

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092019\
 Data File : VX012570.D
 Acq On : 20 Sep 2019 20:16
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 21 01:38:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	179447	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	299508	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	271039	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	131921	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	125400	48.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.52%	
35) Dibromofluoromethane	5.49	113	91424	50.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.86%	
50) Toluene-d8	8.71	98	336826	50.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.40%	
62) 4-Bromofluorobenzene	11.14	95	138165	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	53616	44.824	ug/l	97
3) Chloromethane	1.32	50	47577	48.226	ug/l	100
4) Vinyl Chloride	1.40	62	51589	48.382	ug/l	92
5) Bromomethane	1.62	94	18336	43.770	ug/l	100
6) Chloroethane	1.70	64	36768	44.065	ug/l	98
7) Trichlorofluoromethane	1.92	101	97184	49.719	ug/l	97
8) Diethyl Ether	2.18	74	43593	49.377	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	68871	48.698	ug/l	99
10) Methyl Iodide	2.50	142	57230	47.409	ug/l	97
11) Tert butyl alcohol	3.04	59	154272	236.218	ug/l	99
12) 1,1-Dichloroethene	2.36	96	56104	49.729	ug/l	99
13) Acrolein	2.28	56	52384	231.838	ug/l	97
14) Allyl chloride	2.72	41	129804	49.419	ug/l	99
15) Acrylonitrile	3.13	53	285754	256.403	ug/l	99
16) Acetone	2.44	43	265035	224.732	ug/l	98
17) Carbon Disulfide	2.56	76	63796	40.346	ug/l	98
18) Methyl Acetate	2.76	43	135887	50.705	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	306261	49.788	ug/l	97
20) Methylene Chloride	2.84	84	76472	49.132	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	57918	49.437	ug/l	96
22) Diisopropyl ether	3.84	45	308161	50.108	ug/l	99
23) Vinyl Acetate	3.80	43	1285202	254.042	ug/l	100
24) 1,1-Dichloroethane	3.69	63	149832	50.919	ug/l	97
25) 2-Butanone	4.66	43	418932	234.829	ug/l	100
26) 2,2-Dichloropropane	4.57	77	123606	42.712	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	87958	50.259	ug/l	97
28) Bromochloromethane	5.00	49	75002	49.441	ug/l	97
29) Tetrahydrofuran	5.12	42	251328	255.015	ug/l	99
30) Chloroform	5.20	83	162123	47.974	ug/l	98
31) Cyclohexane	5.57	56	86898	48.921	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	138416	49.006	ug/l	100
36) 1,1-Dichloropropene	5.79	75	88866	48.820	ug/l	98
37) Ethyl Acetate	4.82	43	148833	53.267	ug/l	100
38) Carbon Tetrachloride	5.78	117	110416	48.772	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	86251	48.742	ug/l	98
40) Benzene	6.14	78	295246	51.007	ug/l	99
41) Methacrylonitrile	5.03	41	89693	49.854	ug/l	98
42) 1,2-Dichloroethane	6.18	62	133943	49.891	ug/l	100
43) Isopropyl Acetate	6.43	43	252187	50.287	ug/l	99
44) Trichloroethene	7.21	130	78742	51.714	ug/l	100
45) 1,2-Dichloropropane	7.51	63	90659	50.980	ug/l	98
46) Dibromomethane	7.65	93	57191	49.697	ug/l	100
47) Bromodichloromethane	7.89	83	129250	50.442	ug/l	99
48) Methyl methacrylate	7.76	41	120067	50.790	ug/l	98
49) 1,4-Dioxane	7.73	88	57418	997.965	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	846854	257.501	ug/l	100
52) Toluene	8.78	92	190130	50.975	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	134388	50.454	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	141205	51.207	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	97006	50.482	ug/l	99
56) Ethyl methacrylate	9.17	69	155878	51.883	ug/l	98
57) 1,3-Dichloropropane	9.37	76	156711	51.114	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	426307	274.117	ug/l	99
59) 2-Hexanone	9.49	43	646513	251.977	ug/l	99
60) Dibromochloromethane	9.58	129	103072	52.659	ug/l	100
61) 1,2-Dibromoethane	9.67	107	90465	51.547	ug/l	97
64) Tetrachloroethene	9.33	164	73659	59.307	ug/l	93
65) Chlorobenzene	10.14	112	225547	50.419	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	96816	52.147	ug/l	99
67) Ethyl Benzene	10.25	91	393171	51.156	ug/l	99
68) m/p-Xylenes	10.35	106	289068	103.370	ug/l	99
69) o-Xylene	10.70	106	150102	52.193	ug/l	100
70) Styrene	10.71	104	268129	52.695	ug/l	100
71) Bromoform	10.85	173	72855	45.829	ug/l #	99
73) Isopropylbenzene	11.01	105	415028	50.141	ug/l	99
74) N-amyl acetate	10.89	43	226203	50.760	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	163280	50.287	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	189443	62.516	ug/l	87
77) Bromobenzene	11.25	156	102399	50.726	ug/l	100
78) n-propylbenzene	11.35	91	461911	50.070	ug/l	99
79) 2-Chlorotoluene	11.42	91	292604	48.754	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	355368	50.341	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	48278	44.126	ug/l	96
82) 4-Chlorotoluene	11.51	91	342931	49.786	ug/l	100
83) tert-Butylbenzene	11.77	119	365984	48.384	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	361384	49.859	ug/l	99
85) sec-Butylbenzene	11.94	105	417215	50.055	ug/l	99
86) p-Isopropyltoluene	12.06	119	384389	50.222	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	194650	51.260	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	196162	50.290	ug/l	99
89) n-Butylbenzene	12.39	91	326214	47.768	ug/l	99
90) Hexachloroethane	12.59	117	68929	49.116	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	203415	51.253	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	44156	52.455	ug/l	98

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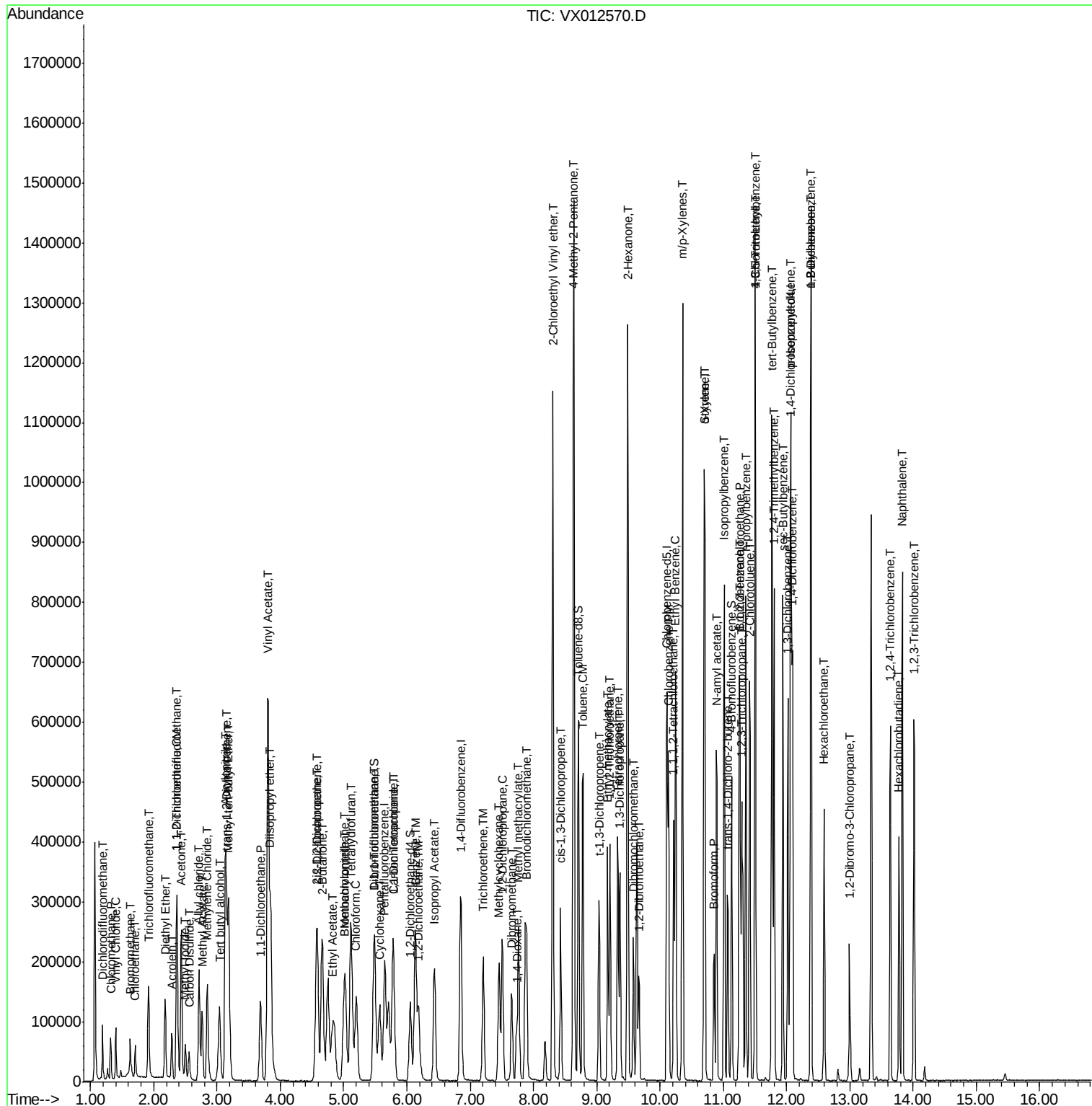
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	130872	51.194	ug/l	99
94) Hexachlorobutadiene	13.78	225	54786	45.470	ug/l	97
95) Naphthalene	13.83	128	492385	54.131	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	136615	52.442	ug/l	99

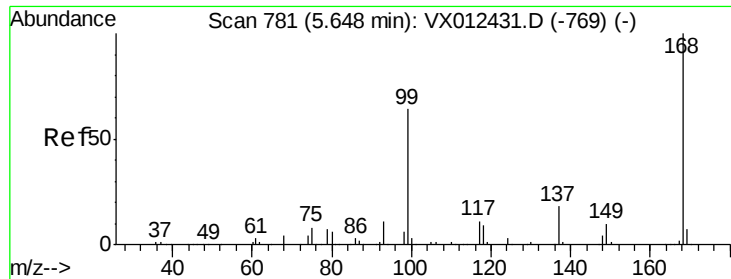
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012570.D

Acq: 20 Sep 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

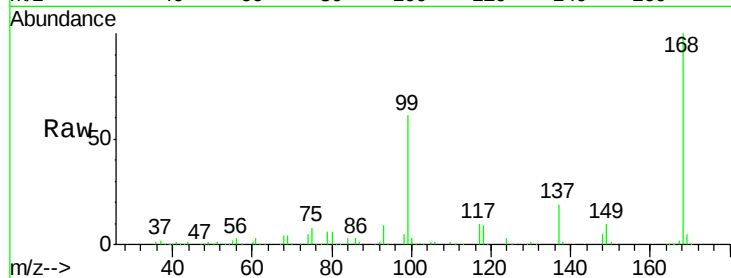
VSTDCCC050EC

Tot Ion:168 Resp: 179447

Ion Ratio Lower Upper

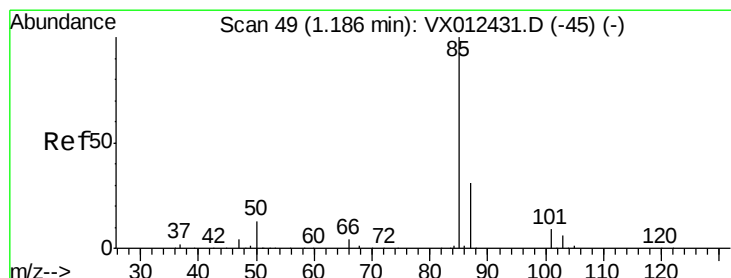
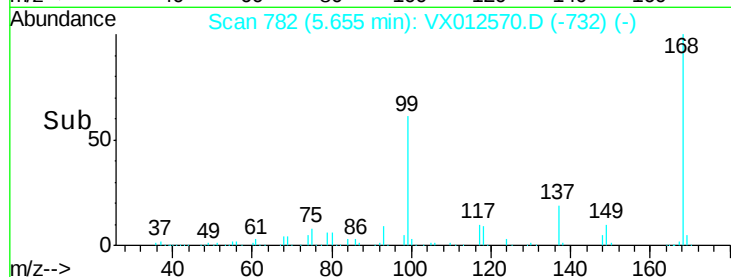
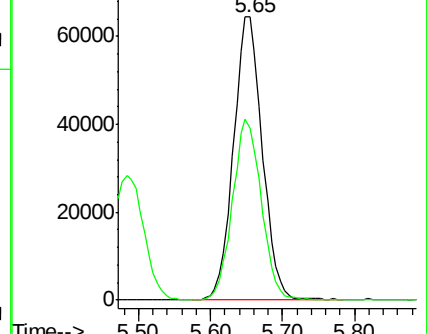
168 100

99 60.5 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 44.824 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX012570.D

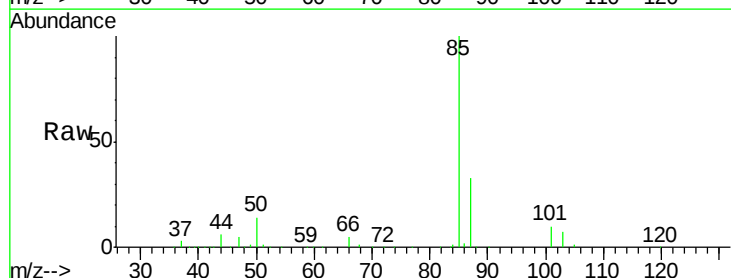
Acq: 20 Sep 2019 20:16

Tgt Ion: 85 Resp: 53616

Ion Ratio Lower Upper

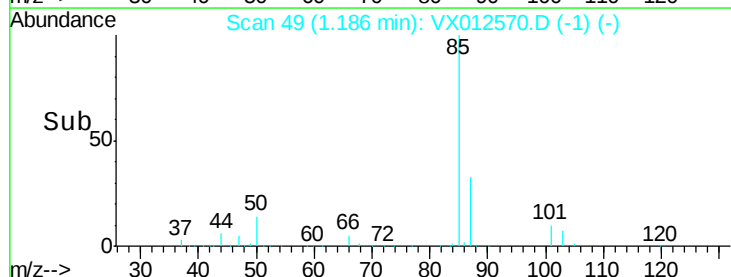
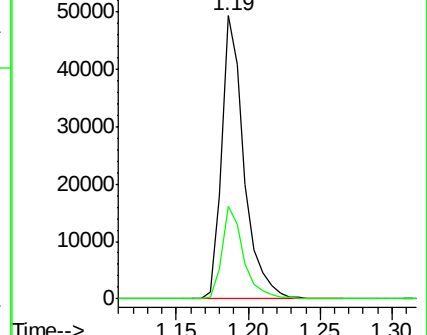
85 100

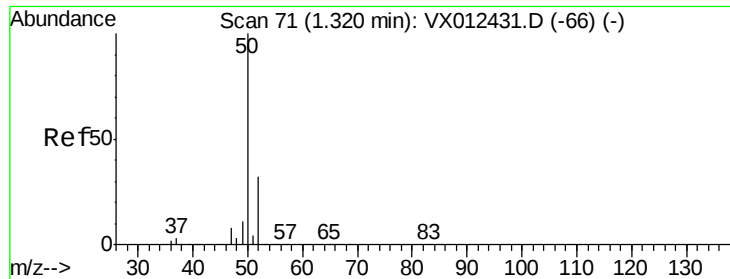
87 32.9 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 48.226 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012570.D

Acq: 20 Sep 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

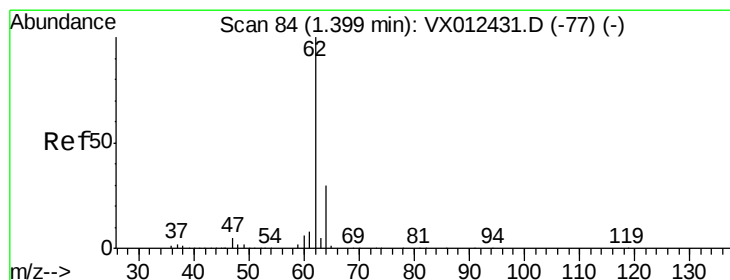
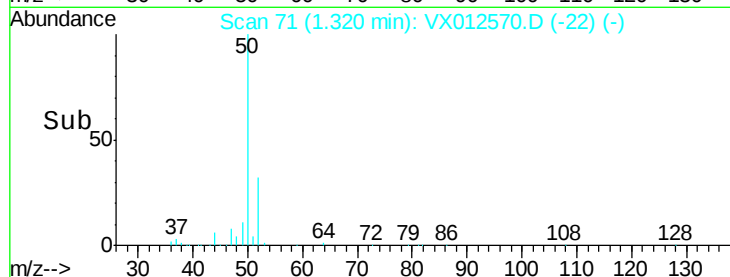
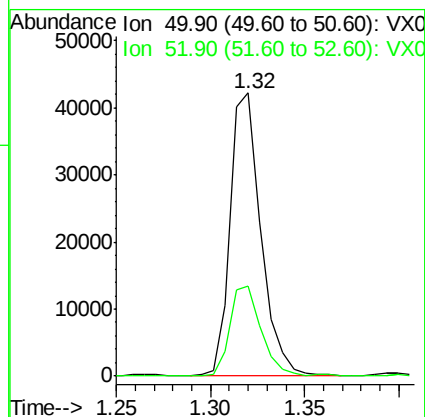
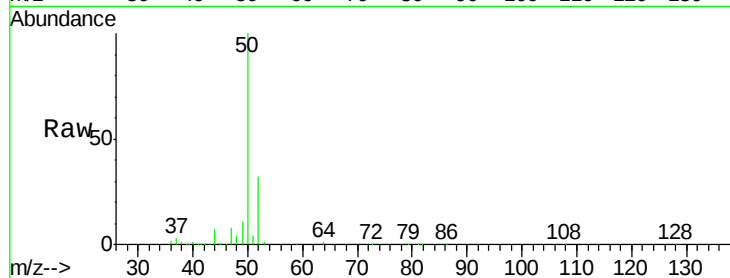
VSTDCCC050EC

Tot Ion: 50 Resp: 47577

Ion Ratio Lower Upper

50 100

52 31.9 25.7 38.5



#4

Vinyl Chloride

Concen: 48.382 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012570.D

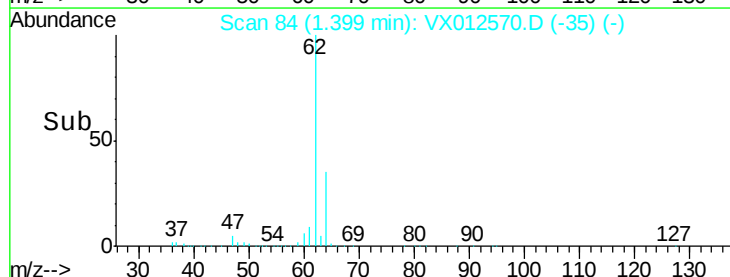
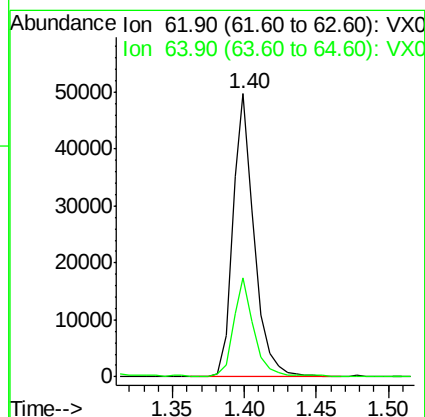
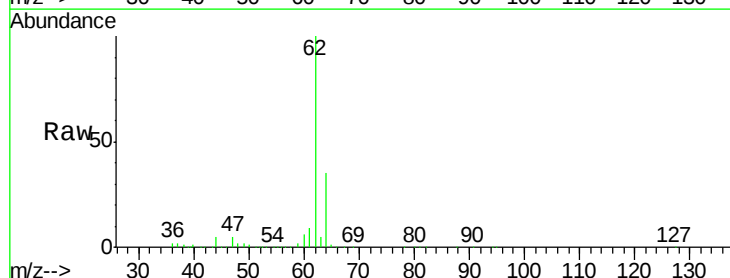
Acq: 20 Sep 2019 20:16

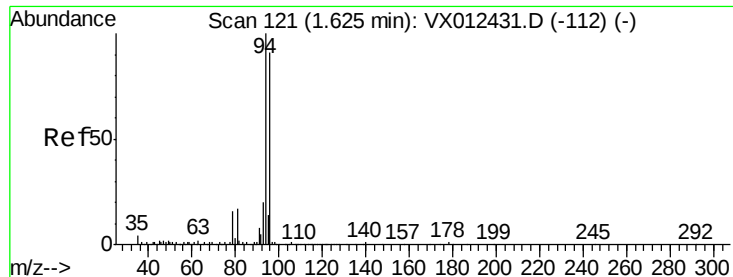
Tgt Ion: 62 Resp: 51589

Ion Ratio Lower Upper

62 100

64 34.7 24.2 36.2





#5

Bromomethane

Concen: 43.770 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX012570.D

Acq: 20 Sep 2019 20:16

Instrument :

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ClientSampleId :

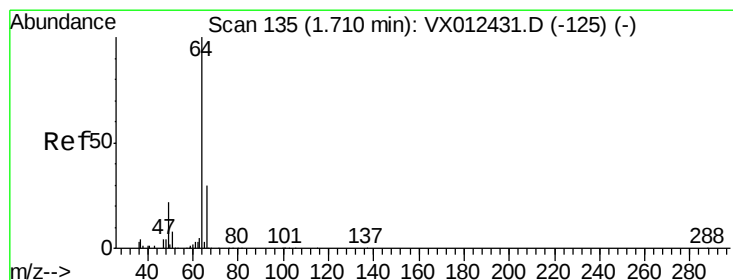
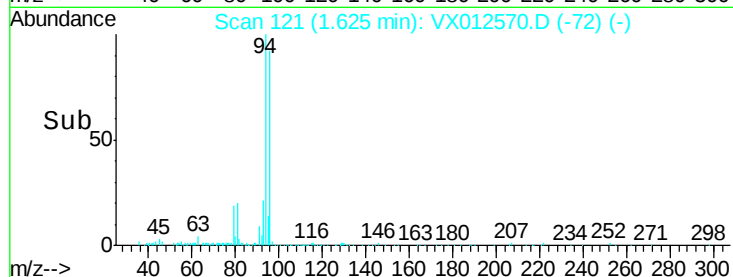
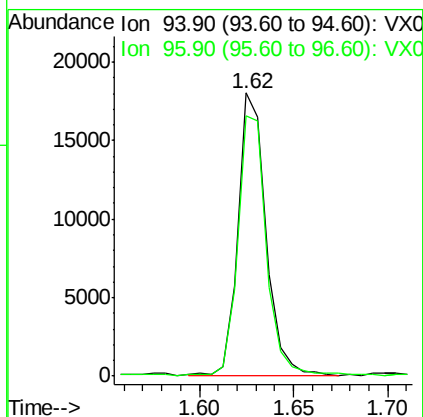
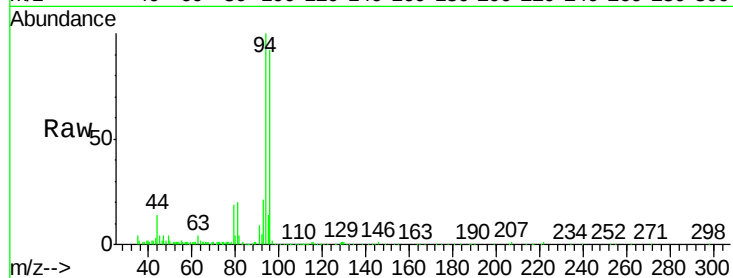
VSTDCCC050EC

Tot Ion: 94 Resp: 18336

Ion Ratio Lower Upper

94 100

96 91.4 72.8 109.2



#6

Chloroethane

Concen: 44.065 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX012570.D

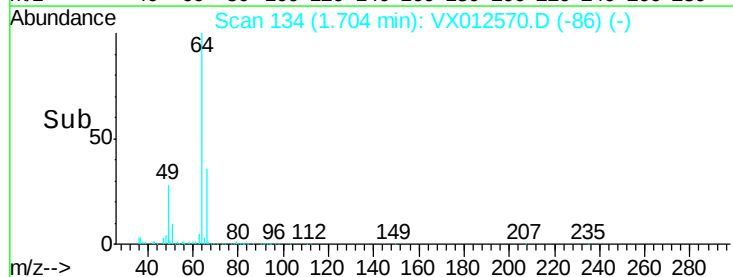
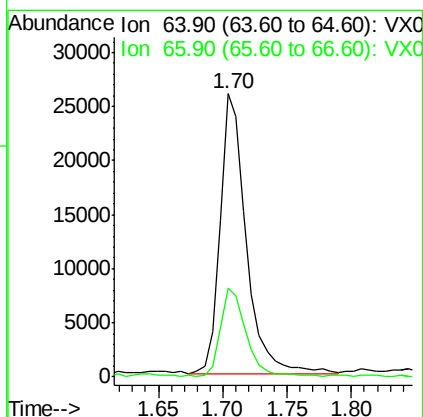
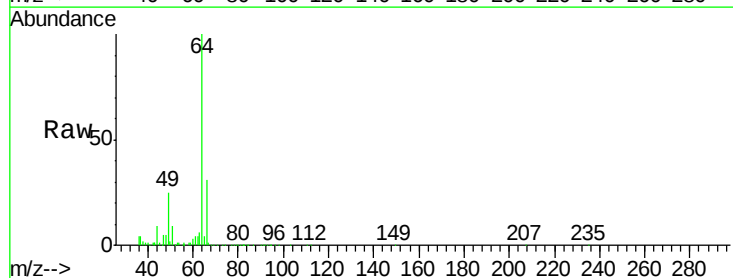
Acq: 20 Sep 2019 20:16

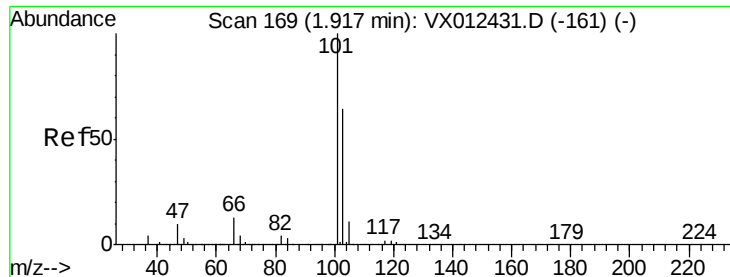
Tgt Ion: 64 Resp: 36768

Ion Ratio Lower Upper

64 100

66 31.2 24.0 36.0



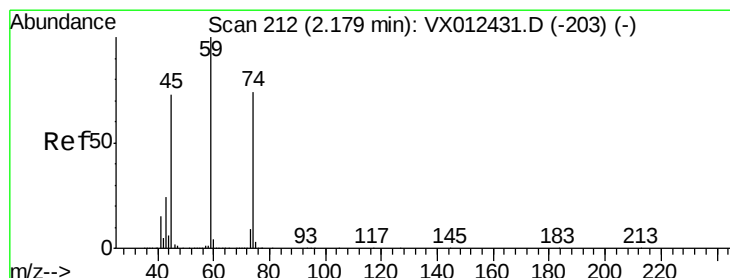
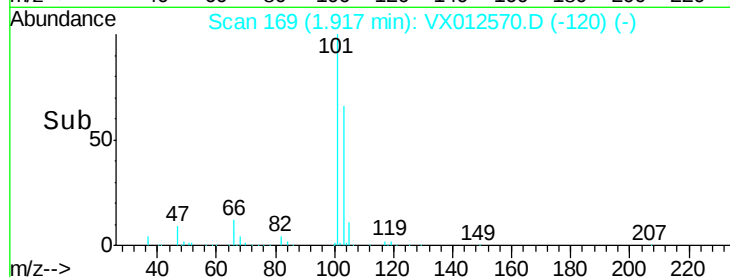
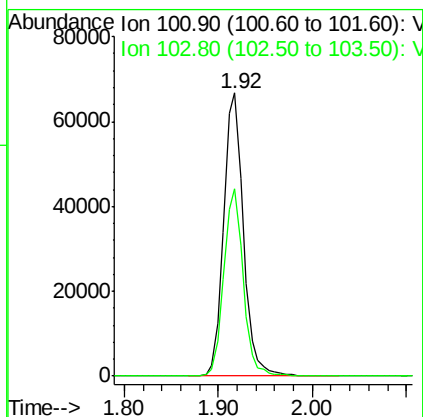
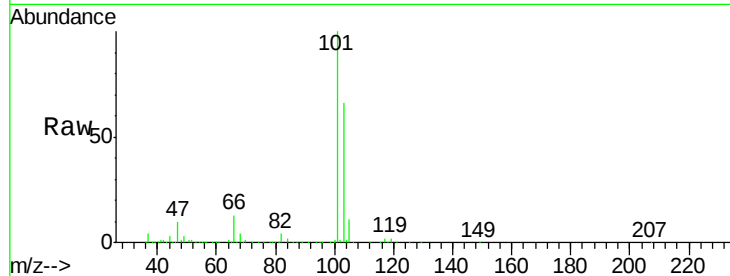


#7

Trichlorofluoromethane
 Concen: 49.719 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX012570.D
 Acq: 20 Sep 2019 20:16

Instrument :
 MSVOA_X
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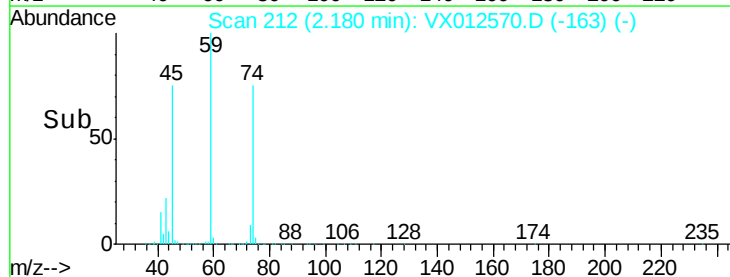
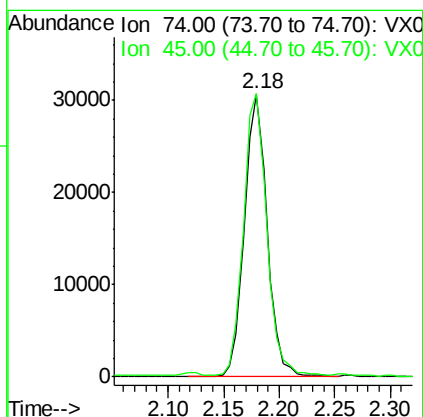
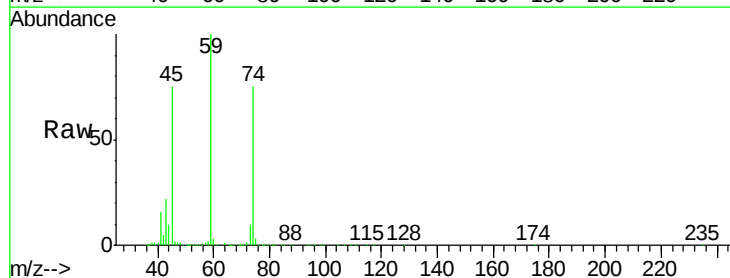
Tot Ion:101 Resp: 97184
 Ion Ratio Lower Upper
 101 100
 103 66.1 51.0 76.4

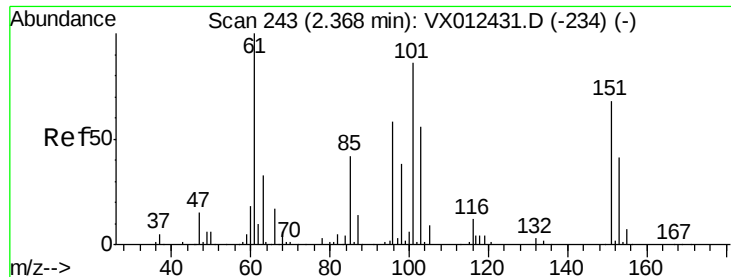


#8

Diethyl Ether
 Concen: 49.377 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX012570.D
 Acq: 20 Sep 2019 20:16

Tgt Ion: 74 Resp: 43593
 Ion Ratio Lower Upper
 74 100
 45 100.9 49.9 149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.698 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX012570.D

Acq: 20 Sep 2019 20:16

Instrument :

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VSTDCCC050EC

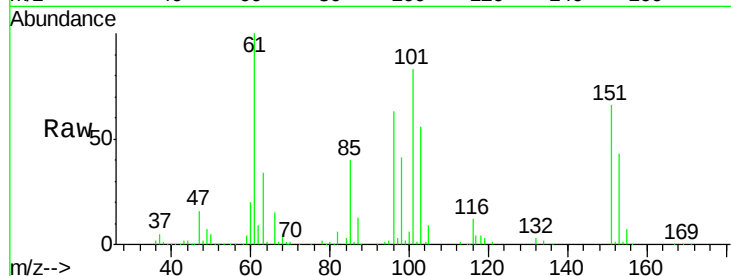
Tot Ion:101 Resp: 68871

Ion Ratio Lower Upper

101 100

85 45.2 37.3 55.9

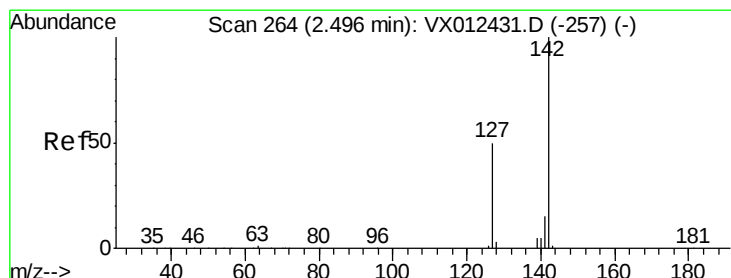
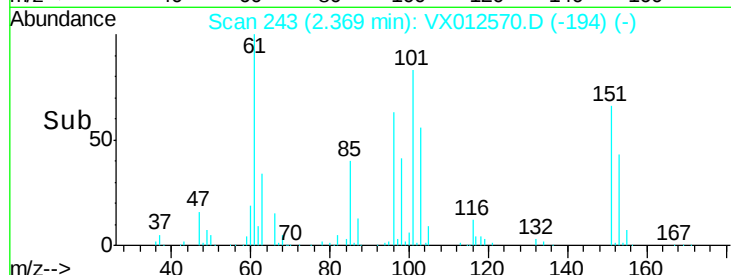
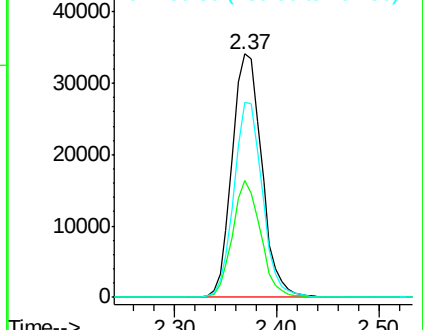
151 76.5 61.0 91.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.409 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX012570.D

