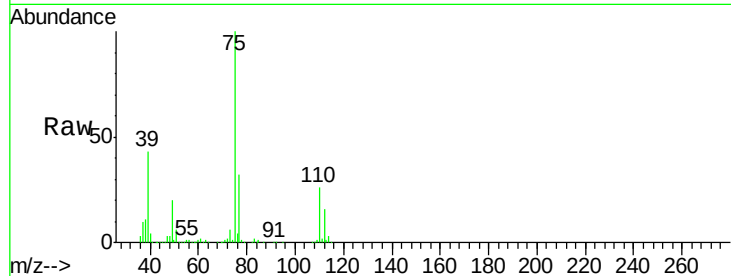
VSTDCCC050EC

Tgt Ion: 75 Resp: 194025

Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

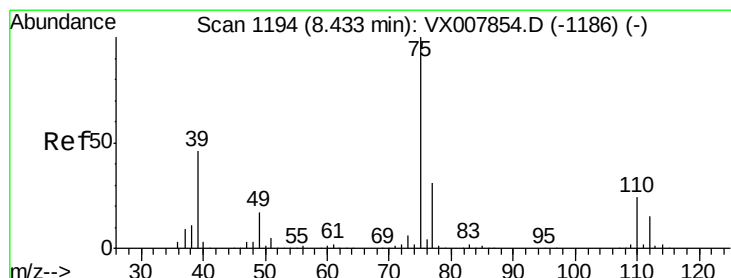
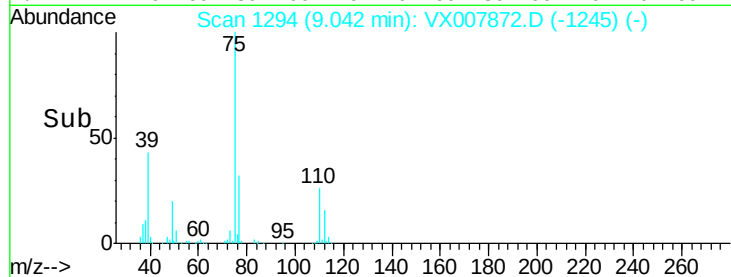
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 49.100 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX007872.D

Acq: 06 Mar 2019 20:40

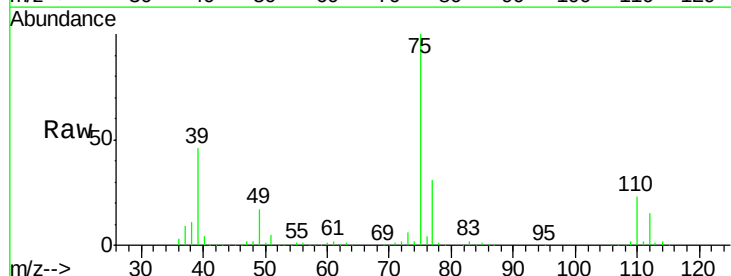
Tgt Ion: 75 Resp: 217759

Ion Ratio Lower Upper

75 100

77 31.3 25.0 37.6

39 46.0 36.6 54.8



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

8.43

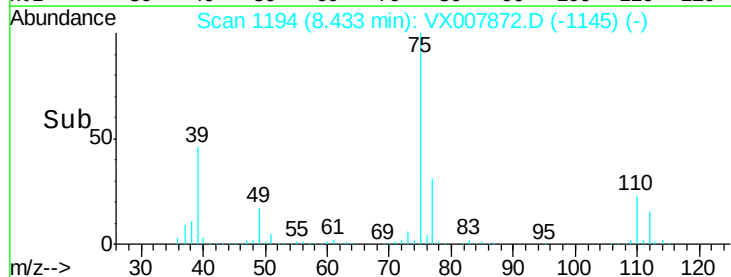
150000

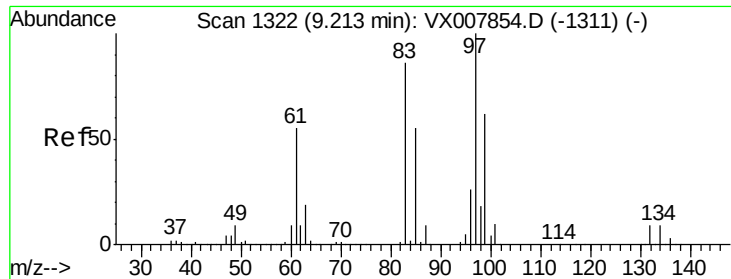
100000

50000

0

Time-->

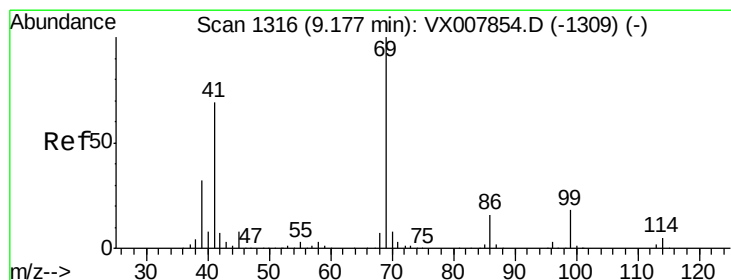
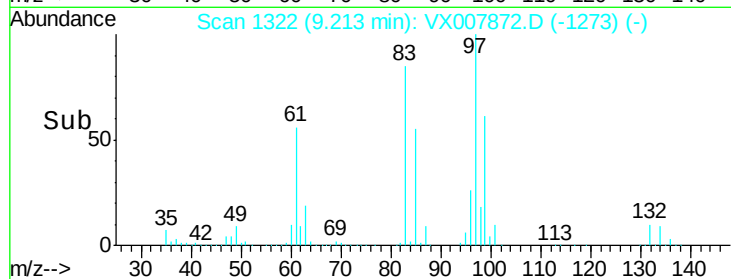
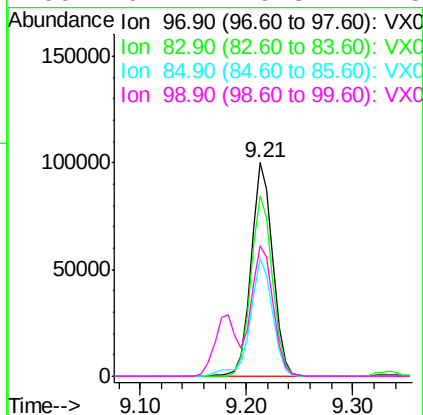
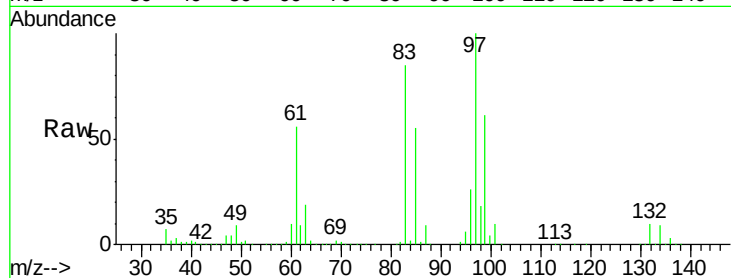




#55
 1,1,2-Trichloroethane
 Concen: 48.561 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX007872.D
 Acq: 06 Mar 2019 20:40

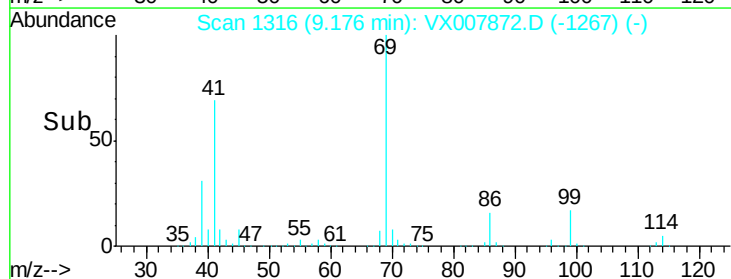
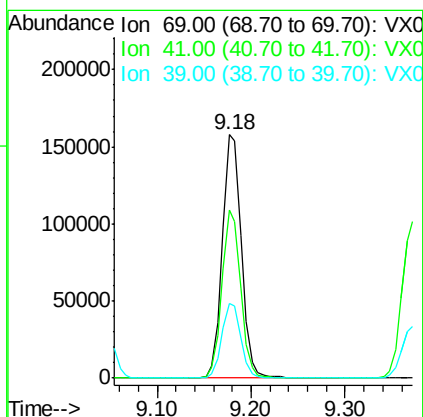
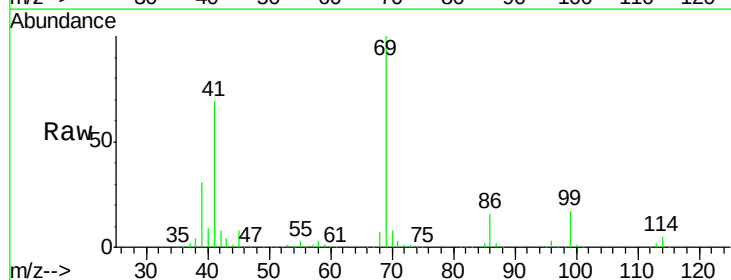
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

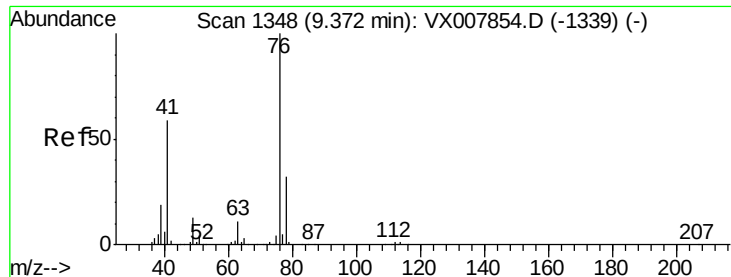
Tgt Ion:	97	Resp:	142505
Ion	Ratio	Lower	Upper
97	100		
83	84.6	69.1	103.7
85	55.1	44.3	66.5
99	61.2	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 50.185 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX007872.D
 Acq: 06 Mar 2019 20:40

Tgt Ion:	69	Resp:	221118
Ion	Ratio	Lower	Upper
69	100		
41	67.6	54.2	81.4
39	30.9	25.0	37.4

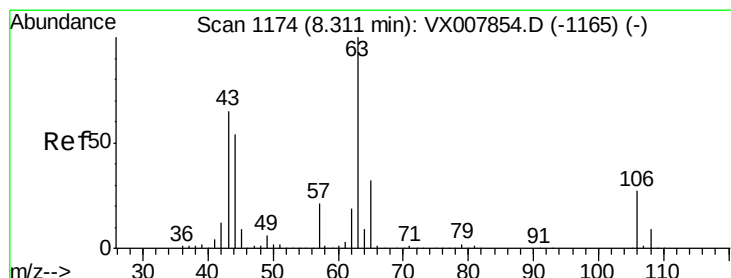
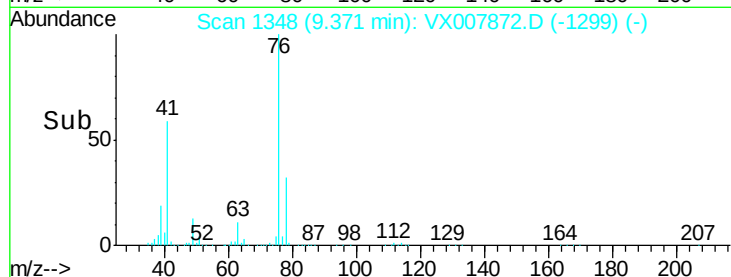
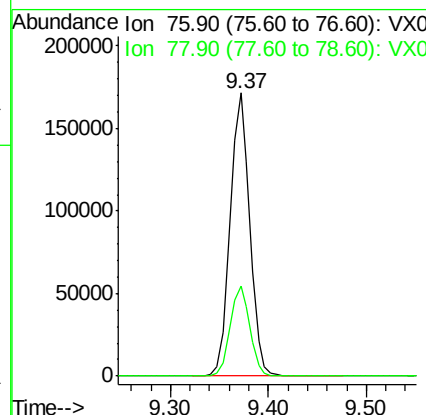
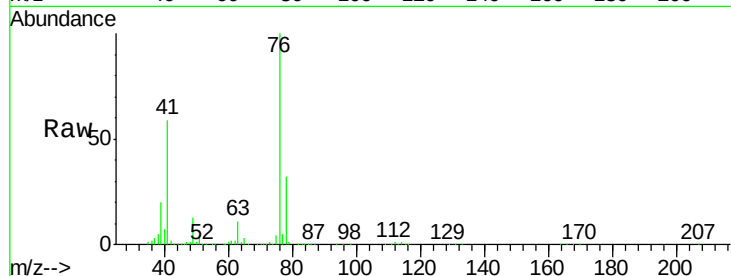




#57
 1,3-Dichloropropane
 Concen: 48.243 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX007872.D
 Acq: 06 Mar 2019 20:40

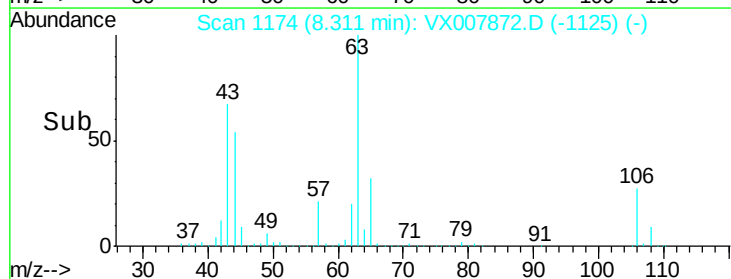
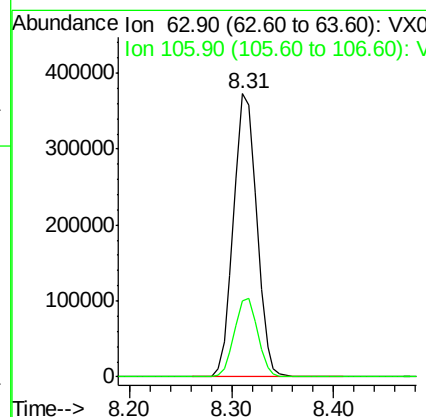
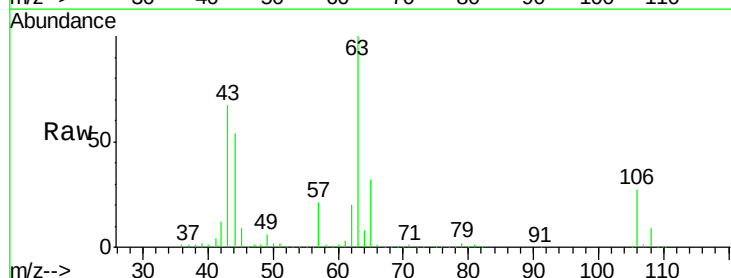
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

