

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091919\
 Data File : VX012543.D
 Acq On : 19 Sep 2019 21:00
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 20 00:59:53 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	183704	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	312589	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	282232	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	133110	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	130881	49.71	ug/l	0.00
Spiked Amount			Recovery	=	99.42%	
35) Dibromofluoromethane	5.48	113	96307	50.90	ug/l	0.00
Spiked Amount			Recovery	=	101.80%	
50) Toluene-d8	8.71	98	354406	50.61	ug/l	0.00
Spiked Amount			Recovery	=	101.22%	
62) 4-Bromofluorobenzene	11.14	95	143542	49.37	ug/l	0.00
Spiked Amount			Recovery	=	98.74%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	56345	46.004	ug/l	99
3) Chloromethane	1.31	50	50379	49.883	ug/l	99
4) Vinyl Chloride	1.40	62	56245	51.526	ug/l	96
5) Bromomethane	1.62	94	20335	47.417	ug/l	94
6) Chloroethane	1.71	64	39485	46.225	ug/l	96
7) Trichlorofluoromethane	1.92	101	102183	51.066	ug/l	100
8) Diethyl Ether	2.18	74	45086	49.884	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	69874	48.262	ug/l	97
10) Methyl Iodide	2.50	142	59168	47.834	ug/l	97
11) Tert butyl alcohol	3.03	59	153736	229.783	ug/l	100
12) 1,1-Dichloroethene	2.36	96	57799	50.044	ug/l	97
13) Acrolein	2.28	56	57645	249.337	ug/l	99
14) Allyl chloride	2.72	41	136710	50.842	ug/l	99
15) Acrylonitrile	3.13	53	285026	249.823	ug/l	99
16) Acetone	2.44	43	262280	216.968	ug/l	100
17) Carbon Disulfide	2.56	76	72515	44.598	ug/l	99
18) Methyl Acetate	2.76	43	140728	51.295	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	320550	50.903	ug/l	99
20) Methylene Chloride	2.84	84	78734	49.413	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	61081	50.929	ug/l	93
22) Diisopropyl ether	3.84	45	321863	51.123	ug/l	100
23) Vinyl Acetate	3.80	43	1340425	258.818	ug/l	100
24) 1,1-Dichloroethane	3.69	63	155513	51.625	ug/l	98
25) 2-Butanone	4.66	43	416945	228.299	ug/l	98
26) 2,2-Dichloropropane	4.57	77	121895	41.145	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	91345	50.984	ug/l	97
28) Bromochloromethane	5.00	49	76572	49.307	ug/l	98
29) Tetrahydrofuran	5.11	42	255075	252.819	ug/l	100
30) Chloroform	5.20	83	170077	49.162	ug/l	98
31) Cyclohexane	5.57	56	91853	50.513	ug/l	100
32) 1,1,1-Trichloroethane	5.48	97	145715	50.395	ug/l	100
36) 1,1-Dichloropropene	5.79	75	93734	49.340	ug/l	98
37) Ethyl Acetate	4.82	43	153136	52.513	ug/l	100
38) Carbon Tetrachloride	5.78	117	114225	48.343	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091919\
 Data File : VX012543.D
 Acq On : 19 Sep 2019 21:00
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Quant Time: Sep 20 00:59:53 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)
39) Methylcyclohexane	7.46	83	92296	49.975	ug/l	98
40) Benzene	6.13	78	306930	50.806	ug/l	100
41) Methacrylonitrile	5.03	41	93360	49.720	ug/l	97
42) 1,2-Dichloroethane	6.19	62	137530	49.083	ug/l	100
43) Isopropyl Acetate	6.44	43	263724	50.387	ug/l	99
44) Trichloroethene	7.21	130	81286	51.151	ug/l	94
45) 1,2-Dichloropropane	7.51	63	93374	50.309	ug/l	97
46) Dibromomethane	7.65	93	59501	49.540	ug/l	100
47) Bromodichloromethane	7.89	83	135281	50.586	ug/l	99
48) Methyl methacrylate	7.76	41	123922	50.227	ug/l	99
49) 1,4-Dioxane	7.73	88	55791	929.108	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	852151	248.269	ug/l	99
52) Toluene	8.78	92	196251	50.414	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	139393	50.143	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	148241	51.509	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	100954	50.338	ug/l	98
56) Ethyl methacrylate	9.17	69	162316	51.765	ug/l	99
57) 1,3-Dichloropropane	9.37	76	164086	51.279	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	433947	267.353	ug/l	99
59) 2-Hexanone	9.49	43	646158	241.300	ug/l	98
60) Dibromochloromethane	9.58	129	107675	52.708	ug/l	99
61) 1,2-Dibromoethane	9.67	107	93977	51.307	ug/l	98
64) Tetrachloroethene	9.33	164	75074	58.049	ug/l	95
65) Chlorobenzene	10.14	112	233313	50.086	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	99986	51.718	ug/l	99
67) Ethyl Benzene	10.25	91	410537	51.297	ug/l	100
68) m/p-Xylenes	10.36	106	299377	102.810	ug/l	100
69) o-Xylene	10.70	106	153623	51.299	ug/l	99
70) Styrene	10.71	104	276776	52.237	ug/l	99
71) Bromoform	10.86	173	76176	46.006	ug/l #	99
73) Isopropylbenzene	11.01	105	429743	51.455	ug/l	100
74) N-amyl acetate	10.89	43	236328	52.558	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	164762	50.290	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	192948	63.104	ug/l	86
77) Bromobenzene	11.25	156	103413	50.771	ug/l	96
78) n-propylbenzene	11.35	91	482075	51.789	ug/l	99
79) 2-Chlorotoluene	11.42	91	304942	50.356	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	373001	52.367	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	49345	44.658	ug/l	97
82) 4-Chlorotoluene	11.51	91	354604	51.021	ug/l	99
83) tert-Butylbenzene	11.77	119	380682	49.877	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	380017	51.961	ug/l	100
85) sec-Butylbenzene	11.94	105	427119	50.785	ug/l	99
86) p-Isopropyltoluene	12.06	119	390892	50.615	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	198146	51.715	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	198392	50.407	ug/l	100
89) n-Butylbenzene	12.39	91	335096	48.631	ug/l	99
90) Hexachloroethane	12.59	117	71568	50.541	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	203336	50.775	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	43793	51.559	ug/l	98

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091919\
Data File : VX012543.D
Acq On : 19 Sep 2019 21:00
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Sep 20 00:59:53 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 17 15:27:10 2019
Response via : Initial Calibration

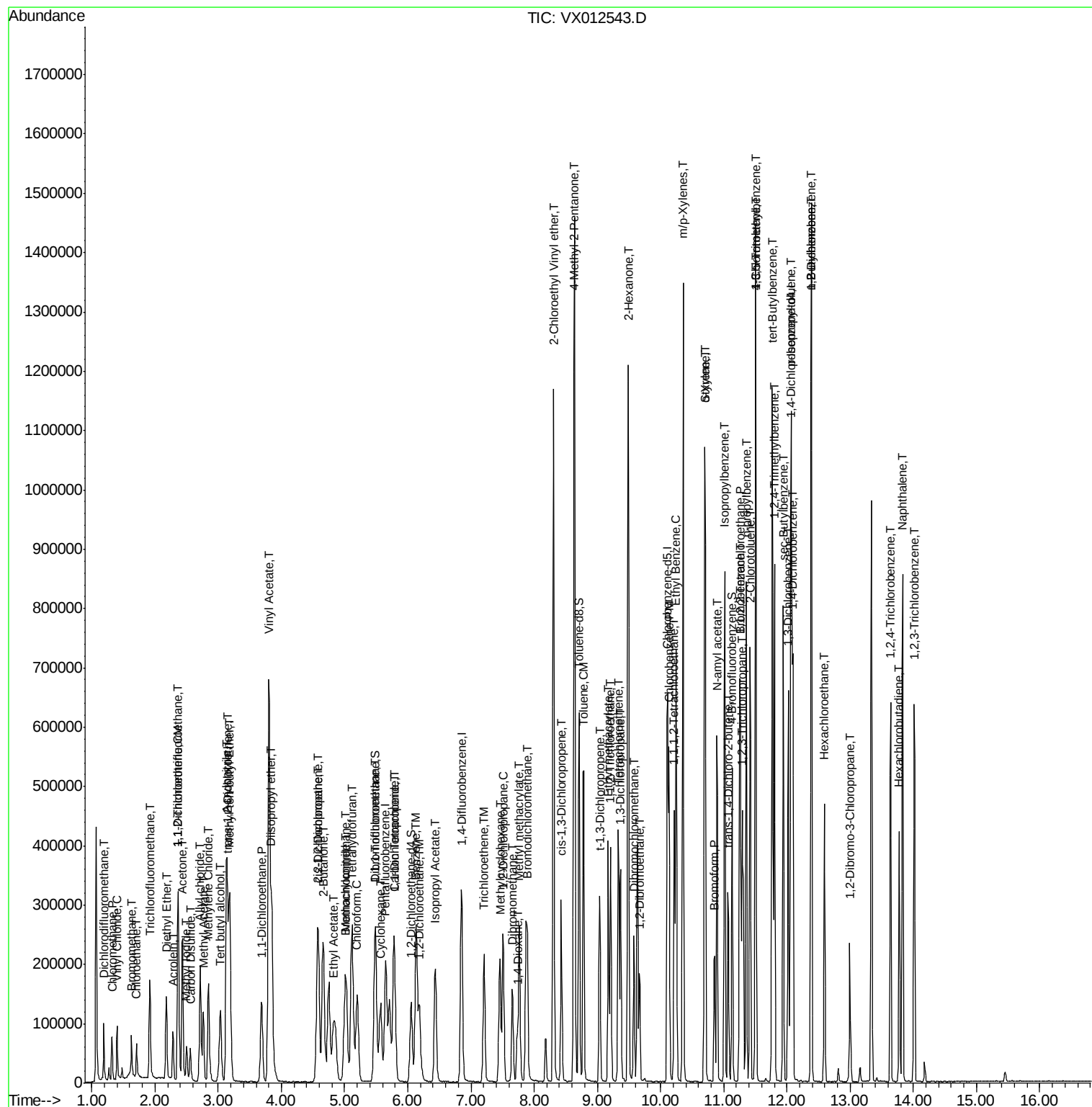
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	134069	51.976	ug/l	98
94) Hexachlorobutadiene	13.78	225	53906	44.340	ug/l	99
95) Naphthalene	13.83	128	506191	55.151	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	141383	53.788	ug/l	99

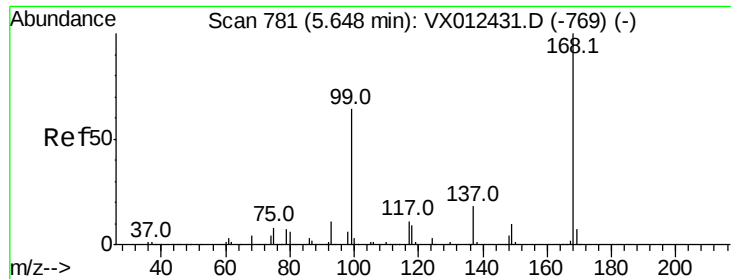
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091919\
 Data File : VX012543.D
 Acq On : 19 Sep 2019 21:00
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 20 00:59:53 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

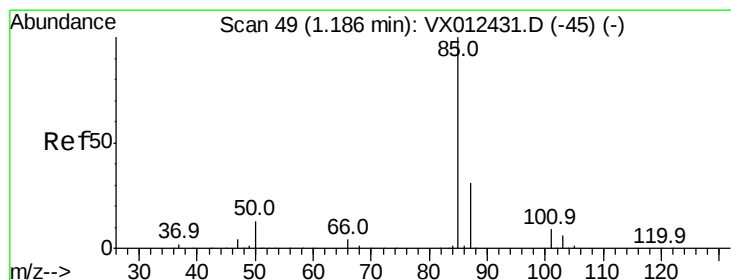
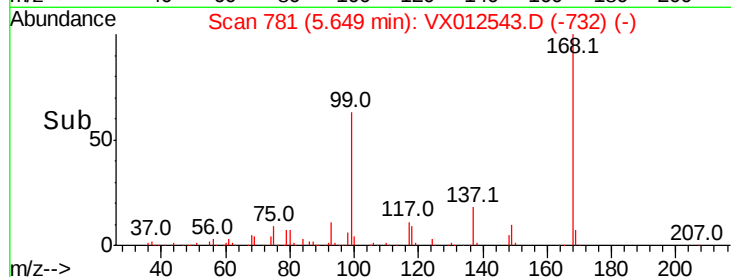
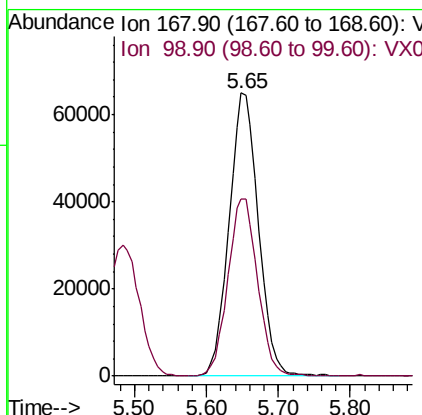
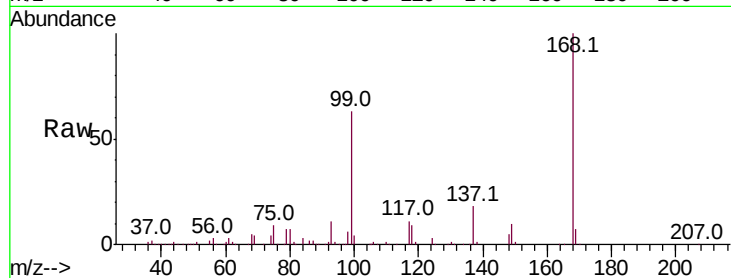




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.00 min
Lab File: VX012543.D
Acq: 19 Sep 2019 21:00

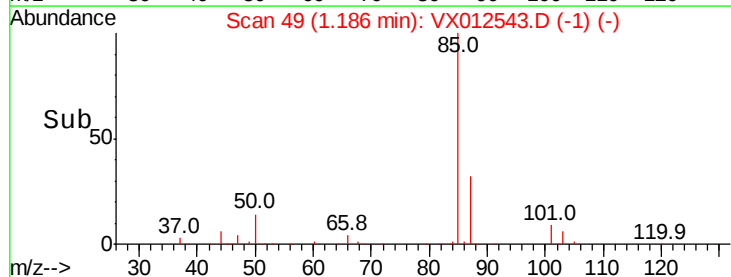
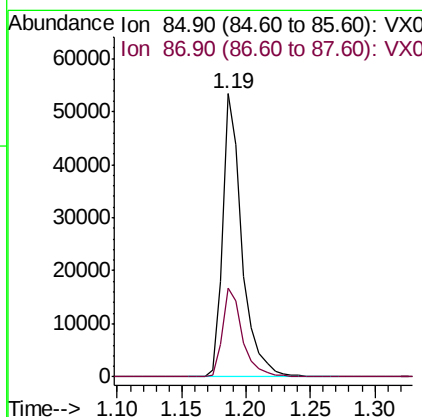
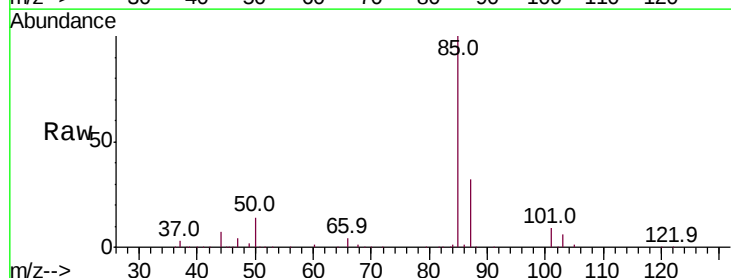
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

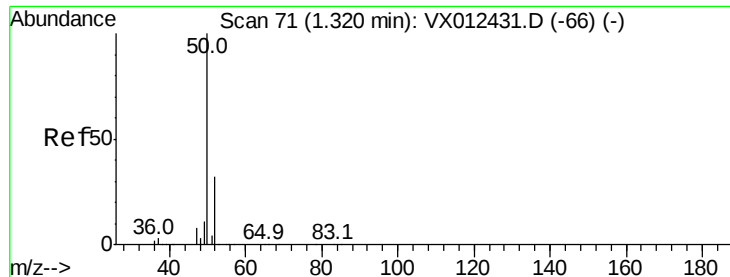
Tot Ion:168 Resp: 183704
Ion Ratio Lower Upper
168 100
99 62.4 51.4 77.2



#2
Dichlorodifluoromethane
Concen: 46.004 ug/l
RT: 1.19 min Scan# 49
Delta R.T. 0.00 min
Lab File: VX012543.D
Acq: 19 Sep 2019 21:00

Tgt Ion: 85 Resp: 56345
Ion Ratio Lower Upper
85 100
87 31.5 15.6 46.8





#3

Chloromethane

Concen: 49.883 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.01 min

Lab File: VX012543.D

Acq: 19 Sep 2019 21:00

Instrument :

MSVOA_X

ClientSampleId :

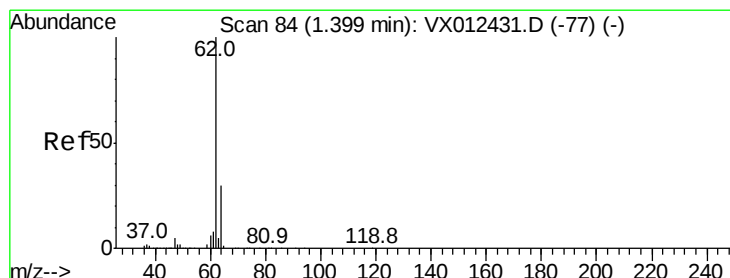
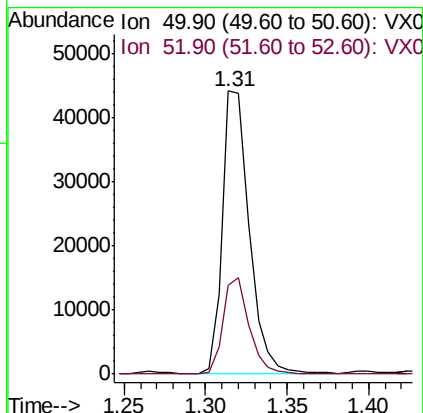
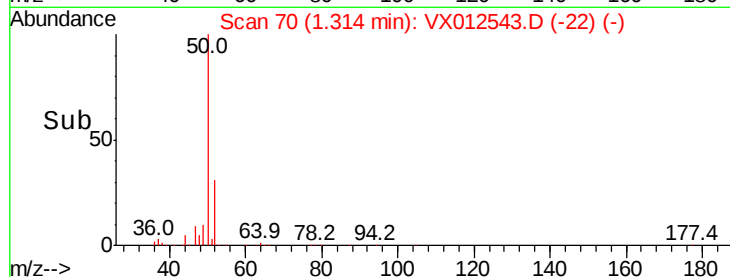
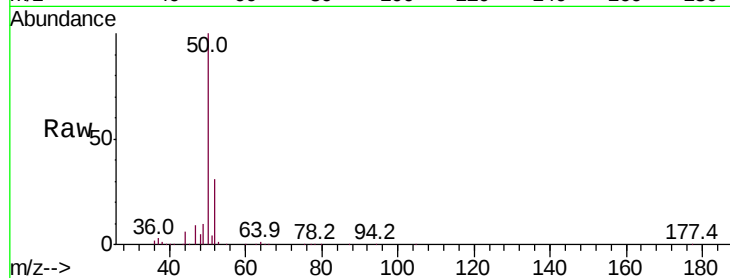
VSTDCCC050EC

Tot Ion: 50 Resp: 50379

Ion Ratio Lower Upper

50 100

52 31.3 25.7 38.5



#4

Vinyl Chloride

Concen: 51.526 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012543.D

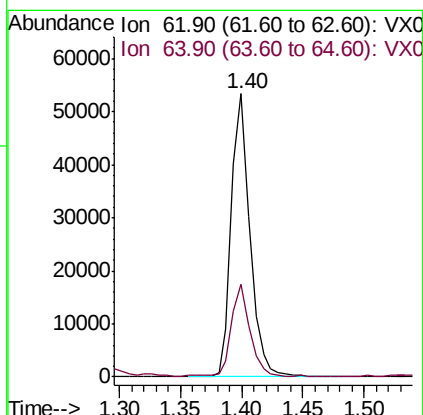
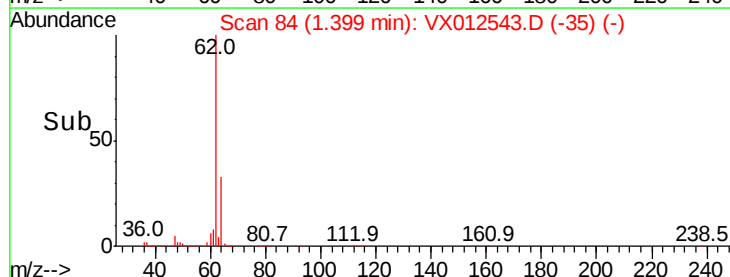
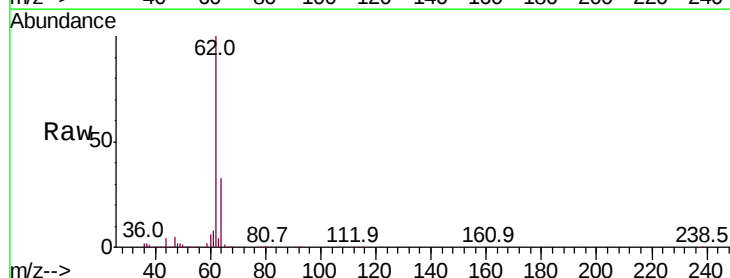
Acq: 19 Sep 2019 21:00

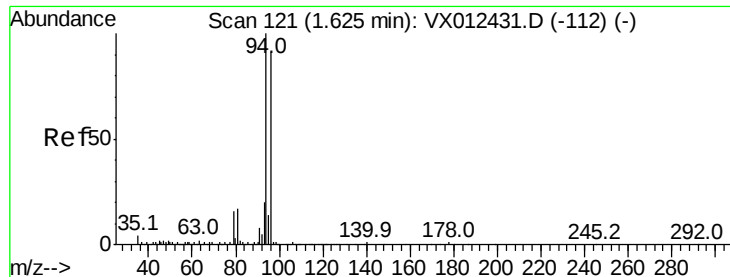
Tgt Ion: 62 Resp: 56245

Ion Ratio Lower Upper

62 100

64 32.5 24.2 36.2





#5

Bromomethane

Concen: 47.417 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX012543.D

Acq: 19 Sep 2019 21:00

Instrument :

MSVOA_X

ClientSampleId :

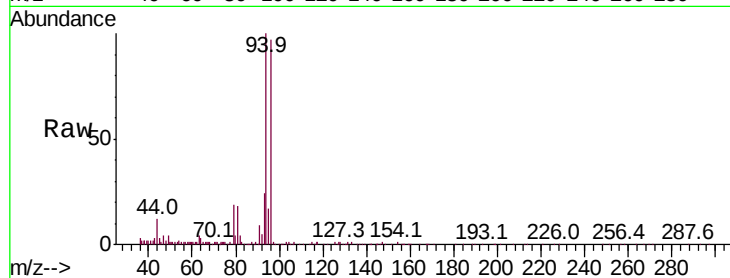
VSTDCCC050EC

Tot Ion: 94 Resp: 20335

Ion Ratio Lower Upper

94 100

96 97.1 72.8 109.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

20000

15000

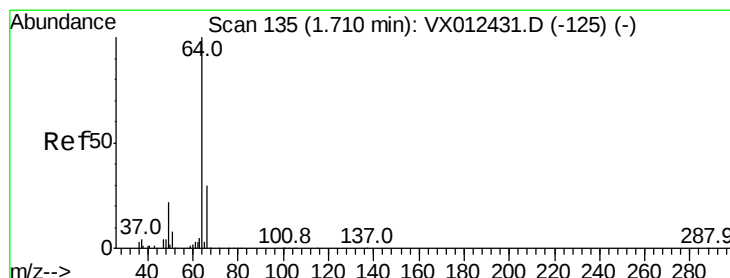
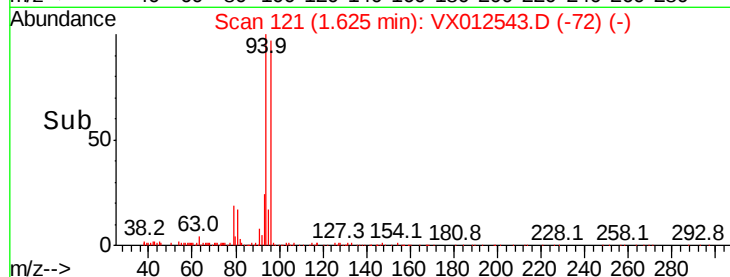
10000

5000

0

1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 46.225 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX012543.D

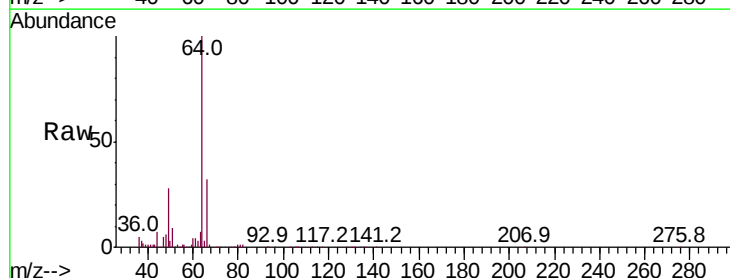
Acq: 19 Sep 2019 21:00

Tgt Ion: 64 Resp: 39485

Ion Ratio Lower Upper

64 100

66 32.0 24.0 36.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

30000

25000

20000

15000

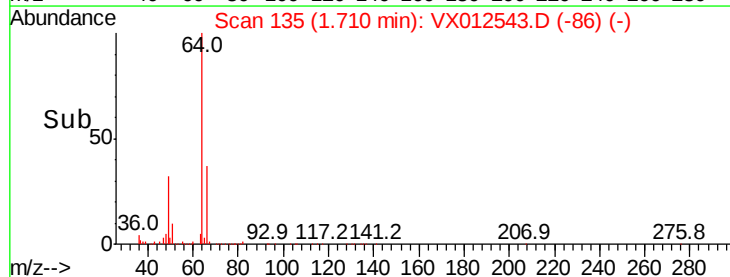
10000

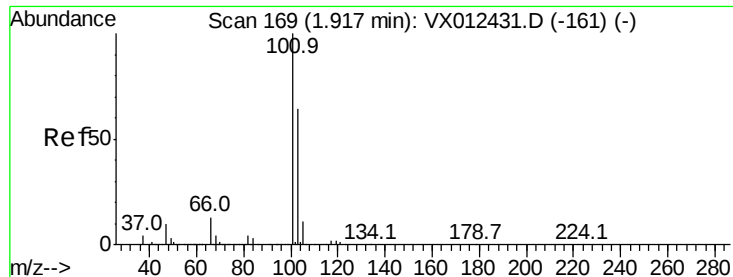
5000

0

1.60 1.65 1.70 1.75 1.80

Time-->



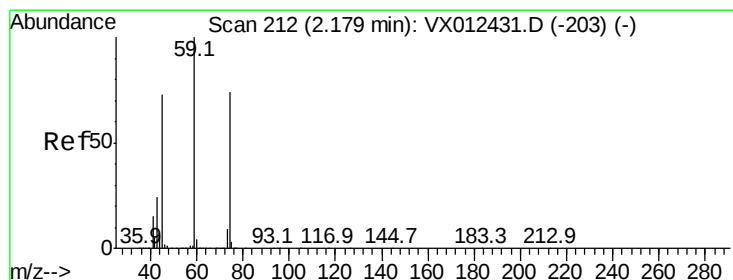
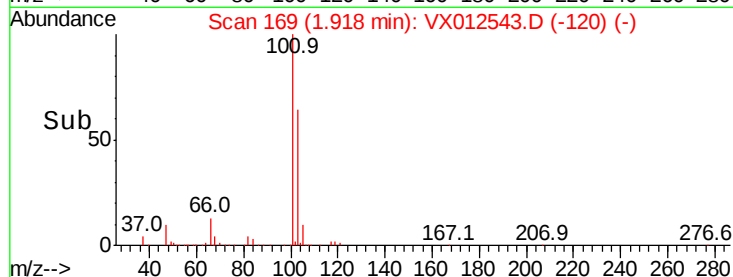
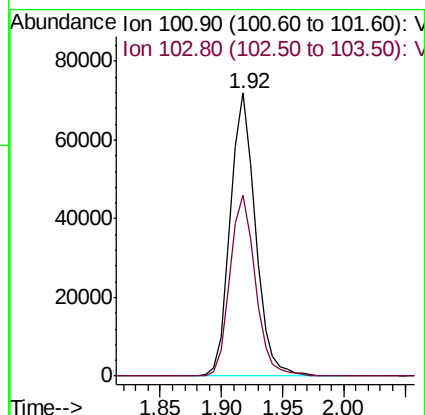
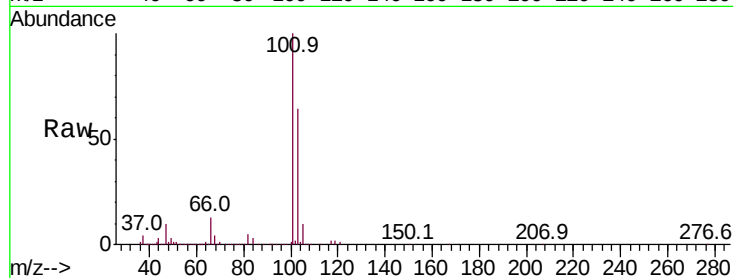


