

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071918\
 Data File : VX003495.D
 Acq On : 20 Jul 2018 05:51
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 31 15:18:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 17:09:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	312859	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	409324	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	384567	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	231942	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	187587	50.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.30%	
35) Dibromofluoromethane	5.50	113	187480	60.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.26%	
50) Toluene-d8	8.72	98	626545	53.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.94%	
62) 4-Bromofluorobenzene	11.14	95	225137	52.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	122611	49.36	ug/l	95
3) Chloromethane	1.32	50	169186	55.07	ug/l	99
4) Vinyl Chloride	1.41	62	188646	47.47	ug/l	100
5) Bromomethane	1.64	94	75831	47.86	ug/l	98
6) Chloroethane	1.72	64	122335	52.02	ug/l	94
7) Trichlorofluoromethane	1.93	101	262280	49.46	ug/l	92
8) Diethyl Ether	2.19	74	113863	50.00	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.39	101	161134	46.43	ug/l	97
10) Methyl Iodide	2.51	142	210210	50.42	ug/l	93
11) Tert butyl alcohol	3.07	59	203361	277.50	ug/l	99
12) 1,1-Dichloroethene	2.37	96	161596	50.57	ug/l	90
13) Acrolein	2.29	56	79536	240.21	ug/l	99
14) Allyl chloride	2.73	41	285184	50.42	ug/l #	86
15) Acrylonitrile	3.15	53	499599	267.78	ug/l	97
16) Acetone	2.45	43	379715	271.44	ug/l #	89
17) Carbon Disulfide	2.57	76	435812	50.43	ug/l #	94
18) Methyl Acetate	2.78	43	189338	42.93	ug/l	92
19) Methyl tert-butyl Ether	3.21	73	533982	51.17	ug/l	98
20) Methylene Chloride	2.86	84	181874	53.23	ug/l #	81
21) trans-1,2-Dichloroethene	3.16	96	177078	49.81	ug/l	89
22) Diisopropyl ether	3.87	45	571088	53.65	ug/l #	94
23) Vinyl Acetate	3.82	43	1956472	223.14	ug/l	96
24) 1,1-Dichloroethane	3.70	63	333542	53.41	ug/l	100
25) 2-Butanone	4.70	43	663865	282.85	ug/l	98
26) 2,2-Dichloropropane	4.59	77	174379	36.76	ug/l	91
27) cis-1,2-Dichloroethene	4.60	96	208208	52.59	ug/l	94
28) Bromochloromethane	5.02	49	152596	55.90	ug/l	83
29) Tetrahydrofuran	5.16	42	429392	276.95	ug/l	90
30) Chloroform	5.23	83	337656	55.37	ug/l	91
31) Cyclohexane	5.57	56	285011	51.08	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	279782	53.58	ug/l	96
36) 1,1-Dichloropropene	5.80	75	237797	53.81	ug/l	98
37) Ethyl Acetate	4.86	43	208932	49.96	ug/l #	93
38) Carbon Tetrachloride	5.79	117	239847	55.33	ug/l	91

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 QLast Update : Thu Jul 19 17:09:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	247437	47.27	ug/l	93
40) Benzene	6.15	78	693117	51.95	ug/l	100
41) Methacrylonitrile	5.07	41	144613	58.84	ug/l	91
42) 1,2-Dichloroethane	6.20	62	217720	51.79	ug/l	94
43) Isopropyl Acetate	6.46	43	313865	47.18	ug/l #	93
44) Trichloroethene	7.21	130	208742	52.46	ug/l	99
45) 1,2-Dichloropropane	7.52	63	176670	52.14	ug/l	100
46) Dibromomethane	7.67	93	113617	52.09	ug/l	93
47) Bromodichloromethane	7.90	83	218348	54.68	ug/l	97
48) Methyl methacrylate	7.78	41	179905	53.63	ug/l #	83
49) 1,4-Dioxane	7.76	88	81356	1070.32	ug/l #	94
51) 4-Methyl-2-Pentanone	8.65	43	1178564	280.44	ug/l	93
52) Toluene	8.79	92	440101	52.40	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	251450	51.16	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	228681	51.74	ug/l	90
55) 1,1,2-Trichloroethane	9.22	97	174073	52.09	ug/l	98
56) Ethyl methacrylate	9.18	69	253740	53.90	ug/l #	85
57) 1,3-Dichloropropane	9.37	76	283239	52.43	ug/l	100
59) 2-Hexanone	9.50	43	869290	279.17	ug/l	90
60) Dibromochloromethane	9.59	129	177070	53.53	ug/l	99
61) 1,2-Dibromoethane	9.68	107	179698	51.87	ug/l	99
64) Tetrachloroethene	9.34	164	225690	48.17	ug/l	97
65) Chlorobenzene	10.14	112	489670	49.42	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	177175	51.97	ug/l	99
67) Ethyl Benzene	10.26	91	819300	51.43	ug/l	99
68) m/p-Xylenes	10.36	106	642880	102.93	ug/l	96
69) o-Xylene	10.70	106	310394	51.39	ug/l	97
70) Styrene	10.71	104	525397	52.89	ug/l	97
71) Bromoform	10.86	173	137369	51.86	ug/l #	100
73) Isopropylbenzene	11.02	105	815522	50.84	ug/l	100
74) N-amyl acetate	6.46	43	313865	46.08	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	11.27	83	244166	51.94	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	280177	67.24	ug/l	80
77) Bromobenzene	11.26	156	223838	48.52	ug/l	99
78) n-propylbenzene	11.36	91	930480	52.18	ug/l	99
79) 2-Chlorotoluene	11.42	91	556777	51.44	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	687114	52.12	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	63688	43.72	ug/l	91
82) 4-Chlorotoluene	11.51	91	648340	51.12	ug/l	98
83) tert-Butylbenzene	11.77	119	659096	51.05	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	713157	53.16	ug/l	98
85) sec-Butylbenzene	11.95	105	799919	51.01	ug/l	100
86) p-Isopropyltoluene	12.07	119	720373	51.19	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	411898	48.57	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	413076	47.28	ug/l	99
89) n-Butylbenzene	12.39	91	594328	49.73	ug/l	99
90) Hexachloroethane	12.60	117	101253	50.61	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	421475	50.42	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	48721	53.26	ug/l	91
93) 1,2,4-Trichlorobenzene	13.65	180	283113	46.22	ug/l	99

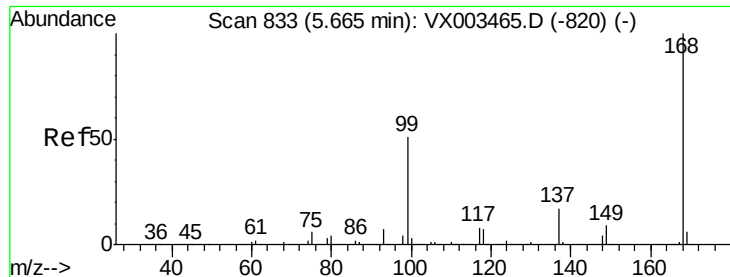
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	133684	45.38	ug/l	99
95) Naphthalene	13.83	128	850968	52.86	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	293024	48.32	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003495.D

Acq: 20 Jul 2018 05:51

Instrument :

MSVOA_X

ClientSampleId :

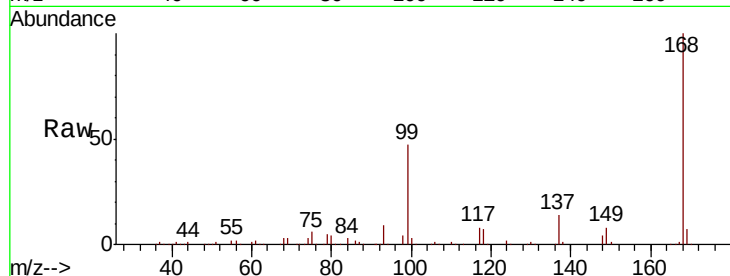
VSTDCCC050EC

Tot Ion:168 Resp: 312859

Ion Ratio Lower Upper

168 100

99 47.1 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

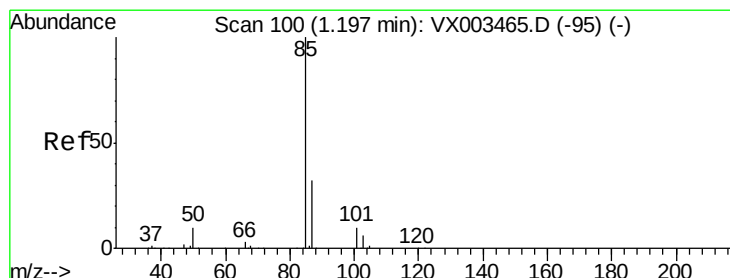
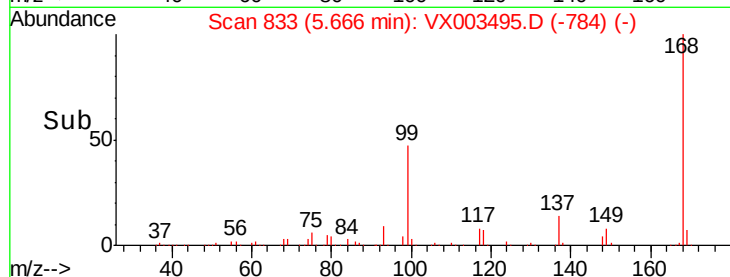
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 49.36 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003495.D

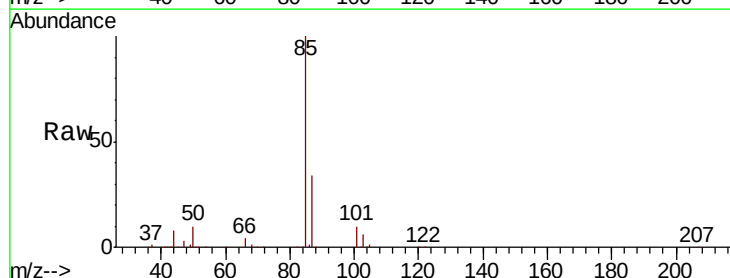
Acq: 20 Jul 2018 05:51

Tgt Ion: 85 Resp: 122611

Ion Ratio Lower Upper

85 100

87 34.5 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

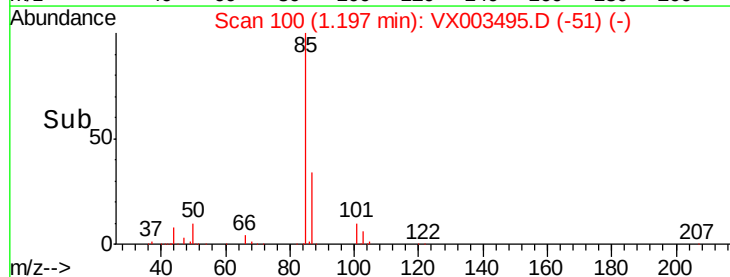
150000

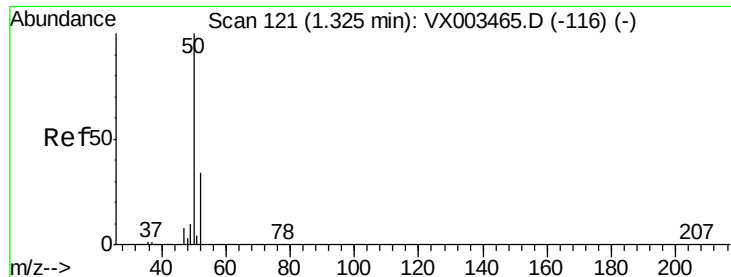
100000

50000

0

Time-->





#3

Chloromethane

Concen: 55.07 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003495.D

Acq: 20 Jul 2018 05:51

Instrument :

MSVOA_X

ClientSampleId :

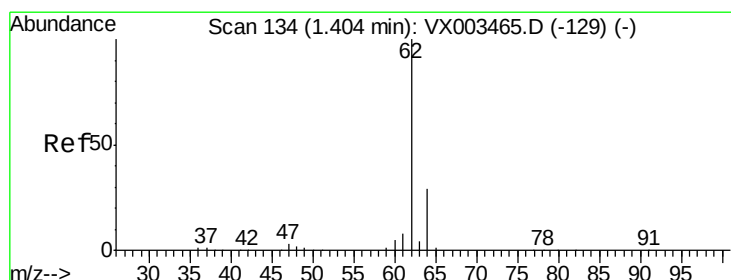
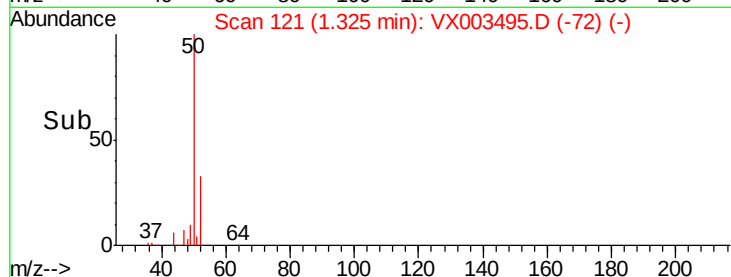
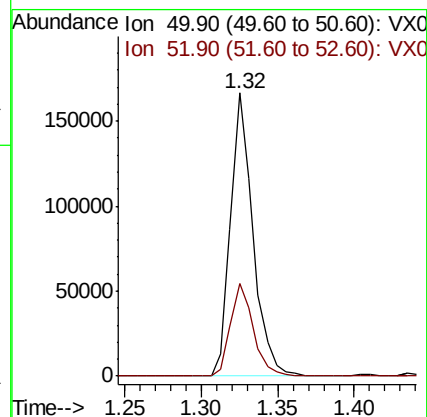
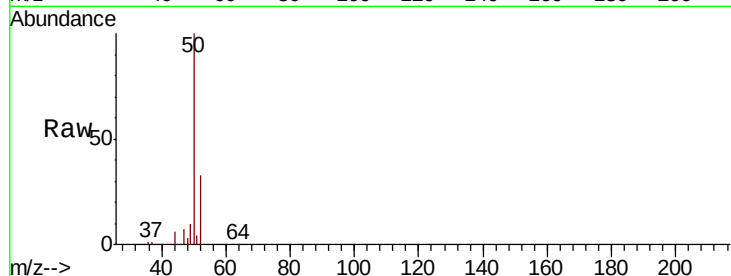
VSTDCCC050EC

Tot Ion: 50 Resp: 169186

Ion Ratio Lower Upper

50 100

52 32.6 25.7 38.5



#4

Vinyl Chloride

Concen: 47.47 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX003495.D

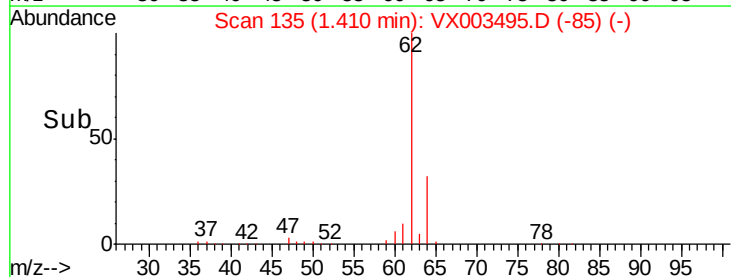
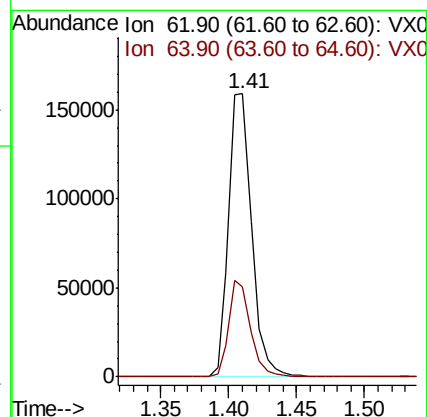
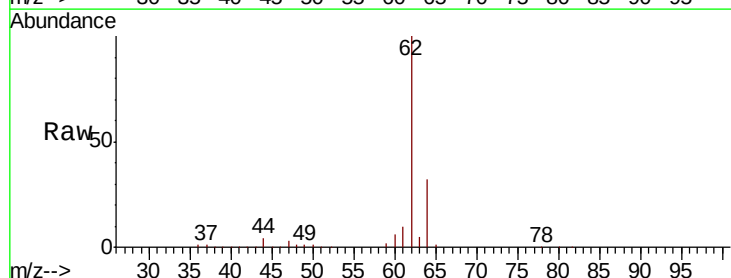
Acq: 20 Jul 2018 05:51

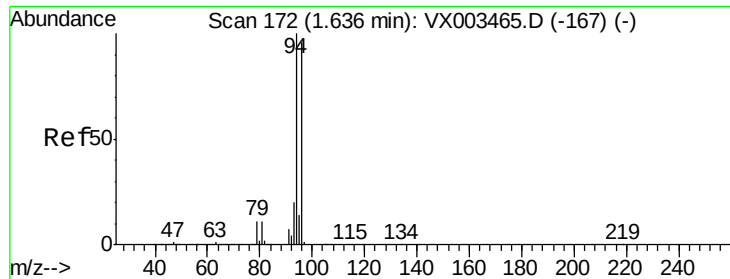
Tgt Ion: 62 Resp: 188646

Ion Ratio Lower Upper

62 100

64 31.7 25.4 38.2





#5

Bromomethane

Concen: 47.86 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003495.D

Acq: 20 Jul 2018 05:51

Instrument :

MSVOA_X

ClientSampleId :

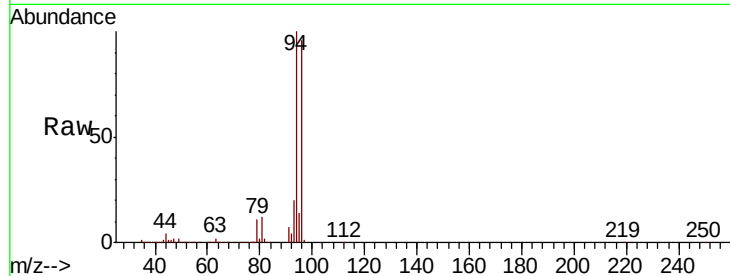
VSTDCCC050EC

Tot Ion: 94 Resp: 75831

Ion Ratio Lower Upper

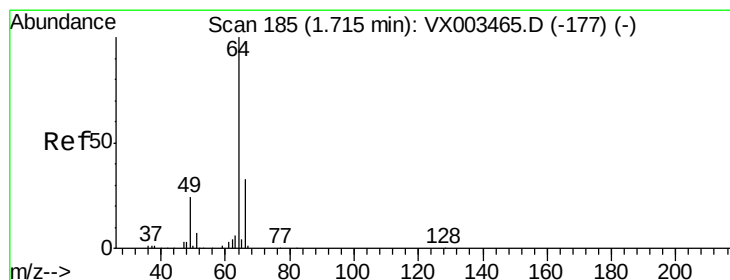
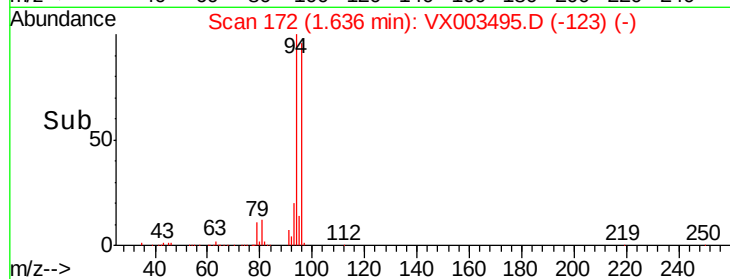
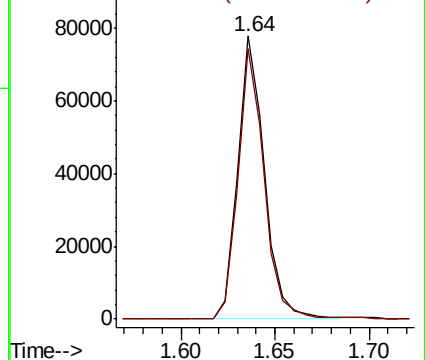
94 100

96 95.7 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 52.02 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX003495.D

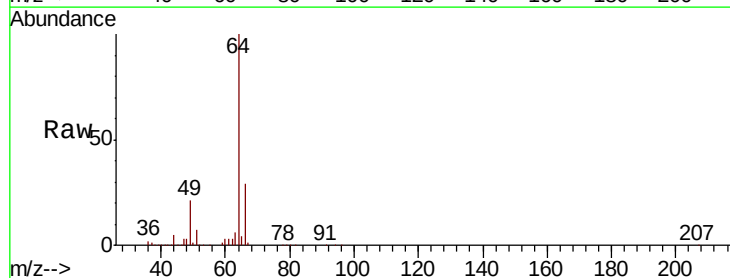
Acq: 20 Jul 2018 05:51

Tgt Ion: 64 Resp: 122335

Ion Ratio Lower Upper

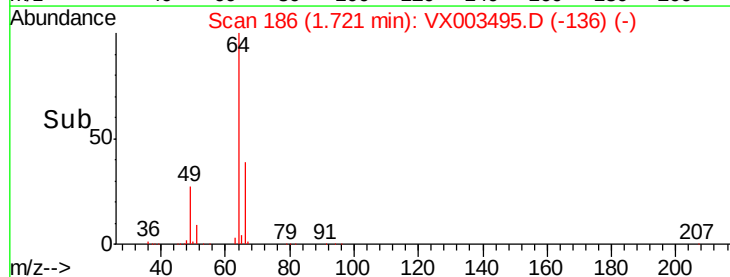
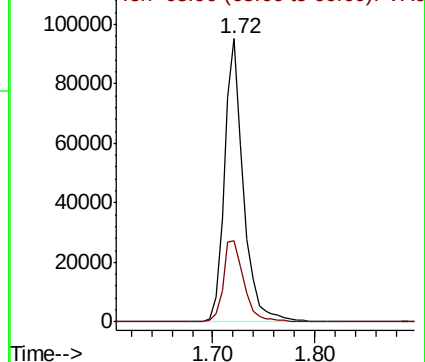
64 100

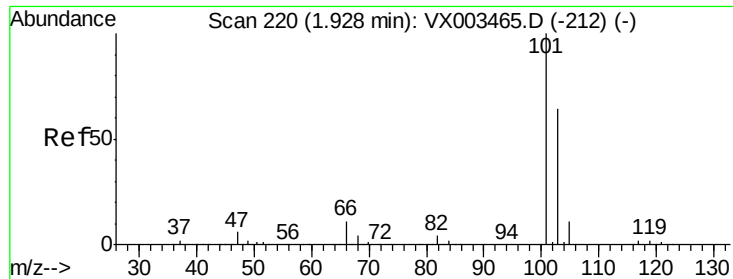
66 28.8 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



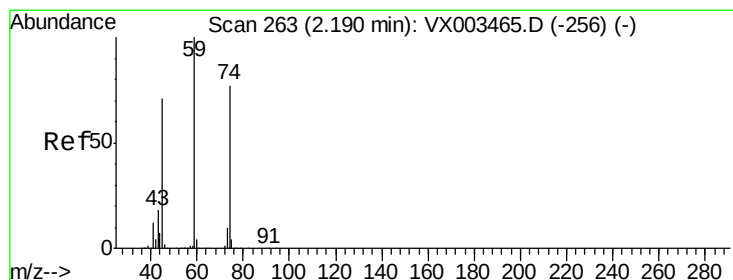
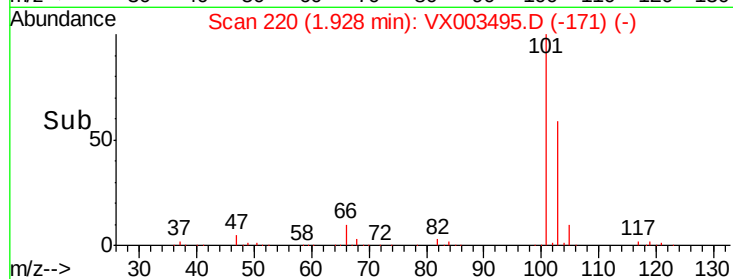
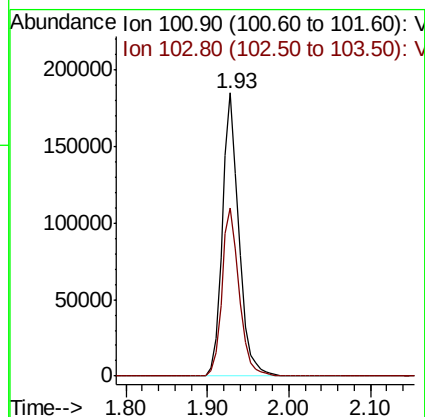
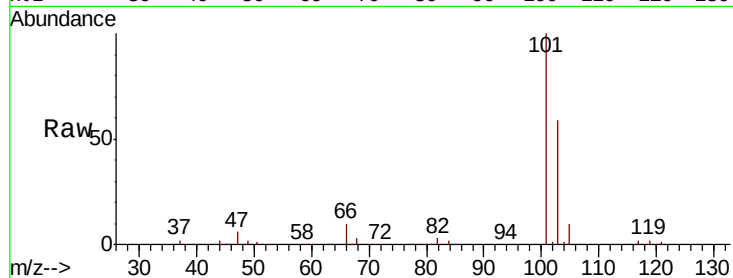


#7

Trichlorofluoromethane
 Concen: 49.46 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.00 min
 Lab File: VX003495.D
 Acq: 20 Jul 2018 05:51

Instrument :
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 ClientSampleId :
 VSTDCCC050EC

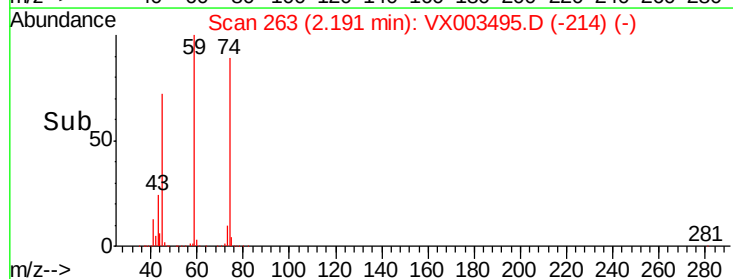
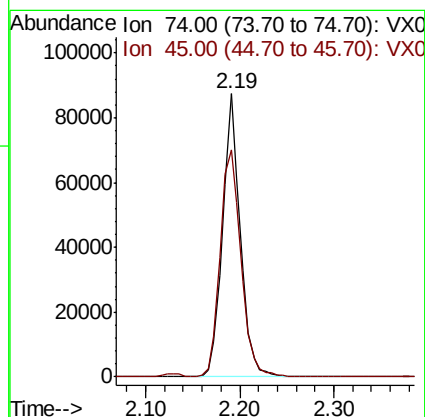
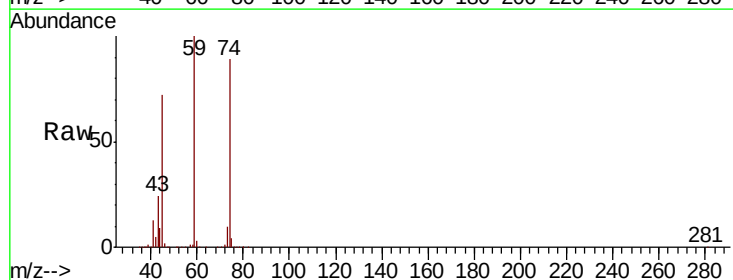
Tot Ion:101 Resp: 262280
 Ion Ratio Lower Upper
 101 100
 103 59.5 52.8 79.2

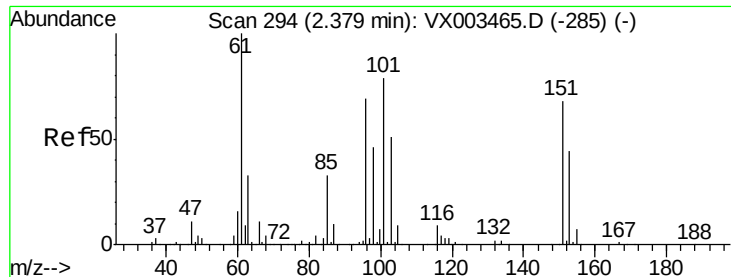


#8

Diethyl Ether
 Concen: 50.00 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX003495.D
 Acq: 20 Jul 2018 05:51

Tgt Ion: 74 Resp: 113863
 Ion Ratio Lower Upper
 74 100
 45 93.5 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.43 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX003495.D

Acq: 20 Jul 2018 05:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

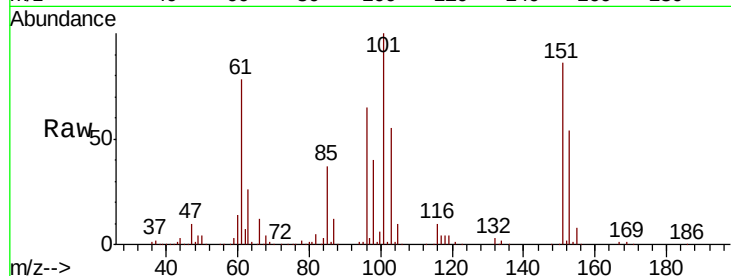
Tot Ion:101 Resp: 161134

Ion Ratio Lower Upper

101 100

85 40.8 36.0 54.0

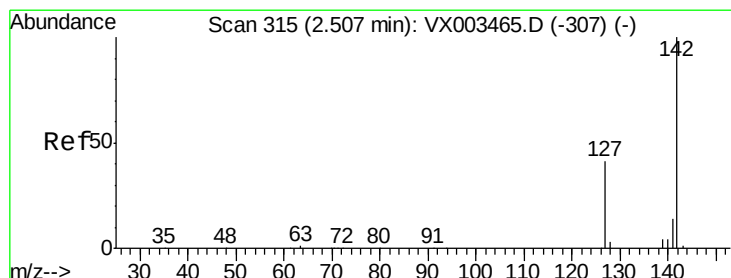
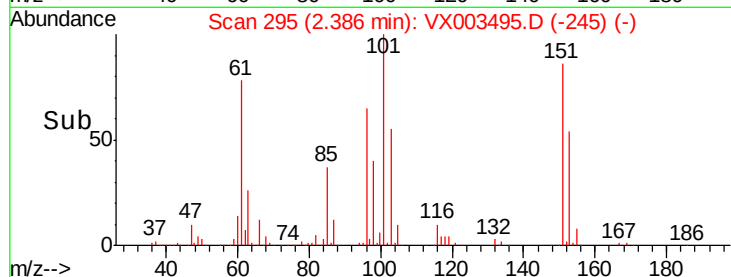
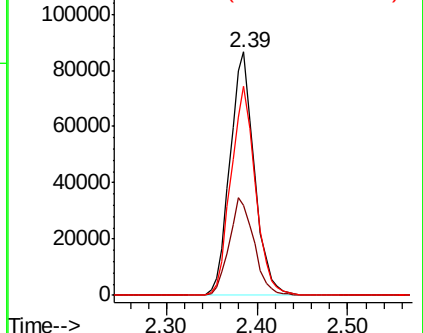
151 86.8 70.9 106.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.42 ug/l

RT: 2.51 min Scan# 315

Delta R.T. 0.00 min

Lab File: VX003495.D

Acq: 20 Jul 2018 05:51

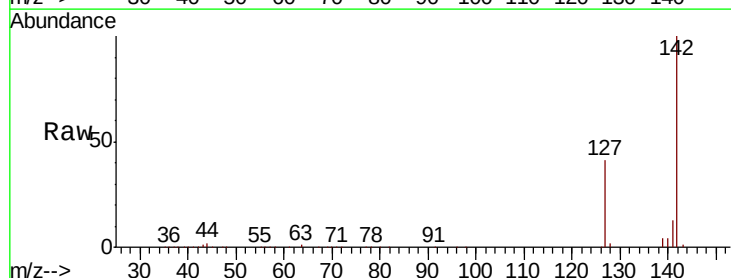
Tgt Ion:142 Resp: 210210

Ion Ratio Lower Upper

142 100

127 39.7 36.6 55.0

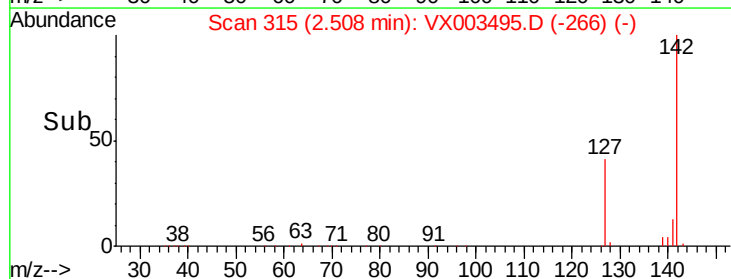
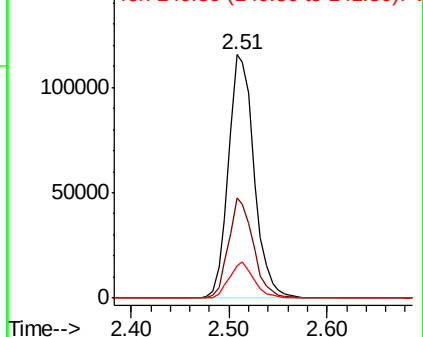
141 14.4 11.3 16.9