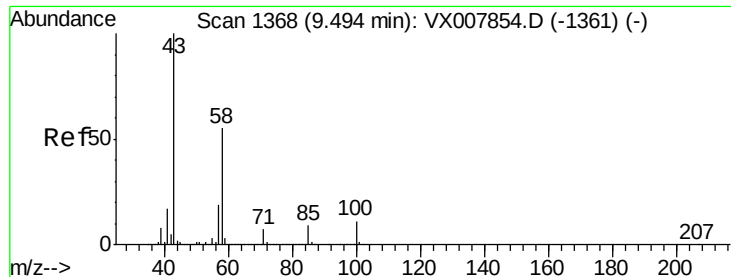
Tgt Ion: 76 Resp: 237705
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 256.739 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX007872.D
 Acq: 06 Mar 2019 20:40

Tgt Ion: 63 Resp: 585147
 Ion Ratio Lower Upper
 63 100
 106 27.9 22.2 33.2

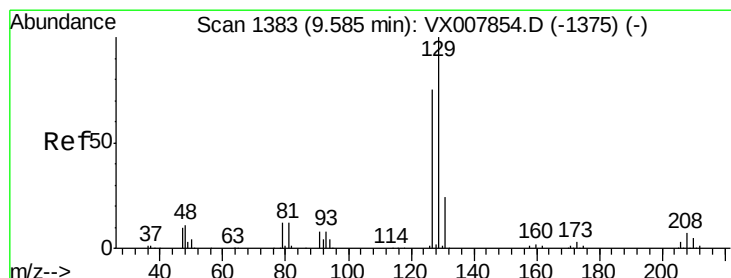
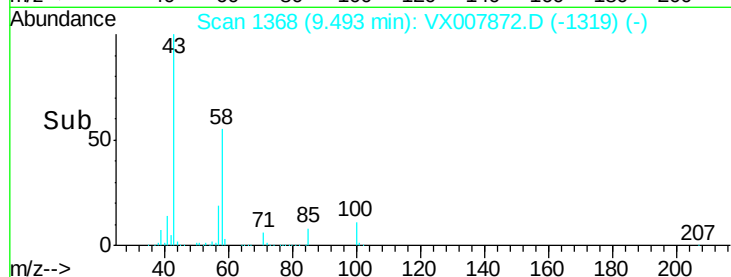
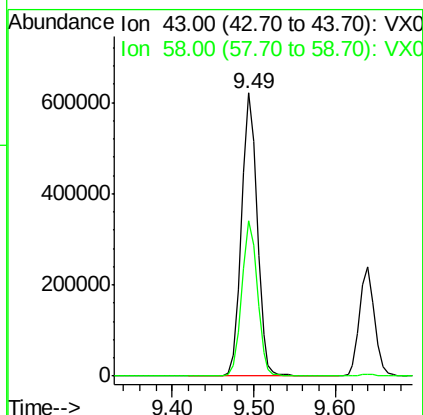
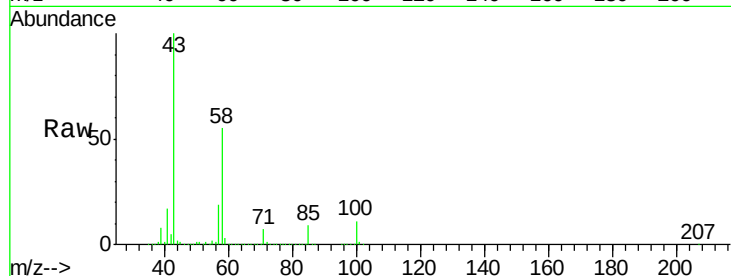




#59
2-Hexanone
Concen: 233.997 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007872.D
Acq: 06 Mar 2019 20:40

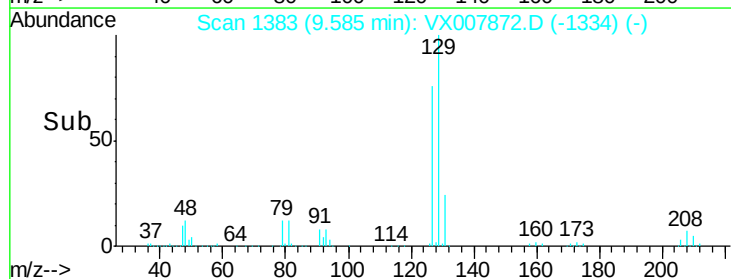
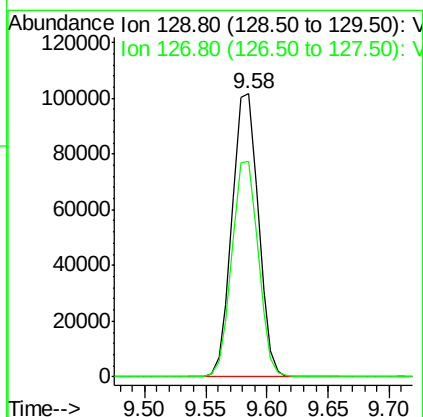
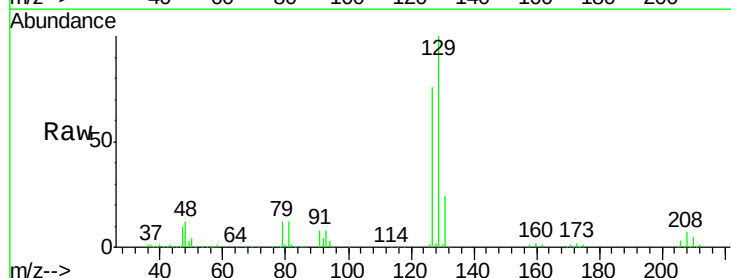
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

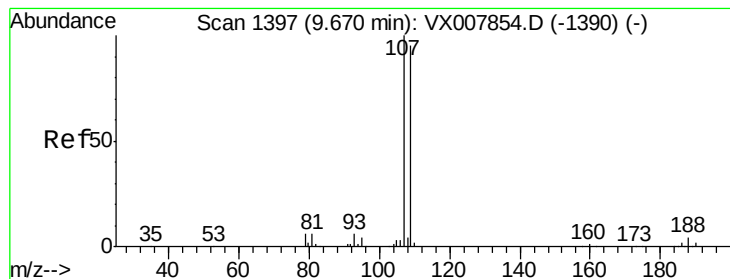
Tgt Ion: 43 Resp: 818374
Ion Ratio Lower Upper
43 100
58 54.8 27.6 82.7



#60
Dibromochloromethane
Concen: 49.299 ug/l
RT: 9.58 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX007872.D
Acq: 06 Mar 2019 20:40

Tgt Ion: 129 Resp: 151213
Ion Ratio Lower Upper
129 100
127 76.4 38.3 114.8





#61

1,2-Dibromoethane

Concen: 48.270 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007872.D

Acq: 06 Mar 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

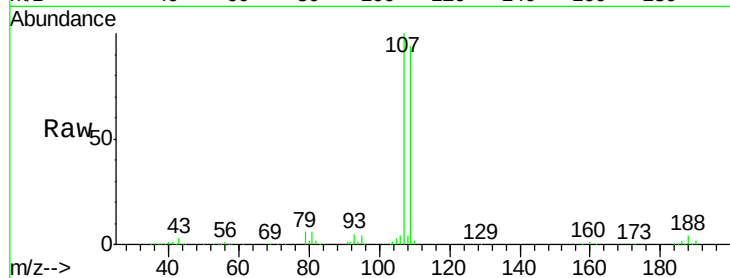
VSTDCCC050EC

Tgt Ion: 107 Resp: 150392

Ion Ratio Lower Upper

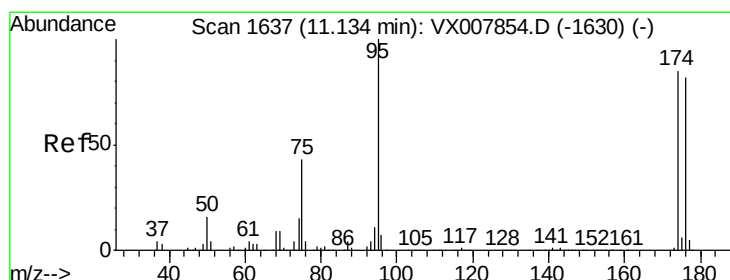
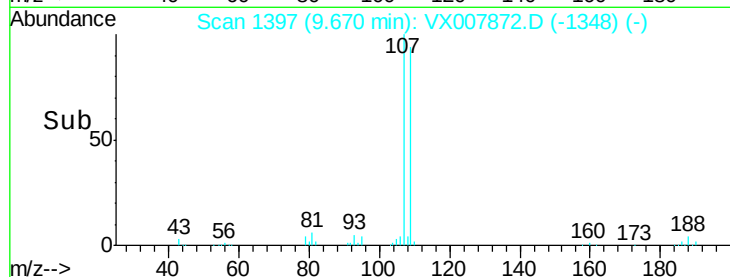
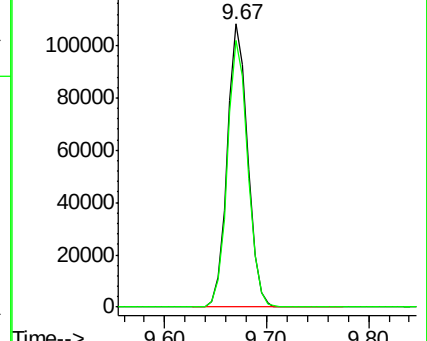
107 100

109 94.4 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: 51.312 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007872.D

Acq: 06 Mar 2019 20:40

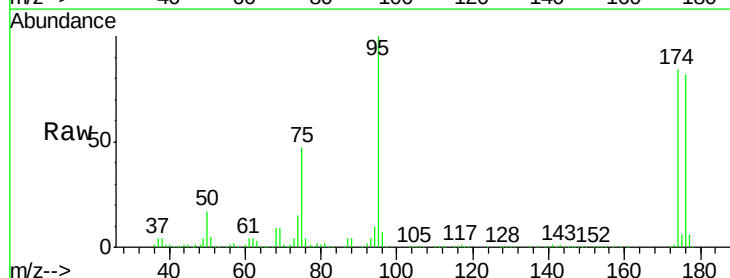
Tgt Ion: 95 Resp: 186156

Ion Ratio Lower Upper

95 100

174 91.6 0.0 182.8

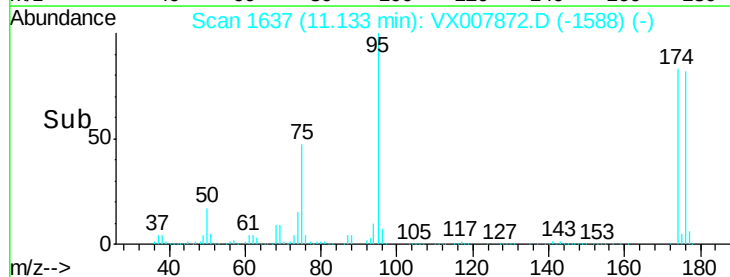
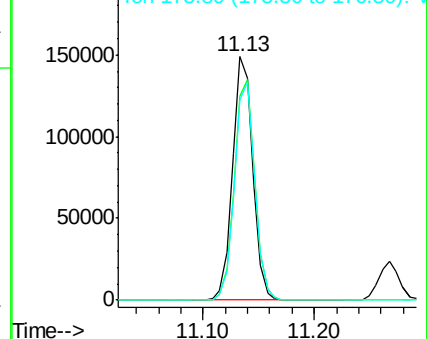
176 90.0 0.0 178.0

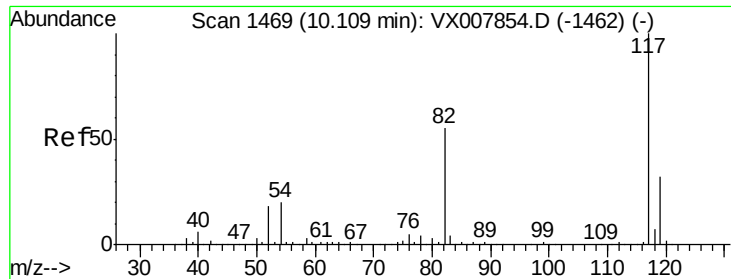


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

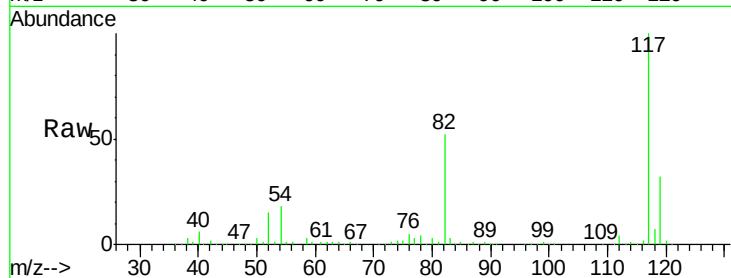




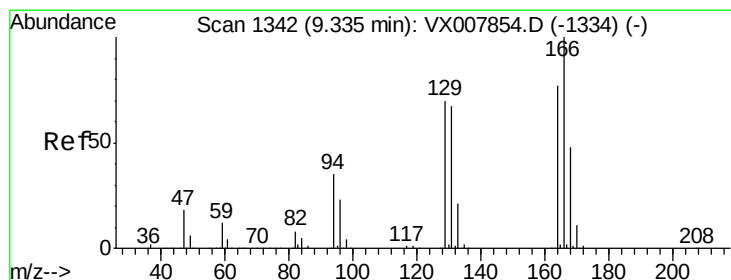
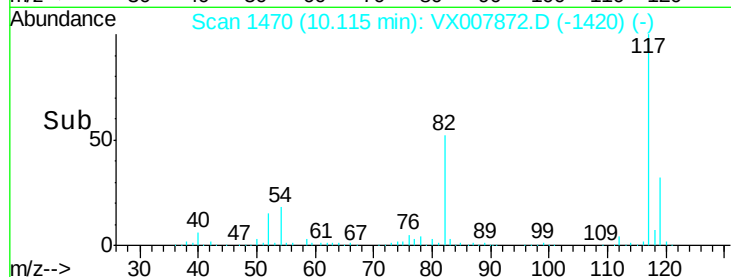
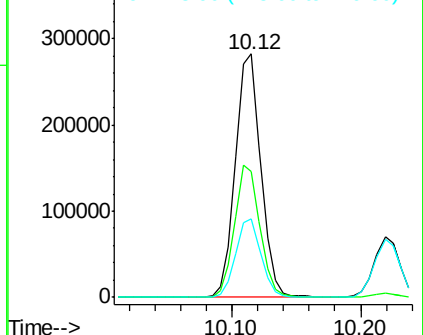
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007872.D
Acq: 06 Mar 2019 20:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 390505
Ion Ratio Lower Upper
117 100
82 51.8 44.3 66.5
119 32.1 25.3 37.9