#7

Trichlorofluoromethane
 Concen: 51.066 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX012543.D
 Acq: 19 Sep 2019 21:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

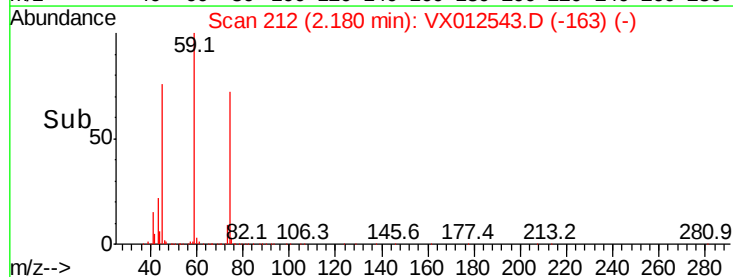
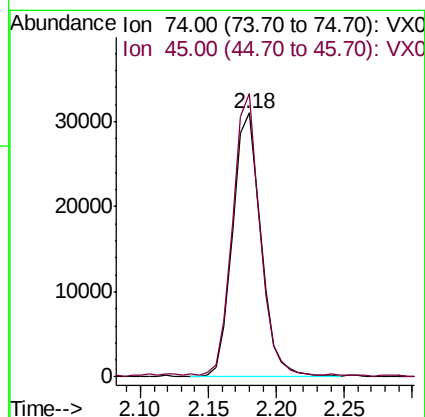
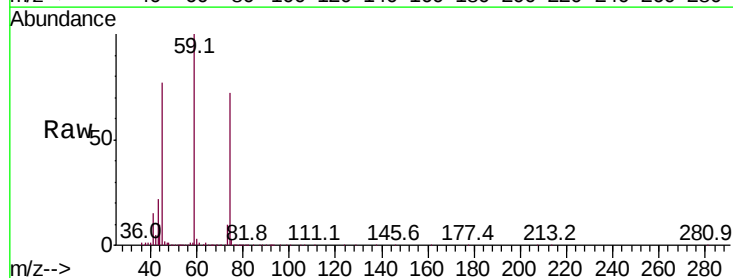
Tot Ion:101 Resp: 102183
 Ion Ratio Lower Upper
 101 100
 103 64.1 51.0 76.4

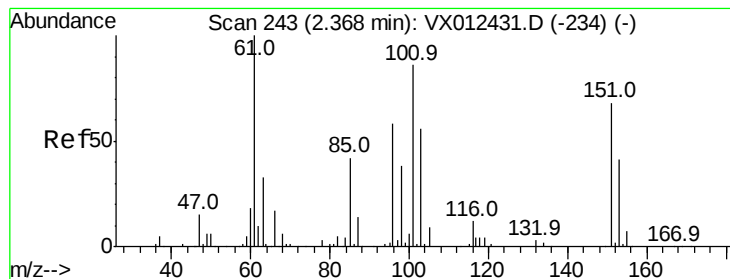


#8

Diethyl Ether
 Concen: 49.884 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX012543.D
 Acq: 19 Sep 2019 21:00

Tgt Ion: 74 Resp: 45086
 Ion Ratio Lower Upper
 74 100
 45 102.3 49.9 149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.262 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX012543.D

Acq: 19 Sep 2019 21:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

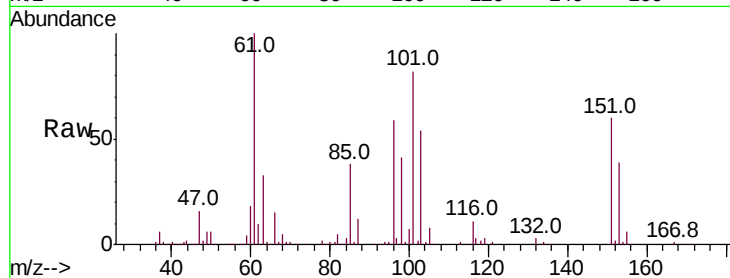
Tot Ion:101 Resp: 69874

Ion Ratio Lower Upper

101 100

85 45.4 37.3 55.9

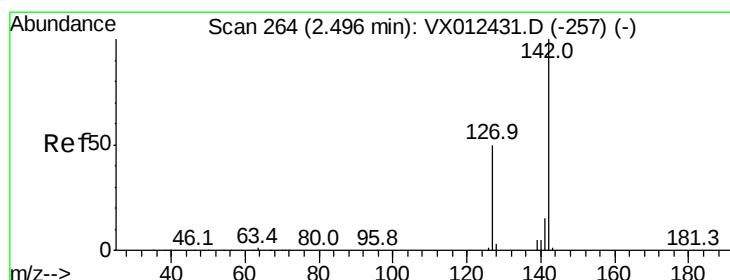
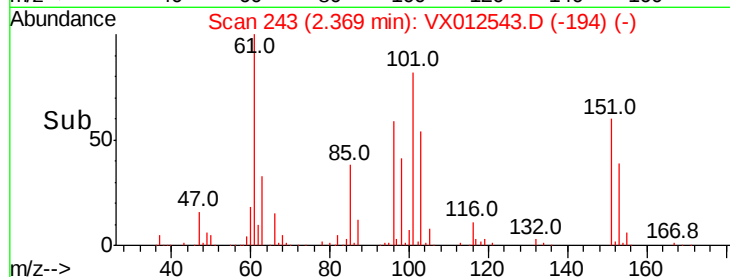
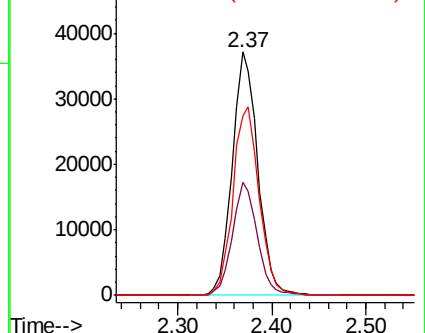
151 79.6 61.0 91.4



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: 47.834 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX012543.D

Acq: 19 Sep 2019 21:00

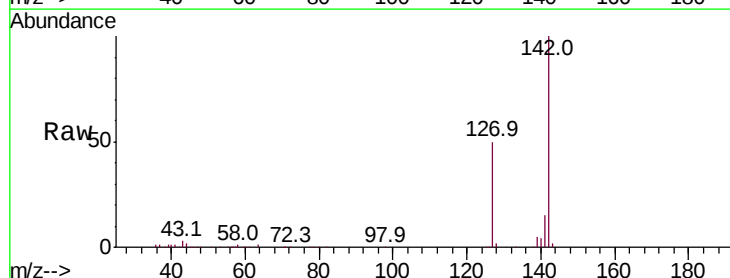
Tgt Ion:142 Resp: 59168

Ion Ratio Lower Upper

142 100

127 48.8 40.8 61.2

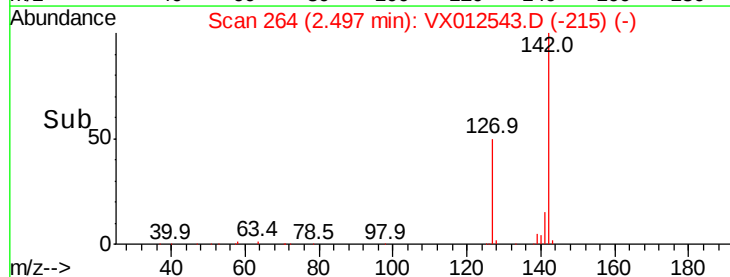
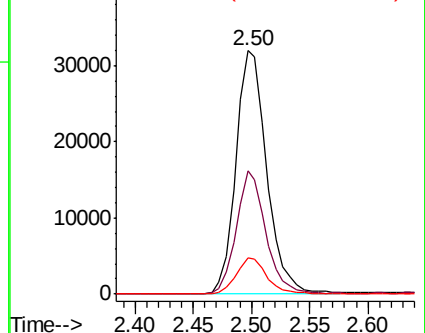
141 14.9 12.1 18.1

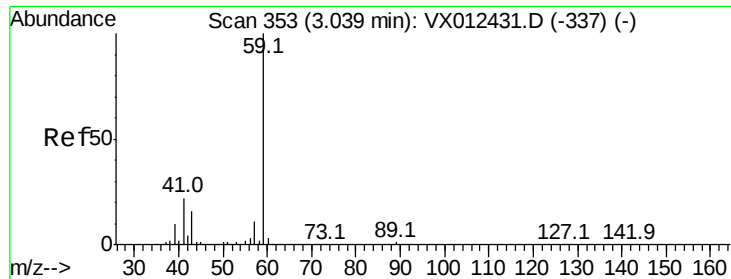


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



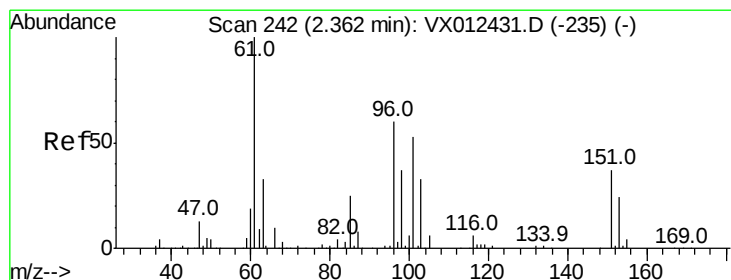
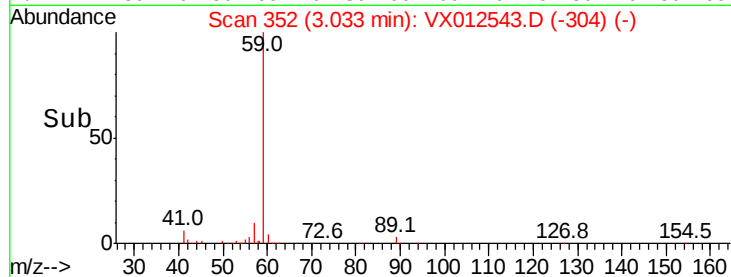
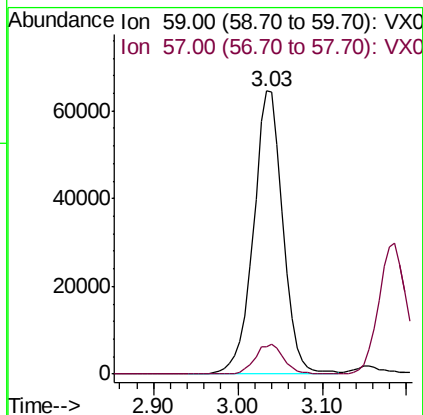
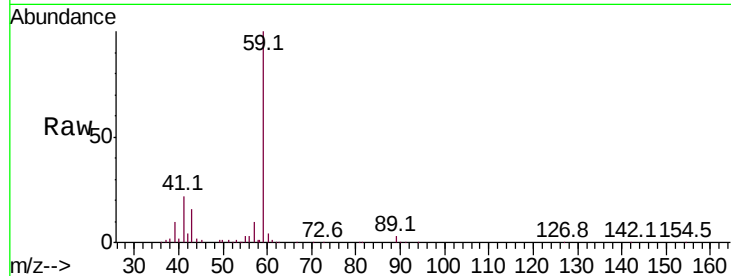


#11

Tert butyl alcohol
 Concen: 229.783 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VX012543.D
 Acq: 19 Sep 2019 21:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

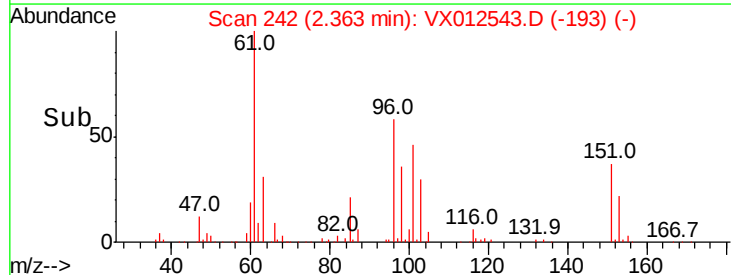
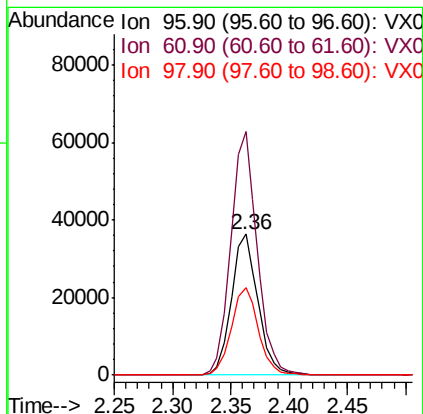
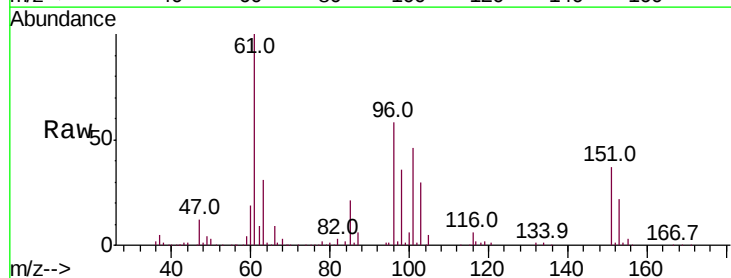
Tot Ion: 59 Resp: 153736
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.3 12.5

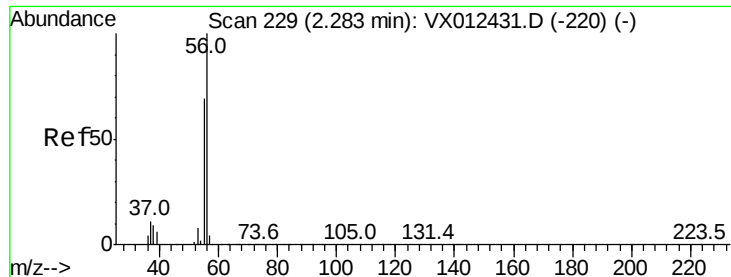


#12

1,1-Dichloroethene
 Concen: 50.044 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. 0.00 min
 Lab File: VX012543.D
 Acq: 19 Sep 2019 21:00

Tgt Ion: 96 Resp: 57799
 Ion Ratio Lower Upper
 96 100
 61 173.1 133.8 200.6
 98 62.5 49.9 74.9





#13

Acrolein

Concen: 249.337 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX012543.D

Acq: 19 Sep 2019 21:00

Instrument :

MSVOA_X

ClientSampleId :

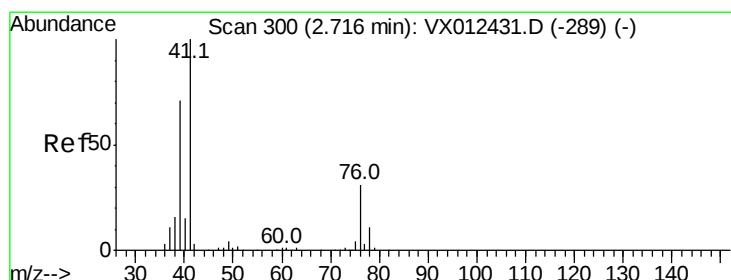
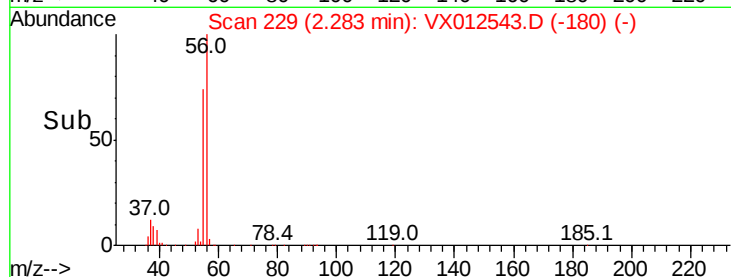
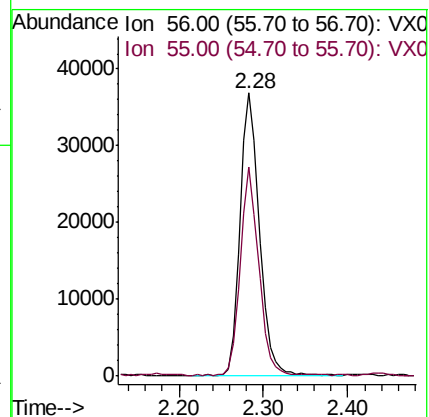
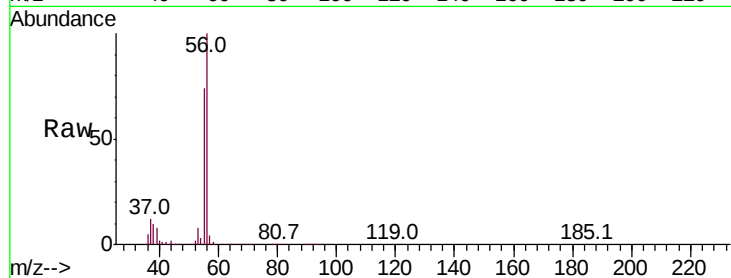
VSTDCCC050EC

Tot Ion: 56 Resp: 57645

Ion Ratio Lower Upper

56 100

55 69.3 55.8 83.8



#14

Allyl chloride

Concen: 50.842 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX012543.D

Acq: 19 Sep 2019 21:00

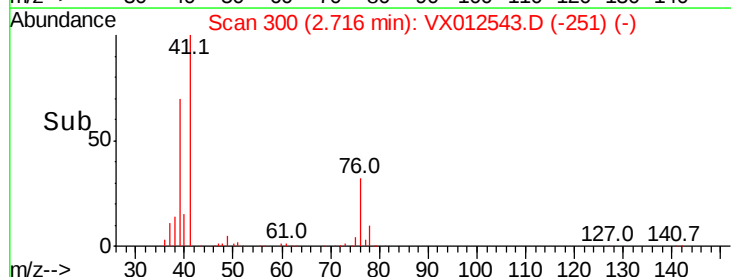
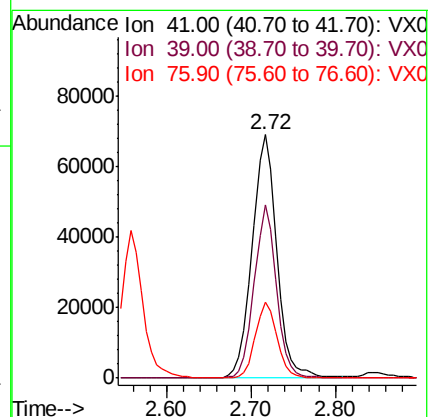
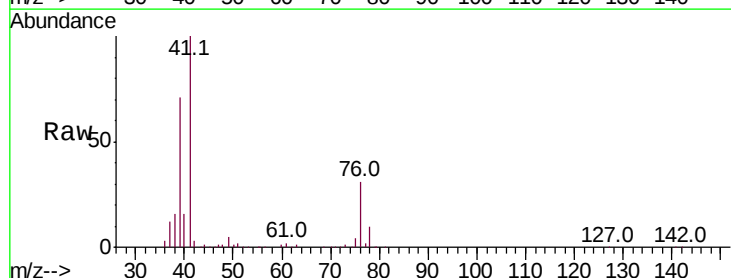
Tgt Ion: 41 Resp: 136710

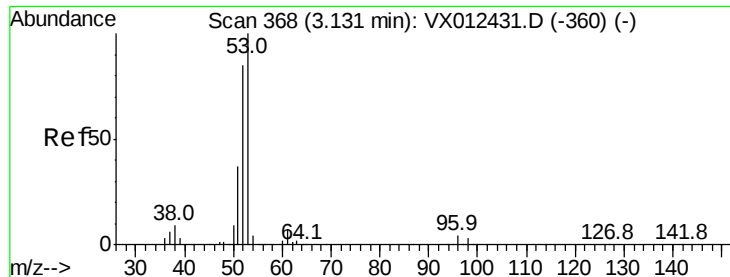
Ion Ratio Lower Upper

41 100

39 63.3 51.3 76.9

76 27.7 22.6 33.8





#15

Acrylonitrile

Concen: 249.823 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX012543.D

Acq: 19 Sep 2019 21:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

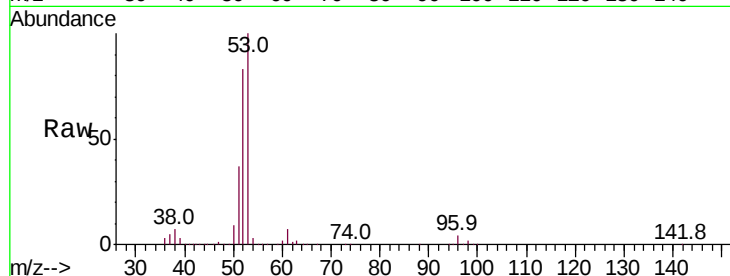
Tot Ion: 53 Resp: 285026

Ion Ratio Lower Upper

53 100

52 82.3 67.0 100.4

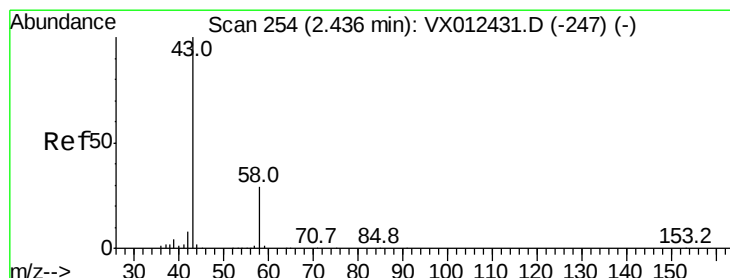
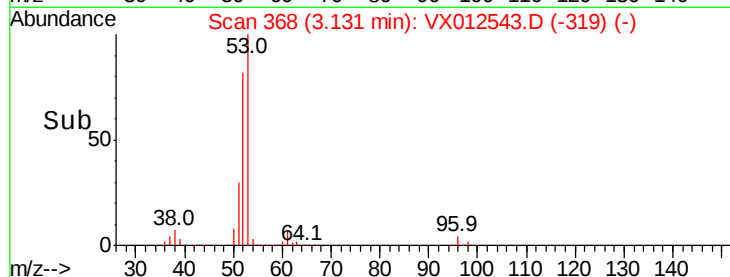
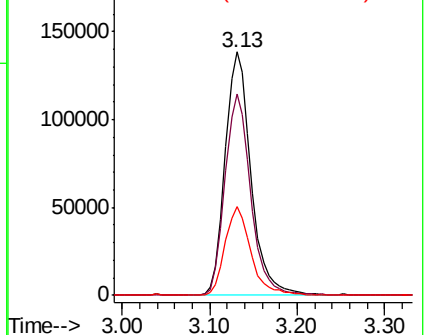
51 36.3 29.6 44.4



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: 216.968 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX012543.D

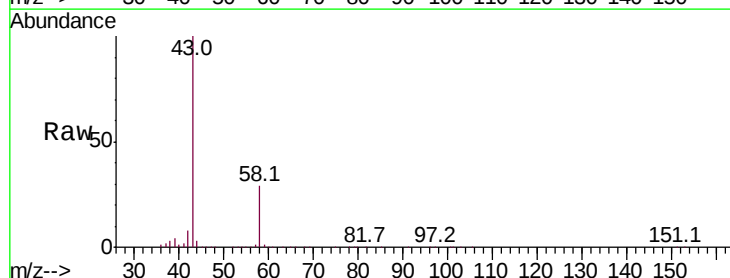
Acq: 19 Sep 2019 21:00

Tgt Ion: 43 Resp: 262280

Ion Ratio Lower Upper

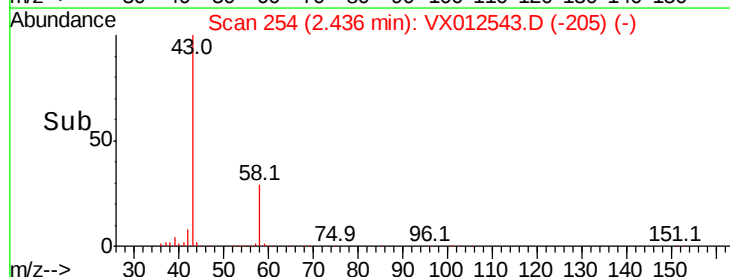
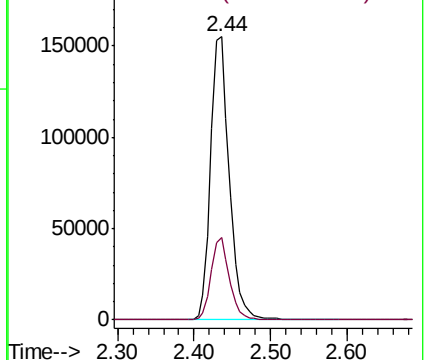
43 100

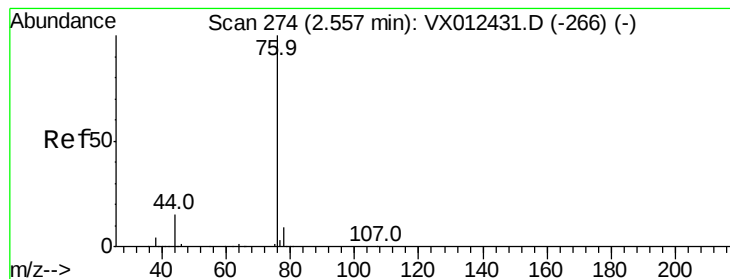
58 29.1 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 44.598 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX012543.D

Acq: 19 Sep 2019 21:00

Instrument :

MSVOA_X

ClientSampleId :

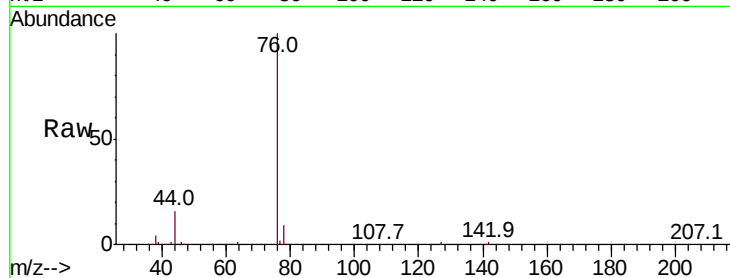
VSTDCCC050EC

Tot Ion: 76 Resp: 72515

Ion Ratio Lower Upper

76 100

78 8.8 7.3 10.9

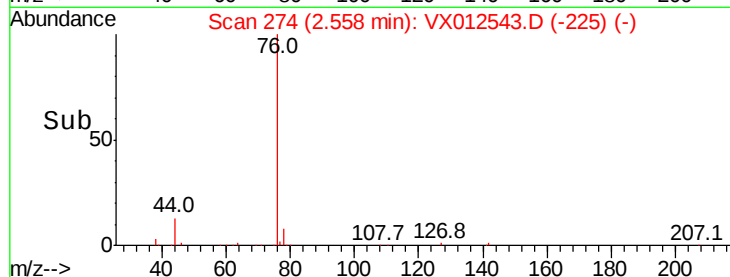


Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

Time-->



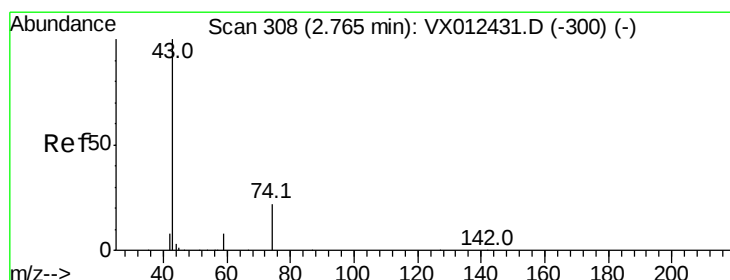
Abundance

Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

Time-->



#18

Methyl Acetate

Concen: 51.295 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX012543.D

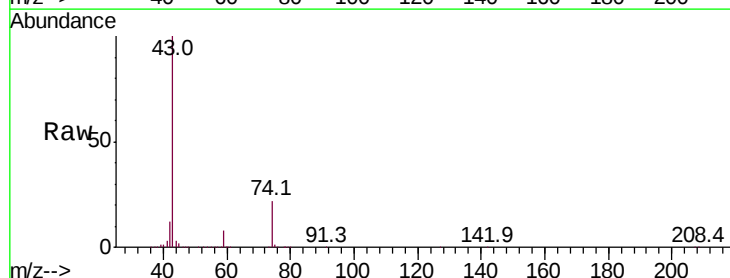
Acq: 19 Sep 2019 21:00

Tgt Ion: 43 Resp: 140728

Ion Ratio Lower Upper

43 100

74 22.1 17.7 26.5

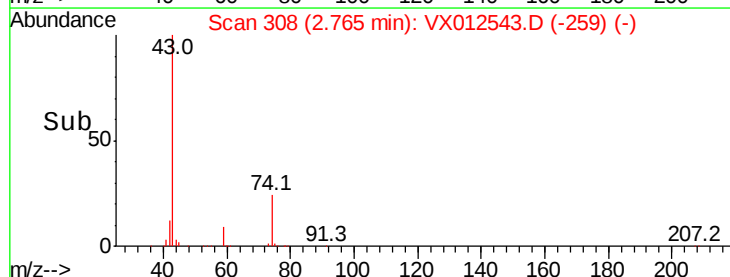


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

Time-->



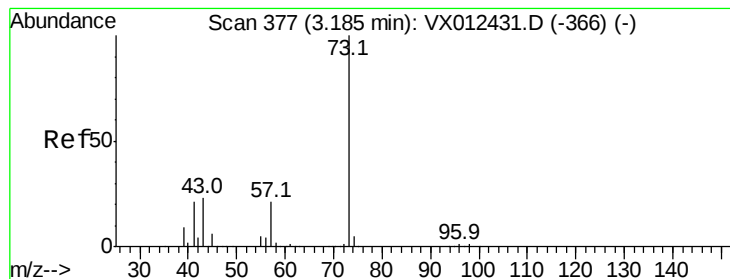
Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