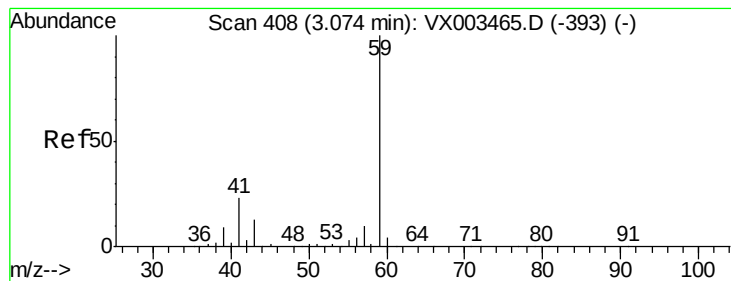


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



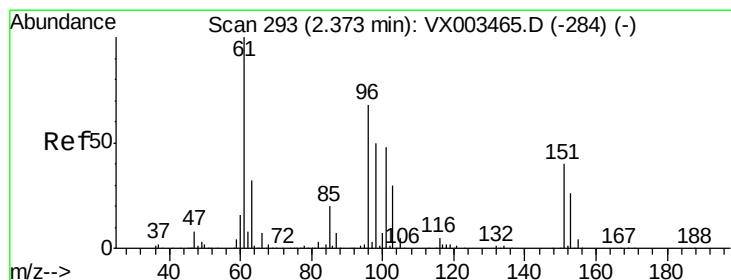
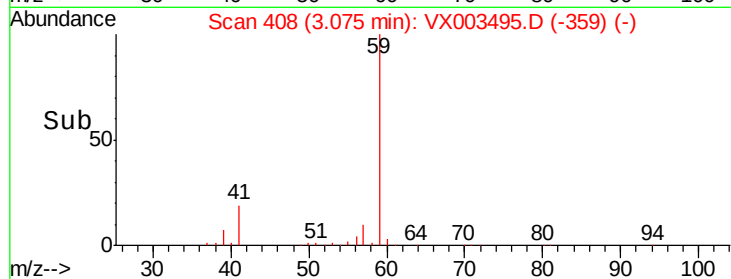
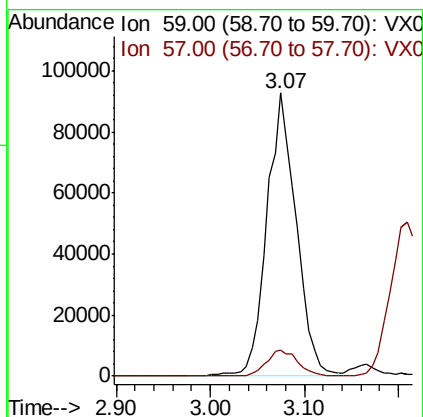
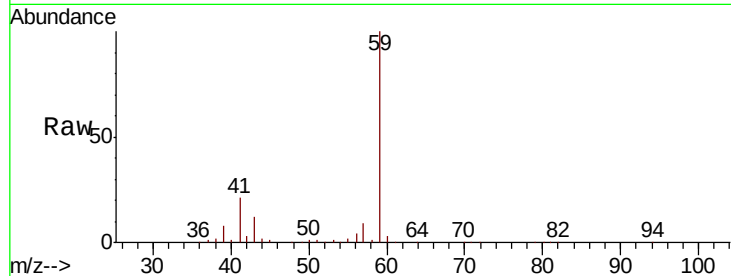


#11

Tert butyl alcohol
 Concen: 277.50 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. 0.00 min
 Lab File: VX003495.D
 Acq: 20 Jul 2018 05:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

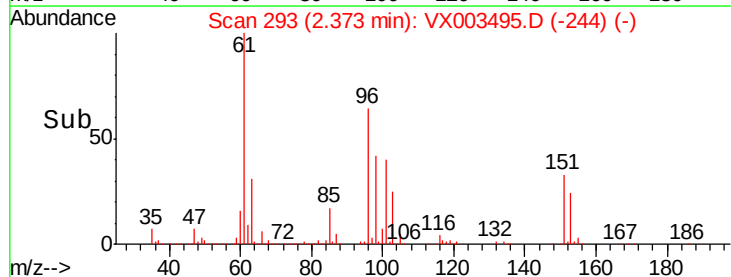
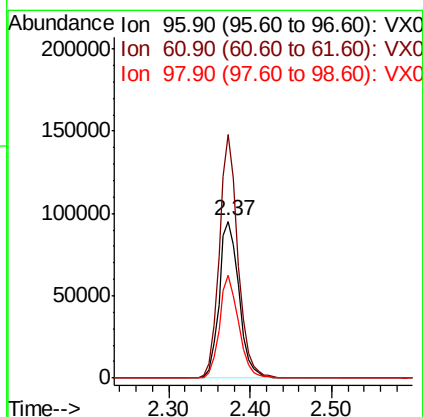
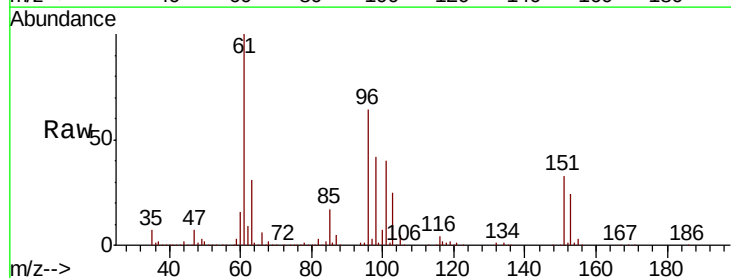
Tot Ion: 59 Resp: 203361
 Ion Ratio Lower Upper
 59 100
 57 9.9 8.2 12.2

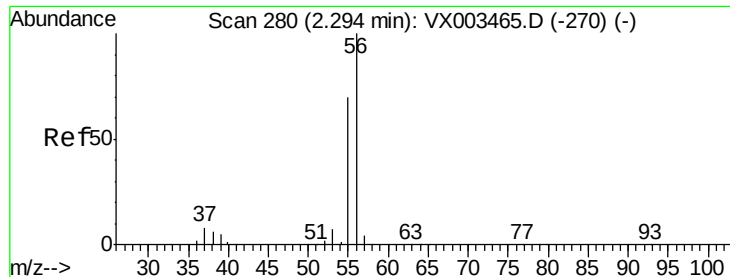


#12

1,1-Dichloroethene
 Concen: 50.57 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VX003495.D
 Acq: 20 Jul 2018 05:51

Tgt Ion: 96 Resp: 161596
 Ion Ratio Lower Upper
 96 100
 61 155.1 137.9 206.9
 98 65.7 51.6 77.4





#13

Acrolein

Concen: 240.21 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003495.D

Acq: 20 Jul 2018 05:51

Instrument :

MSVOA_X

ClientSampleId :

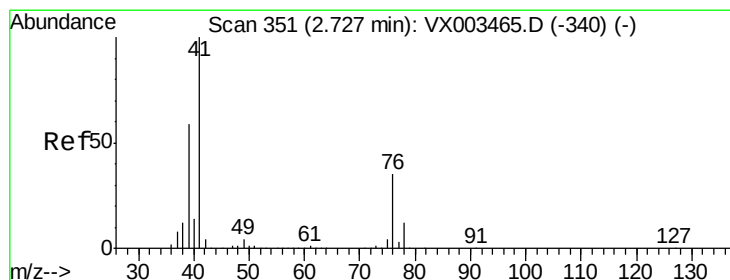
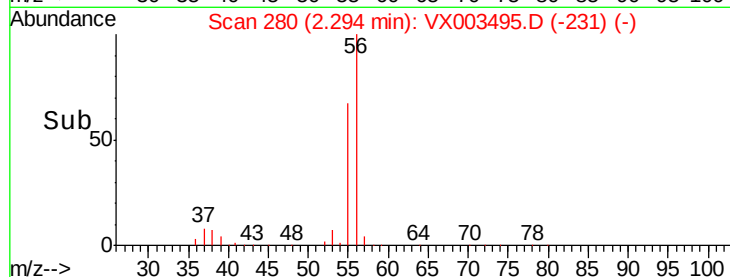
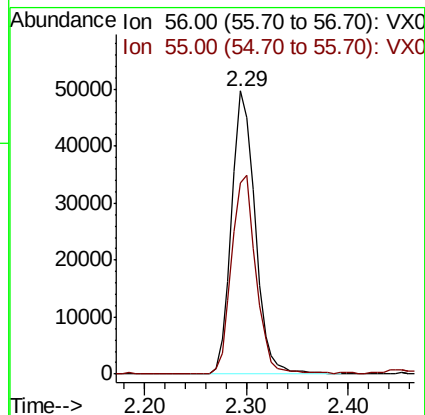
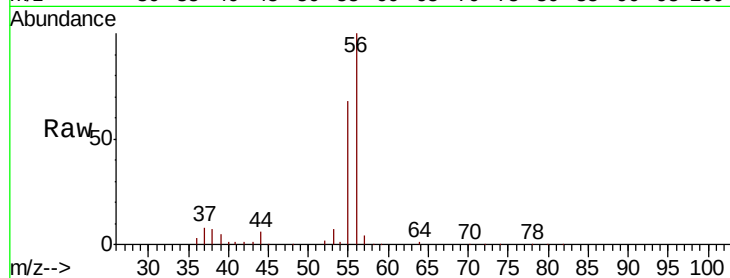
VSTDCCC050EC

Tot Ion: 56 Resp: 79536

Ion Ratio Lower Upper

56 100

55 72.1 57.0 85.4



#14

Allyl chloride

Concen: 50.42 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX003495.D

Acq: 20 Jul 2018 05:51

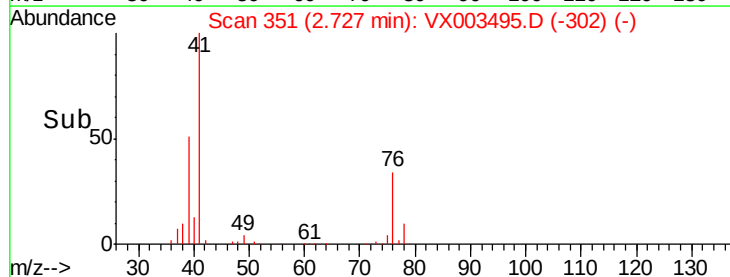
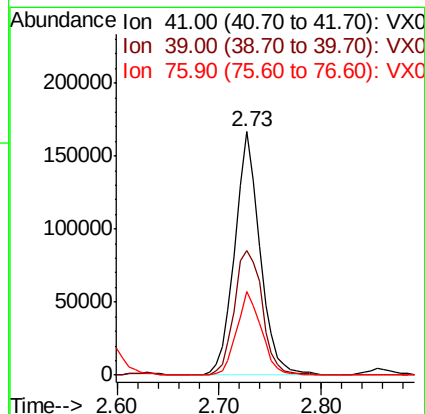
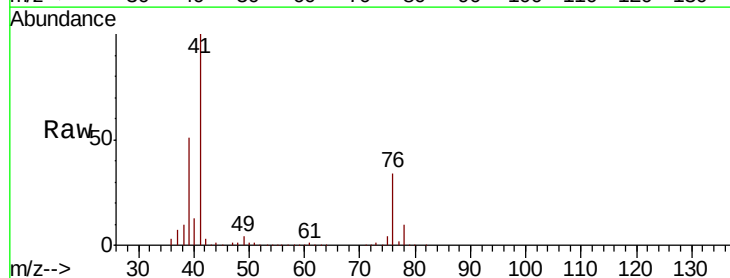
Tgt Ion: 41 Resp: 285184

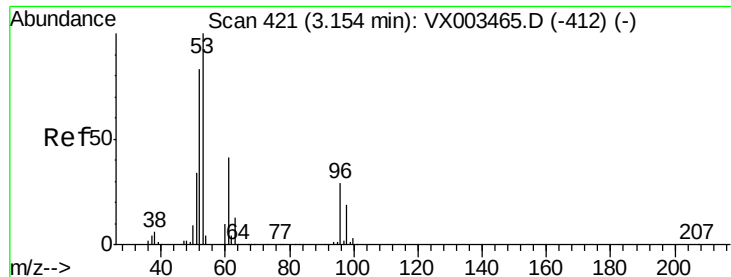
Ion Ratio Lower Upper

41 100

39 56.6 56.8 85.2#

76 33.3 23.8 35.8





#15

Acrylonitrile

Concen: 267.78 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX003495.D

Acq: 20 Jul 2018 05:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

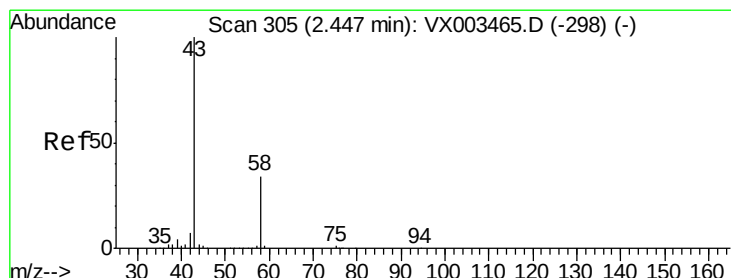
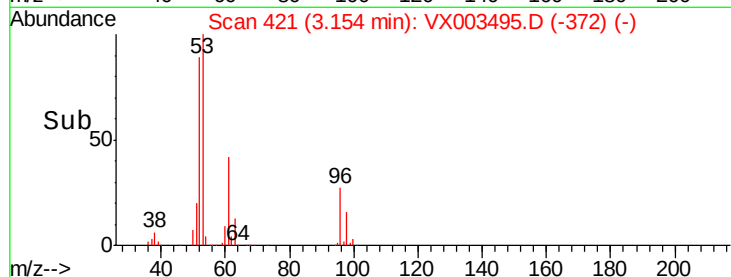
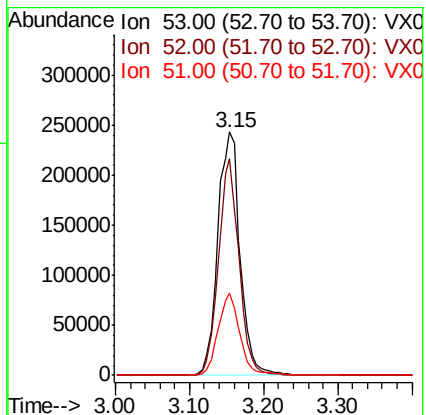
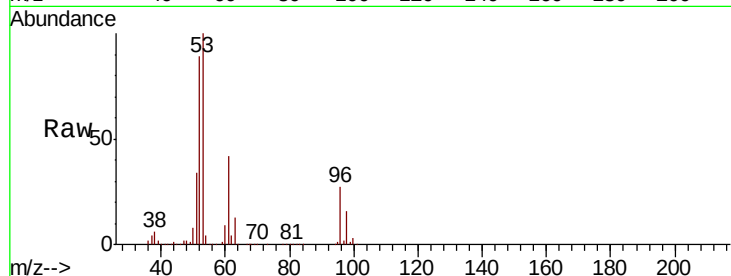
Tot Ion: 53 Resp: 499599

Ion Ratio Lower Upper

53 100

52 82.0 66.7 100.1

51 33.0 29.9 44.9



#16

Acetone

Concen: 271.44 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003495.D

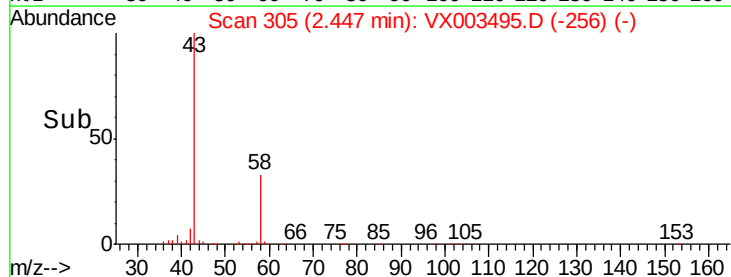
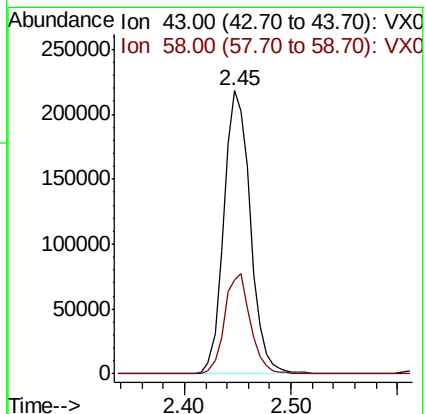
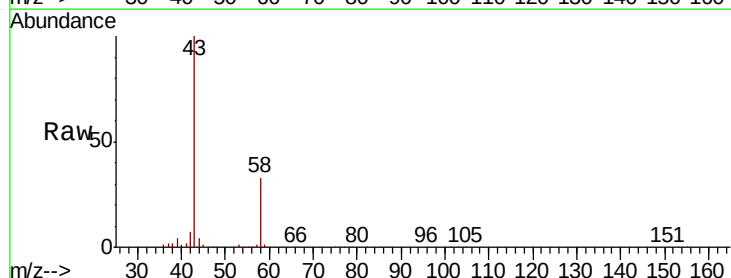
Acq: 20 Jul 2018 05:51

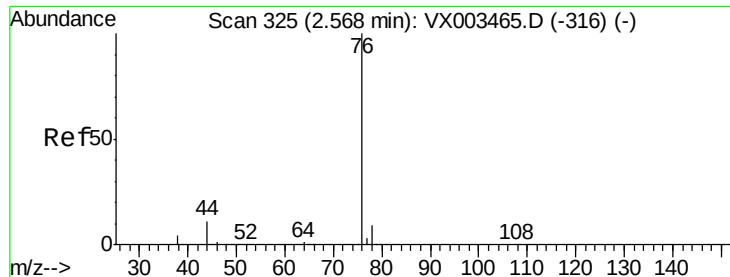
Tgt Ion: 43 Resp: 379715

Ion Ratio Lower Upper

43 100

58 33.3 22.1 33.1#





#17

Carbon Disulfide

Concen: 50.43 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX003495.D

Acq: 20 Jul 2018 05:51

Instrument :

MSVOA_X

ClientSampleId :

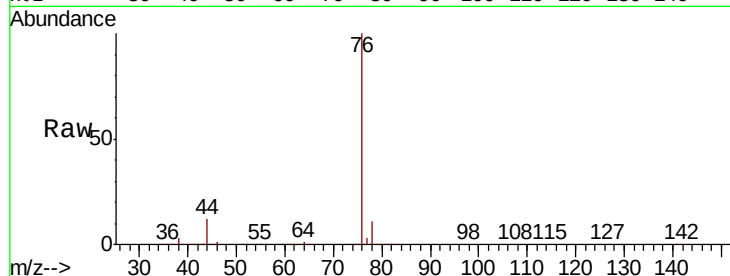
VSTDCCC050EC

Tot Ion: 76 Resp: 435812

Ion Ratio Lower Upper

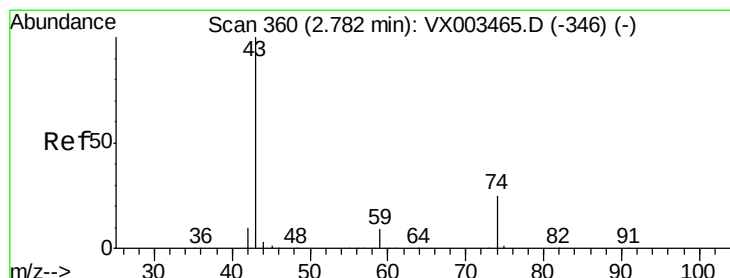
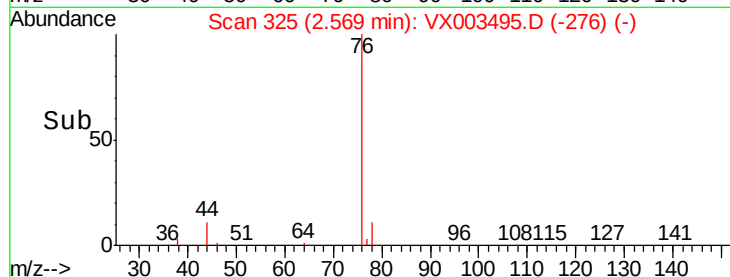
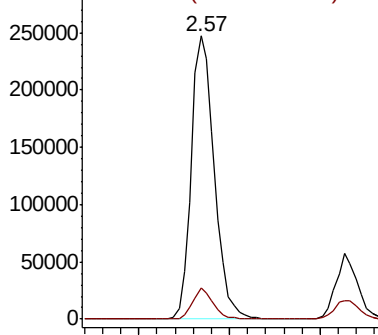
76 100

78 10.9 6.9 10.3#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 42.93 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX003495.D

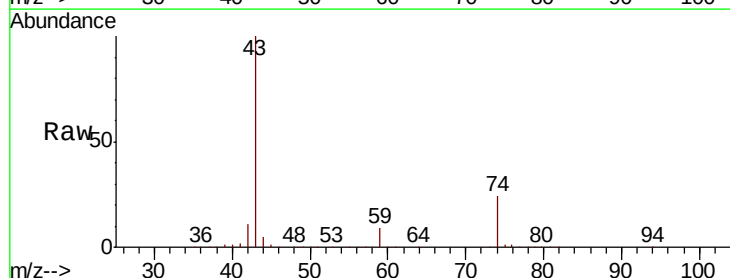
Acq: 20 Jul 2018 05:51

Tgt Ion: 43 Resp: 189338

Ion Ratio Lower Upper

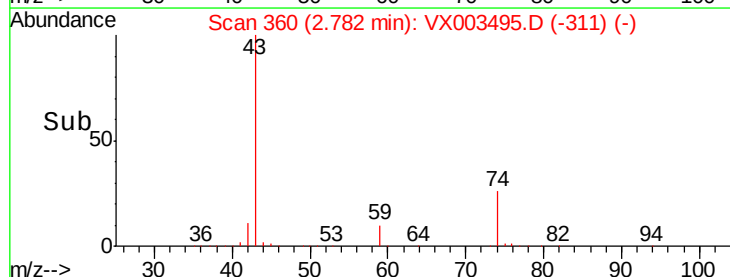
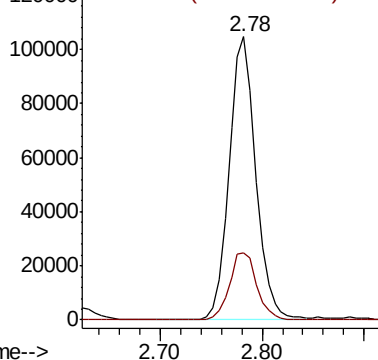
43 100

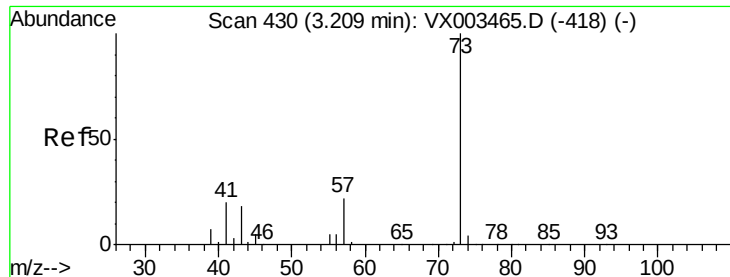
74 24.8 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

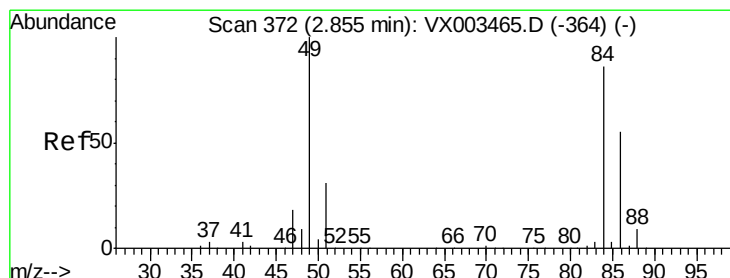
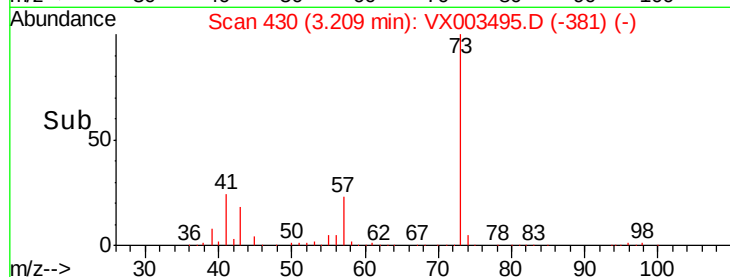
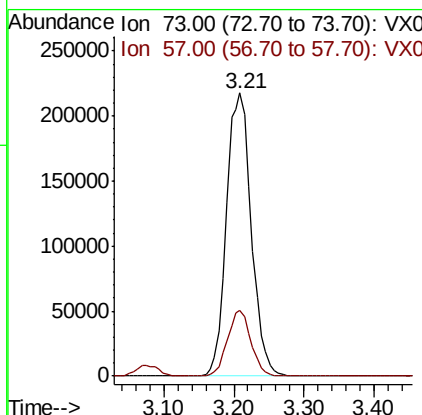
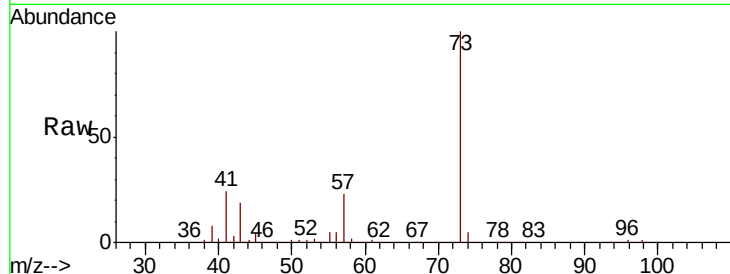




#19
Methyl tert-butyl Ether
Concen: 51.17 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX003495.D
Acq: 20 Jul 2018 05:51

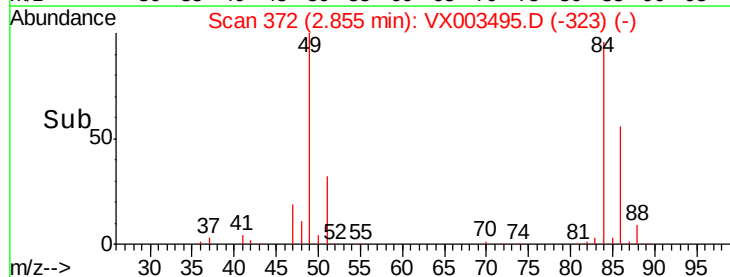
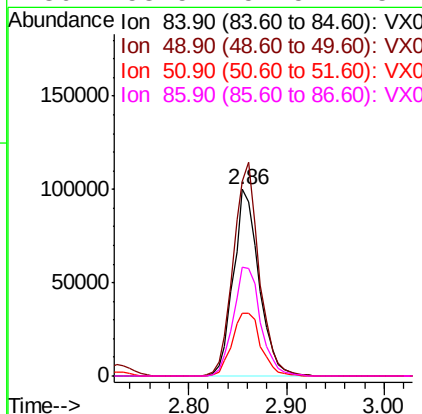
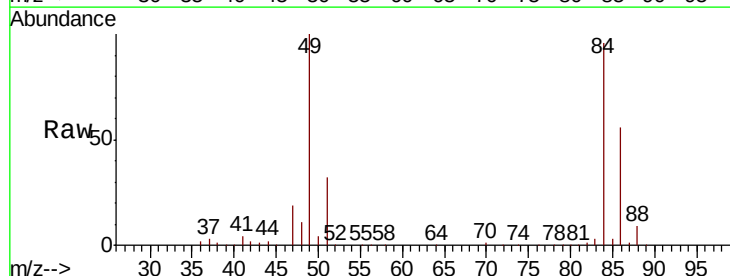
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

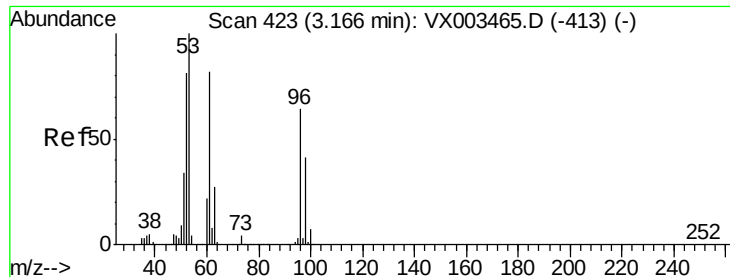
Tot Ion: 73 Resp: 533982
Ion Ratio Lower Upper
73 100
57 23.3 17.7 26.5



#20
Methylene Chloride
Concen: 53.23 ug/l
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003495.D
Acq: 20 Jul 2018 05:51

Tgt Ion: 84 Resp: 181874
Ion Ratio Lower Upper
84 100
49 104.1 107.8 161.6#
51 33.4 32.8 49.2
86 58.5 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 49.81 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX003495.D

Acq: 20 Jul 2018 05:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

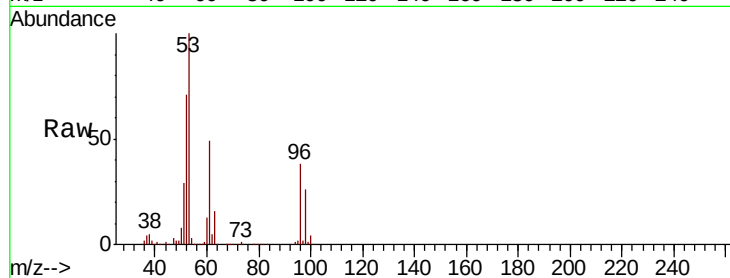
Tot Ion: 96 Resp: 177078

Ion Ratio Lower Upper

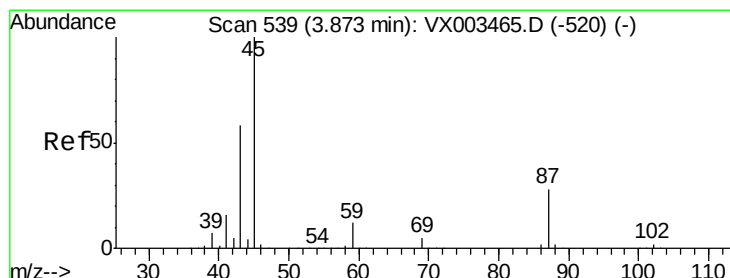
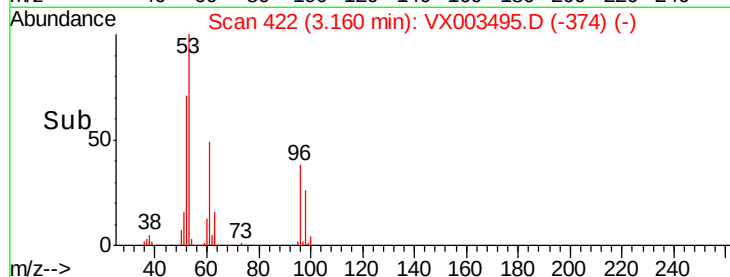
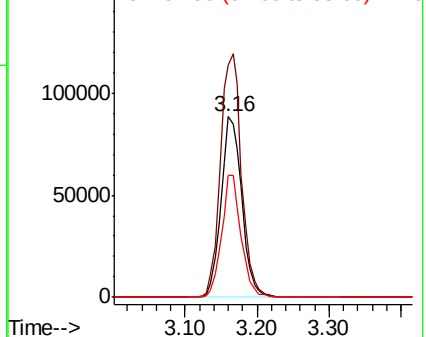
96 100

61 128.2 117.0 175.4

98 67.6 52.4 78.6



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



#22

Diisopropyl ether

Concen: 53.65 ug/l

RT: 3.87 min Scan# 539

Delta R.T. 0.00 min

Lab File: VX003495.D

Acq: 20 Jul 2018 05:51

Tgt Ion: 45 Resp: 571088

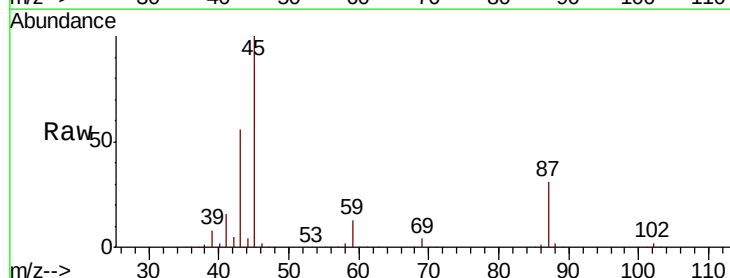
Ion Ratio Lower Upper

45 100

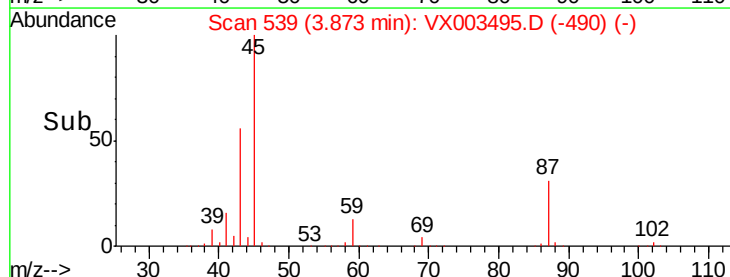
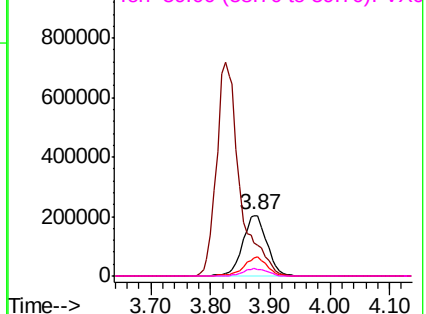
43 55.8 46.8 70.2