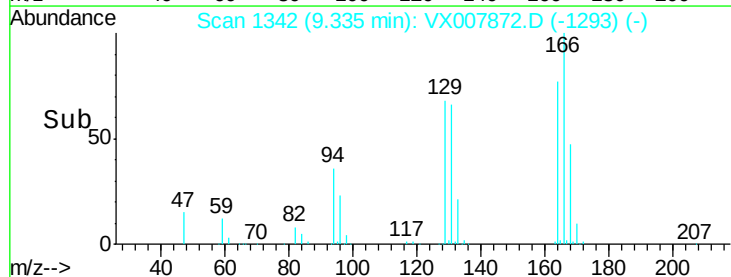
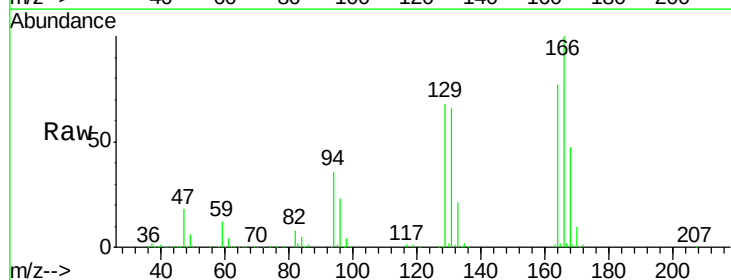
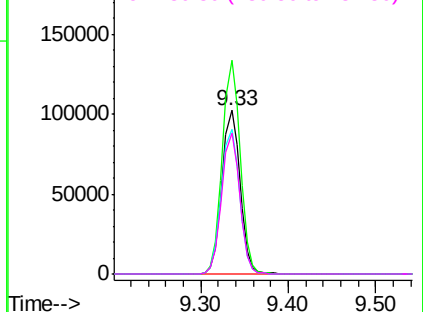
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

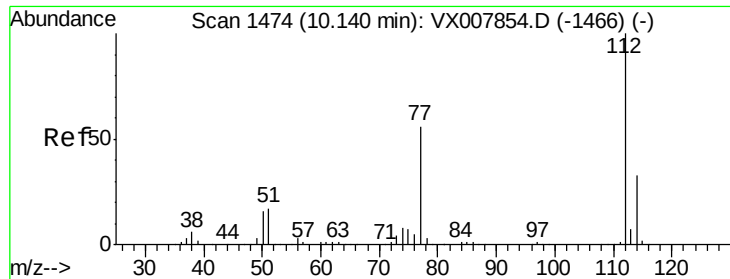


#64
Tetrachloroethene
Concen: 45.347 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007872.D
Acq: 06 Mar 2019 20:40

Tgt Ion:164 Resp: 146747
Ion Ratio Lower Upper
164 100
166 130.6 103.4 155.0
129 88.5 72.2 108.4
131 86.3 69.4 104.2

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

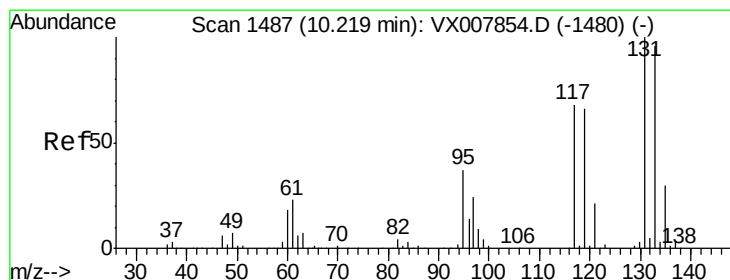
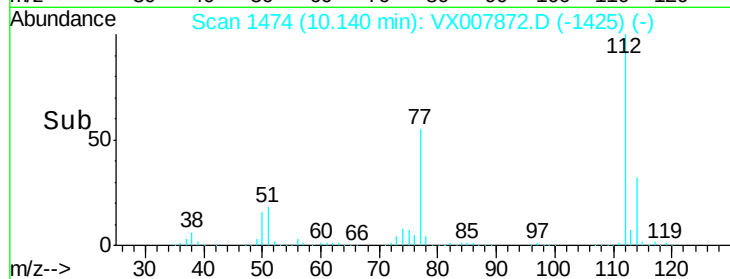
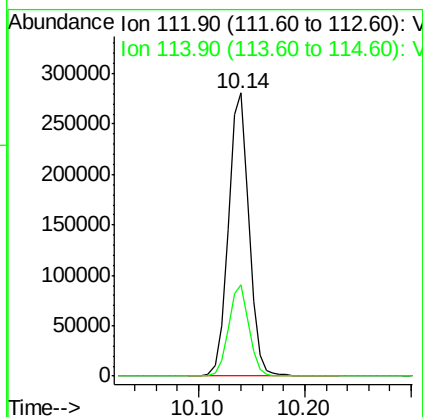
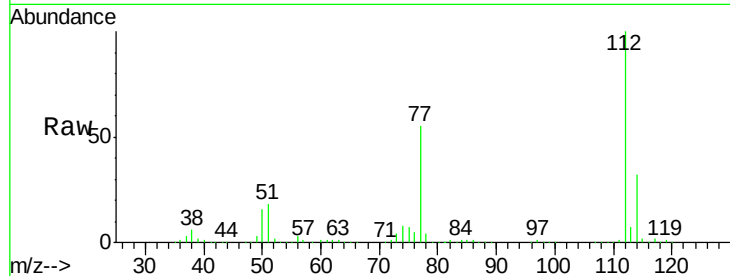




#65
Chlorobenzene
Concen: 46.565 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX007872.D
Acq: 06 Mar 2019 20:40

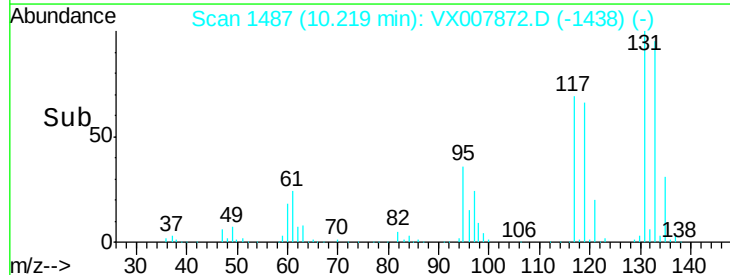
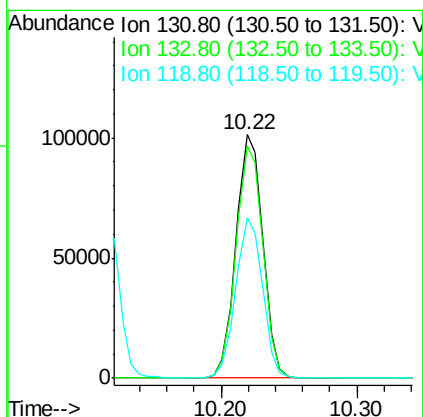
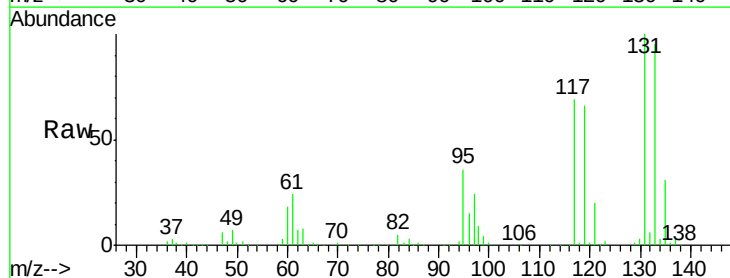
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

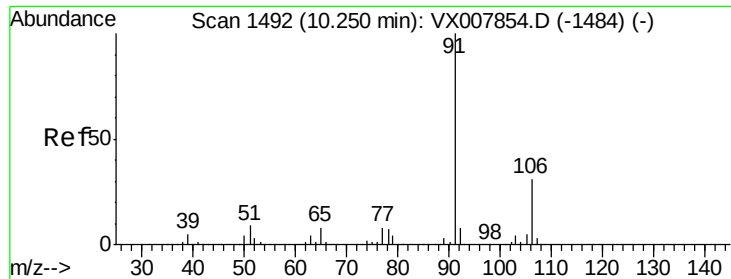
Tgt Ion:112 Resp: 380509
Ion Ratio Lower Upper
112 100
114 32.5 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 47.478 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX007872.D
Acq: 06 Mar 2019 20:40

Tgt Ion:131 Resp: 139050
Ion Ratio Lower Upper
131 100
133 95.8 47.8 143.3
119 65.9 32.5 97.5

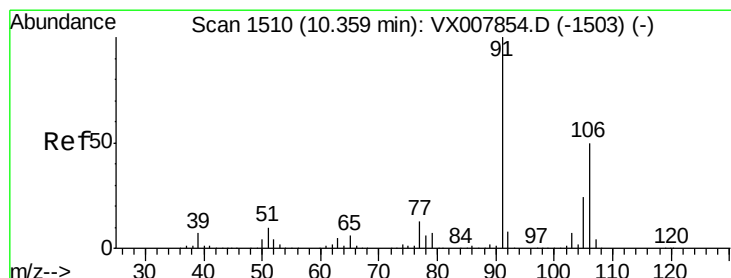
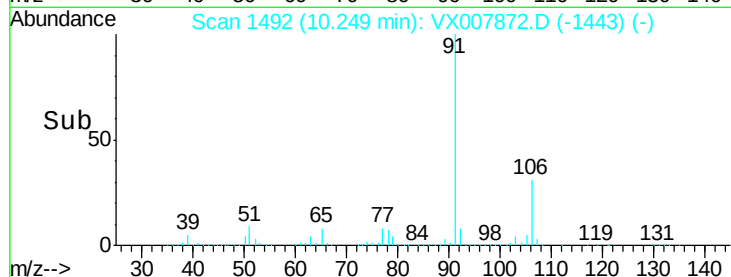
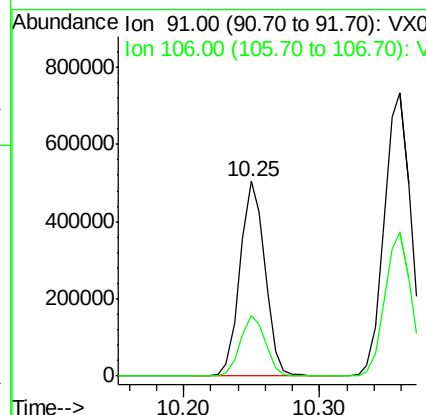
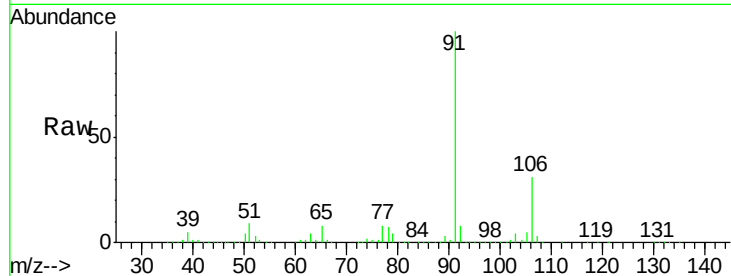




#67
Ethyl Benzene
Concen: 48.164 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX007872.D
Acq: 06 Mar 2019 20:40

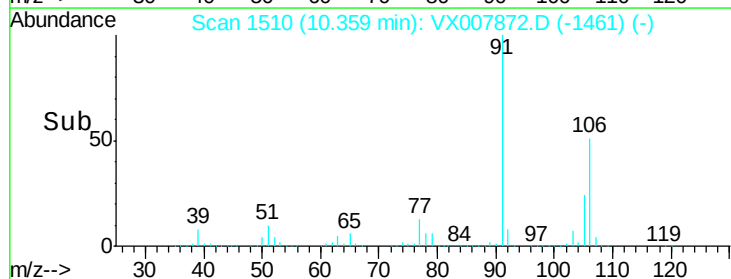
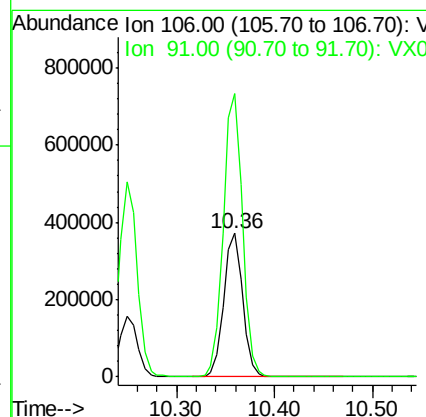
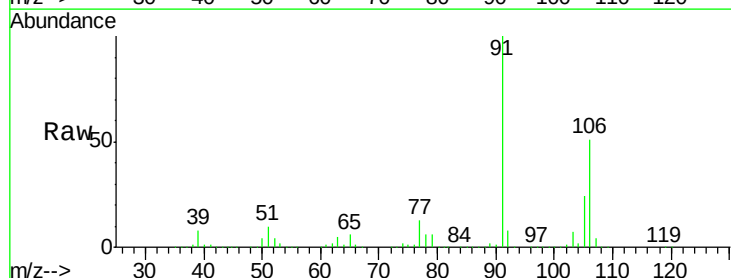
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

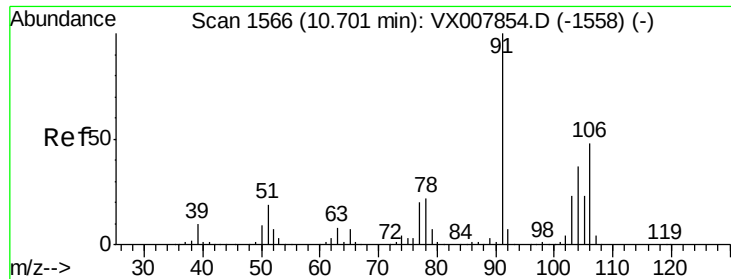
Tgt Ion: 91 Resp: 647867
Ion Ratio Lower Upper
91 100
106 31.3 25.2 37.8



#68
m/p-Xylenes
Concen: 95.937 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX007872.D
Acq: 06 Mar 2019 20:40