Time-->

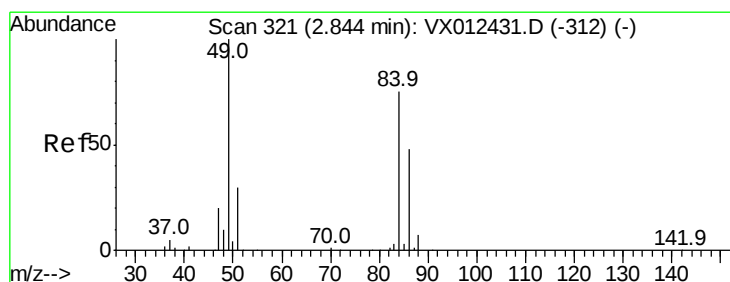
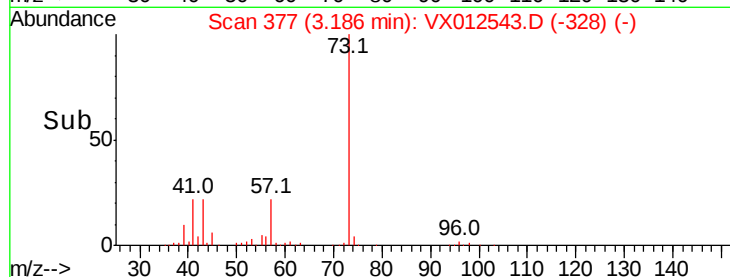
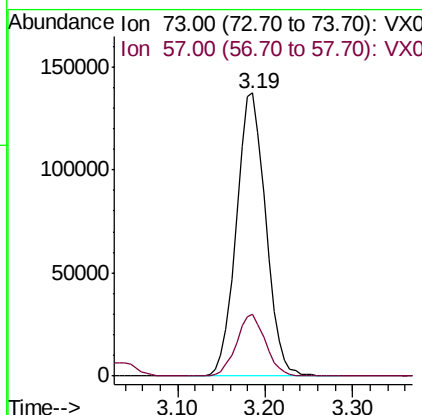
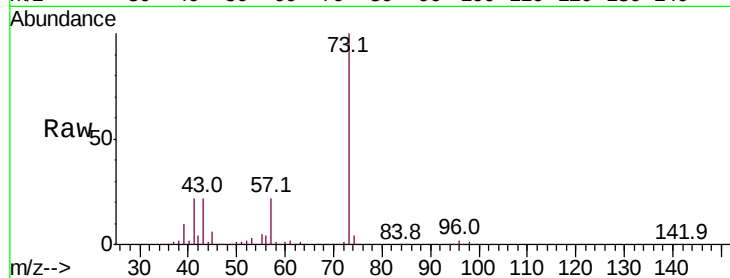


#19

Methyl tert-butyl Ether
 Concen: 50.903 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. 0.00 min
 Lab File: VX012543.D
 Acq: 19 Sep 2019 21:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

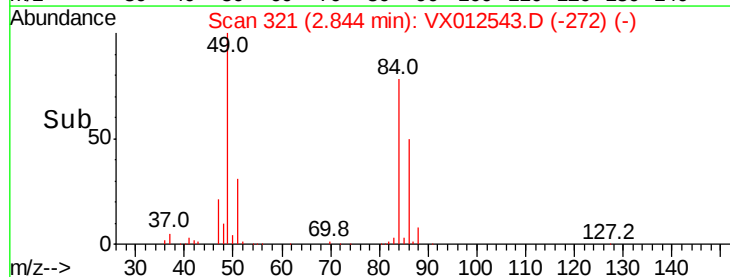
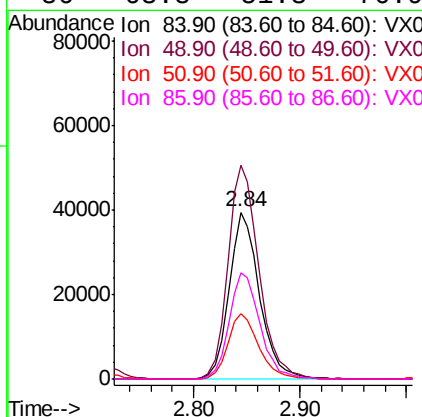
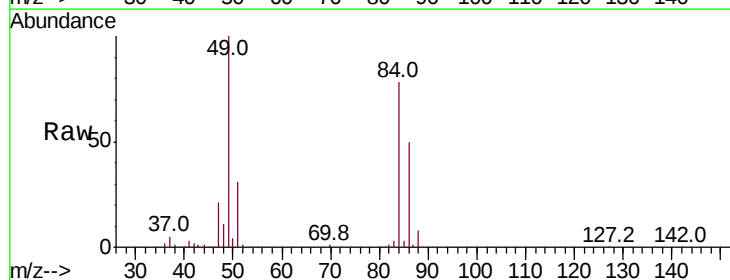
Tot Ion: 73 Resp: 320550
 Ion Ratio Lower Upper
 73 100
 57 21.7 16.8 25.2

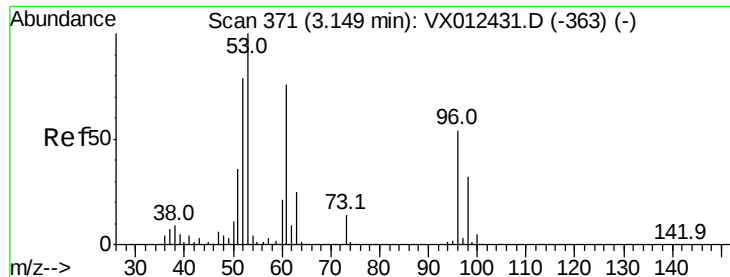


#20

Methylene Chloride
 Concen: 49.413 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. 0.00 min
 Lab File: VX012543.D
 Acq: 19 Sep 2019 21:00

Tgt Ion: 84 Resp: 78734
 Ion Ratio Lower Upper
 84 100
 49 128.1 106.8 160.2
 51 39.2 32.3 48.5
 86 63.8 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 50.929 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012543.D

Acq: 19 Sep 2019 21:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

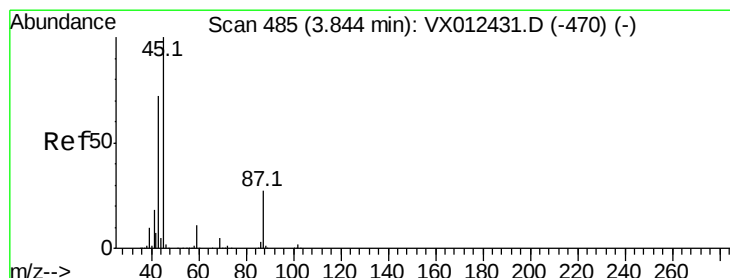
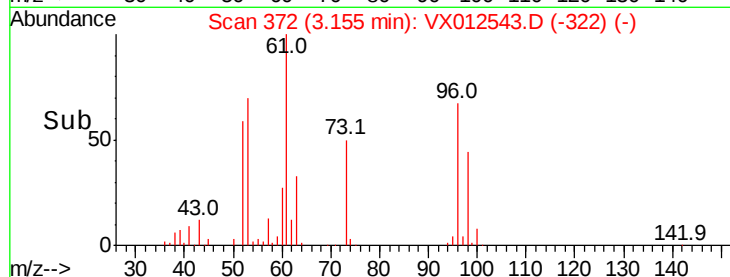
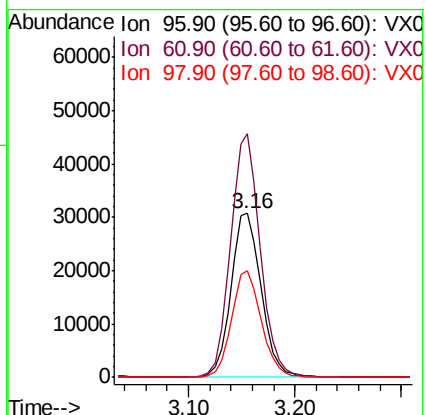
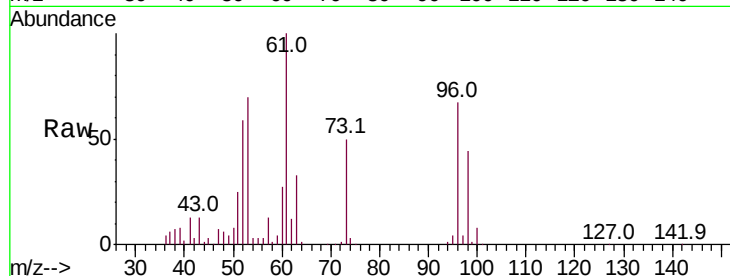
Tot Ion: 96 Resp: 61081

Ion Ratio Lower Upper

96 100

61 148.8 112.0 168.0

98 65.4 47.8 71.8



#22

Diisopropyl ether

Concen: 51.123 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX012543.D

Acq: 19 Sep 2019 21:00

Tgt Ion: 45 Resp: 321863

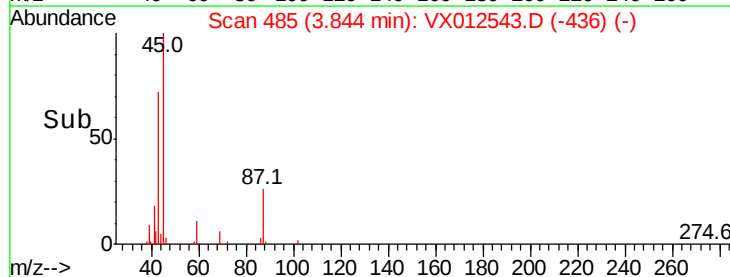
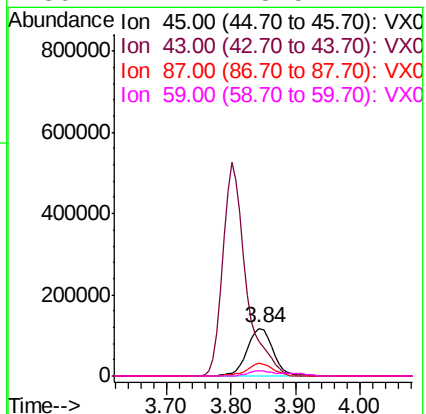
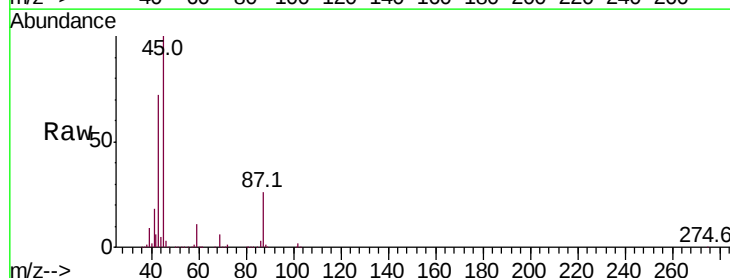
Ion Ratio Lower Upper

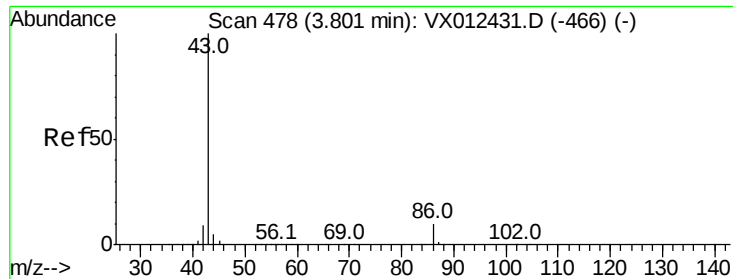
45 100

43 72.0 57.8 86.8

87 26.4 21.3 31.9

59 11.1 8.5 12.7





#23

Vinyl Acetate

Concen: 258.818 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012543.D

Acq: 19 Sep 2019 21:00

Instrument :

MSVOA_X

ClientSampleId :

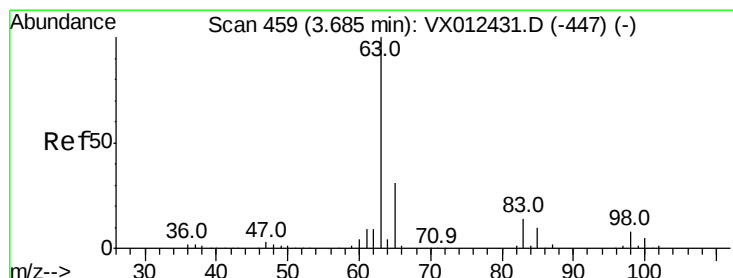
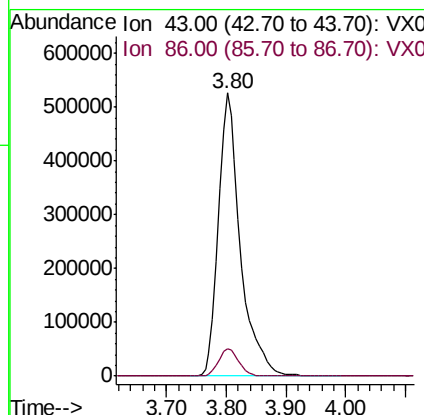
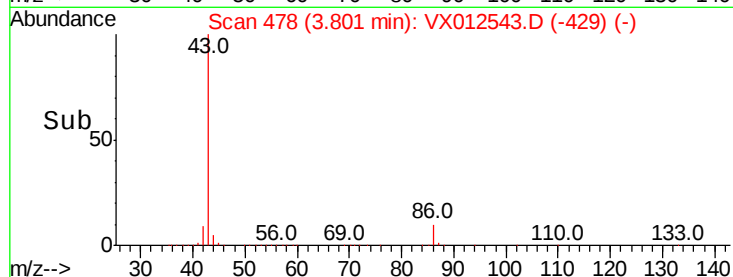
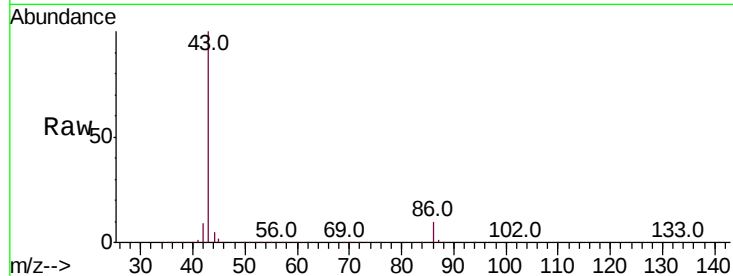
VSTDCCC050EC

Tot Ion: 43 Resp: 1340425

Ion Ratio Lower Upper

43 100

86 9.8 7.8 11.8



#24

1,1-Dichloroethane

Concen: 51.625 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012543.D

Acq: 19 Sep 2019 21:00

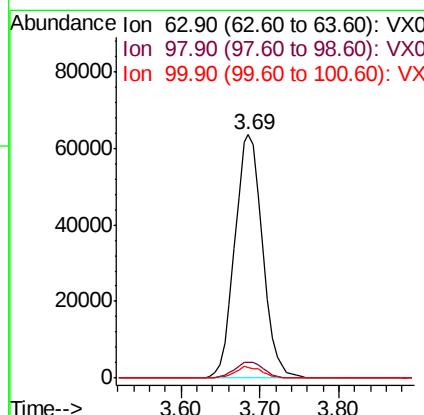
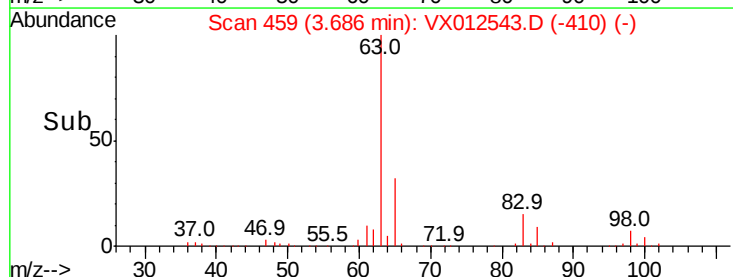
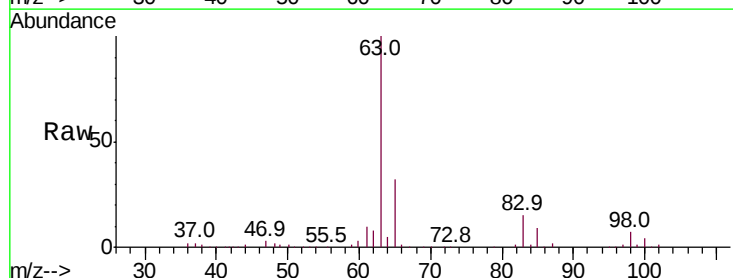
Tgt Ion: 63 Resp: 155513

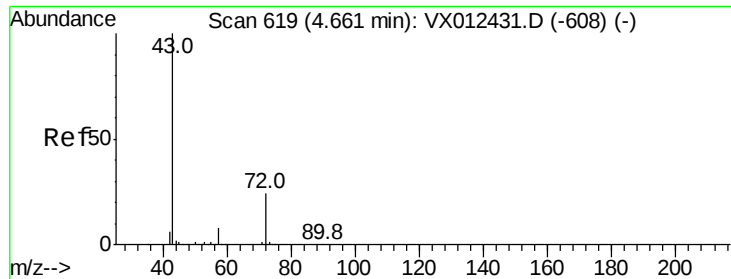
Ion Ratio Lower Upper

63 100

98 6.6 3.9 11.7

100 4.5 2.3 6.9





#25

2-Butanone

Concen: 228.299 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX012543.D

Acq: 19 Sep 2019 21:00

Instrument :

MSVOA_X

ClientSampleId :

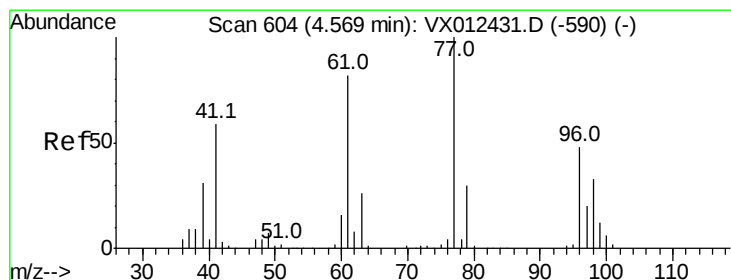
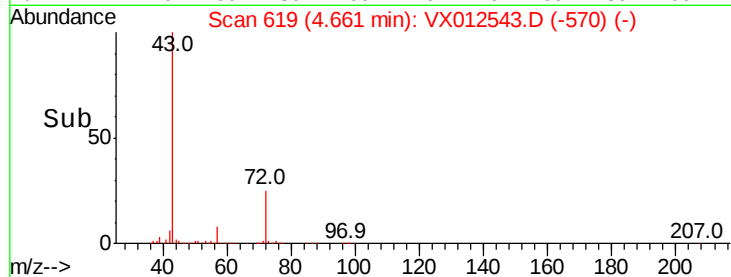
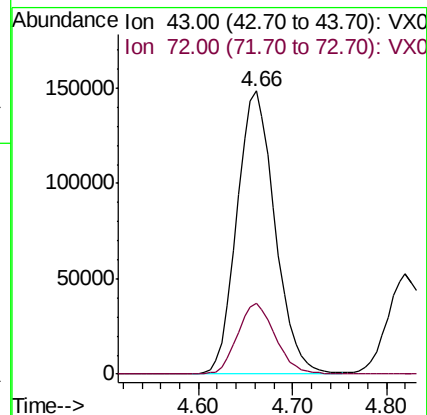
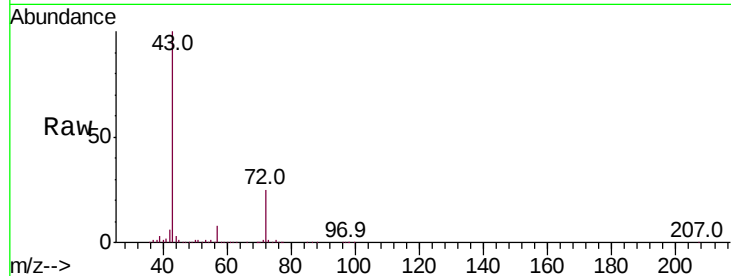
VSTDCCC050EC

Tot Ion: 43 Resp: 416945

Ion Ratio Lower Upper

43 100

72 24.9 19.2 28.8



#26

2,2-Dichloropropane

Concen: 41.145 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX012543.D

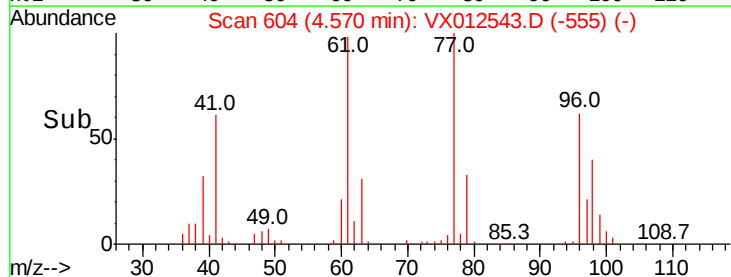
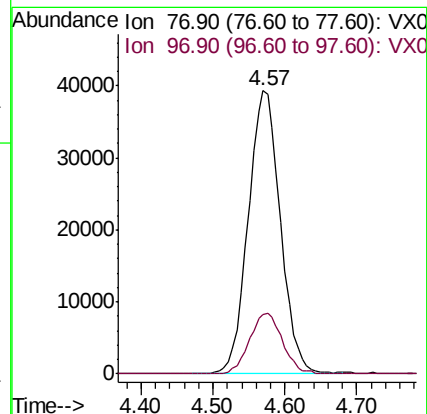
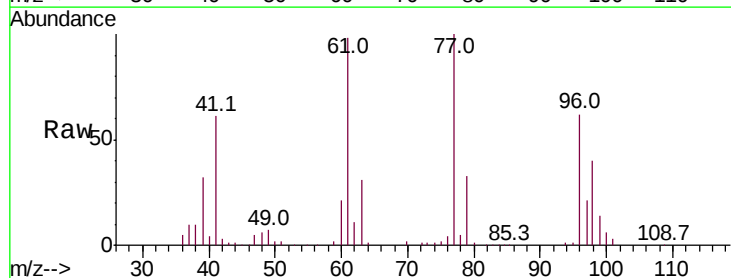
Acq: 19 Sep 2019 21:00

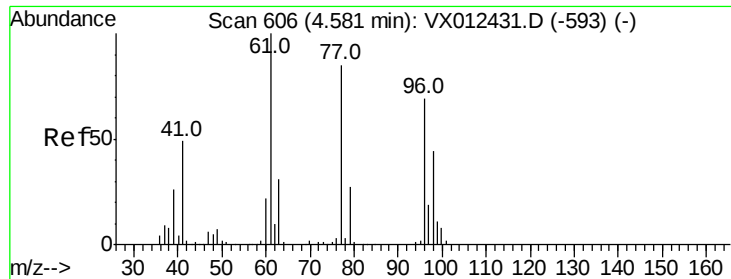
Tgt Ion: 77 Resp: 121895

Ion Ratio Lower Upper

77 100

97 21.9 10.5 31.6



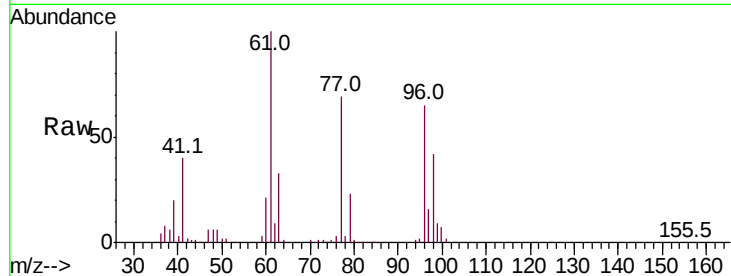


#27

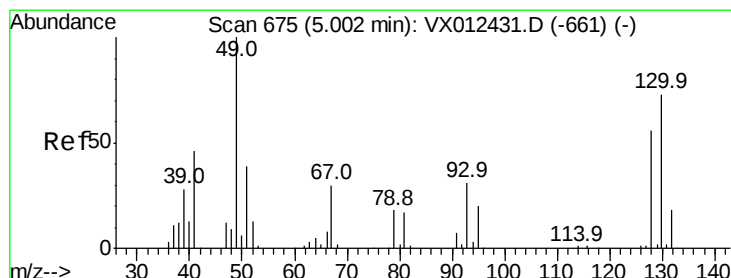
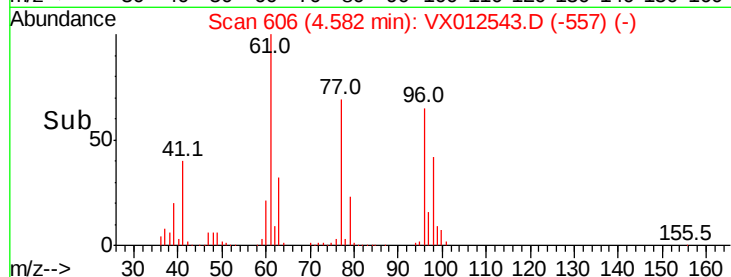
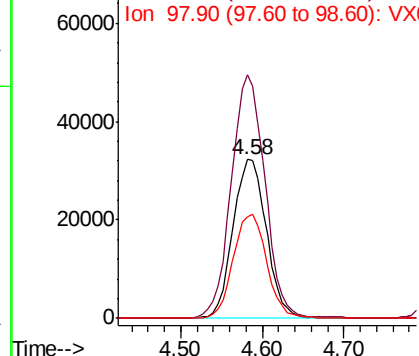
cis-1,2-Dichloroethene
 Concen: 50.984 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: VX012543.D
 Acq: 19 Sep 2019 21:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 96 Resp: 91345
 Ion Ratio Lower Upper
 96 100
 61 154.7 0.0 319.4
 98 65.8 0.0 130.6



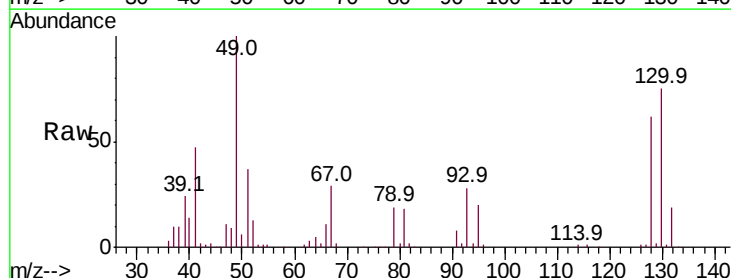
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



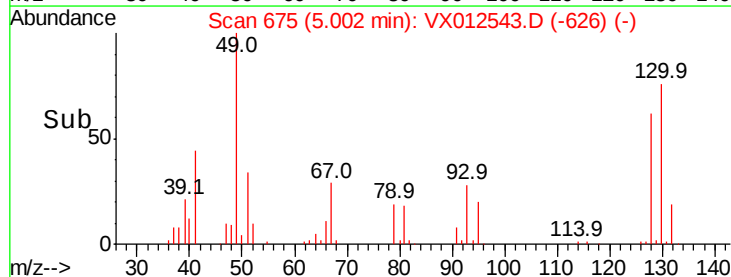
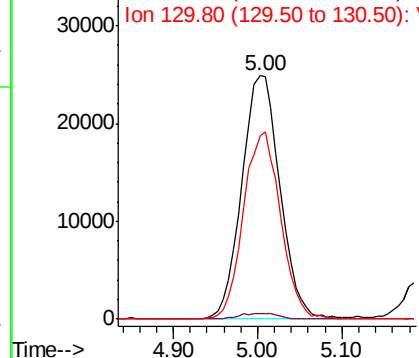
#28

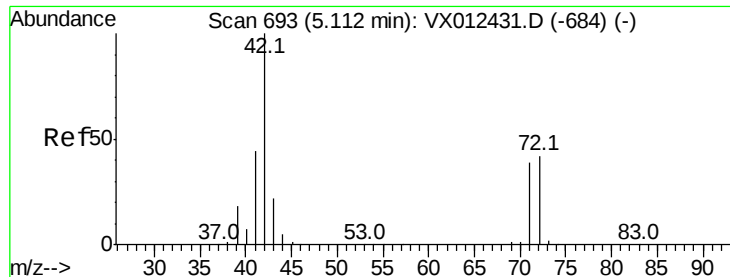
Bromochloromethane
 Concen: 49.307 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: VX012543.D
 Acq: 19 Sep 2019 21:00

Tgt Ion: 49 Resp: 76572
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 3.8
 130 74.6 58.2 87.4



Abundance Ion 48.90 (48.60 to 49.60): VX0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 252.819 ug/l