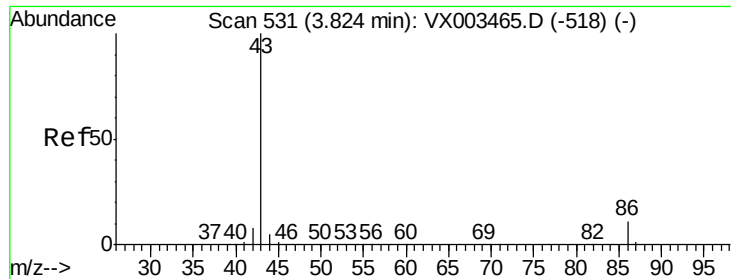
87 30.5 20.2 30.4#

59 13.3 8.7 13.1#



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: 223.14 ug/l

RT: 3.82 min Scan# 531

Delta R.T. 0.00 min

Lab File: VX003495.D

Acq: 20 Jul 2018 05:51

Instrument :

MSVOA_X

ClientSampleId :

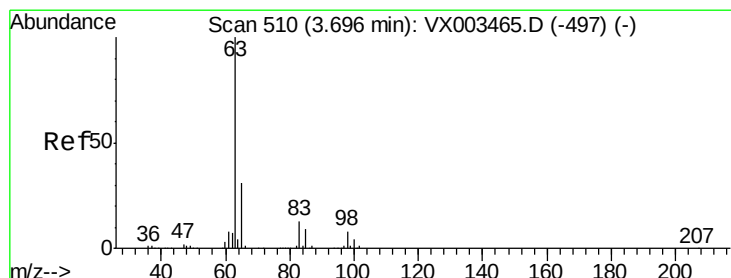
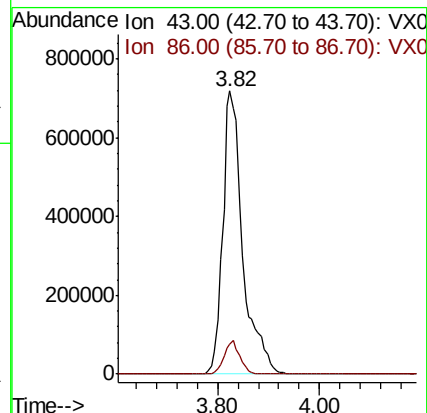
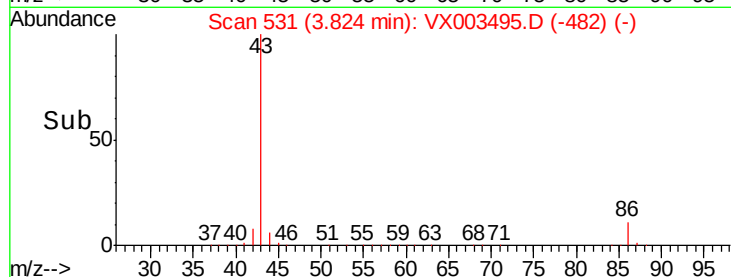
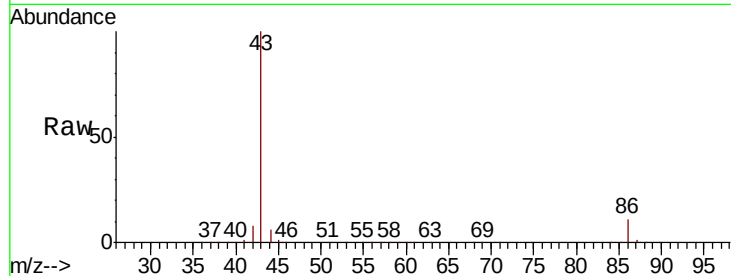
VSTDCCC050EC

Tot Ion: 43 Resp: 1956472

Ion Ratio Lower Upper

43 100

86 10.8 7.4 11.0



#24

1,1-Dichloroethane

Concen: 53.41 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003495.D

Acq: 20 Jul 2018 05:51

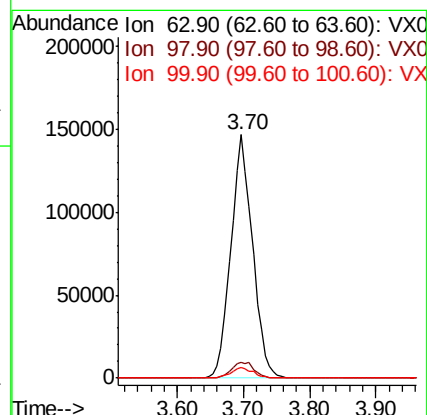
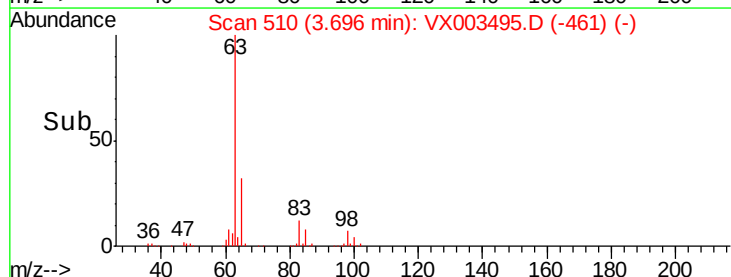
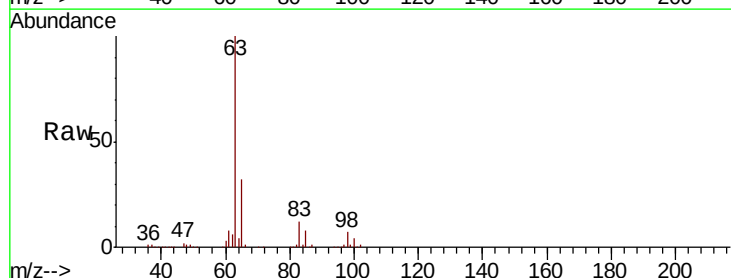
Tgt Ion: 63 Resp: 333542

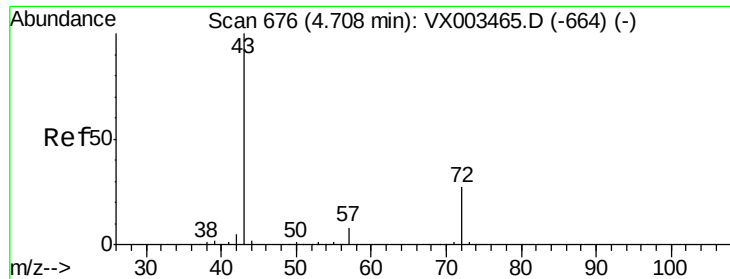
Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.2

100 4.2 2.0 6.0





#25

2-Butanone

Concen: 282.85 ug/l

RT: 4.70 min Scan# 675

Delta R.T. -0.01 min

Lab File: VX003495.D

Acq: 20 Jul 2018 05:51

Instrument :

MSVOA_X

ClientSampleId :

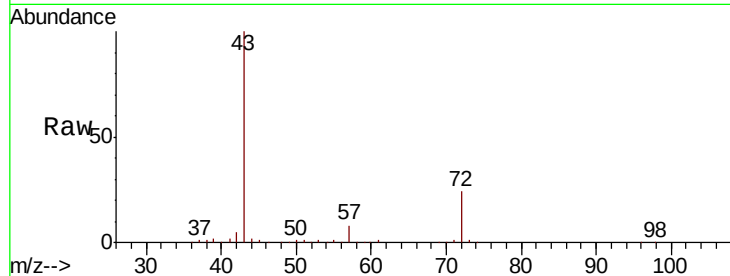
VSTDCCC050EC

Tot Ion: 43 Resp: 663865

Ion Ratio Lower Upper

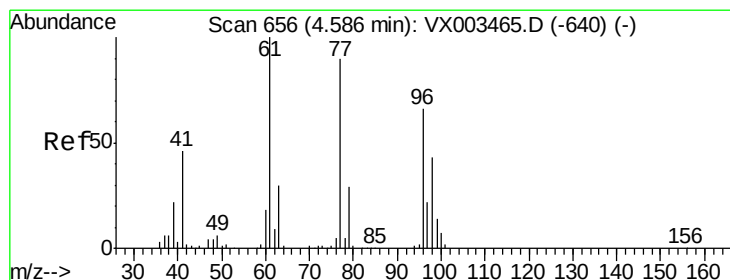
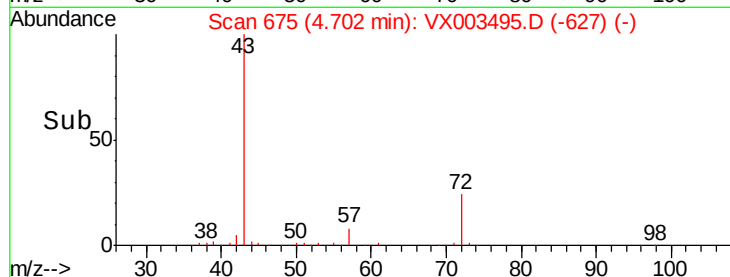
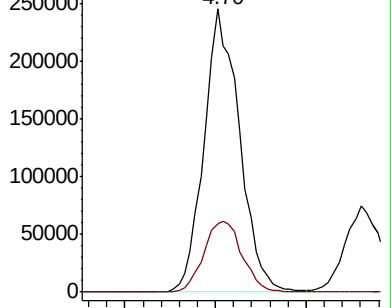
43 100

72 24.0 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 36.76 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX003495.D

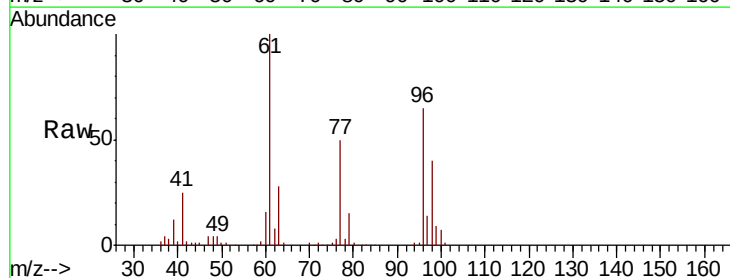
Acq: 20 Jul 2018 05:51

Tgt Ion: 77 Resp: 174379

Ion Ratio Lower Upper

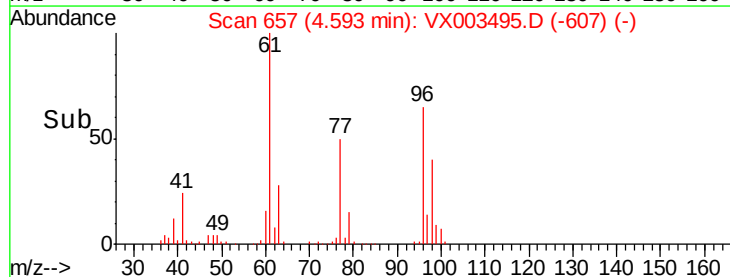
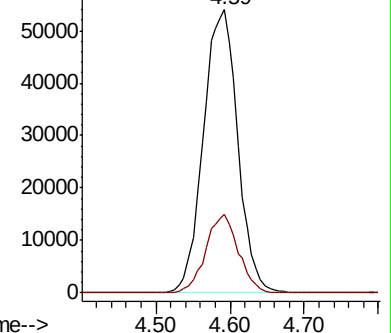
77 100

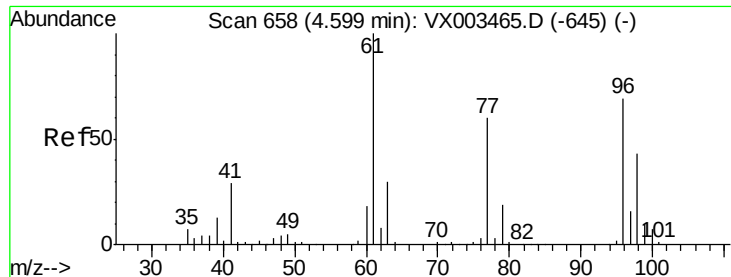
97 26.5 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 52.59 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.00 min

Lab File: VX003495.D

Acq: 20 Jul 2018 05:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

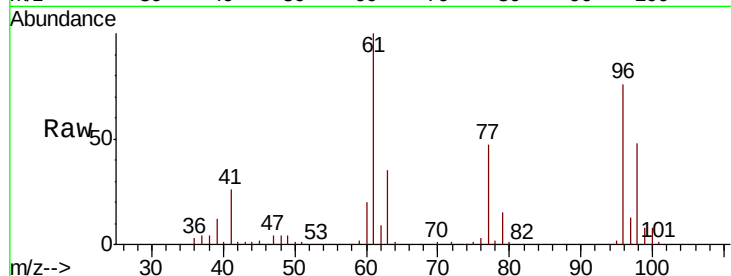
Tot Ion: 96 Resp: 208208

Ion Ratio Lower Upper

96 100

61 154.2 0.0 330.2

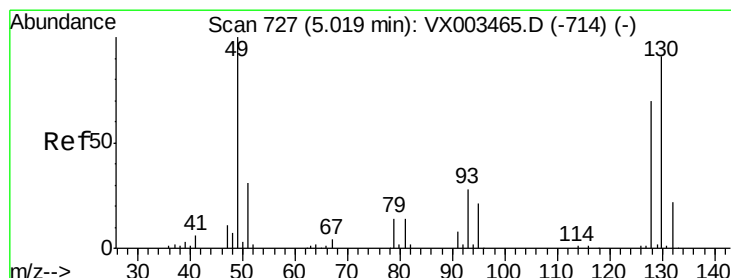
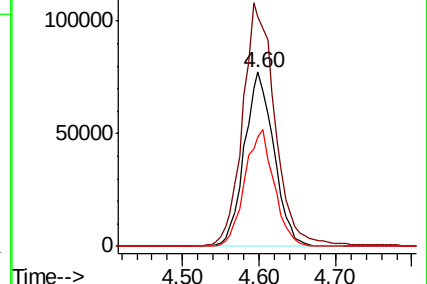
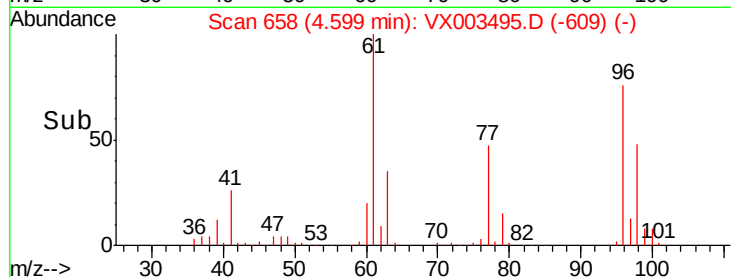
98 66.3 0.0 130.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 55.90 ug/l

RT: 5.02 min Scan# 727

Delta R.T. 0.00 min

Lab File: VX003495.D

Acq: 20 Jul 2018 05:51

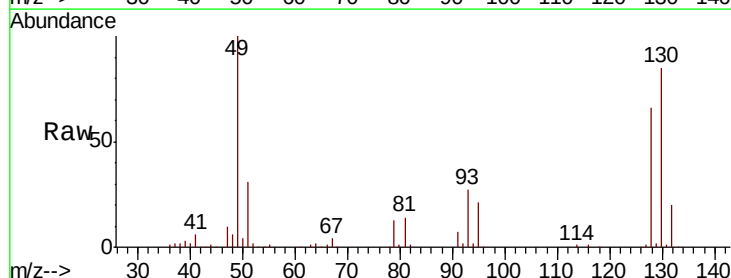
Tgt Ion: 49 Resp: 152596

Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.2

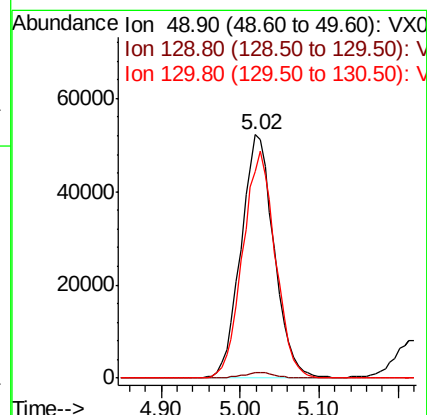
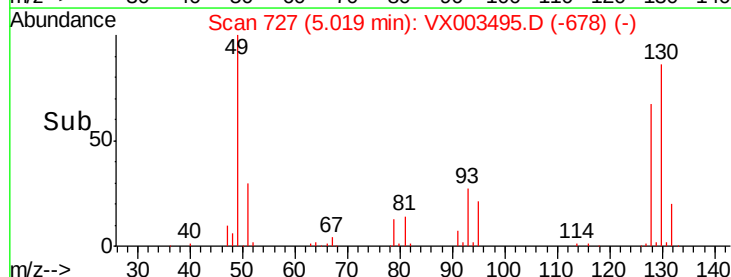
130 91.7 61.2 91.8

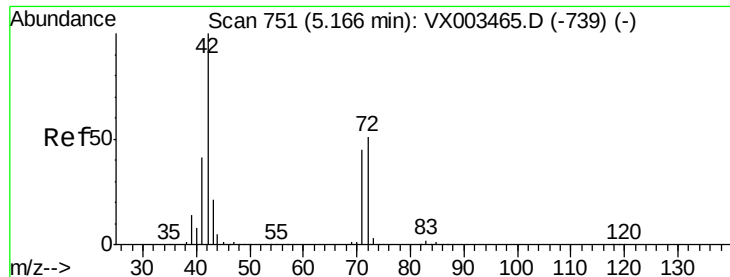


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 276.95 ug/l

RT: 5.16 min Scan# 750

Delta R.T. -0.01 min

Lab File: VX003495.D

Acq: 20 Jul 2018 05:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

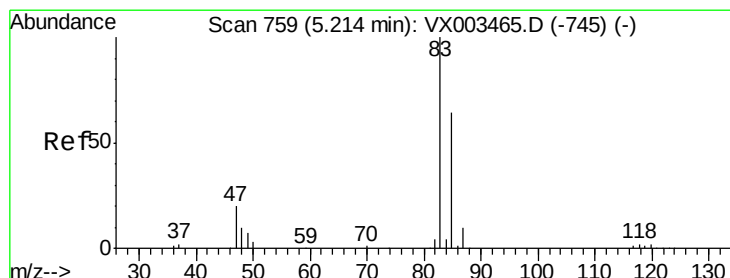
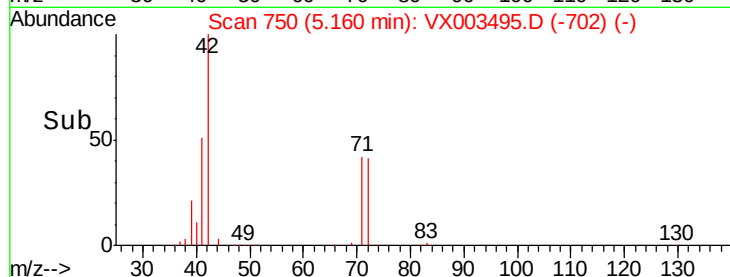
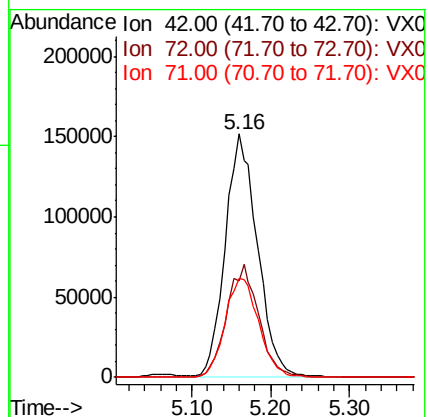
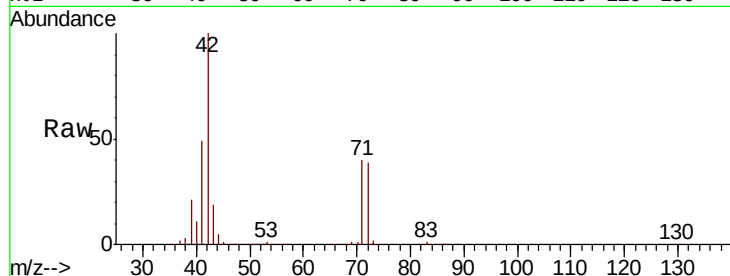
Tot Ion: 42 Resp: 429392

Ion Ratio Lower Upper

42 100

72 46.6 32.0 48.0

71 43.2 30.1 45.1



#30

Chloroform

Concen: 55.37 ug/l

RT: 5.23 min Scan# 761

Delta R.T. 0.01 min

Lab File: VX003495.D

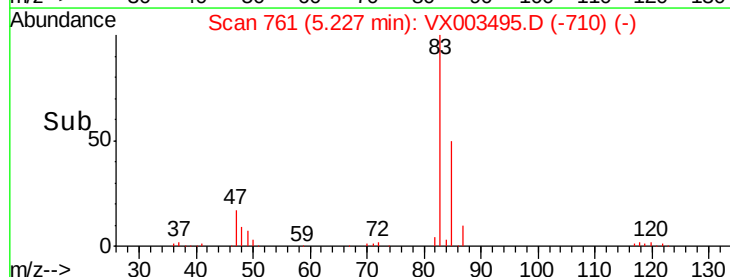
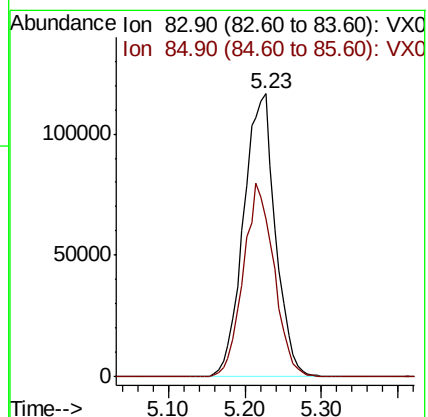
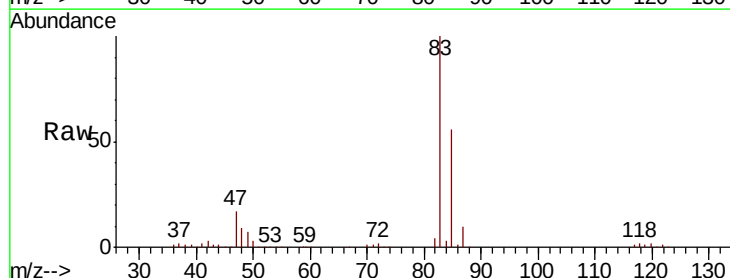
Acq: 20 Jul 2018 05:51

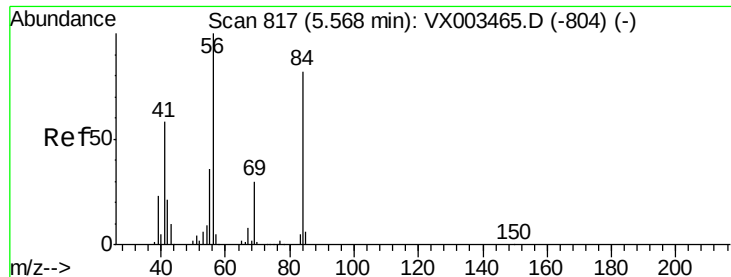
Tgt Ion: 83 Resp: 337656

Ion Ratio Lower Upper

83 100

85 55.7 50.4 75.6

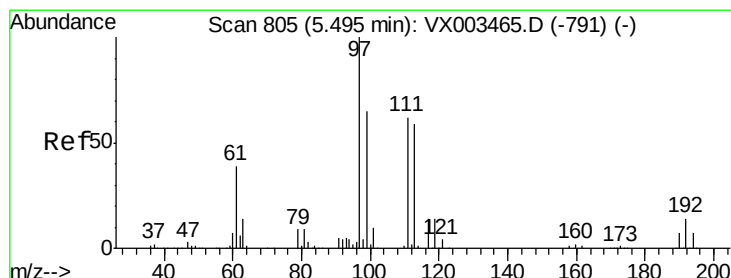
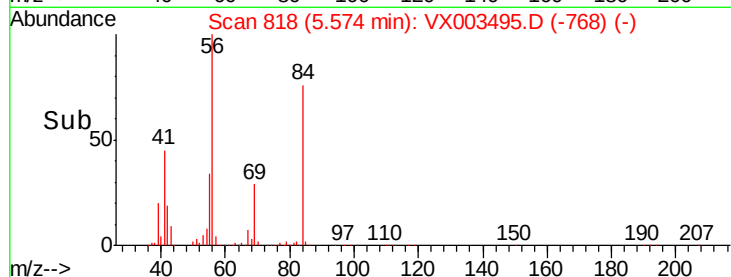
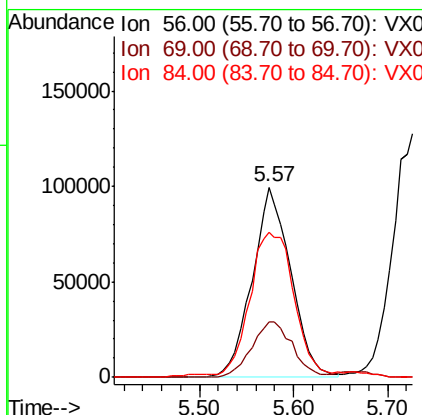
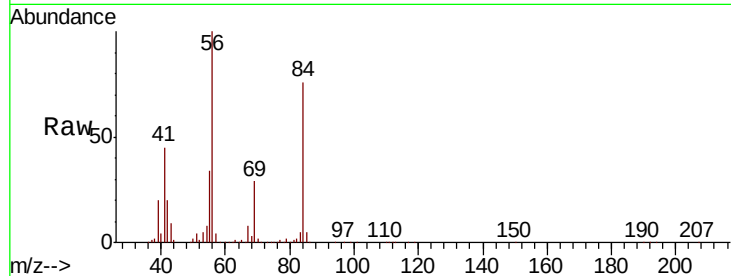




#31
Cyclohexane
Concen: 51.08 ug/l
RT: 5.57 min Scan# 818
Delta R.T. 0.01 min
Lab File: VX003495.D
Acq: 20 Jul 2018 05:51

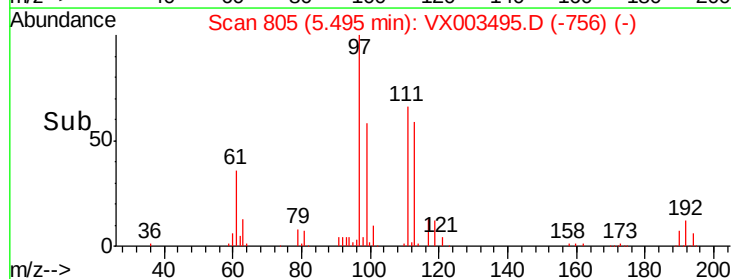
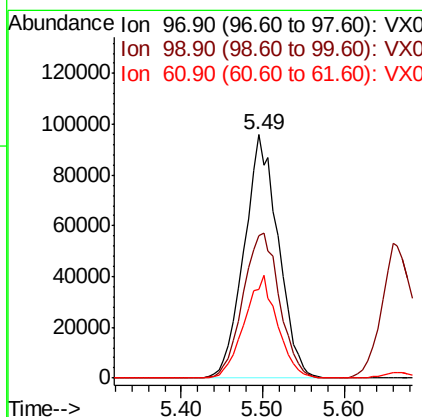
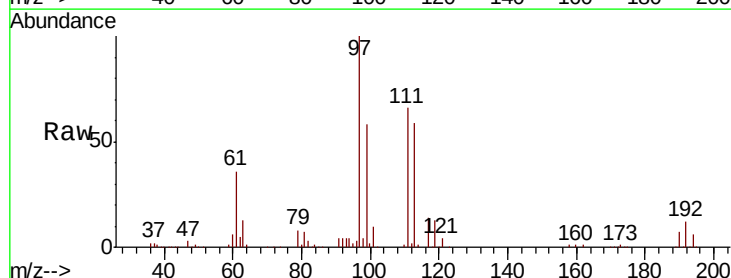
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

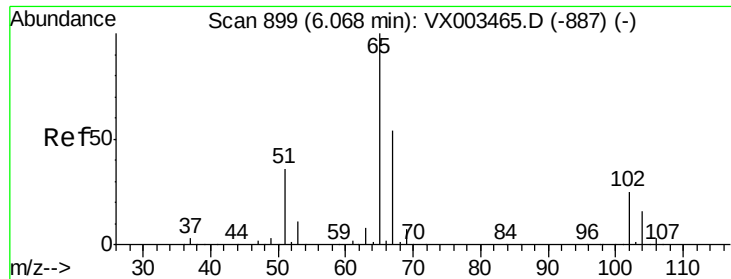
Tot Ion: 56 Resp: 285011
Ion Ratio Lower Upper
56 100
69 28.9 23.7 35.5
84 74.8 64.1 96.1



#32
1,1,1-Trichloroethane
Concen: 53.58 ug/l
RT: 5.49 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX003495.D
Acq: 20 Jul 2018 05:51

Tgt Ion: 97 Resp: 279782
Ion Ratio Lower Upper
97 100
99 63.6 51.6 77.4
61 40.9 36.4 54.6

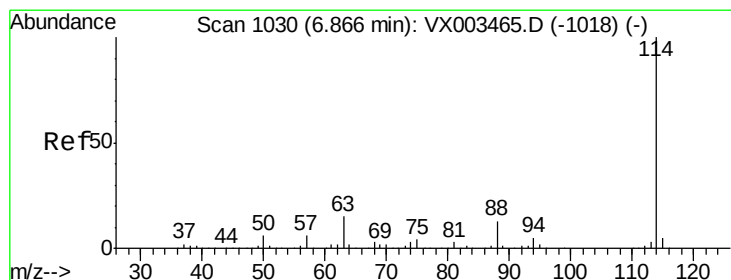
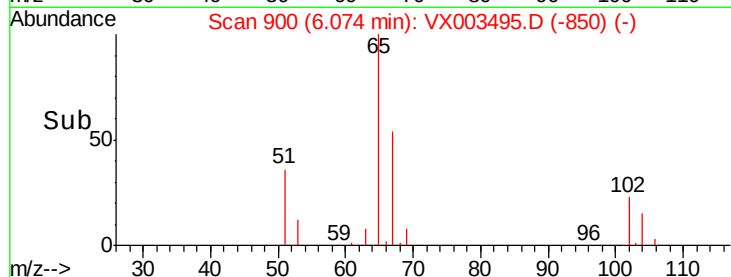
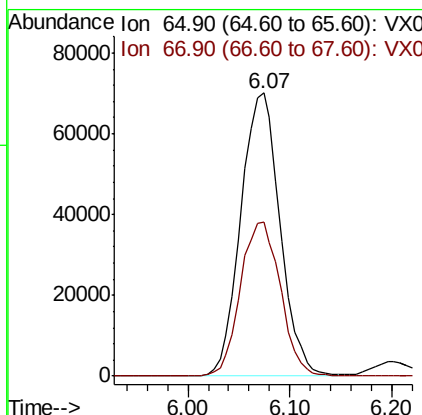
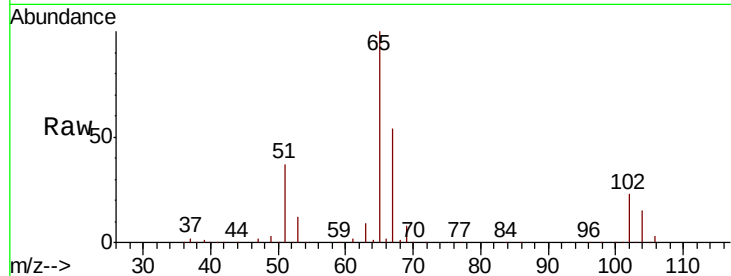




#33
 1,2-Dichloroethane-d4
 Concen: 50.65 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX003495.D
 Acq: 20 Jul 2018 05:51

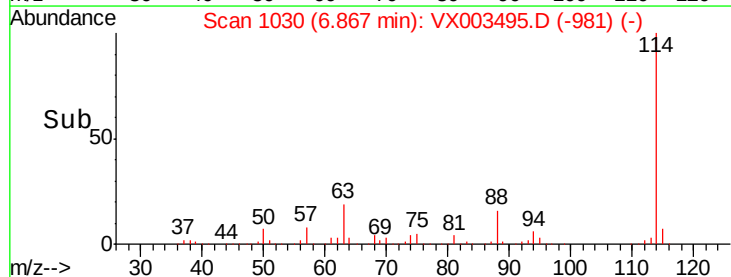
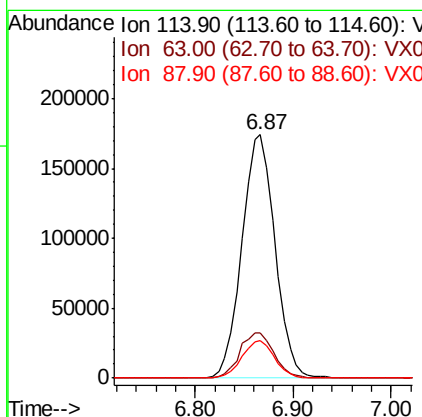
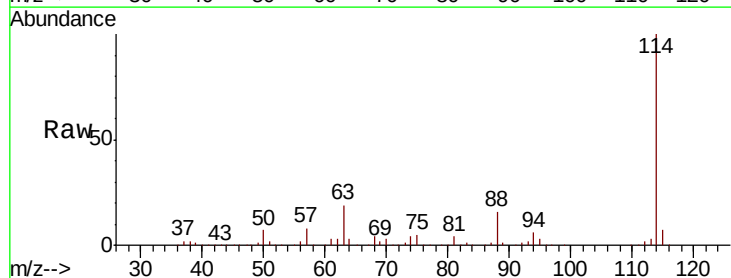
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