Tgt Ion: 106 Resp: 497416
Ion Ratio Lower Upper
106 100
91 200.3 159.8 239.6

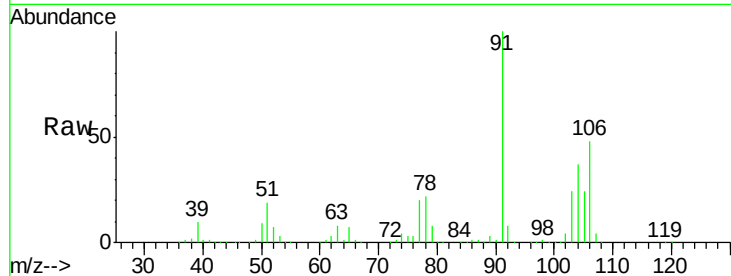




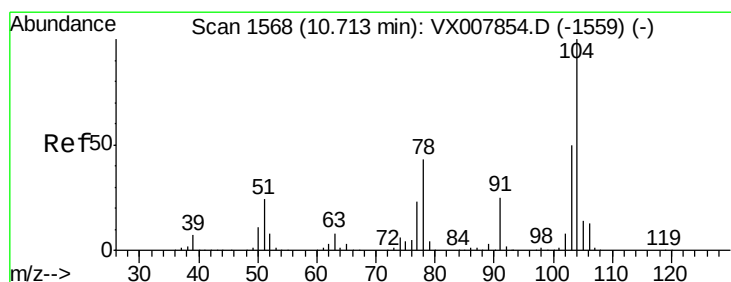
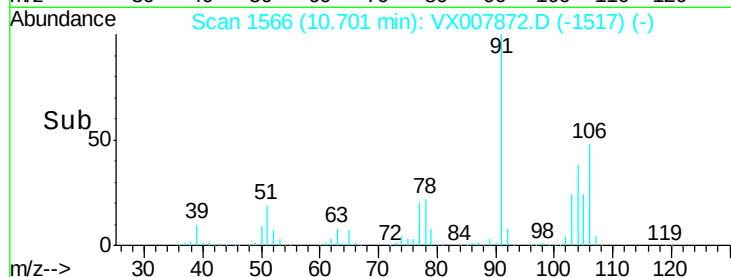
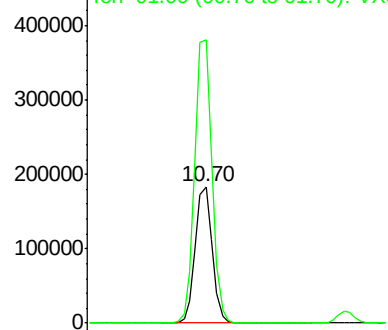
#69
o-Xylene
Concen: 48.066 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX007872.D
Acq: 06 Mar 2019 20:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 240600
Ion Ratio Lower Upper
106 100
91 211.6 106.3 318.9

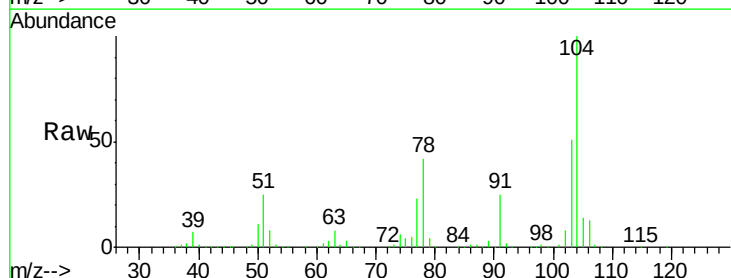


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

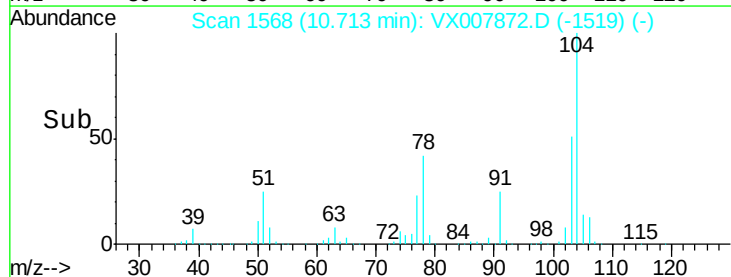
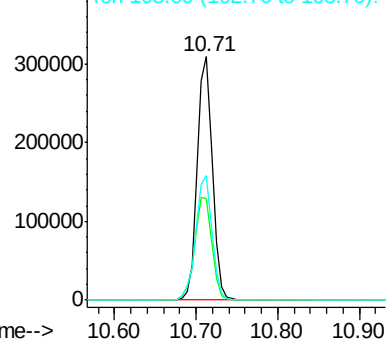


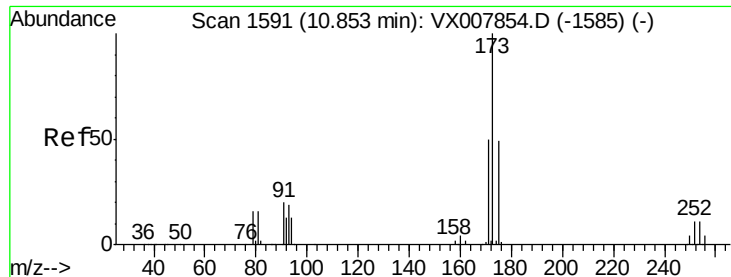
#70
Styrene
Concen: 48.505 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007872.D
Acq: 06 Mar 2019 20:40

Tgt Ion:104 Resp: 397313
Ion Ratio Lower Upper
104 100
78 48.5 38.5 57.7
103 55.6 44.1 66.1



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: 47.058 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.01 min

Lab File: VX007872.D

Acq: 06 Mar 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

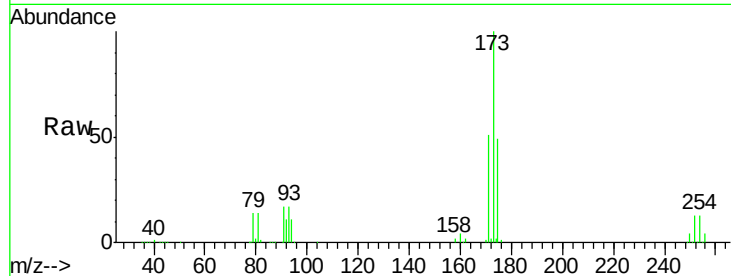
Tgt Ion:173 Resp: 118356

Ion Ratio Lower Upper

173 100

175 48.7 24.3 72.9

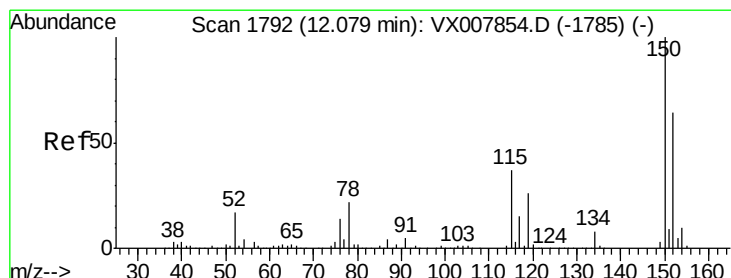
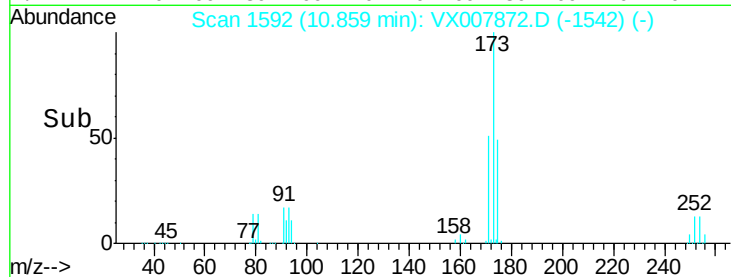
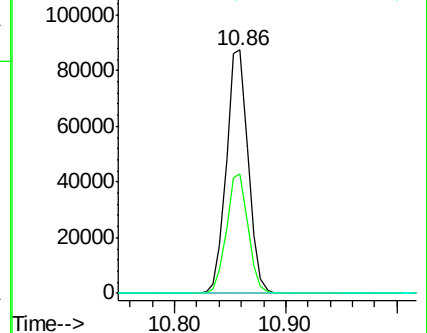
254 0.2 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007872.D

Acq: 06 Mar 2019 20:40

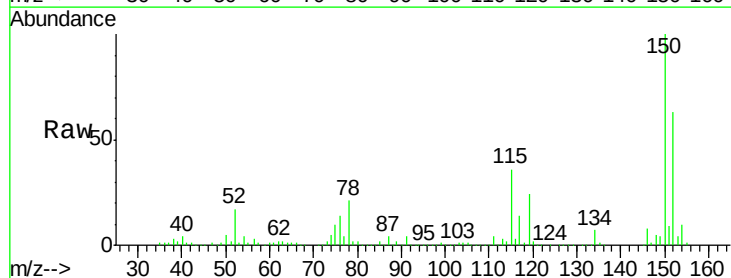
Tgt Ion:152 Resp: 192909

Ion Ratio Lower Upper

152 100

115 76.7 38.6 115.7

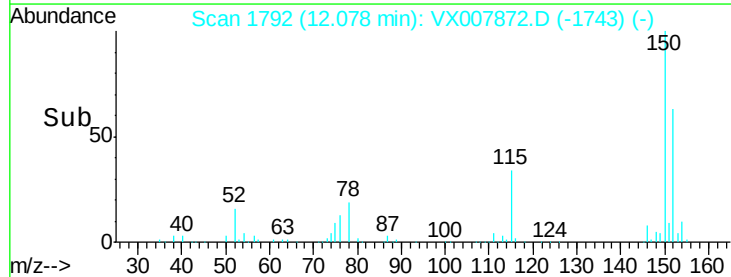
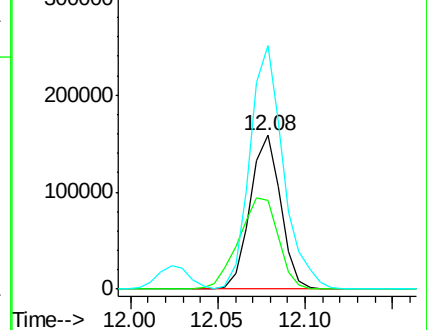
150 173.3 0.0 348.4

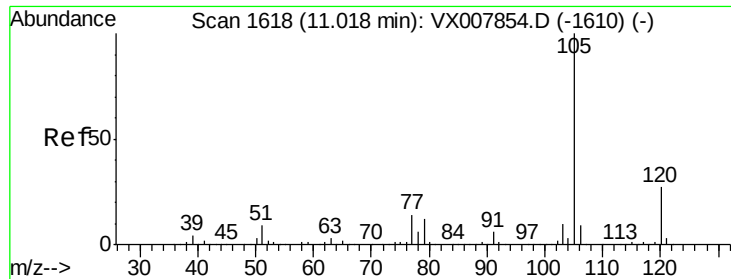


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

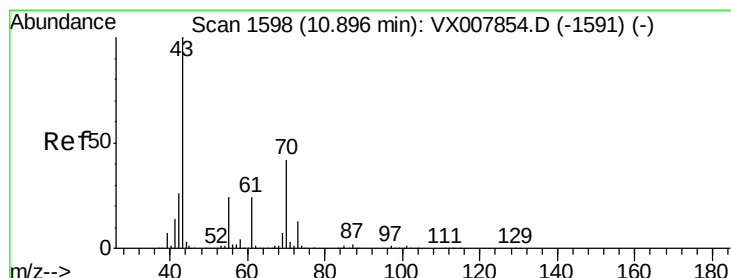
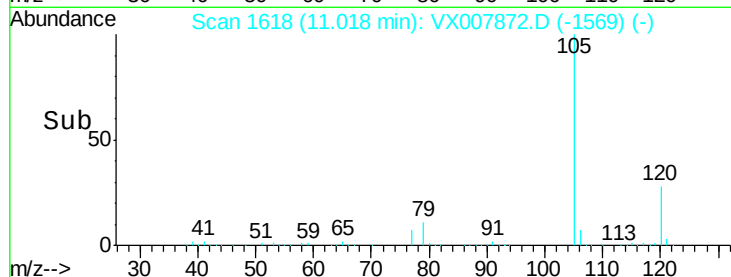
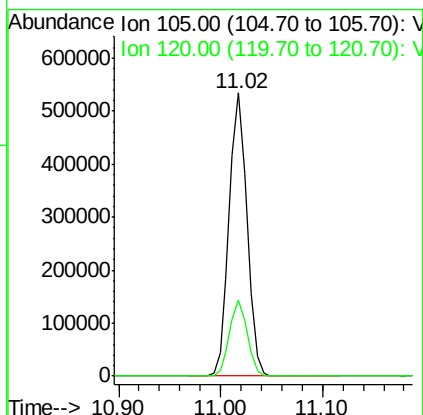
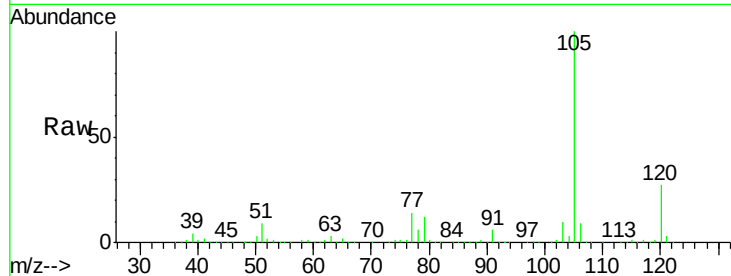




#73
Isopropylbenzene
Concen: 49.597 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX007872.D
Acq: 06 Mar 2019 20:40

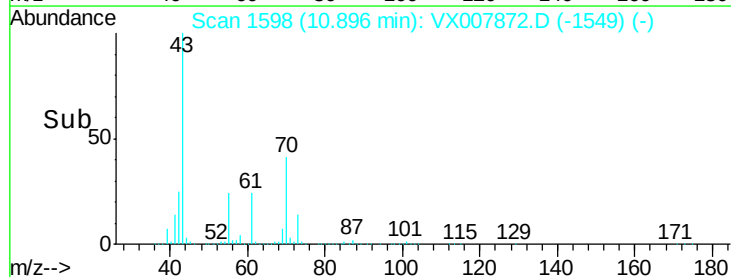
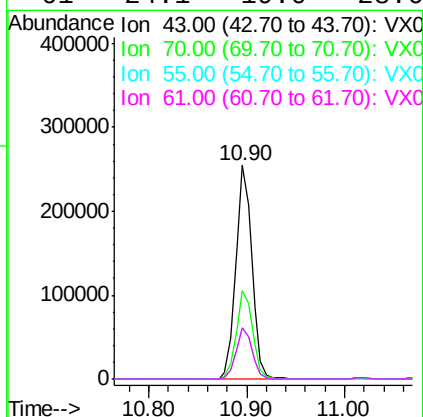
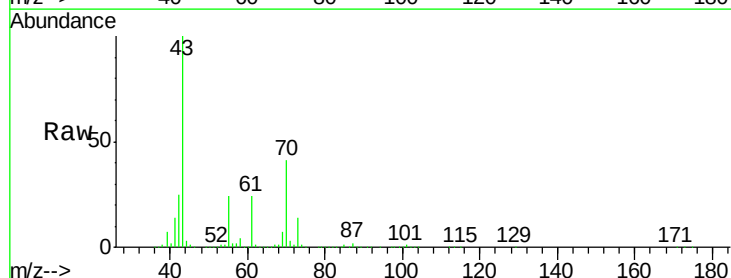
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

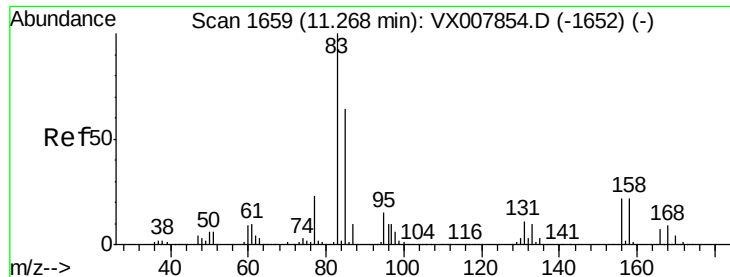
Tgt Ion: 105 Resp: 647076
Ion Ratio Lower Upper
105 100
120 26.6 13.4 40.1