Acq: 20 Sep 2019 20:16

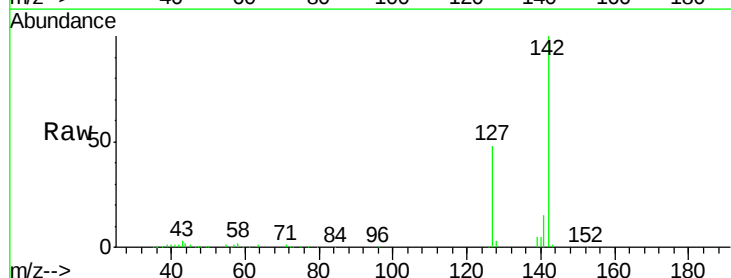
Tgt Ion:142 Resp: 57230

Ion Ratio Lower Upper

142 100

127 48.8 40.8 61.2

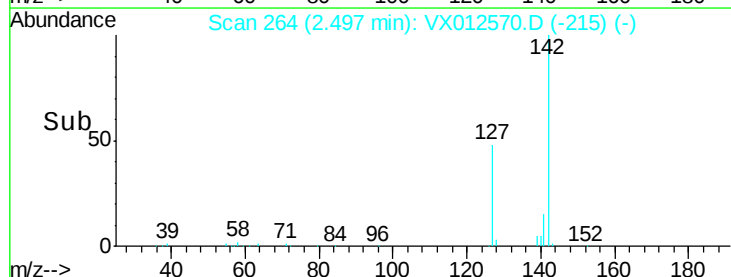
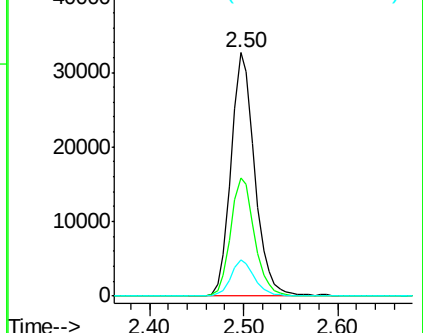
141 14.7 12.1 18.1

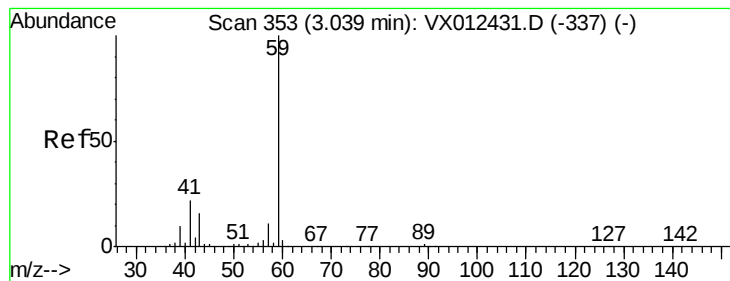


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



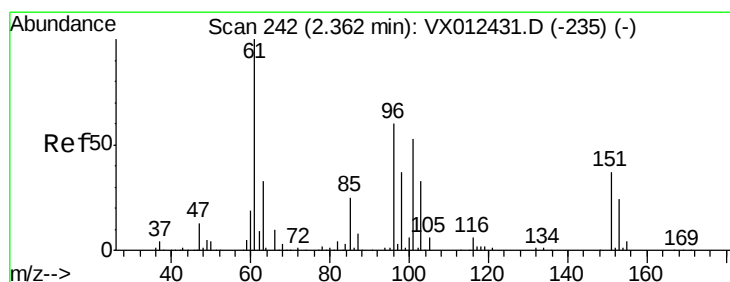
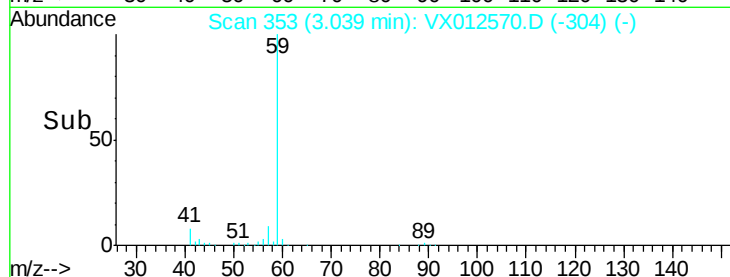
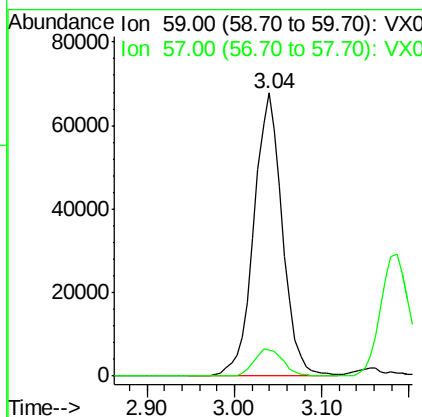
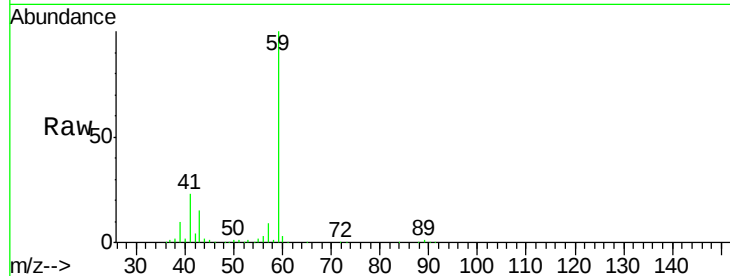


#11

Tert butyl alcohol
 Concen: 236.218 ug/l
 RT: 3.04 min Scan# 353
 Delta R.T. 0.00 min
 Lab File: VX012570.D
 Acq: 20 Sep 2019 20:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

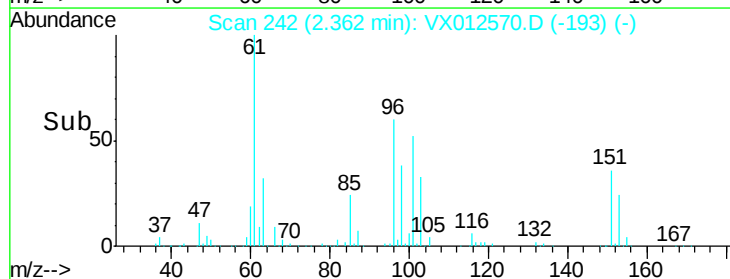
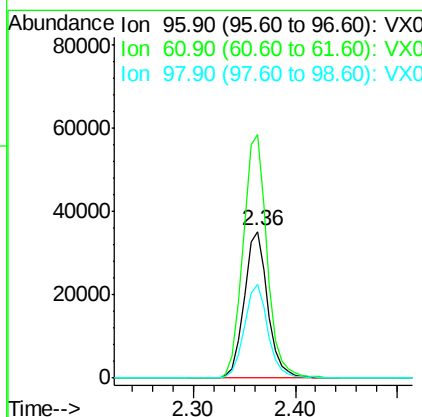
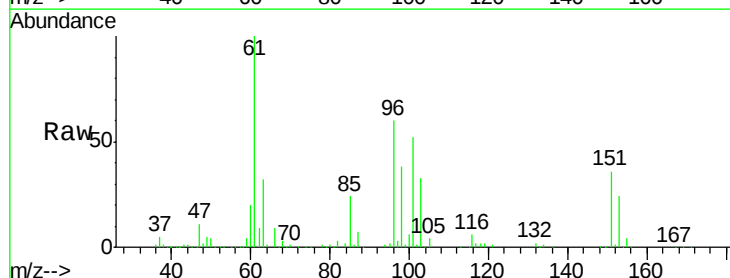
Tot Ion: 59 Resp: 154272
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.3 12.5

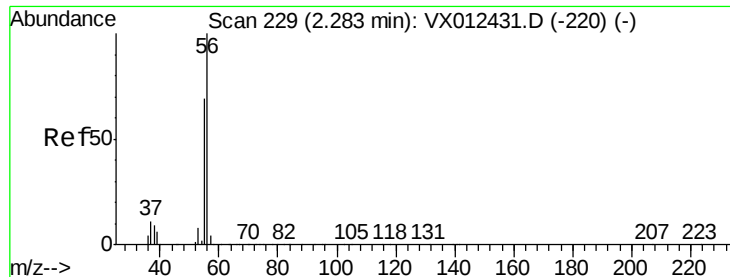


#12

1,1-Dichloroethene
 Concen: 49.729 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. 0.00 min
 Lab File: VX012570.D
 Acq: 20 Sep 2019 20:16

Tgt Ion: 96 Resp: 56104
 Ion Ratio Lower Upper
 96 100
 61 165.8 133.8 200.6
 98 63.7 49.9 74.9





#13

Acrolein

Concen: 231.838 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX012570.D

Acq: 20 Sep 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

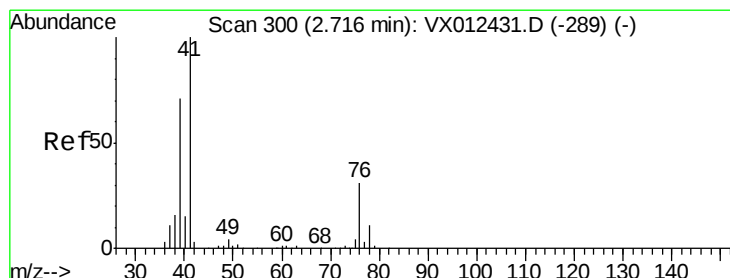
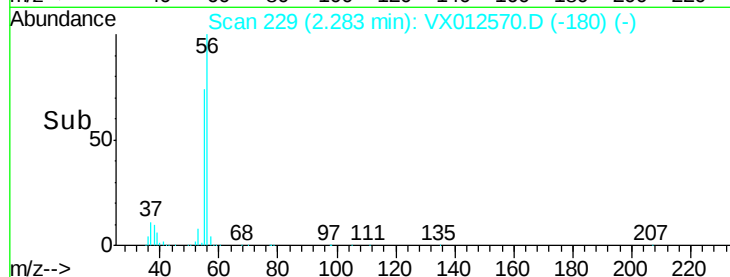
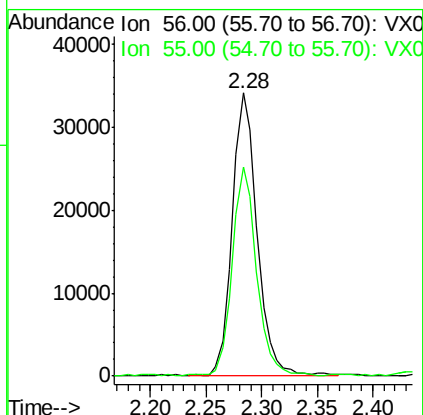
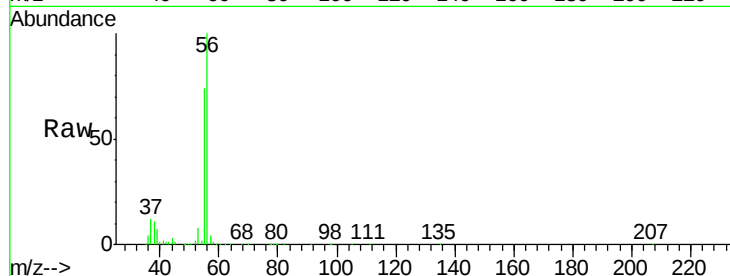
VSTDCCC050EC

Tot Ion: 56 Resp: 52384

Ion Ratio Lower Upper

56 100

55 72.2 55.8 83.8



#14

Allyl chloride

Concen: 49.419 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX012570.D

Acq: 20 Sep 2019 20:16

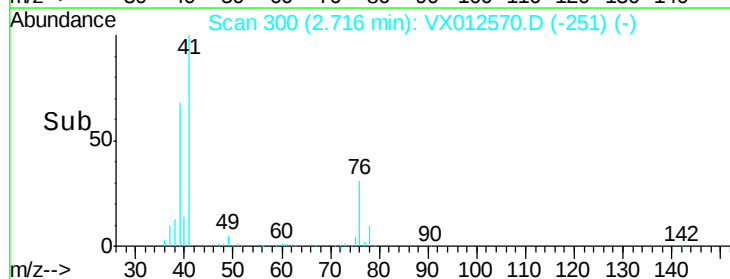
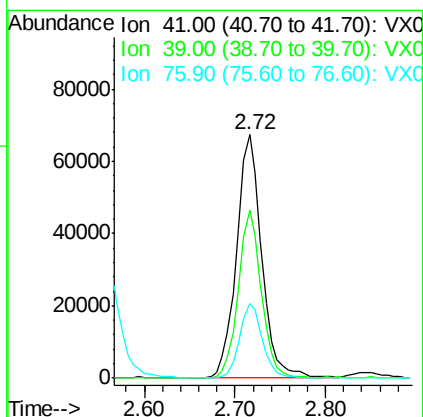
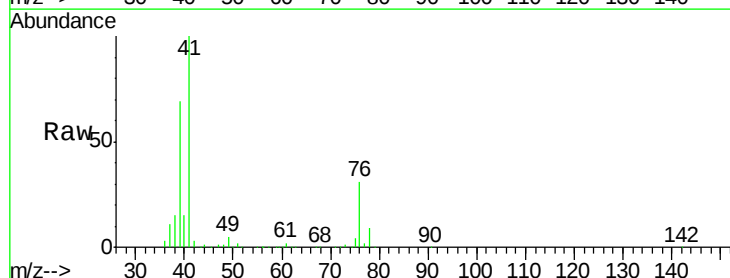
Tgt Ion: 41 Resp: 129804

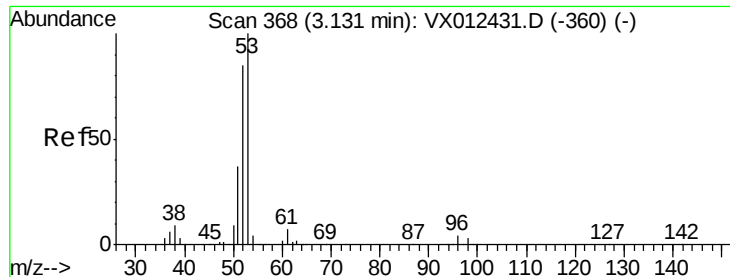
Ion Ratio Lower Upper

41 100

39 62.9 51.3 76.9

76 27.8 22.6 33.8





#15

Acrylonitrile

Concen: 256.403 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX012570.D

Acq: 20 Sep 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

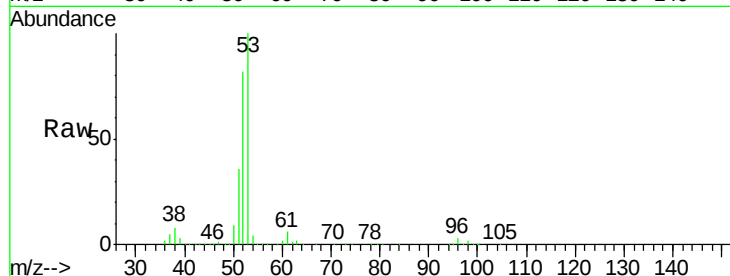
Tot Ion: 53 Resp: 285754

Ion Ratio Lower Upper

53 100

52 83.2 67.0 100.4

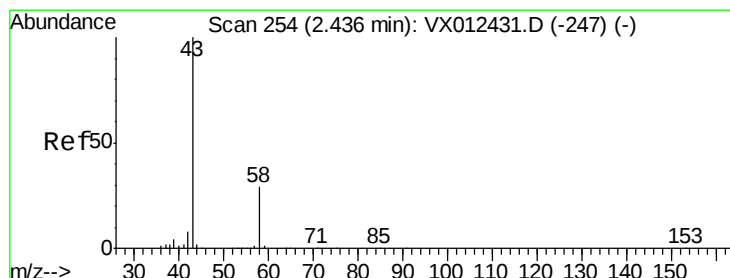
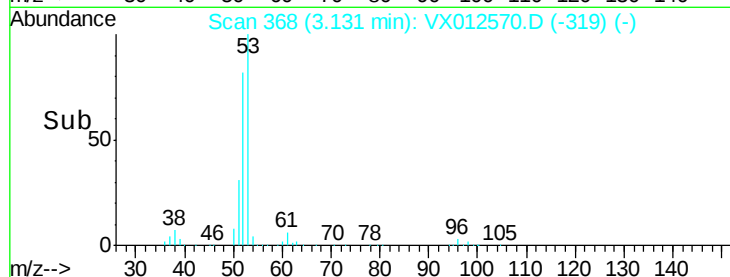
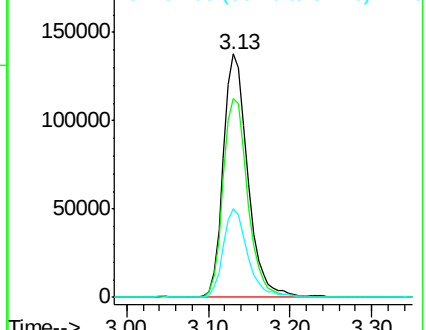
51 36.5 29.6 44.4



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 224.732 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX012570.D

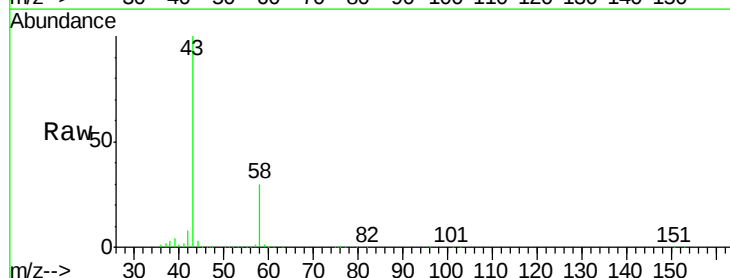
Acq: 20 Sep 2019 20:16

Tgt Ion: 43 Resp: 265035

Ion Ratio Lower Upper

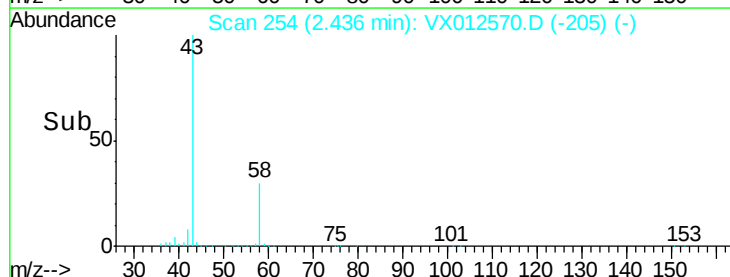
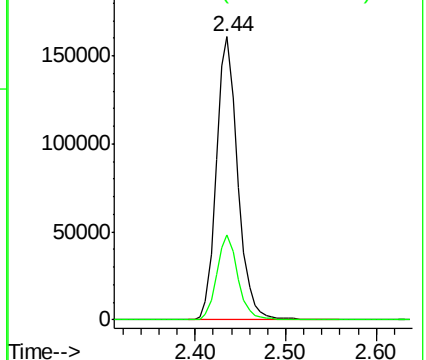
43 100

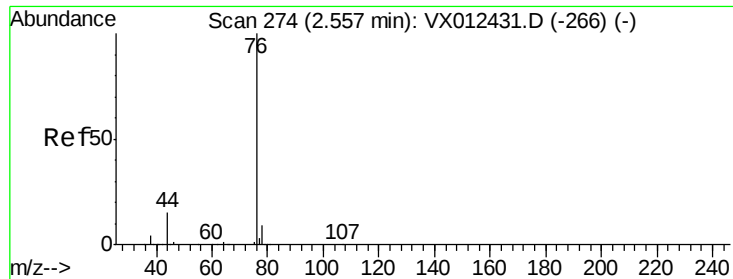
58 30.0 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

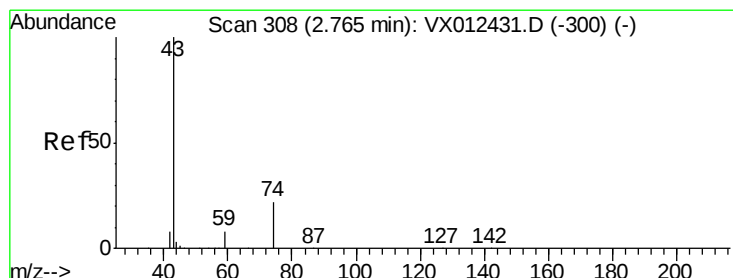
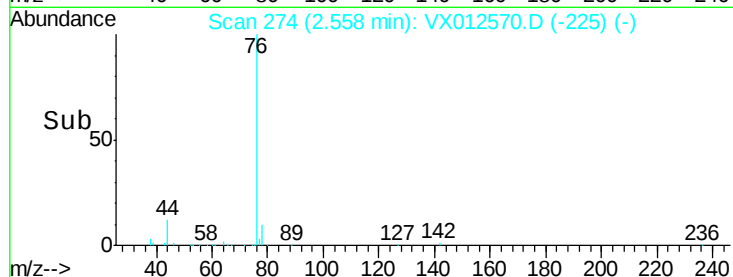
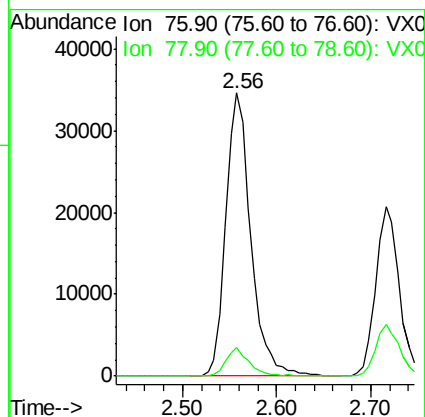
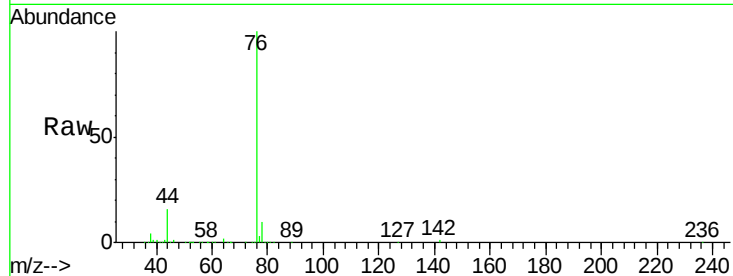




#17
Carbon Disulfide
Concen: 40.346 ug/l
RT: 2.56 min Scan# 274
Delta R.T. 0.00 min
Lab File: VX012570.D
Acq: 20 Sep 2019 20:16

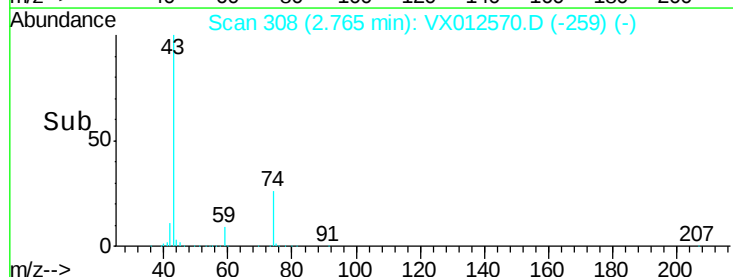
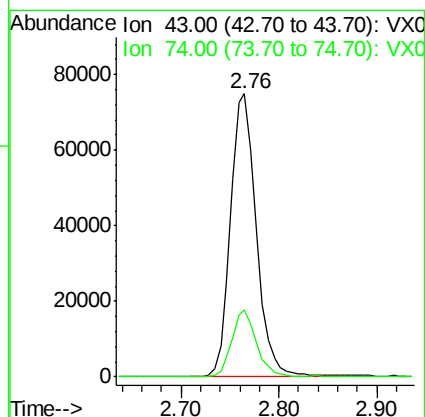
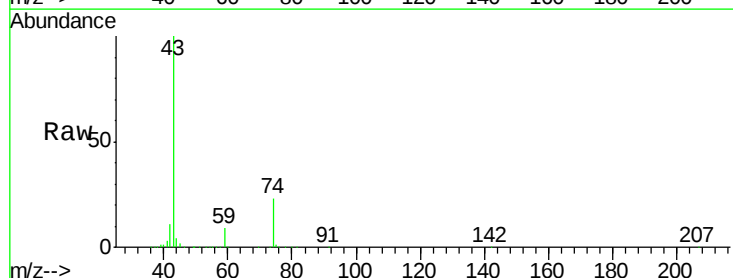
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

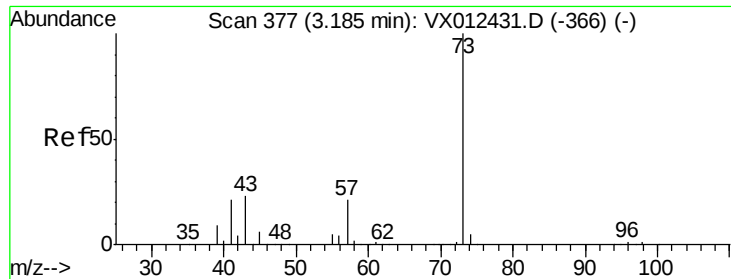
Tot Ion: 76 Resp: 63796
Ion Ratio Lower Upper
76 100
78 10.0 7.3 10.9



#18
Methyl Acetate
Concen: 50.705 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX012570.D
Acq: 20 Sep 2019 20:16

Tgt Ion: 43 Resp: 135887
Ion Ratio Lower Upper
43 100
74 23.0 17.7 26.5

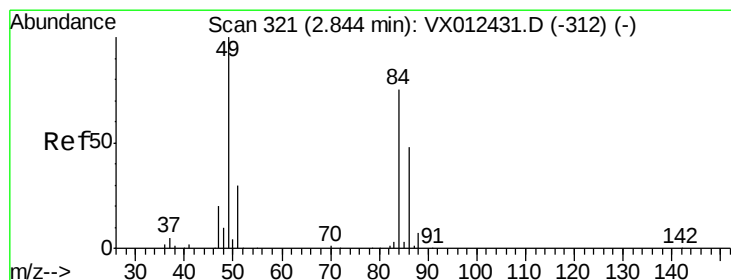
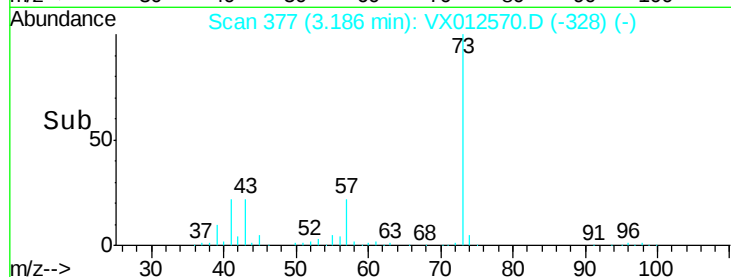
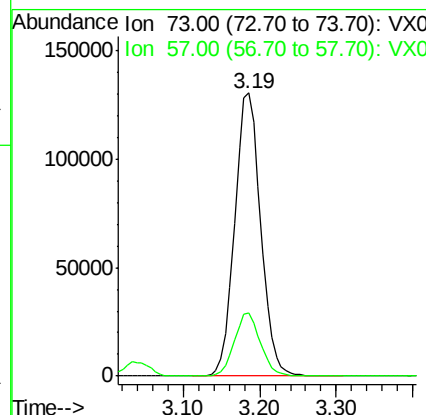
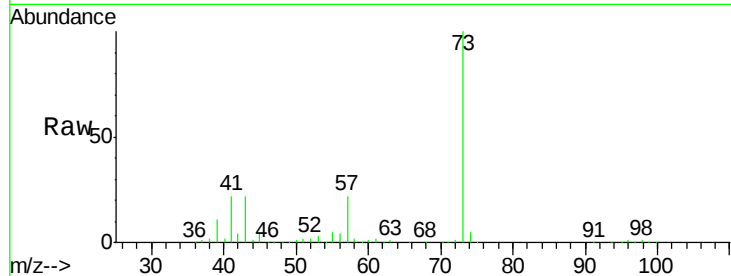




#19
Methyl tert-butyl Ether
Concen: 49.788 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX012570.D
Acq: 20 Sep 2019 20:16

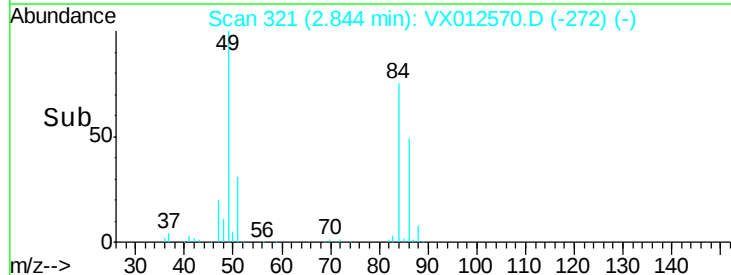
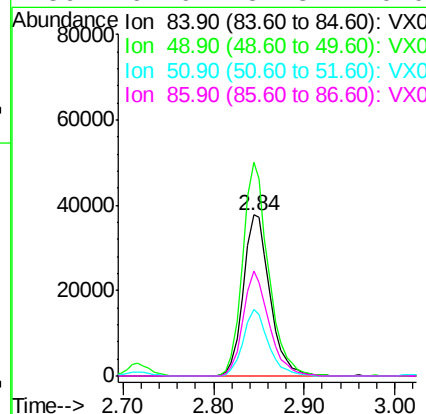
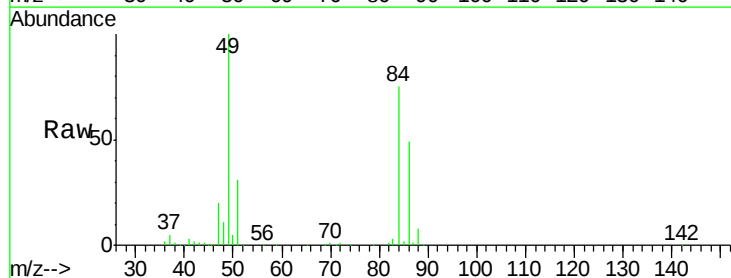
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

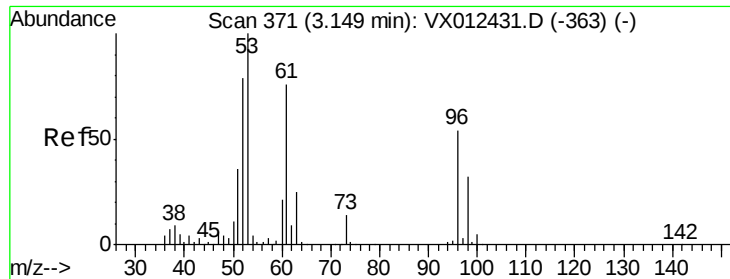
Tot Ion: 73 Resp: 306261
Ion Ratio Lower Upper
73 100
57 22.3 16.8 25.2



#20
Methylene Chloride
Concen: 49.132 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012570.D
Acq: 20 Sep 2019 20:16

Tgt Ion: 84 Resp: 76472
Ion Ratio Lower Upper
84 100
49 132.5 106.8 160.2
51 40.9 32.3 48.5
86 64.9 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 49.437 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012570.D

Acq: 20 Sep 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

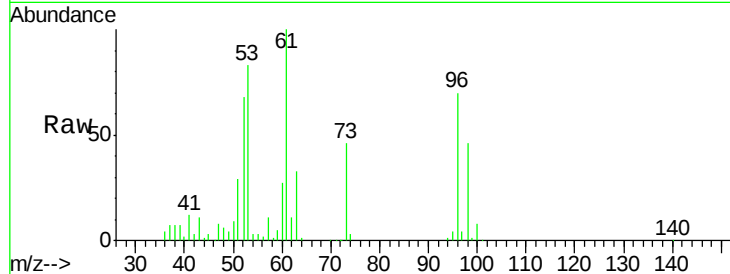
Tot Ion: 96 Resp: 57918

Ion Ratio Lower Upper

96 100

61 143.5 112.0 168.0

98 65.6 47.8 71.8

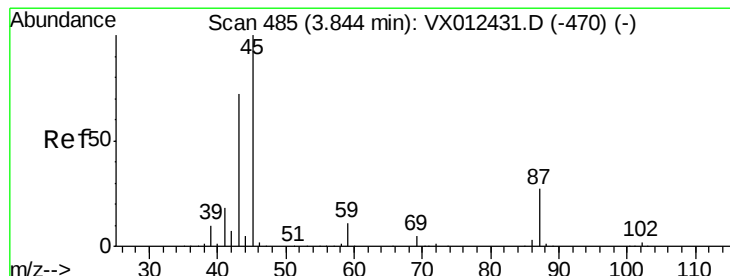
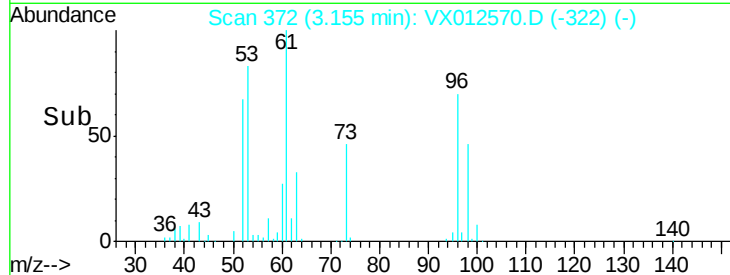
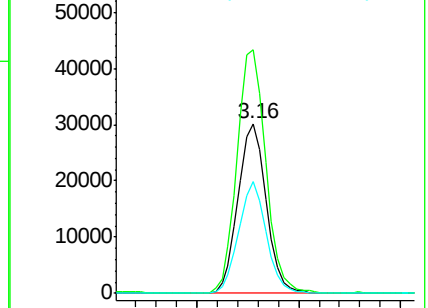