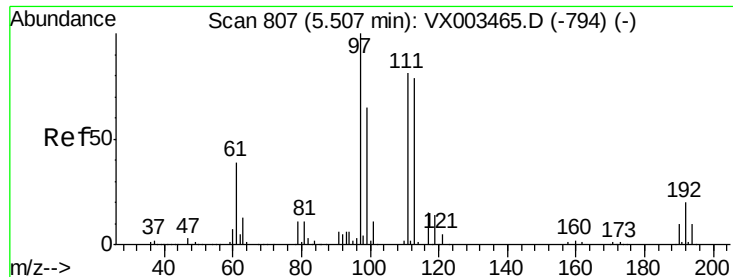
Tot Ion: 65 Resp: 187587
 Ion Ratio Lower Upper
 65 100
 67 55.4 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003495.D
 Acq: 20 Jul 2018 05:51

Tgt Ion: 114 Resp: 409324
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 41.4
 88 15.6 0.0 30.0

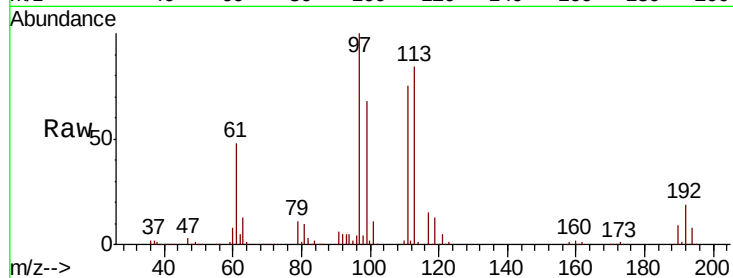




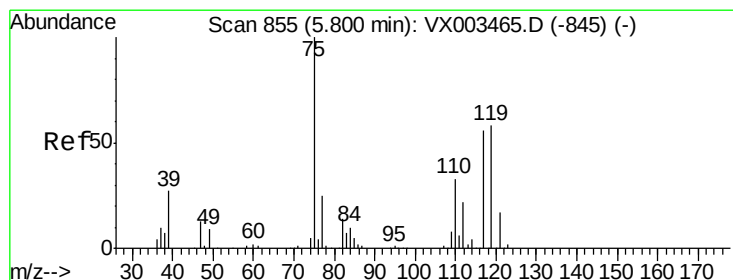
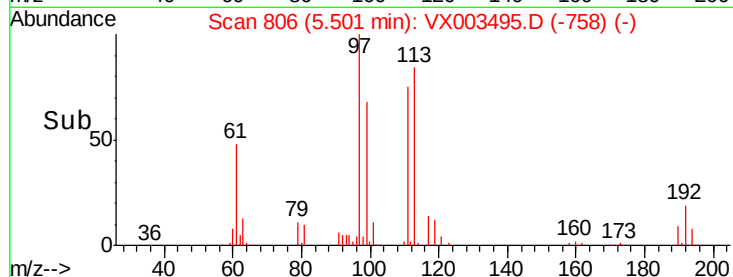
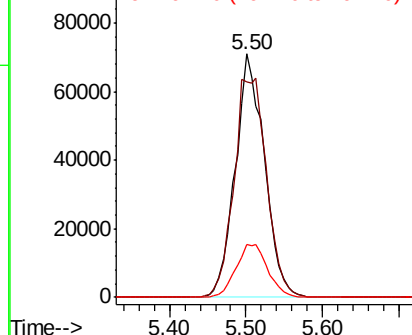
#35
 Dibromofluoromethane
 Concen: 60.13 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: VX003495.D
 Acq: 20 Jul 2018 05:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:113 Resp: 187480
 Ion Ratio Lower Upper
 113 100
 111 101.0 81.4 122.0
 192 23.7 19.1 28.7

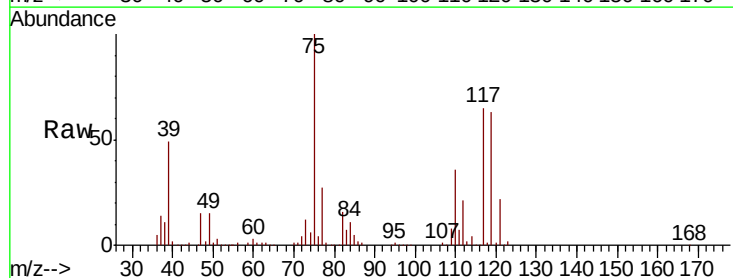


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

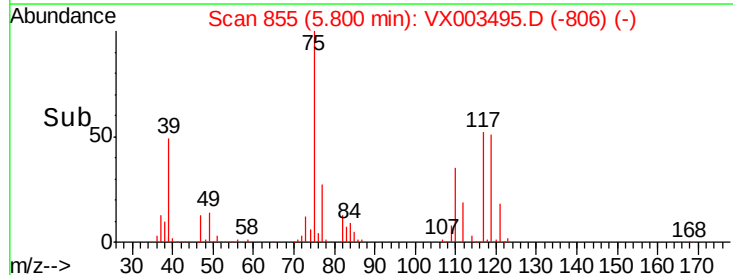
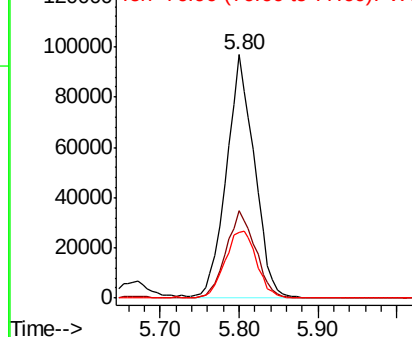


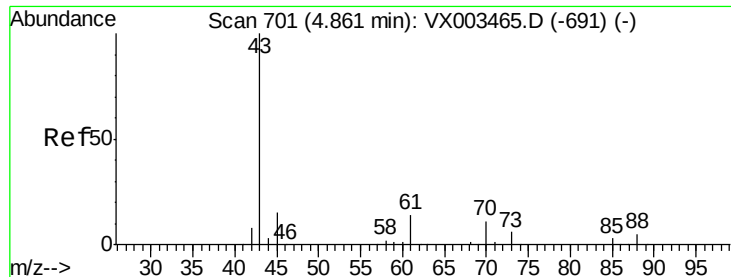
#36
 1,1-Dichloropropene
 Concen: 53.81 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. 0.00 min
 Lab File: VX003495.D
 Acq: 20 Jul 2018 05:51

Tgt Ion: 75 Resp: 237797
 Ion Ratio Lower Upper
 75 100
 110 37.7 18.1 54.4
 77 31.4 24.3 36.5



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

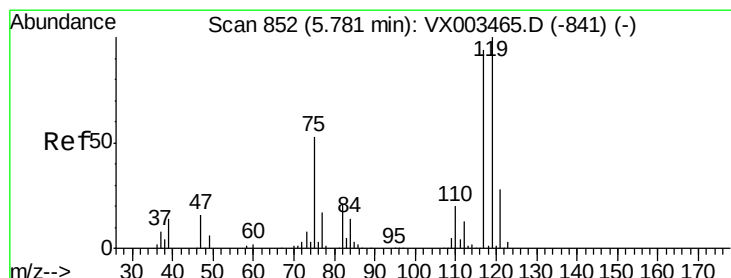
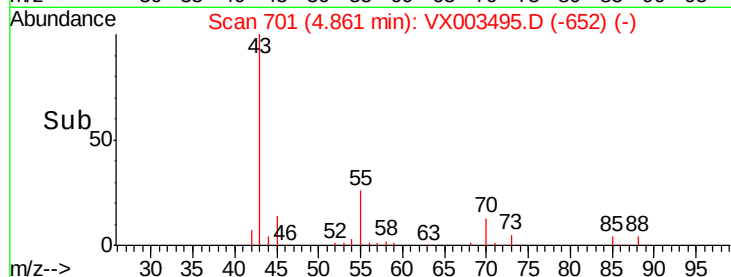
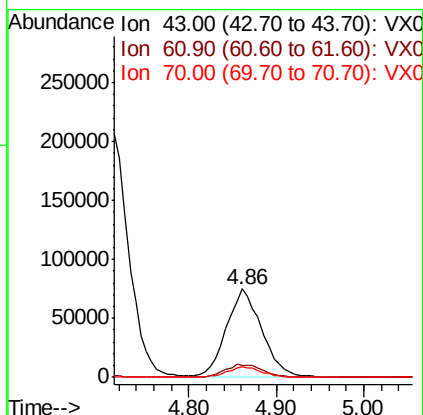
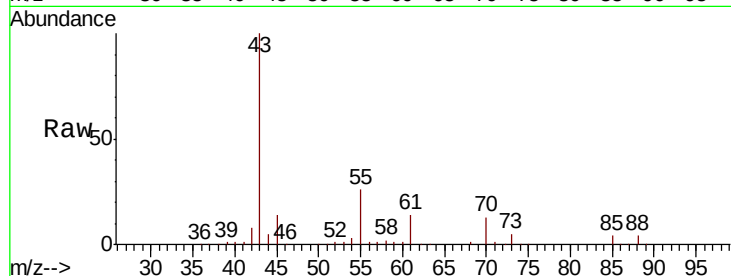




#37
Ethyl Acetate
Concen: 49.96 ug/l
RT: 4.86 min Scan# 701
Delta R.T. 0.00 min
Lab File: VX003495.D
Acq: 20 Jul 2018 05:51

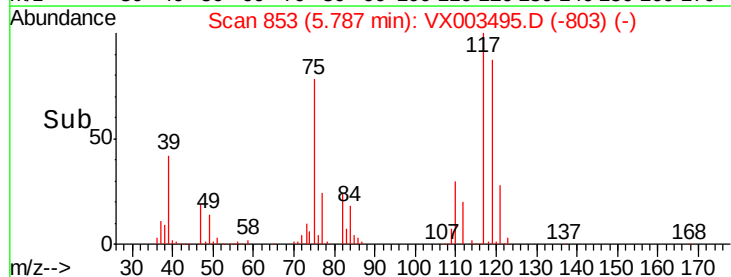
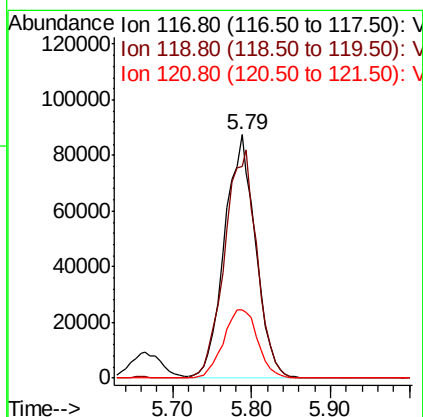
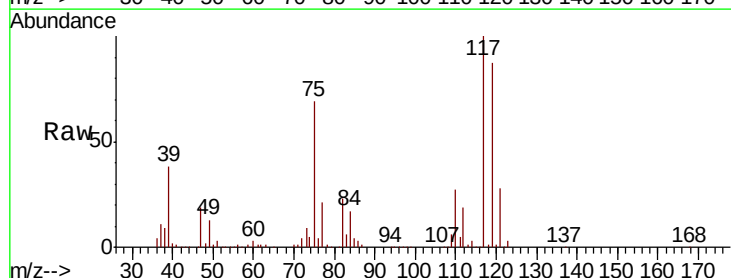
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

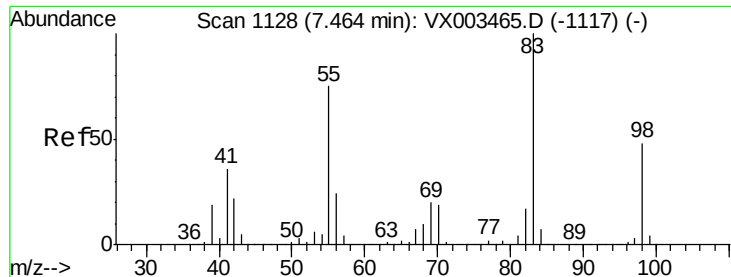
Tot Ion: 43 Resp: 208932
Ion Ratio Lower Upper
43 100
61 16.1 10.4 15.6#
70 11.8 7.6 11.4#



#38
Carbon Tetrachloride
Concen: 55.33 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.01 min
Lab File: VX003495.D
Acq: 20 Jul 2018 05:51

Tgt Ion: 117 Resp: 239847
Ion Ratio Lower Upper
117 100
119 87.1 77.4 116.0
121 27.9 24.4 36.6

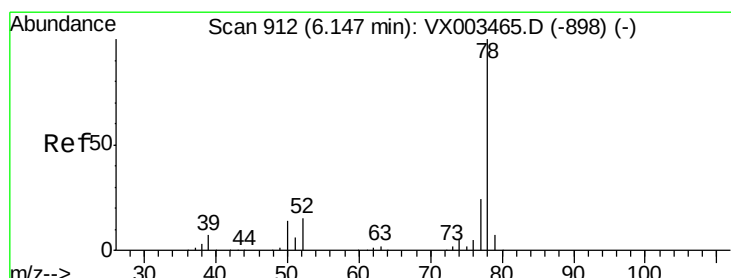
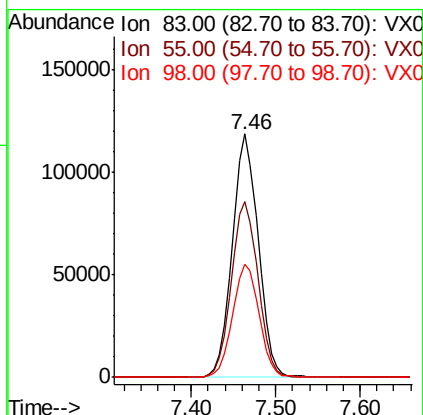
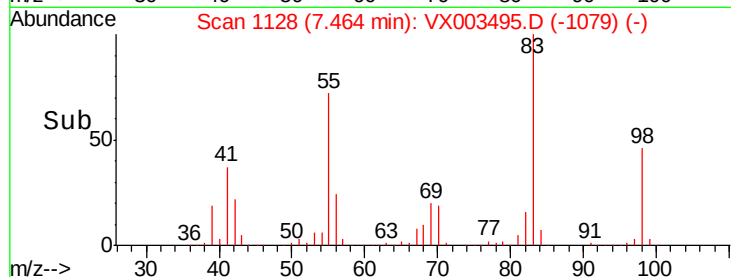
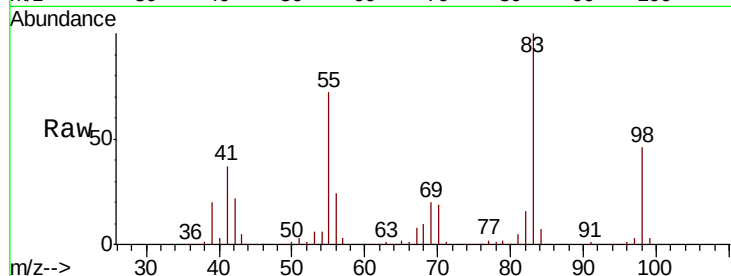




#39
Methylvlcyclohexane
Concen: 47.27 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003495.D
Acq: 20 Jul 2018 05:51

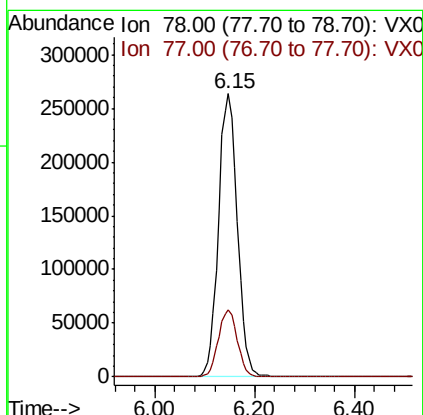
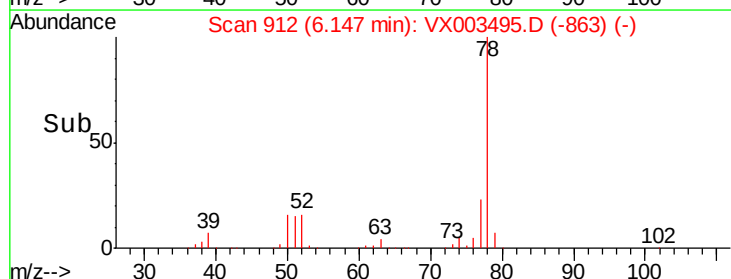
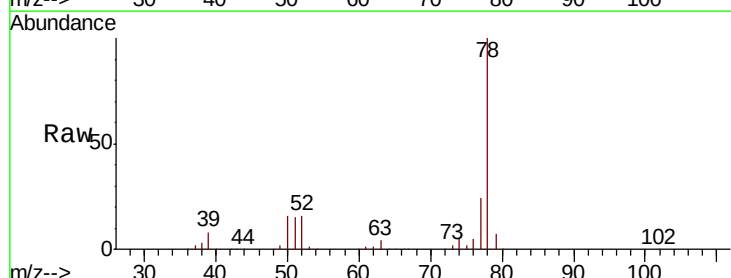
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

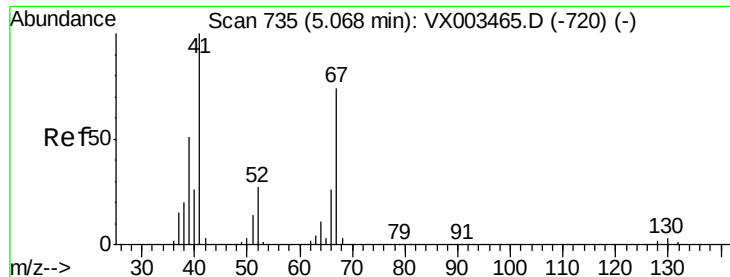
Tot Ion: 83 Resp: 247437
Ion Ratio Lower Upper
83 100
55 72.4 65.4 98.0
98 46.3 37.4 56.0



#40
Benzene
Concen: 51.95 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX003495.D
Acq: 20 Jul 2018 05:51

Tgt Ion: 78 Resp: 693117
Ion Ratio Lower Upper
78 100
77 23.8 19.1 28.7

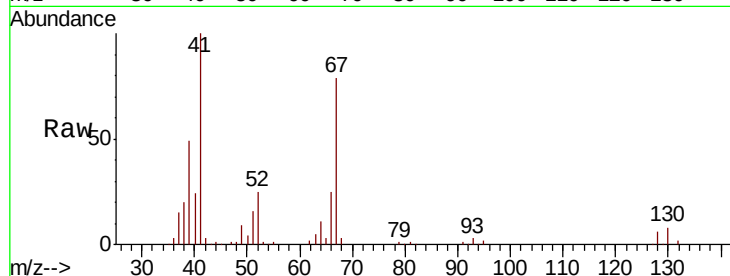




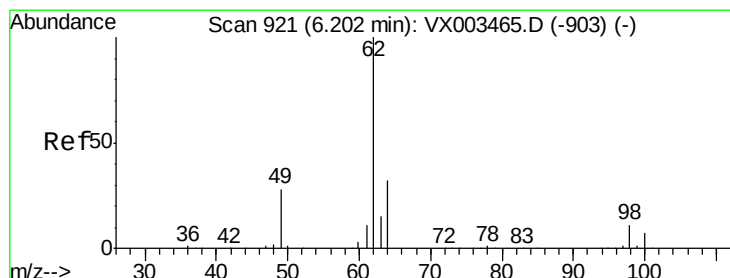
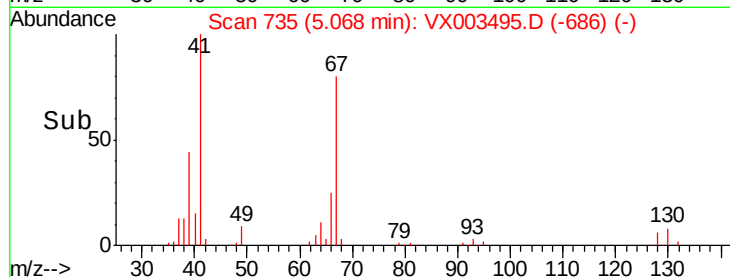
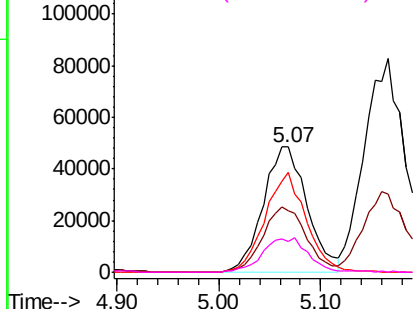
#41
Methacrylonitrile
Concen: 58.84 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX003495.D
Acq: 20 Jul 2018 05:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 41 Resp: 144613
Ion Ratio Lower Upper
41 100
39 51.4 45.8 68.6
67 74.8 51.3 76.9
52 28.4 23.0 34.6

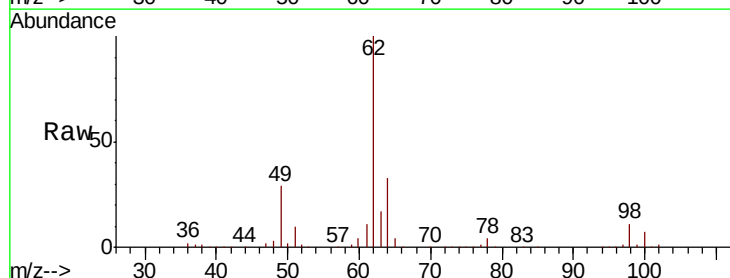


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

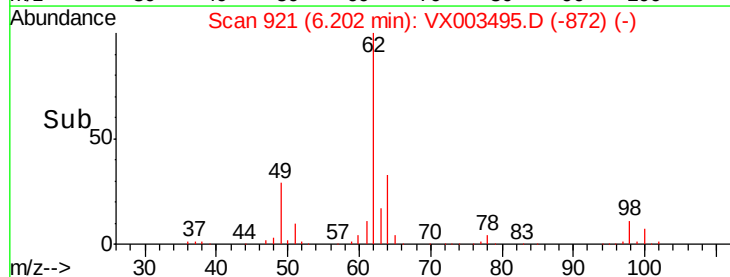
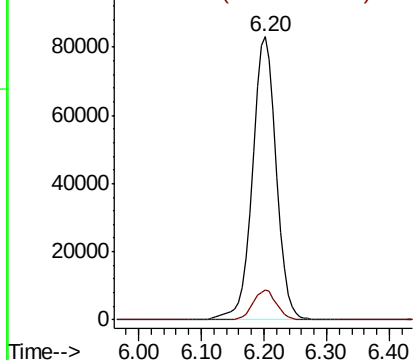


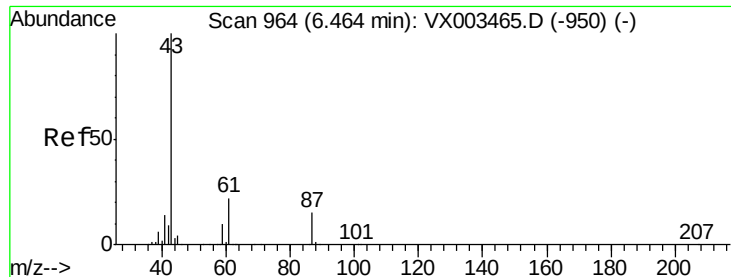
#42
1,2-Dichloroethane
Concen: 51.79 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003495.D
Acq: 20 Jul 2018 05:51

Tgt Ion: 62 Resp: 217720
Ion Ratio Lower Upper
62 100
98 10.5 0.0 16.6



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





#43

Isopropyl Acetate

Concen: 47.18 ug/l

RT: 6.46 min Scan# 964

Delta R.T. 0.00 min

Lab File: VX003495.D

Acq: 20 Jul 2018 05:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

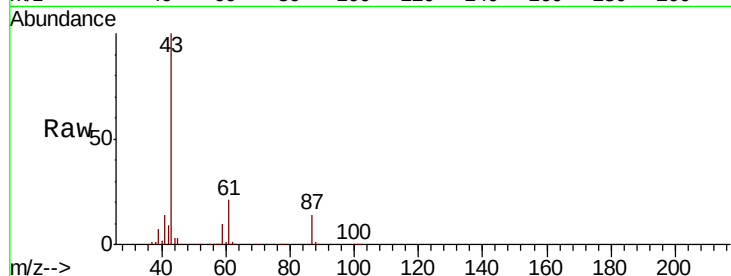
Tot Ion: 43 Resp: 313865

Ion Ratio Lower Upper

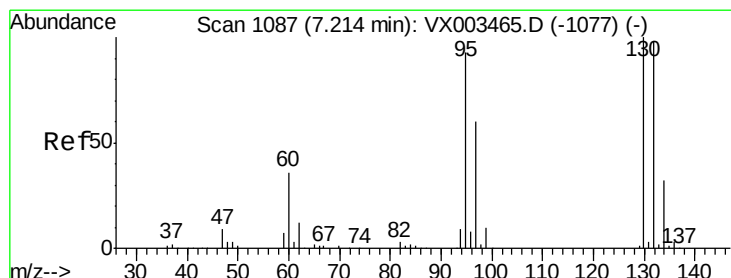
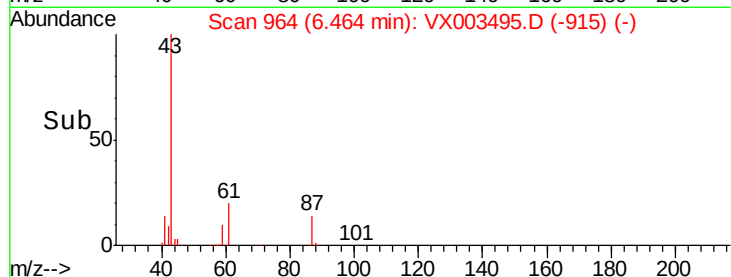
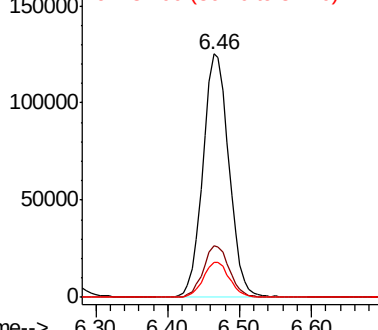
43 100

61 21.4 14.4 21.6

87 14.5 9.5 14.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 52.46 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX003495.D

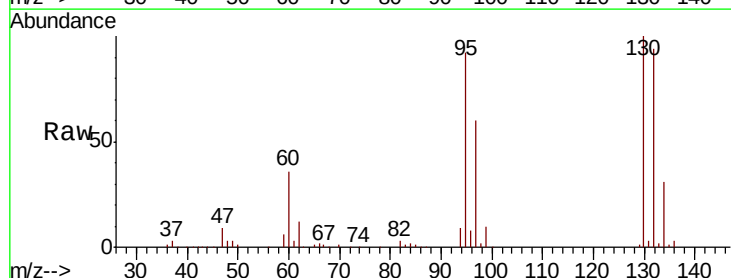
Acq: 20 Jul 2018 05:51

Tgt Ion:130 Resp: 208742

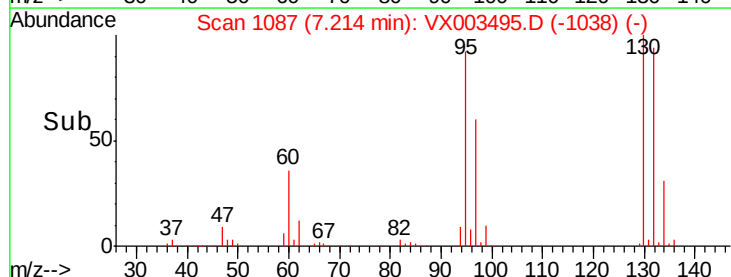
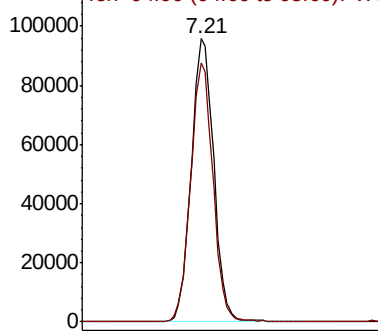
Ion Ratio Lower Upper

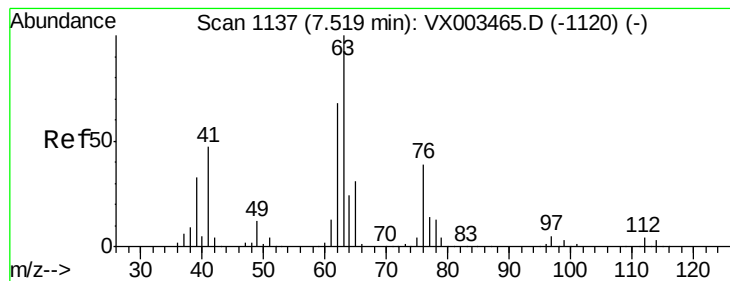
130 100

95 91.7 0.0 185.4



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





#45

1,2-Dichloropropane

Concen: 52.14 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX003495.D

Acq: 20 Jul 2018 05:51

Instrument :

MSVOA_X

ClientSampleId :

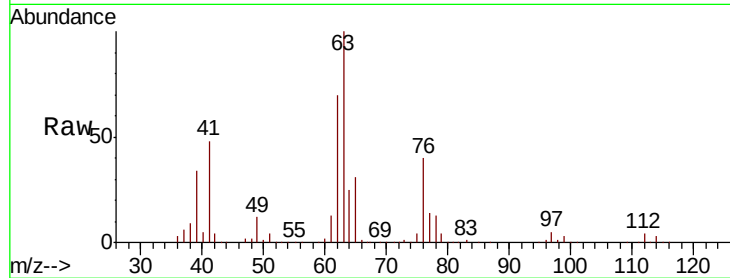
VSTDCCC050EC

Tot Ion: 63 Resp: 176670

Ion Ratio Lower Upper

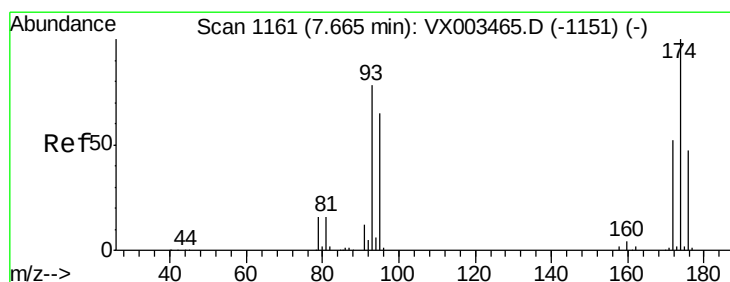
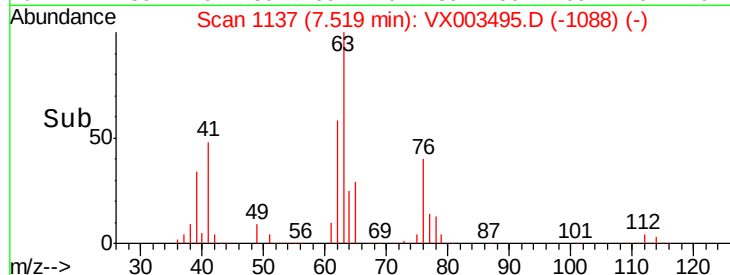
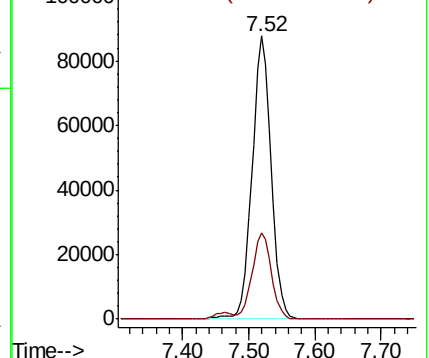
63 100

65 30.7 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 52.09 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX003495.D