RT: 5.11 min Scan# 693

Delta R.T. 0.00 min

Lab File: VX012543.D

Acq: 19 Sep 2019 21:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

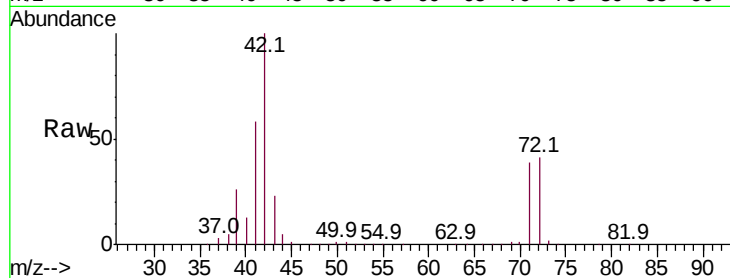
Tot Ion: 42 Resp: 255075

Ion Ratio Lower Upper

42 100

72 42.6 34.0 51.0

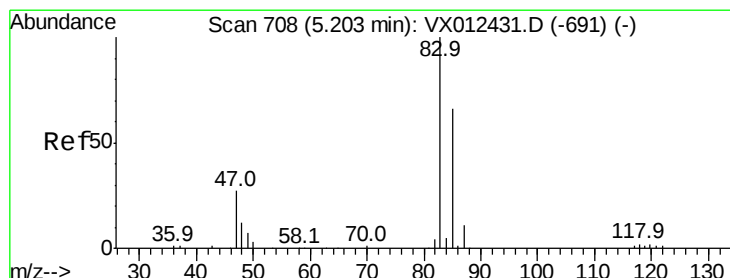
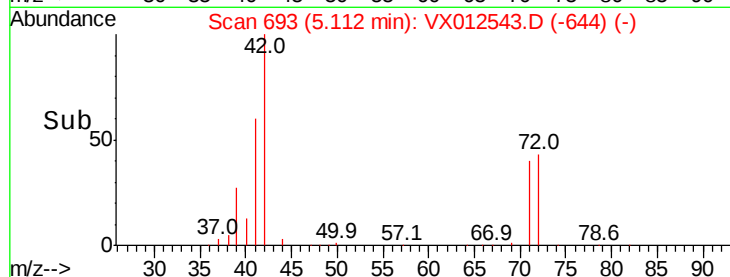
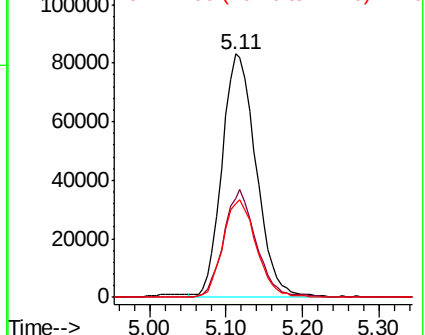
71 39.5 31.5 47.3



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 49.162 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX012543.D

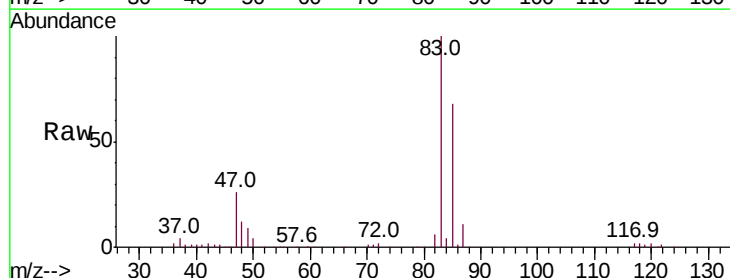
Acq: 19 Sep 2019 21:00

Tgt Ion: 83 Resp: 170077

Ion Ratio Lower Upper

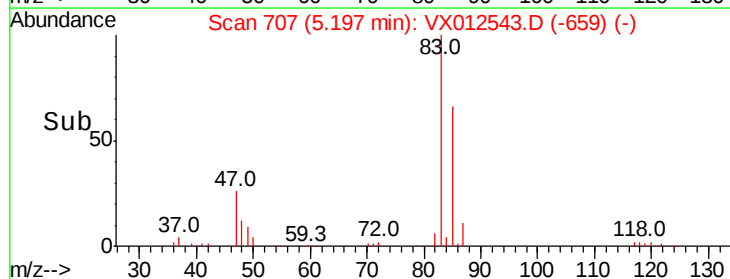
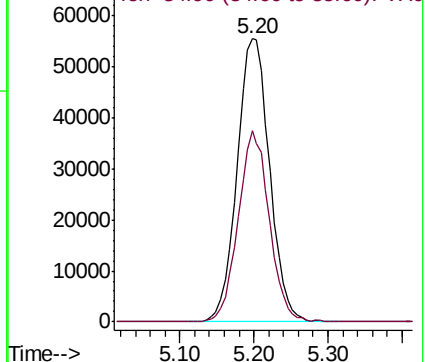
83 100

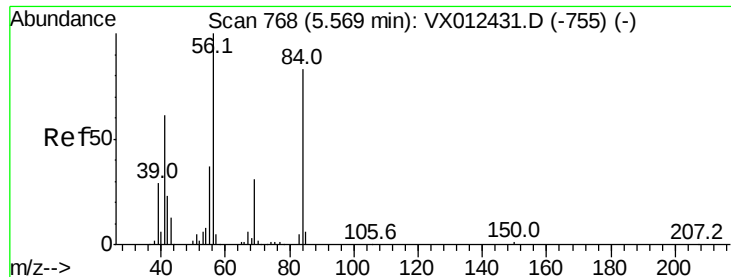
85 67.7 53.0 79.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 50.513 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX012543.D

Acq: 19 Sep 2019 21:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

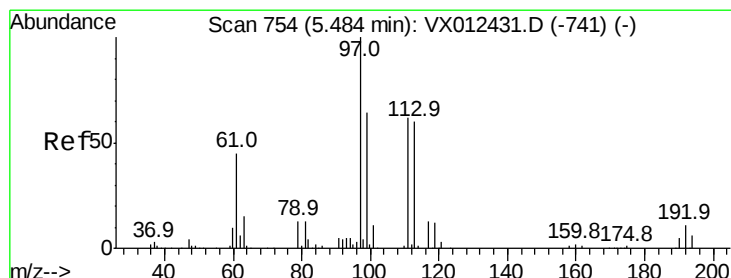
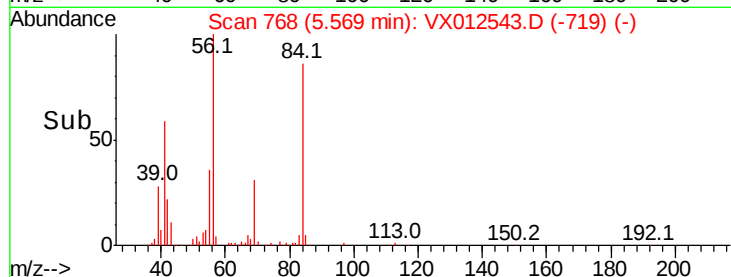
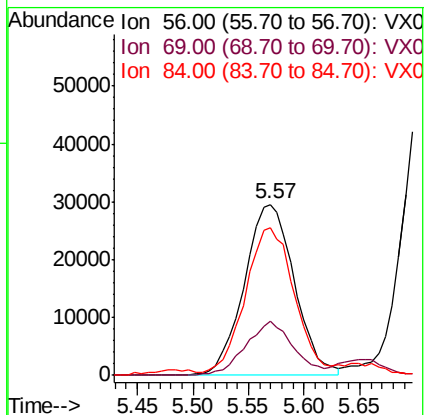
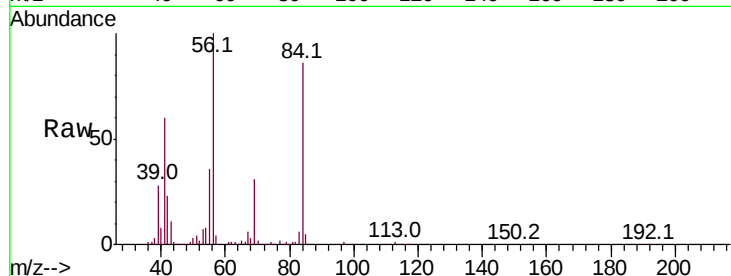
Tot Ion: 56 Resp: 91853

Ion Ratio Lower Upper

56 100

69 31.5 25.0 37.6

84 83.3 66.4 99.6



#32

1,1,1-Trichloroethane

Concen: 50.395 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX012543.D

Acq: 19 Sep 2019 21:00

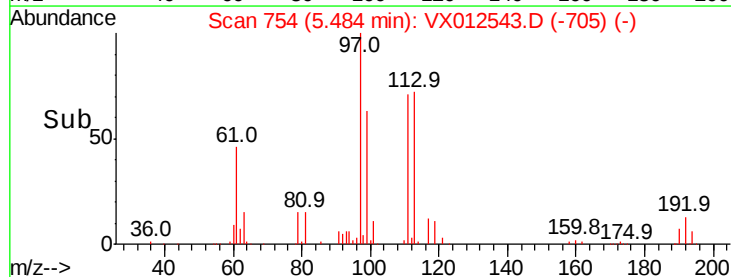
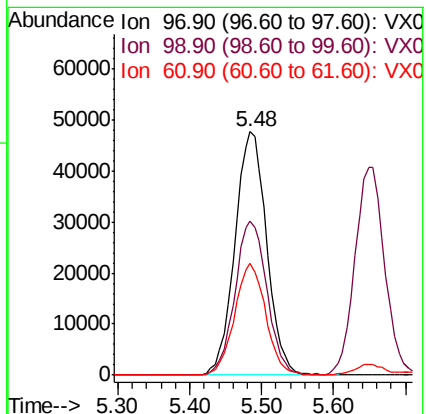
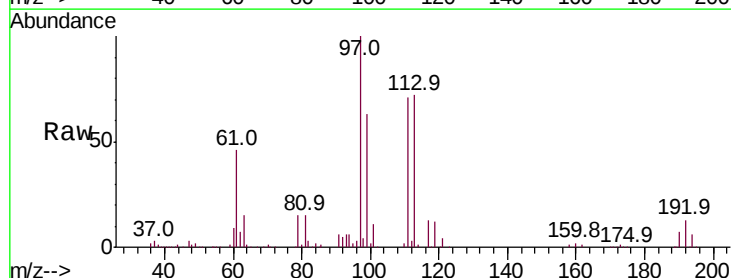
Tgt Ion: 97 Resp: 145715

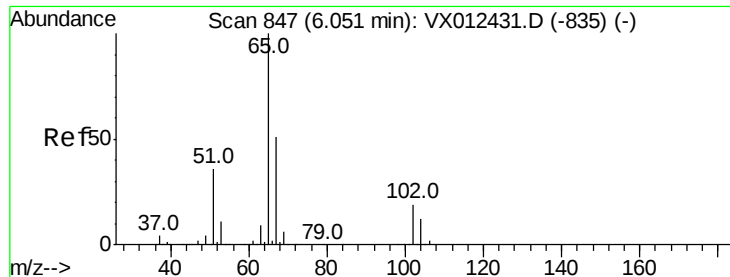
Ion Ratio Lower Upper

97 100

99 63.9 51.3 76.9

61 45.2 36.1 54.1





#33

1,2-Dichloroethane-d4

Concen: 49.711 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX012543.D

Acq: 19 Sep 2019 21:00

Instrument :

MSVOA_X

ClientSampleId :

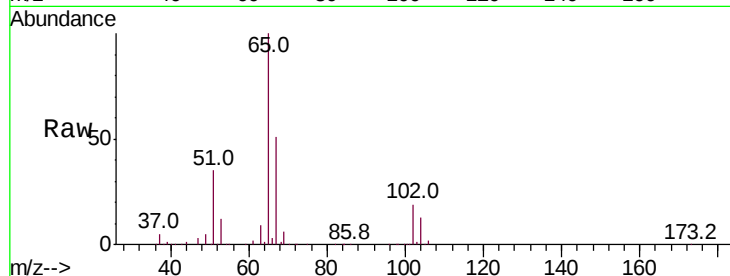
VSTDCCC050EC

Tot Ion: 65 Resp: 130881

Ion Ratio Lower Upper

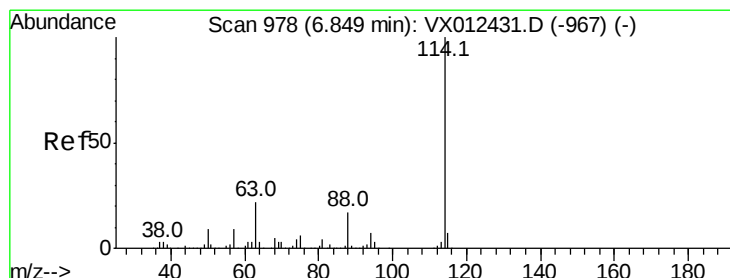
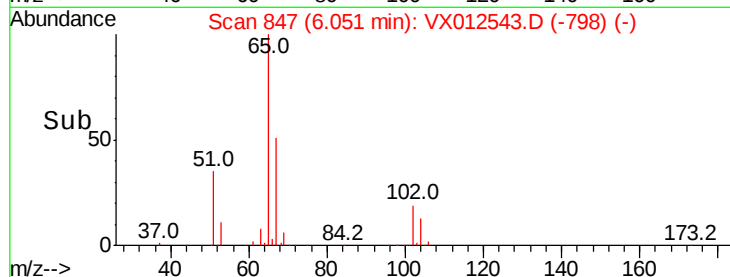
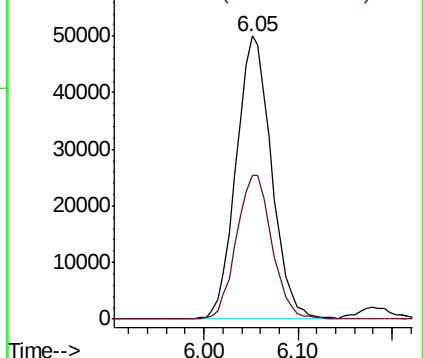
65 100

67 51.4 0.0 101.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX012543.D

Acq: 19 Sep 2019 21:00

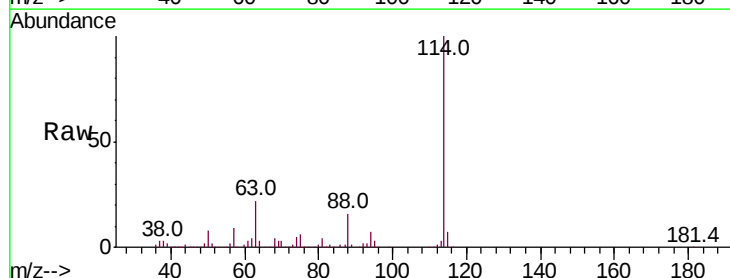
Tgt Ion: 114 Resp: 312589

Ion Ratio Lower Upper

114 100

63 21.7 0.0 43.2

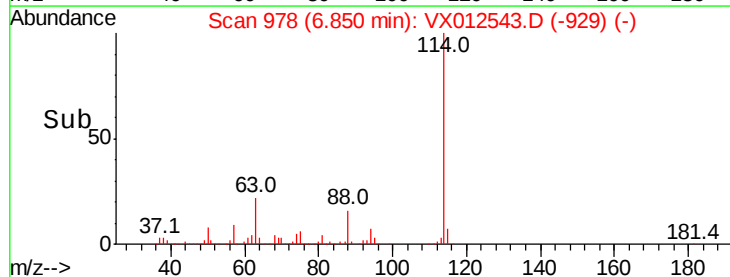
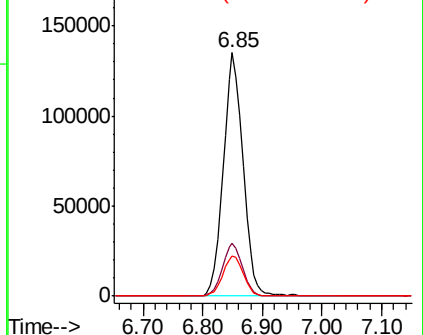
88 16.5 0.0 33.2

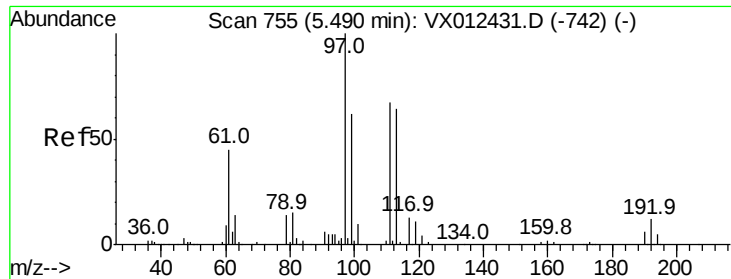


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

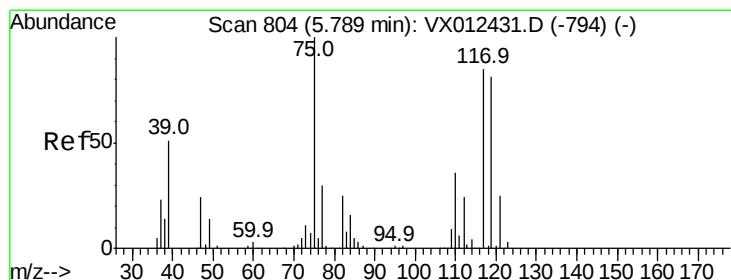
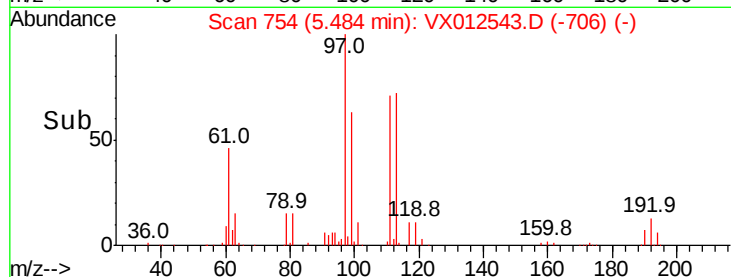
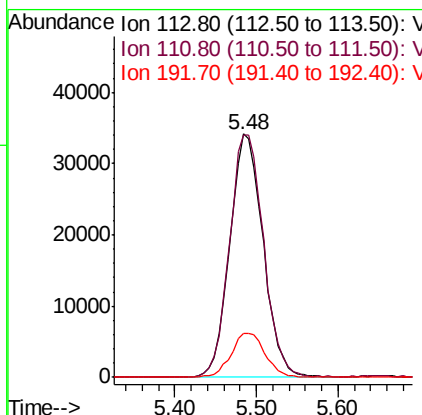
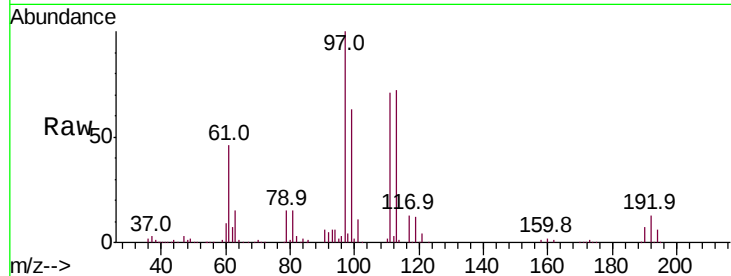




#35
 Dibromofluoromethane
 Concen: 50.903 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX012543.D
 Acq: 19 Sep 2019 21:00

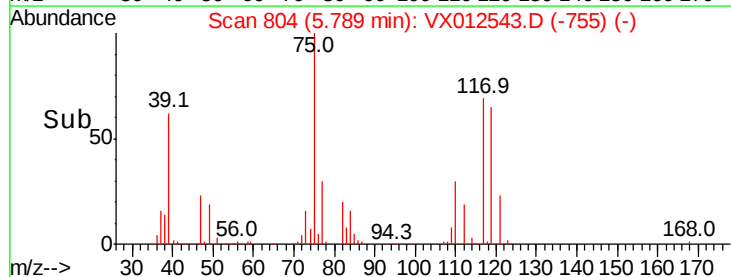
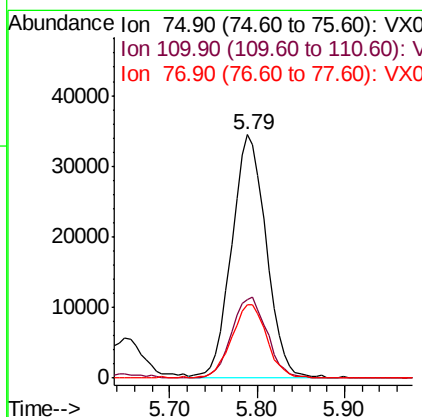
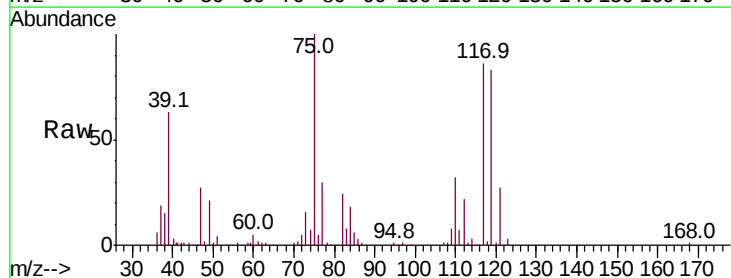
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

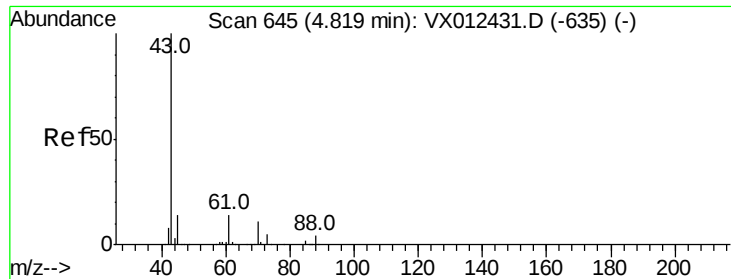
Tot Ion:113 Resp: 96307
 Ion Ratio Lower Upper
 113 100
 111 102.0 83.4 125.2
 192 18.4 14.4 21.6



#36
 1,1-Dichloropropene
 Concen: 49.340 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX012543.D
 Acq: 19 Sep 2019 21:00

Tgt Ion: 75 Resp: 93734
 Ion Ratio Lower Upper
 75 100
 110 34.4 16.7 50.0
 77 31.1 24.2 36.2

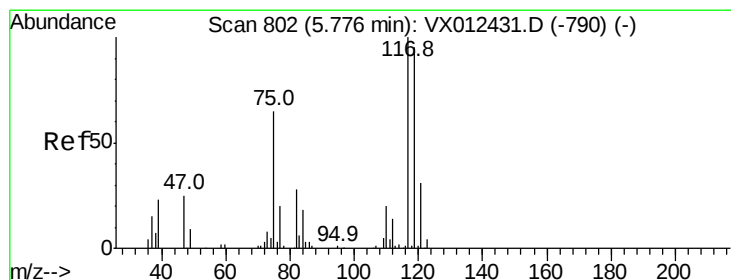
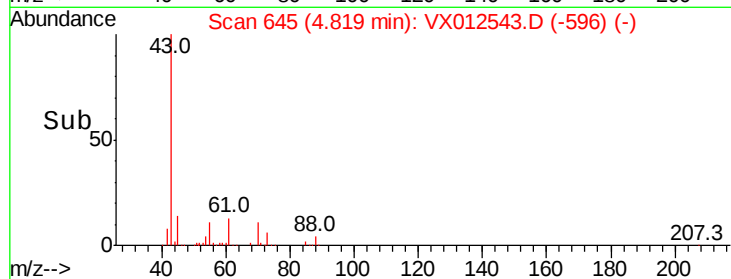
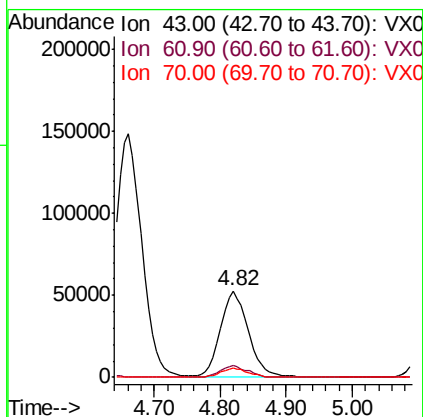
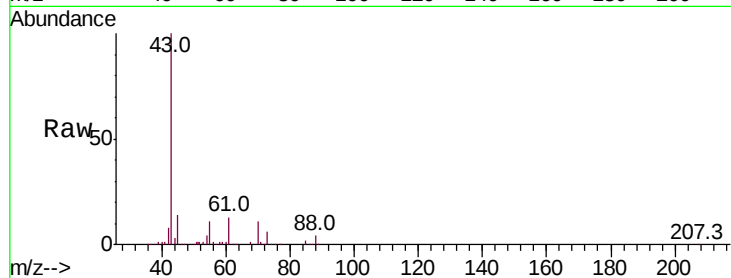




#37
Ethyl Acetate
Concen: 52.513 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX012543.D
Acq: 19 Sep 2019 21:00

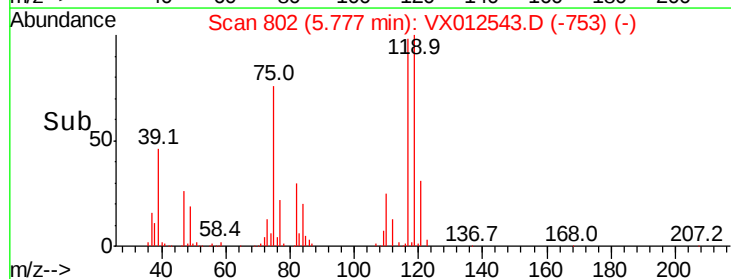
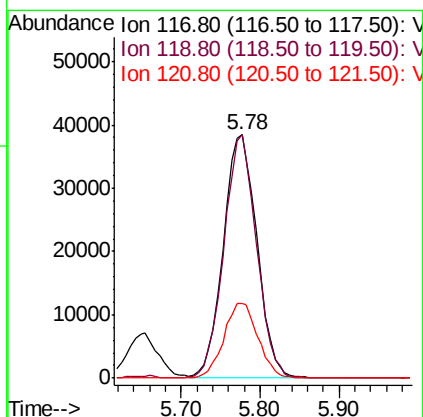
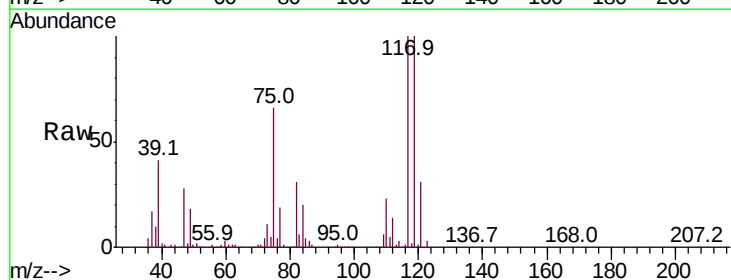
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

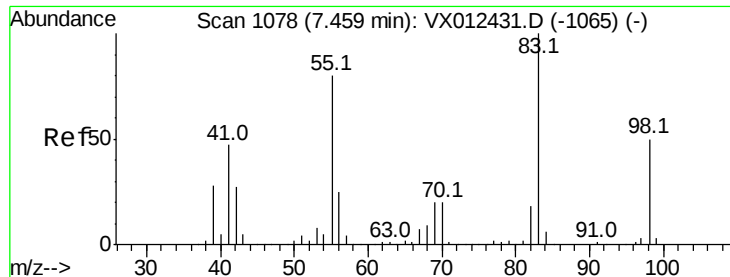
Tot Ion: 43 Resp: 153136
Ion Ratio Lower Upper
43 100
61 12.8 10.2 15.4
70 11.0 8.7 13.1



#38
Carbon Tetrachloride
Concen: 48.343 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX012543.D
Acq: 19 Sep 2019 21:00

Tgt Ion: 117 Resp: 114225
Ion Ratio Lower Upper
117 100
119 99.8 75.7 113.5
121 30.8 24.2 36.4

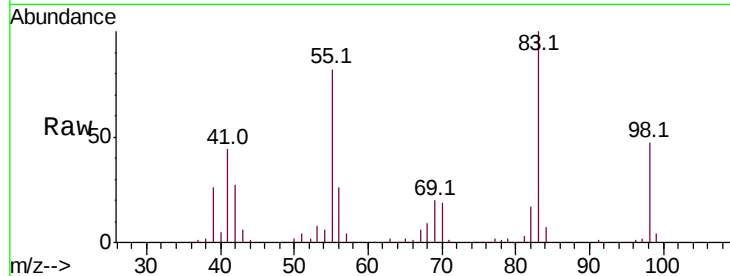




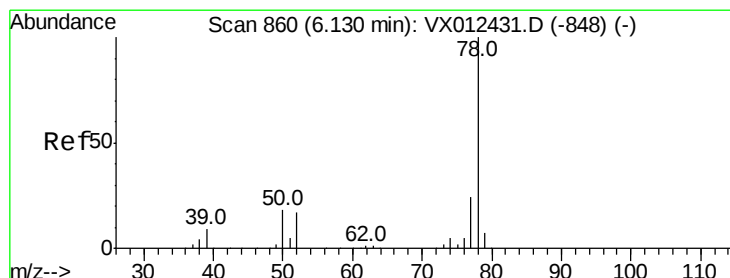
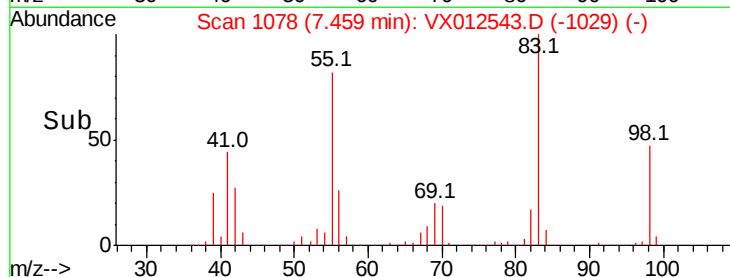
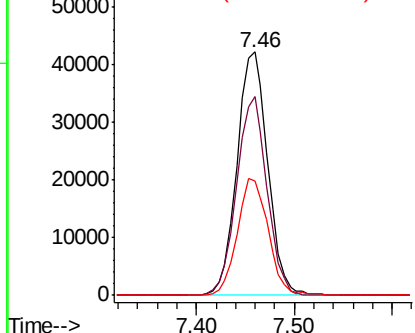
#39
Methvlcvclohexane
Concen: 49.975 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX012543.D
Acq: 19 Sep 2019 21:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 92296
Ion Ratio Lower Upper
83 100
55 81.7 64.4 96.6
98 47.1 40.1 60.1