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 50.108 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX012570.D

Acq: 20 Sep 2019 20:16

Tgt Ion: 45 Resp: 308161

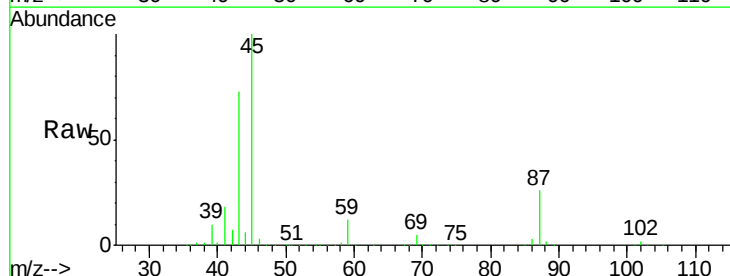
Ion Ratio Lower Upper

45 100

43 72.9 57.8 86.8

87 26.3 21.3 31.9

59 12.3 8.5 12.7



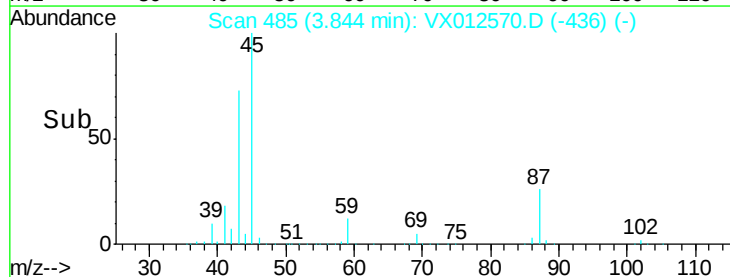
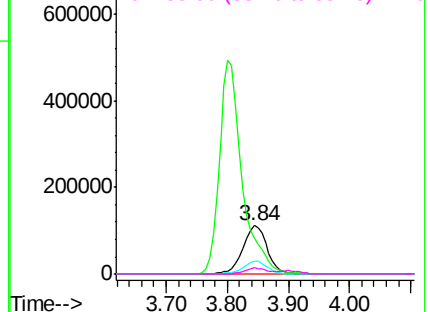
Abundance

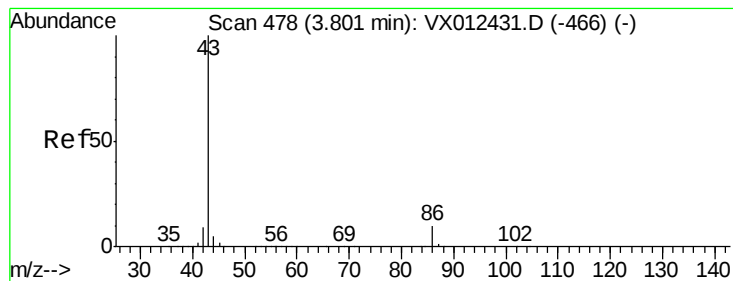
Ion 45.00 (44.70 to 45.70): VX0

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: 254.042 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012570.D

Acq: 20 Sep 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

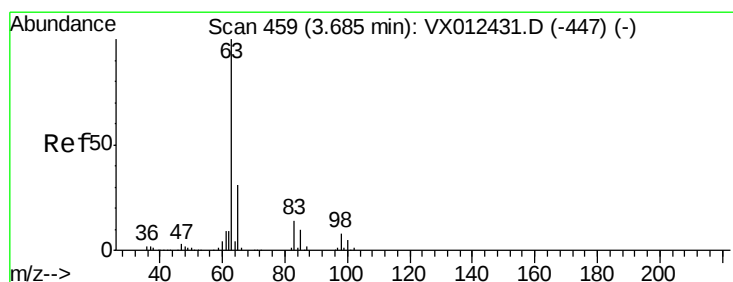
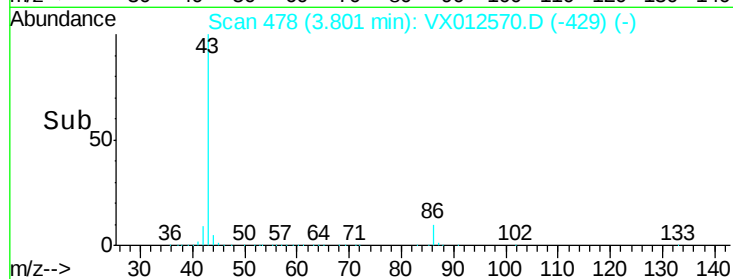
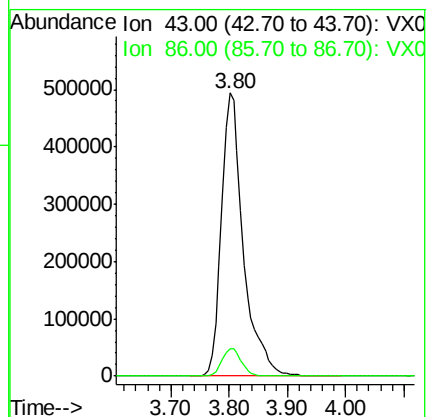
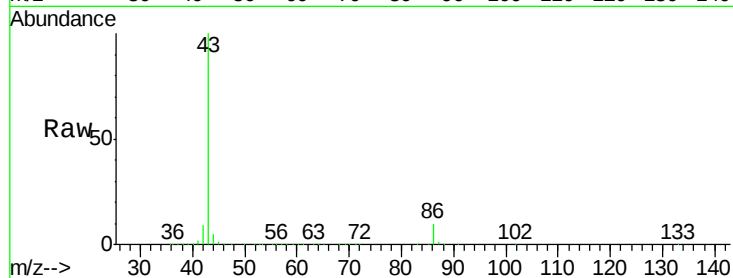
VSTDCCC050EC

Tot Ion: 43 Resp: 1285202

Ion Ratio Lower Upper

43 100

86 9.8 7.8 11.8



#24

1,1-Dichloroethane

Concen: 50.919 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012570.D

Acq: 20 Sep 2019 20:16

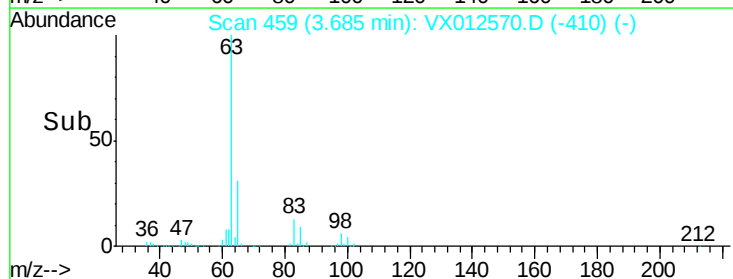
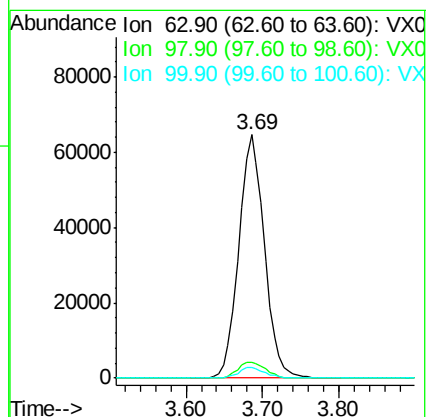
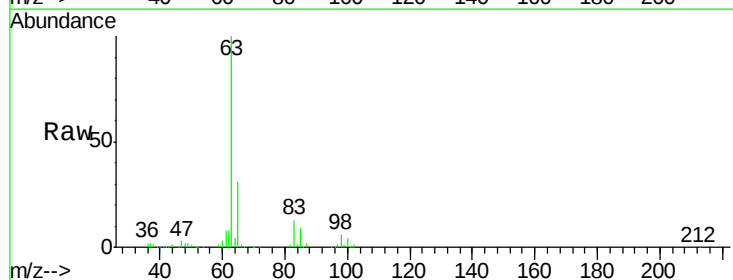
Tgt Ion: 63 Resp: 149832

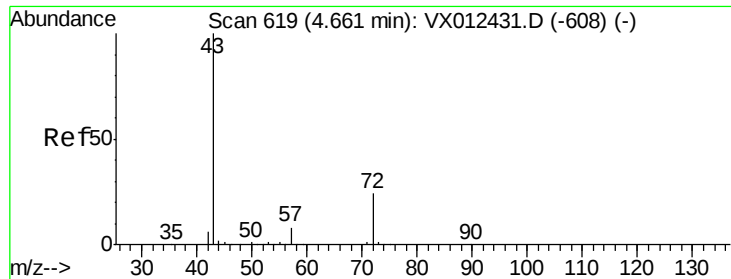
Ion Ratio Lower Upper

63 100

98 6.4 3.9 11.7

100 4.4 2.3 6.9





#25

2-Butanone

Concen: 234.829 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX012570.D

Acq: 20 Sep 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

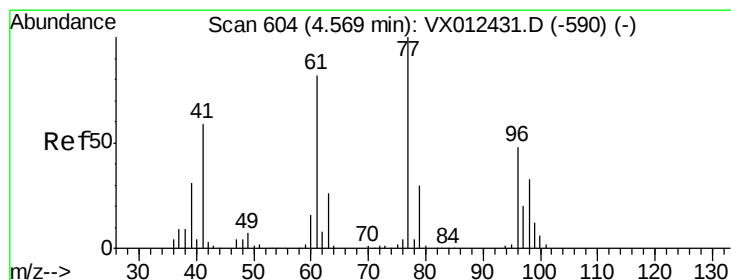
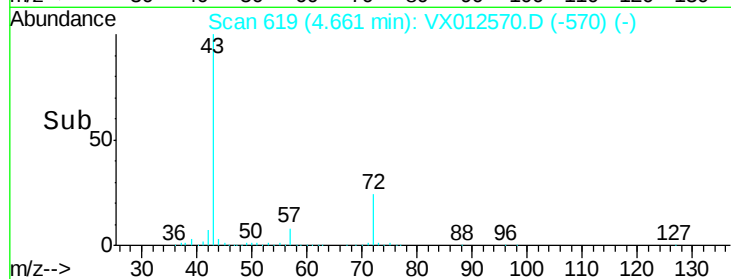
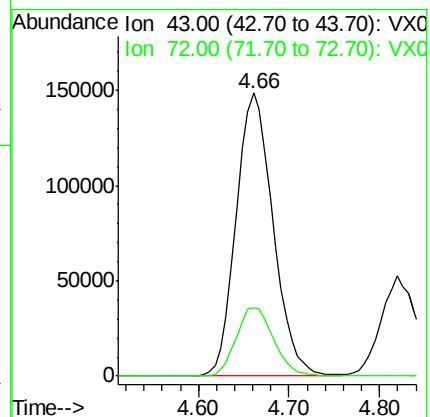
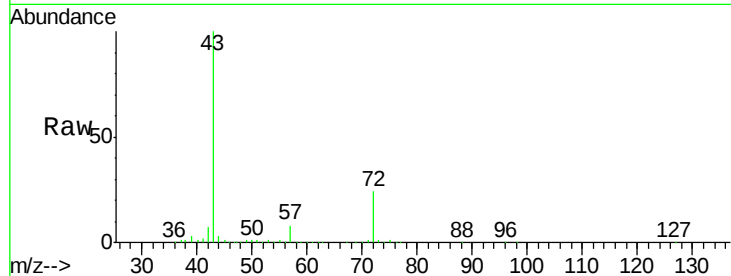
VSTDCCC050EC

Tot Ion: 43 Resp: 418932

Ion Ratio Lower Upper

43 100

72 24.0 19.2 28.8



#26

2,2-Dichloropropane

Concen: 42.712 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX012570.D

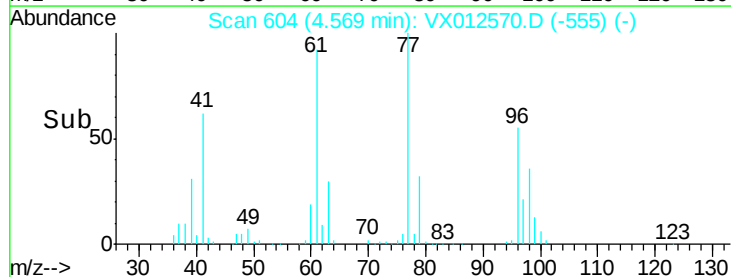
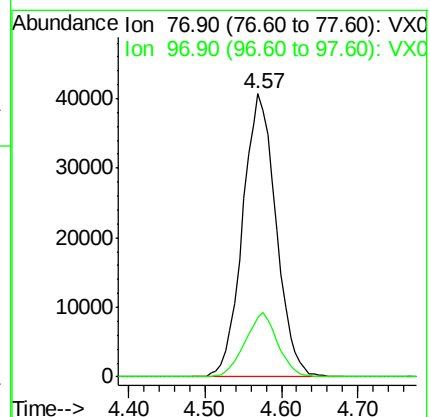
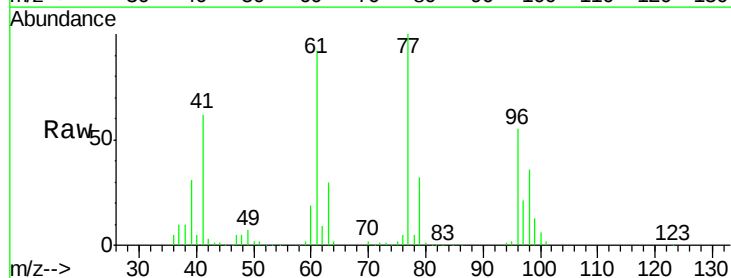
Acq: 20 Sep 2019 20:16

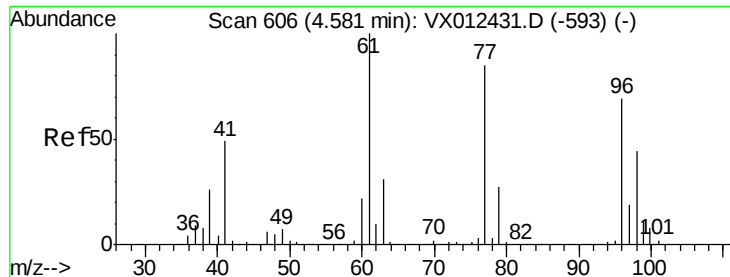
Tgt Ion: 77 Resp: 123606

Ion Ratio Lower Upper

77 100

97 22.1 10.5 31.6



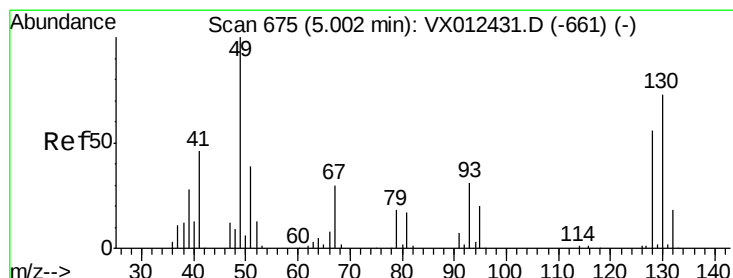
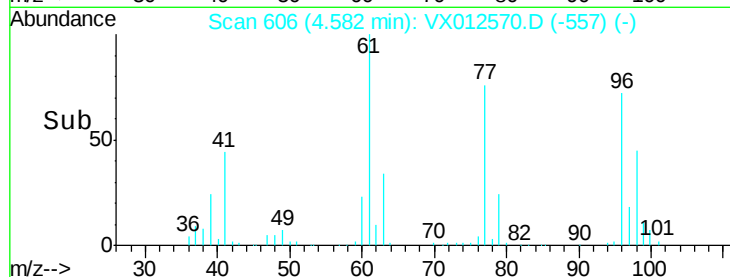
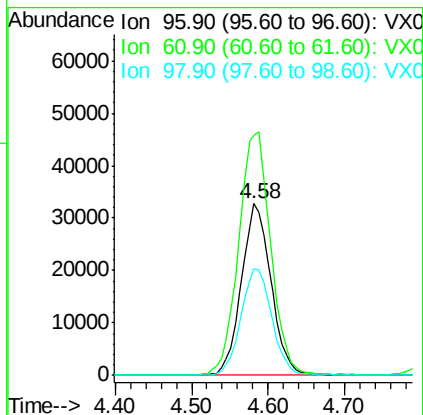
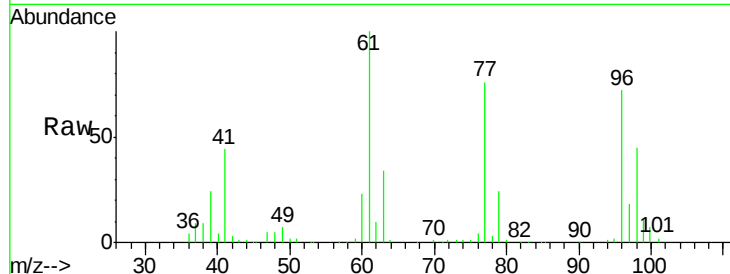


#27

cis-1,2-Dichloroethene
Concen: 50.259 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX012570.D
Acq: 20 Sep 2019 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

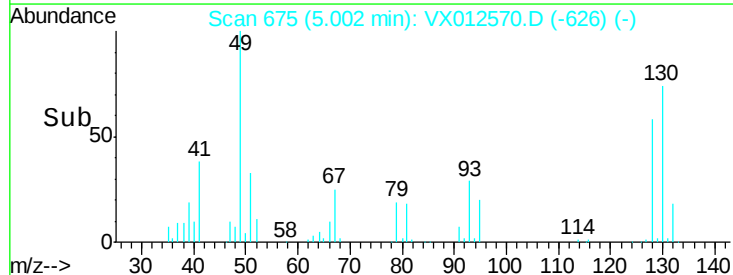
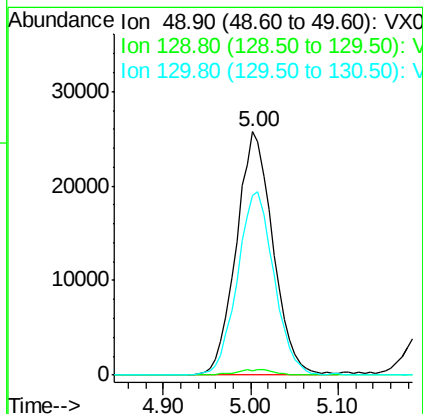
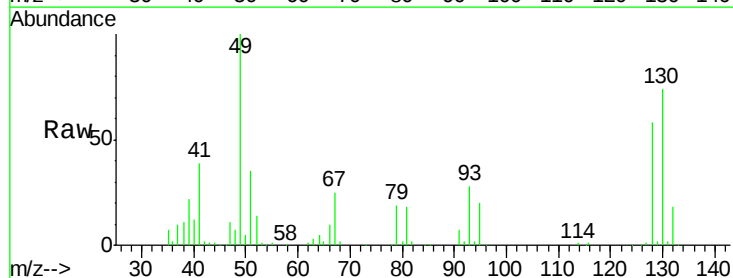
Tot Ion: 96 Resp: 87958
Ion Ratio Lower Upper
96 100
61 153.5 0.0 319.4
98 64.9 0.0 130.6

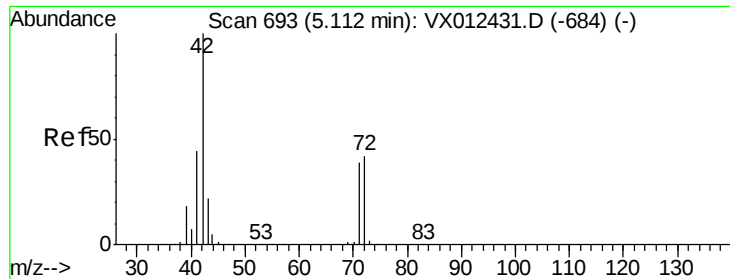


#28

Bromochloromethane
Concen: 49.441 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX012570.D
Acq: 20 Sep 2019 20:16

Tgt Ion: 49 Resp: 75002
Ion Ratio Lower Upper
49 100
129 2.2 0.0 3.8
130 75.2 58.2 87.4

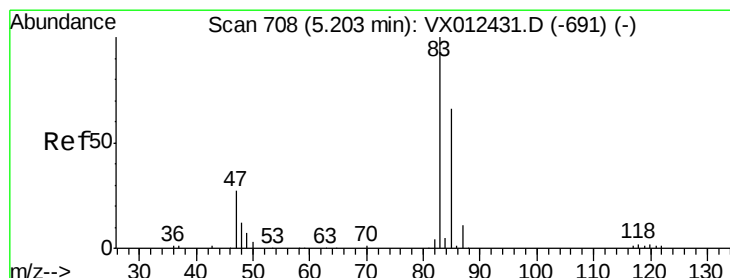
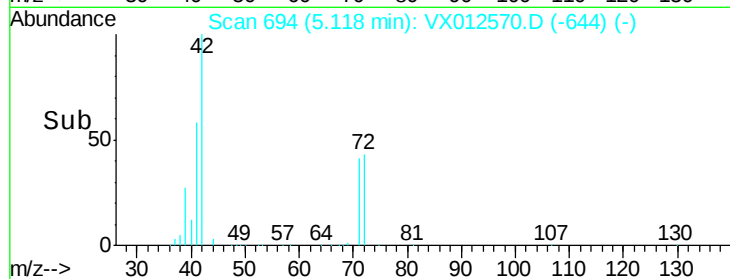
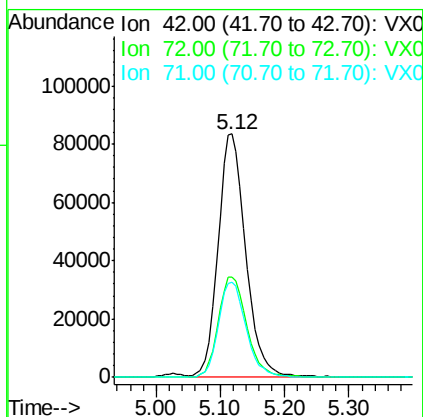
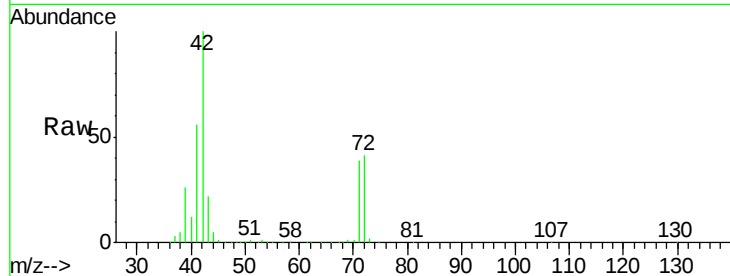




#29
Tetrahydrofuran
Concen: 255.015 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX012570.D
Acq: 20 Sep 2019 20:16

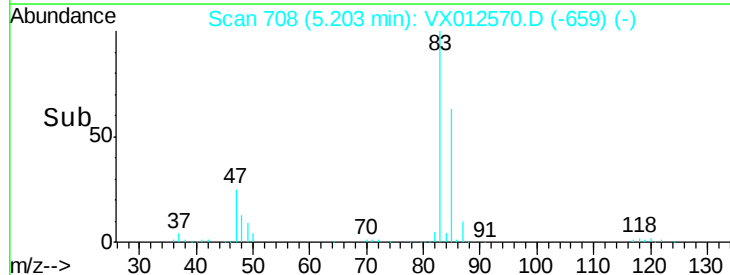
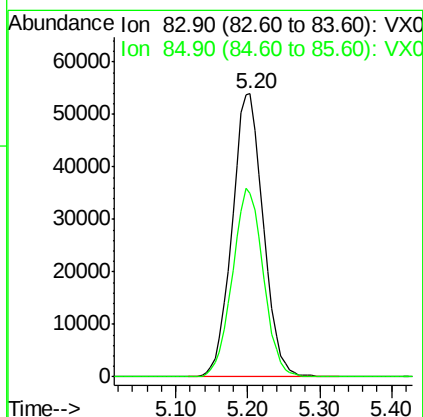
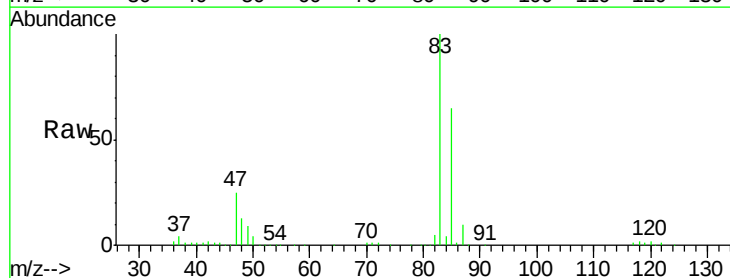
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

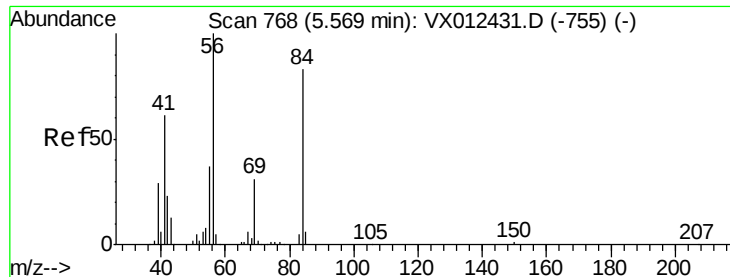
Tot Ion: 42 Resp: 251328
Ion Ratio Lower Upper
42 100
72 43.0 34.0 51.0
71 39.6 31.5 47.3



#30
Chloroform
Concen: 47.974 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.00 min
Lab File: VX012570.D
Acq: 20 Sep 2019 20:16

Tgt Ion: 83 Resp: 162123
Ion Ratio Lower Upper
83 100
85 64.7 53.0 79.4

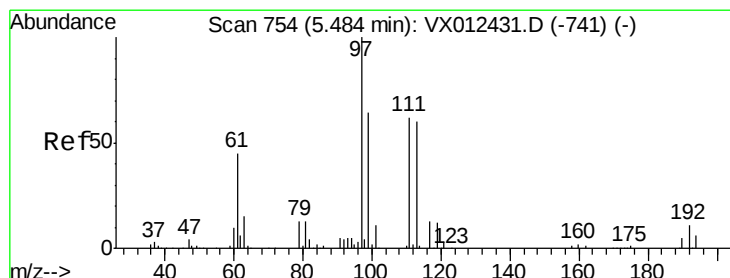
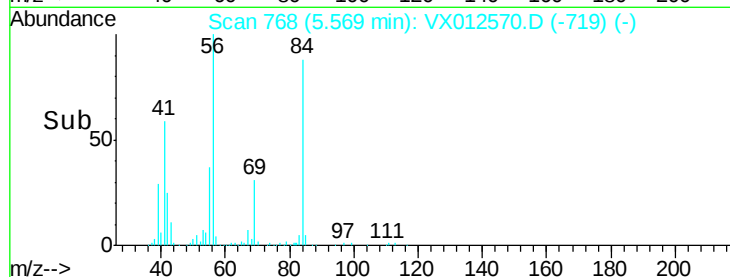
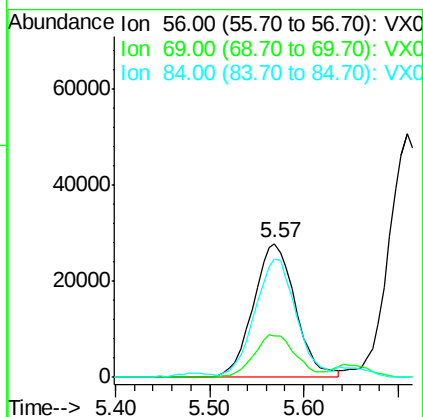
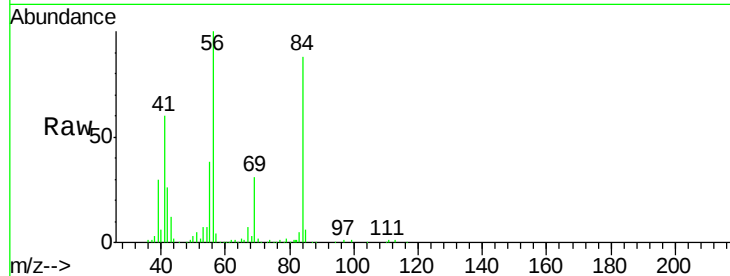




#31
Cyclohexane
Concen: 48.921 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX012570.D
Acq: 20 Sep 2019 20:16

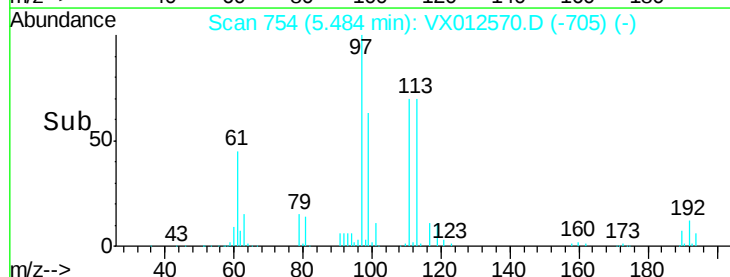
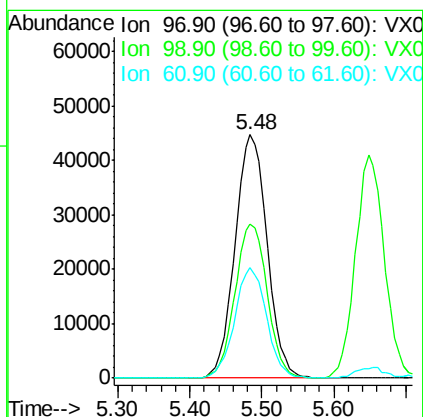
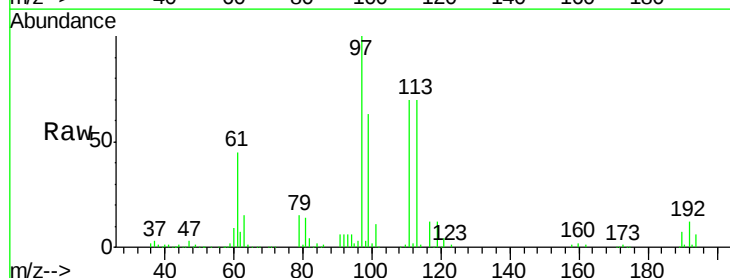
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

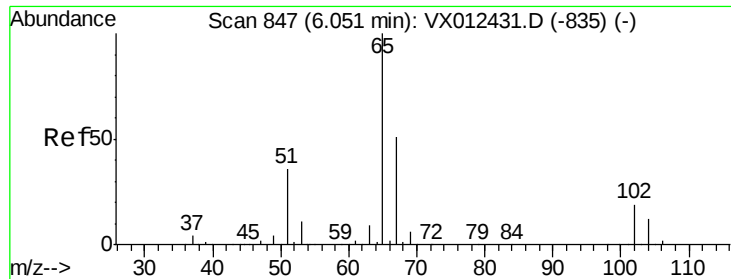
Tot Ion: 56 Resp: 86898
Ion Ratio Lower Upper
56 100
69 31.1 25.0 37.6
84 85.4 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 49.006 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX012570.D
Acq: 20 Sep 2019 20:16

Tgt Ion: 97 Resp: 138416
Ion Ratio Lower Upper
97 100
99 63.6 51.3 76.9
61 45.1 36.1 54.1

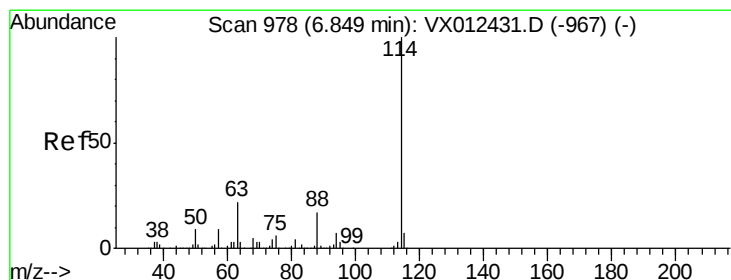
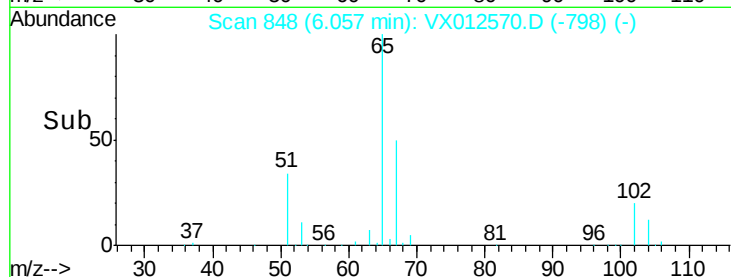
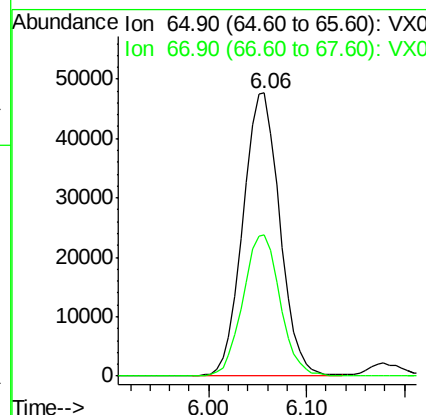
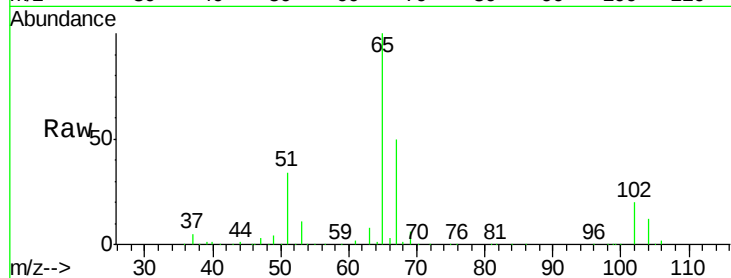