#74
N-ethyl acetate
Concen: 49.026 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX007872.D
Acq: 06 Mar 2019 20:40

Tgt Ion: 43 Resp: 292005
Ion Ratio Lower Upper
43 100
70 41.8 33.5 50.3
55 24.1 19.2 28.8
61 24.1 19.0 28.6

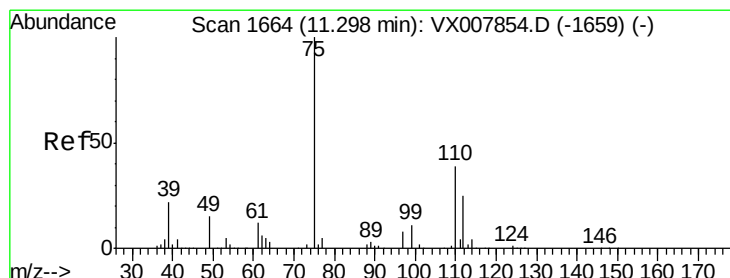
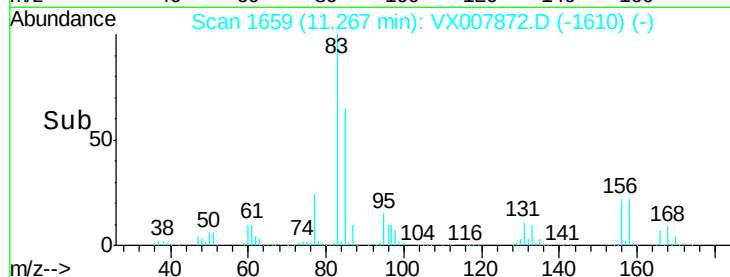
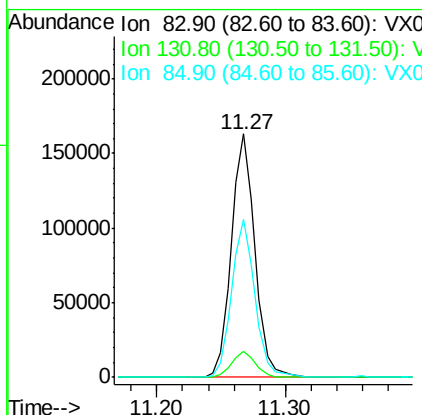
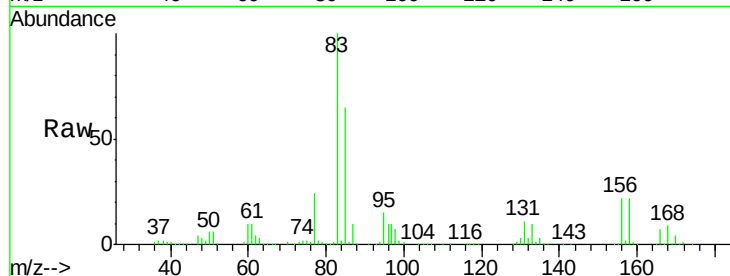




#75
 1,1,2,2-Tetrachloroethane
 Concen: 46.394 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VX007872.D
 Acq: 06 Mar 2019 20:40

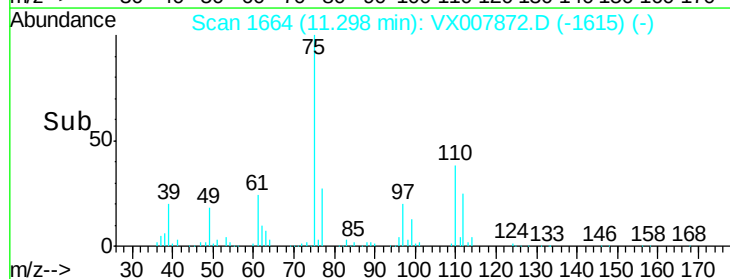
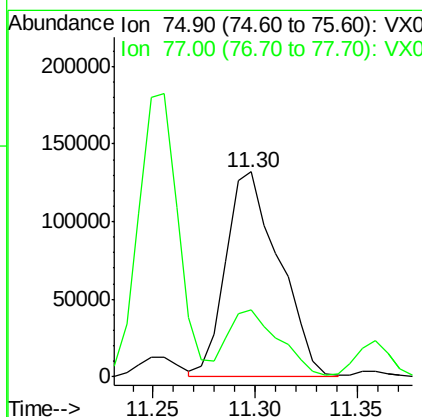
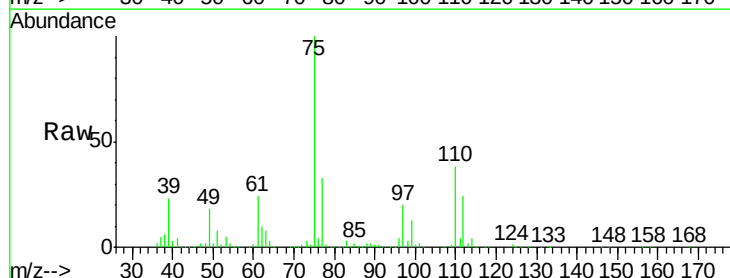
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

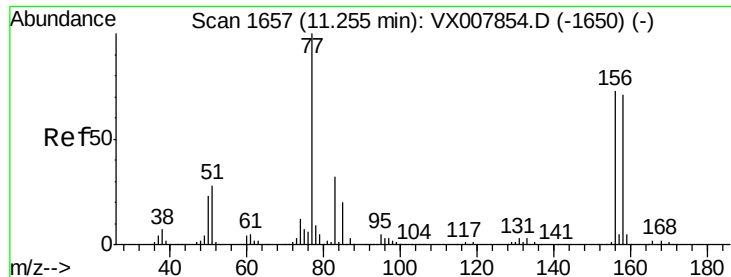
Tgt Ion: 83 Resp: 208786
 Ion Ratio Lower Upper
 83 100
 131 10.7 5.4 16.2
 85 64.2 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 59.292 ug/l
 RT: 11.30 min Scan# 1664
 Delta R.T. -0.00 min
 Lab File: VX007872.D
 Acq: 06 Mar 2019 20:40

Tgt Ion: 75 Resp: 240018
 Ion Ratio Lower Upper
 75 100
 77 30.9 18.9 56.7





#77

Bromobenzene

Concen: 47.094 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007872.D

Acq: 06 Mar 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

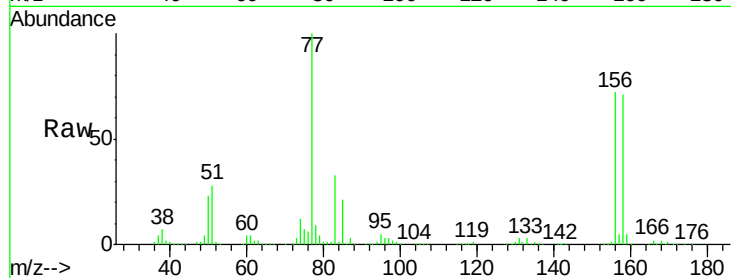
Tgt Ion:156 Resp: 168452

Ion Ratio Lower Upper

156 100

77 147.1 72.0 215.9

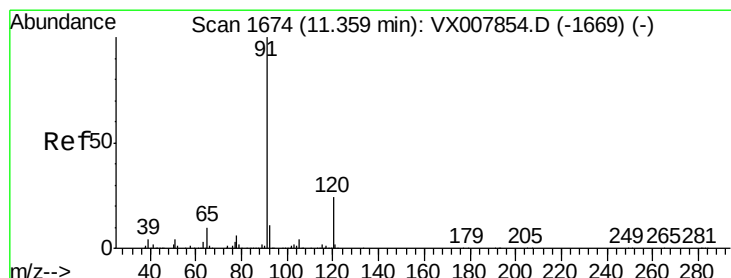
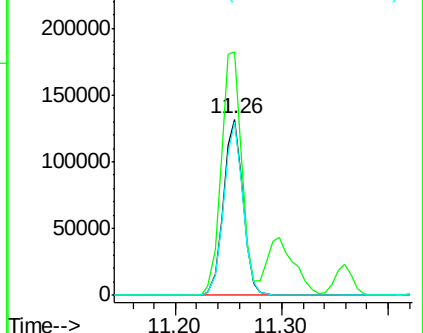
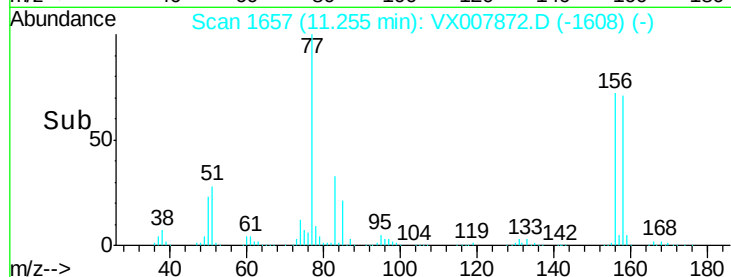
158 97.3 48.6 145.9



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: 49.967 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007872.D

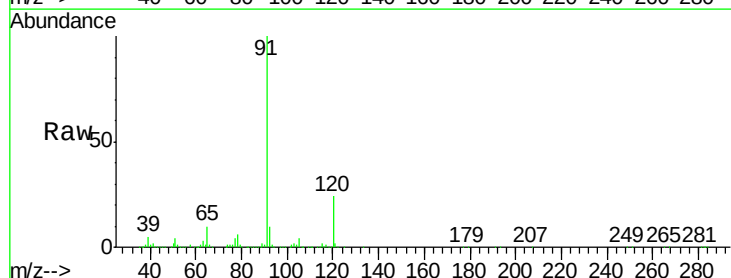
Acq: 06 Mar 2019 20:40

Tgt Ion: 91 Resp: 723212

Ion Ratio Lower Upper

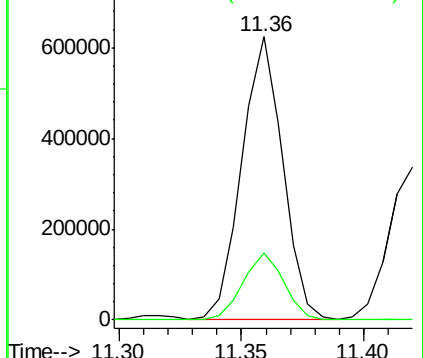
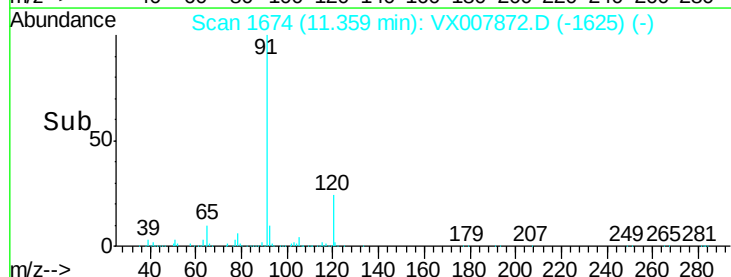
91 100

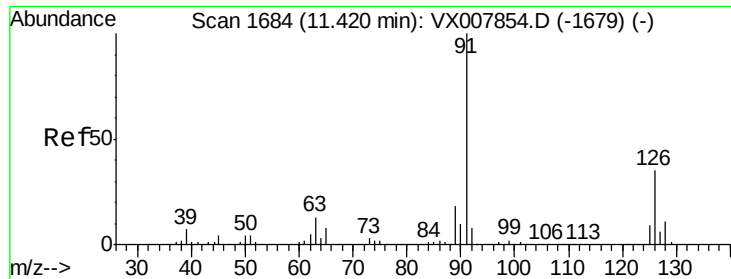
120 23.9 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

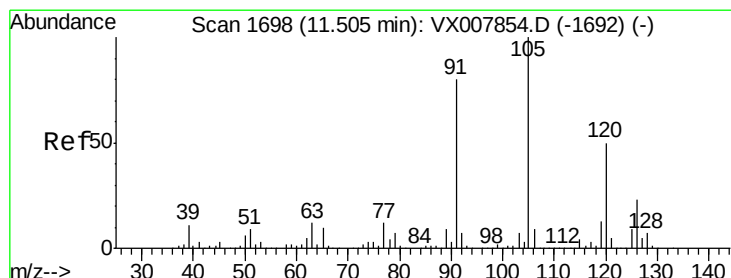
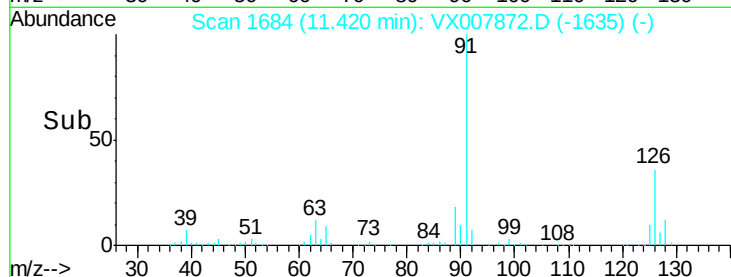
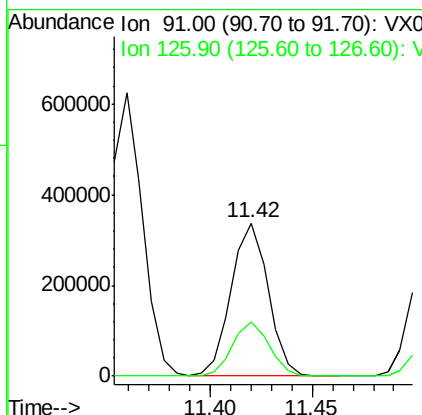
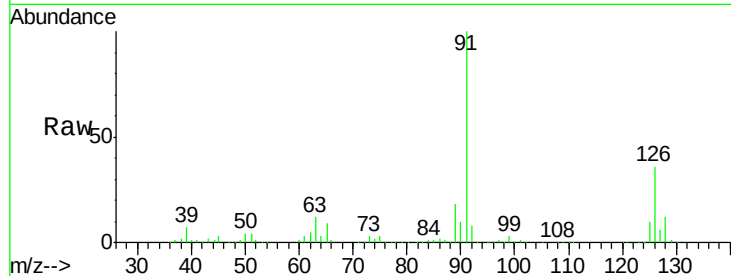




#79
 2-Chlorotoluene
 Concen: 47.601 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX007872.D
 Acq: 06 Mar 2019 20:40