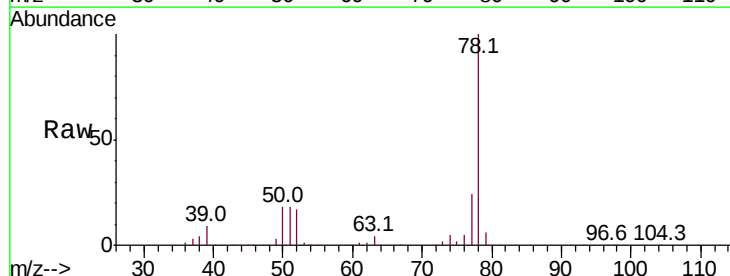


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

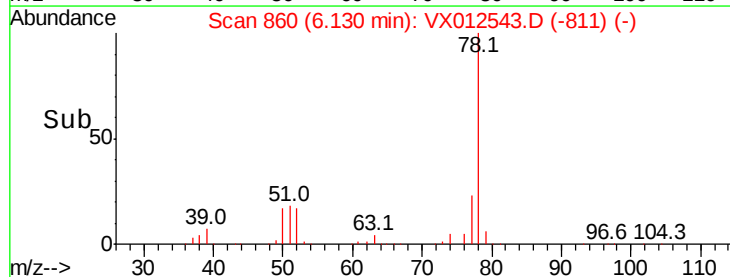
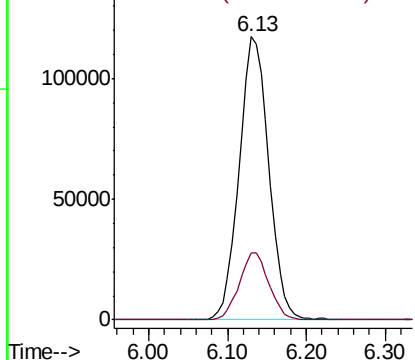


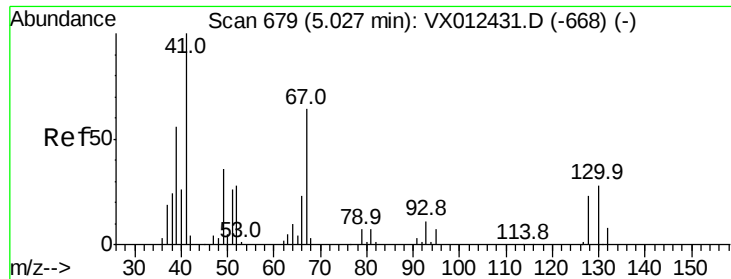
#40
Benzene
Concen: 50.806 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX012543.D
Acq: 19 Sep 2019 21:00

Tgt Ion: 78 Resp: 306930
Ion Ratio Lower Upper
78 100
77 23.8 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

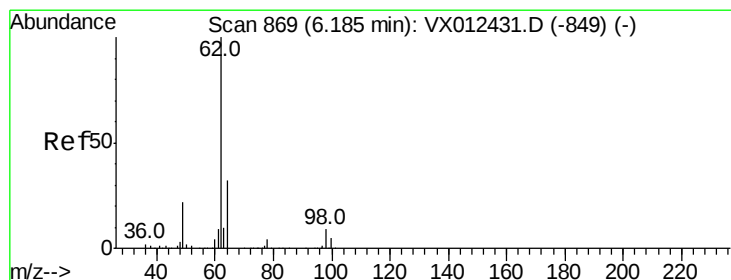
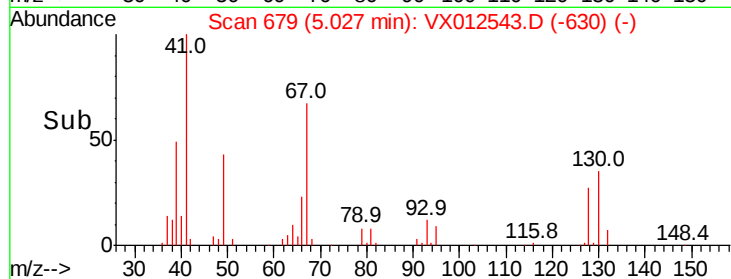
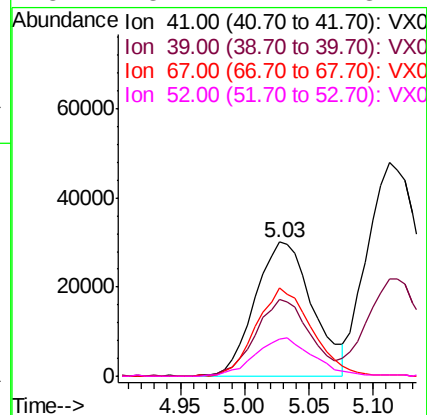
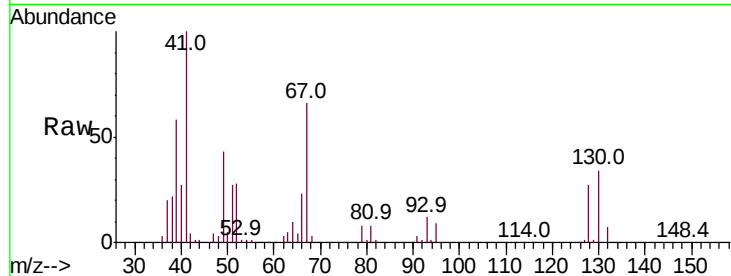




#41
Methacrylonitrile
Concen: 49.720 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX012543.D
Acq: 19 Sep 2019 21:00

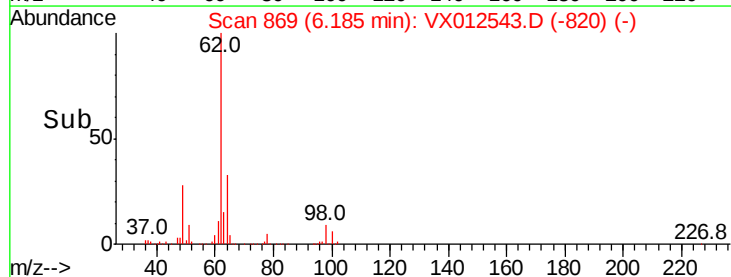
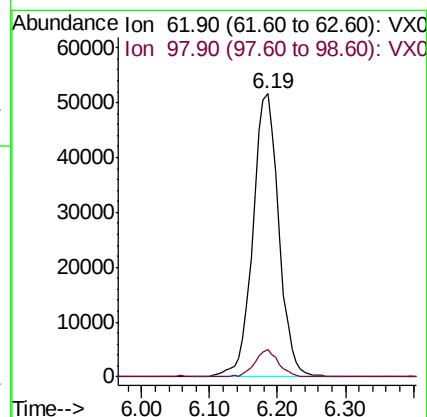
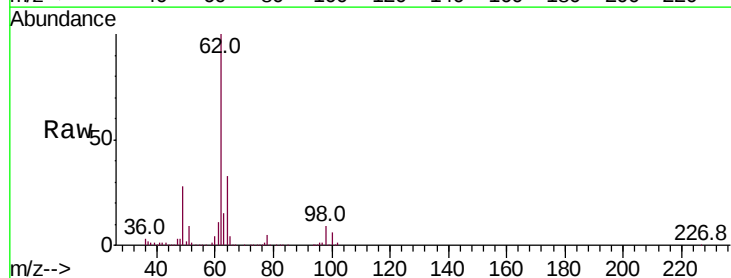
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

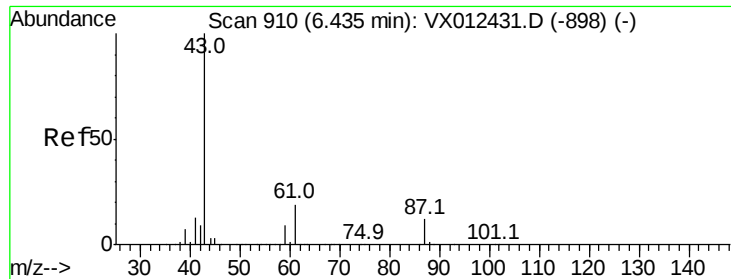
Tot Ion:	41	Resp:	93360
Ion	Ratio	Lower	Upper
41	100		
39	53.3	46.0	69.0
67	64.0	52.2	78.2
52	28.1	22.7	34.1



#42
1,2-Dichloroethane
Concen: 49.083 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX012543.D
Acq: 19 Sep 2019 21:00

Tgt Ion:	62	Resp:	137530
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	17.8





#43

Isopropyl Acetate

Concen: 50.387 ug/l

RT: 6.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX012543.D

Acq: 19 Sep 2019 21:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

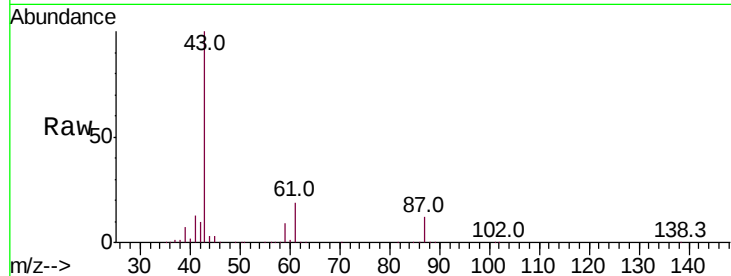
Tot Ion: 43 Resp: 263724

Ion Ratio Lower Upper

43 100

61 19.1 15.4 23.0

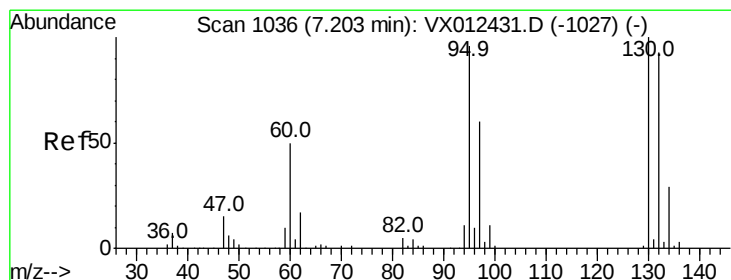
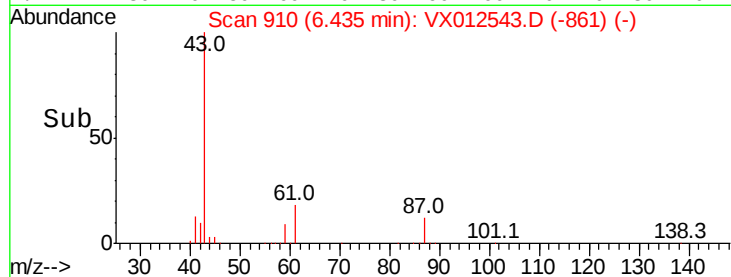
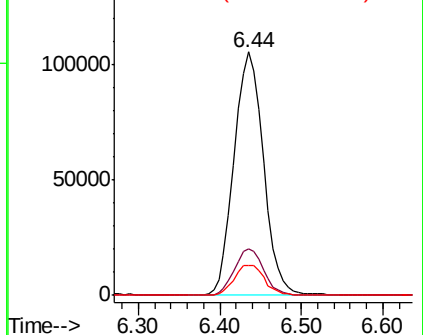
87 12.7 9.8 14.8



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: 51.151 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX012543.D

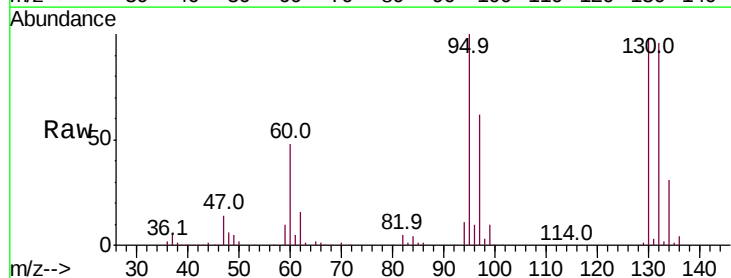
Acq: 19 Sep 2019 21:00

Tgt Ion: 130 Resp: 81286

Ion Ratio Lower Upper

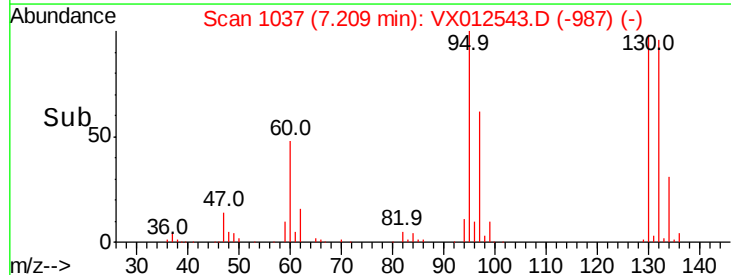
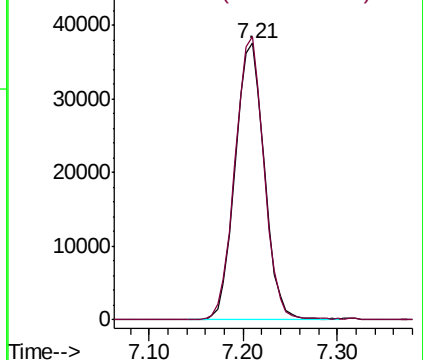
130 100

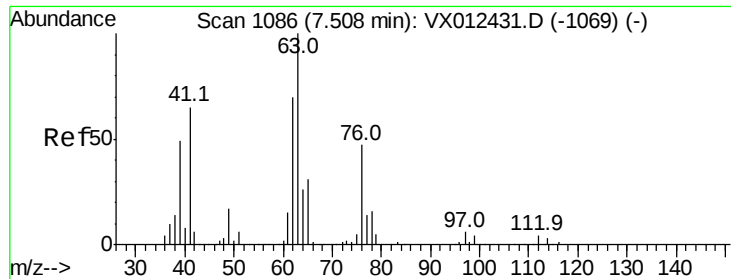
95 102.4 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 50.309 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX012543.D

Acq: 19 Sep 2019 21:00

Instrument :

MSVOA_X

ClientSampleId :

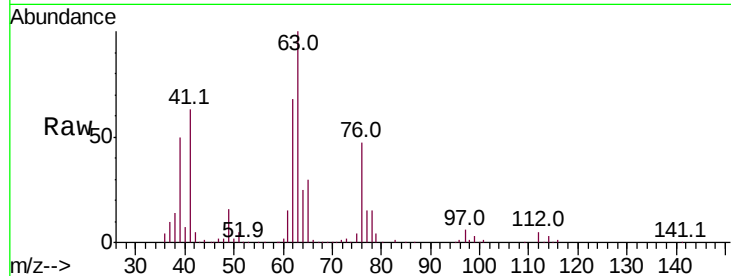
VSTDCCC050EC

Tot Ion: 63 Resp: 93374

Ion Ratio Lower Upper

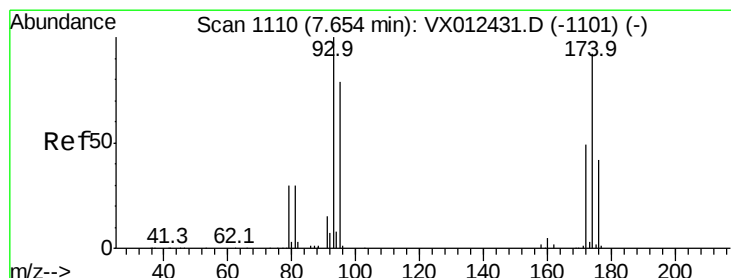
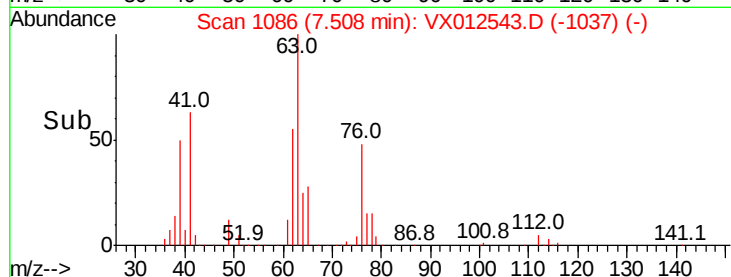
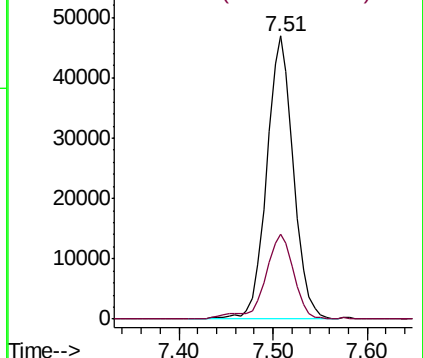
63 100

65 29.9 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 49.540 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX012543.D

Acq: 19 Sep 2019 21:00

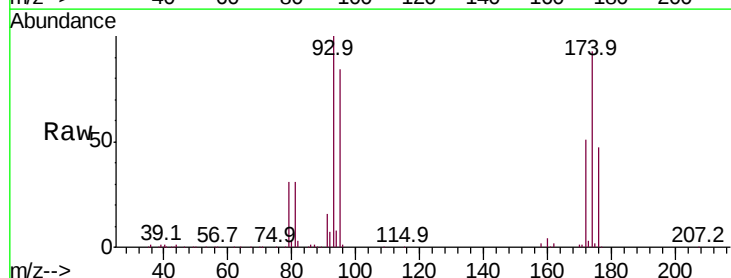
Tgt Ion: 93 Resp: 59501

Ion Ratio Lower Upper

93 100

95 83.7 66.6 100.0

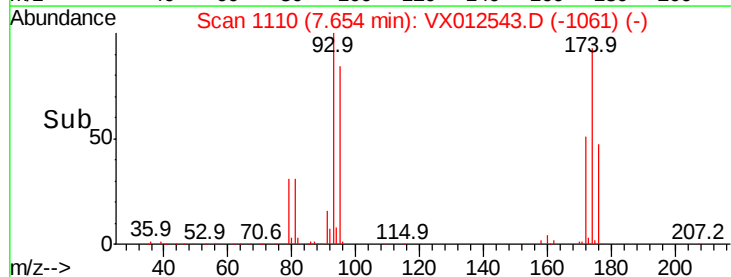
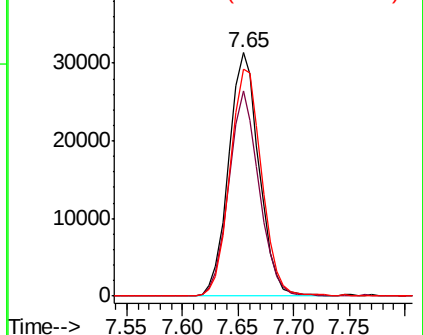
174 97.0 77.4 116.0

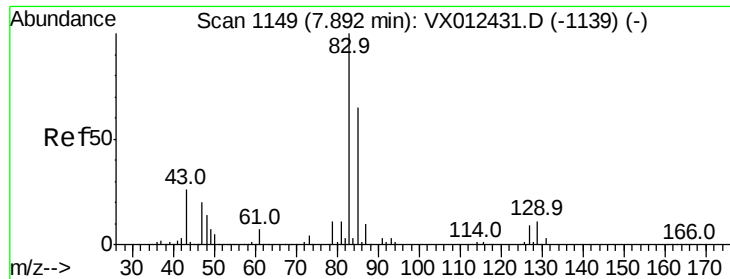


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 50.586 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX012543.D

Acq: 19 Sep 2019 21:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

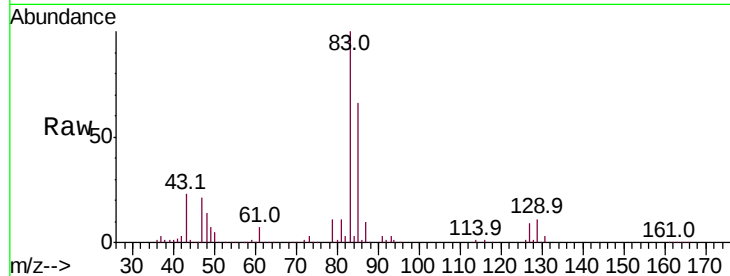
Tot Ion: 83 Resp: 135281

Ion Ratio Lower Upper

83 100

85 65.7 51.8 77.6

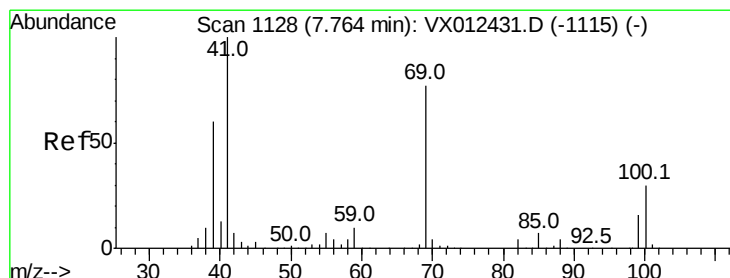
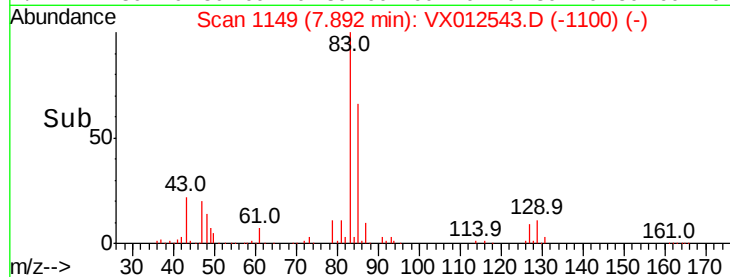
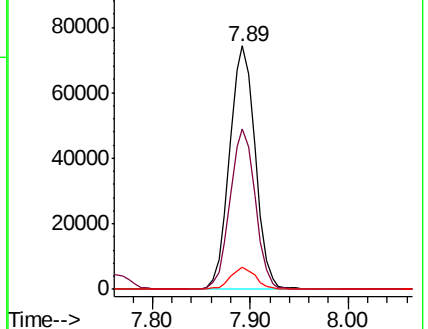
127 8.9 7.3 10.9



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: 50.227 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX012543.D

Acq: 19 Sep 2019 21:00

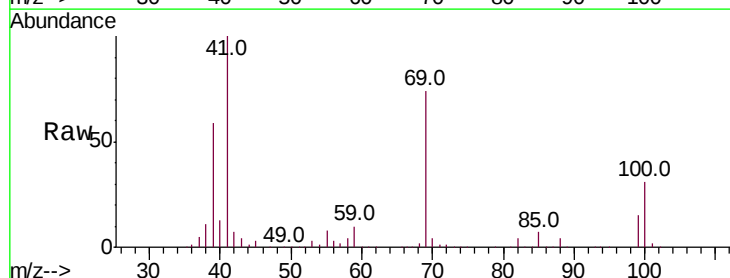
Tgt Ion: 41 Resp: 123922

Ion Ratio Lower Upper

41 100

69 75.8 59.9 89.9

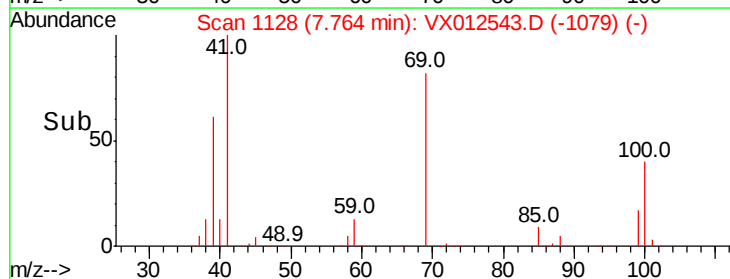
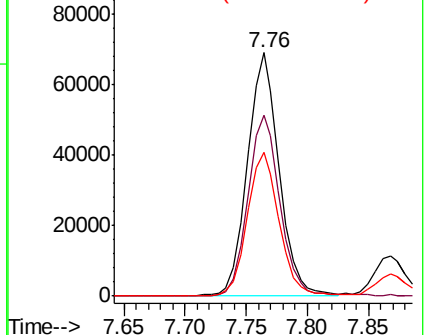
39 59.3 47.8 71.6

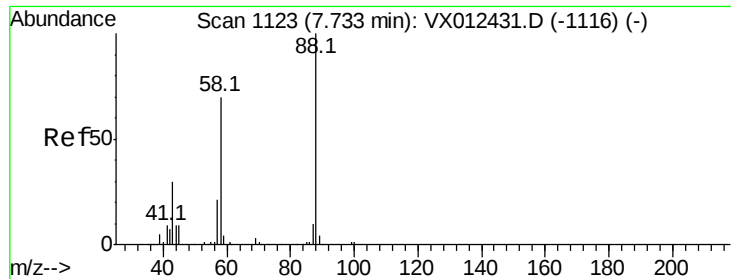


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

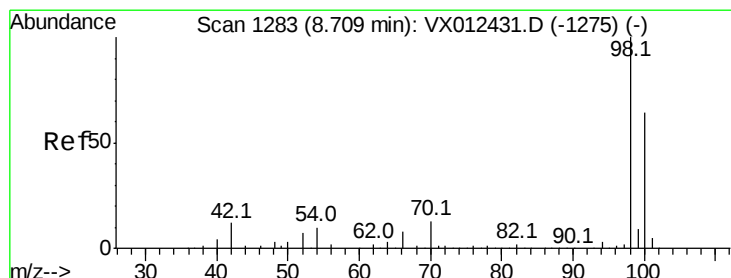
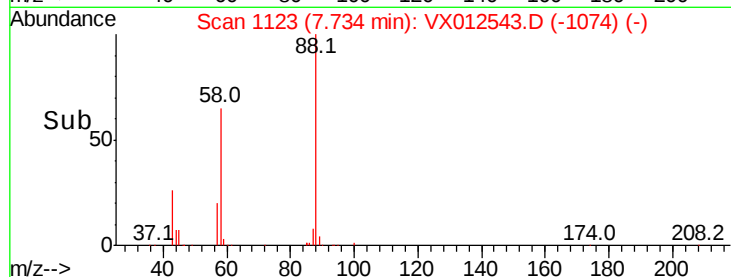
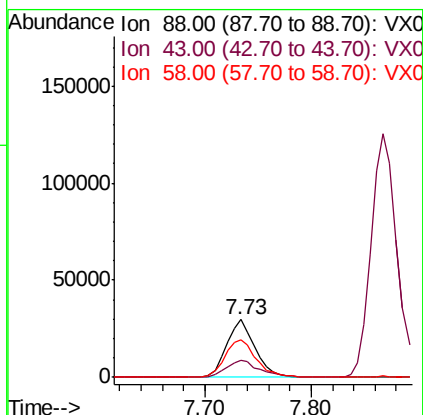
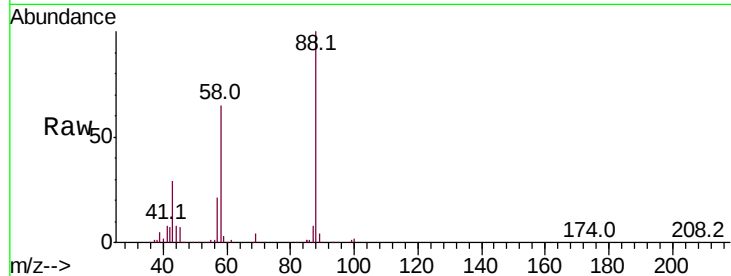




#49
1,4-Dioxane
Concen: 929.108 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX012543.D
Acq: 19 Sep 2019 21:00

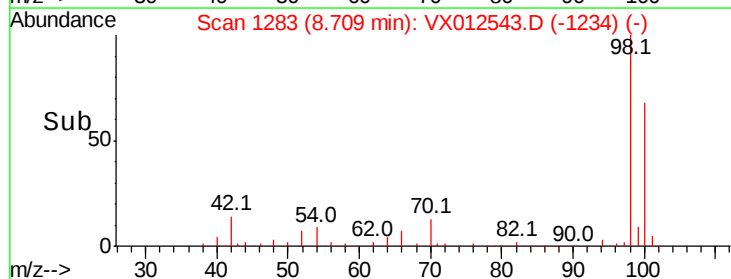
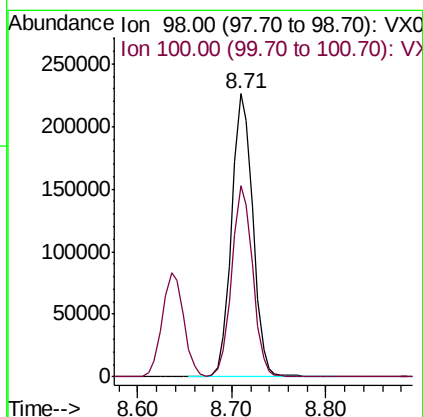
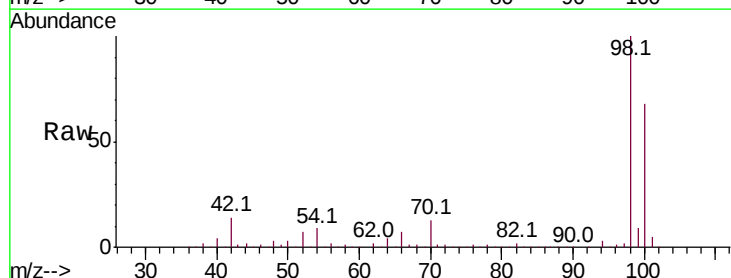
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