#33
 1,2-Dichloroethane-d4
 Concen: 48.759 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX012570.D
 Acq: 20 Sep 2019 20:16

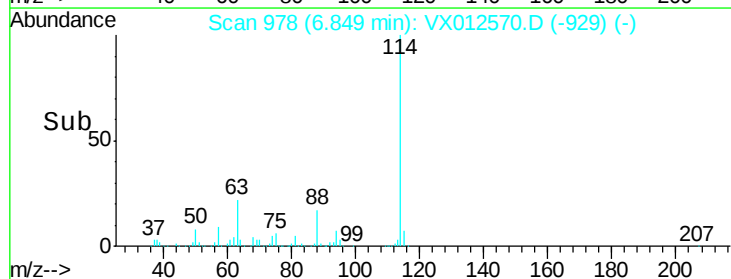
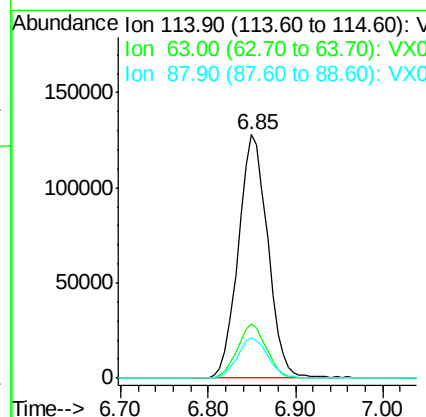
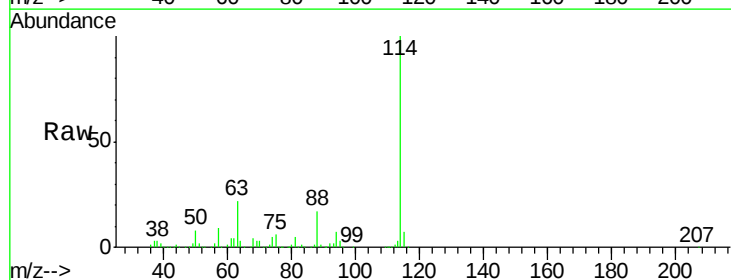
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

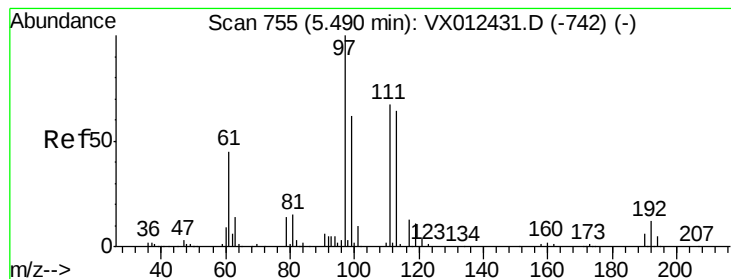
Tot Ion: 65 Resp: 125400
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012570.D
 Acq: 20 Sep 2019 20:16

Tgt Ion: 114 Resp: 299508
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 43.2
 88 16.7 0.0 33.2





#35

Dibromofluoromethane

Concen: 50.433 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012570.D

Acq: 20 Sep 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

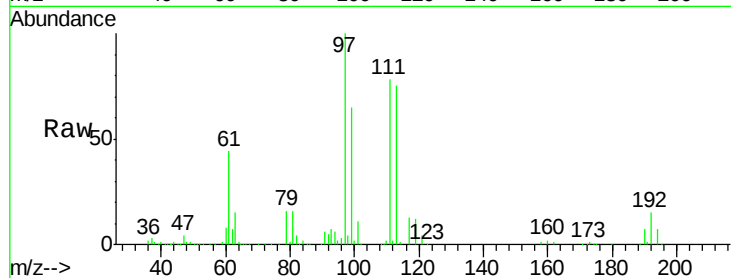
Tot Ion:113 Resp: 91424

Ion Ratio Lower Upper

113 100

111 103.9 83.4 125.2

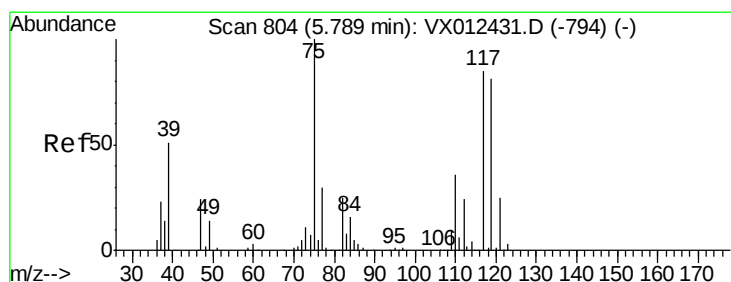
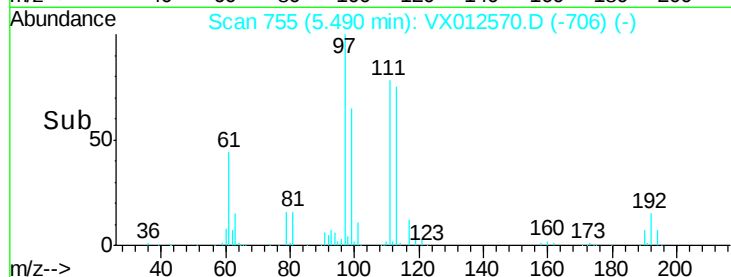
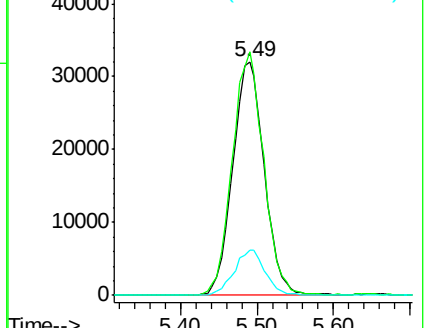
192 18.9 14.4 21.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.820 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX012570.D

Acq: 20 Sep 2019 20:16

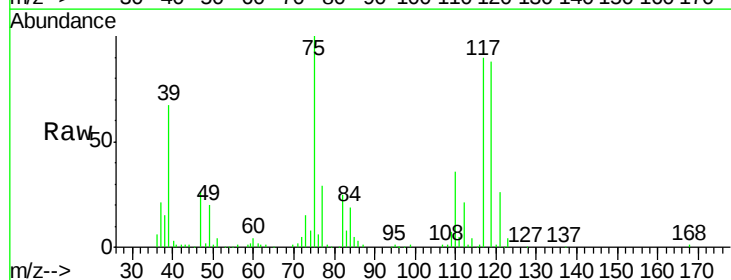
Tgt Ion: 75 Resp: 88866

Ion Ratio Lower Upper

75 100

110 34.7 16.7 50.0

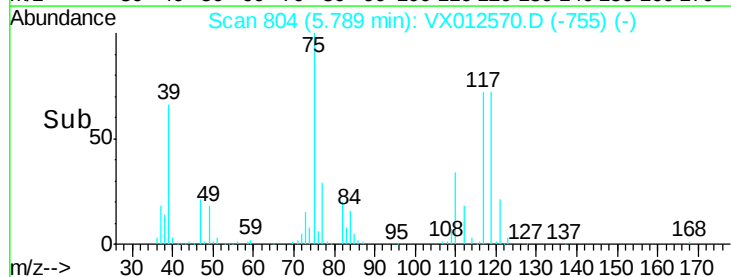
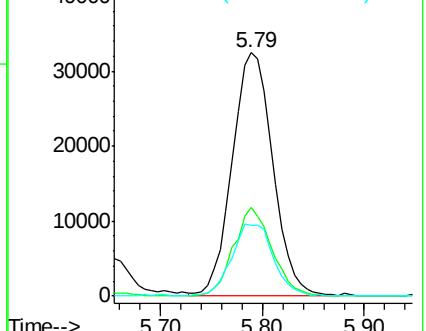
77 31.1 24.2 36.2

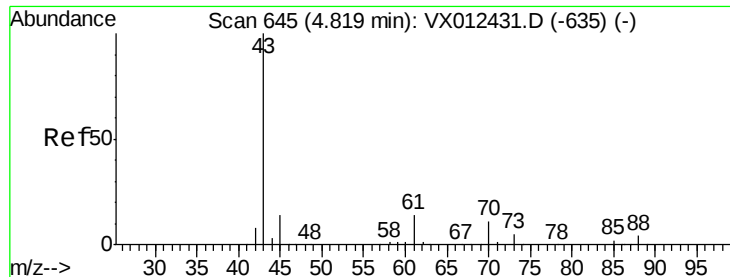


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

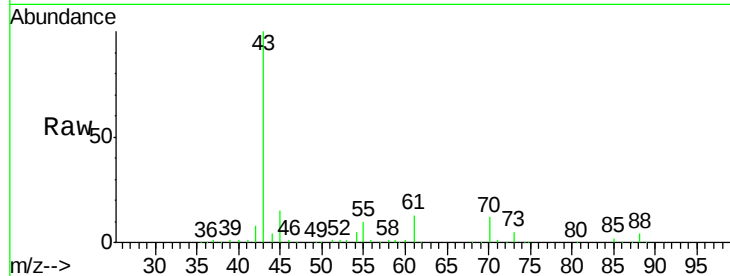




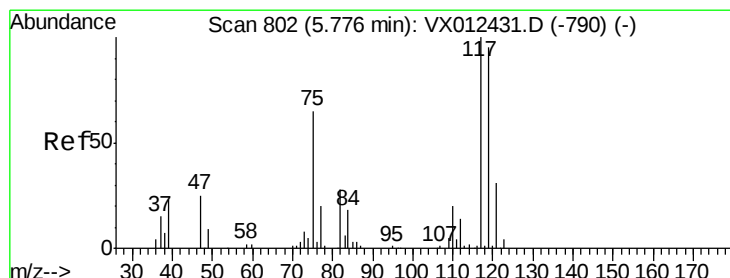
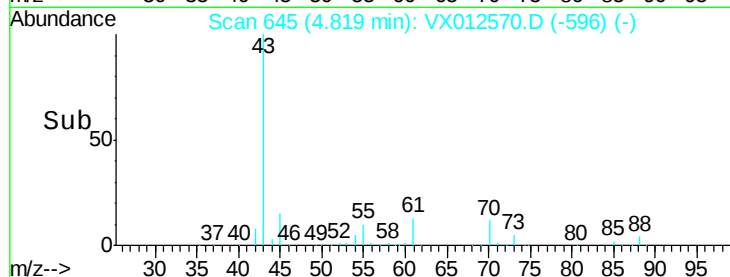
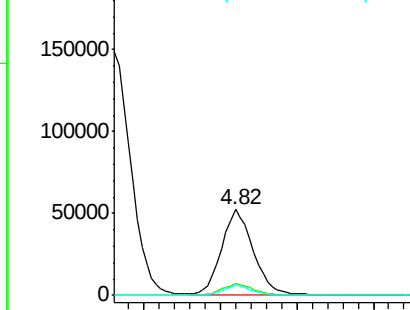
#37
Ethyl Acetate
Concen: 53.267 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX012570.D
Acq: 20 Sep 2019 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 148833
Ion Ratio Lower Upper
43 100
61 13.0 10.2 15.4
70 10.9 8.7 13.1

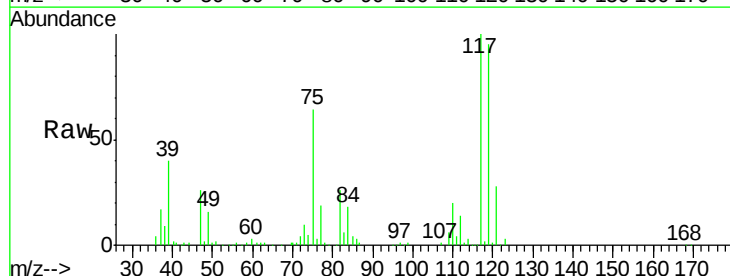


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

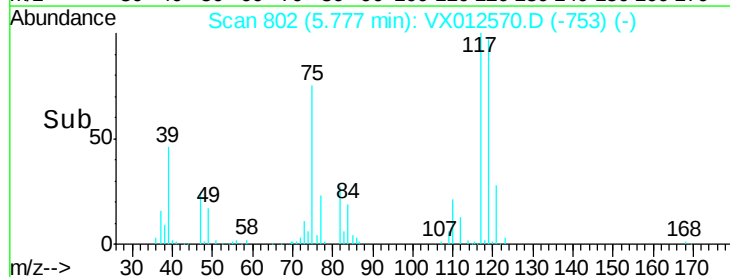
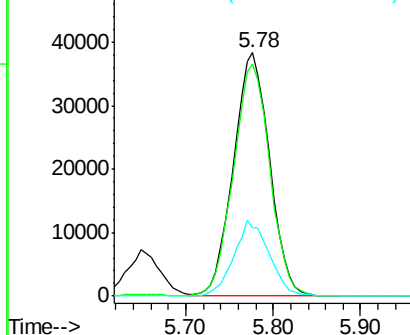


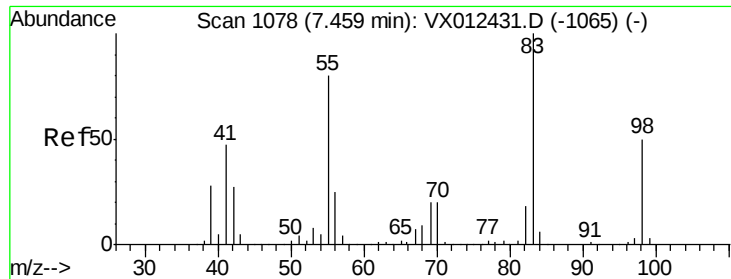
#38
Carbon Tetrachloride
Concen: 48.772 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX012570.D
Acq: 20 Sep 2019 20:16

Tgt Ion: 117 Resp: 110416
Ion Ratio Lower Upper
117 100
119 95.1 75.7 113.5
121 28.3 24.2 36.4



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

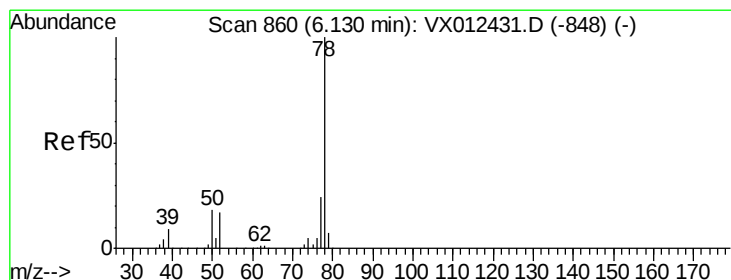
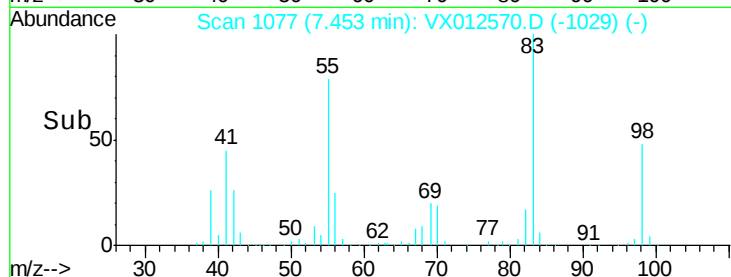
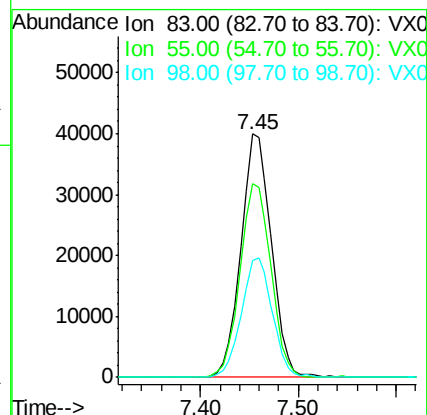
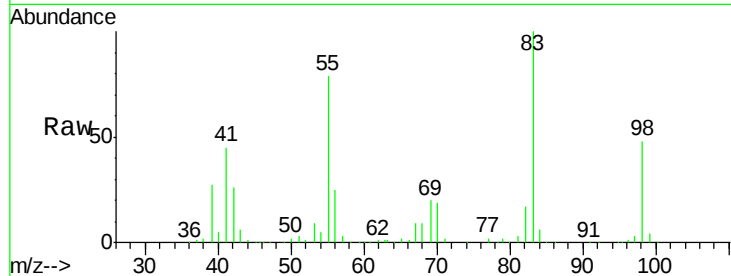




#39
Methvlcvclohexane
Concen: 48.742 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX012570.D
Acq: 20 Sep 2019 20:16

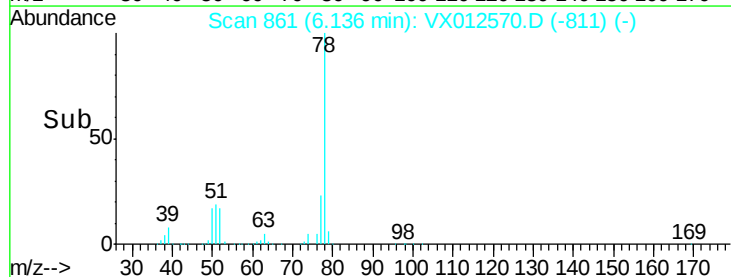
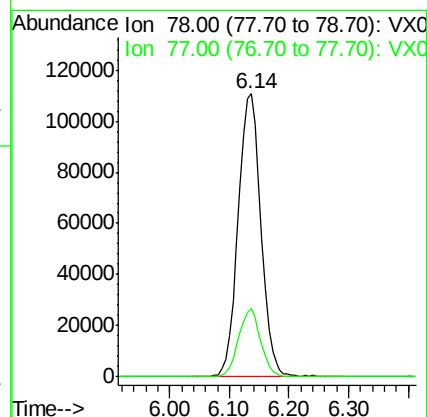
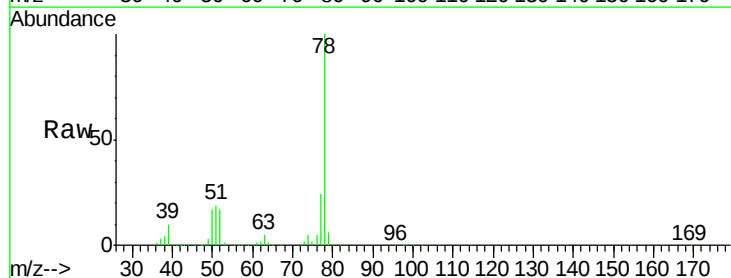
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

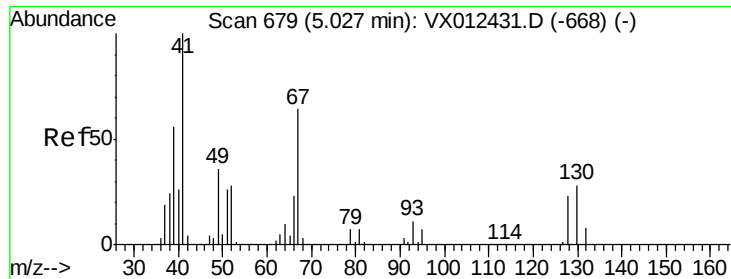
Tot Ion: 83 Resp: 86251
Ion Ratio Lower Upper
83 100
55 79.5 64.4 96.6
98 47.9 40.1 60.1



#40
Benzene
Concen: 51.007 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX012570.D
Acq: 20 Sep 2019 20:16

Tgt Ion: 78 Resp: 295246
Ion Ratio Lower Upper
78 100
77 24.3 19.2 28.8

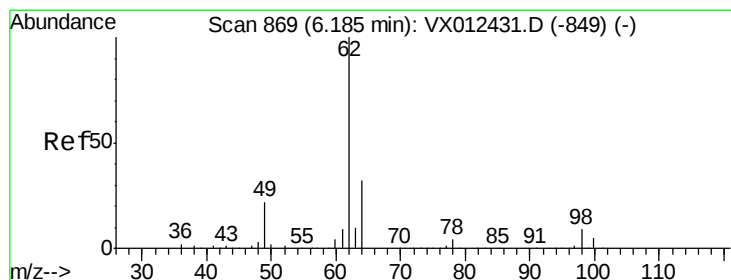
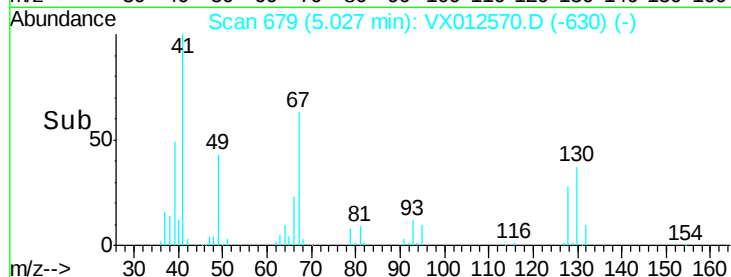
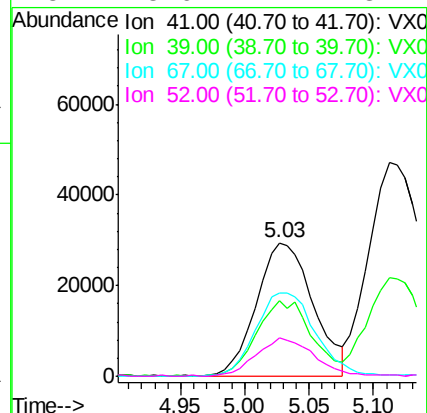
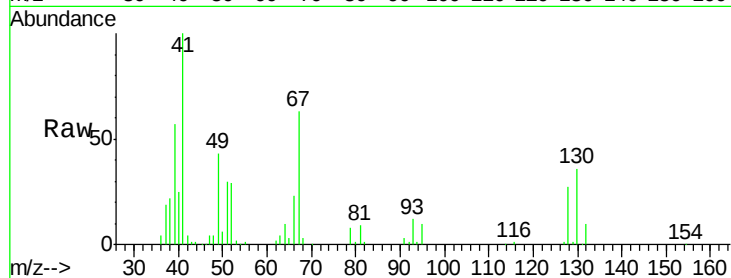




#41
Methacrylonitrile
Concen: 49.854 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX012570.D
Acq: 20 Sep 2019 20:16

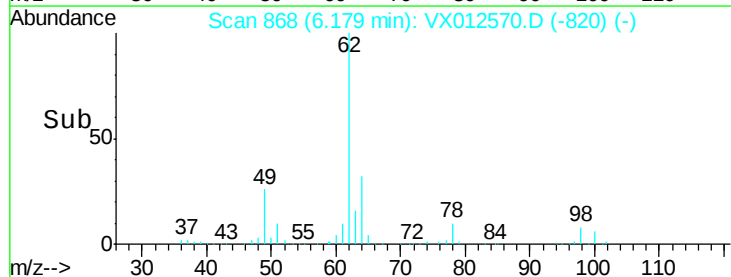
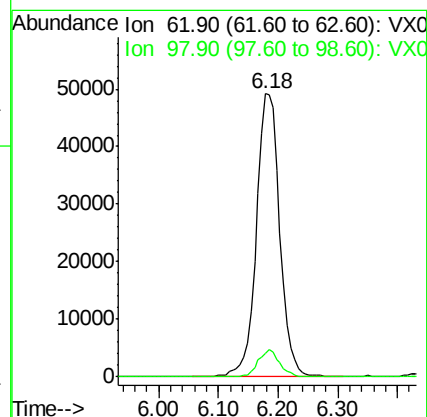
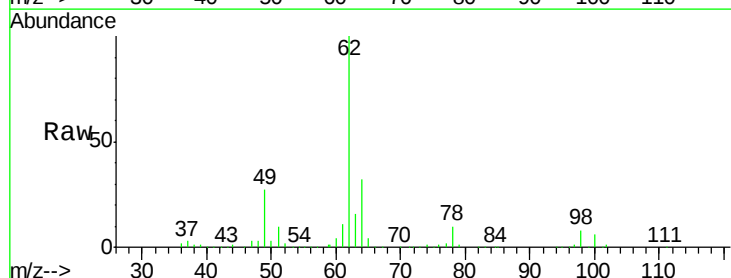
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

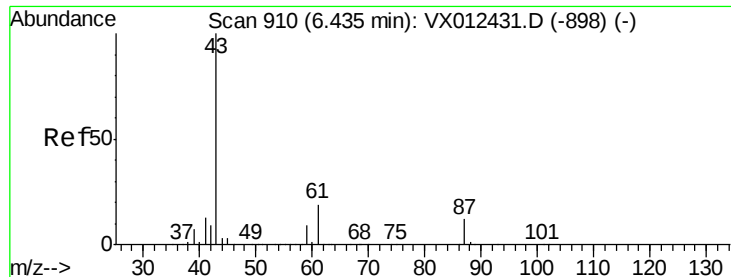
Tot Ion:	41	Resp:	89693
Ion	Ratio	Lower	Upper
41	100		
39	54.8	46.0	69.0
67	66.1	52.2	78.2
52	28.6	22.7	34.1



#42
1,2-Dichloroethane
Concen: 49.891 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX012570.D
Acq: 20 Sep 2019 20:16

Tgt Ion:	62	Resp:	133943
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.8





#43

Isopropyl Acetate

Concen: 50.287 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX012570.D

Acq: 20 Sep 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

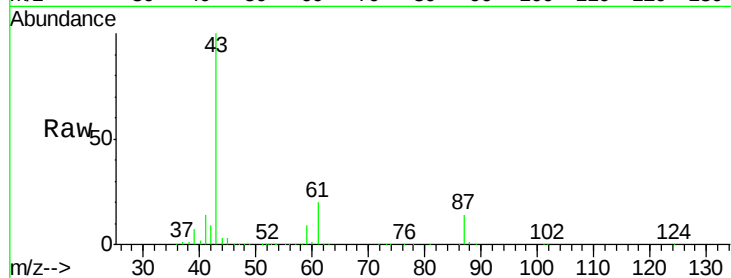
Tot Ion: 43 Resp: 252187

Ion Ratio Lower Upper

43 100

61 19.5 15.4 23.0

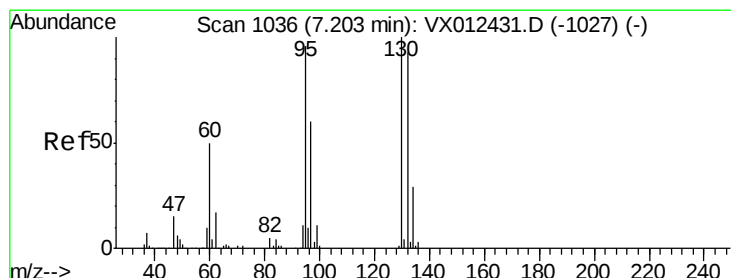
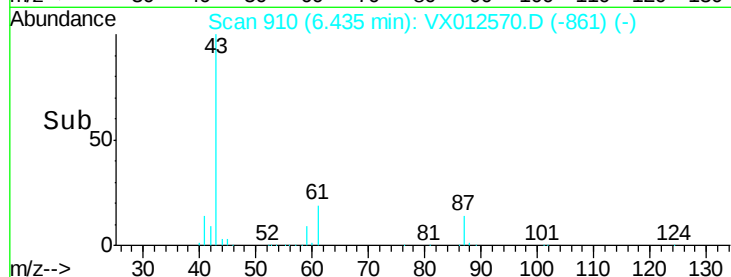
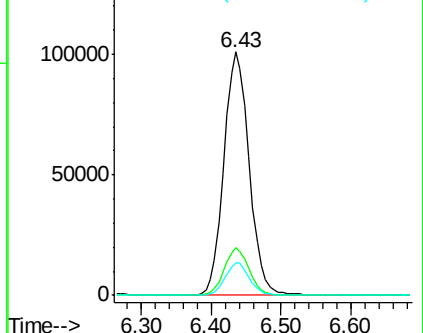
87 12.9 9.8 14.8



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: 51.714 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX012570.D

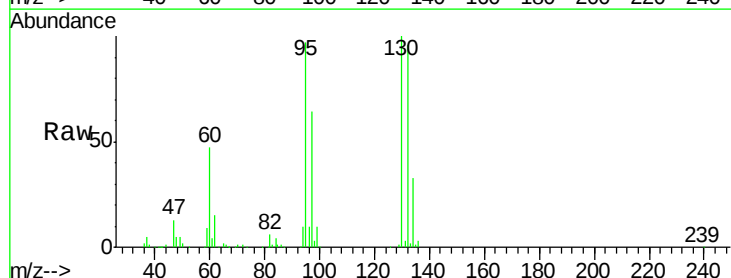
Acq: 20 Sep 2019 20:16

Tgt Ion:130 Resp: 78742

Ion Ratio Lower Upper

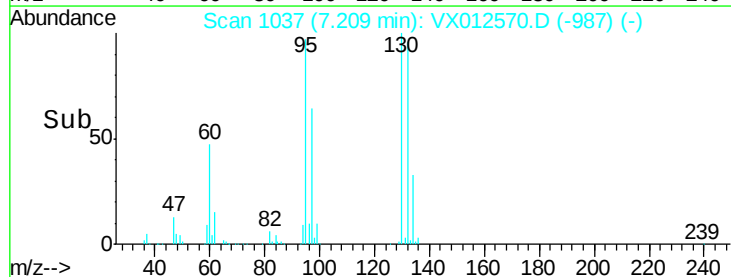
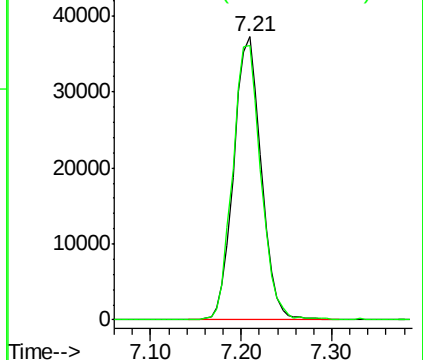
130 100

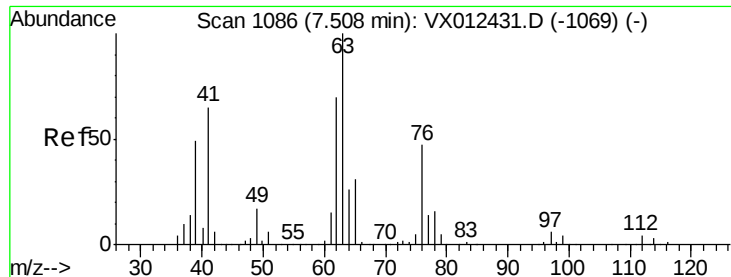
95 96.9 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 50.980 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX012570.D

Acq: 20 Sep 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

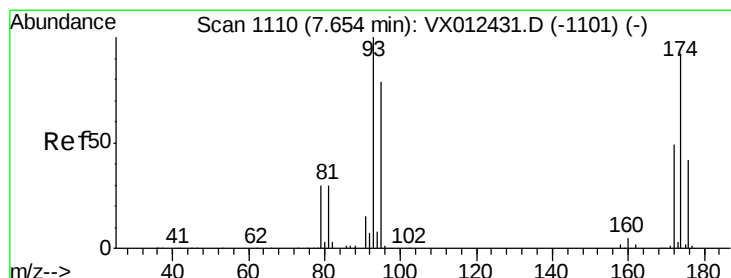
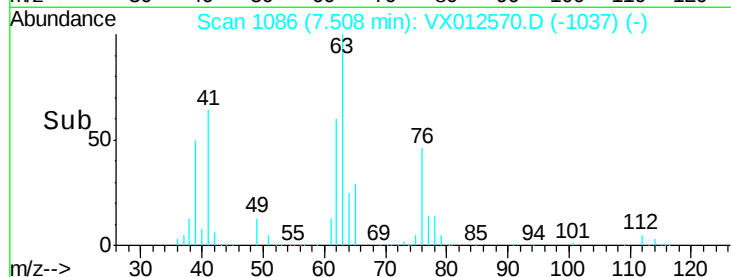
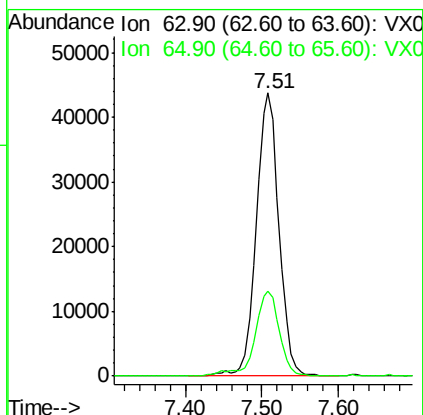
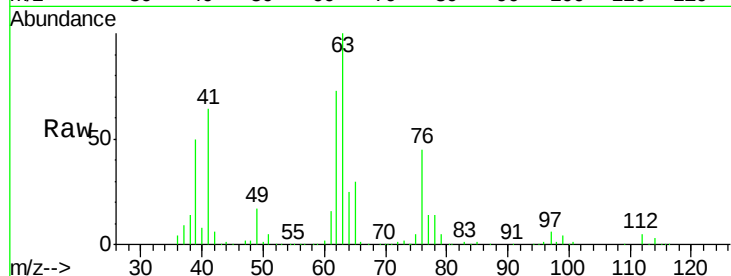
VSTDCCC050EC