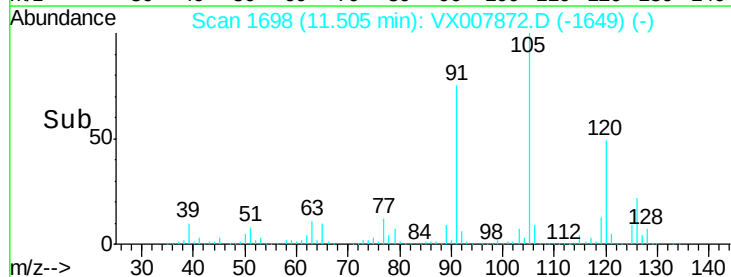
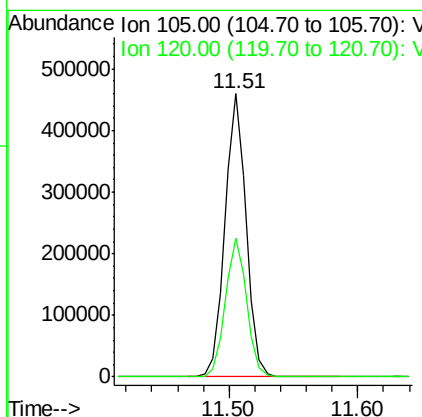
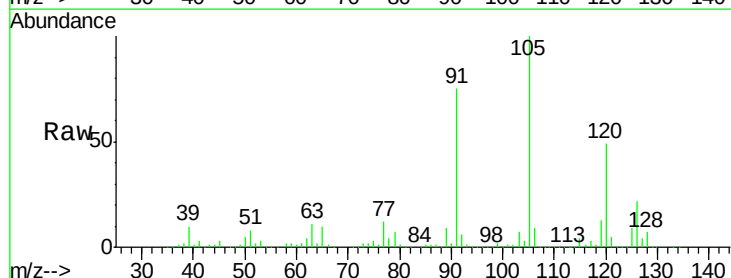
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

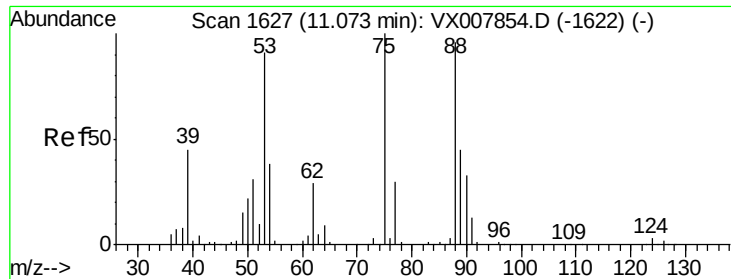
Tgt Ion: 91 Resp: 421250
 Ion Ratio Lower Upper
 91 100
 126 35.6 17.5 52.6



#80
 1,3,5-Trimethylbenzene
 Concen: 49.492 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX007872.D
 Acq: 06 Mar 2019 20:40

Tgt Ion: 105 Resp: 531451
 Ion Ratio Lower Upper
 105 100
 120 49.2 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 47.254 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX007872.D

Acq: 06 Mar 2019 20:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

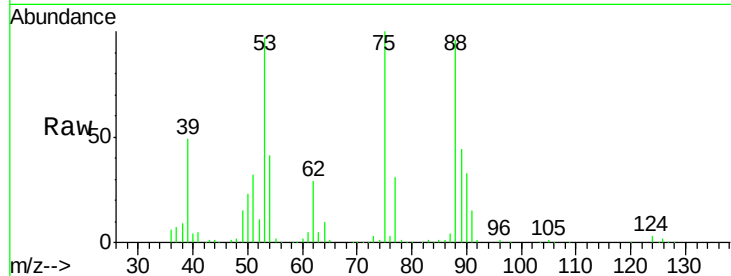
Tgt Ion: 75 Resp: 59842

Ion Ratio Lower Upper

75 100

53 97.7 76.1 114.1

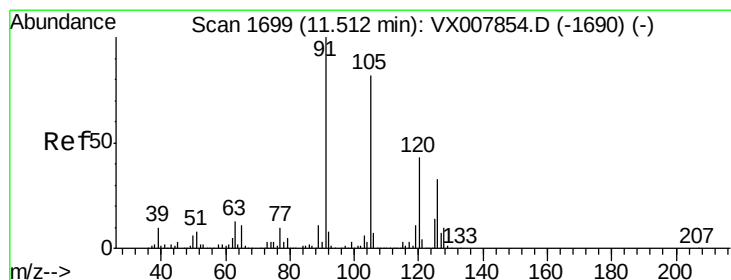
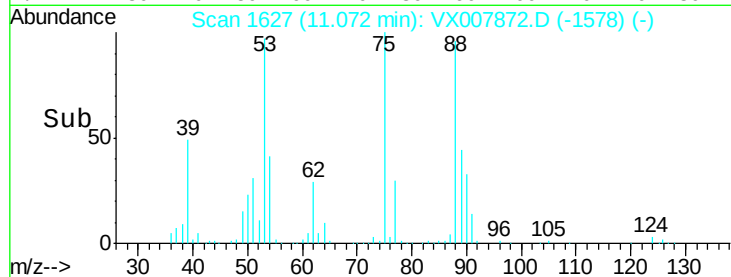
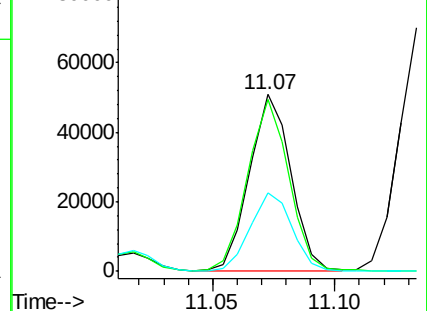
89 45.4 36.3 54.5



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: 48.122 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX007872.D

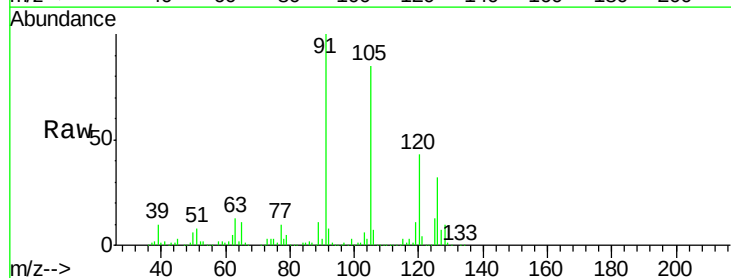
Acq: 06 Mar 2019 20:40

Tgt Ion: 91 Resp: 488042

Ion Ratio Lower Upper

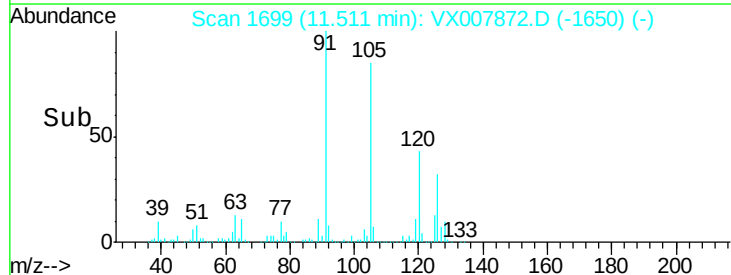
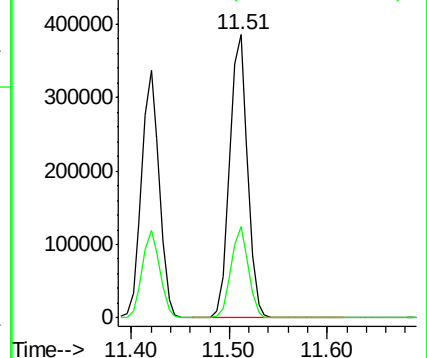
91 100

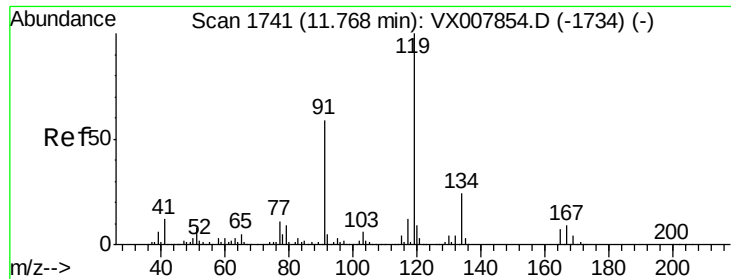
126 31.3 15.6 46.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

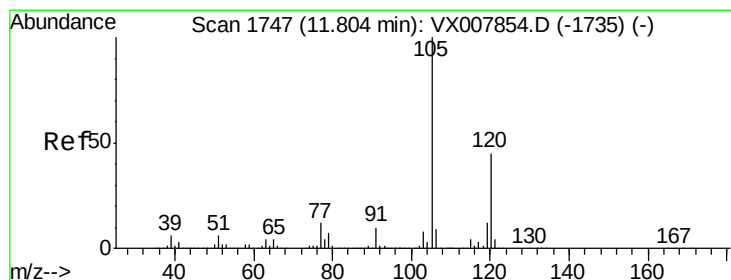
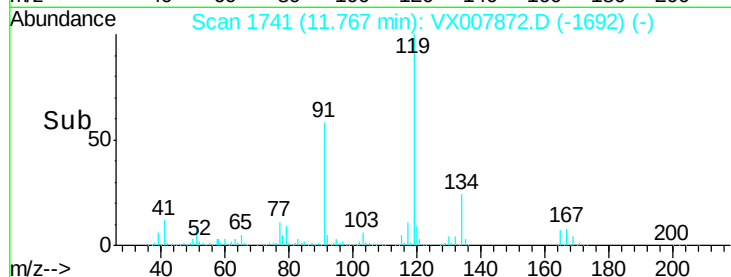
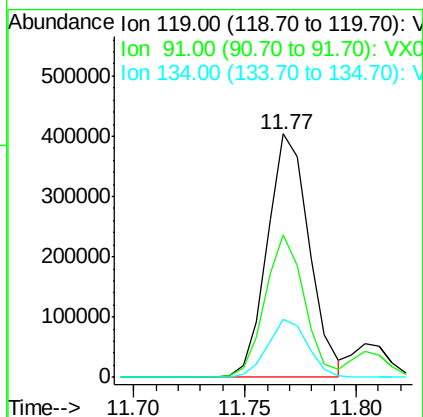
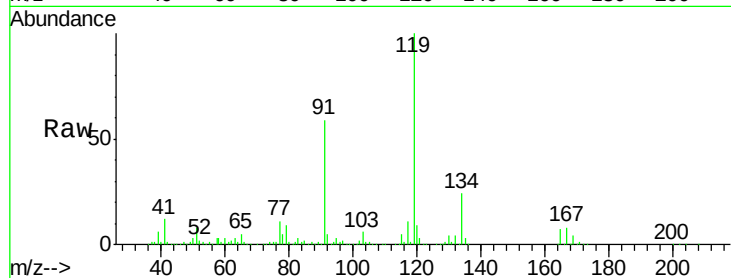




#83
 tert-Butylbenzene
 Concen: 48.694 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX007872.D
 Acq: 06 Mar 2019 20:40

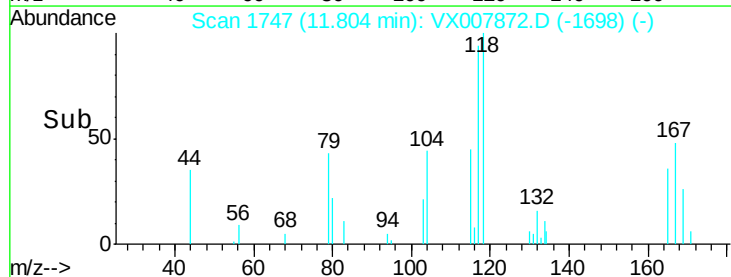
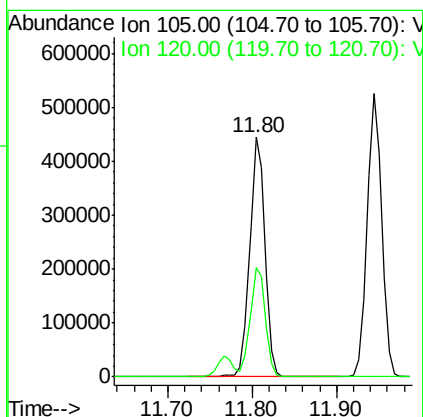
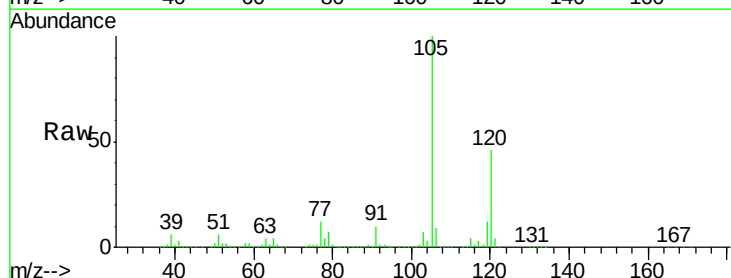
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

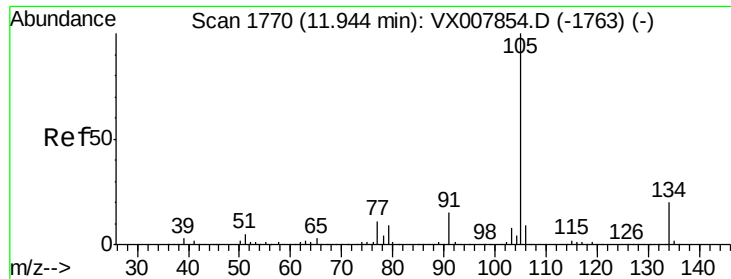
Tgt Ion:119 Resp: 526696
 Ion Ratio Lower Upper
 119 100
 91 54.9 27.1 81.3
 134 22.9 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 49.090 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX007872.D
 Acq: 06 Mar 2019 20:40

Tgt Ion:105 Resp: 540377
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.6 67.7