Acq: 20 Jul 2018 05:51

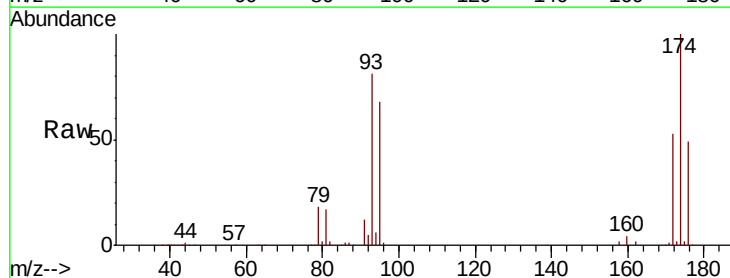
Tgt Ion: 93 Resp: 113617

Ion Ratio Lower Upper

93 100

95 85.2 65.9 98.9

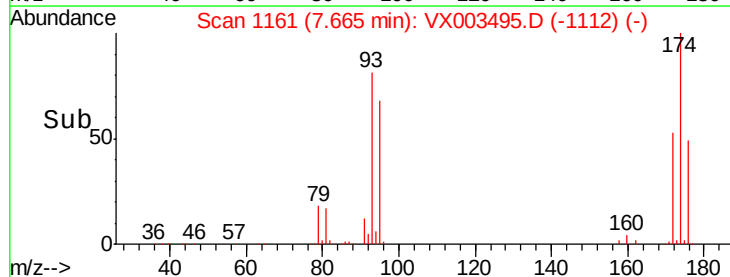
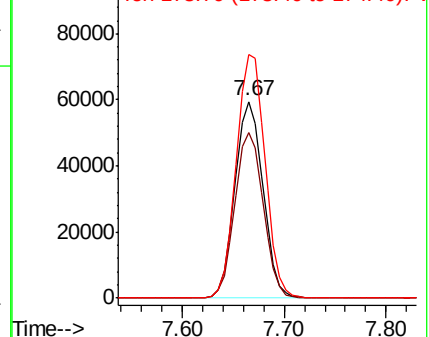
174 126.7 92.4 138.6

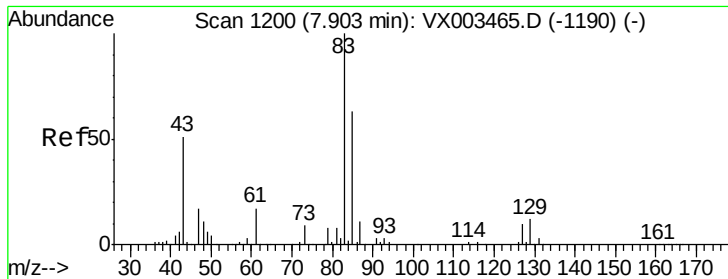


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 54.68 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003495.D

Acq: 20 Jul 2018 05:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

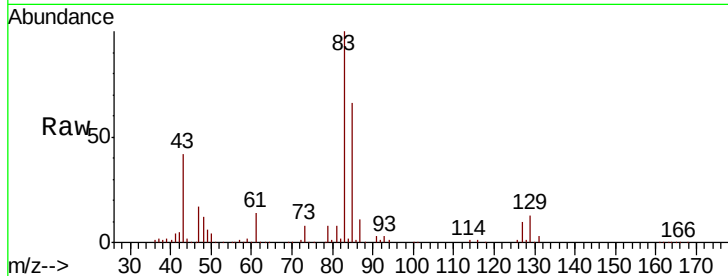
Tot Ion: 83 Resp: 218348

Ion Ratio Lower Upper

83 100

85 65.6 50.3 75.5

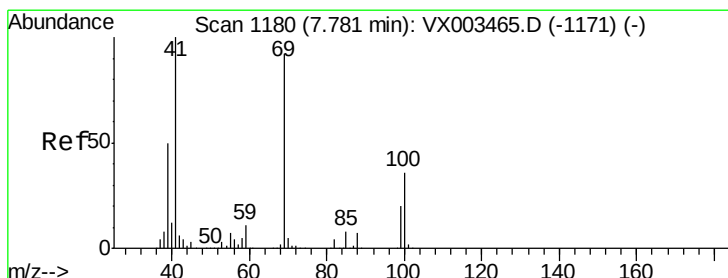
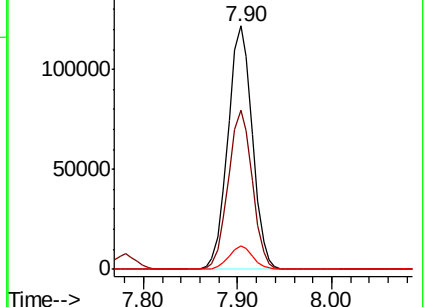
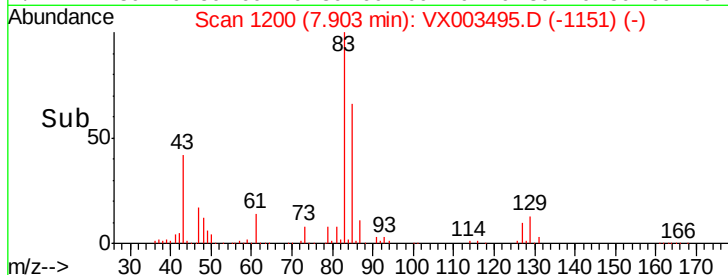
127 9.5 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 53.63 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX003495.D

Acq: 20 Jul 2018 05:51

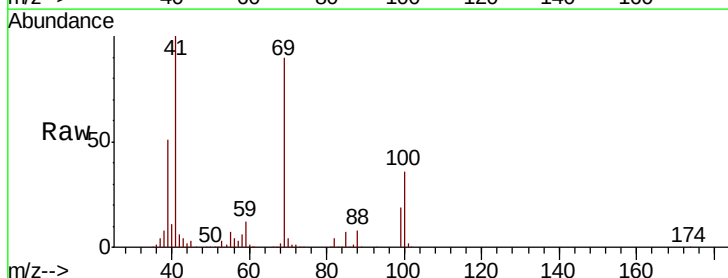
Tgt Ion: 41 Resp: 179905

Ion Ratio Lower Upper

41 100

69 89.6 59.1 88.7#

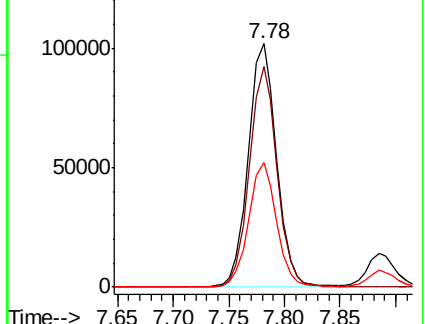
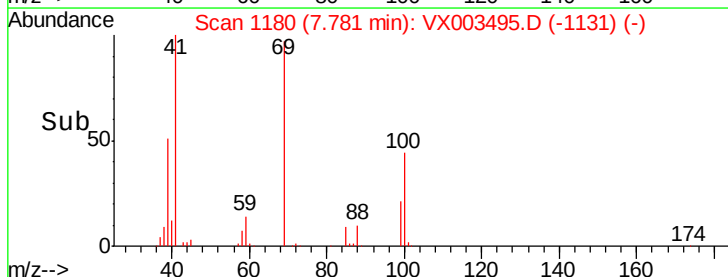
39 50.2 48.9 73.3

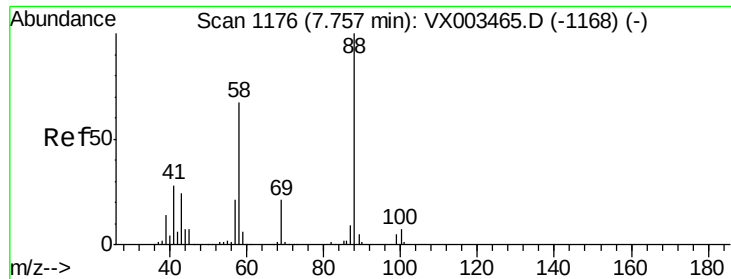


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

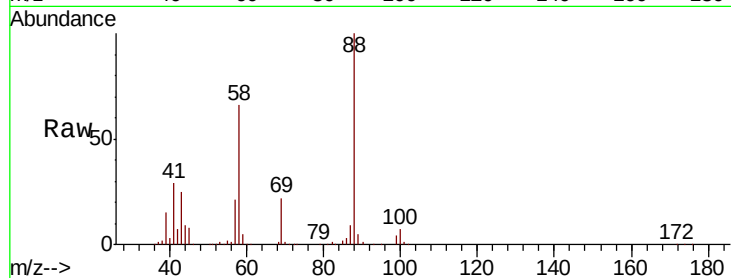




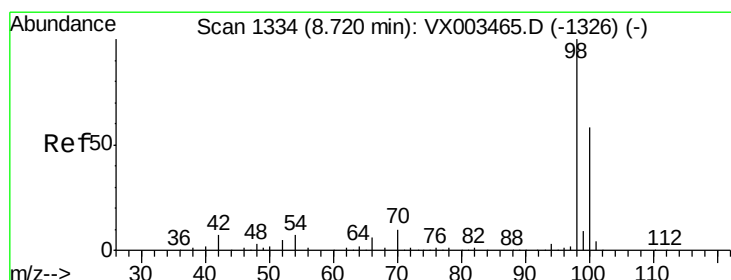
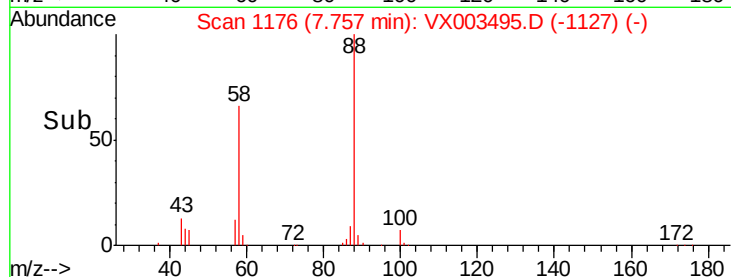
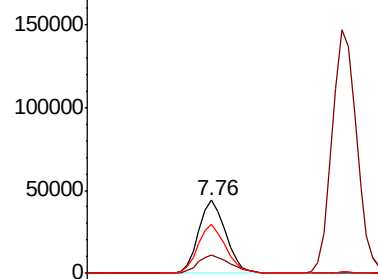
#49
1,4-Dioxane
Concen: 1070.32 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. 0.00 min
Lab File: VX003495.D
Acq: 20 Jul 2018 05:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 81356
Ion Ratio Lower Upper
88 100
43 29.2 29.8 44.6#
58 69.8 57.1 85.7

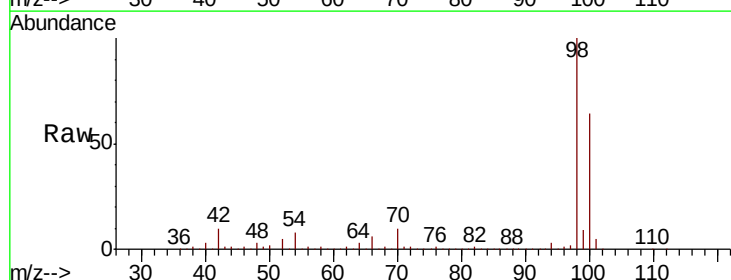


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

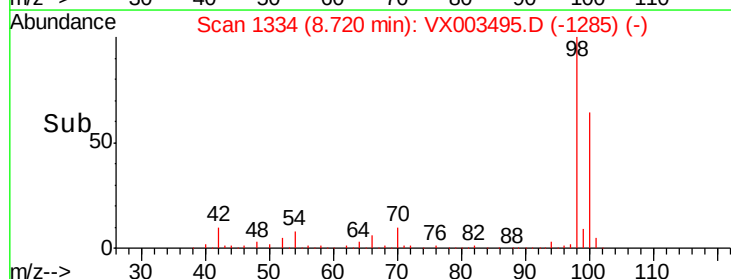
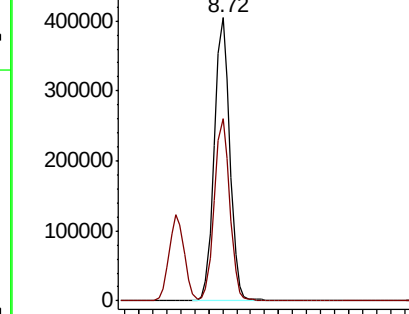


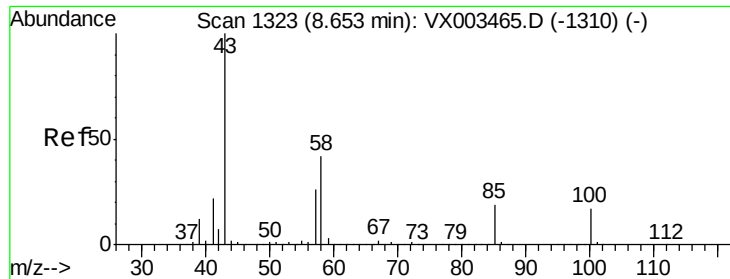
#50
Toluene-d8
Concen: 53.47 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003495.D
Acq: 20 Jul 2018 05:51

Tgt Ion: 98 Resp: 626545
Ion Ratio Lower Upper
98 100
100 64.6 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 280.44 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX003495.D

Acq: 20 Jul 2018 05:51

Instrument :

MSVOA_X

ClientSampleId :

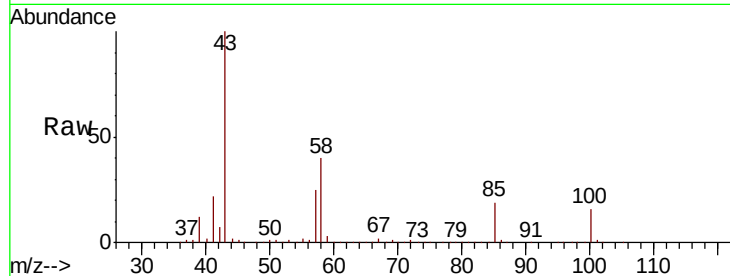
VSTDCCC050EC

Tot Ion: 43 Resp: 1178564

Ion Ratio Lower Upper

43 100

58 39.9 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

800000

600000

400000

200000

0

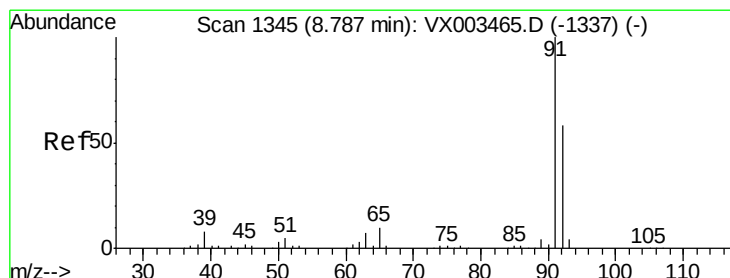
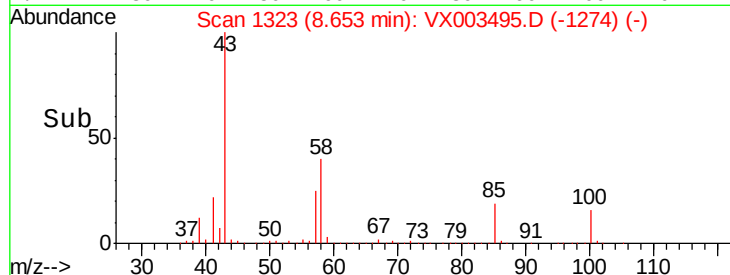
8.60

8.65

8.70

8.80

Time-->



#52

Toluene

Concen: 52.40 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003495.D

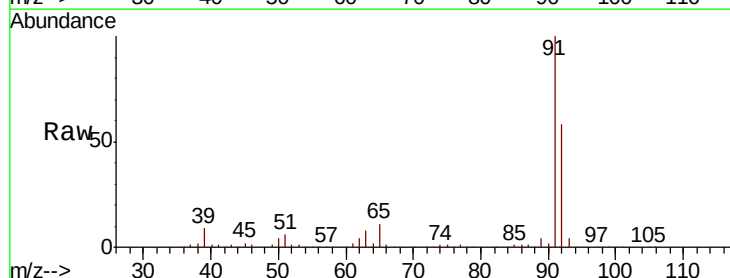
Acq: 20 Jul 2018 05:51

Tgt Ion: 92 Resp: 440101

Ion Ratio Lower Upper

92 100

91 172.8 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

600000

500000

400000

300000

200000

100000

0

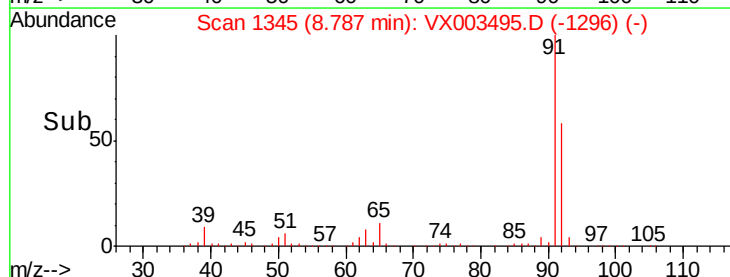
8.70

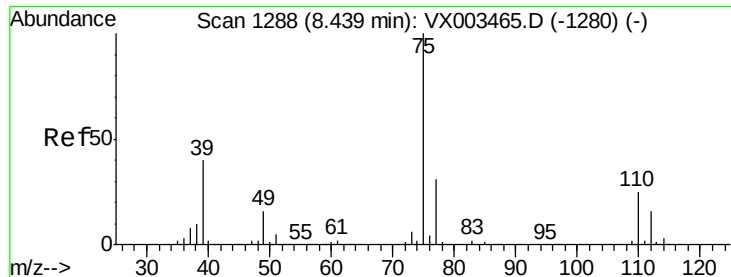
8.79

8.90

9.00

Time-->





#53

t-1,3-Dichloropropene

Concen: 51.16 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX003495.D

Acq: 20 Jul 2018 05:51

Instrument :

MSVOA_X

ClientSampleId :

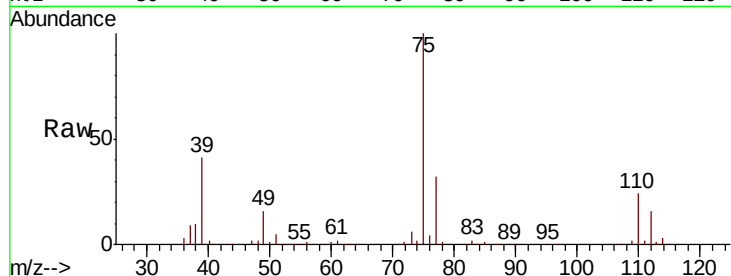
VSTDCCC050EC

Tot Ion: 75 Resp: 251450

Ion Ratio Lower Upper

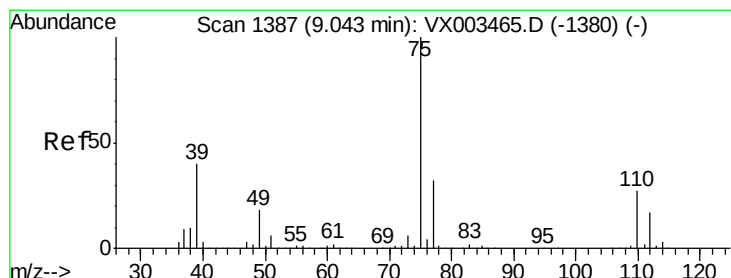
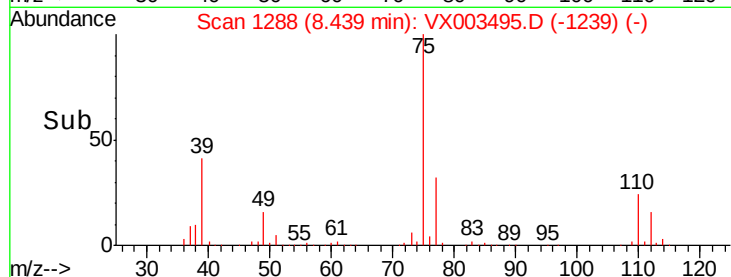
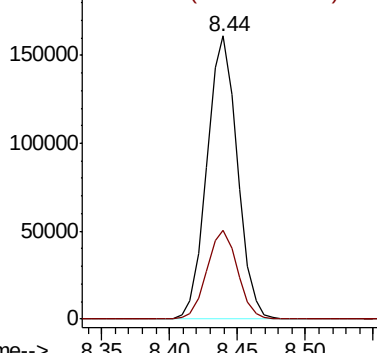
75 100

77 31.5 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 51.74 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VX003495.D

Acq: 20 Jul 2018 05:51

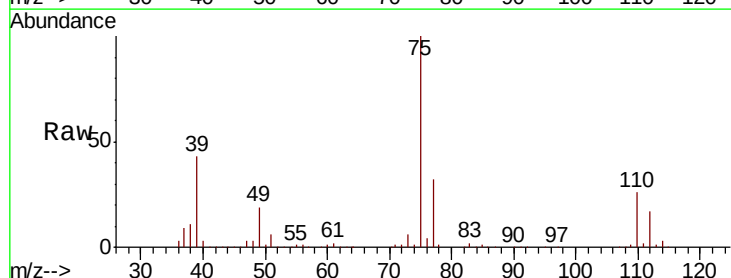
Tgt Ion: 75 Resp: 228681

Ion Ratio Lower Upper

75 100

77 32.0 24.8 37.2

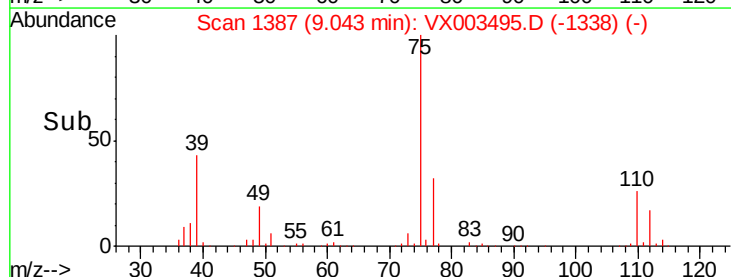
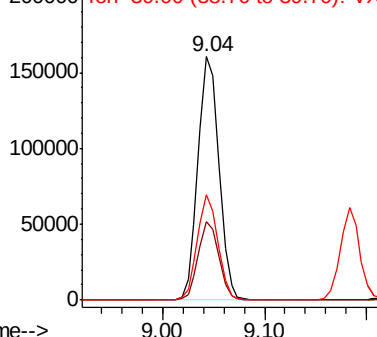
39 43.0 42.4 63.6

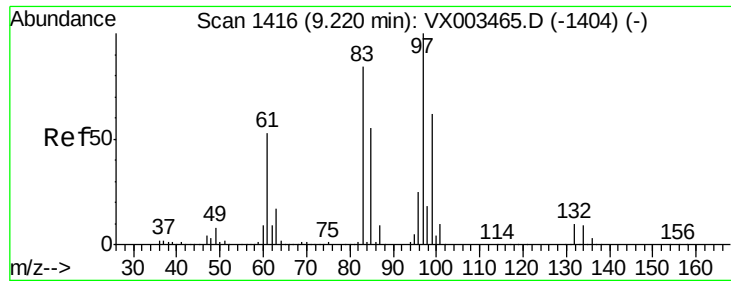


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

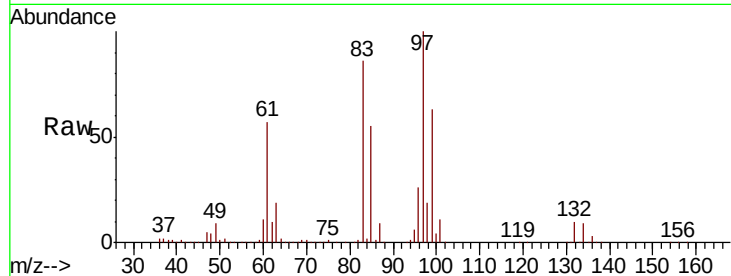




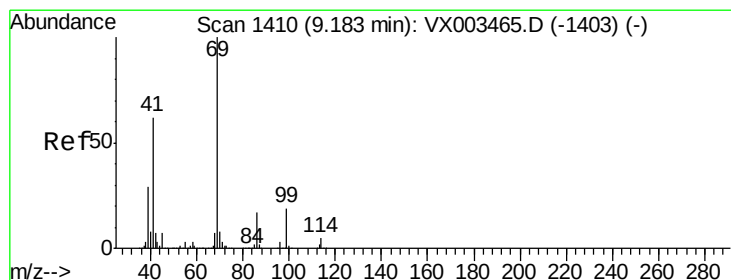
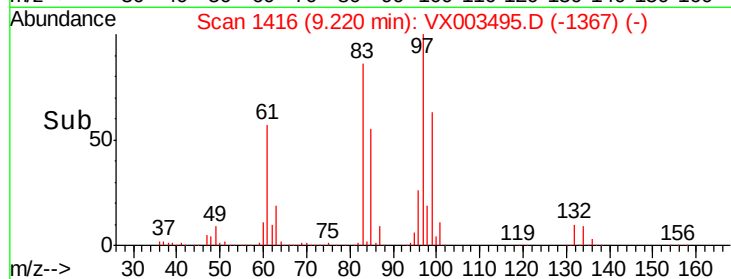
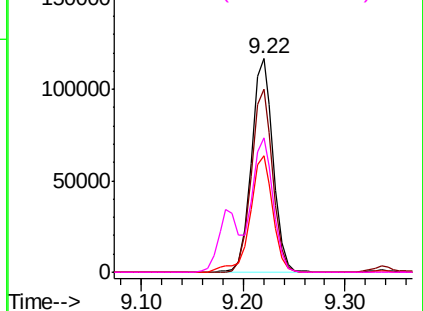
#55
 1,1,2-Trichloroethane
 Concen: 52.09 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003495.D
 Acq: 20 Jul 2018 05:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 97 Resp: 174073
 Ion Ratio Lower Upper
 97 100
 83 85.5 70.2 105.2
 85 54.7 44.9 67.3
 99 62.7 49.8 74.8

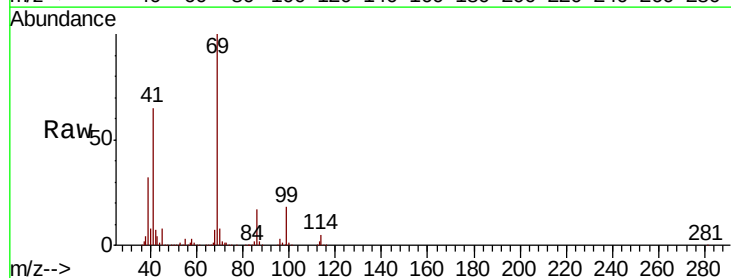


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

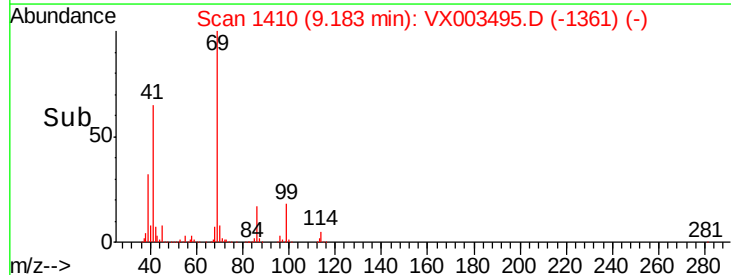
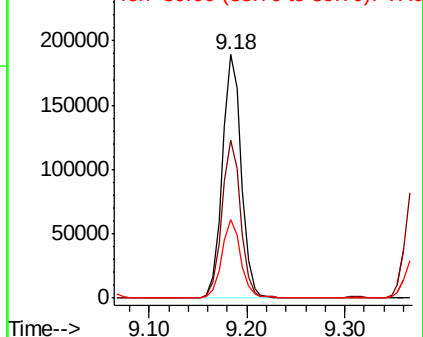


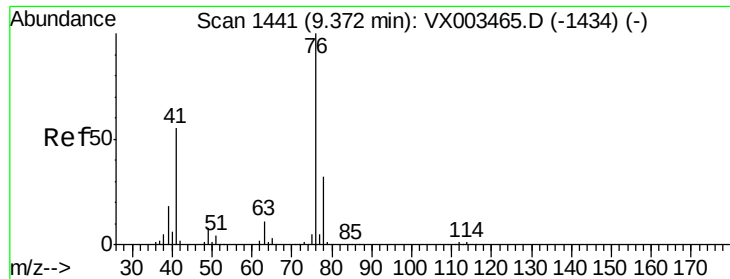
#56
 Ethyl methacrylate
 Concen: 53.90 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX003495.D
 Acq: 20 Jul 2018 05:51

Tgt Ion: 69 Resp: 253740
 Ion Ratio Lower Upper
 69 100
 41 64.4 60.3 90.5
 39 32.2 35.8 53.8#



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0

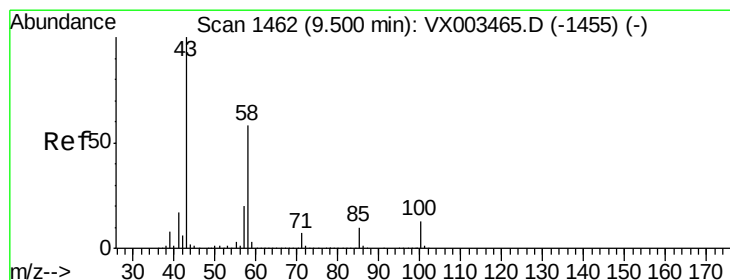
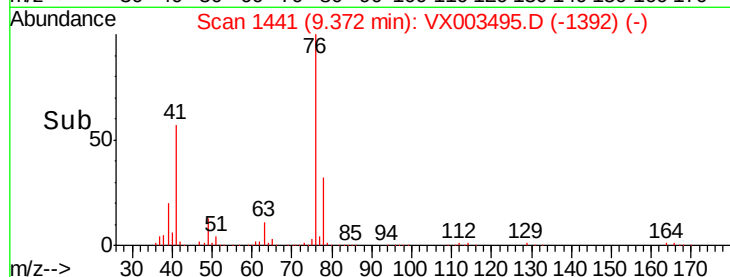
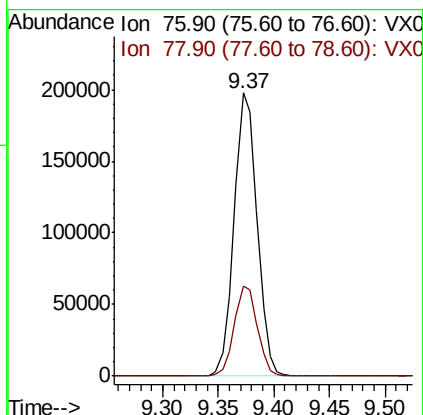
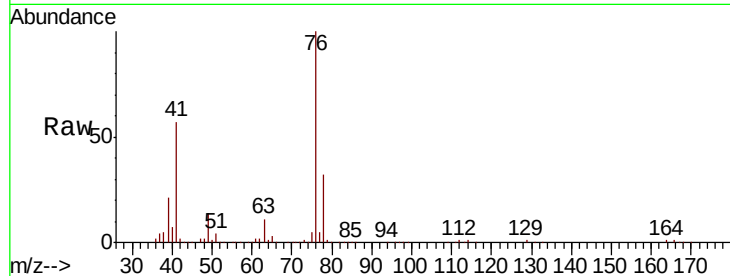




#57
 1,3-Dichloropropane
 Concen: 52.43 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. 0.00 min
 Lab File: VX003495.D
 Acq: 20 Jul 2018 05:51

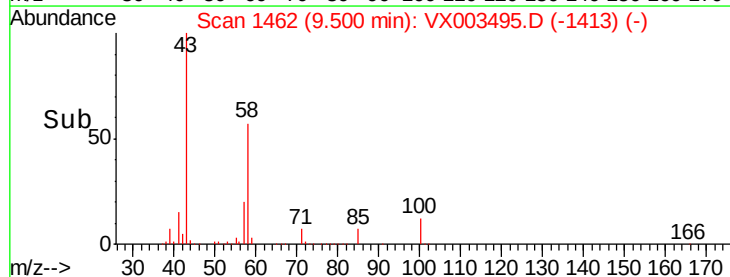
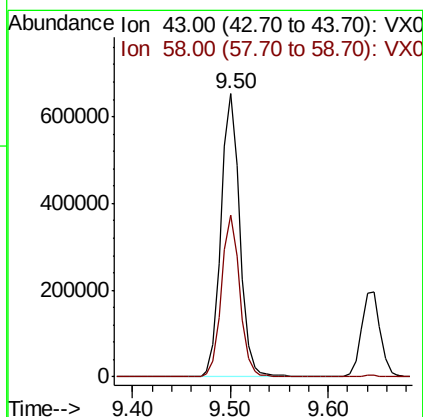
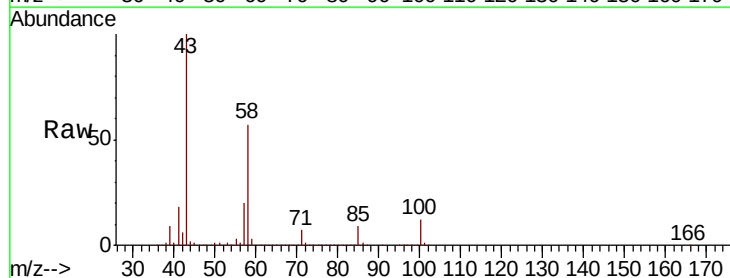
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

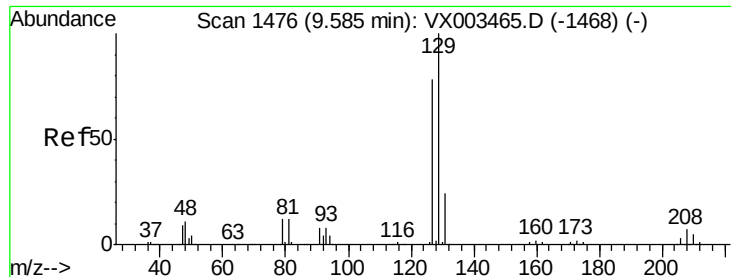
Tot Ion: 76 Resp: 283239
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.8 38.6