Tot Ion: 63 Resp: 90659

Ion Ratio Lower Upper

63 100

65 30.1 25.0 37.6



#46

Dibromomethane

Concen: 49.697 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX012570.D

Acq: 20 Sep 2019 20:16

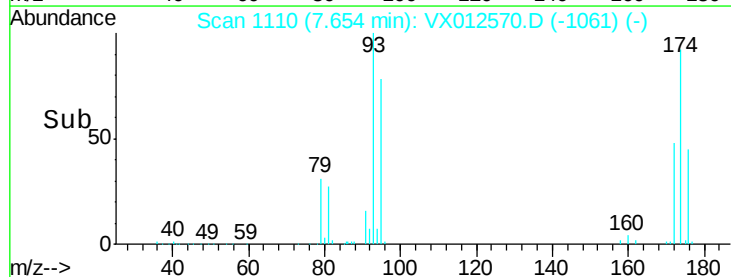
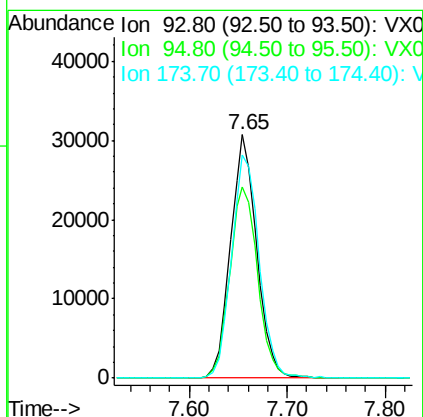
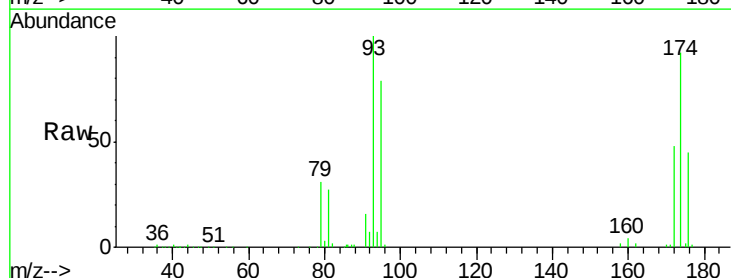
Tgt Ion: 93 Resp: 57191

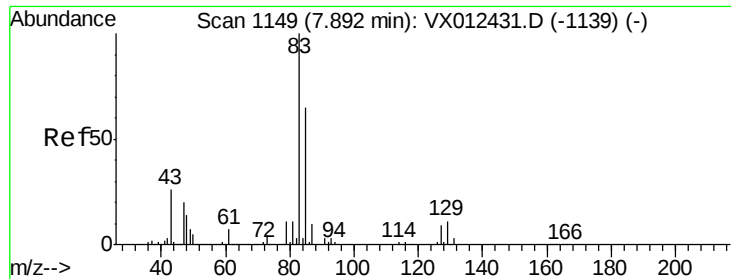
Ion Ratio Lower Upper

93 100

95 83.5 66.6 100.0

174 97.3 77.4 116.0





#47

Bromodichloromethane

Concen: 50.442 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX012570.D

Acq: 20 Sep 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

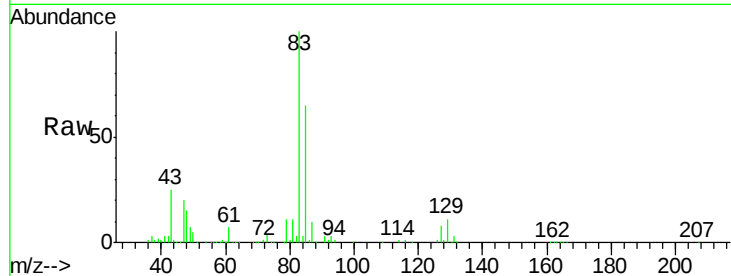
Tot Ion: 83 Resp: 129250

Ion Ratio Lower Upper

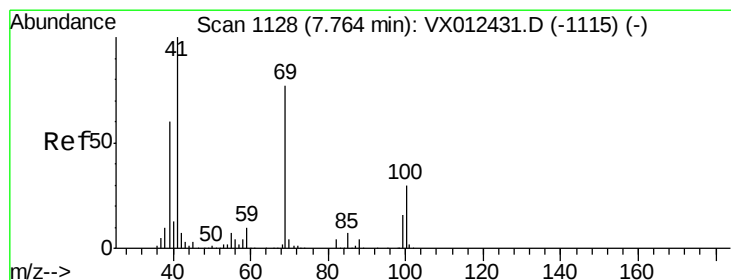
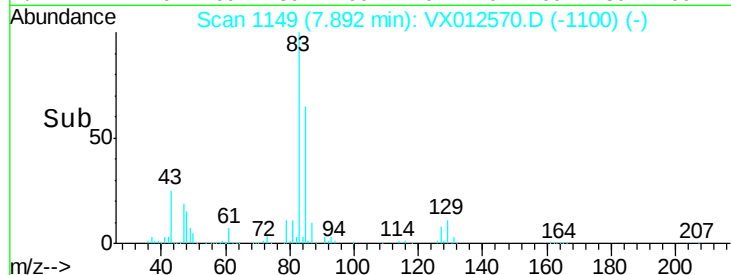
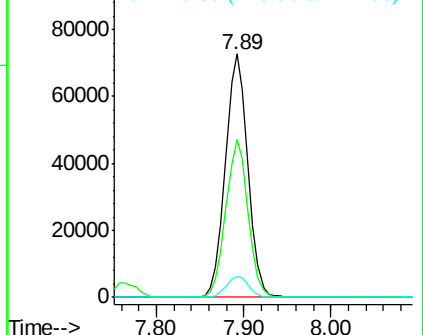
83 100

85 64.9 51.8 77.6

127 8.4 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 50.790 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX012570.D

Acq: 20 Sep 2019 20:16

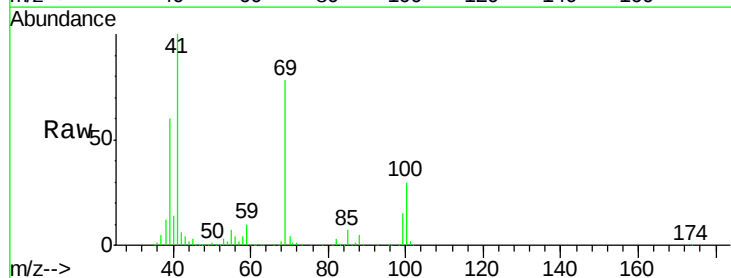
Tgt Ion: 41 Resp: 120067

Ion Ratio Lower Upper

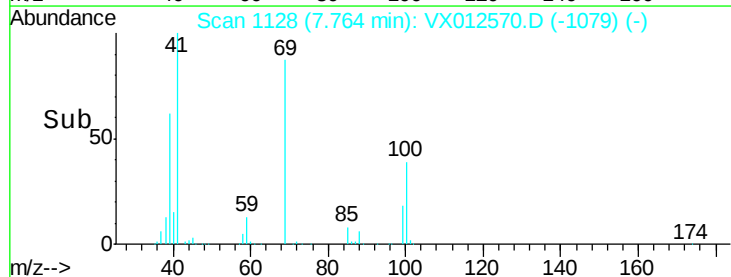
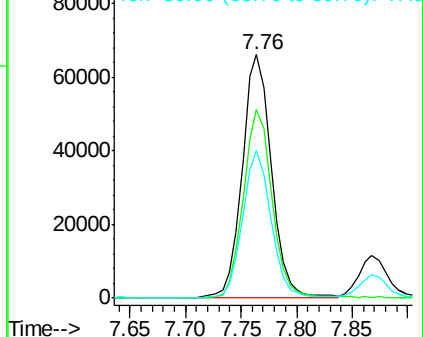
41 100

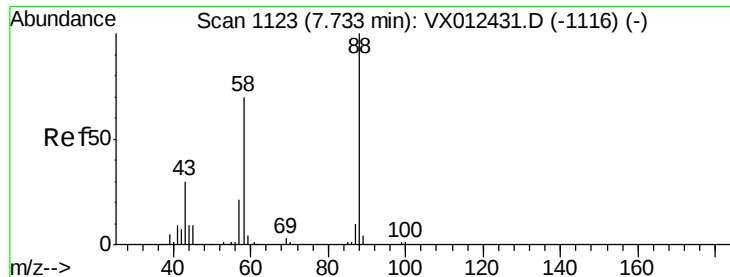
69 77.0 59.9 89.9

39 58.8 47.8 71.6



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



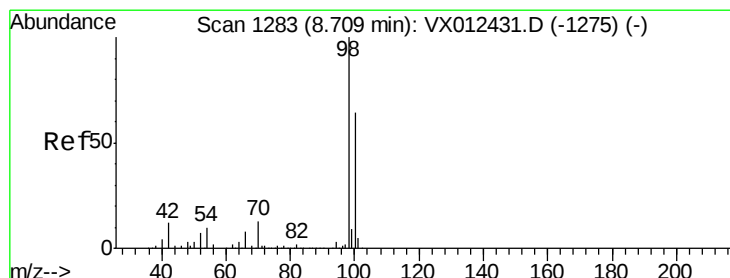
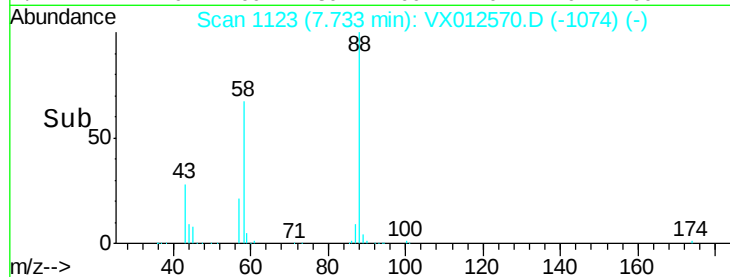
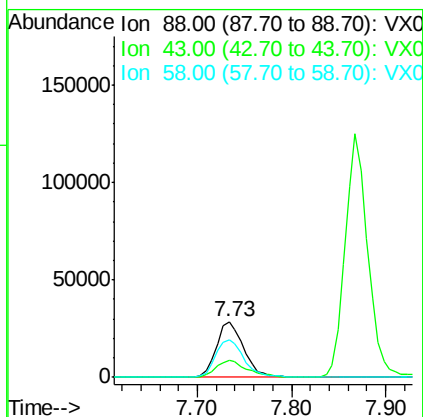
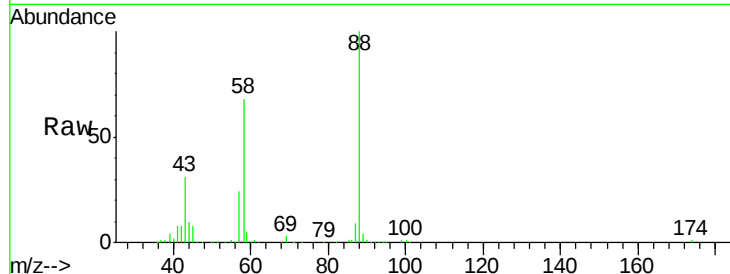


#49
 1,4-Dioxane
 Concen: 997.965 ug/l
 RT: 7.73 min Scan# 1123
 Delta R.T. 0.00 min
 Lab File: VX012570.D
 Acq: 20 Sep 2019 20:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 88 Resp: 57418

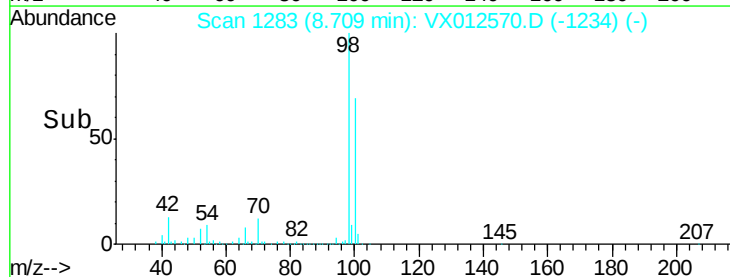
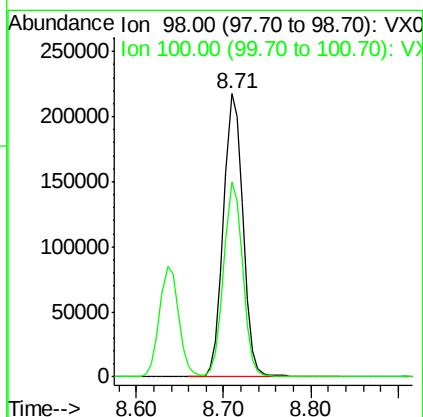
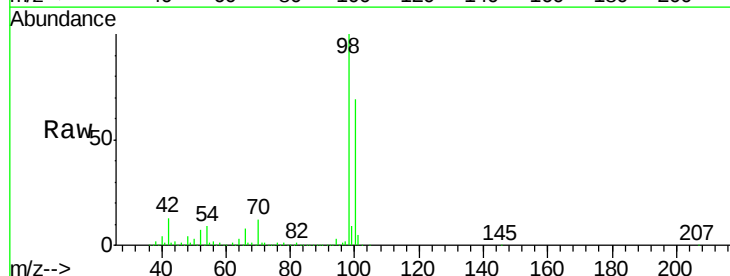
Ion	Ratio	Lower	Upper
88	100		
43	34.4	29.4	44.0
58	70.9	57.5	86.3

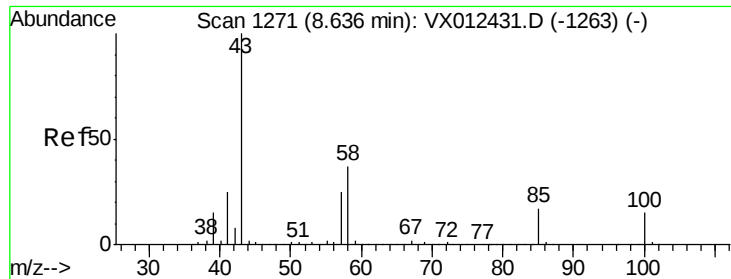


#50
 Toluene-d8
 Concen: 50.198 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VX012570.D
 Acq: 20 Sep 2019 20:16

Tgt Ion: 98 Resp: 336826

Ion	Ratio	Lower	Upper
98	100		
100	67.2	53.4	80.2





#51

4-Methyl-2-Pentanone

Concen: 257.501 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012570.D

Acq: 20 Sep 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

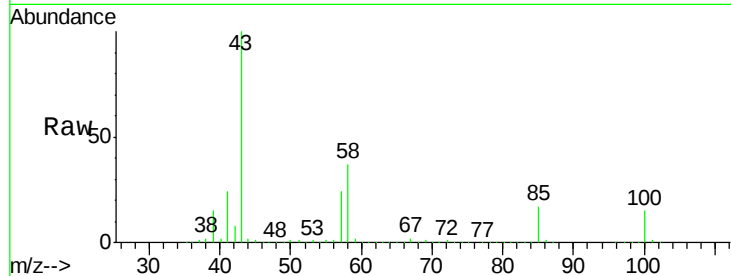
VSTDCCC050EC

Tot Ion: 43 Resp: 846854

Ion Ratio Lower Upper

43 100

58 37.4 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

600000

500000

400000

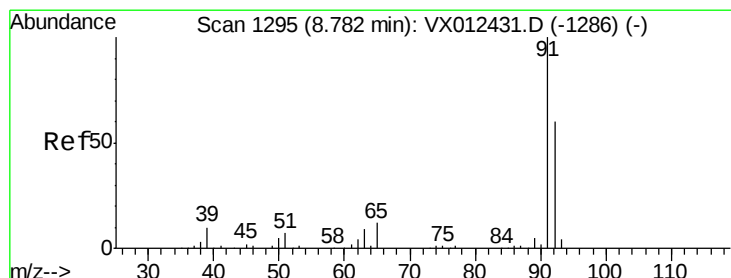
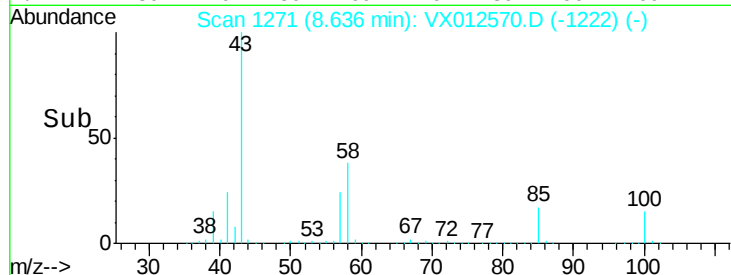
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 50.975 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX012570.D

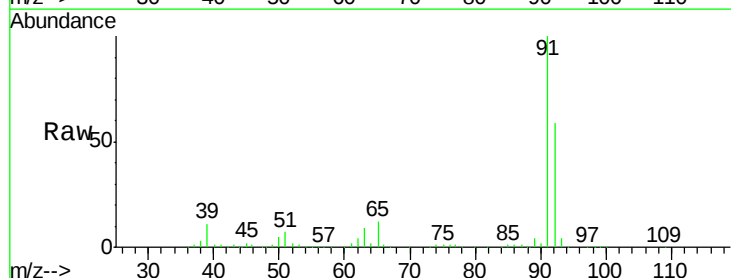
Acq: 20 Sep 2019 20:16

Tgt Ion: 92 Resp: 190130

Ion Ratio Lower Upper

92 100

91 169.6 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

200000

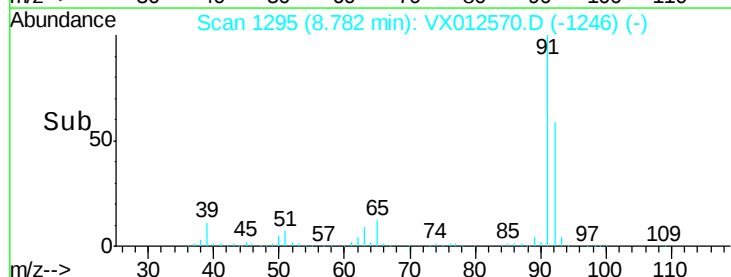
150000

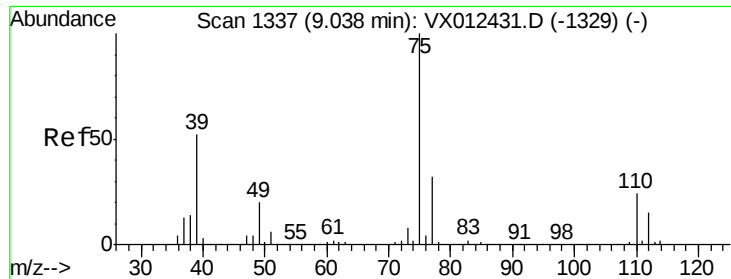
100000

50000

0

Time-->

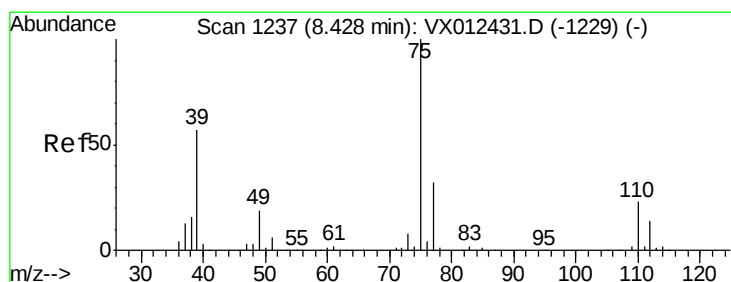
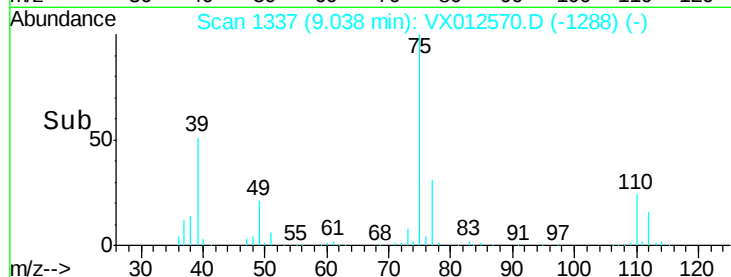
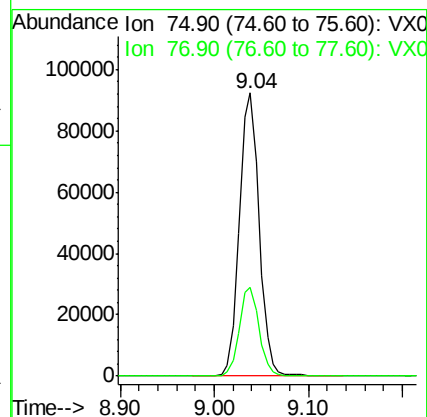
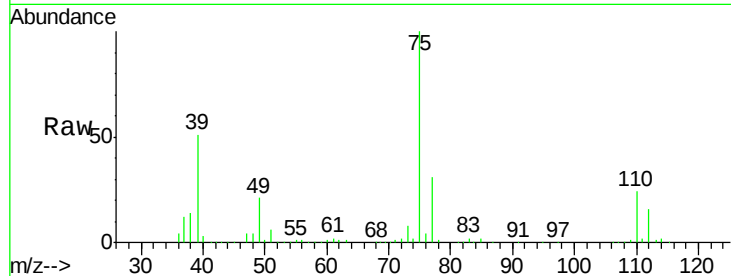




#53
t-1,3-Dichloropropene
Concen: 50.454 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX012570.D
Acq: 20 Sep 2019 20:16

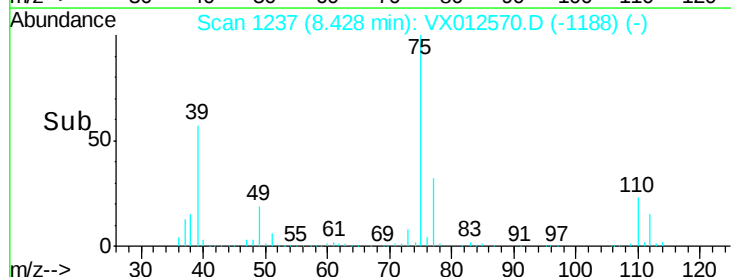
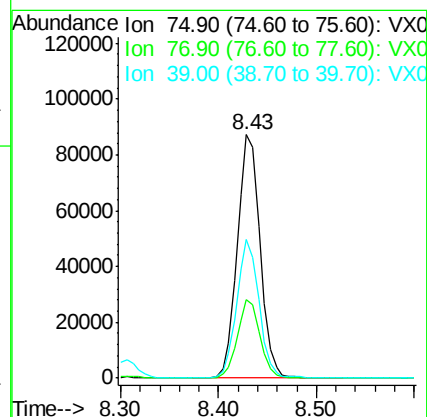
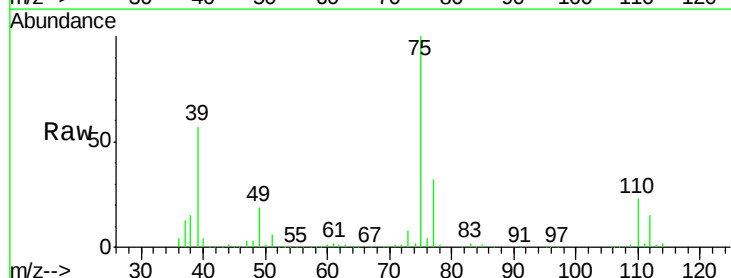
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

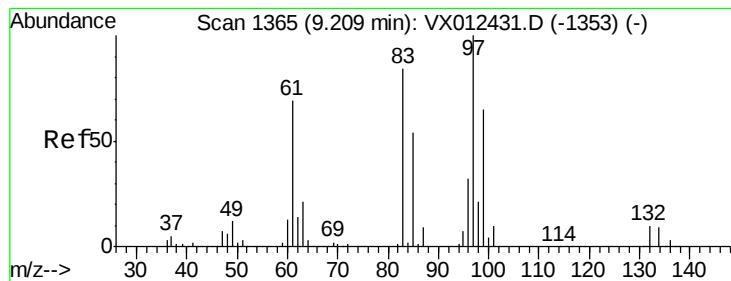
Tot Ion: 75 Resp: 134388
Ion Ratio Lower Upper
75 100
77 31.4 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 51.207 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX012570.D
Acq: 20 Sep 2019 20:16

Tgt Ion: 75 Resp: 141205
Ion Ratio Lower Upper
75 100
77 32.4 25.8 38.8
39 56.6 45.5 68.3





#55

1,1,2-Trichloroethane

Concen: 50.482 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX012570.D

Acq: 20 Sep 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 97006

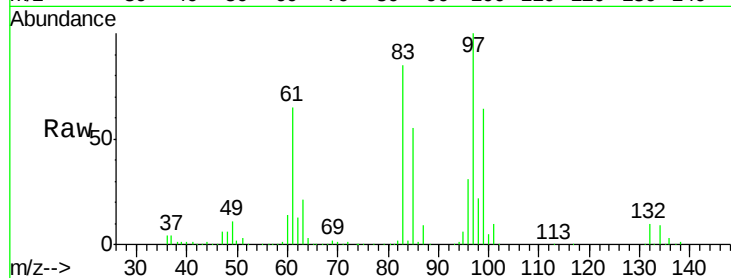
Ion Ratio Lower Upper

97 100

83 84.8 67.4 101.2

85 55.1 43.5 65.3

99 63.7 51.8 77.8



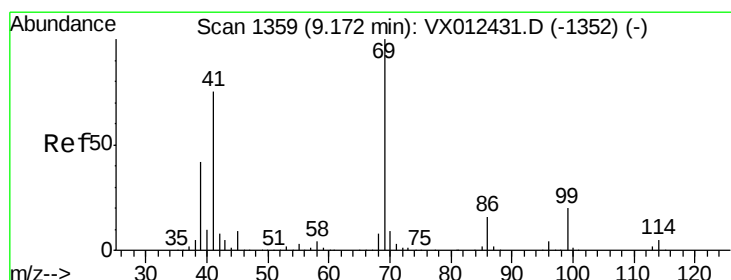
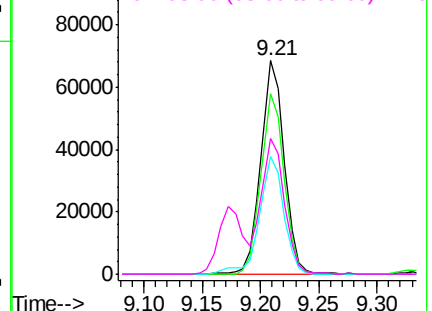
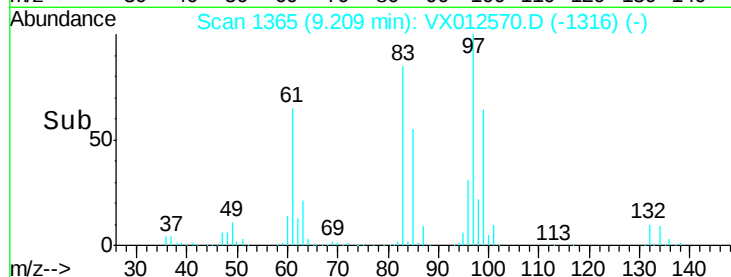
Abundance

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: 51.883 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX012570.D

Acq: 20 Sep 2019 20:16

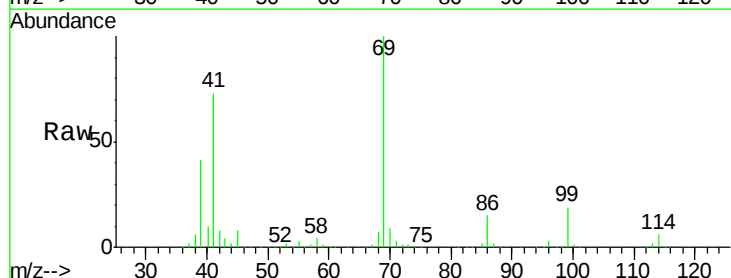
Tgt Ion: 69 Resp: 155878

Ion Ratio Lower Upper

69 100

41 71.3 58.4 87.6

39 40.7 33.4 50.0

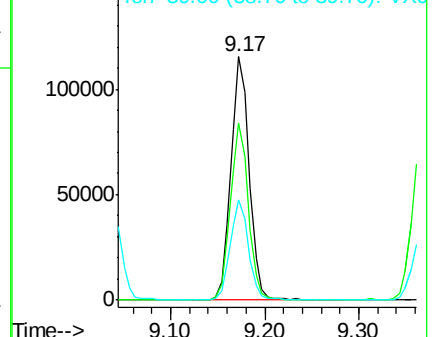
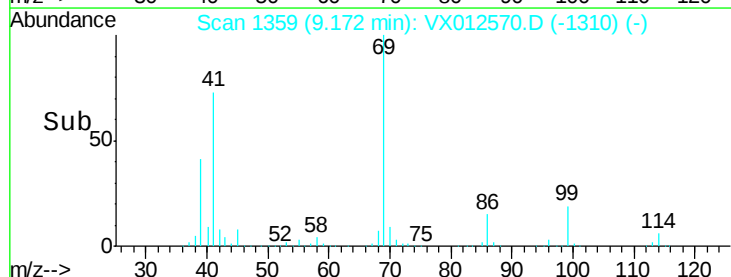


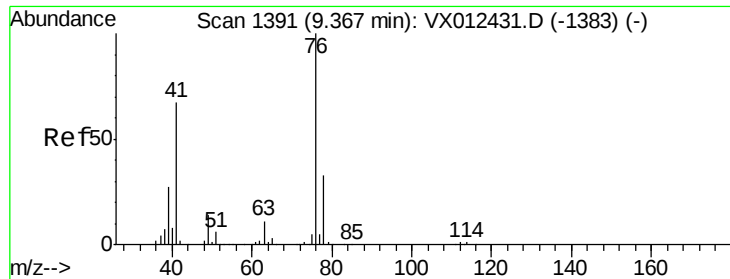
Abundance

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: 51.114 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX012570.D

Acq: 20 Sep 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

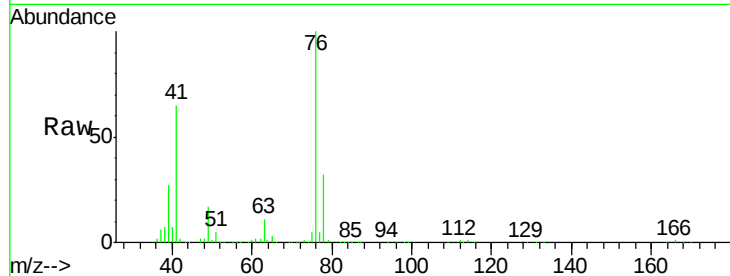
VSTDCCC050EC

Tot Ion: 76 Resp: 156711

Ion Ratio Lower Upper

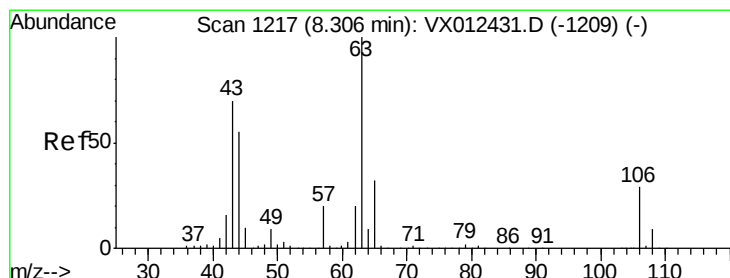
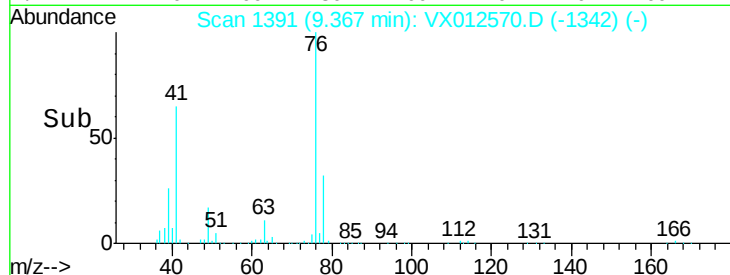
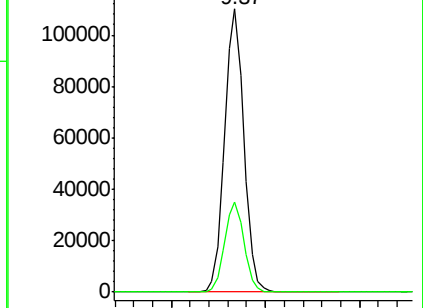
76 100

78 32.2 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 274.117 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX012570.D

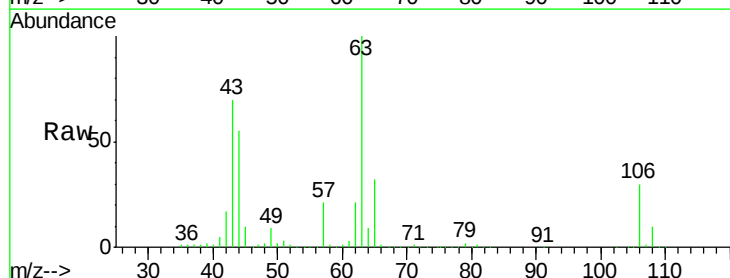
Acq: 20 Sep 2019 20:16

Tgt Ion: 63 Resp: 426307

Ion Ratio Lower Upper

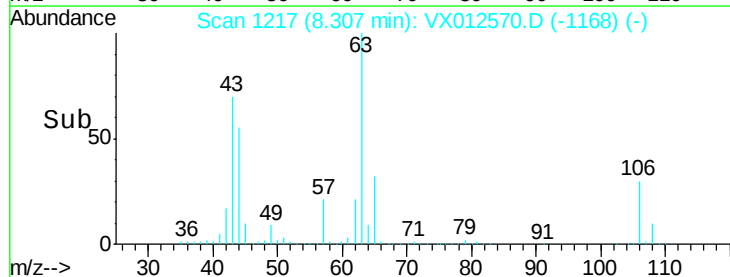
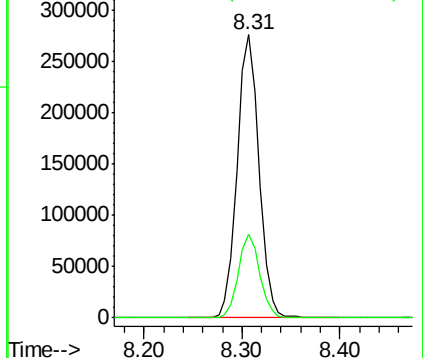
63 100