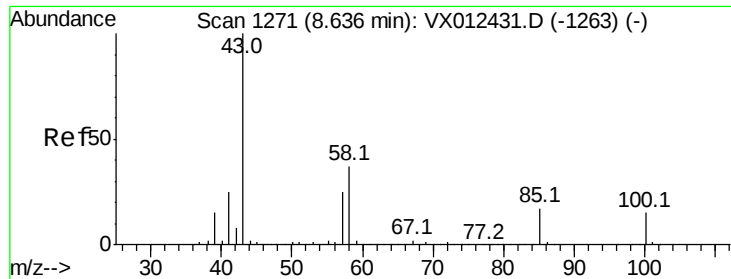
Tot Ion: 88 Resp: 55791
Ion Ratio Lower Upper
88 100
43 35.0 29.4 44.0
58 72.4 57.5 86.3



#50
Toluene-d8
Concen: 50.608 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012543.D
Acq: 19 Sep 2019 21:00

Tgt Ion: 98 Resp: 354406
Ion Ratio Lower Upper
98 100
100 66.6 53.4 80.2





#51

4-Methyl-2-Pentanone

Concen: 248.269 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012543.D

Acq: 19 Sep 2019 21:00

Instrument :

MSVOA_X

ClientSampleId :

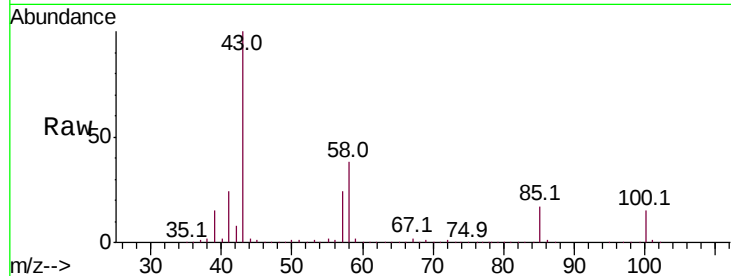
VSTDCCC050EC

Tot Ion: 43 Resp: 852151

Ion Ratio Lower Upper

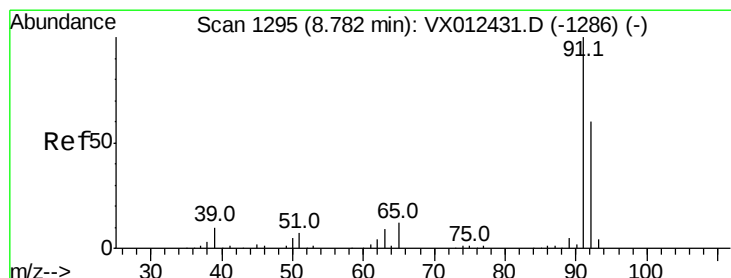
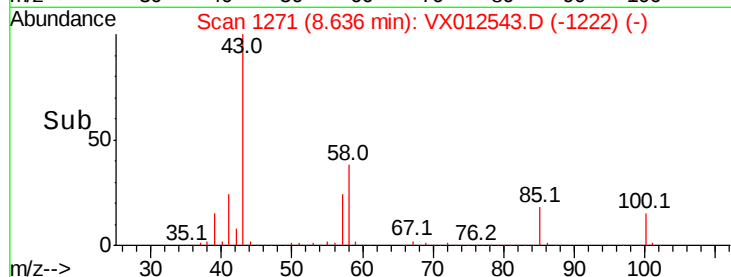
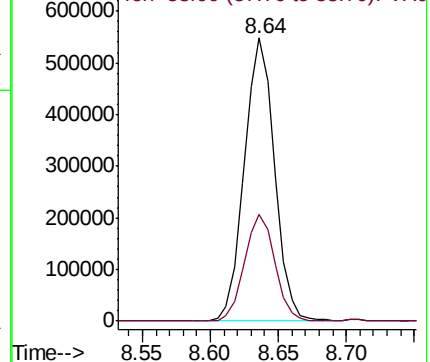
43 100

58 37.8 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 50.414 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX012543.D

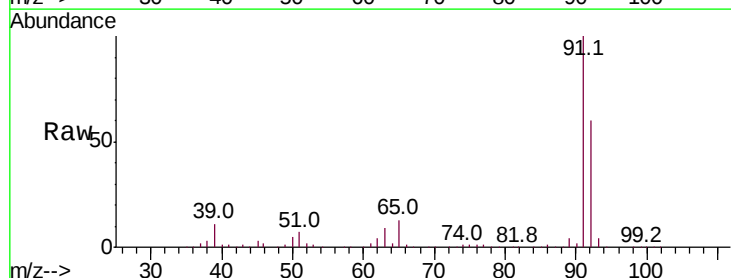
Acq: 19 Sep 2019 21:00

Tgt Ion: 92 Resp: 196251

Ion Ratio Lower Upper

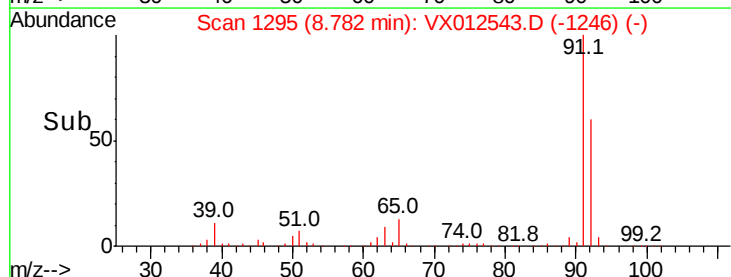
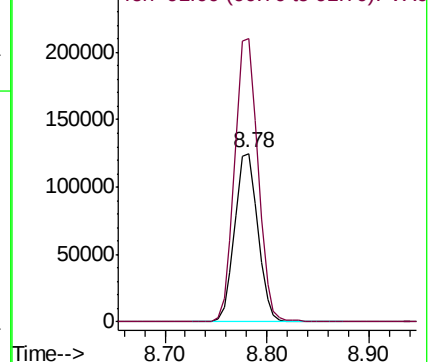
92 100

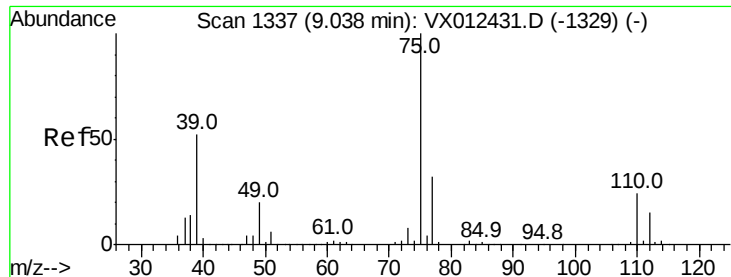
91 168.9 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

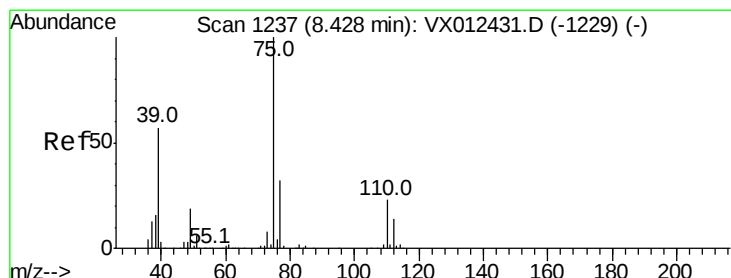
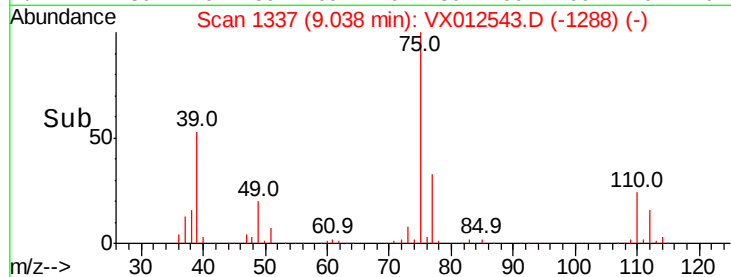
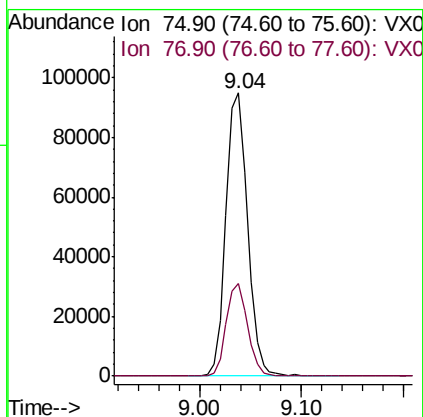
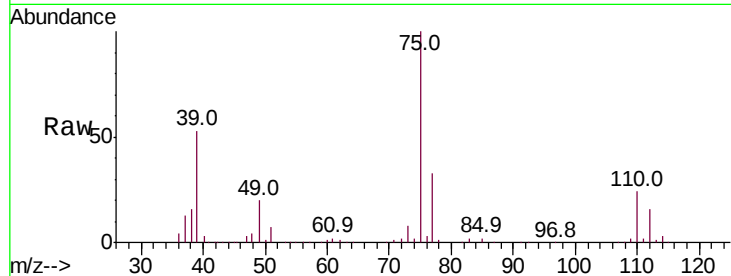




#53
 t-1,3-Dichloropropene
 Concen: 50.143 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VX012543.D
 Acq: 19 Sep 2019 21:00

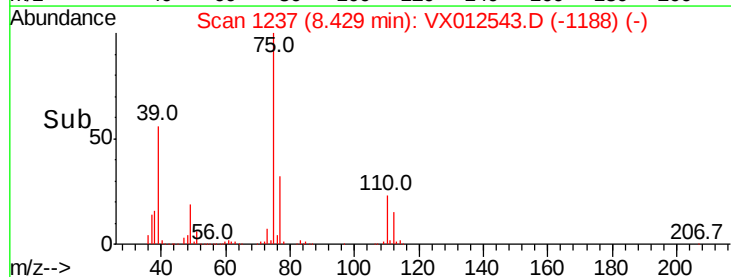
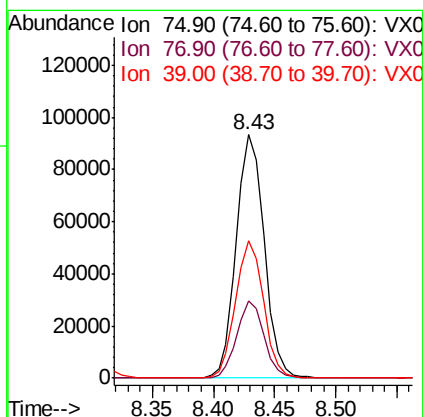
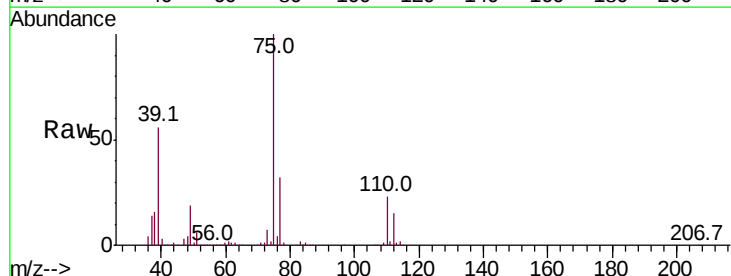
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

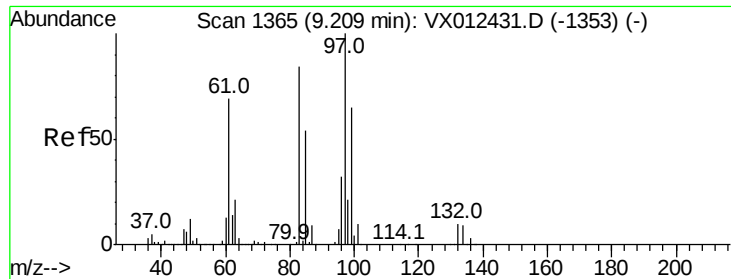
Tot Ion: 75 Resp: 139393
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 51.509 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX012543.D
 Acq: 19 Sep 2019 21:00

Tgt Ion: 75 Resp: 148241
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.8 38.8
 39 56.4 45.5 68.3

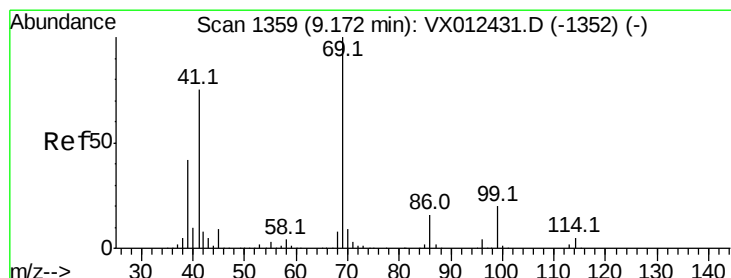
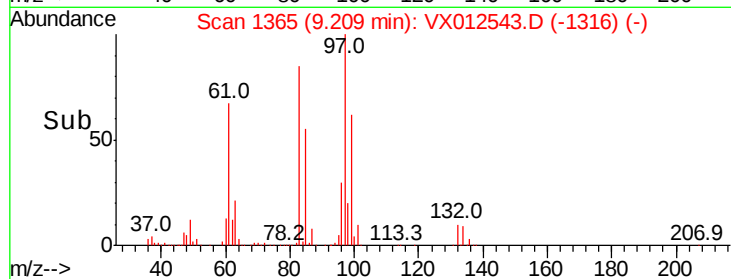
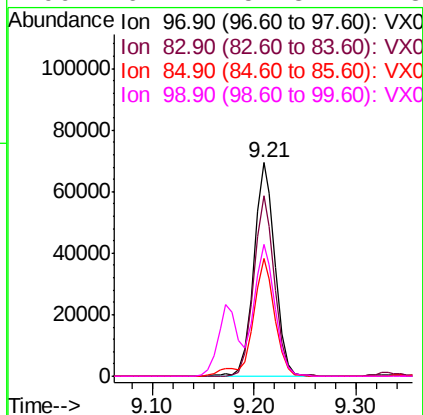
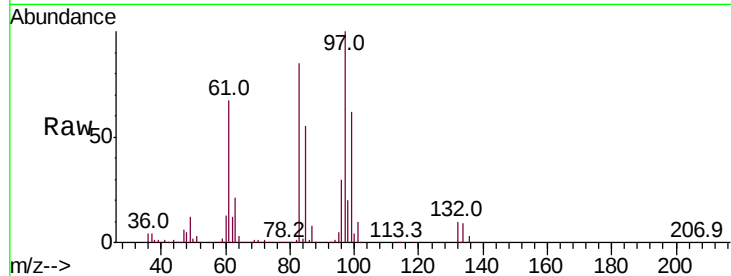




#55
 1,1,2-Trichloroethane
 Concen: 50.338 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012543.D
 Acq: 19 Sep 2019 21:00

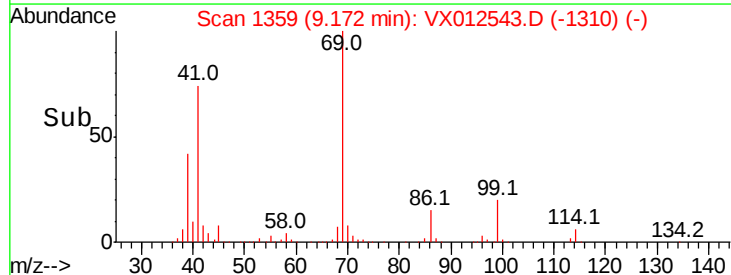
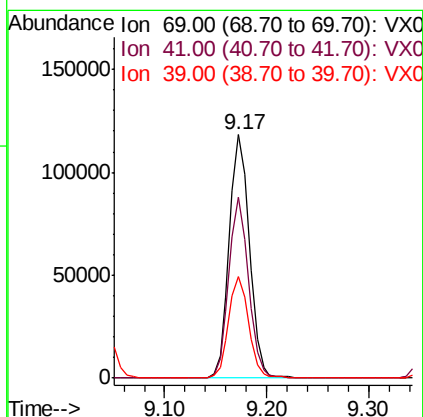
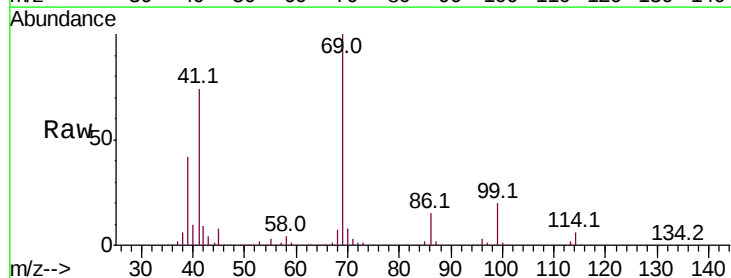
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

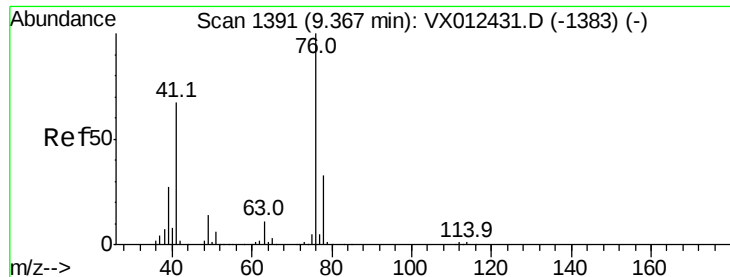
Tot Ion:	97	Resp:	100954
Ion	Ratio	Lower	Upper
97	100		
83	84.6	67.4	101.2
85	55.3	43.5	65.3
99	61.7	51.8	77.8



#56
 Ethyl methacrylate
 Concen: 51.765 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012543.D
 Acq: 19 Sep 2019 21:00

Tgt Ion:	69	Resp:	162316
Ion	Ratio	Lower	Upper
69	100		
41	72.8	58.4	87.6
39	41.1	33.4	50.0





#57

1,3-Dichloropropane

Concen: 51.279 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX012543.D

Acq: 19 Sep 2019 21:00

Instrument :

MSVOA_X

ClientSampleId :

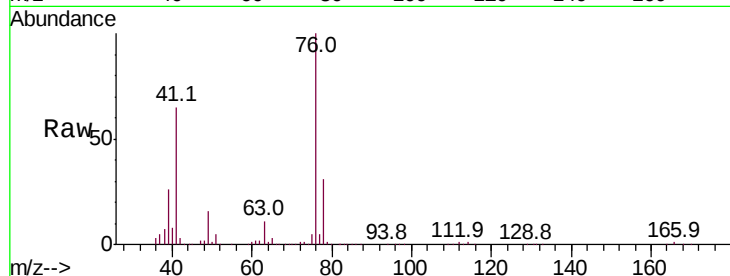
VSTDCCC050EC

Tot Ion: 76 Resp: 164086

Ion Ratio Lower Upper

76 100

78 32.3 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

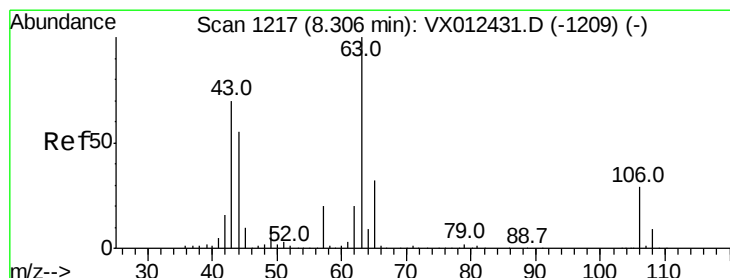
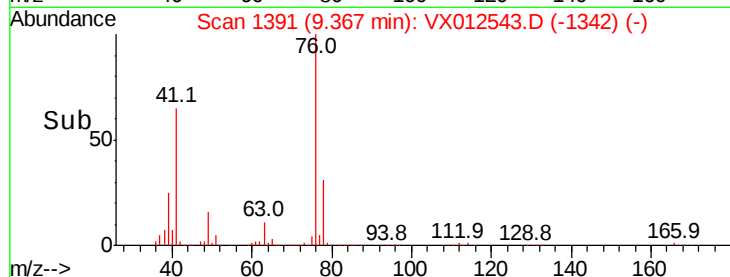
100000

50000

0

Time-->

9.30 9.35 9.40 9.45



#58

2-Chloroethyl Vinyl ether

Concen: 267.353 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX012543.D

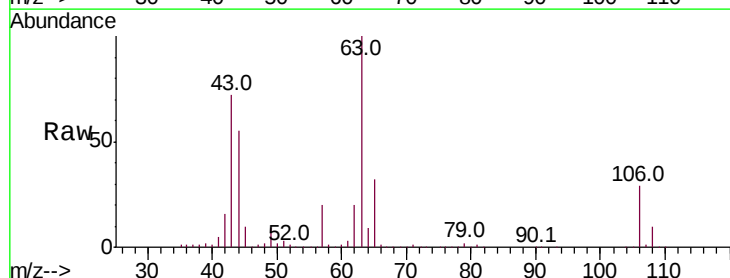
Acq: 19 Sep 2019 21:00

Tgt Ion: 63 Resp: 433947

Ion Ratio Lower Upper

63 100

106 29.0 23.8 35.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

300000

250000

200000

150000

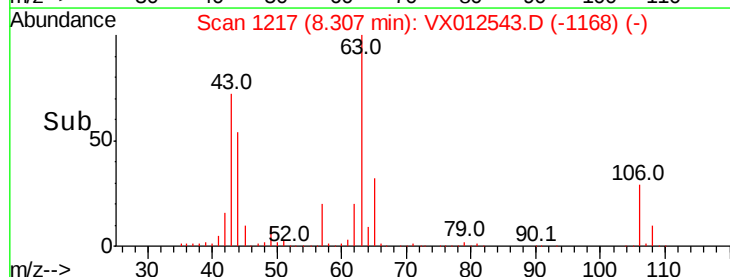
100000

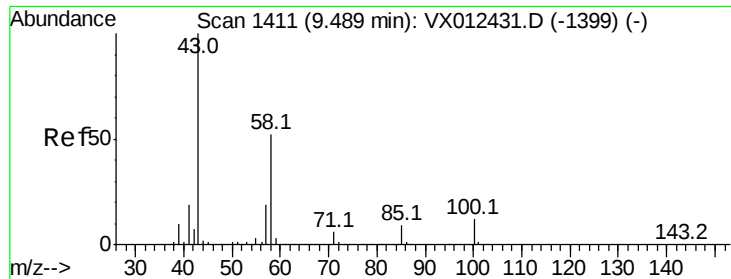
50000

0

Time-->

8.20 8.30 8.40

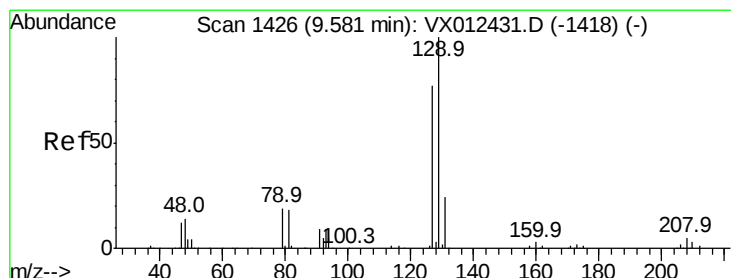
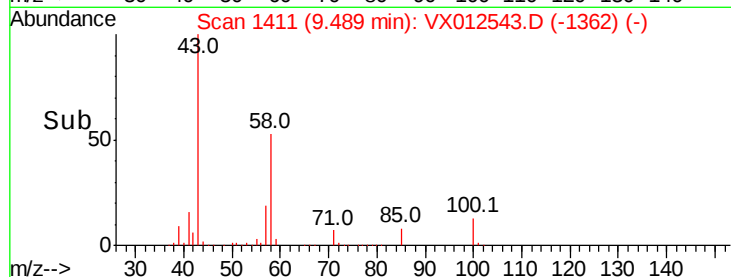
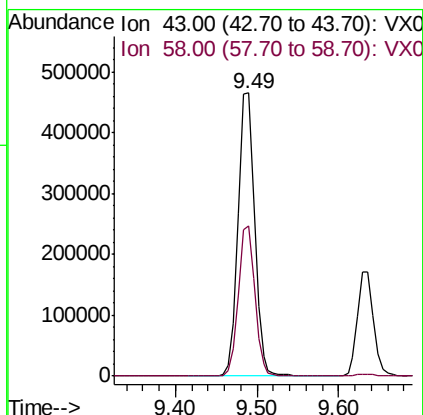
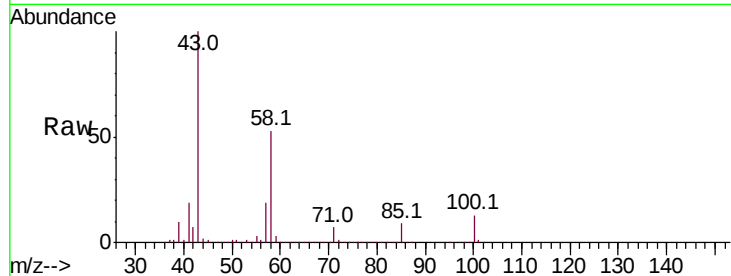




#59
2-Hexanone
Concen: 241.300 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX012543.D
Acq: 19 Sep 2019 21:00

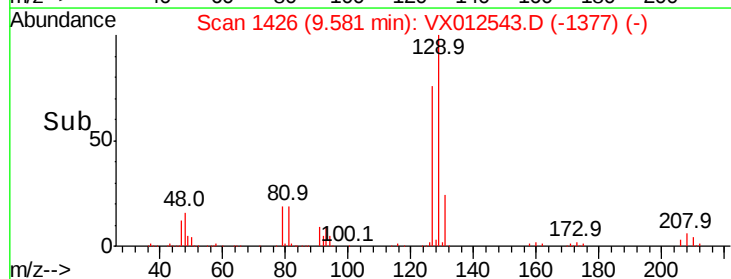
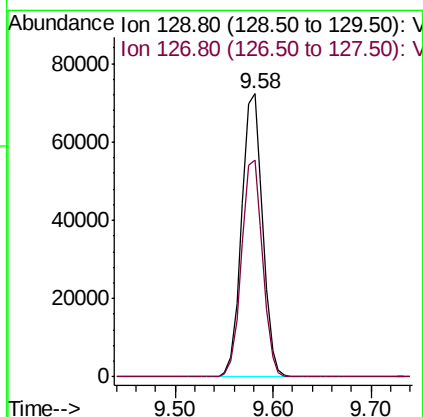
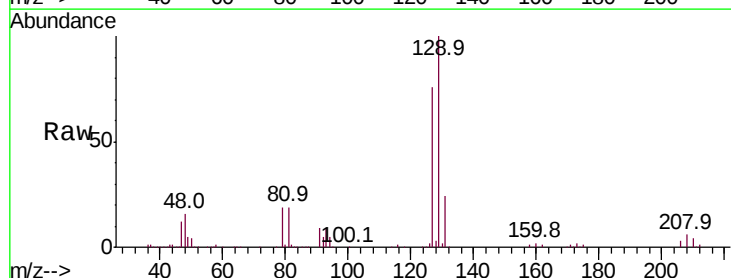
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

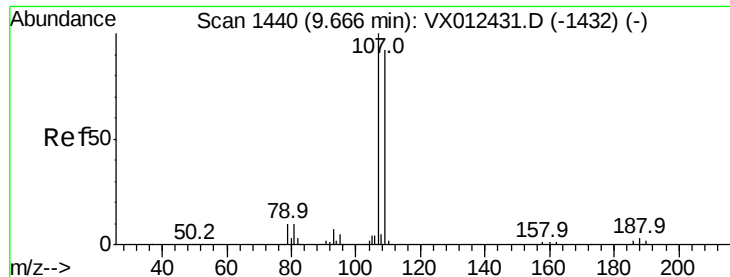
Tot Ion: 43 Resp: 646158
Ion Ratio Lower Upper
43 100
58 52.8 25.7 77.1



#60
Dibromochloromethane
Concen: 52.708 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX012543.D
Acq: 19 Sep 2019 21:00