#59
 2-Hexanone
 Concen: 279.17 ug/l
 RT: 9.50 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: VX003495.D
 Acq: 20 Jul 2018 05:51

Tgt Ion: 43 Resp: 869290
 Ion Ratio Lower Upper
 43 100
 58 56.1 24.6 73.6





#60

Dibromochloromethane

Concen: 53.53 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. 0.00 min

Lab File: VX003495.D

Acq: 20 Jul 2018 05:51

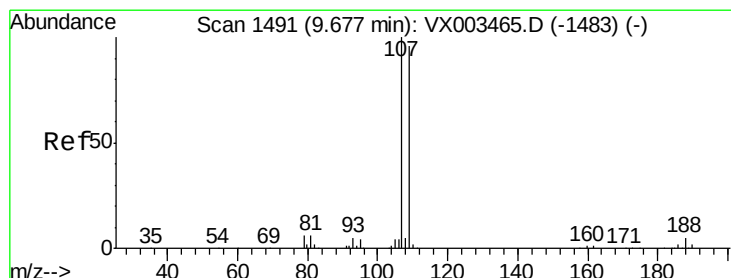
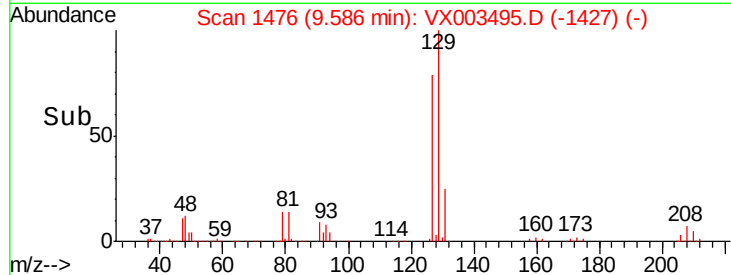
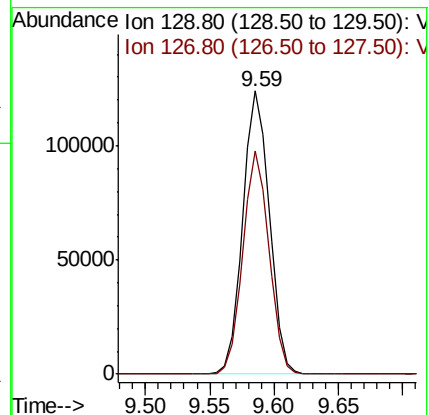
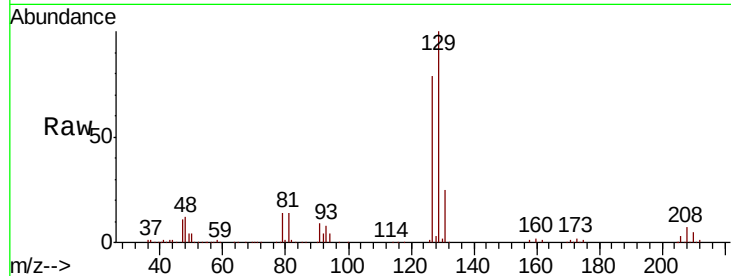
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:129 Resp: 177070

Ion Ratio Lower Upper

129 100

127 77.5 38.5 115.3



#61

1,2-Dibromoethane

Concen: 51.87 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003495.D

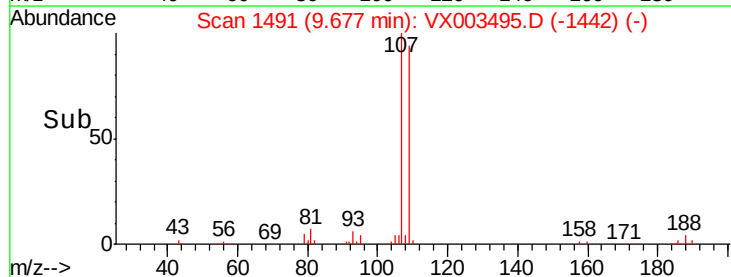
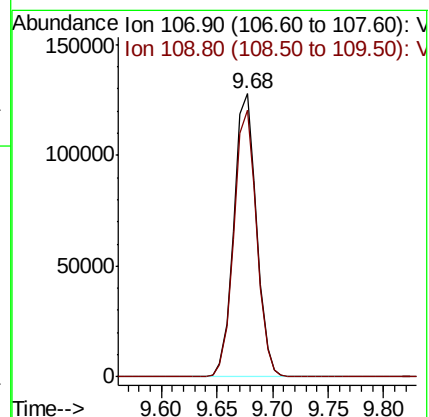
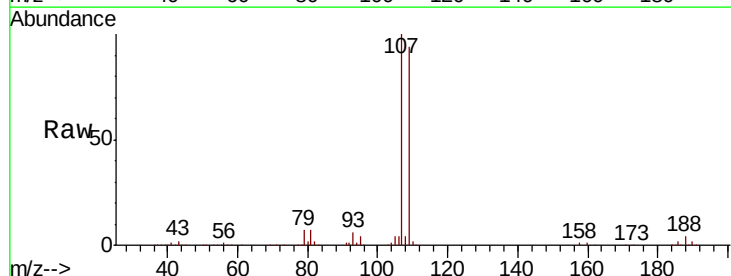
Acq: 20 Jul 2018 05:51

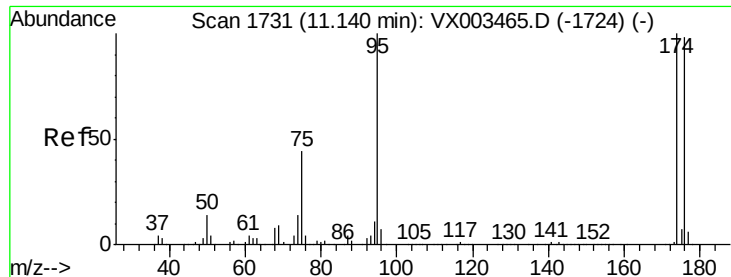
Tgt Ion:107 Resp: 179698

Ion Ratio Lower Upper

107 100

109 94.8 75.3 112.9

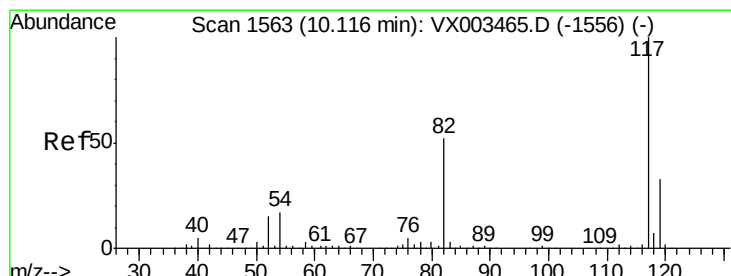
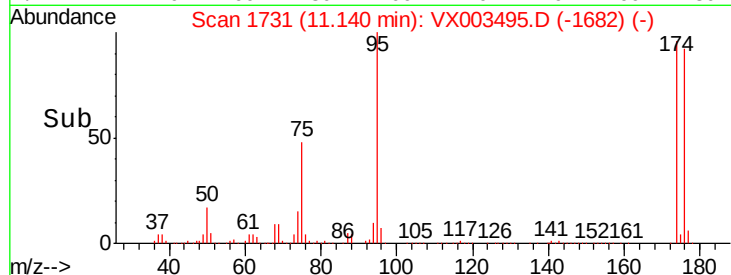
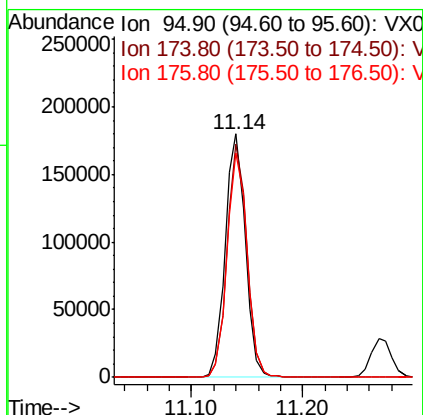
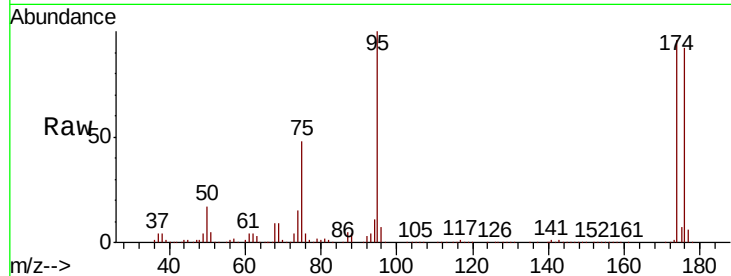




#62
4-Bromofluorobenzene
Concen: 52.65 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003495.D
Acq: 20 Jul 2018 05:51

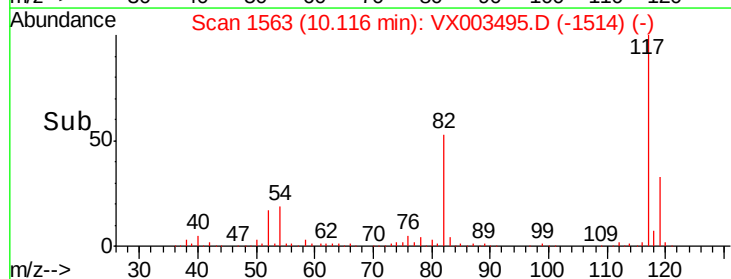
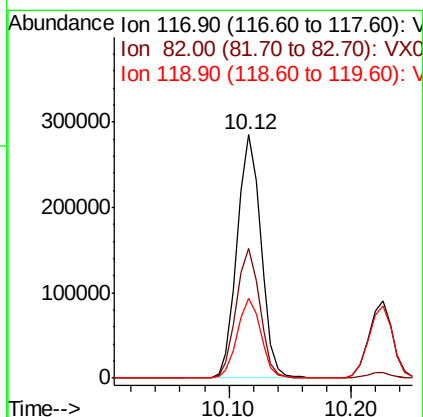
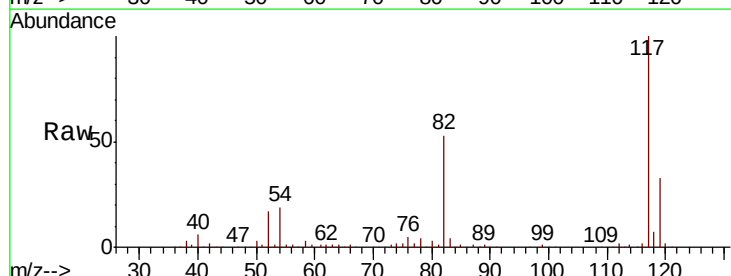
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

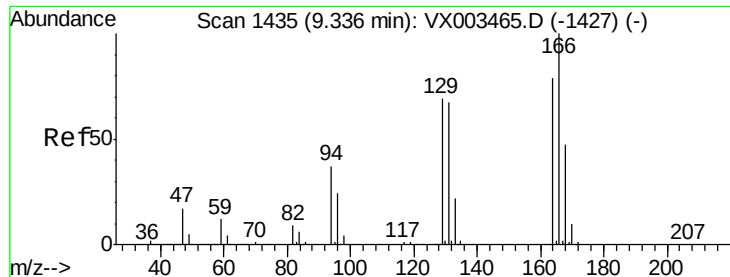
Tot Ion: 95 Resp: 225137
Ion Ratio Lower Upper
95 100
174 94.4 0.0 187.4
176 92.2 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003495.D
Acq: 20 Jul 2018 05:51

Tgt Ion: 117 Resp: 384567
Ion Ratio Lower Upper
117 100
82 53.2 45.0 67.4
119 32.6 25.8 38.6

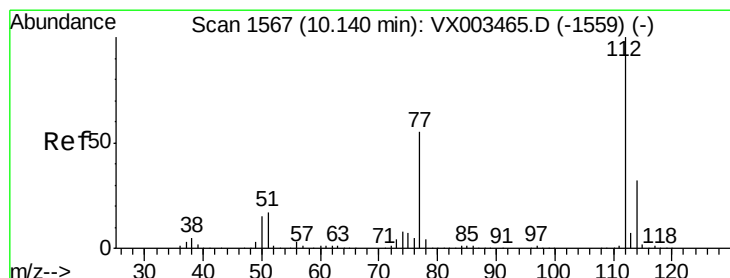
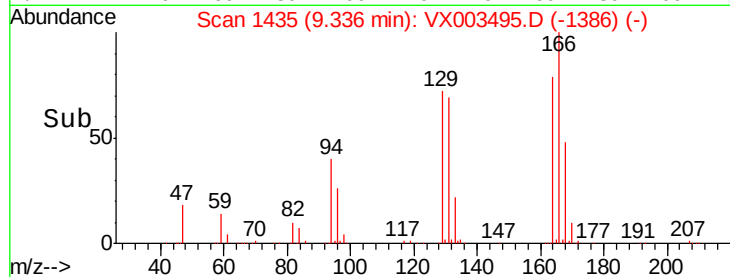
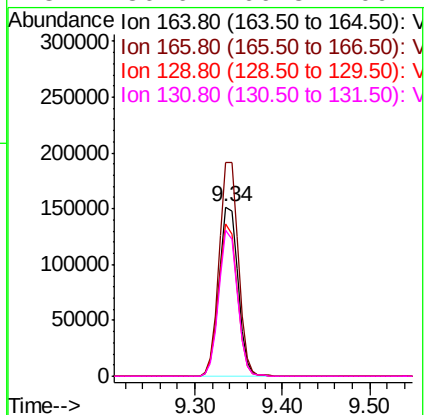
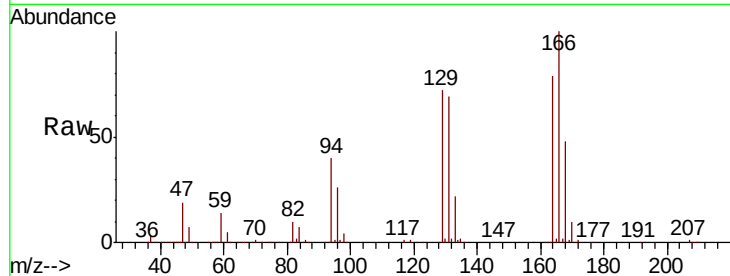




#64
Tetrachloroethene
Concen: 48.17 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003495.D
Acq: 20 Jul 2018 05:51

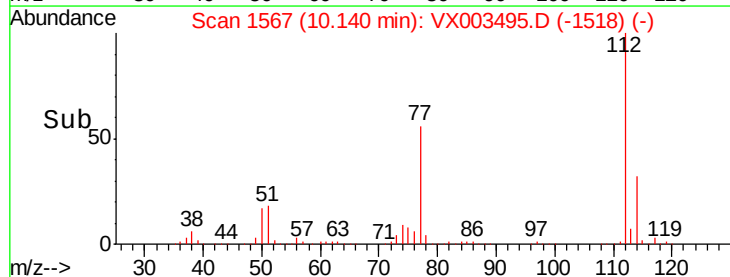
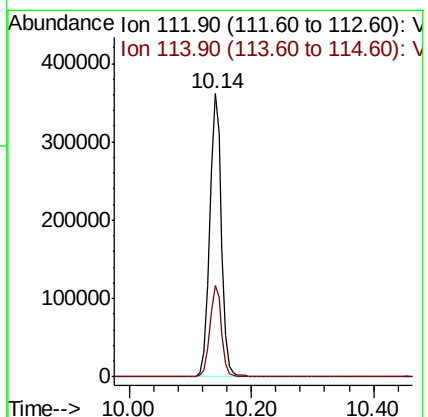
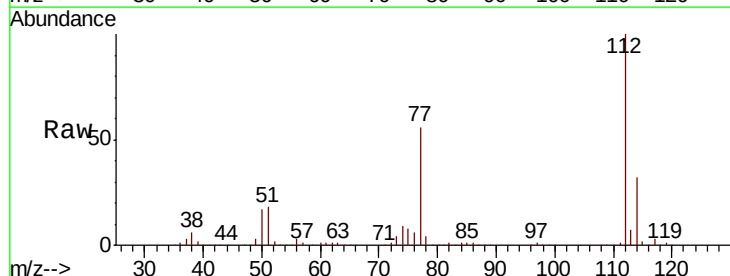
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

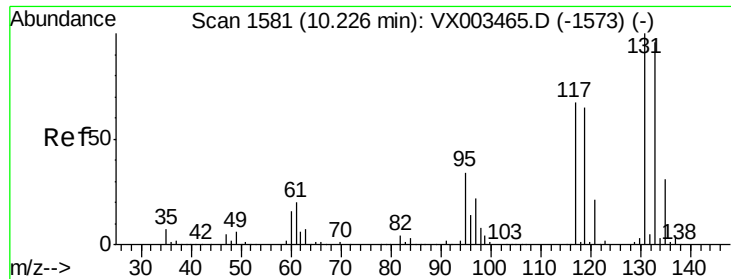
Tot Ion	Ratio	Lower	Upper
164	100		
166	126.3	102.9	154.3
129	90.4	68.6	102.8
131	86.6	66.8	100.2



#65
Chlorobenzene
Concen: 49.42 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003495.D
Acq: 20 Jul 2018 05:51

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.1	25.3	37.9





#66

1,1,1,2-Tetrachloroethane

Concen: 51.97 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX003495.D

Acq: 20 Jul 2018 05:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

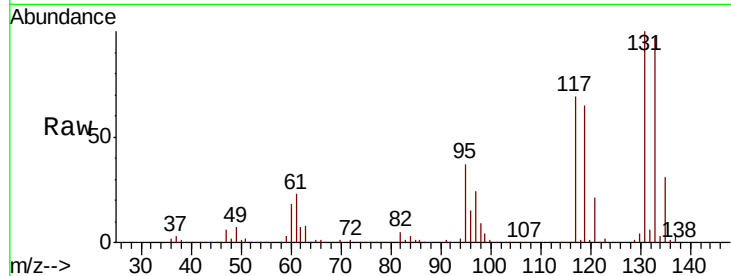
Tot Ion:131 Resp: 177175

Ion Ratio Lower Upper

131 100

133 95.6 47.9 143.6

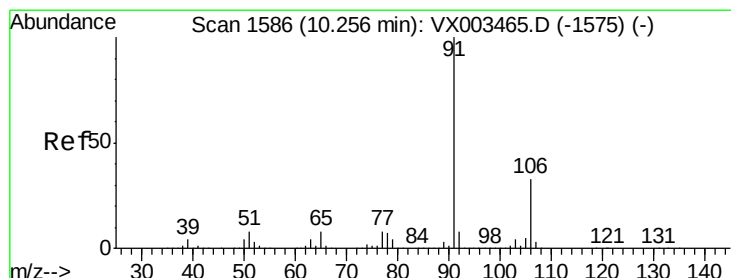
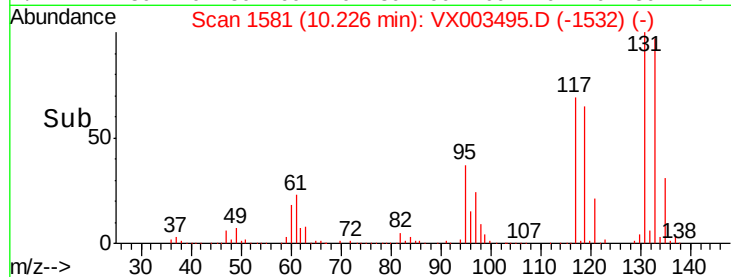
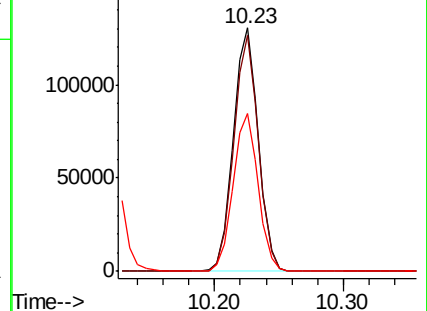
119 65.0 31.8 95.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 51.43 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX003495.D

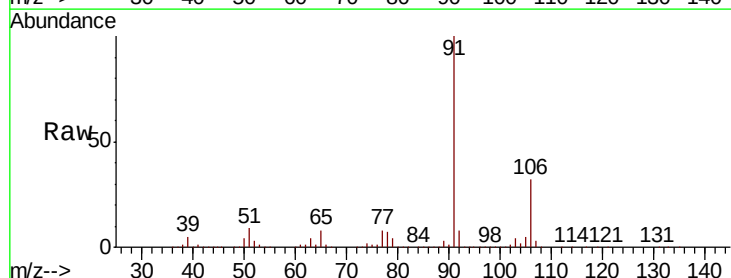
Acq: 20 Jul 2018 05:51

Tgt Ion: 91 Resp: 819300

Ion Ratio Lower Upper

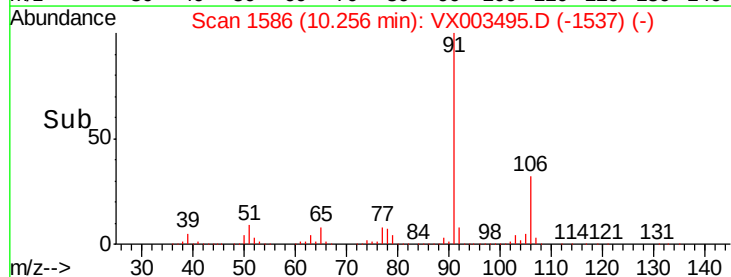
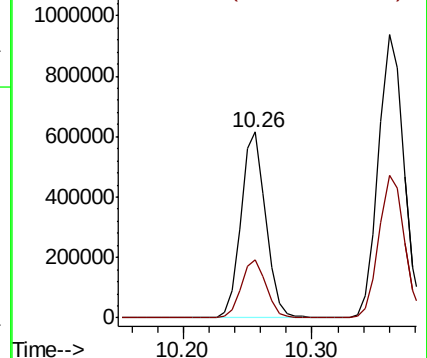
91 100

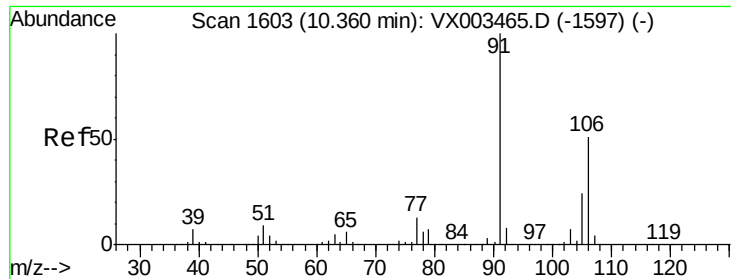
106 31.6 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 102.93 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VX003495.D

Acq: 20 Jul 2018 05:51

Instrument :

MSVOA_X

ClientSampleId :

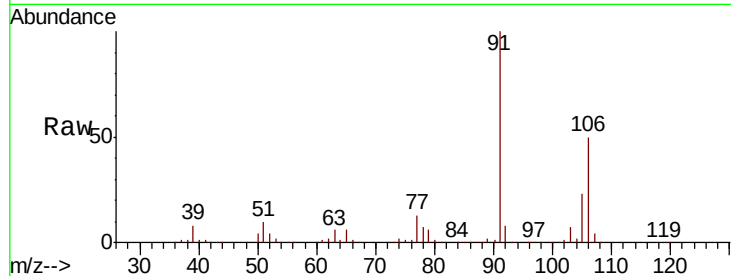
VSTDCCC050EC

Tot Ion:106 Resp: 642880

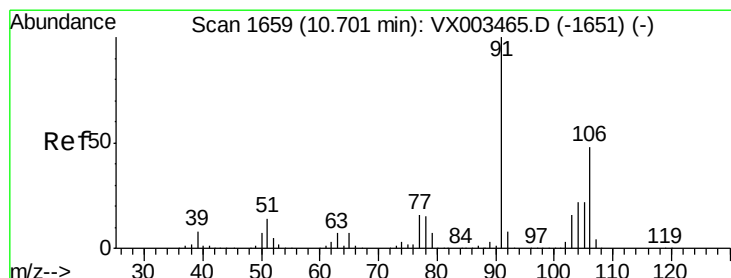
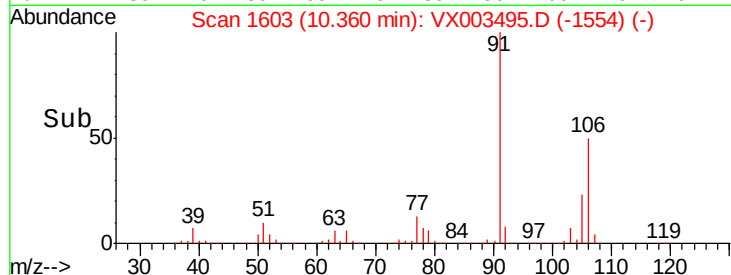
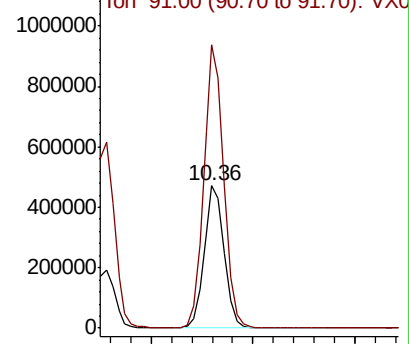
Ion Ratio Lower Upper

106 100

91 198.8 163.4 245.2



Abundance Ion 106.00 (105.70 to 106.70): V



#69

o-Xylene

Concen: 51.39 ug/l

RT: 10.70 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX003495.D

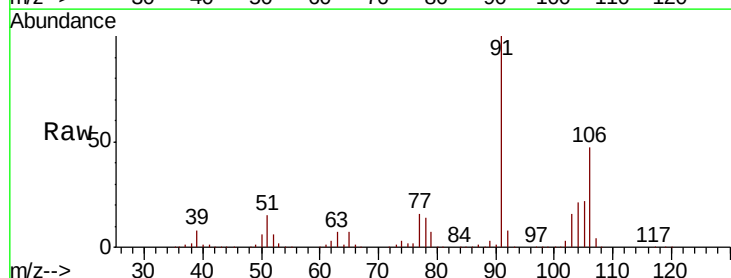
Acq: 20 Jul 2018 05:51

Tgt Ion:106 Resp: 310394

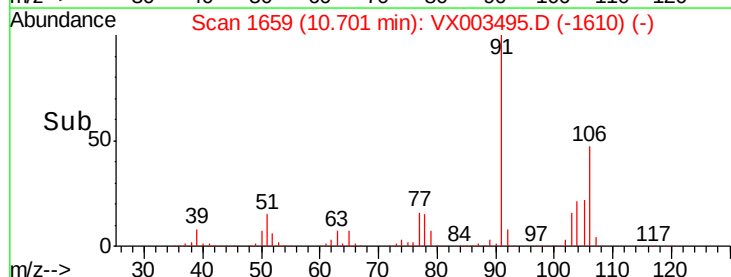
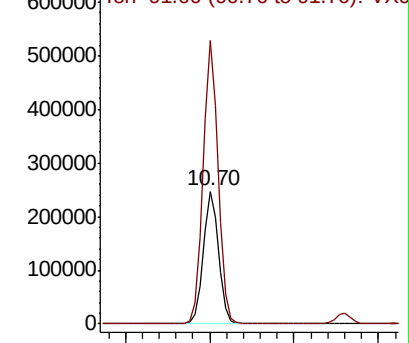
Ion Ratio Lower Upper

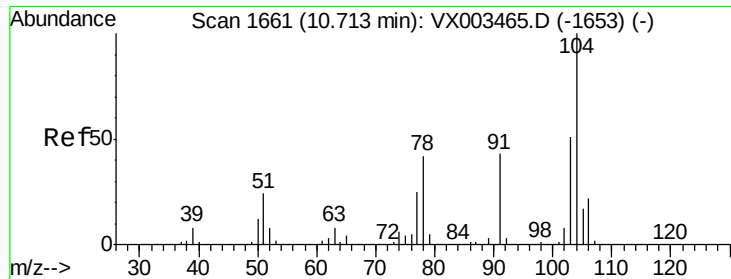
106 100

91 211.5 108.2 324.6



Abundance Ion 106.00 (105.70 to 106.70): V

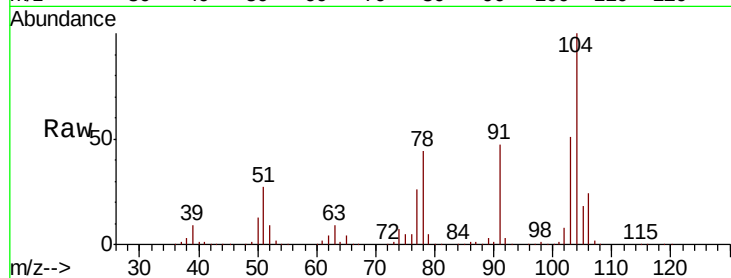




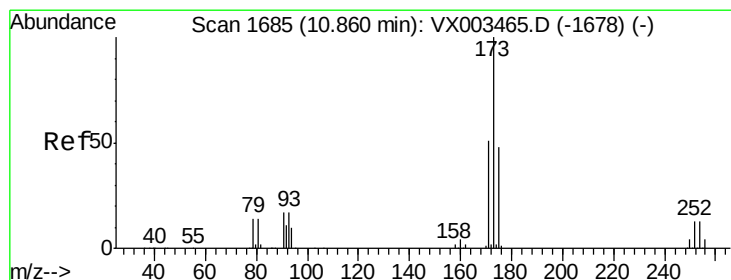
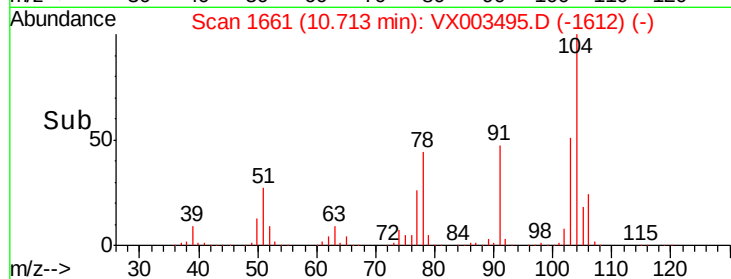
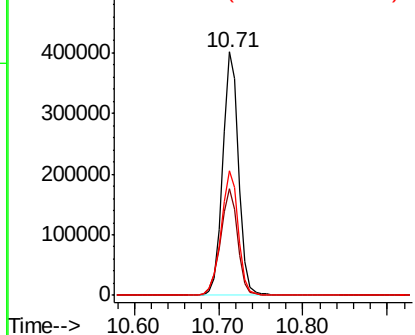
#70
Stvrene
Concen: 52.89 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003495.D
Acq: 20 Jul 2018 05:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:104 Resp: 525397
Ion Ratio Lower Upper
104 100
78 47.5 41.0 61.6
103 55.3 44.2 66.4

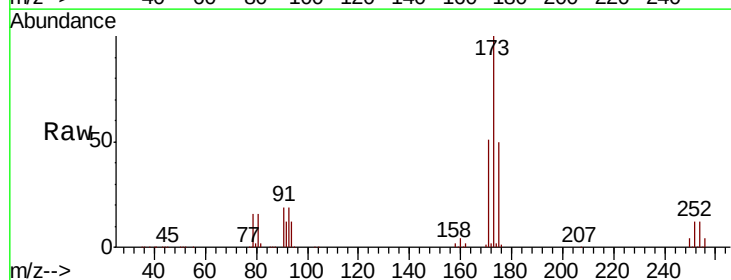


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

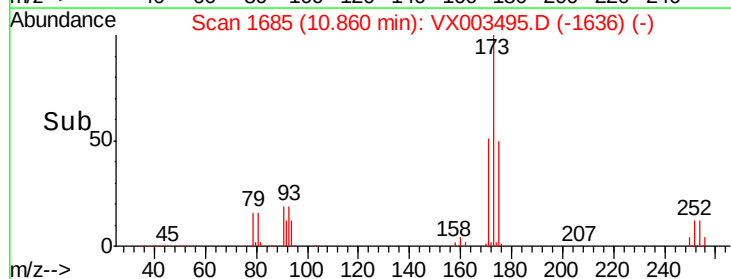
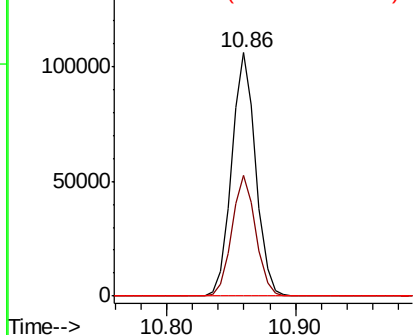


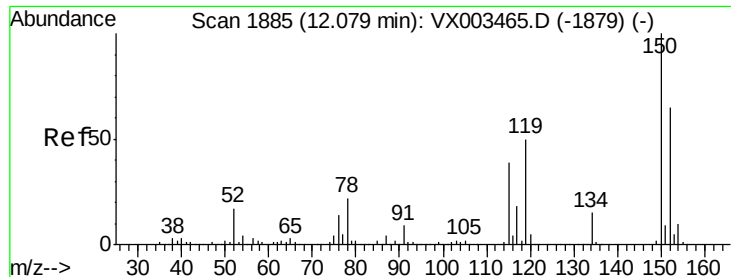
#71
Bromoform
Concen: 51.86 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003495.D
Acq: 20 Jul 2018 05:51