106 29.4 23.8 35.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

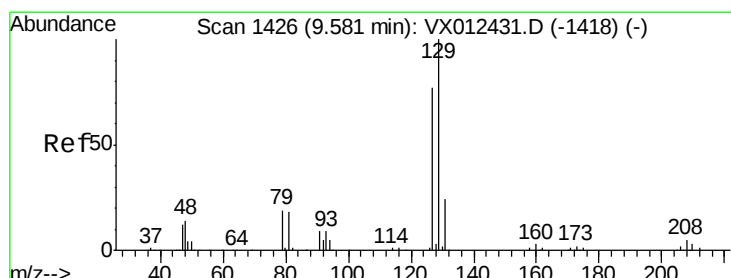
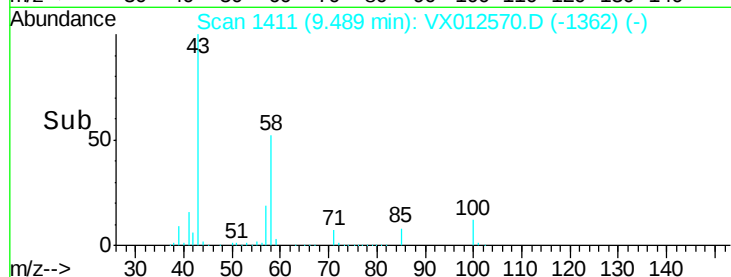
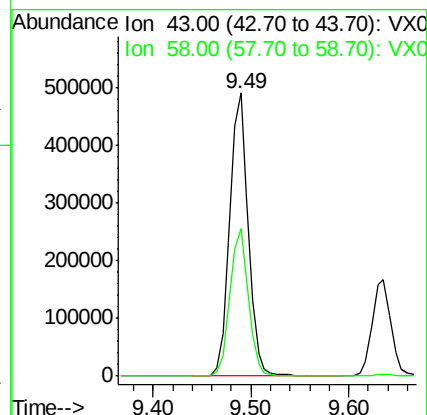
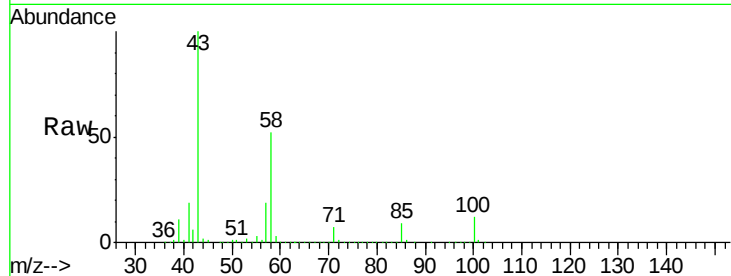




#59
2-Hexanone
Concen: 251.977 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX012570.D
Acq: 20 Sep 2019 20:16

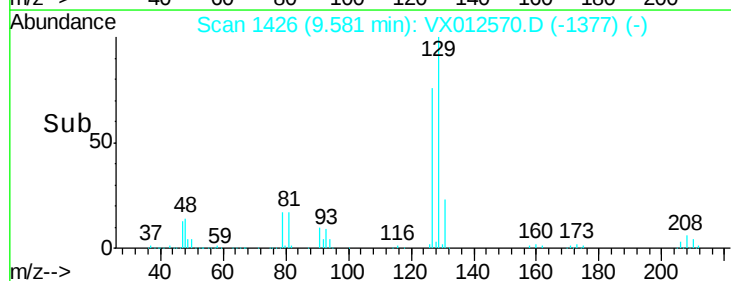
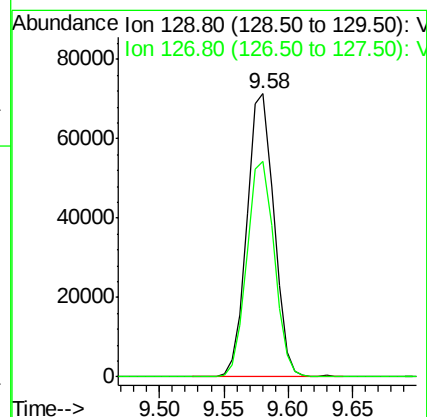
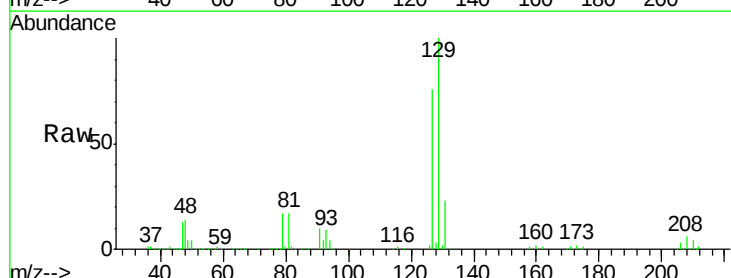
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

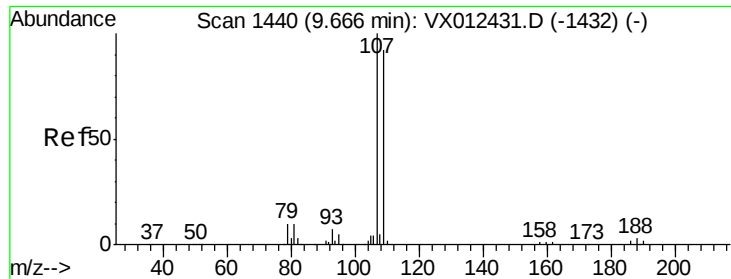
Tot Ion: 43 Resp: 646513
Ion Ratio Lower Upper
43 100
58 52.1 25.7 77.1



#60
Dibromochloromethane
Concen: 52.659 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX012570.D
Acq: 20 Sep 2019 20:16

Tgt Ion: 129 Resp: 103072
Ion Ratio Lower Upper
129 100
127 77.4 38.9 116.6





#61

1,2-Dibromoethane

Concen: 51.547 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012570.D

Acq: 20 Sep 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

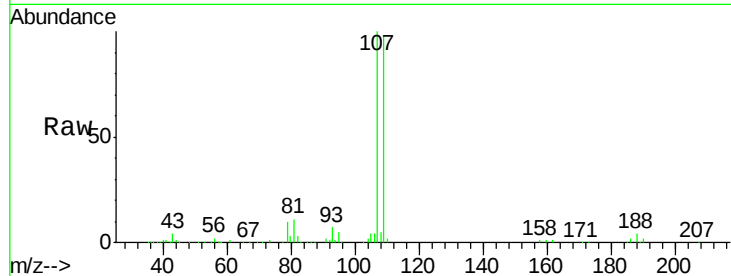
VSTDCCC050EC

Tot Ion:107 Resp: 90465

Ion Ratio Lower Upper

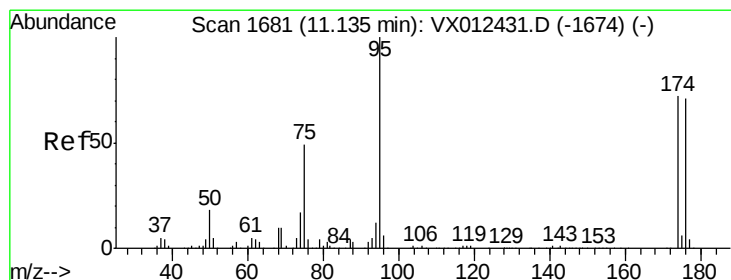
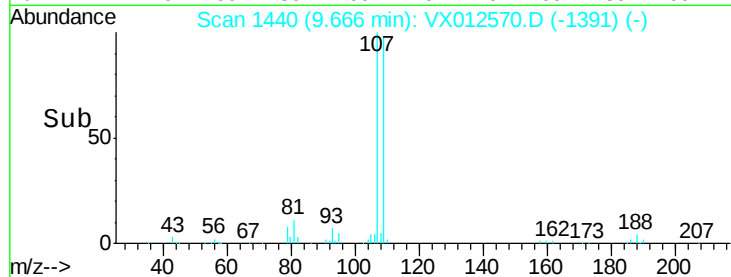
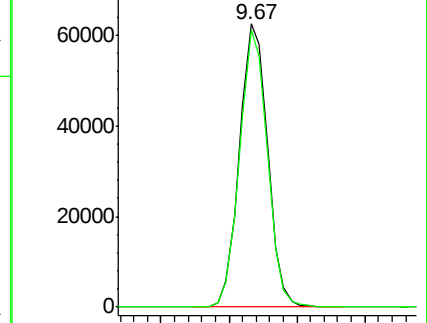
107 100

109 96.3 74.7 112.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.592 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012570.D

Acq: 20 Sep 2019 20:16

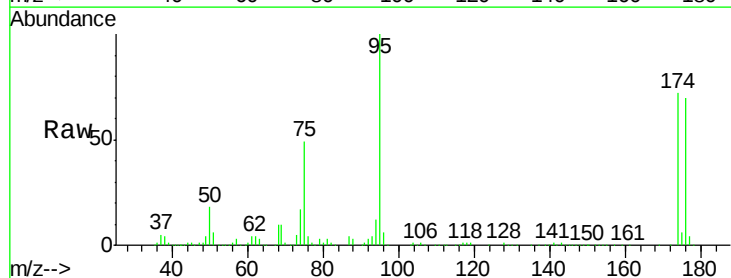
Tgt Ion: 95 Resp: 138165

Ion Ratio Lower Upper

95 100

174 71.6 0.0 140.0

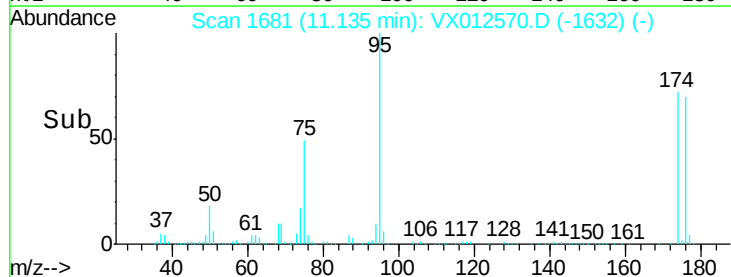
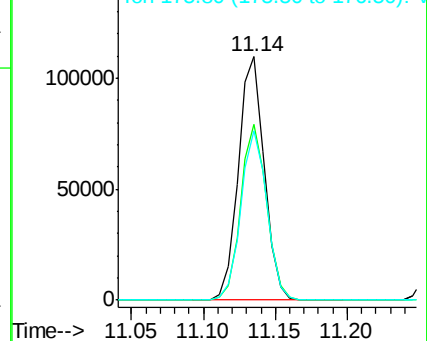
176 69.5 0.0 135.4

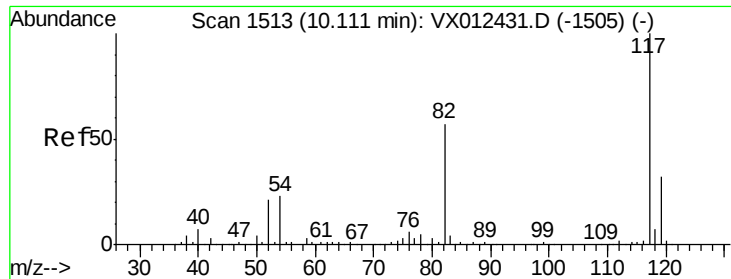


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

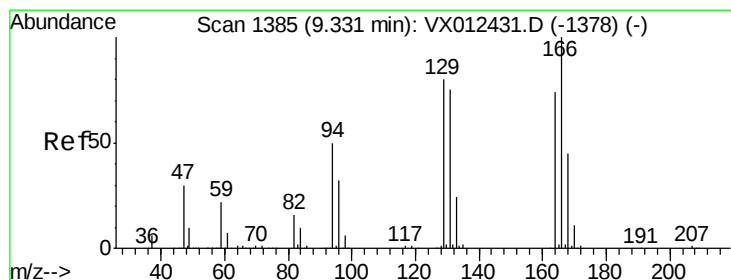
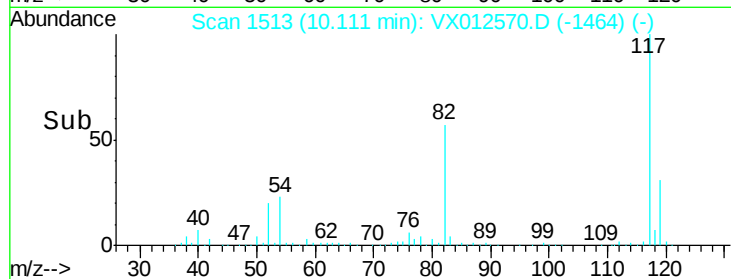
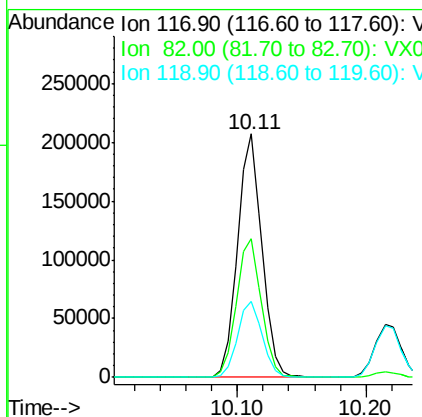
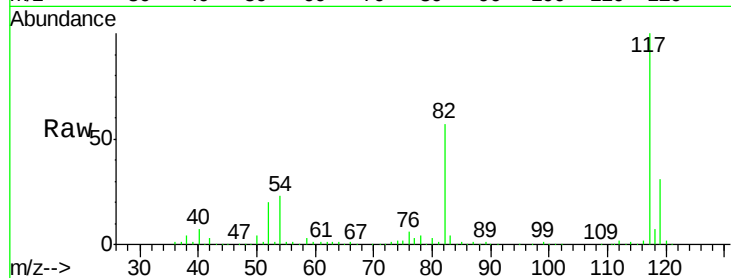




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012570.D
Acq: 20 Sep 2019 20:16

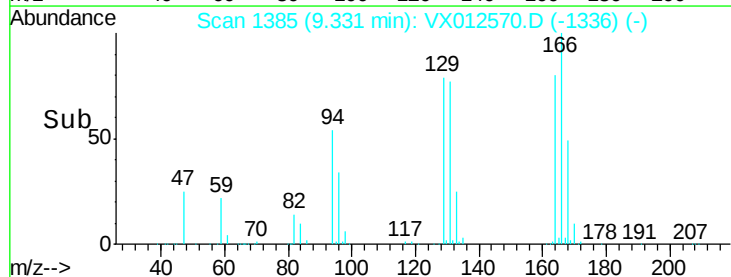
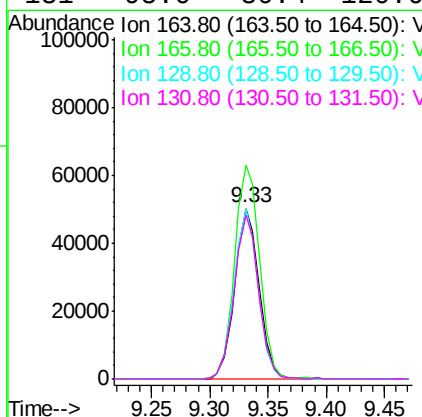
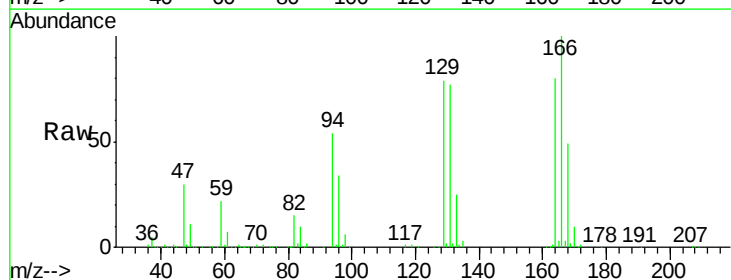
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

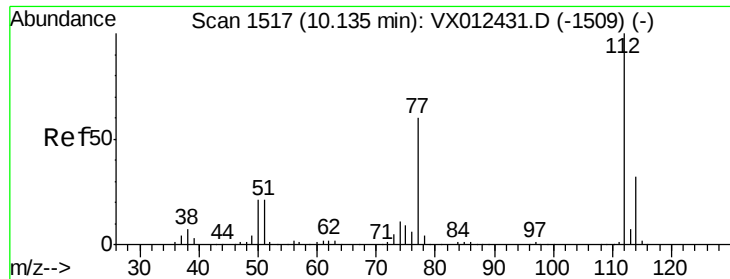
Tot Ion:117 Resp: 271039
Ion Ratio Lower Upper
117 100
82 56.8 45.9 68.9
119 31.0 25.3 37.9



#64
Tetrachloroethene
Concen: 59.307 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012570.D
Acq: 20 Sep 2019 20:16

Tgt Ion:164 Resp: 73659
Ion Ratio Lower Upper
164 100
166 125.0 107.8 161.6
129 99.3 86.2 129.2
131 95.6 80.4 120.6

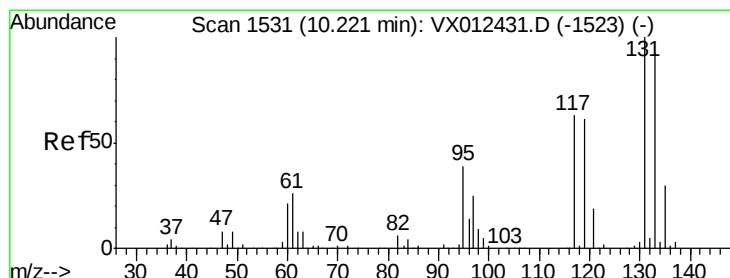
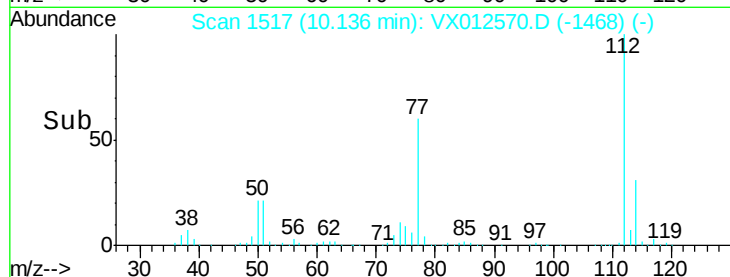
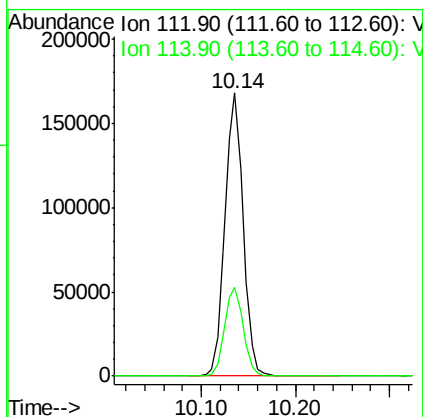
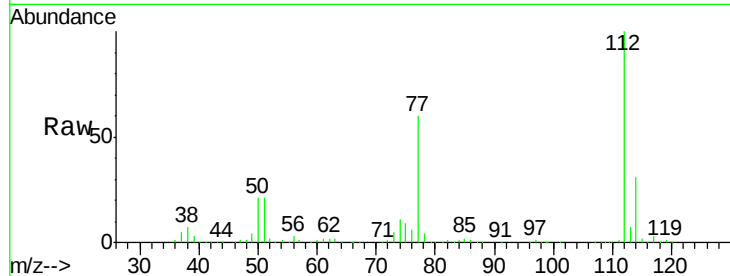




#65
Chlorobenzene
Concen: 50.419 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012570.D
Acq: 20 Sep 2019 20:16

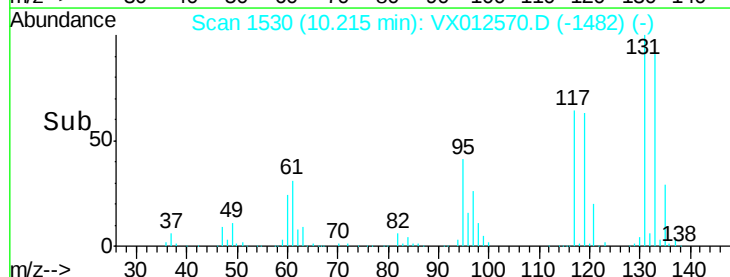
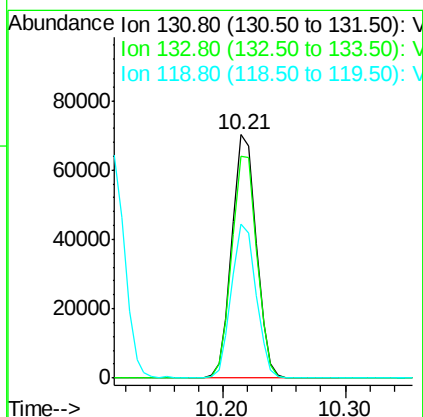
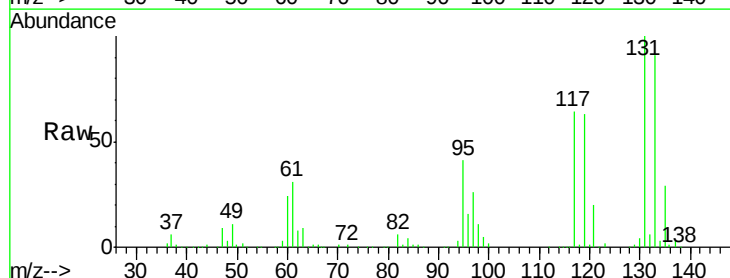
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

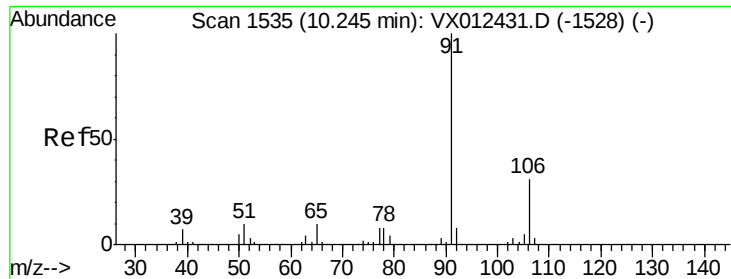
Tot Ion:112 Resp: 225547
Ion Ratio Lower Upper
112 100
114 31.4 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 52.147 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.01 min
Lab File: VX012570.D
Acq: 20 Sep 2019 20:16

Tgt Ion:131 Resp: 96816
Ion Ratio Lower Upper
131 100
133 93.6 47.6 142.9
119 63.2 31.3 93.8





#67

Ethyl Benzene

Concen: 51.156 ug/l

RT: 10.25 min Scan# 1536

Delta R.T. 0.01 min

Lab File: VX012570.D

Acq: 20 Sep 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

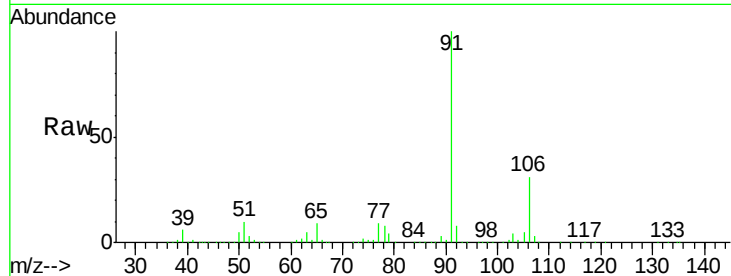
VSTDCCC050EC

Tot Ion: 91 Resp: 393171

Ion Ratio Lower Upper

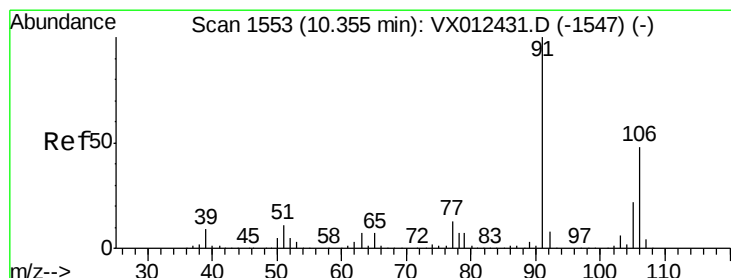
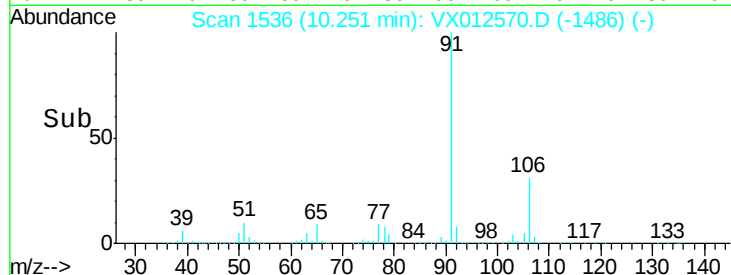
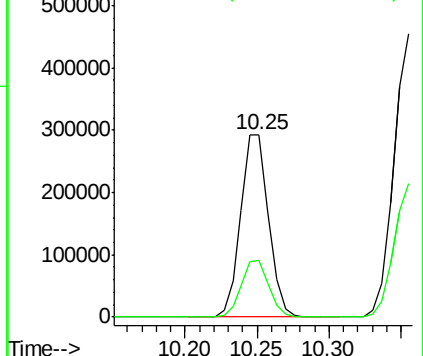
91 100

106 31.2 24.6 37.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 103.370 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX012570.D

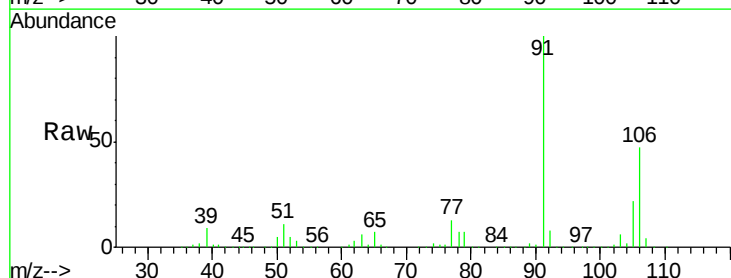
Acq: 20 Sep 2019 20:16

Tgt Ion: 106 Resp: 289068

Ion Ratio Lower Upper

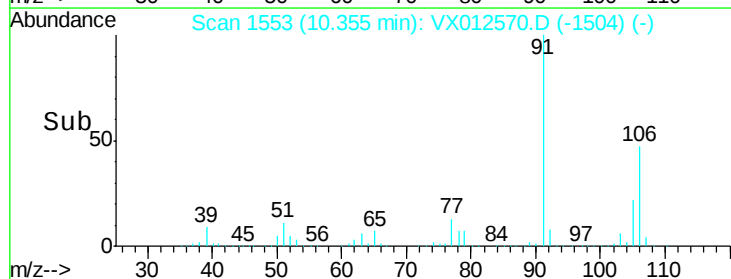
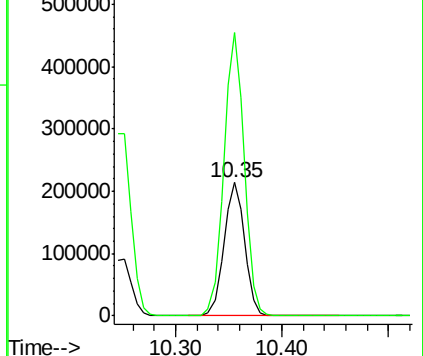
106 100

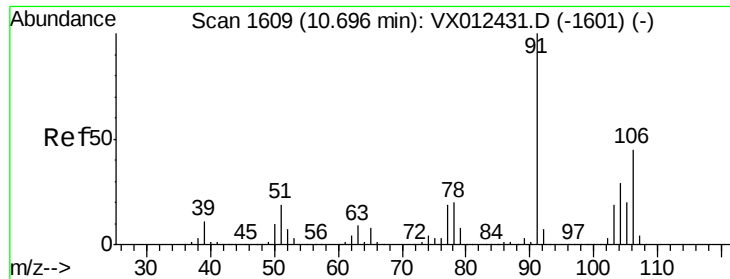
91 209.4 166.6 250.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

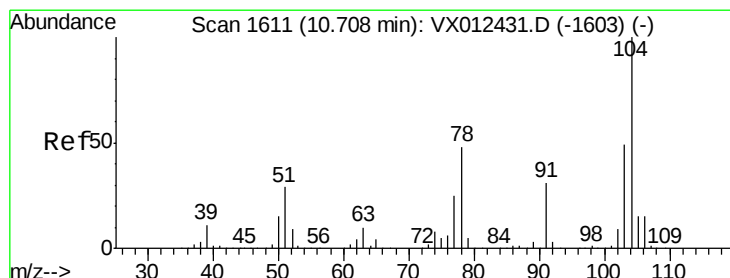
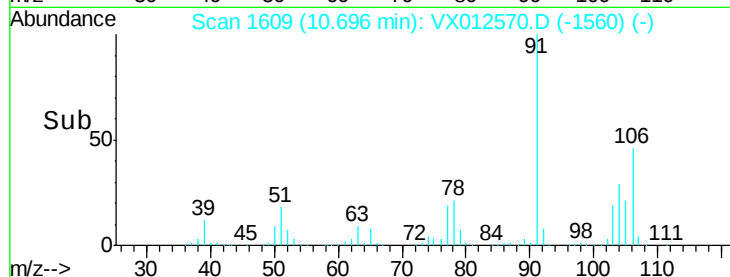
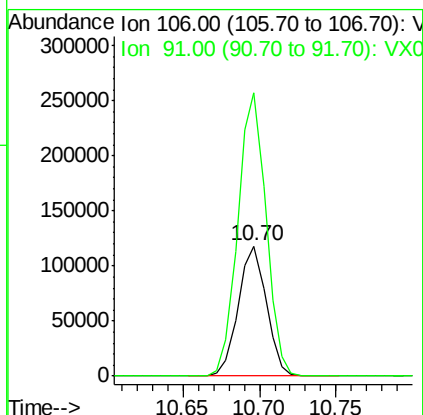
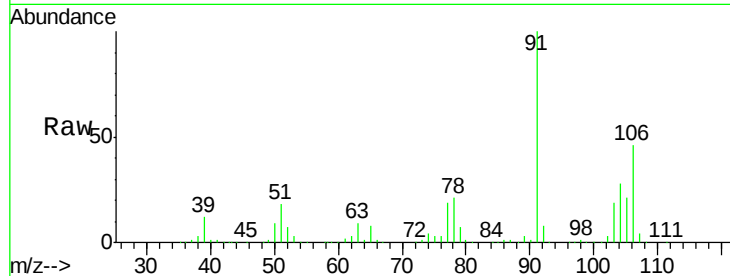




#69
o-Xylene
Concen: 52.193 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012570.D
Acq: 20 Sep 2019 20:16

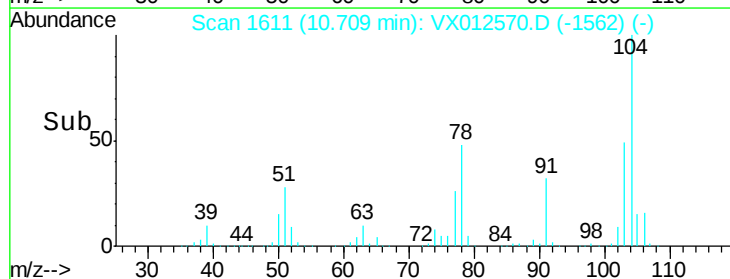
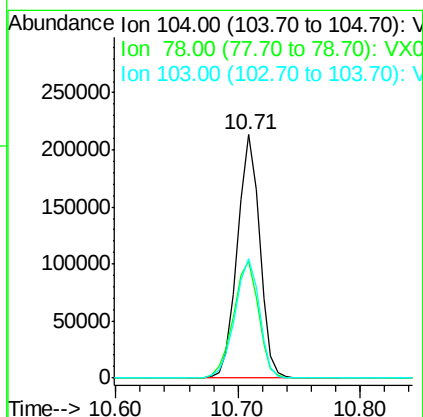
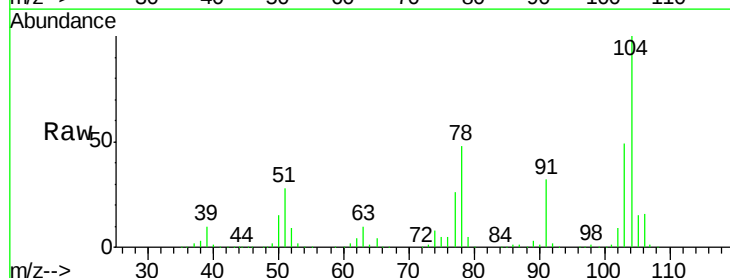
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

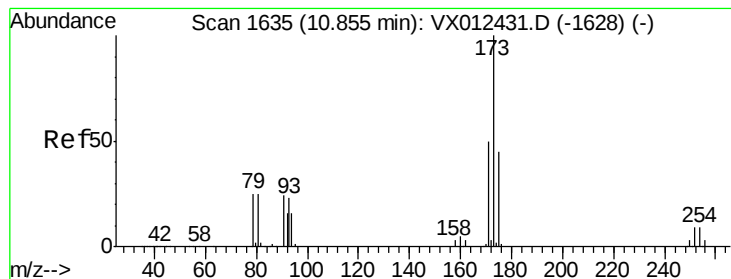
Tot Ion:106 Resp: 150102
Ion Ratio Lower Upper
106 100
91 218.2 109.4 328.2



#70
Styrene
Concen: 52.695 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012570.D
Acq: 20 Sep 2019 20:16