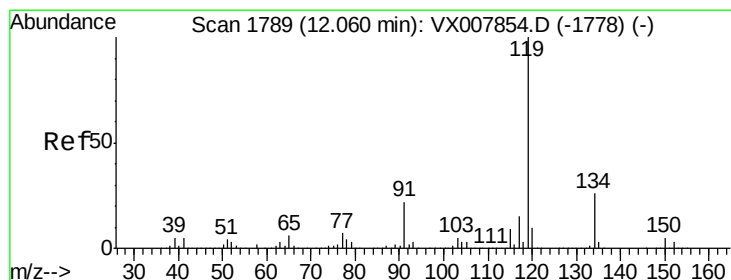
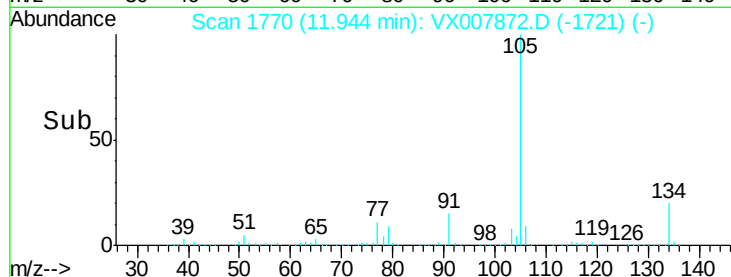
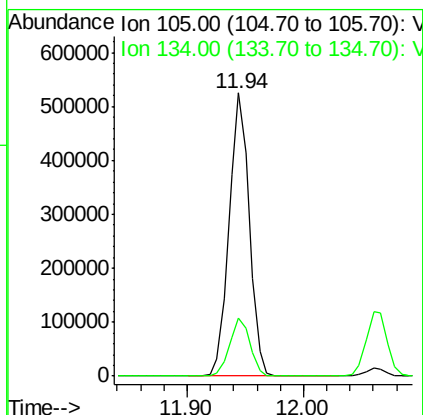
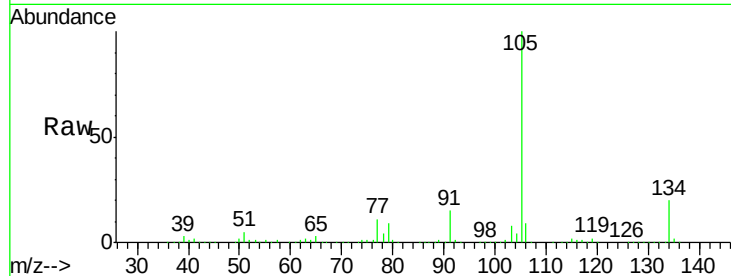




#85
 sec-Butylbenzene
 Concen: 49.611 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX007872.D
 Acq: 06 Mar 2019 20:40

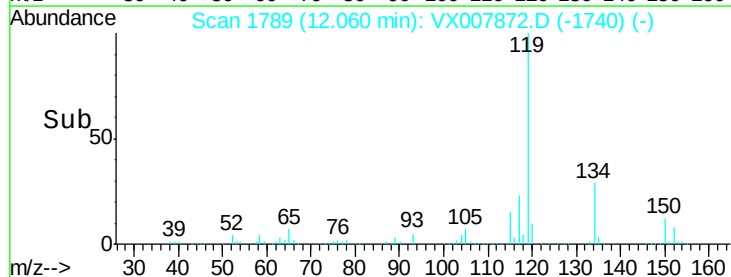
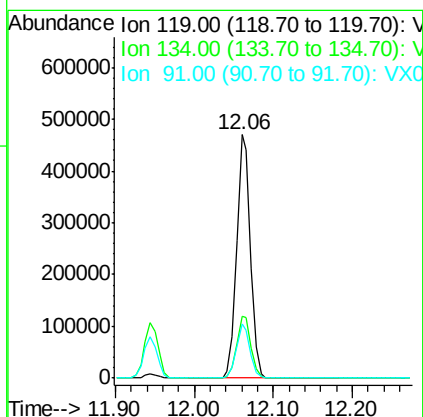
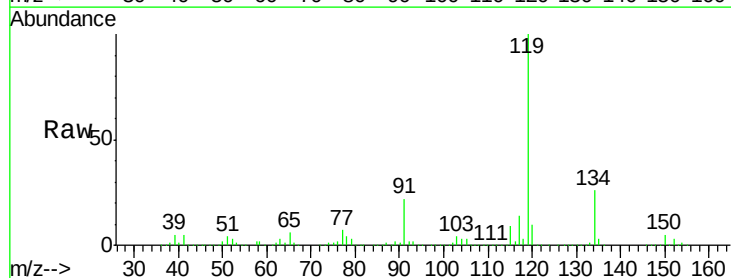
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

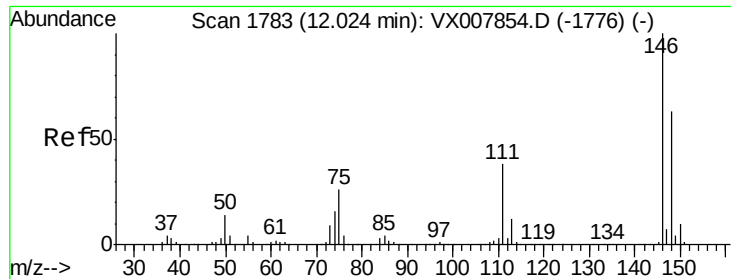
Tgt Ion:105 Resp: 632001
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 50.033 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX007872.D
 Acq: 06 Mar 2019 20:40

Tgt Ion:119 Resp: 570817
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.3 39.9
 91 21.7 10.9 32.7

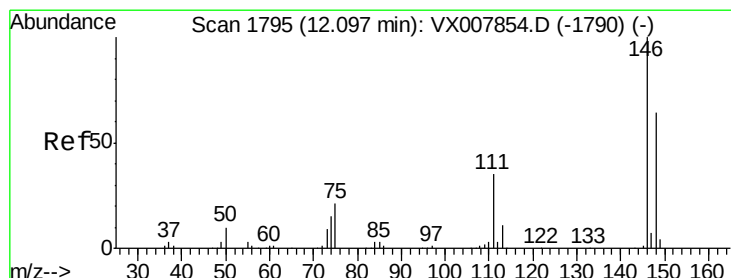
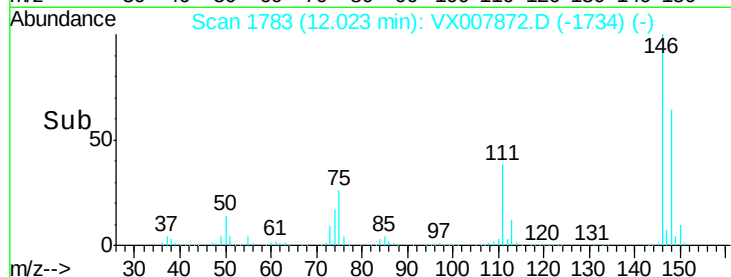
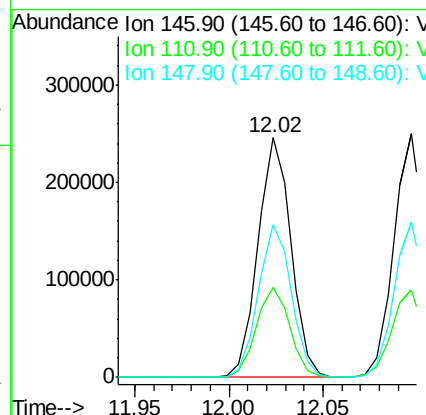
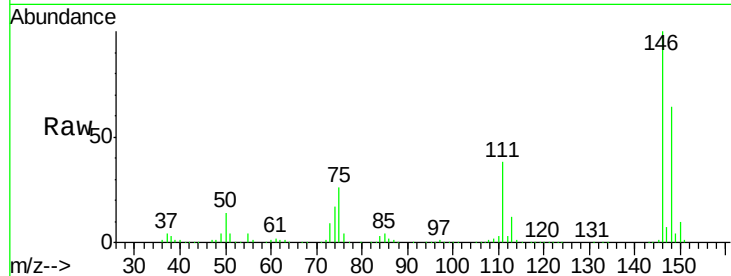




#87
 1,3-Dichlorobenzene
 Concen: 47.203 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007872.D
 Acq: 06 Mar 2019 20:40

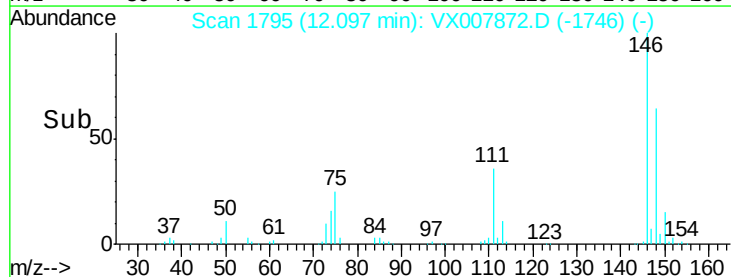
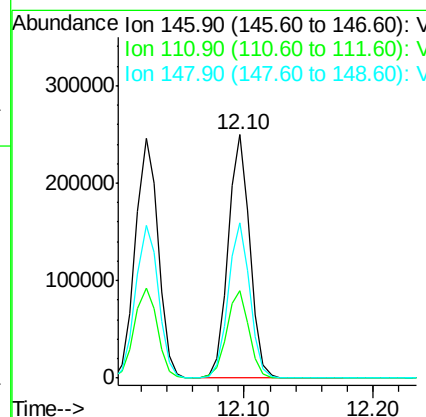
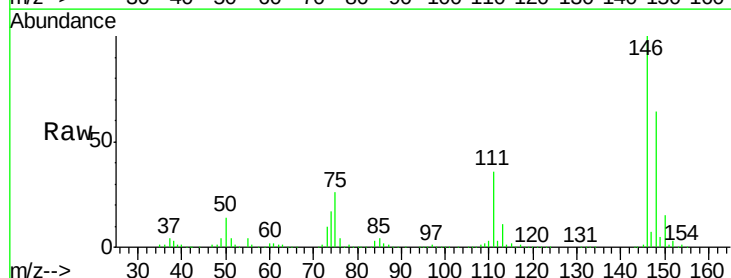
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

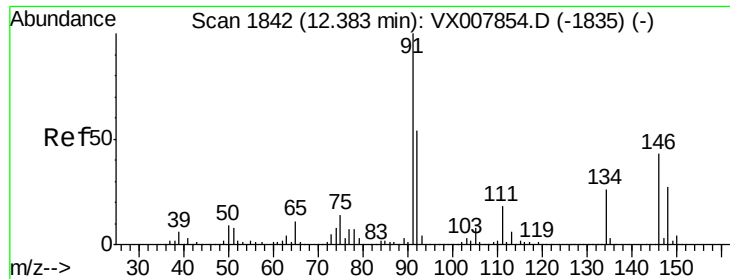
Tgt Ion:146 Resp: 298707
 Ion Ratio Lower Upper
 146 100
 111 38.0 18.9 56.7
 148 63.9 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 45.708 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007872.D
 Acq: 06 Mar 2019 20:40

Tgt Ion:146 Resp: 296217
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.4 55.0
 148 63.8 32.2 96.6

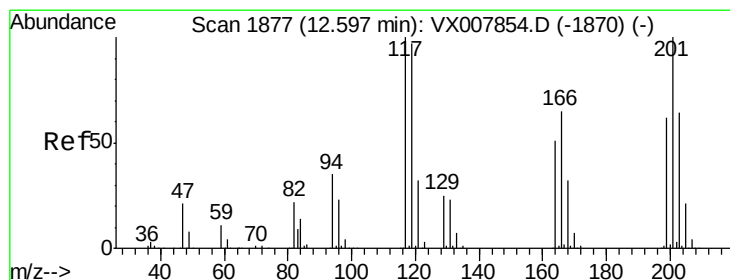
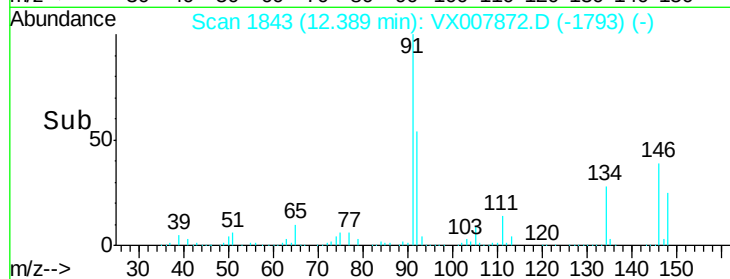
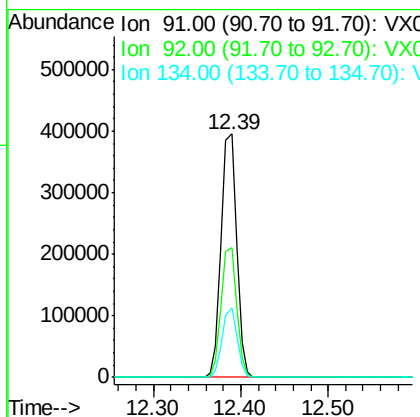
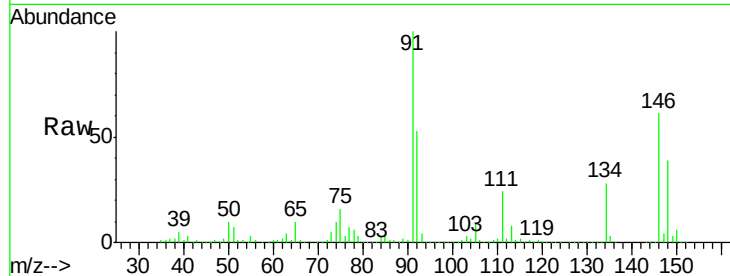




#89
n-Butylbenzene
Concen: 49.883 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX007872.D
Acq: 06 Mar 2019 20:40

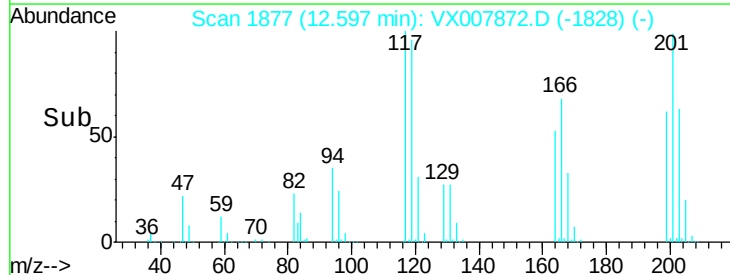
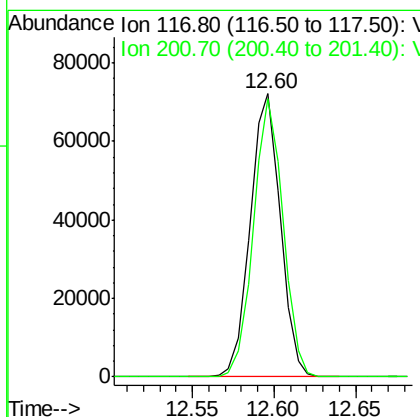
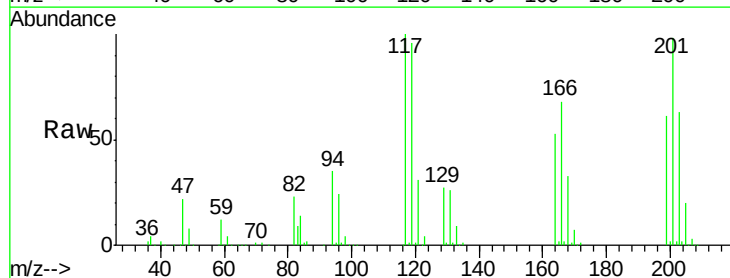
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

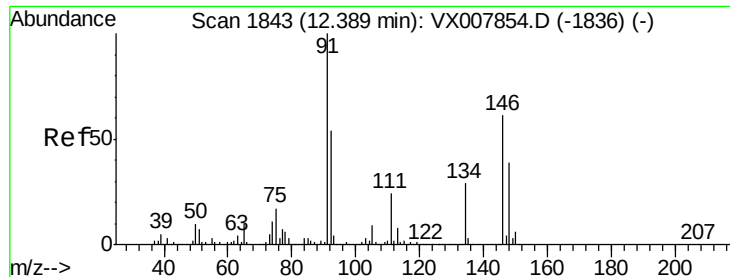
Tgt Ion: 91 Resp: 482156
Ion Ratio Lower Upper
91 100
92 53.2 27.0 80.8
134 27.3 13.7 41.0