Tgt Ion:173 Resp: 137369
Ion Ratio Lower Upper
173 100
175 49.4 24.7 74.1
254 0.2 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003495.D

Acq: 20 Jul 2018 05:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

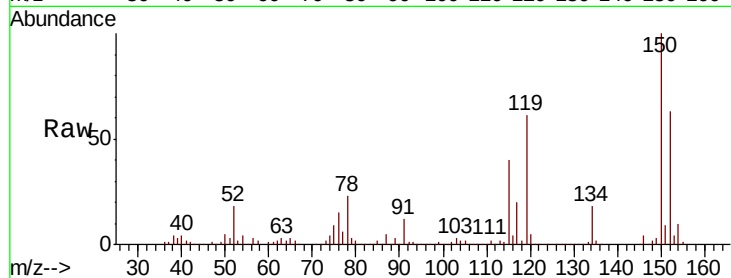
Tot Ion:152 Resp: 231942

Ion Ratio Lower Upper

152 100

115 77.4 40.1 120.2

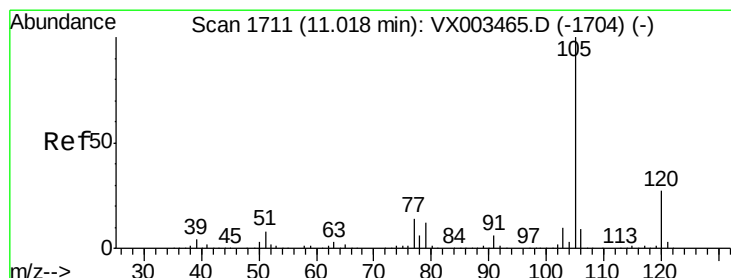
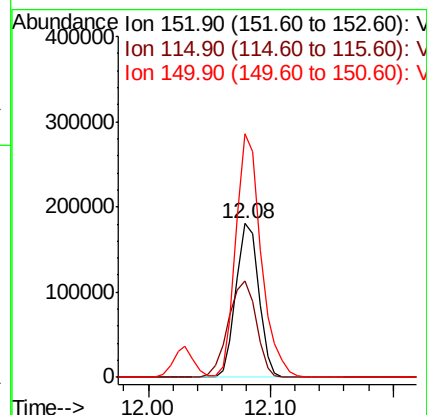
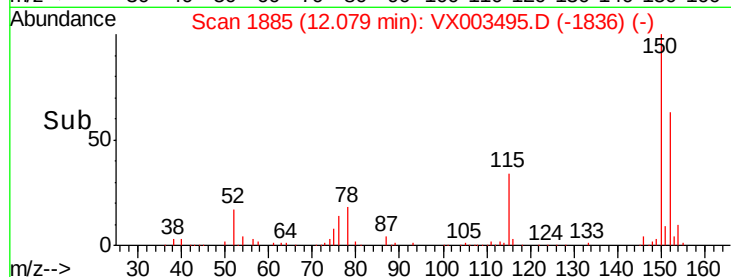
150 174.8 0.0 347.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 50.84 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX003495.D

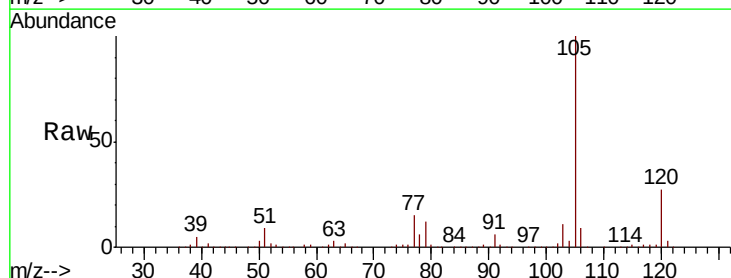
Acq: 20 Jul 2018 05:51

Tgt Ion:105 Resp: 815522

Ion Ratio Lower Upper

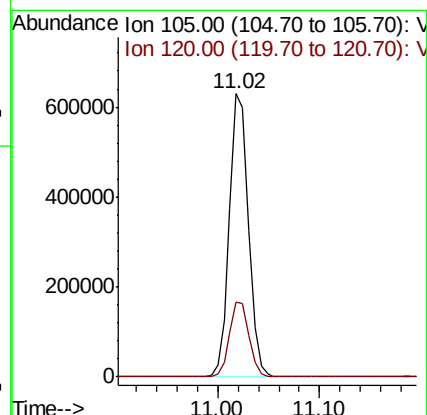
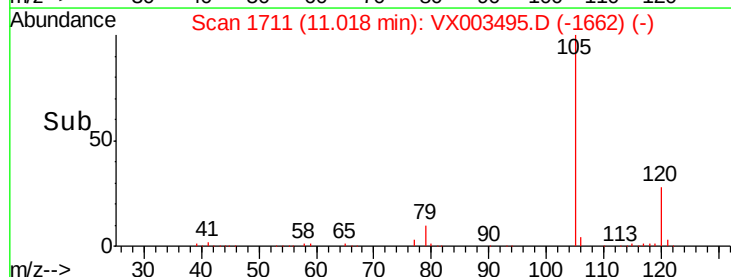
105 100

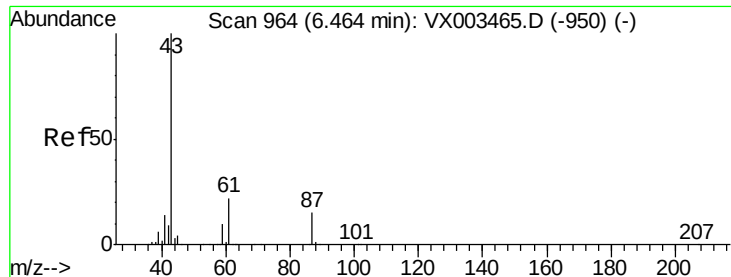
120 26.9 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 46.08 ug/l

RT: 6.46 min Scan# 964

Delta R.T. 0.00 min

Lab File: VX003495.D

Acq: 20 Jul 2018 05:51

Instrument :

MSVOA_X

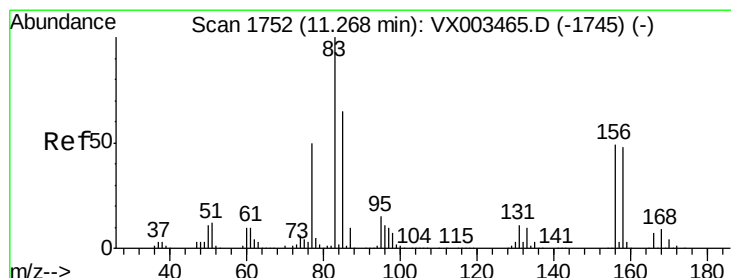
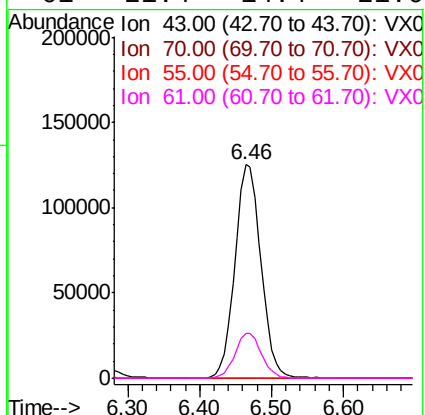
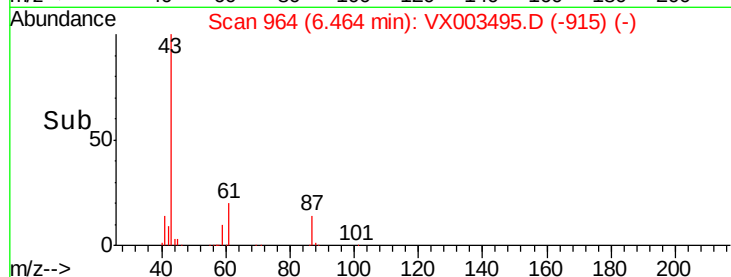
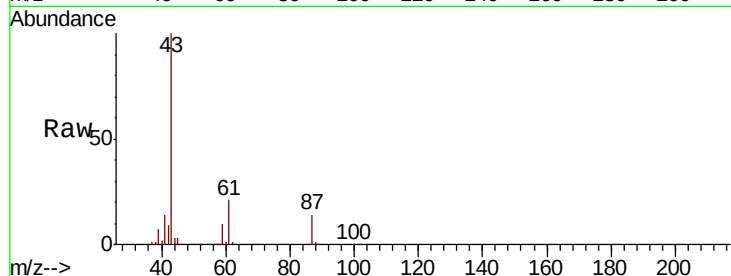
ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 313865

Ion Ratio Lower Upper

43	100		
70	0.0	0.0	0.0
55	0.1	0.0	0.0#
61	21.4	14.4	21.6



#75

1,1,2,2-Tetrachloroethane

Concen: 51.94 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. 0.00 min

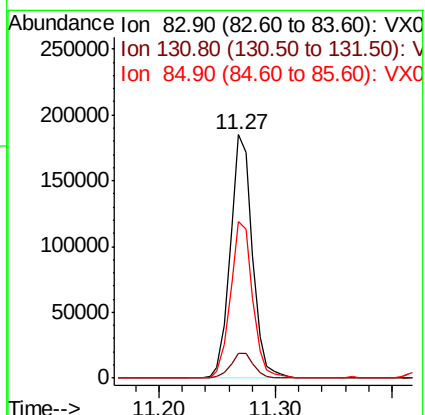
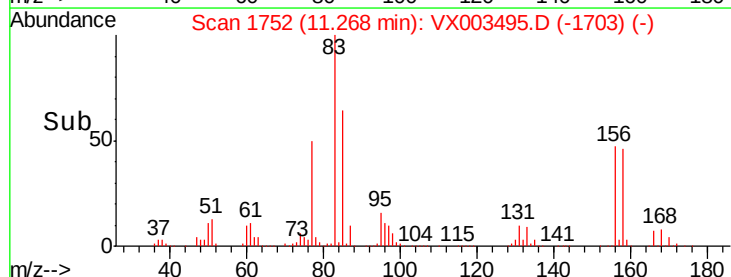
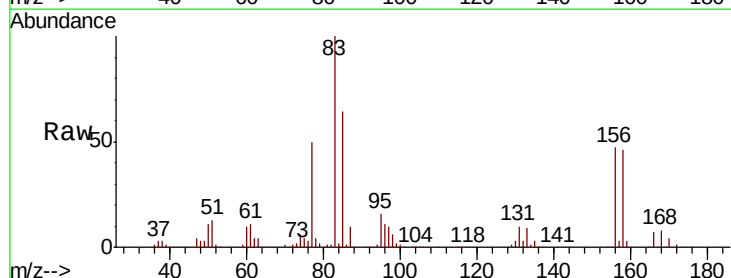
Lab File: VX003495.D

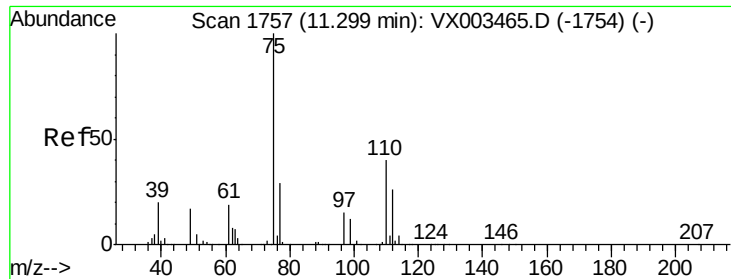
Acq: 20 Jul 2018 05:51

Tgt Ion: 83 Resp: 244166

Ion Ratio Lower Upper

83	100		
131	10.6	5.6	16.8
85	64.7	32.4	97.2





#76

1,2,3-Trichloropropane

Concen: 67.24 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX003495.D

Acq: 20 Jul 2018 05:51

Instrument :

MSVOA_X

ClientSampleId :

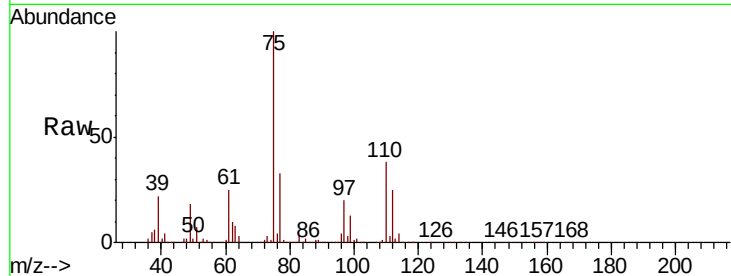
VSTDCCC050EC

Tot Ion: 75 Resp: 280177

Ion Ratio Lower Upper

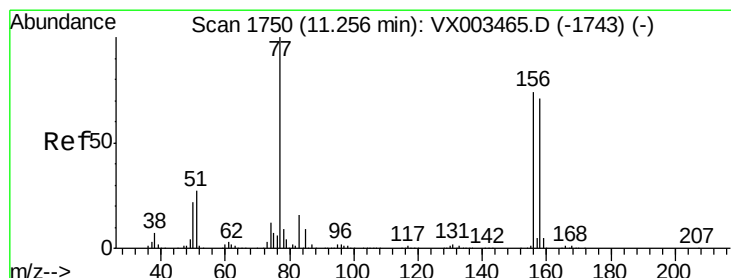
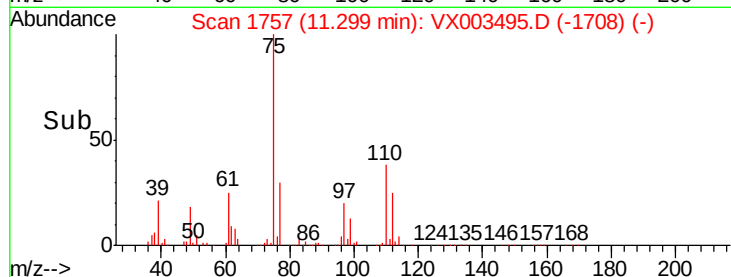
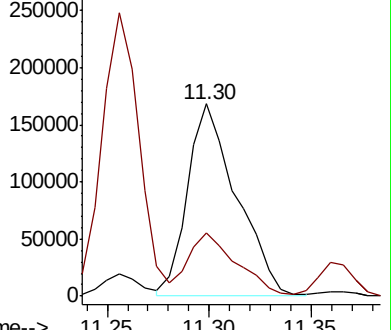
75 100

77 32.4 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#77

Bromobenzene

Concen: 48.52 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003495.D

Acq: 20 Jul 2018 05:51

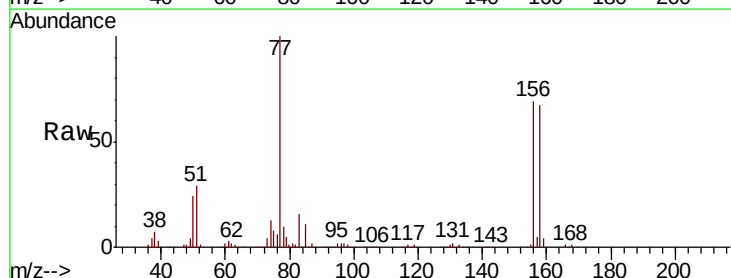
Tgt Ion: 156 Resp: 223838

Ion Ratio Lower Upper

156 100

77 140.2 71.4 214.2

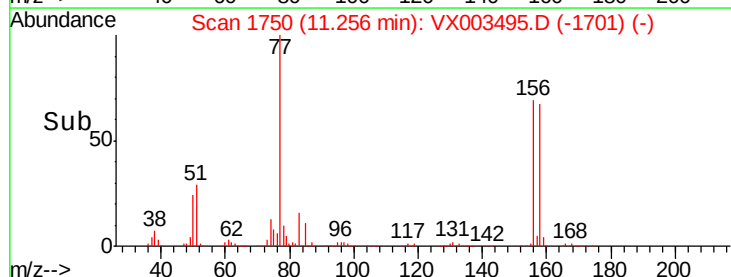
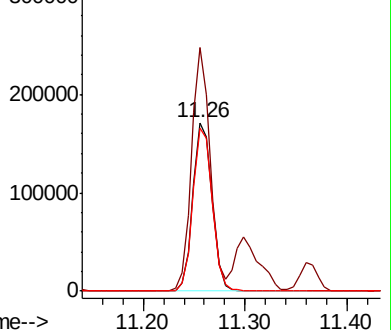
158 98.0 48.9 146.6

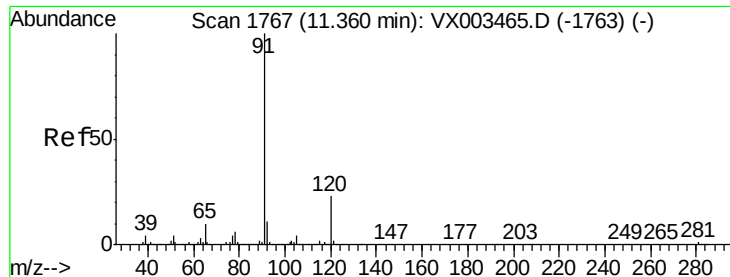


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V





#78

n-propylbenzene

Concen: 52.18 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX003495.D

Acq: 20 Jul 2018 05:51

Instrument :

MSVOA_X

ClientSampleId :

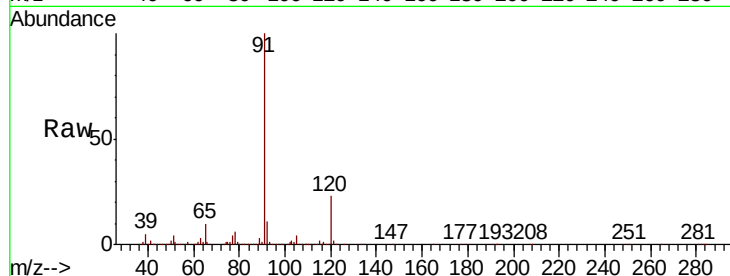
VSTDCCC050EC

Tot Ion: 91 Resp: 930480

Ion Ratio Lower Upper

91 100

120 24.1 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

800000

600000

400000

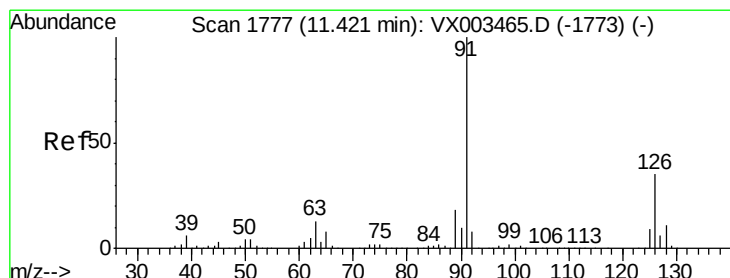
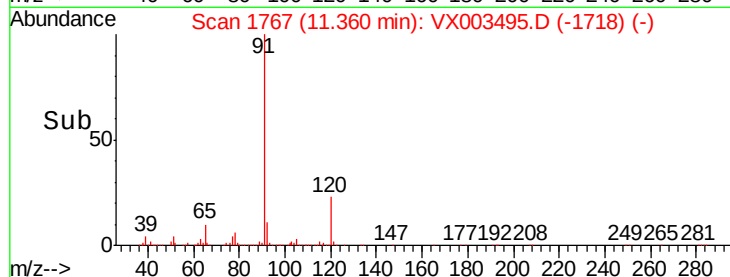
200000

0

11.35

11.40

Time-->



#79

2-Chlorotoluene

Concen: 51.44 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. 0.00 min

Lab File: VX003495.D

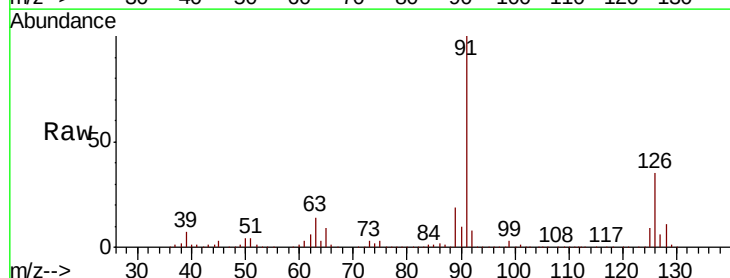
Acq: 20 Jul 2018 05:51

Tgt Ion: 91 Resp: 556777

Ion Ratio Lower Upper

91 100

126 35.9 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

800000

600000

400000

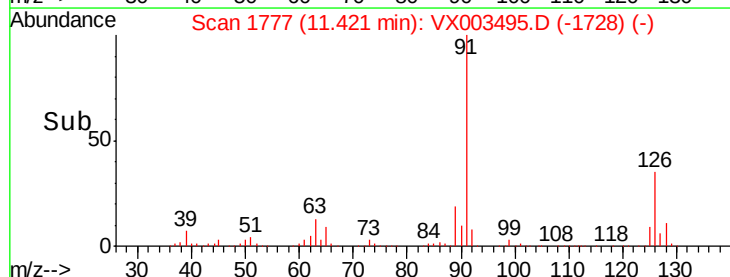
200000

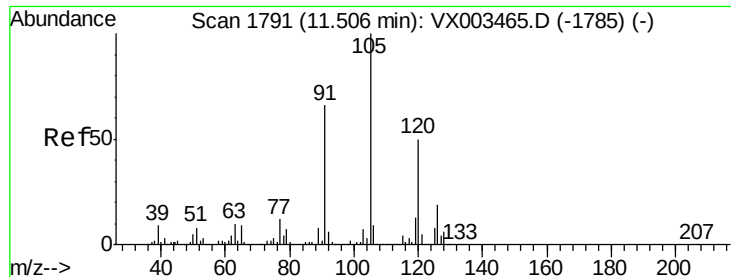
0

11.40

11.45

Time-->

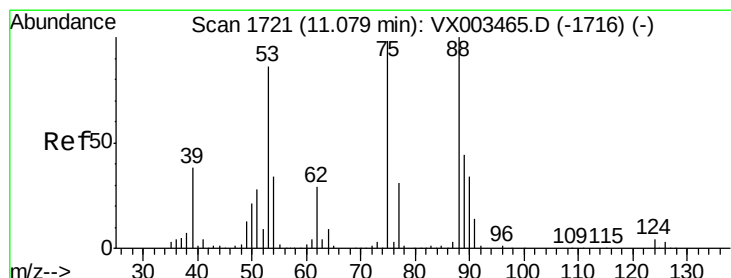
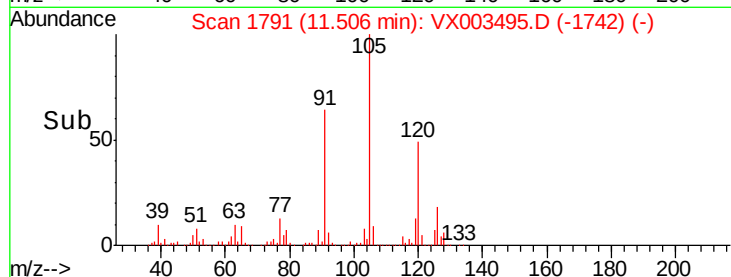
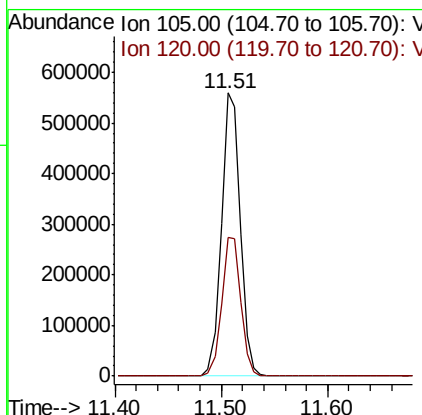
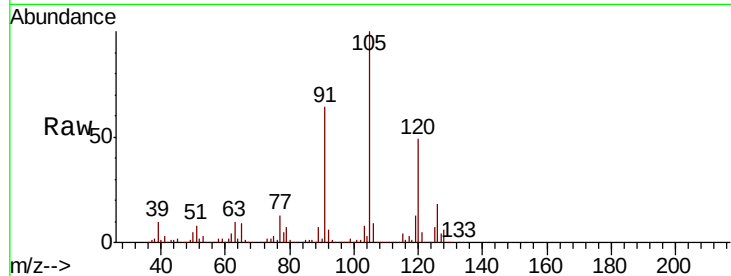




#80
 1,3,5-Trimethylbenzene
 Concen: 52.12 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX003495.D
 Acq: 20 Jul 2018 05:51

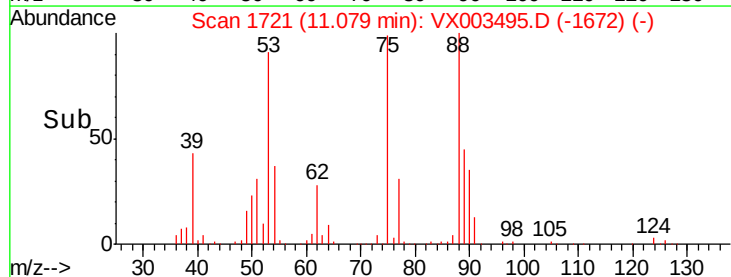
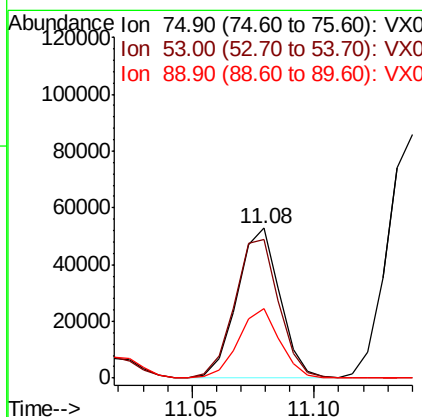
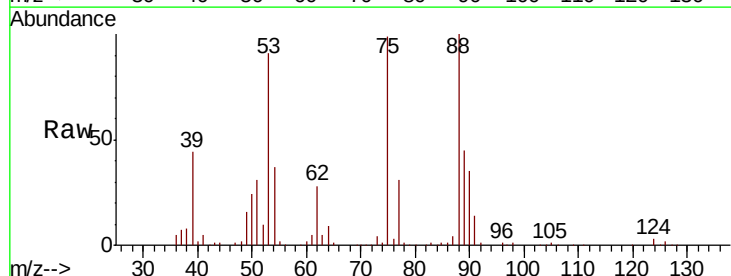
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

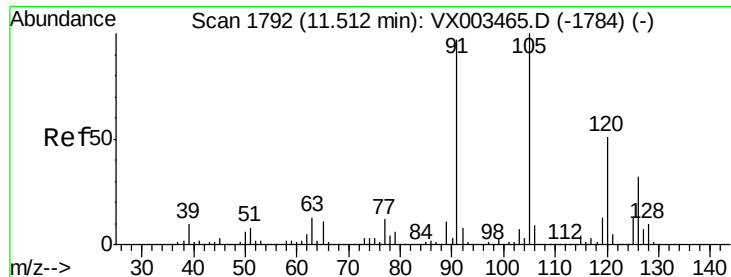
Tot Ion:105 Resp: 687114
 Ion Ratio Lower Upper
 105 100
 120 49.7 24.4 73.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 43.72 ug/l
 RT: 11.08 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: VX003495.D
 Acq: 20 Jul 2018 05:51

Tgt Ion: 75 Resp: 63688
 Ion Ratio Lower Upper
 75 100
 53 96.6 86.8 130.2
 89 45.3 38.2 57.2





#82

4-Chlorotoluene

Concen: 51.12 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003495.D

Acq: 20 Jul 2018 05:51

Instrument :

MSVOA_X

ClientSampleId :

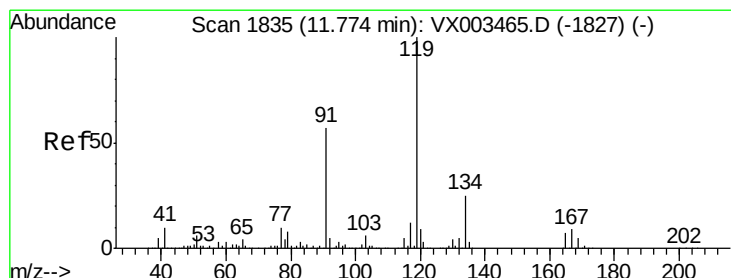
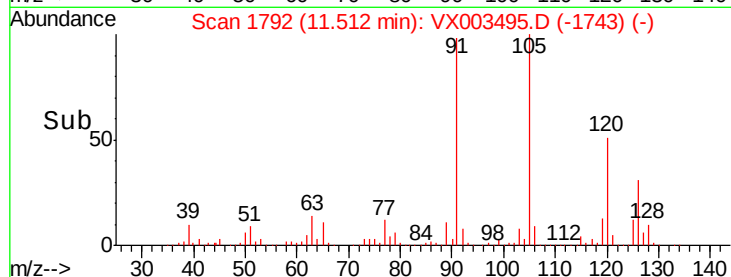
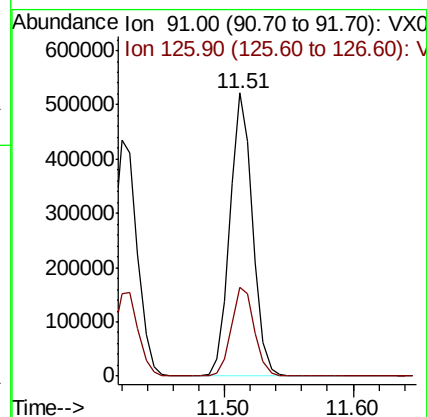
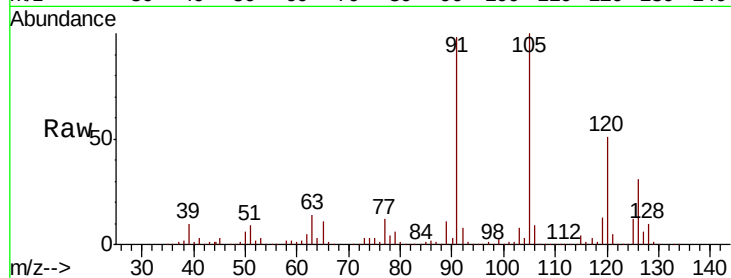
VSTDCCC050EC

Tot Ion: 91 Resp: 648340

Ion Ratio Lower Upper

91 100

126 32.0 15.4 46.4



#83

tert-Butylbenzene

Concen: 51.05 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX003495.D

Acq: 20 Jul 2018 05:51

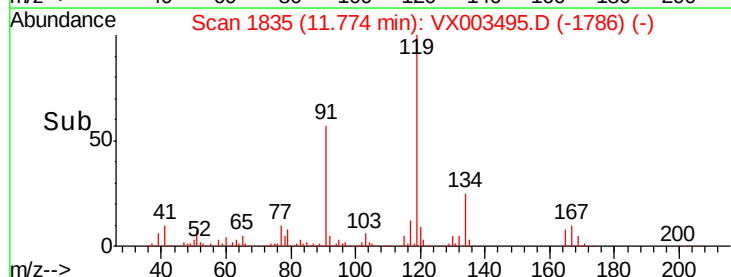
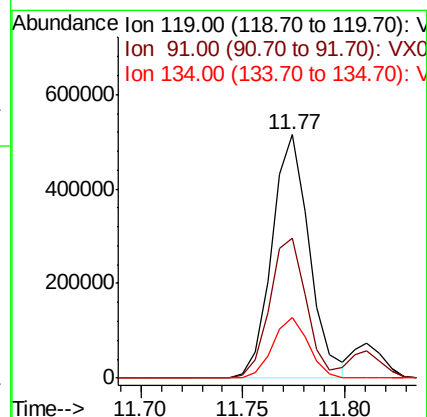
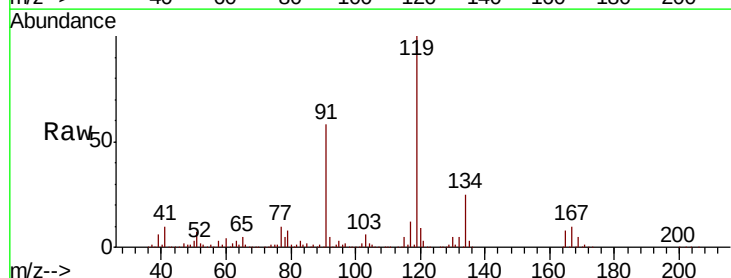
Tgt Ion: 119 Resp: 659096

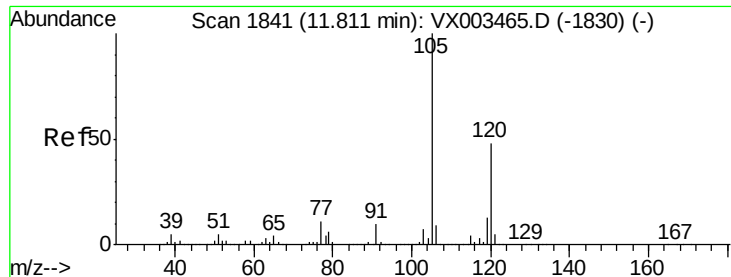
Ion Ratio Lower Upper

119 100

91 56.2 30.3 90.9

134 23.8 11.7 35.1





#84

1,2,4-Trimethylbenzene

Concen: 53.16 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VX003495.D

Acq: 20 Jul 2018 05:51

Instrument :