Tgt Ion:104 Resp: 268129
Ion Ratio Lower Upper
104 100
78 54.1 43.4 65.2
103 53.7 43.3 64.9





#71

Bromoform

Concen: 45.829 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012570.D

Acq: 20 Sep 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

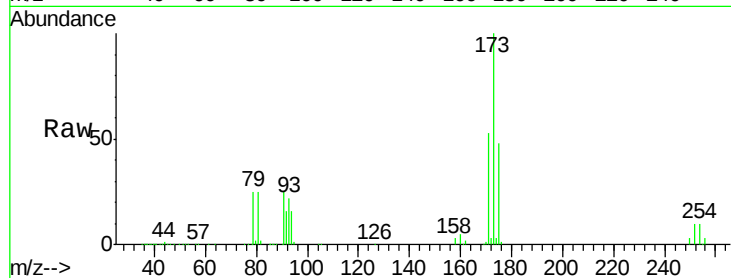
Tot Ion:173 Resp: 72855

Ion Ratio Lower Upper

173 100

175 47.8 23.7 71.1

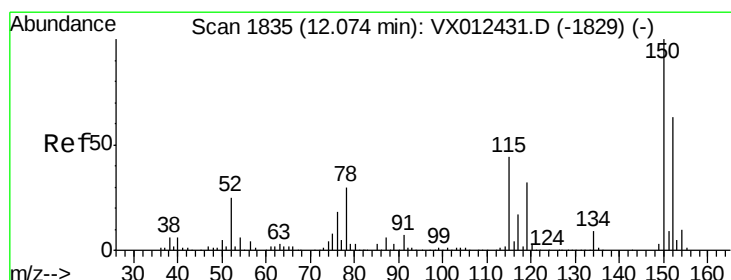
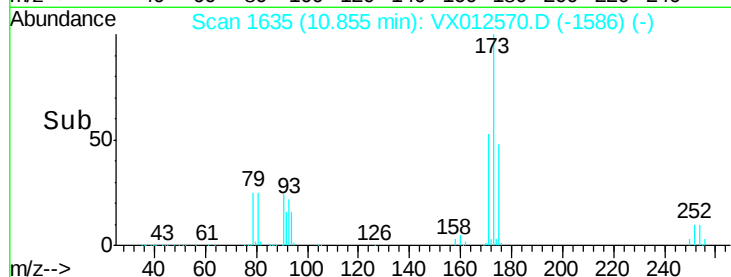
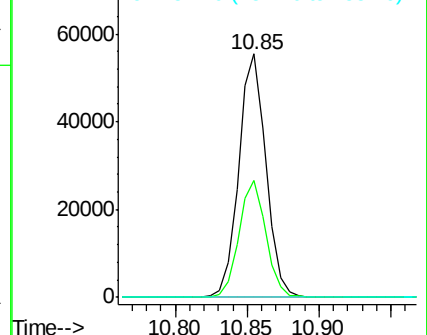
254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012570.D

Acq: 20 Sep 2019 20:16

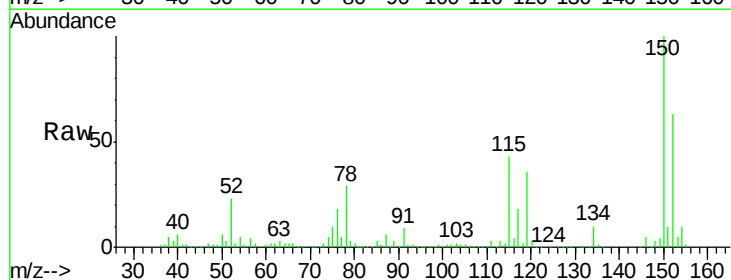
Tgt Ion:152 Resp: 131921

Ion Ratio Lower Upper

152 100

115 84.9 44.1 132.3

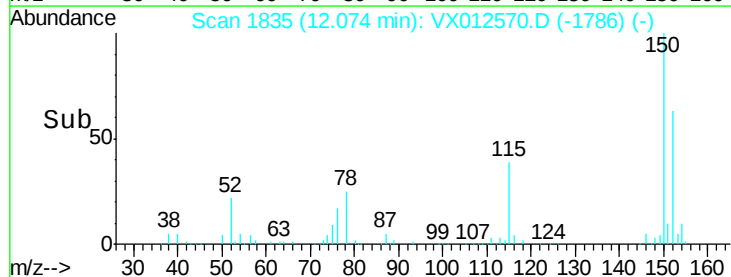
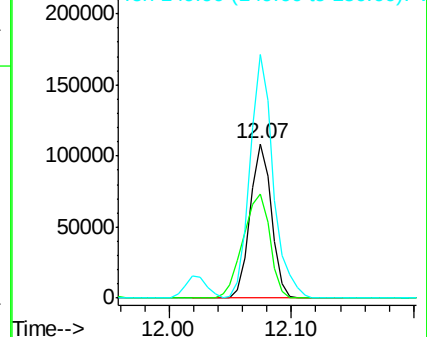
150 171.0 0.0 343.8

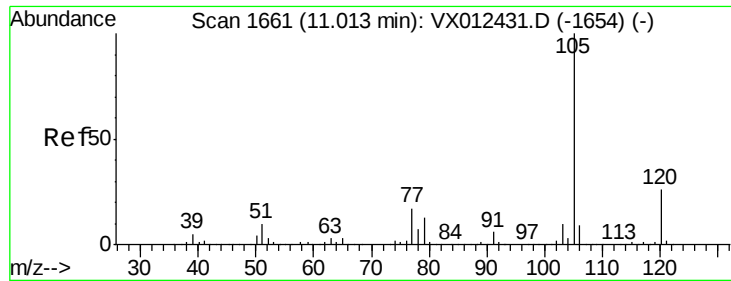


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.141 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012570.D

Acq: 20 Sep 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

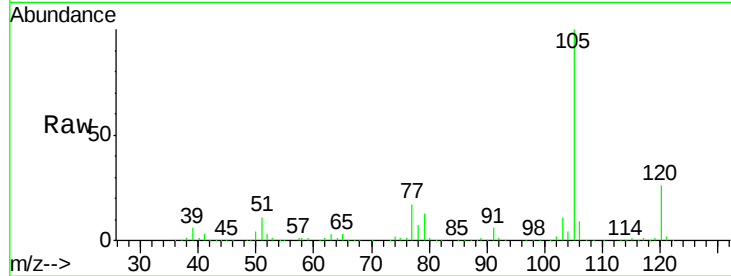
VSTDCCC050EC

Tot Ion:105 Resp: 415028

Ion Ratio Lower Upper

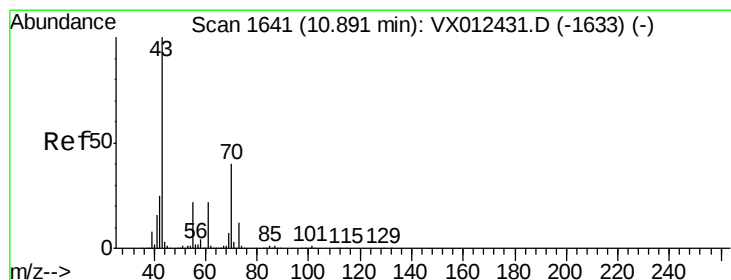
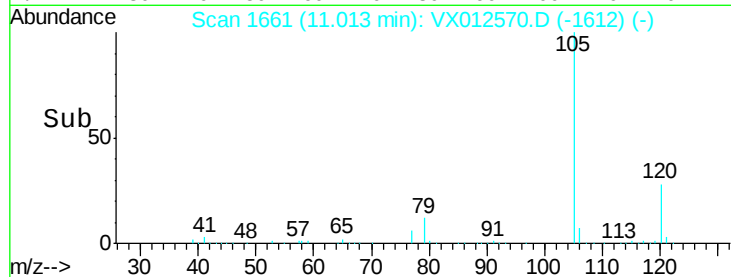
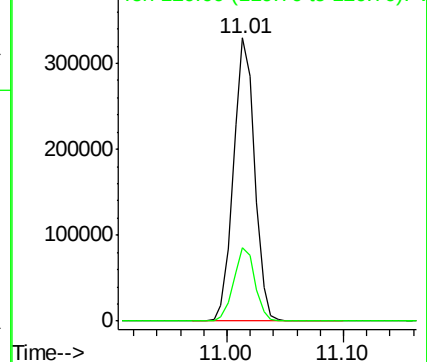
105 100

120 26.2 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.760 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012570.D

Acq: 20 Sep 2019 20:16

Tgt Ion: 43 Resp: 226203

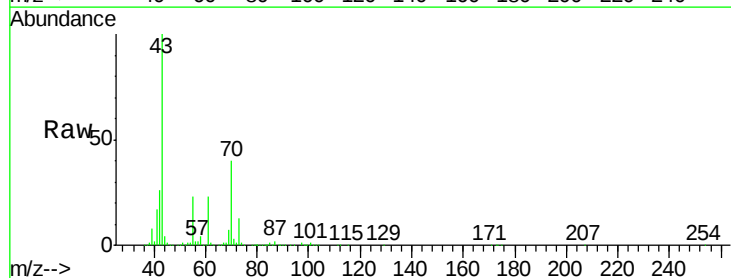
Ion Ratio Lower Upper

43 100

70 41.3 32.4 48.6

55 23.6 18.2 27.4

61 23.7 18.5 27.7

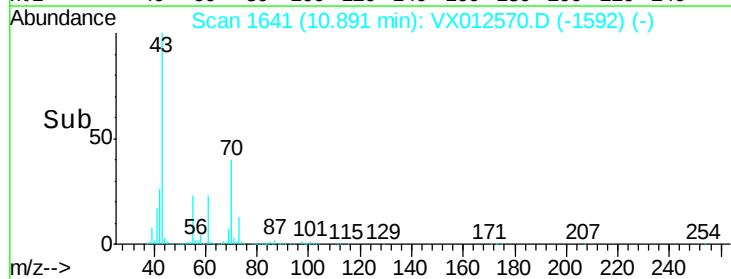
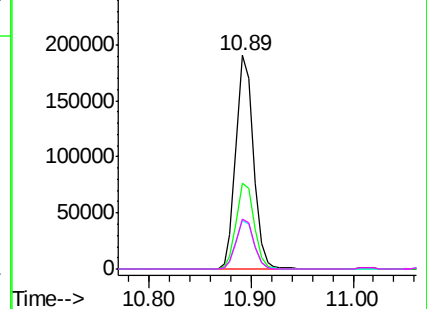


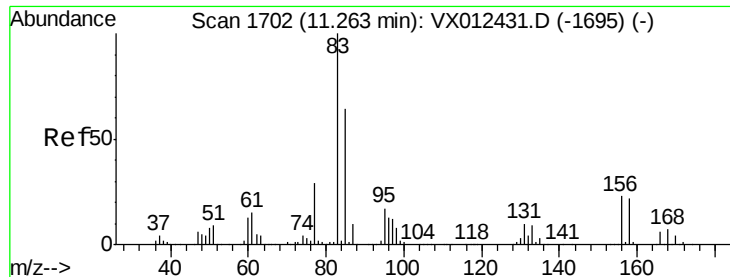
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.287 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012570.D

Acq: 20 Sep 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

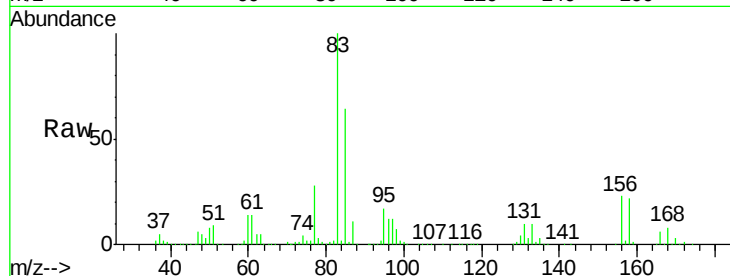
Tot Ion: 83 Resp: 163280

Ion Ratio Lower Upper

83 100

131 10.2 5.2 15.6

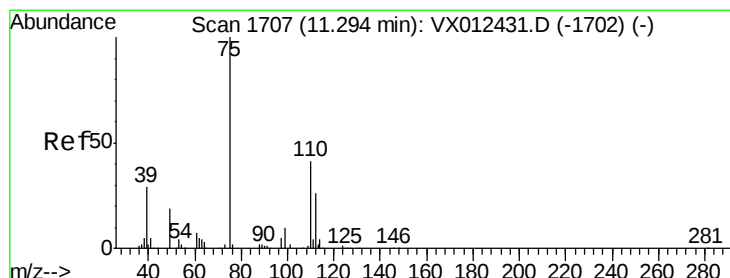
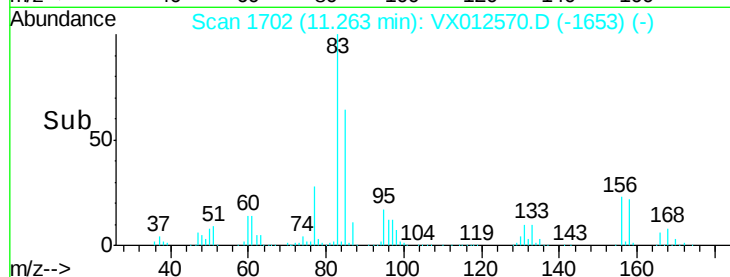
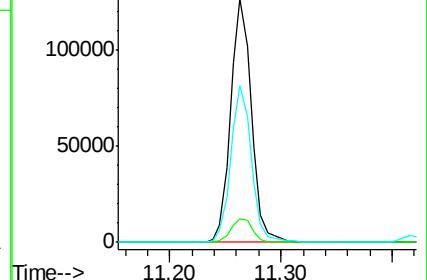
85 64.3 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 62.516 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX012570.D

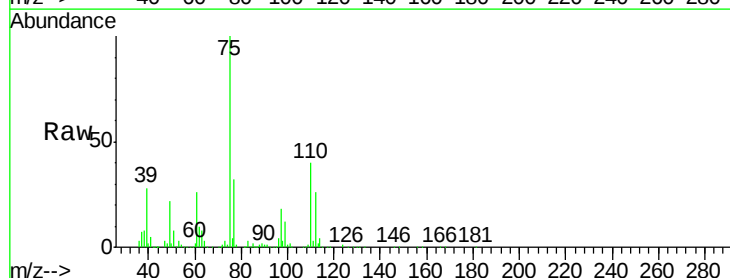
Acq: 20 Sep 2019 20:16

Tgt Ion: 75 Resp: 189443

Ion Ratio Lower Upper

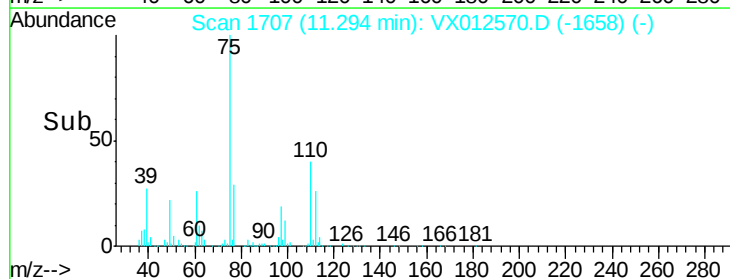
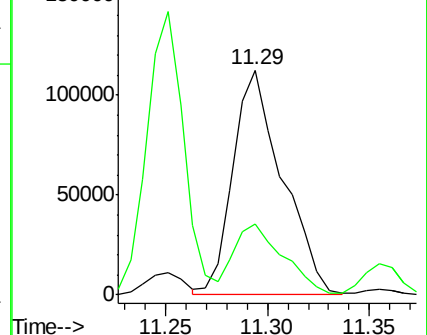
75 100

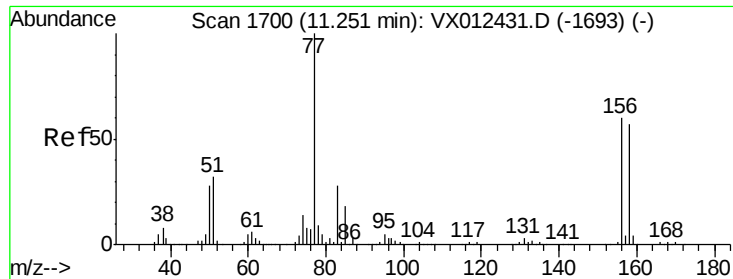
77 31.3 19.7 59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.726 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012570.D

Acq: 20 Sep 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

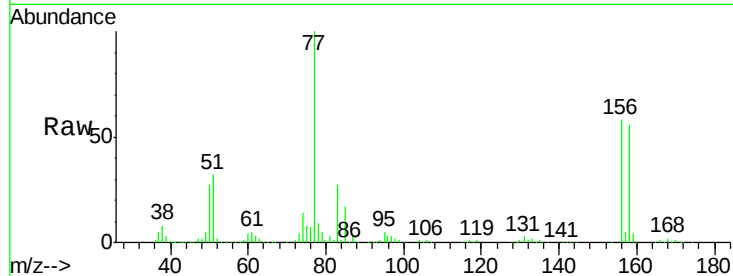
Tot Ion:156 Resp: 102399

Ion Ratio Lower Upper

156 100

77 174.5 87.3 261.8

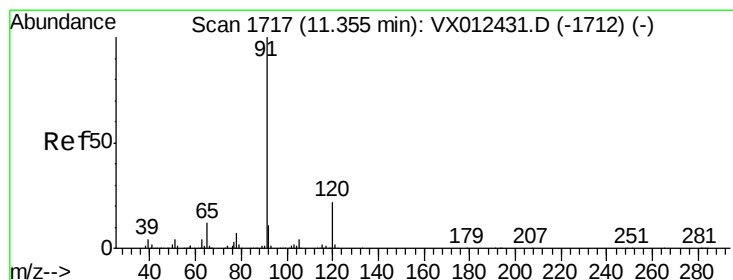
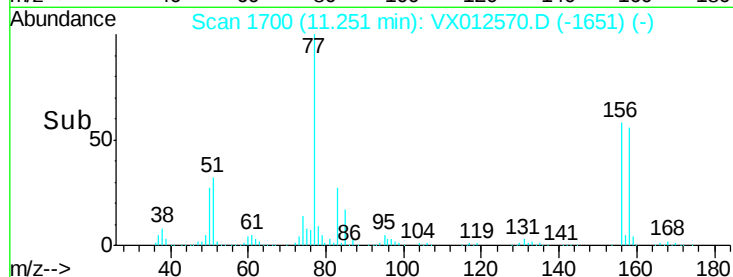
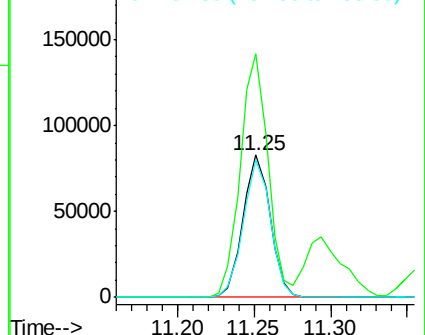
158 96.5 48.5 145.6



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: 50.070 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012570.D

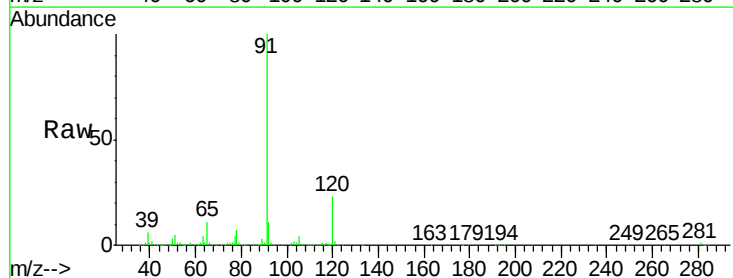
Acq: 20 Sep 2019 20:16

Tgt Ion: 91 Resp: 461911

Ion Ratio Lower Upper

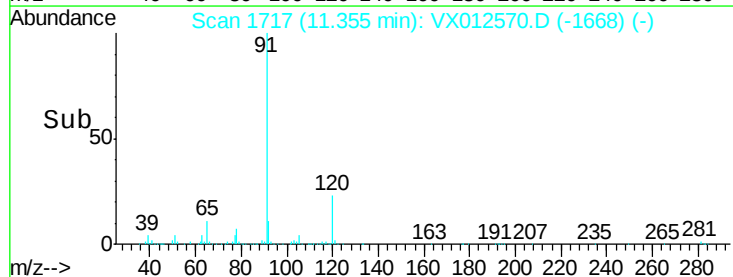
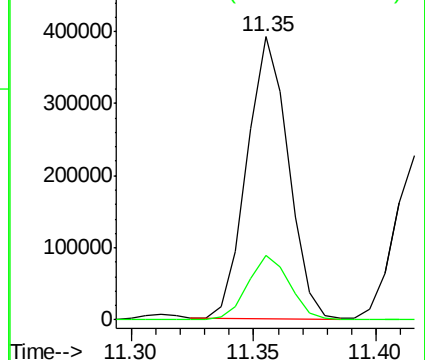
91 100

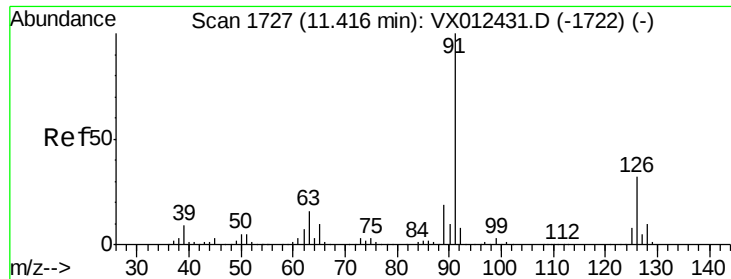
120 23.0 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

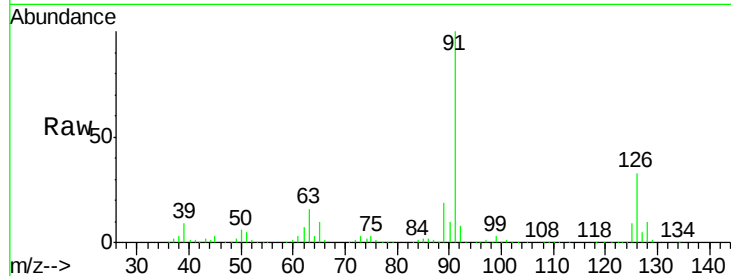




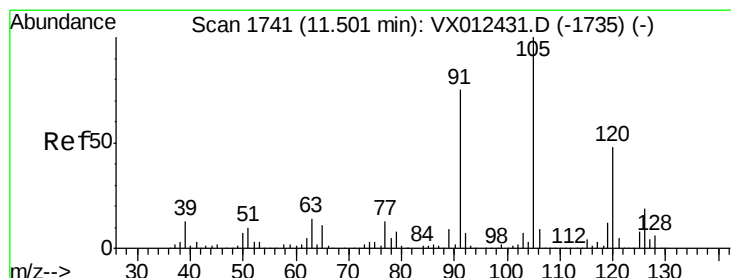
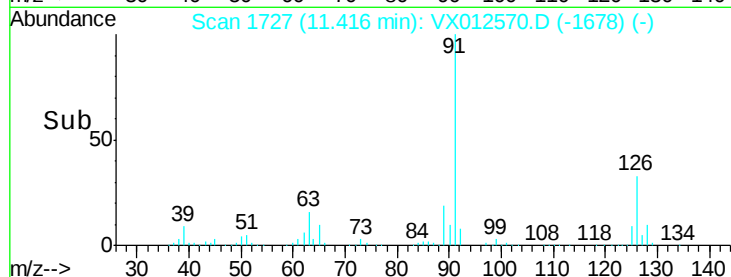
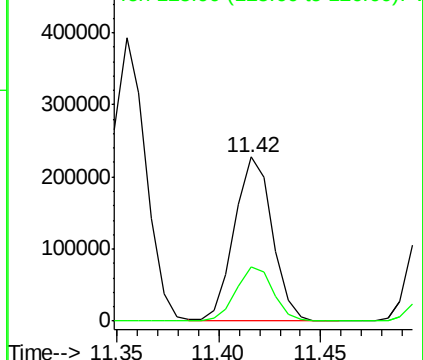
#79
 2-Chlorotoluene
 Concen: 48.754 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX012570.D
 Acq: 20 Sep 2019 20:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 292604
 Ion Ratio Lower Upper
 91 100
 126 32.7 16.4 49.4

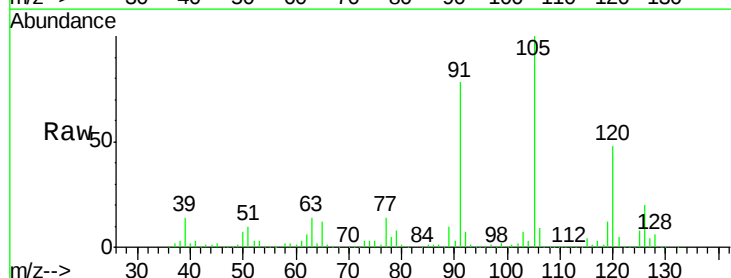


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

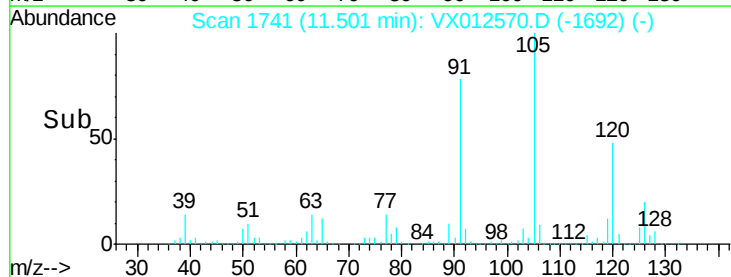
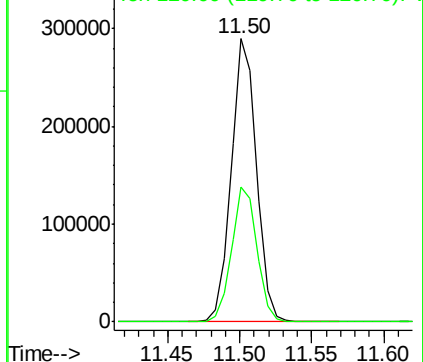


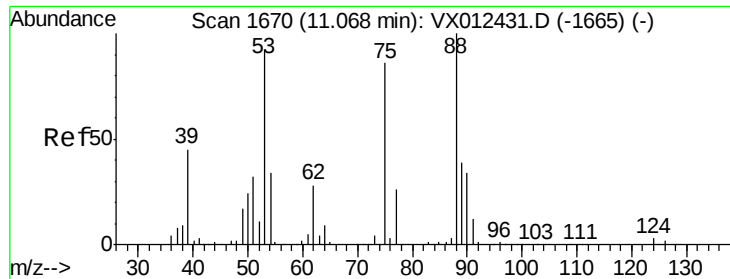
#80
 1,3,5-Trimethylbenzene
 Concen: 50.341 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012570.D
 Acq: 20 Sep 2019 20:16

Tgt Ion: 105 Resp: 355368
 Ion Ratio Lower Upper
 105 100
 120 48.2 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

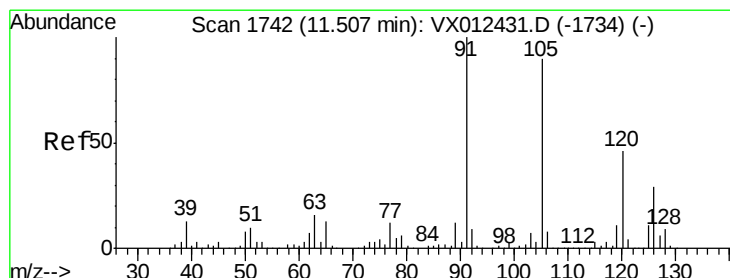
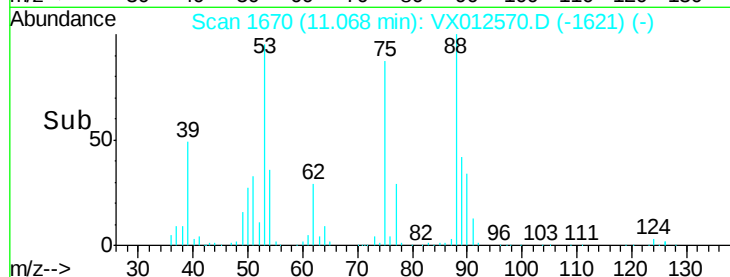
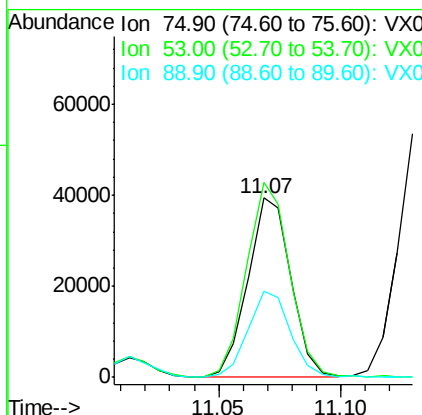
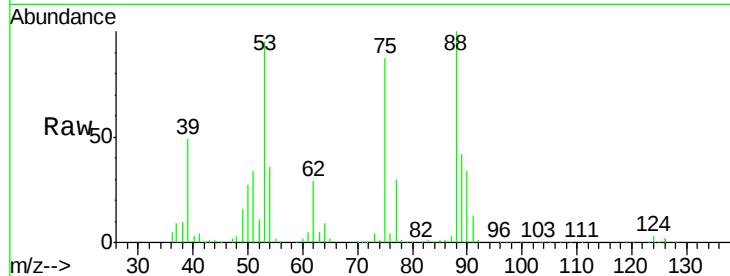




#81
trans-1,4-Dichloro-2-butene
Concen: 44.126 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX012570.D
Acq: 20 Sep 2019 20:16

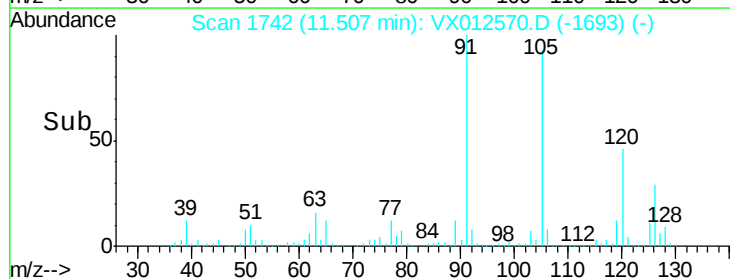
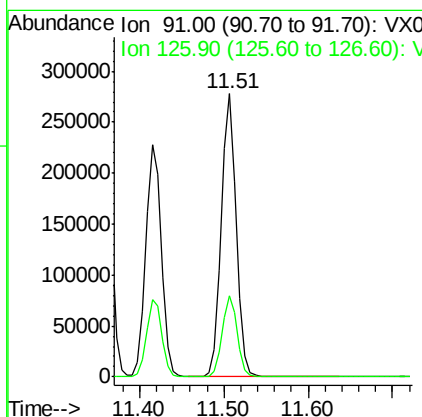
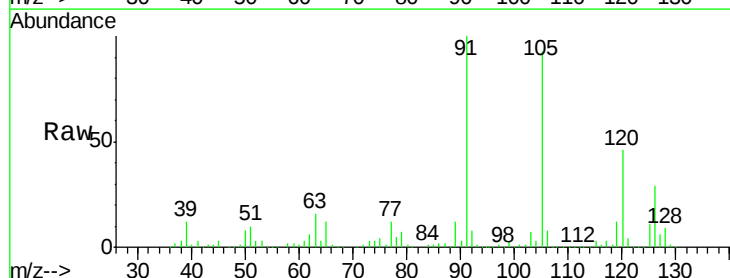
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

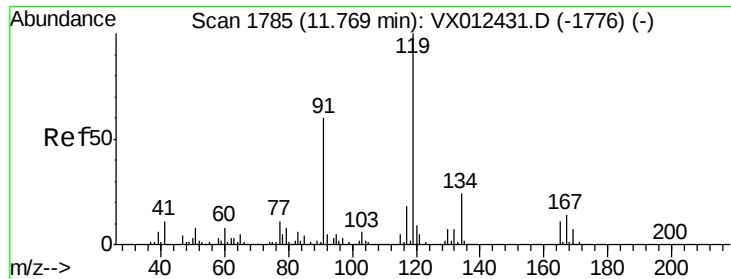
Tot Ion: 75 Resp: 48278
Ion Ratio Lower Upper
75 100
53 108.9 83.6 125.4
89 47.7 36.3 54.5



#82
4-Chlorotoluene
Concen: 49.786 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX012570.D
Acq: 20 Sep 2019 20:16

Tgt Ion: 91 Resp: 342931
Ion Ratio Lower Upper
91 100
126 28.8 14.4 43.0

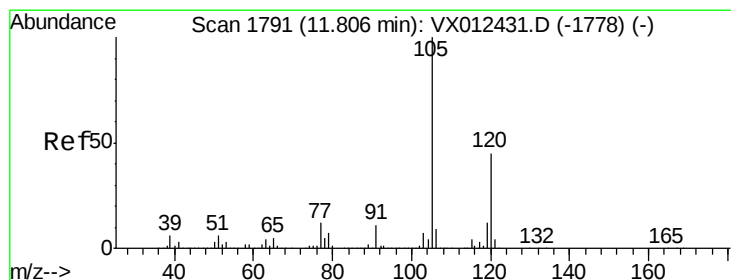
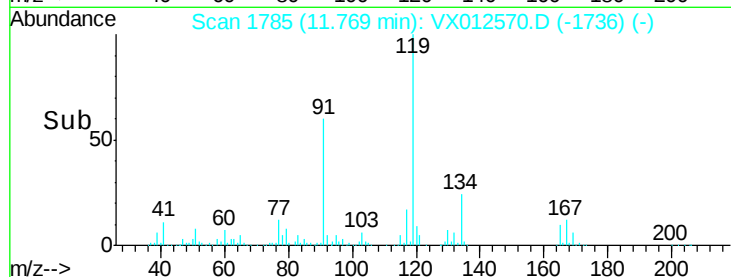
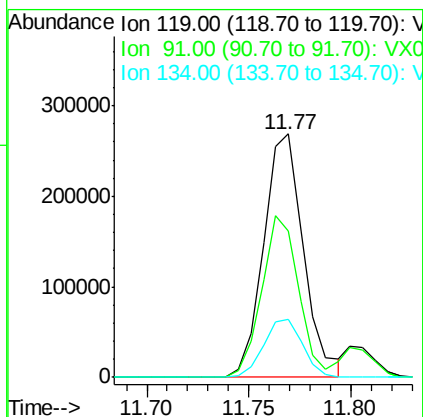
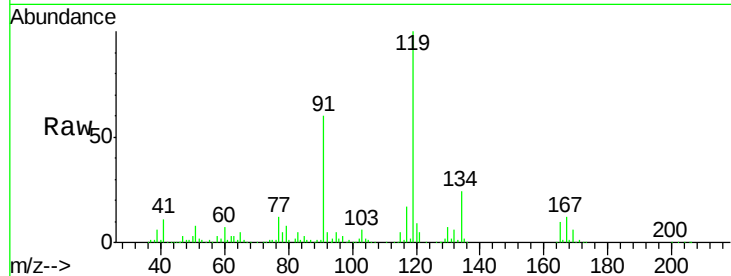