Tgt Ion: 129 Resp: 107675
Ion Ratio Lower Upper
129 100
127 76.8 38.9 116.6

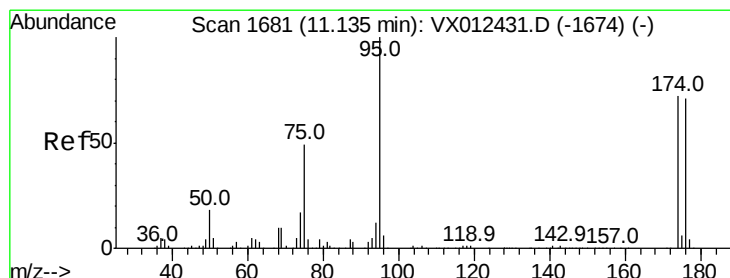
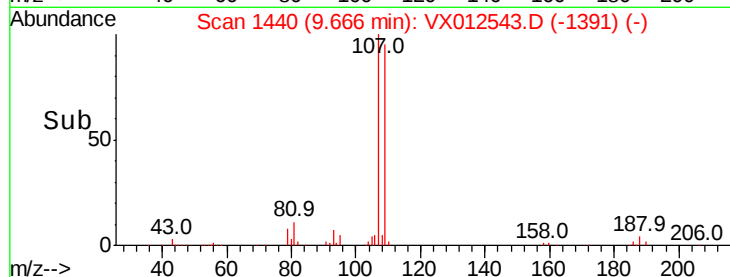
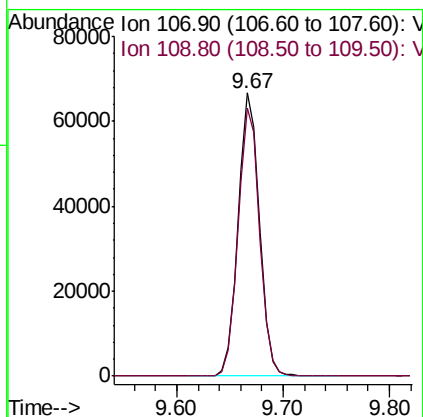
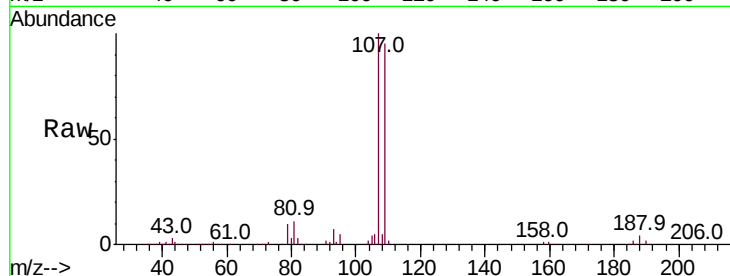




#61
 1,2-Dibromoethane
 Concen: 51.307 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX012543.D
 Acq: 19 Sep 2019 21:00

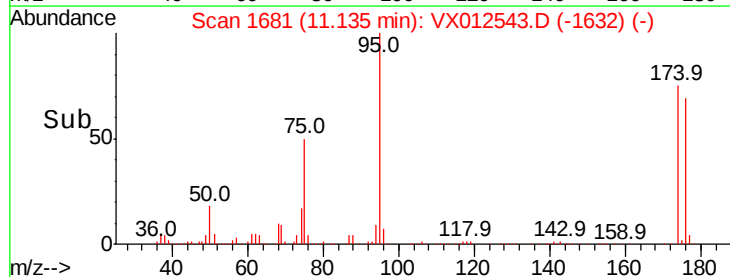
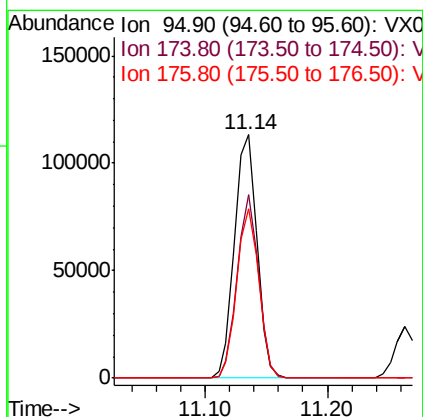
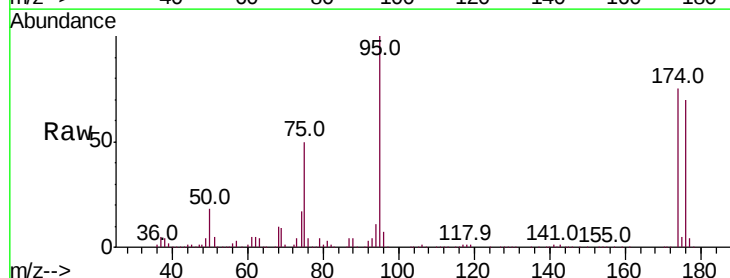
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

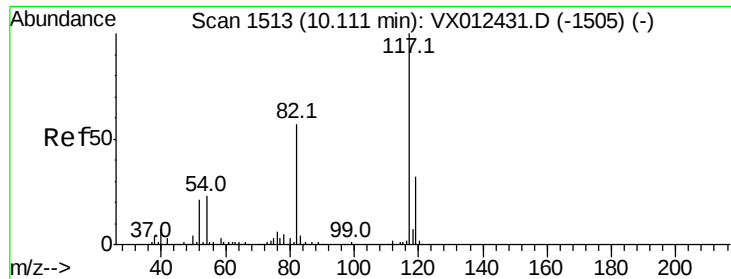
Tot Ion:107 Resp: 93977
 Ion Ratio Lower Upper
 107 100
 109 95.5 74.7 112.1



#62
 4-Bromofluorobenzene
 Concen: 49.366 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. 0.00 min
 Lab File: VX012543.D
 Acq: 19 Sep 2019 21:00

Tgt Ion: 95 Resp: 143542
 Ion Ratio Lower Upper
 95 100
 174 71.9 0.0 140.0
 176 68.7 0.0 135.4

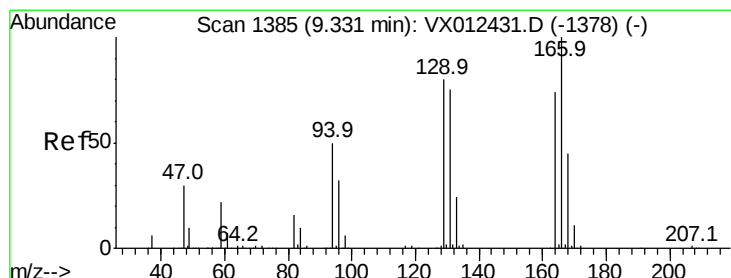
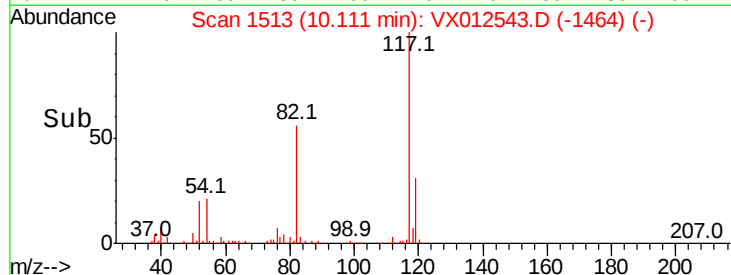
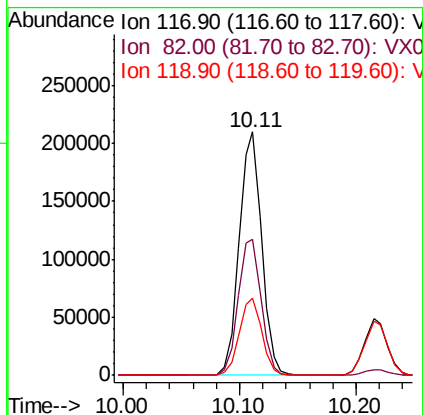
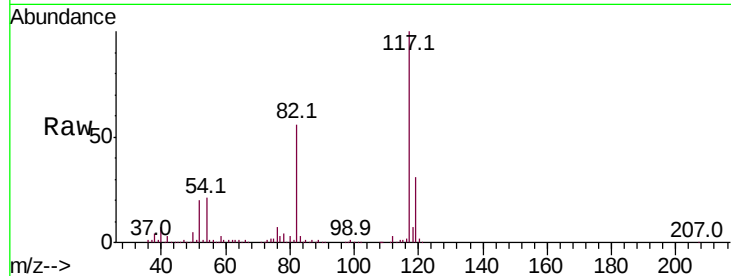




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012543.D
Acq: 19 Sep 2019 21:00

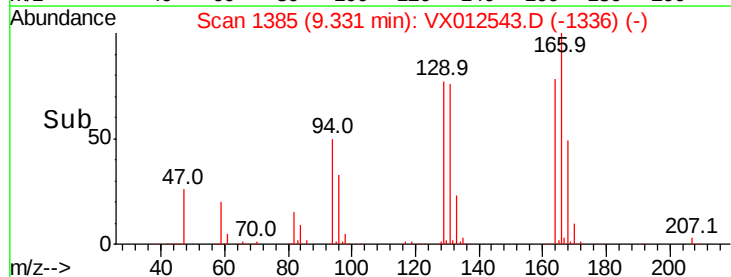
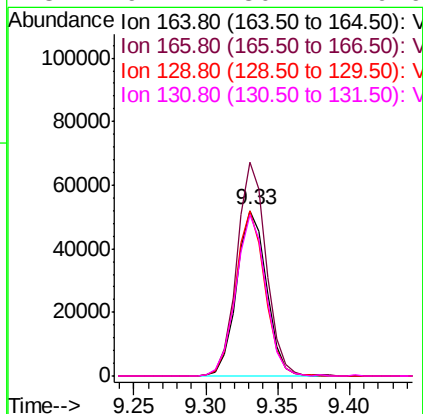
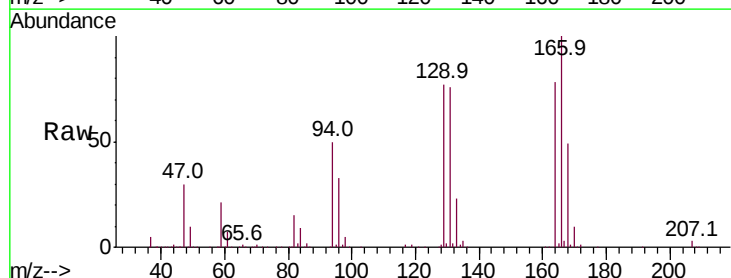
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

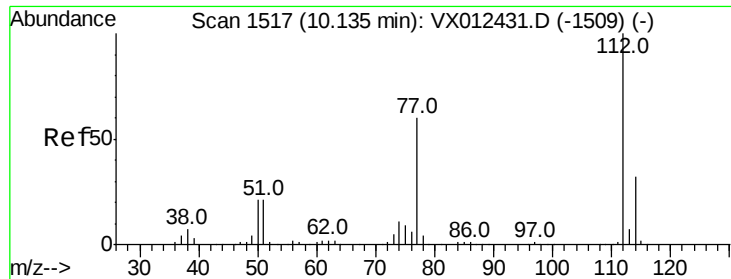
Tot Ion:117 Resp: 282232
Ion Ratio Lower Upper
117 100
82 56.1 45.9 68.9
119 31.5 25.3 37.9



#64
Tetrachloroethene
Concen: 58.049 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012543.D
Acq: 19 Sep 2019 21:00

Tgt Ion:164 Resp: 75074
Ion Ratio Lower Upper
164 100
166 129.0 107.8 161.6
129 99.6 86.2 129.2
131 97.7 80.4 120.6

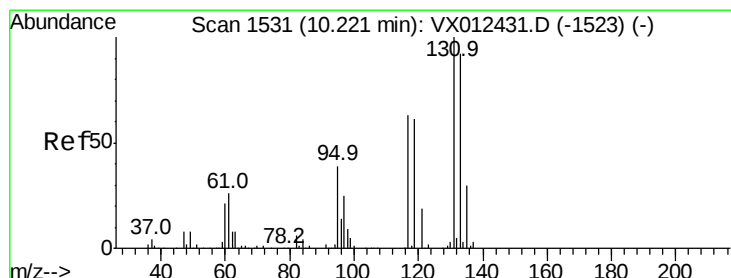
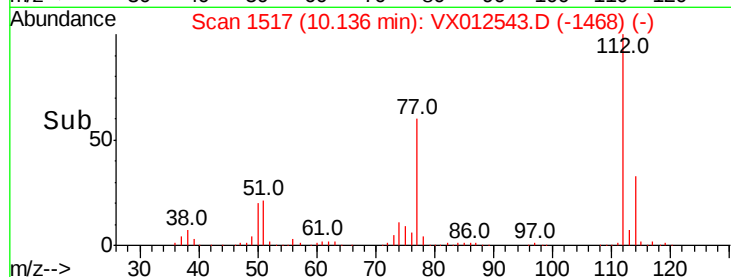
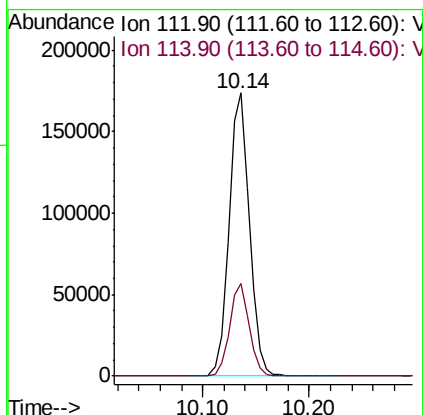
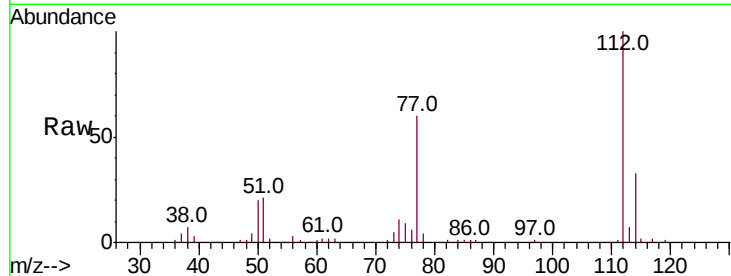




#65
Chlorobenzene
Concen: 50.086 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012543.D
Acq: 19 Sep 2019 21:00

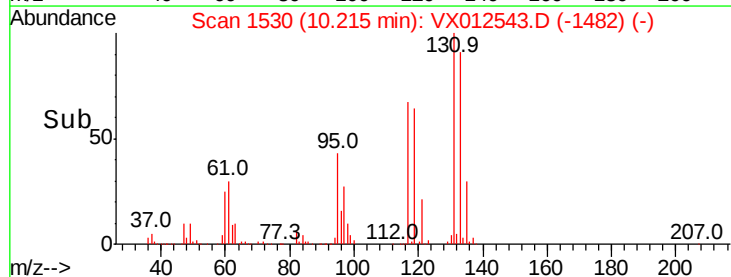
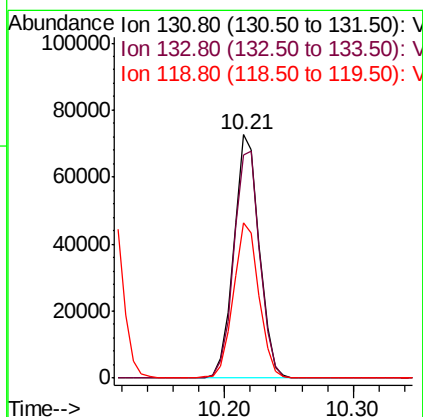
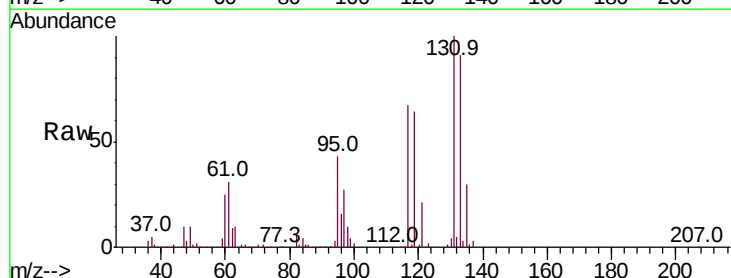
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

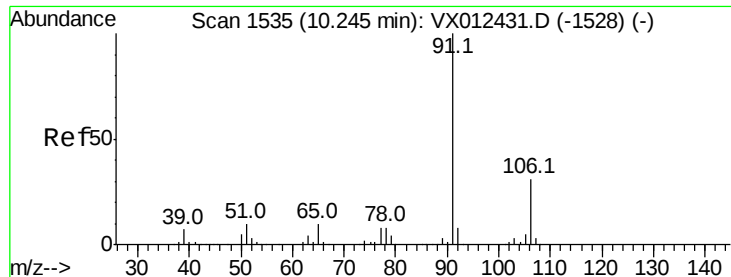
Tot Ion:112 Resp: 233313
Ion Ratio Lower Upper
112 100
114 32.8 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 51.718 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.01 min
Lab File: VX012543.D
Acq: 19 Sep 2019 21:00

Tgt Ion:131 Resp: 99986
Ion Ratio Lower Upper
131 100
133 95.2 47.6 142.9
119 64.1 31.3 93.8

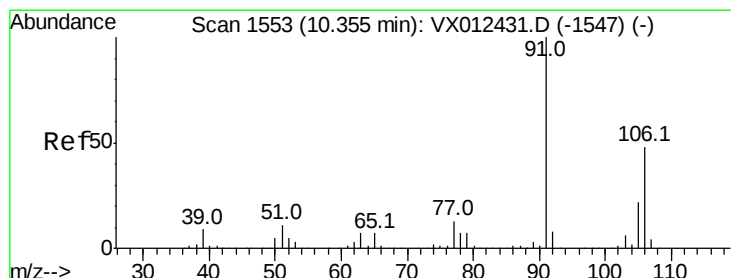
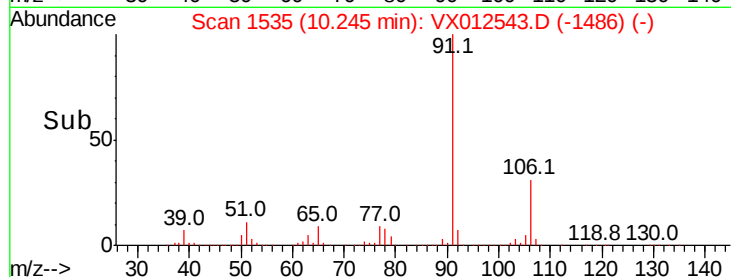
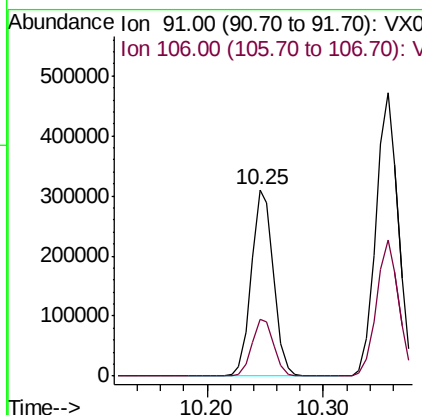
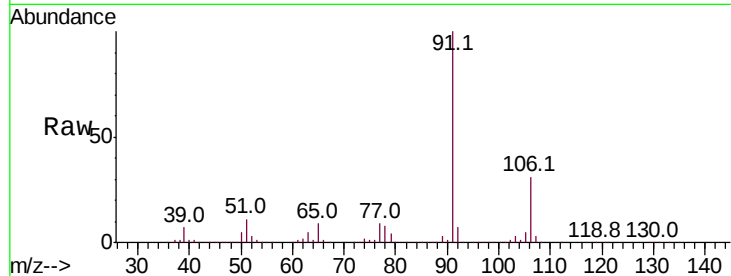




#67
Ethyl Benzene
Concen: 51.297 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX012543.D
Acq: 19 Sep 2019 21:00

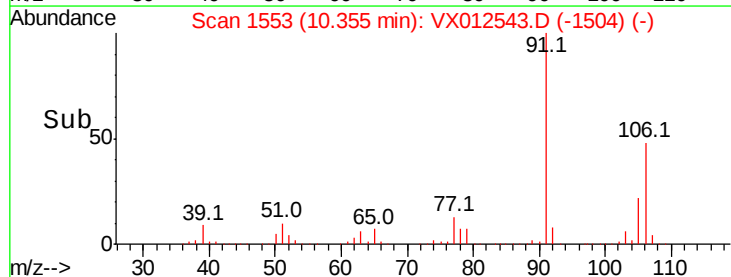
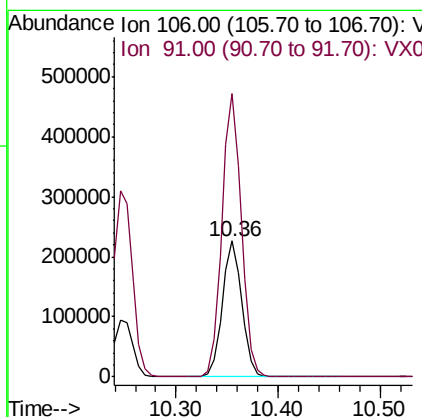
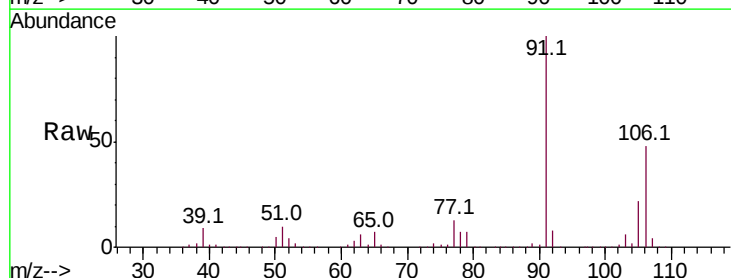
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

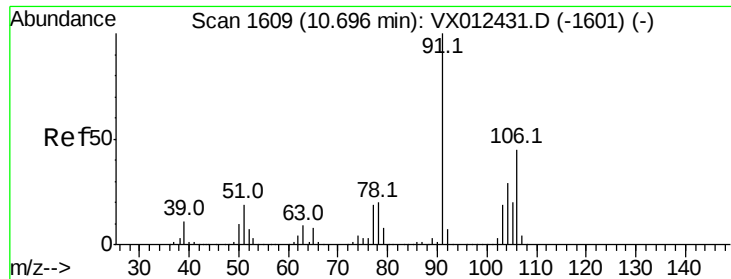
Tot Ion: 91 Resp: 410537
Ion Ratio Lower Upper
91 100
106 30.7 24.6 37.0



#68
m/p-Xylenes
Concen: 102.810 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012543.D
Acq: 19 Sep 2019 21:00

Tgt Ion: 106 Resp: 299377
Ion Ratio Lower Upper
106 100
91 208.7 166.6 250.0

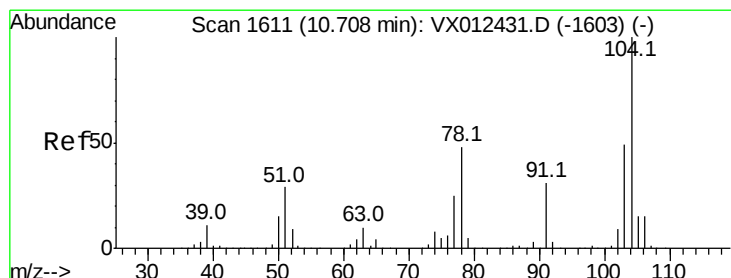
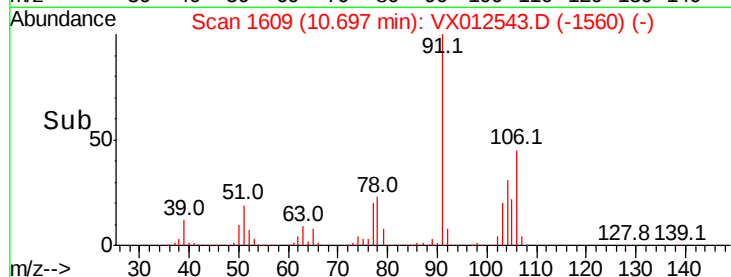
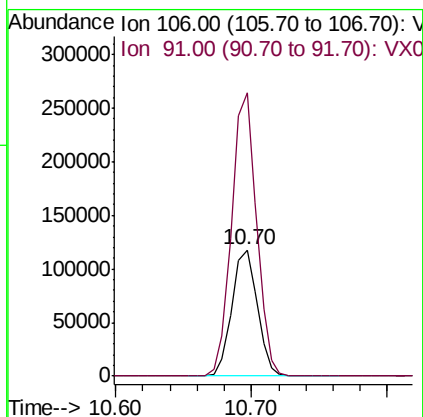
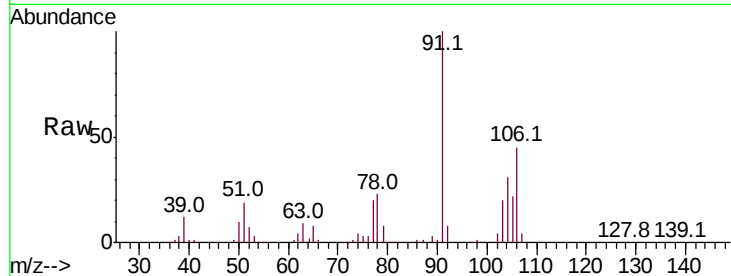




#69
o-Xylene
Concen: 51.299 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012543.D
Acq: 19 Sep 2019 21:00

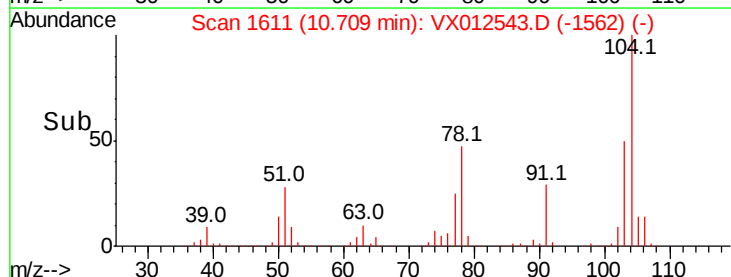
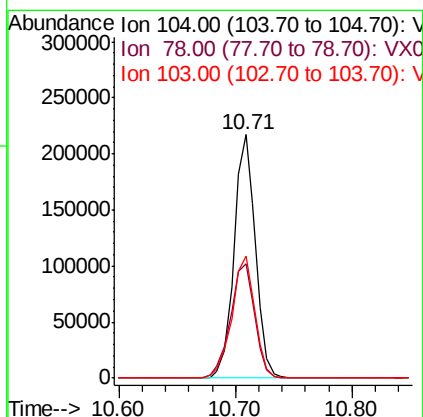
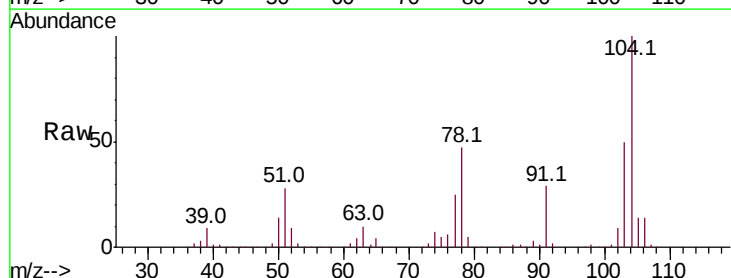
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

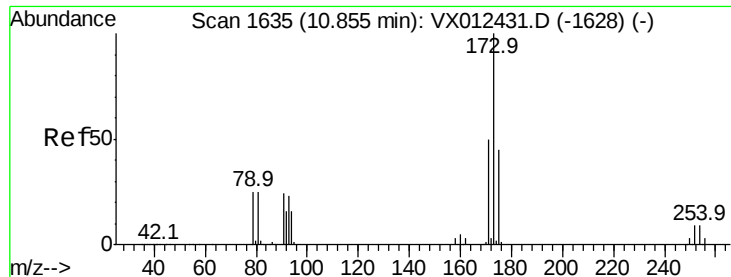
Tot Ion:106 Resp: 153623
Ion Ratio Lower Upper
106 100
91 219.8 109.4 328.2



#70
Styrene
Concen: 52.237 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012543.D
Acq: 19 Sep 2019 21:00

Tgt Ion:104 Resp: 276776
Ion Ratio Lower Upper
104 100
78 53.6 43.4 65.2
103 54.1 43.3 64.9





#71

Bromoform

Concen: 46.006 ug/l

RT: 10.86 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012543.D

Acq: 19 Sep 2019 21:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

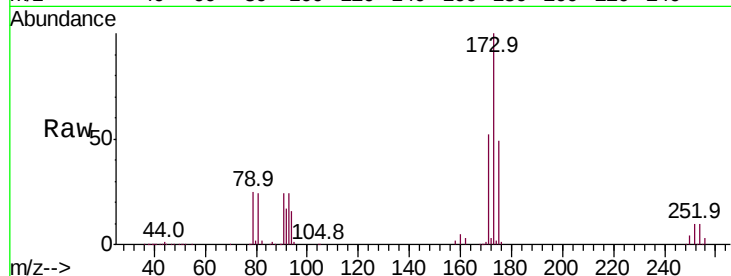
Tot Ion:173 Resp: 76176

Ion Ratio Lower Upper

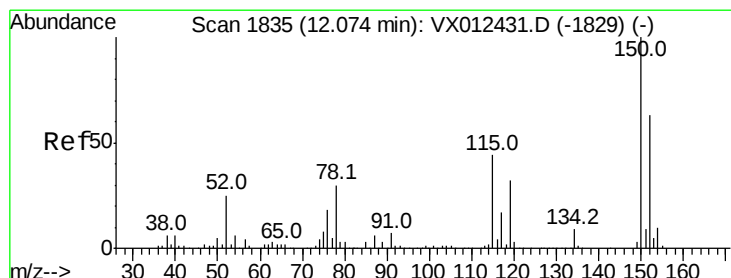
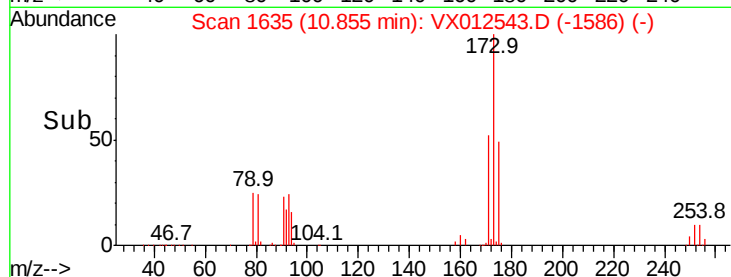
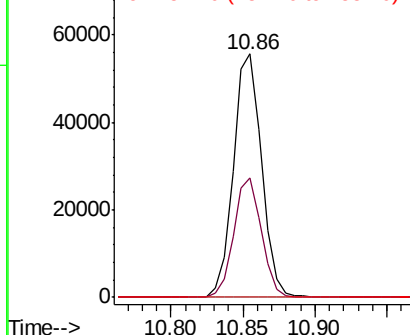
173 100