#90
Hexachloroethane
Concen: 48.753 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX007872.D
Acq: 06 Mar 2019 20:40

Tgt Ion: 117 Resp: 92998
Ion Ratio Lower Upper
117 100
201 96.2 48.9 146.7

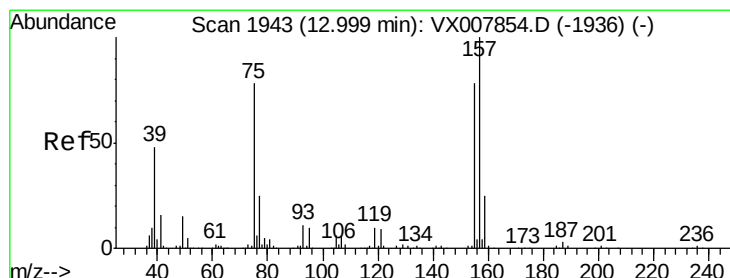
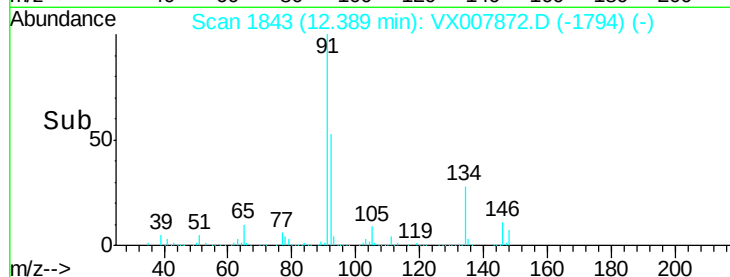
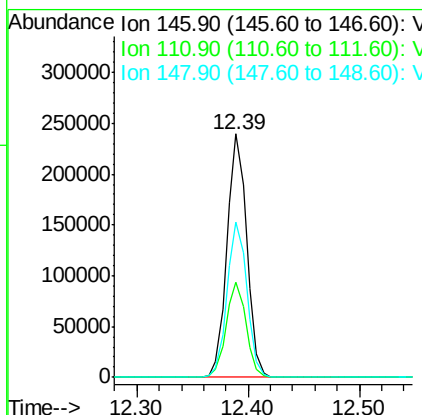
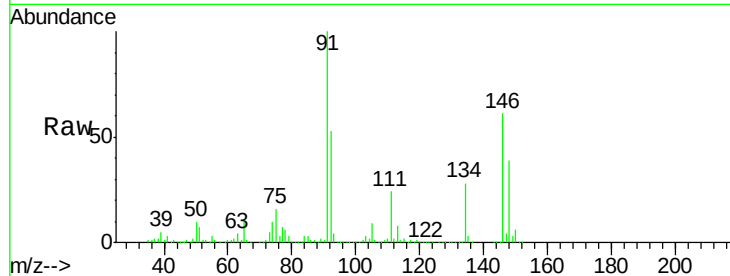




#91
 1,2-Dichlorobenzene
 Concen: 46.818 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX007872.D
 Acq: 06 Mar 2019 20:40

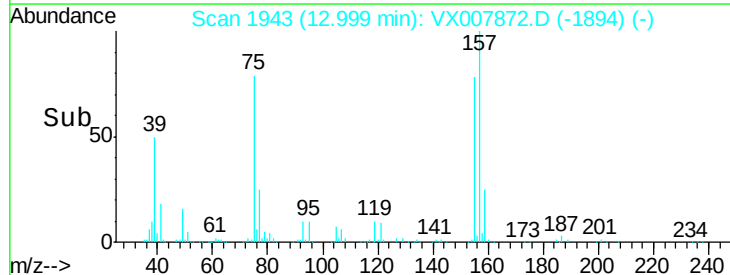
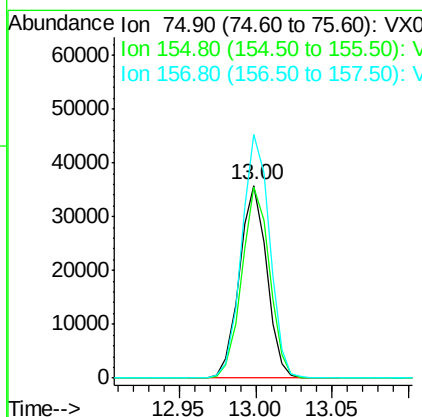
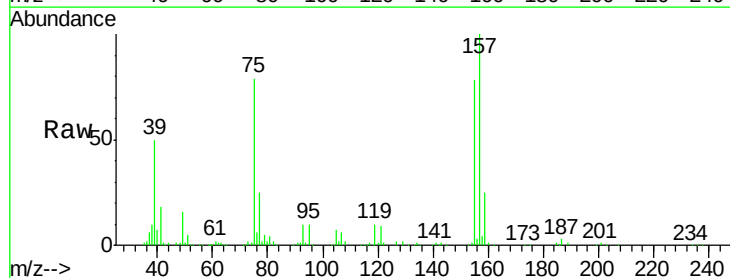
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

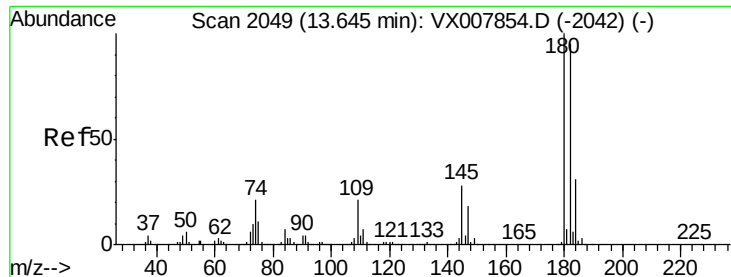
Tgt Ion:146 Resp: 294321
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.6 58.8
 148 63.8 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.174 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX007872.D
 Acq: 06 Mar 2019 20:40

Tgt Ion: 75 Resp: 44368
 Ion Ratio Lower Upper
 75 100
 155 100.3 49.7 149.1
 157 129.3 63.8 191.4

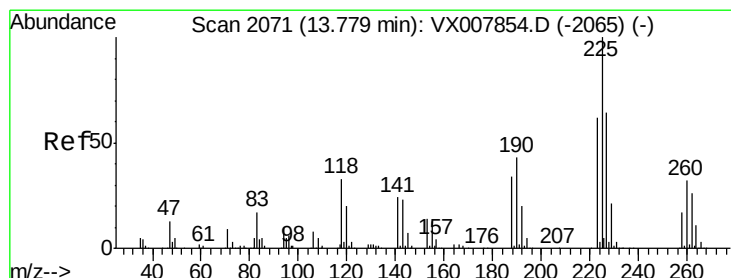
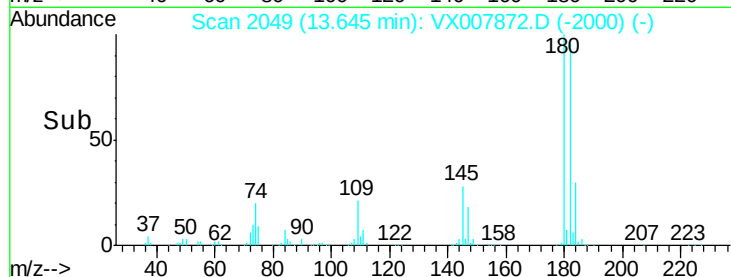
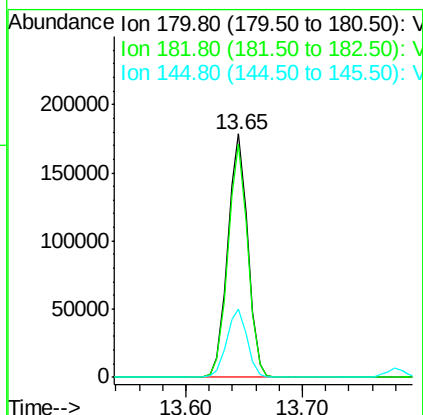
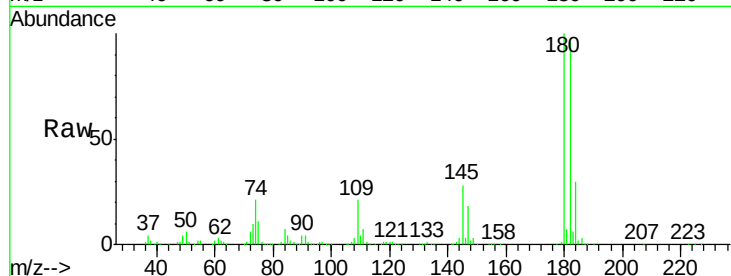




#93
 1,2,4-Trichlorobenzene
 Concen: 47.930 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007872.D
 Acq: 06 Mar 2019 20:40

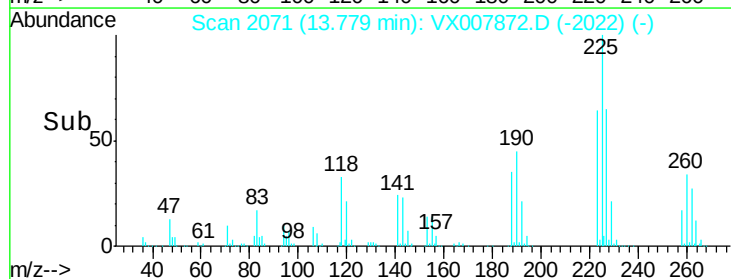
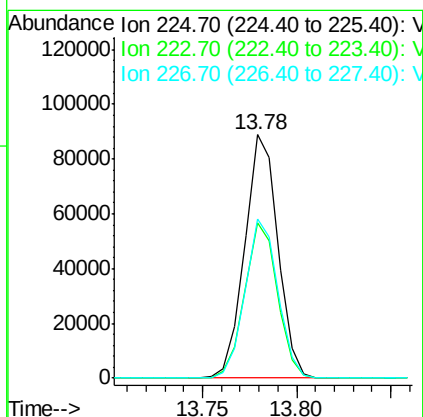
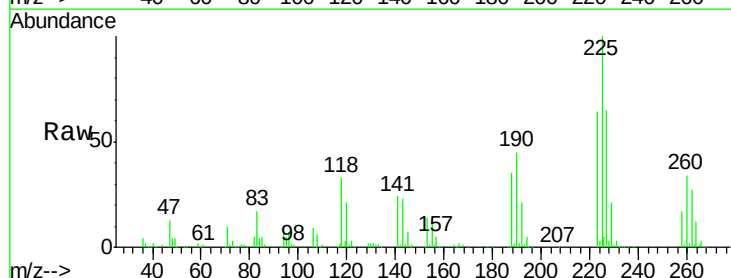
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

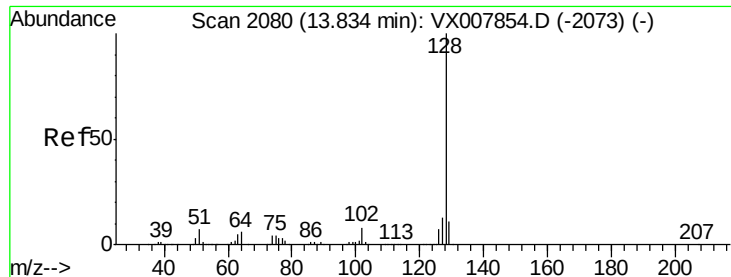
Tgt Ion:180 Resp: 211673
 Ion Ratio Lower Upper
 180 100
 182 94.9 47.9 143.7
 145 28.4 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 46.982 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007872.D
 Acq: 06 Mar 2019 20:40

Tgt Ion:225 Resp: 108479
 Ion Ratio Lower Upper
 225 100
 223 63.1 31.1 93.2
 227 64.6 32.0 96.0

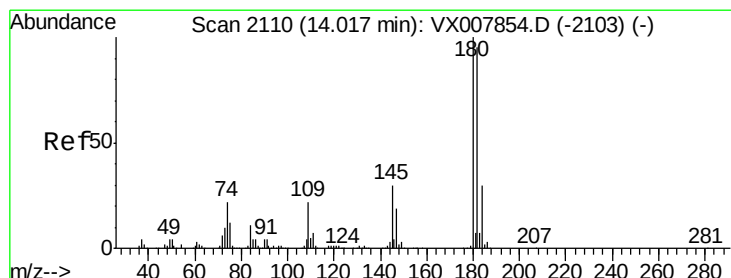
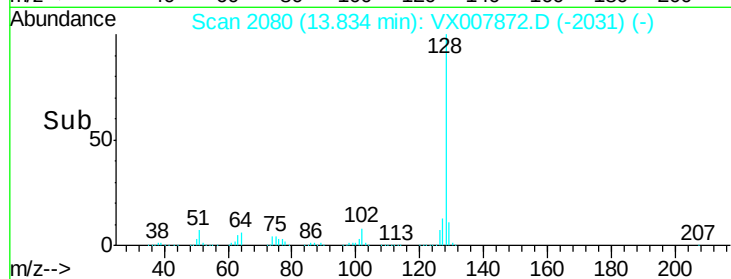
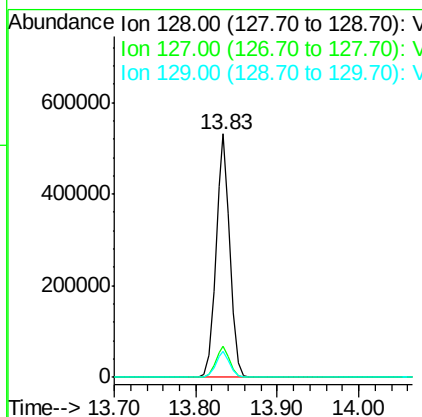
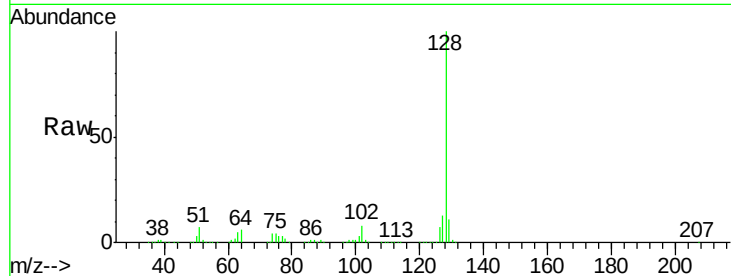




#95
Naphthalene
Concen: 49.779 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX007872.D
Acq: 06 Mar 2019 20:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 633424
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 47.728 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX007872.D
Acq: 06 Mar 2019 20:40

Tgt Ion:180 Resp: 209971
Ion Ratio Lower Upper
180 100
182 96.0 47.5 142.5
145 30.0 14.8 44.3