#83
tert-Butylbenzene
Concen: 48.384 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VX012570.D
Acq: 20 Sep 2019 20:16

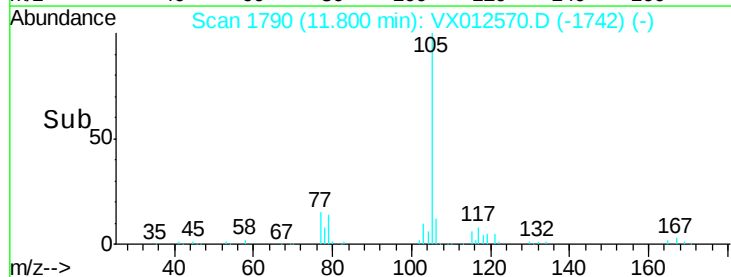
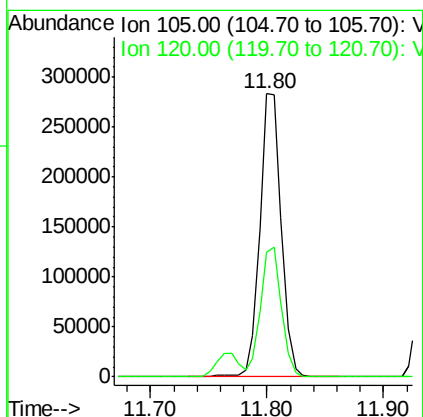
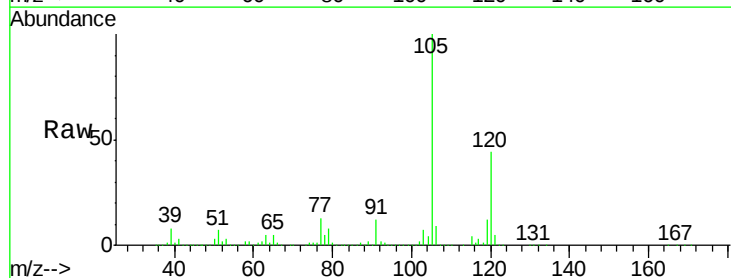
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

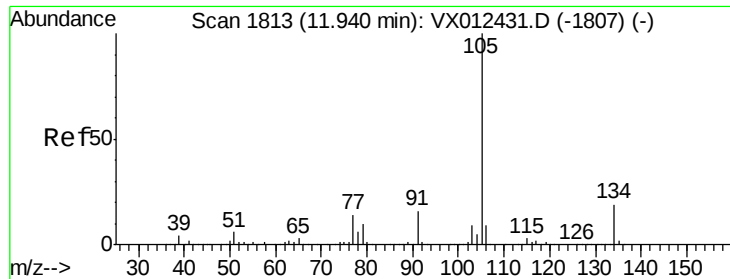
Tot Ion:119 Resp: 365984
Ion Ratio Lower Upper
119 100
91 61.5 30.0 90.0
134 23.3 11.3 33.9



#84
1,2,4-Trimethylbenzene
Concen: 49.859 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX012570.D
Acq: 20 Sep 2019 20:16

Tgt Ion:105 Resp: 361384
Ion Ratio Lower Upper
105 100
120 44.9 22.2 66.6





#85

sec-Butylbenzene

Concen: 50.055 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX012570.D

Acq: 20 Sep 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

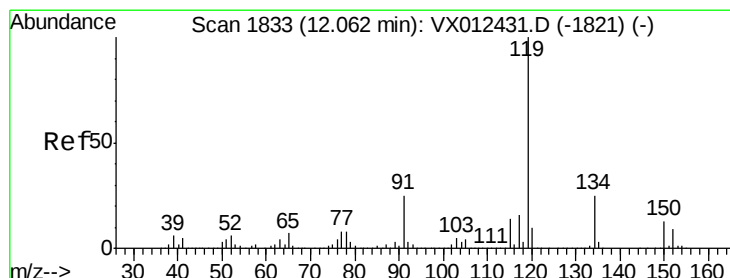
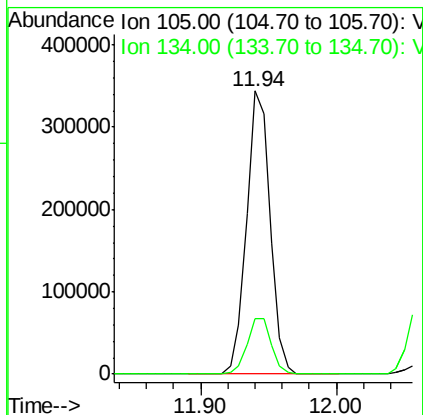
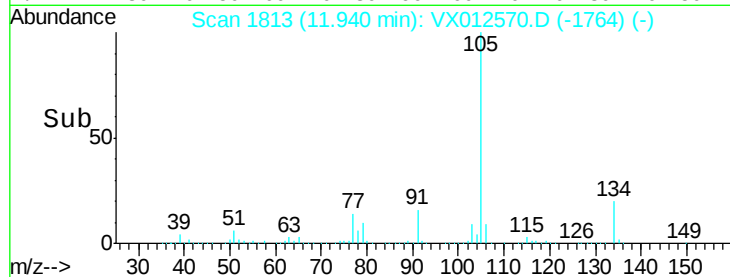
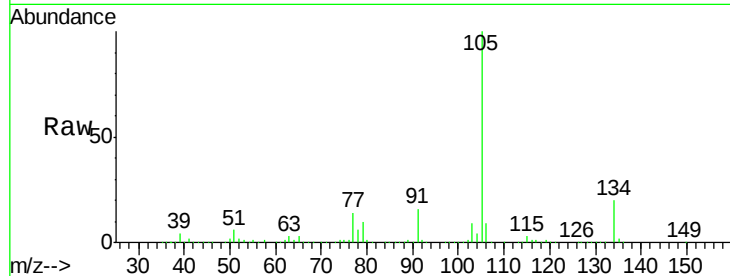
VSTDCCC050EC

Tot Ion:105 Resp: 417215

Ion Ratio Lower Upper

105 100

134 20.2 9.8 29.4



#86

p-Isopropyltoluene

Concen: 50.222 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX012570.D

Acq: 20 Sep 2019 20:16

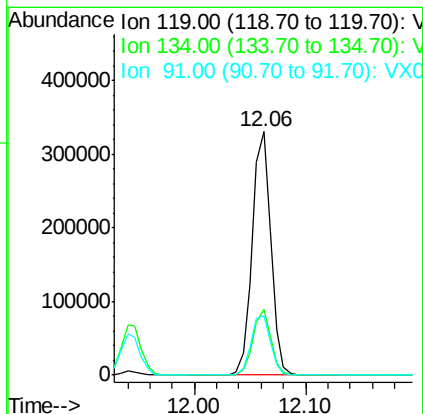
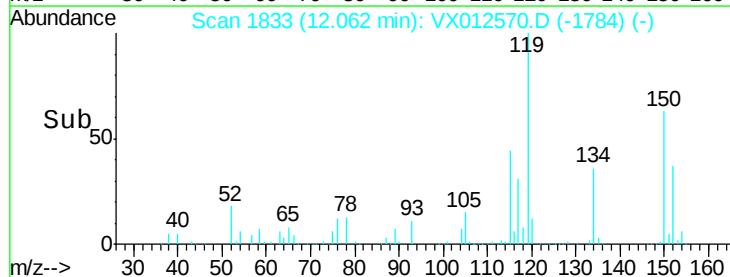
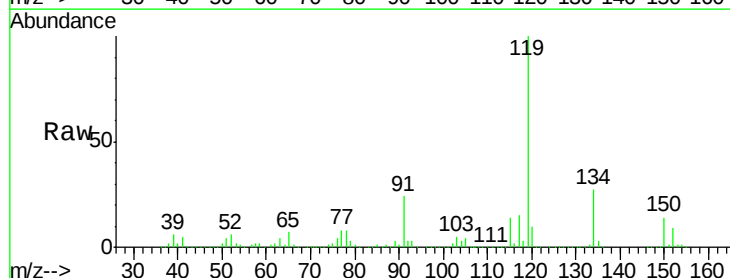
Tgt Ion:119 Resp: 384389

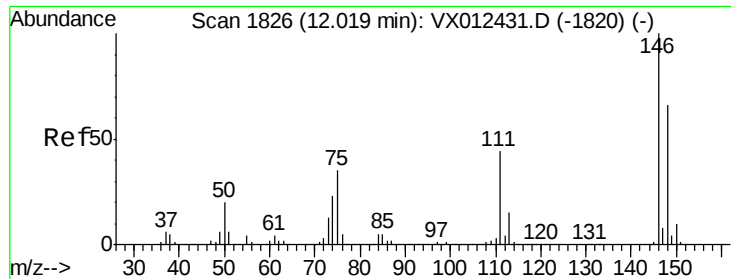
Ion Ratio Lower Upper

119 100

134 26.0 12.7 38.1

91 25.6 12.8 38.4





#87

1,3-Dichlorobenzene

Concen: 51.260 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX012570.D

Acq: 20 Sep 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

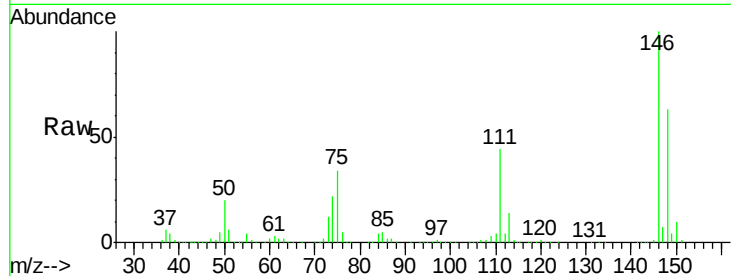
Tot Ion:146 Resp: 194650

Ion Ratio Lower Upper

146 100

111 41.8 21.3 64.0

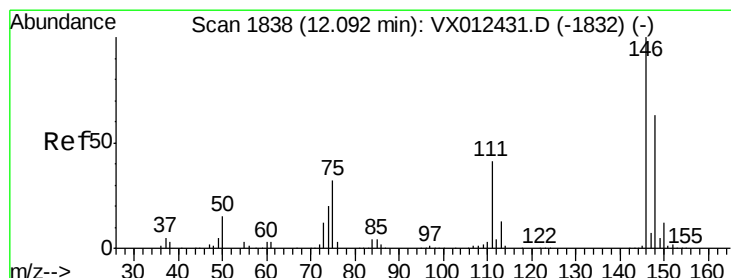
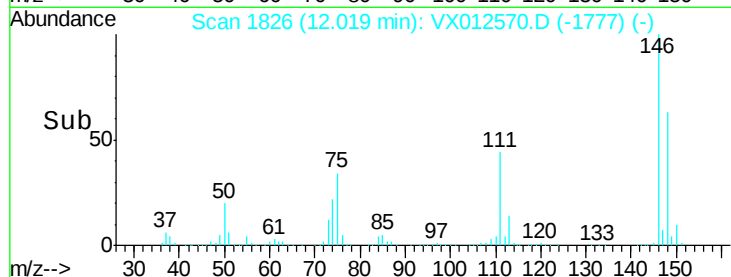
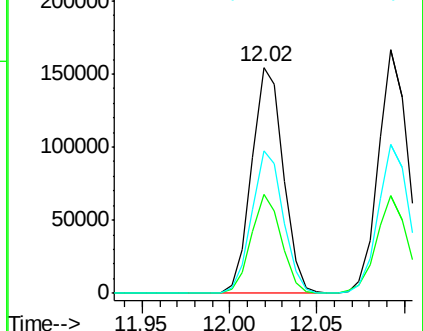
148 62.5 32.4 97.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 50.290 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX012570.D

Acq: 20 Sep 2019 20:16

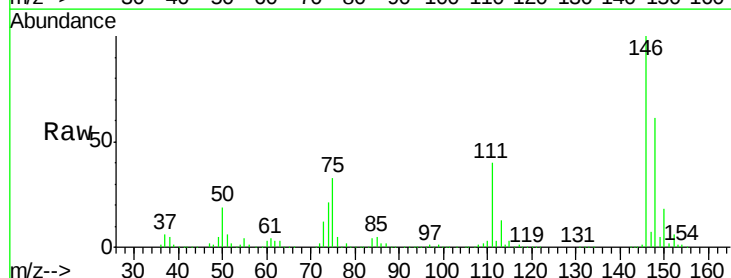
Tgt Ion:146 Resp: 196162

Ion Ratio Lower Upper

146 100

111 41.2 21.1 63.3

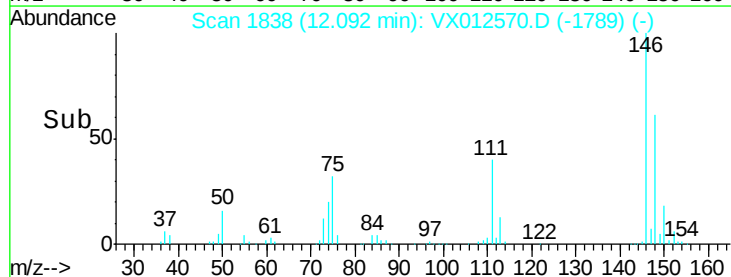
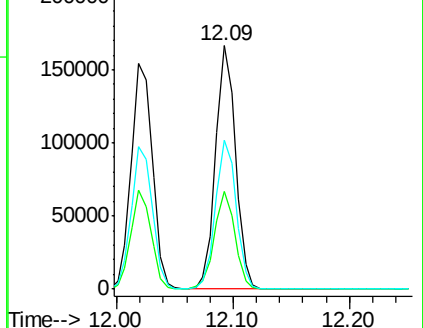
148 63.2 32.1 96.5

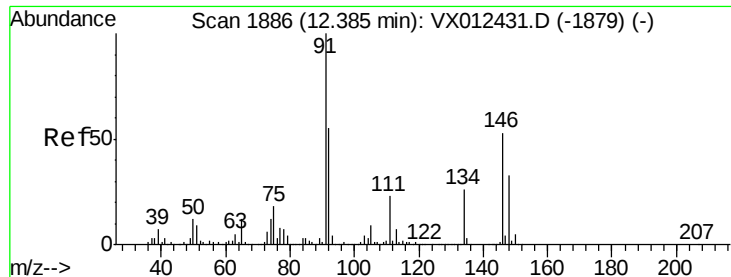


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 47.768 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX012570.D

Acq: 20 Sep 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

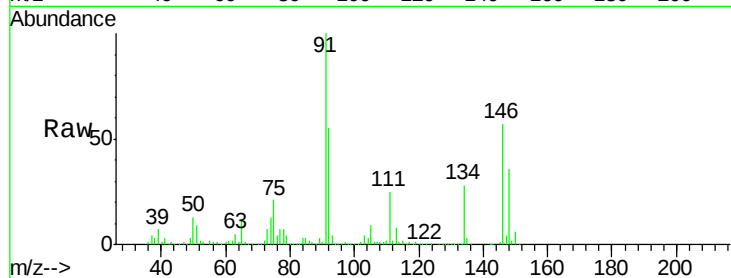
Tot Ion: 91 Resp: 326214

Ion Ratio Lower Upper

91 100

92 54.8 27.7 83.0

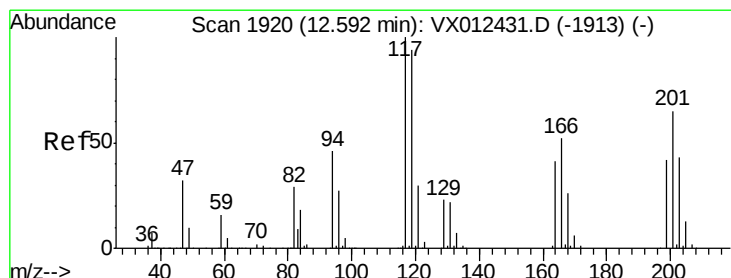
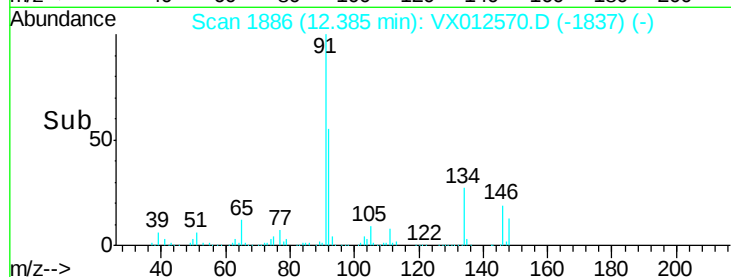
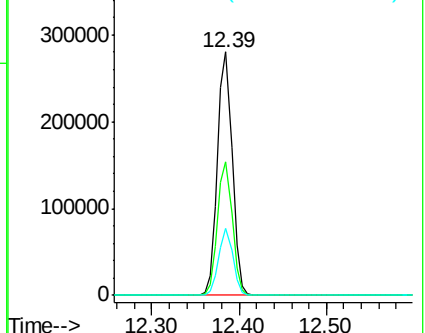
134 26.4 12.9 38.6



Abundance Ion 91.00 (90.70 to 91.70): VX012570.D (-1837) (-)

Ion 92.00 (91.70 to 92.70): VX012570.D (-1837) (-)

Ion 134.00 (133.70 to 134.70): VX012570.D (-1837) (-)



#90

Hexachloroethane

Concen: 49.116 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX012570.D

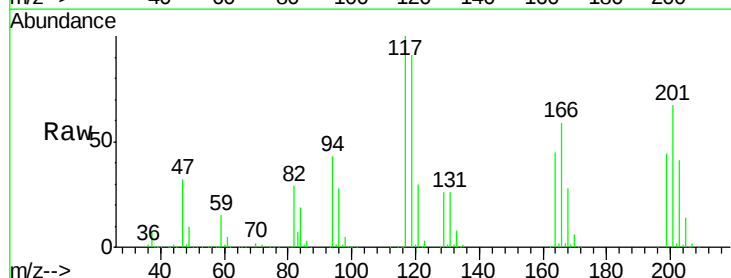
Acq: 20 Sep 2019 20:16

Tgt Ion: 117 Resp: 68929

Ion Ratio Lower Upper

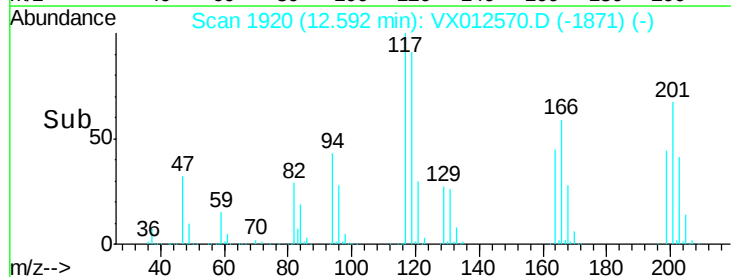
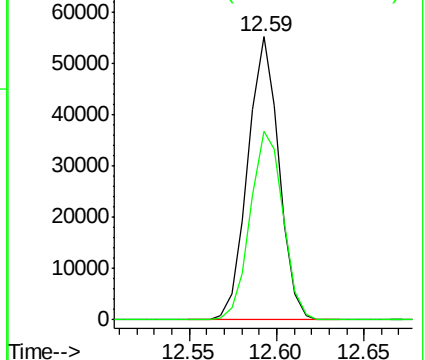
117 100

201 70.0 33.3 99.8



Abundance Ion 116.80 (116.50 to 117.50): VX012570.D (-1871) (-)

Ion 200.70 (200.40 to 201.40): VX012570.D (-1871) (-)





#91

1,2-Dichlorobenzene

Concen: 51.253 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX012570.D

Acq: 20 Sep 2019 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

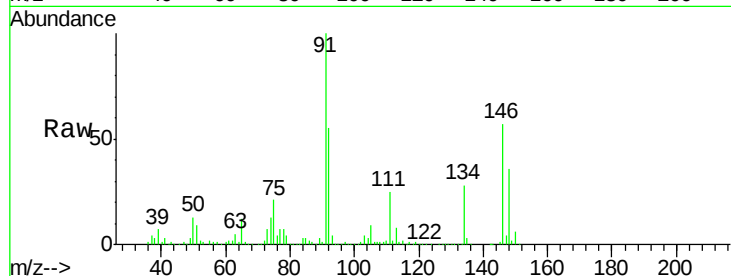
Tot Ion:146 Resp: 203415

Ion Ratio Lower Upper

146 100

111 43.2 22.1 66.1

148 64.0 31.3 93.9



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

12.39

150000

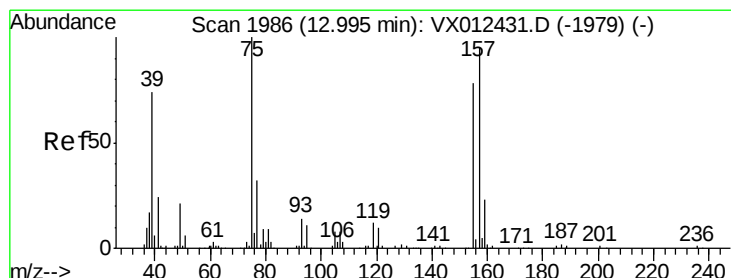
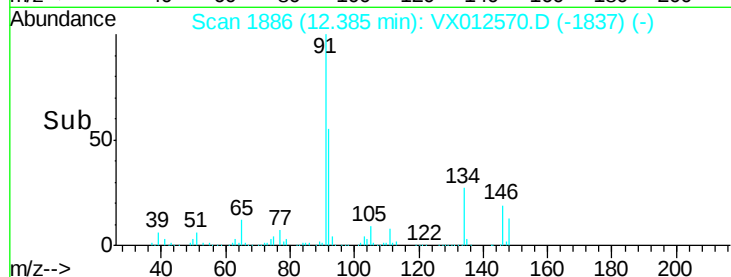
100000

50000

0

12.30 12.40 12.50

Time-->



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.455 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX012570.D

Acq: 20 Sep 2019 20:16

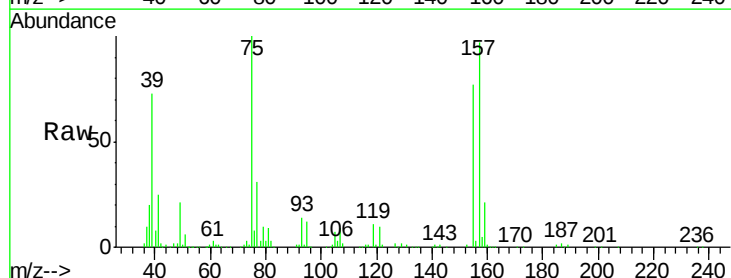
Tgt Ion: 75 Resp: 44156

Ion Ratio Lower Upper

75 100

155 78.0 38.6 115.8

157 99.0 50.6 151.9



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

12.99

40000

30000

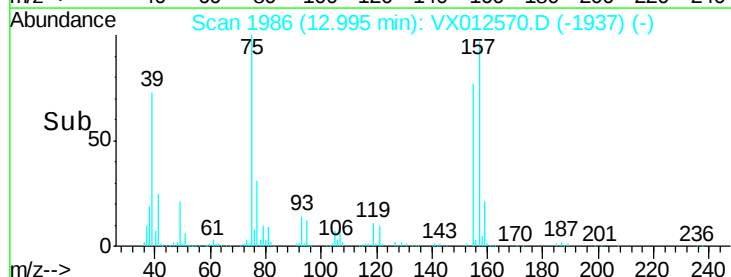
20000

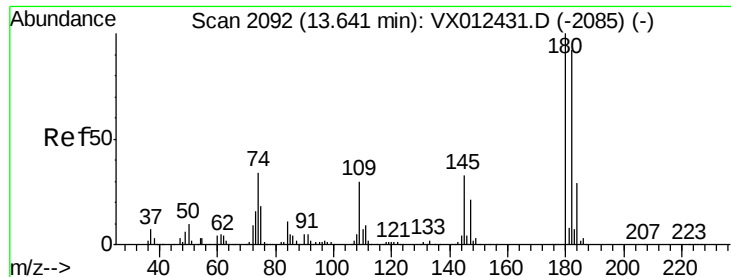
10000

0

12.95 13.00 13.05

Time-->

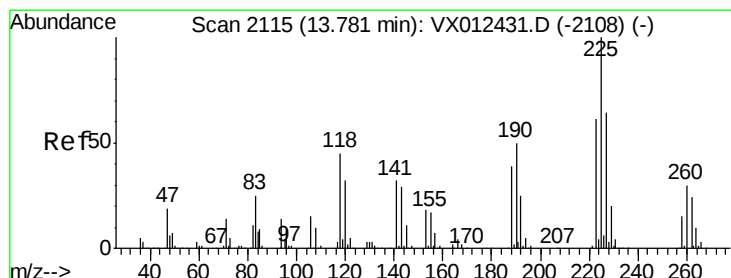
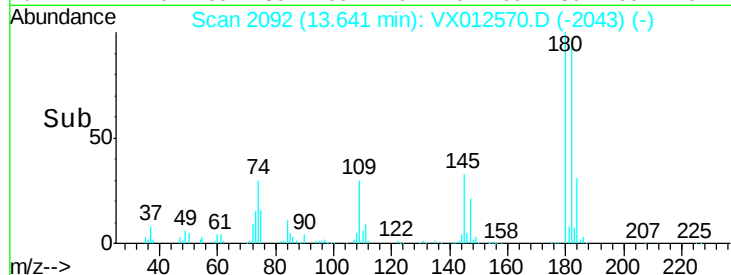
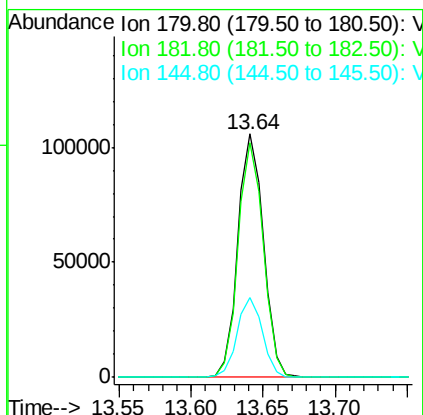
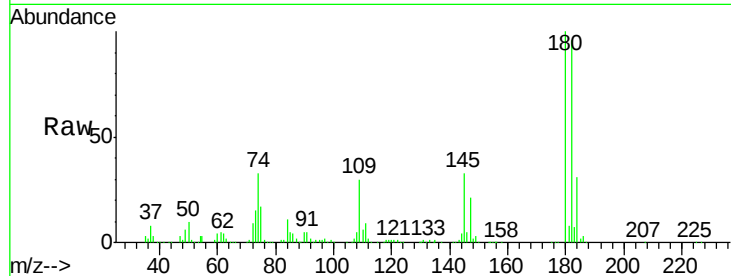




#93
 1,2,4-Trichlorobenzene
 Concen: 51.194 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX012570.D
 Acq: 20 Sep 2019 20:16

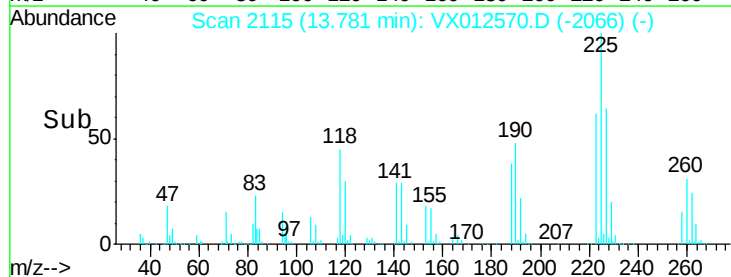
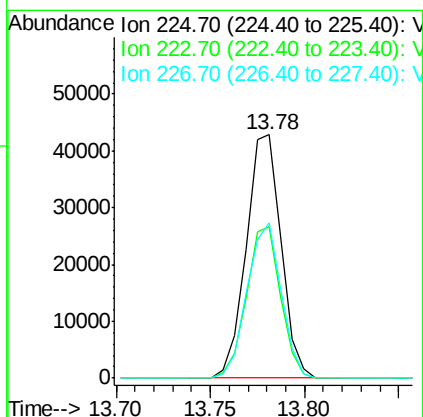
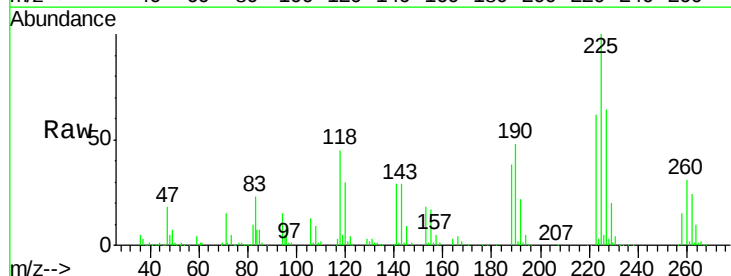
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

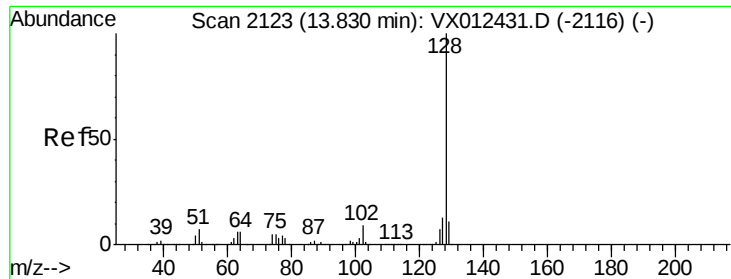
Tot Ion:180 Resp: 130872
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.0 141.0
 145 32.7 16.8 50.4



#94
 Hexachlorobutadiene
 Concen: 45.470 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VX012570.D
 Acq: 20 Sep 2019 20:16

Tgt Ion:225 Resp: 54786
 Ion Ratio Lower Upper
 225 100
 223 61.4 32.0 96.2
 227 62.3 31.9 95.5

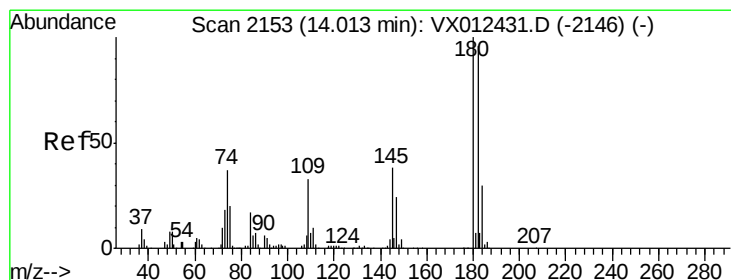
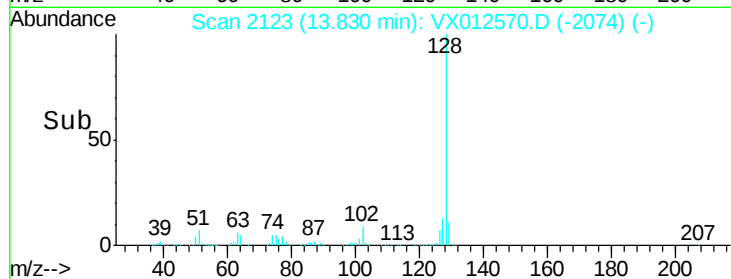
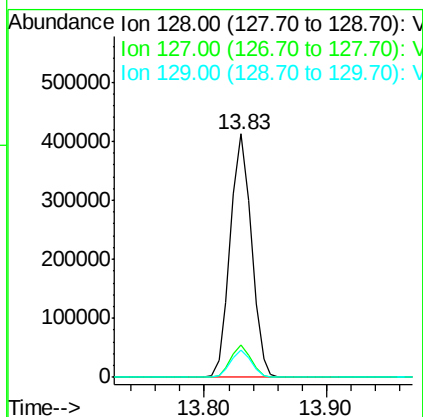
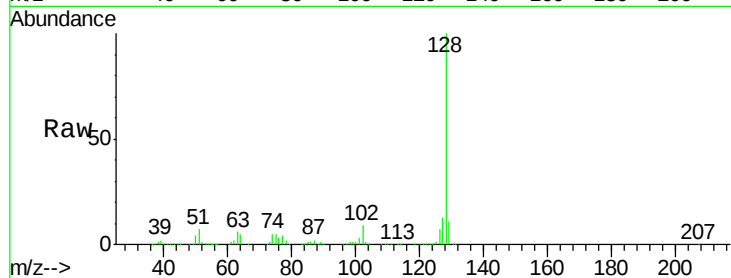




#95
Naphthalene
Concen: 54.131 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012570.D
Acq: 20 Sep 2019 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 492385
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 52.442 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. 0.01 min
Lab File: VX012570.D
Acq: 20 Sep 2019 20:16

Tgt Ion:180 Resp: 136615
Ion Ratio Lower Upper
180 100
182 94.7 47.1 141.3
145 34.6 18.0 54.0