MSVOA_X

ClientSampleId :

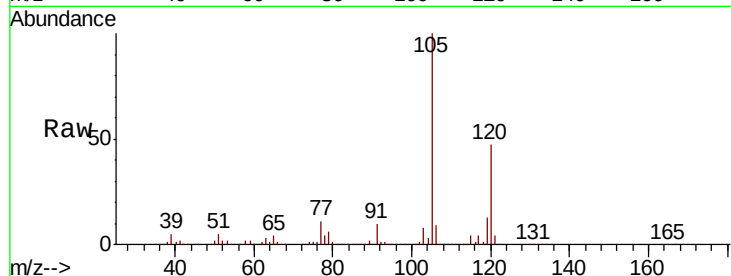
VSTDCCC050EC

Tot Ion:105 Resp: 713157

Ion Ratio Lower Upper

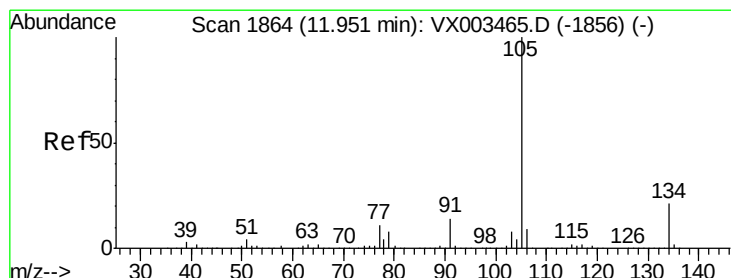
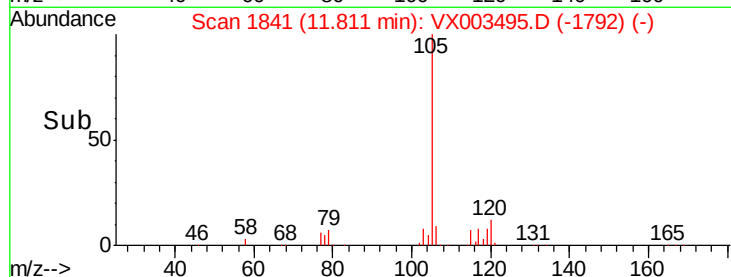
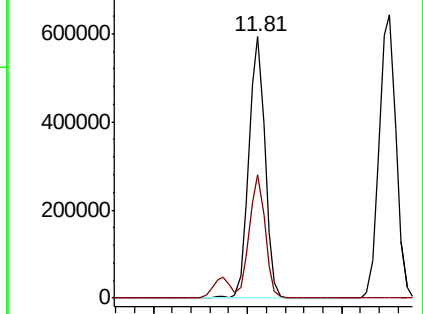
105 100

120 46.0 22.3 66.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 51.01 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003495.D

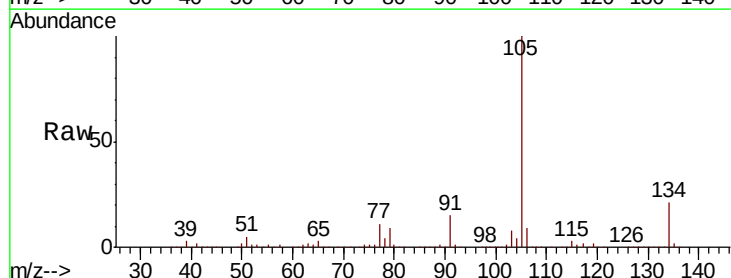
Acq: 20 Jul 2018 05:51

Tgt Ion:105 Resp: 799919

Ion Ratio Lower Upper

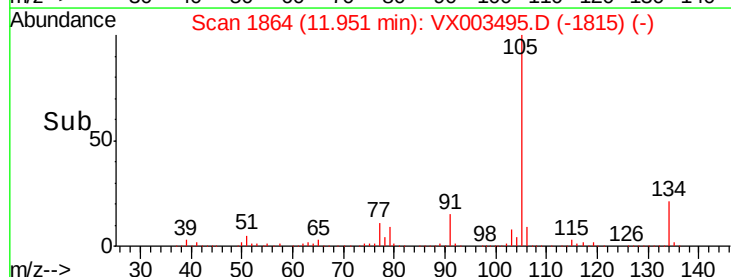
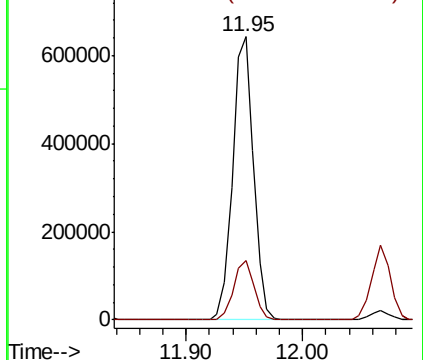
105 100

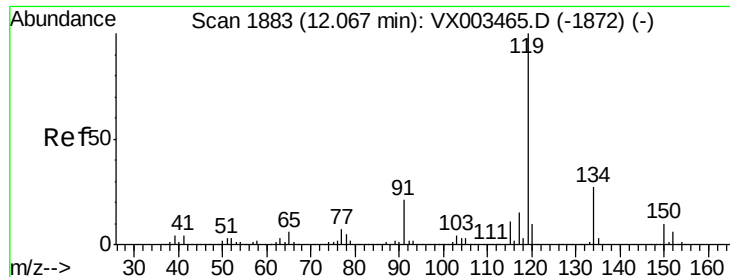
134 20.5 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

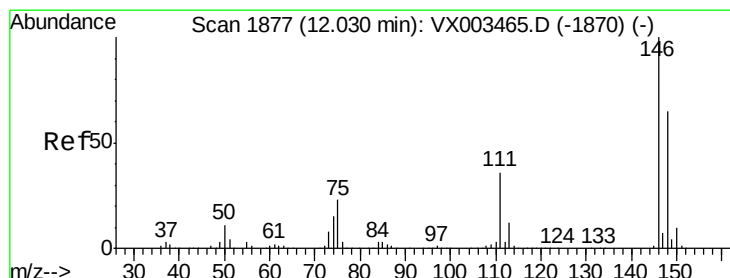
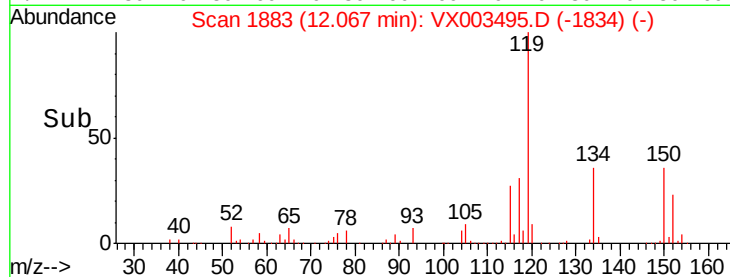
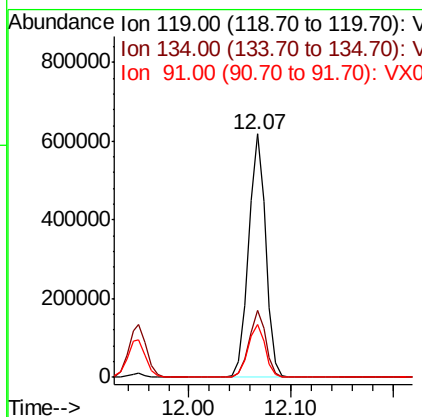
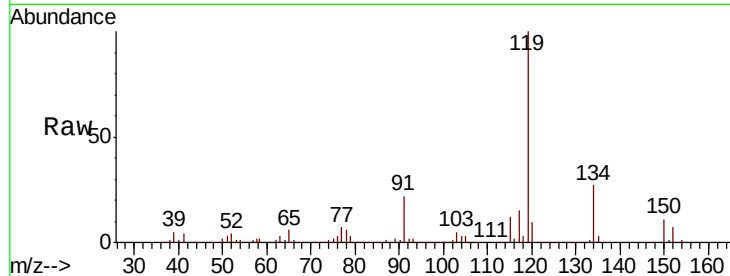




#86
 p-Isopropyltoluene
 Concen: 51.19 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX003495.D
 Acq: 20 Jul 2018 05:51

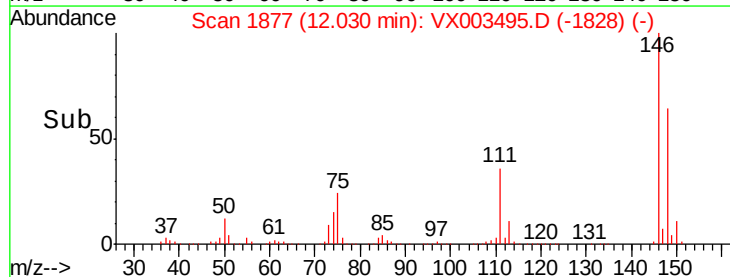
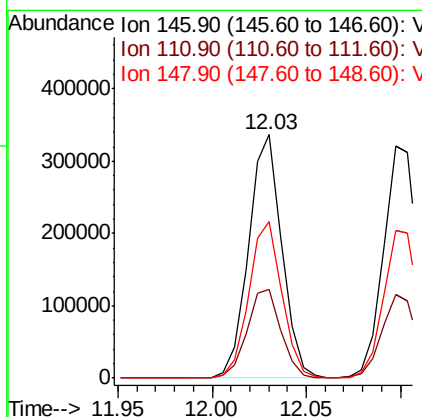
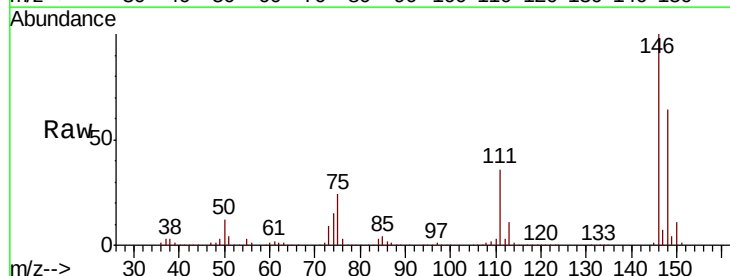
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

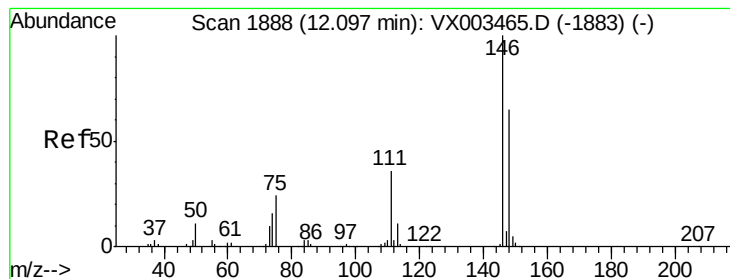
Tot Ion:119 Resp: 720373
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.4 40.1
 91 22.0 11.9 35.7



#87
 1,3-Dichlorobenzene
 Concen: 48.57 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX003495.D
 Acq: 20 Jul 2018 05:51

Tgt Ion:146 Resp: 411898
 Ion Ratio Lower Upper
 146 100
 111 37.3 18.9 56.7
 148 64.1 32.1 96.3





#88

1,4-Dichlorobenzene

Concen: 47.28 ug/l

RT: 12.10 min Scan# 1888

Delta R.T. 0.00 min

Lab File: VX003495.D

Acq: 20 Jul 2018 05:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

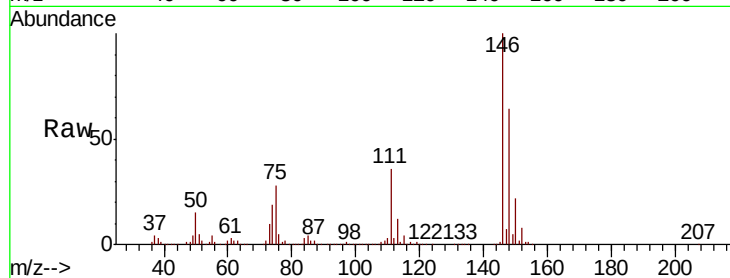
Tot Ion:146 Resp: 413076

Ion Ratio Lower Upper

146 100

111 36.0 18.7 56.1

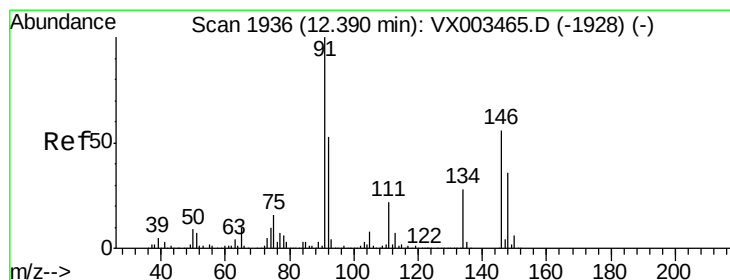
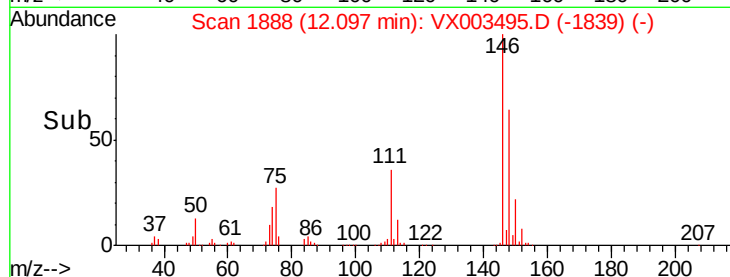
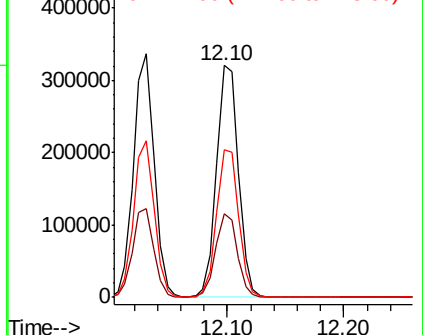
148 64.2 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 49.73 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX003495.D

Acq: 20 Jul 2018 05:51

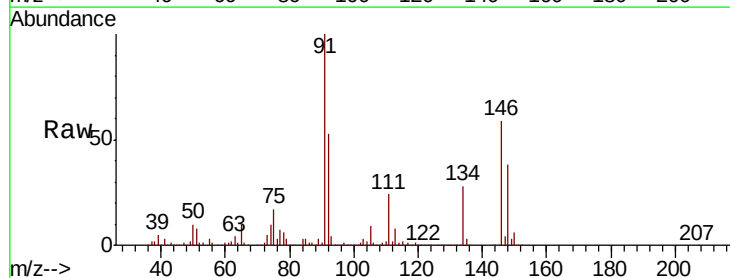
Tgt Ion: 91 Resp: 594328

Ion Ratio Lower Upper

91 100

92 52.8 26.0 78.0

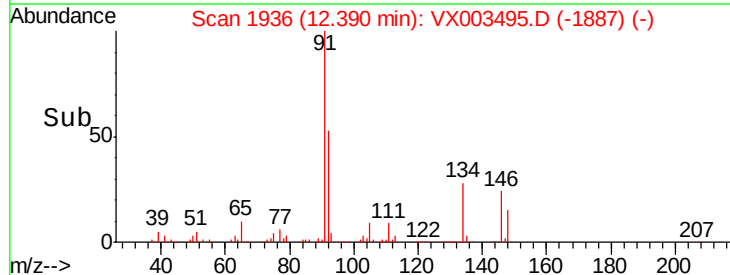
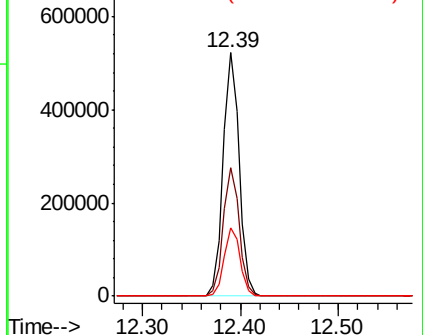
134 27.8 13.5 40.5

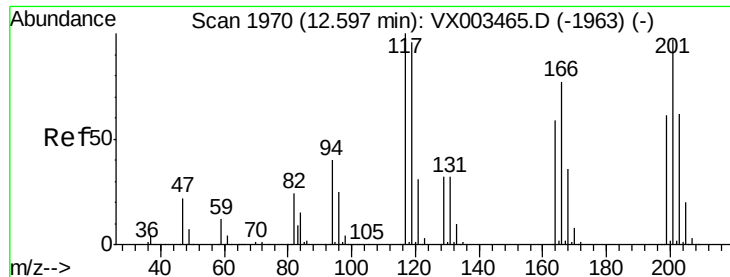


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 50.61 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VX003495.D

Acq: 20 Jul 2018 05:51

Instrument :

MSVOA_X

ClientSampleId :

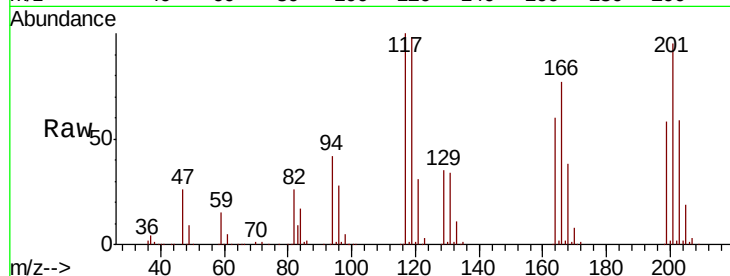
VSTDCCC050EC

Tot Ion:117 Resp: 101253

Ion Ratio Lower Upper

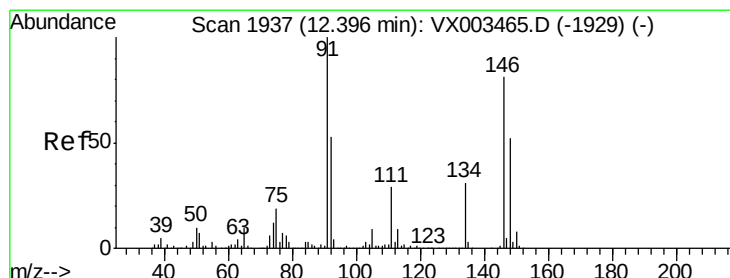
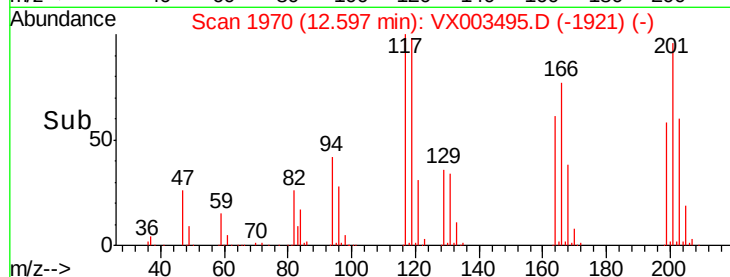
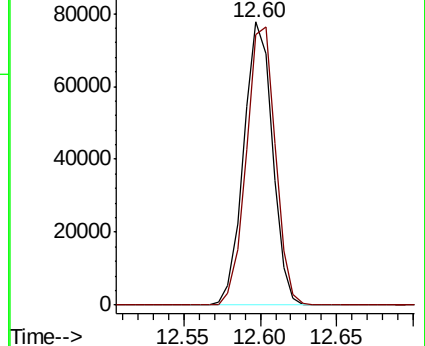
117 100

201 99.4 49.0 147.0



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 50.42 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX003495.D

Acq: 20 Jul 2018 05:51

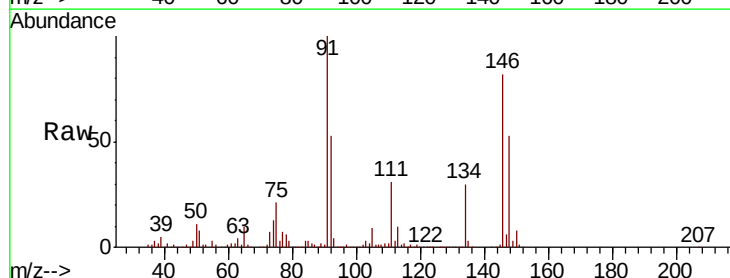
Tgt Ion:146 Resp: 421475

Ion Ratio Lower Upper

146 100

111 38.4 19.4 58.1

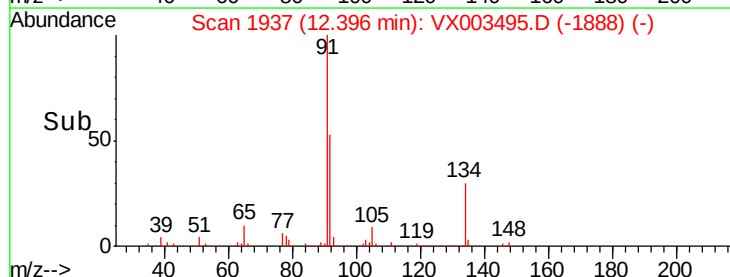
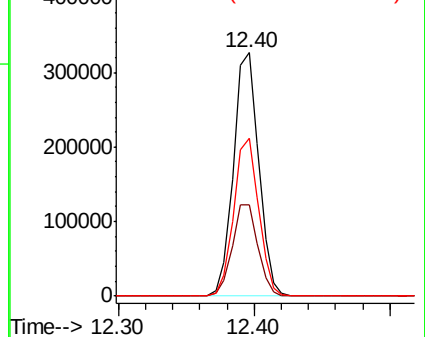
148 64.2 31.7 95.1

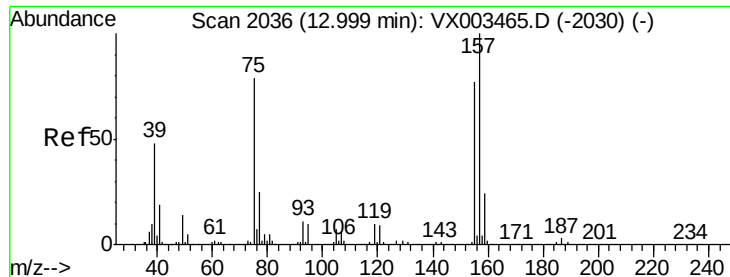


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 53.26 ug/l

RT: 13.00 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VX003495.D

Acq: 20 Jul 2018 05:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

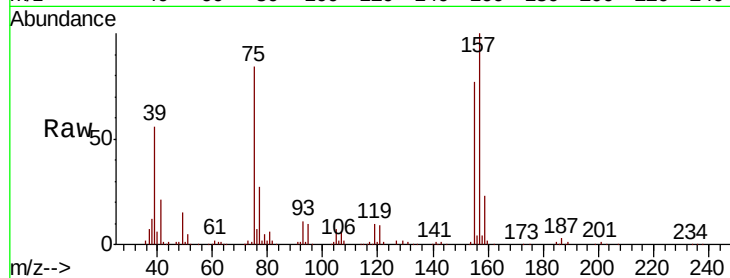
Tot Ion: 75 Resp: 48721

Ion Ratio Lower Upper

75 100

155 100.2 45.8 137.4

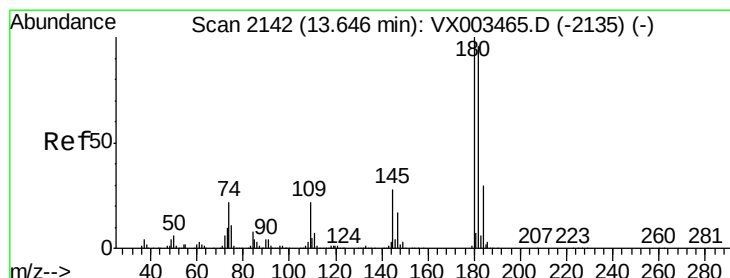
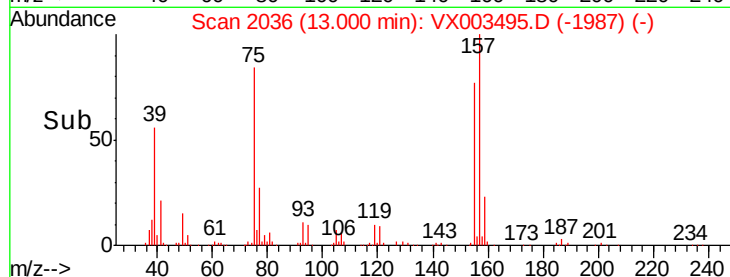
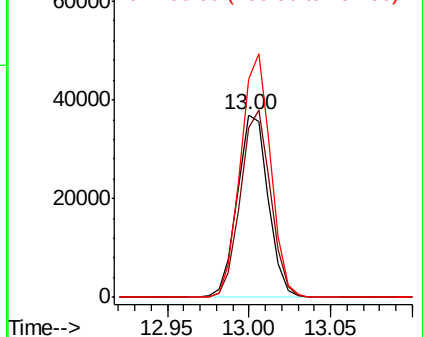
157 130.4 60.1 180.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 46.22 ug/l

RT: 13.65 min Scan# 2142

Delta R.T. 0.00 min

Lab File: VX003495.D

Acq: 20 Jul 2018 05:51

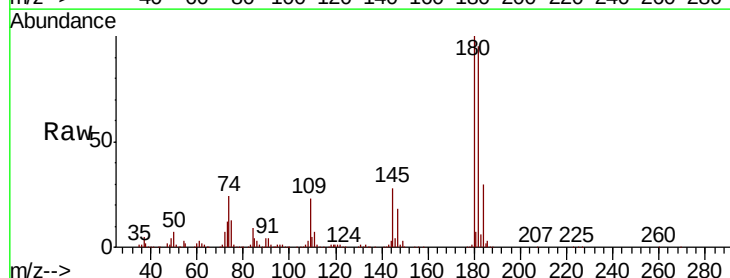
Tgt Ion:180 Resp: 283113

Ion Ratio Lower Upper

180 100

182 96.0 47.7 143.1

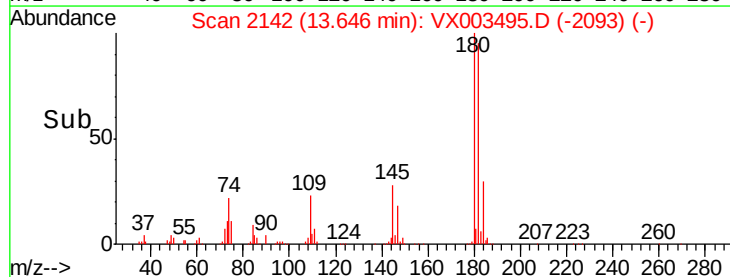
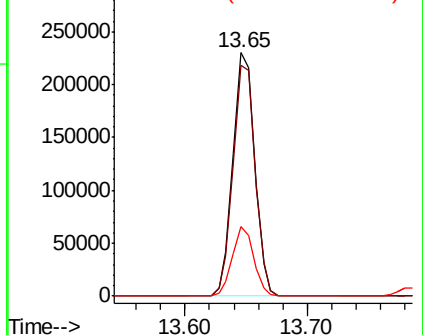
145 27.7 14.1 42.4

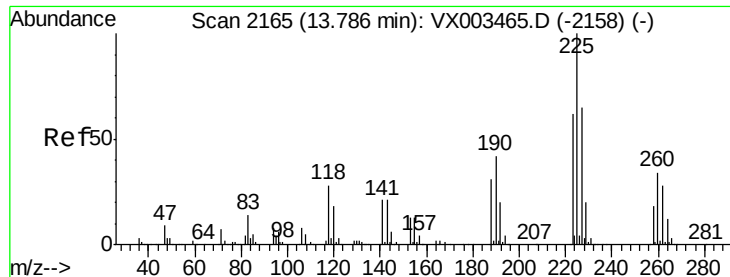


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 45.38 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VX003495.D

Acq: 20 Jul 2018 05:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

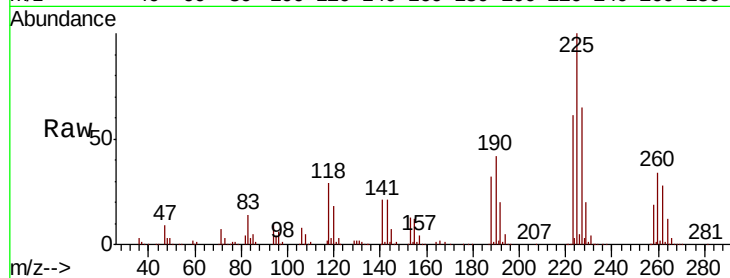
Tot Ion:225 Resp: 133684

Ion Ratio Lower Upper

225 100

223 62.2 31.6 95.0

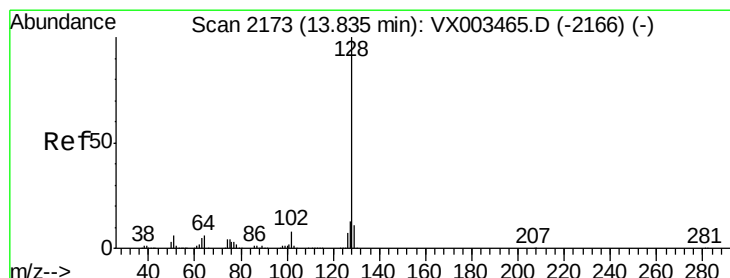
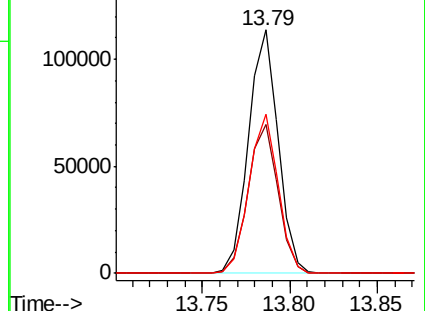
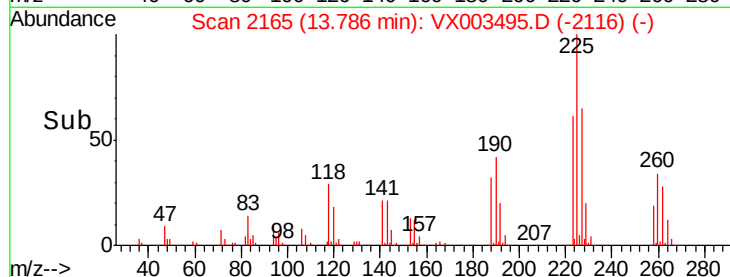
227 64.5 32.4 97.2



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 52.86 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX003495.D

Acq: 20 Jul 2018 05:51

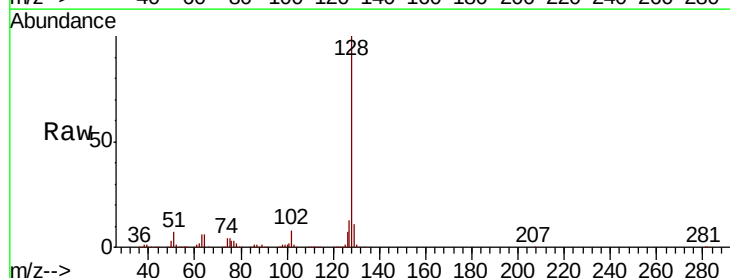
Tgt Ion:128 Resp: 850968

Ion Ratio Lower Upper

128 100

127 12.7 10.4 15.6

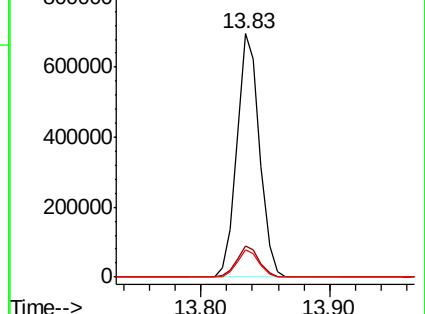
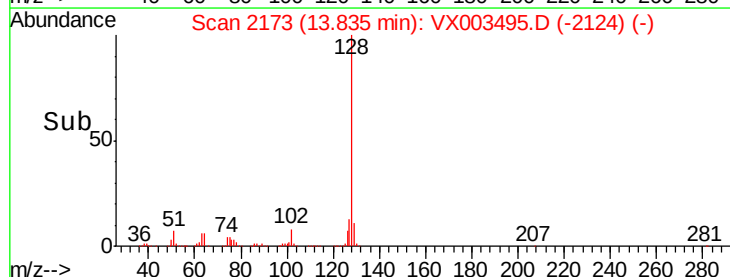
129 10.9 8.6 13.0

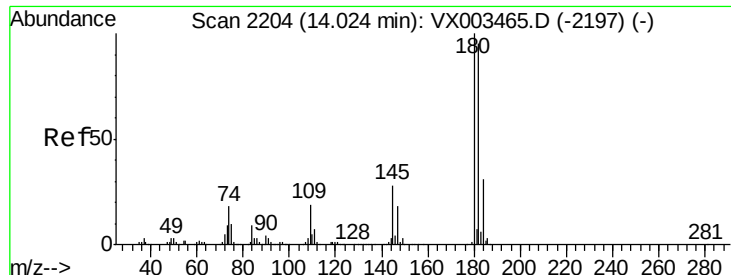


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 48.32 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: VX003495.D
 Acq: 20 Jul 2018 05:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	48.0	144.0
145	29.3	14.8	44.3