175 48.2 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: VX012543.D

Acq: 19 Sep 2019 21:00

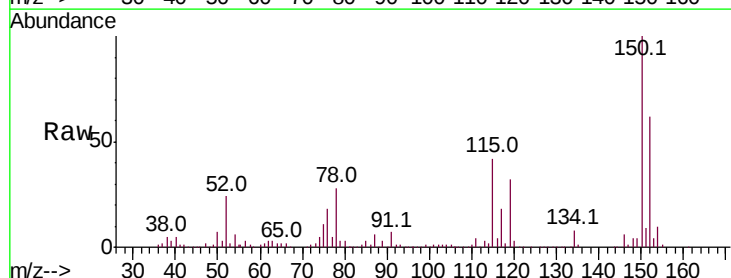
Tgt Ion:152 Resp: 133110

Ion Ratio Lower Upper

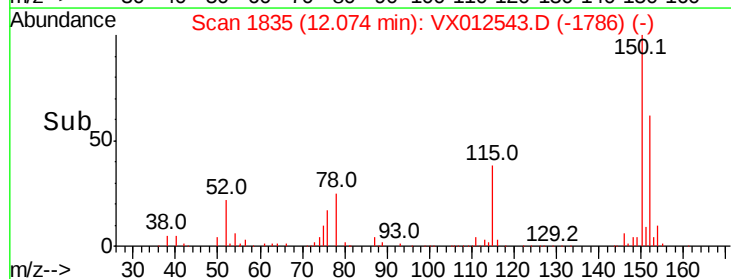
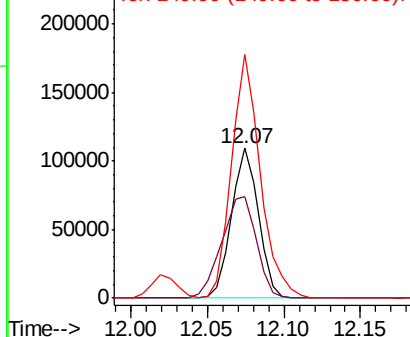
152 100

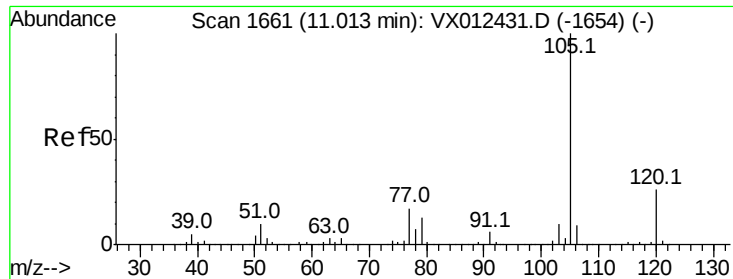
115 86.5 44.1 132.3

150 174.5 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: 51.455 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012543.D

Acq: 19 Sep 2019 21:00

Instrument :

MSVOA_X

ClientSampleId :

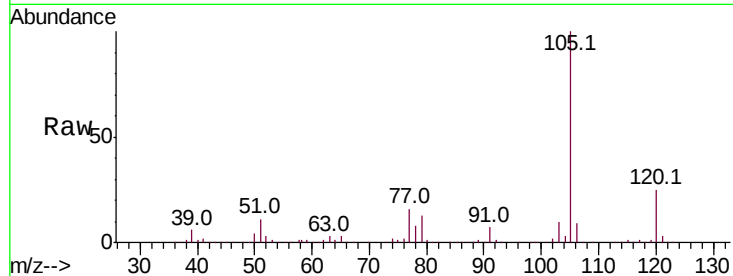
VSTDCCC050EC

Tot Ion:105 Resp: 429743

Ion Ratio Lower Upper

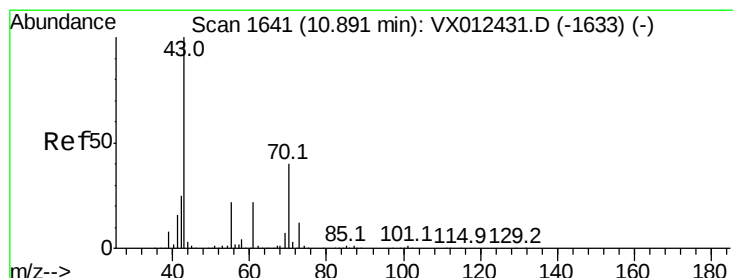
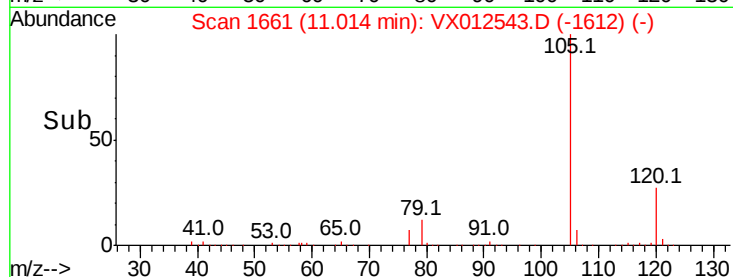
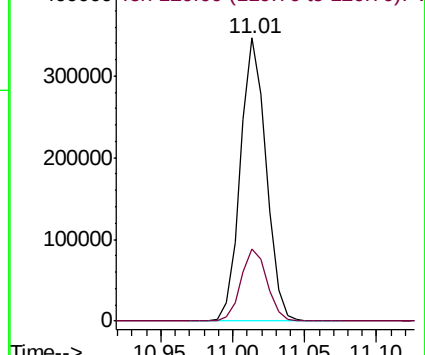
105 100

120 25.9 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: 52.558 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012543.D

Acq: 19 Sep 2019 21:00

Tgt Ion: 43 Resp: 236328

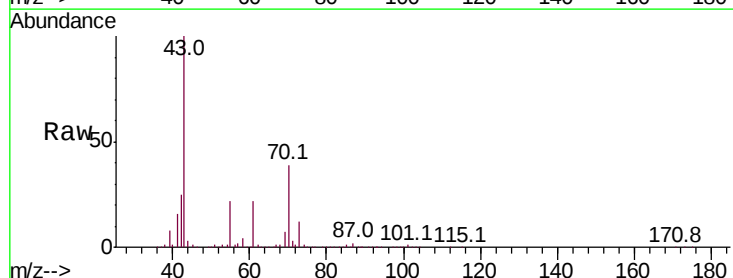
Ion Ratio Lower Upper

43 100

70 40.2 32.4 48.6

55 23.3 18.2 27.4

61 23.2 18.5 27.7

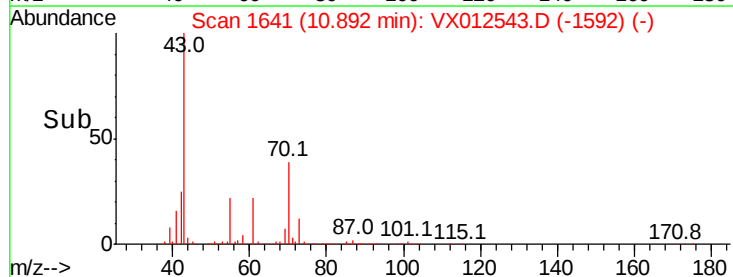
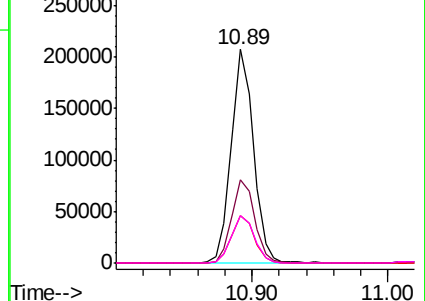


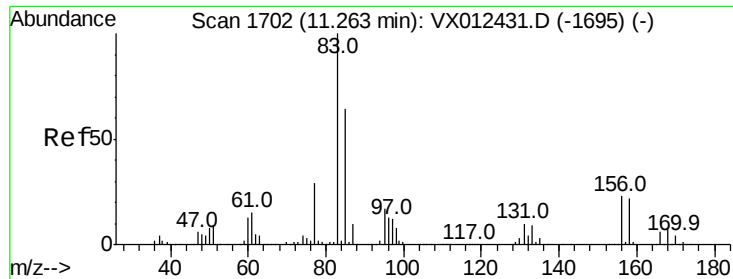
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 50.290 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012543.D

Acq: 19 Sep 2019 21:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

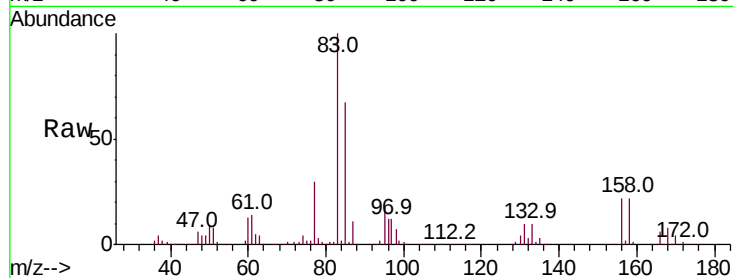
Tot Ion: 83 Resp: 164762

Ion Ratio Lower Upper

83 100

131 10.3 5.2 15.6

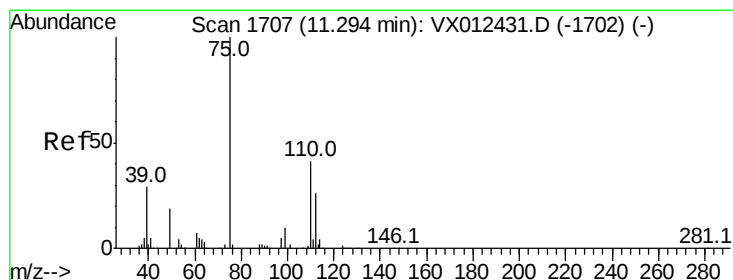
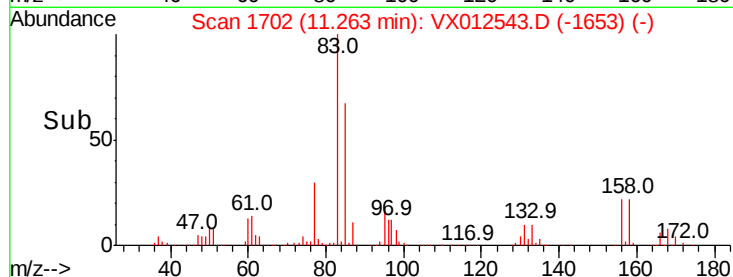
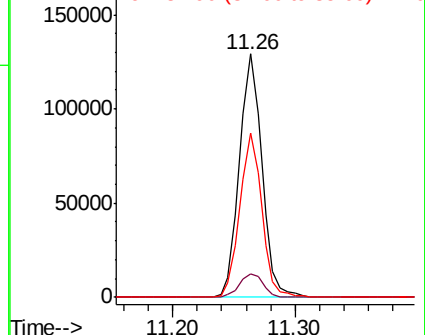
85 65.8 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 63.104 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX012543.D

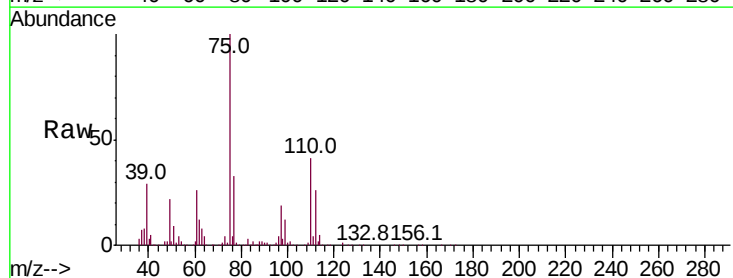
Acq: 19 Sep 2019 21:00

Tgt Ion: 75 Resp: 192948

Ion Ratio Lower Upper

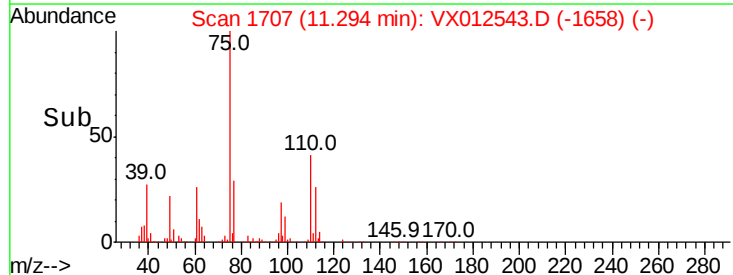
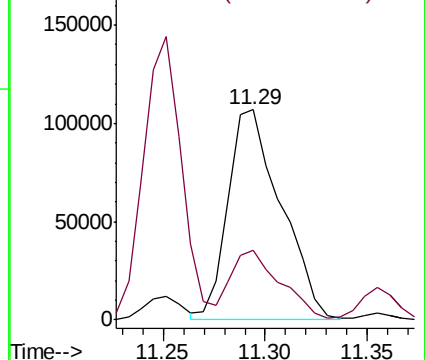
75 100

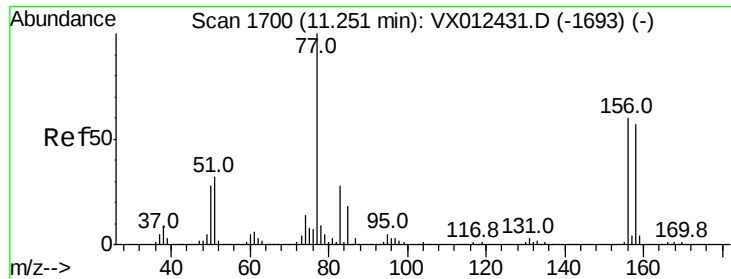
77 30.8 19.7 59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.771 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012543.D

Acq: 19 Sep 2019 21:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

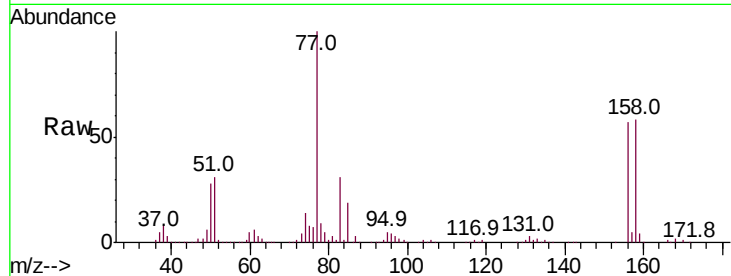
Tot Ion:156 Resp: 103413

Ion Ratio Lower Upper

156 100

77 181.4 87.3 261.8

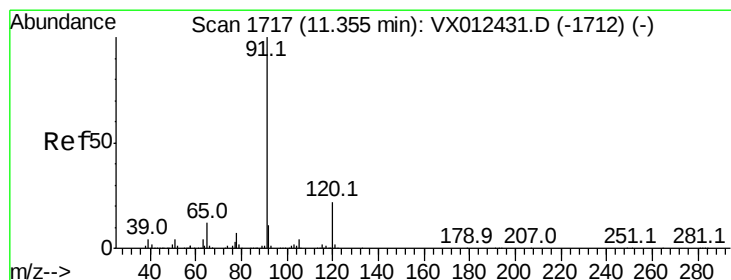
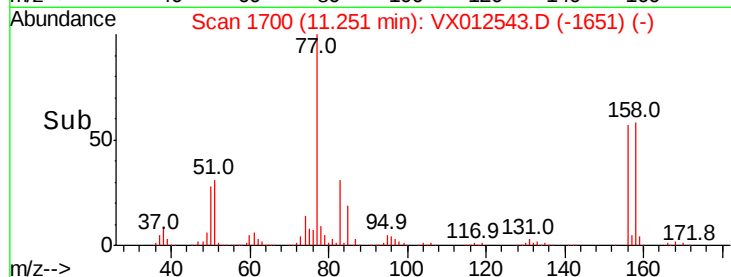
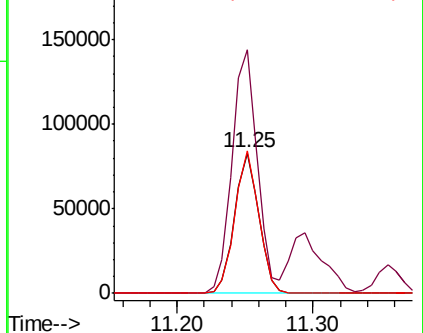
158 100.0 48.5 145.6



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: 51.789 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012543.D

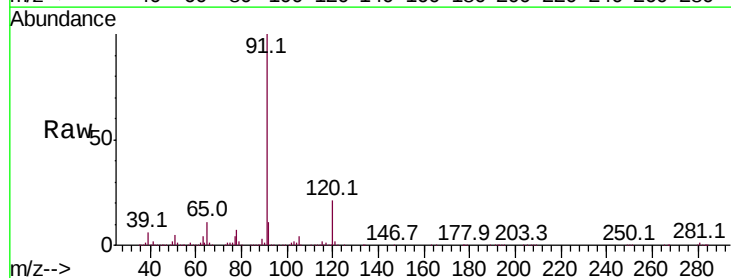
Acq: 19 Sep 2019 21:00

Tgt Ion: 91 Resp: 482075

Ion Ratio Lower Upper

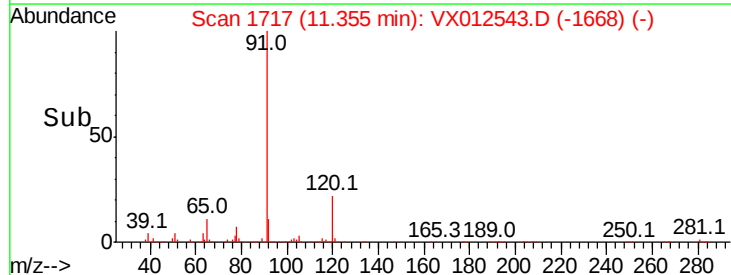
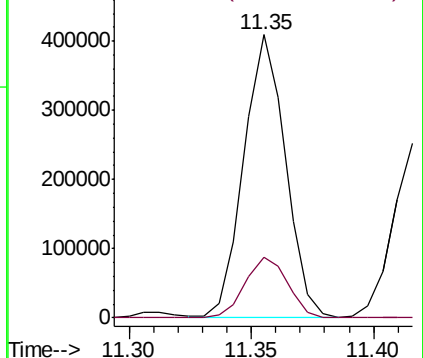
91 100

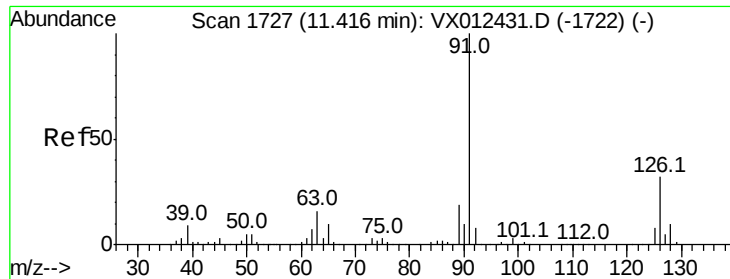
120 22.2 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

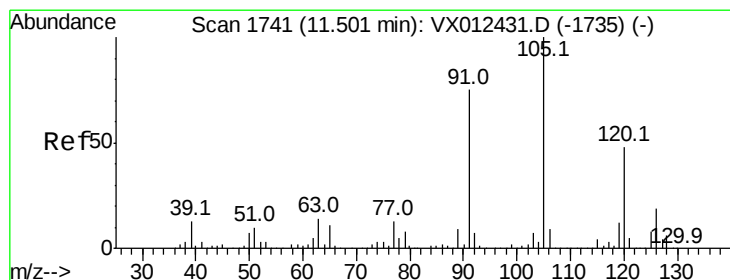
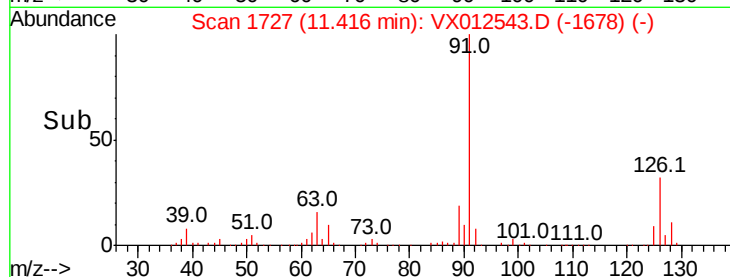
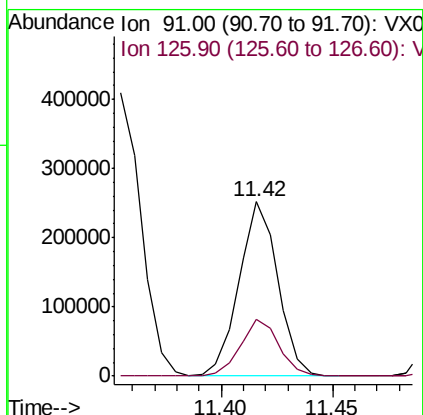
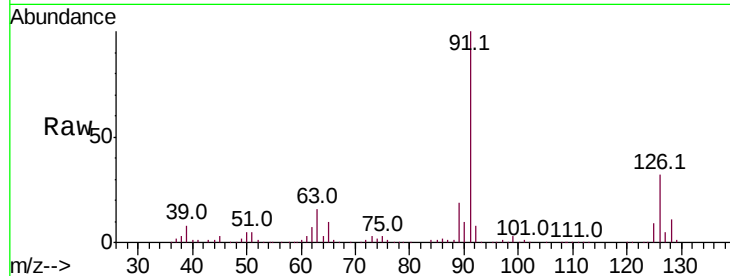




#79
 2-Chlorotoluene
 Concen: 50.356 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX012543.D
 Acq: 19 Sep 2019 21:00

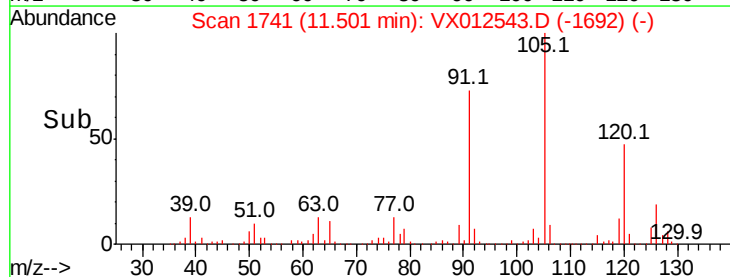
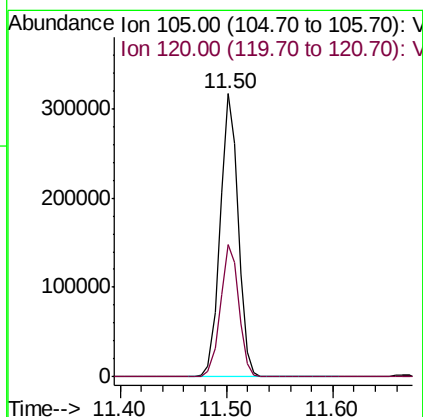
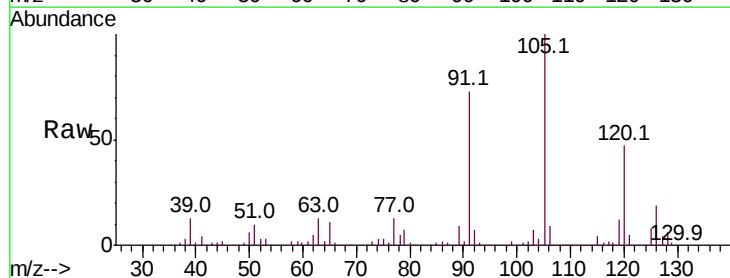
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

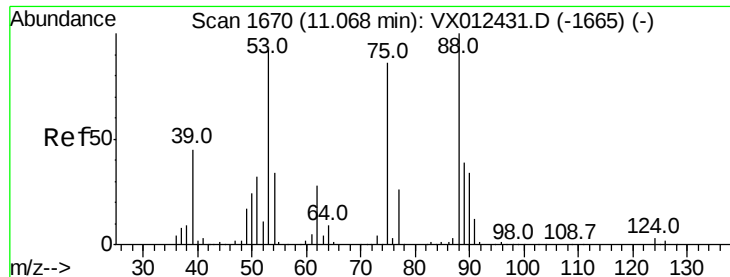
Tot Ion: 91 Resp: 304942
 Ion Ratio Lower Upper
 91 100
 126 32.3 16.4 49.4



#80
 1,3,5-Trimethylbenzene
 Concen: 52.367 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012543.D
 Acq: 19 Sep 2019 21:00

Tgt Ion: 105 Resp: 373001
 Ion Ratio Lower Upper
 105 100
 120 47.5 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 44.658 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX012543.D

Acq: 19 Sep 2019 21:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

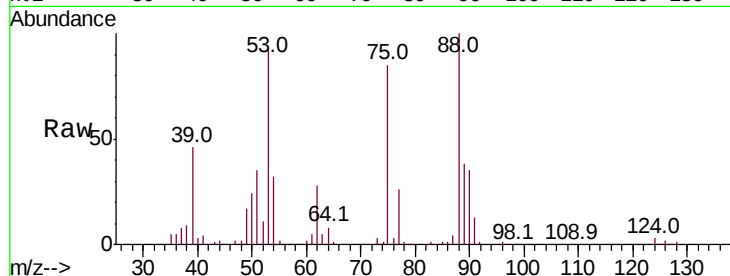
Tot Ion: 75 Resp: 49345

Ion Ratio Lower Upper

75 100

53 108.6 83.6 125.4

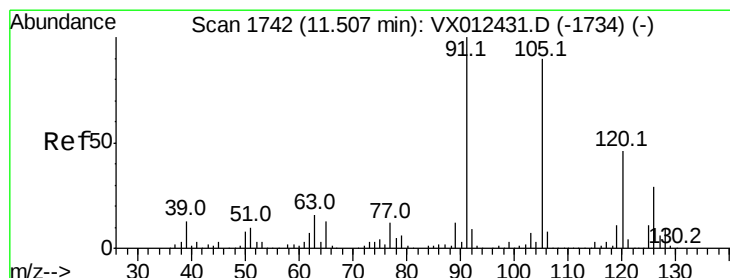
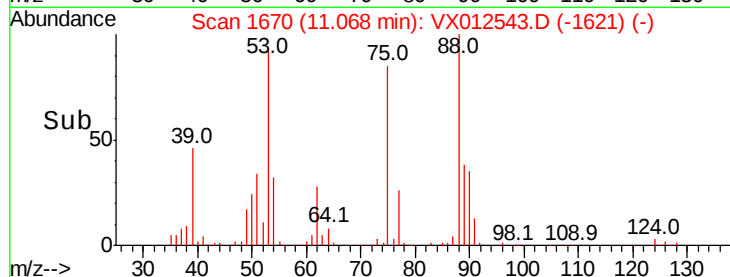
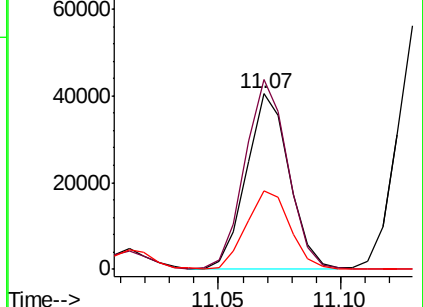
89 46.2 36.3 54.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 51.021 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX012543.D

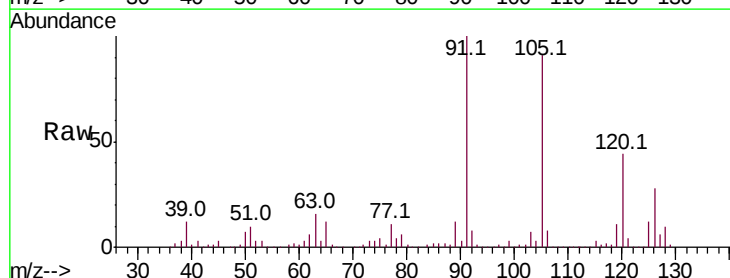
Acq: 19 Sep 2019 21:00

Tgt Ion: 91 Resp: 354604

Ion Ratio Lower Upper

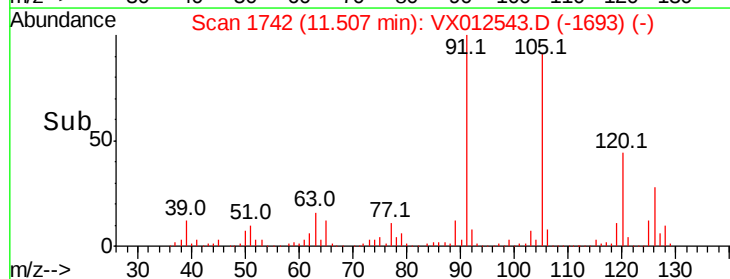
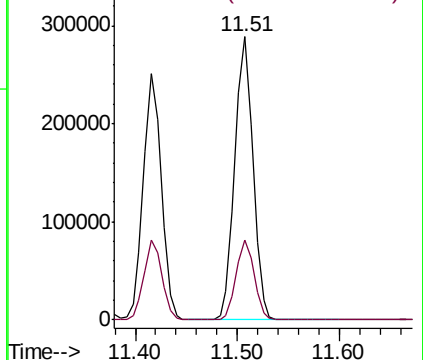
91 100

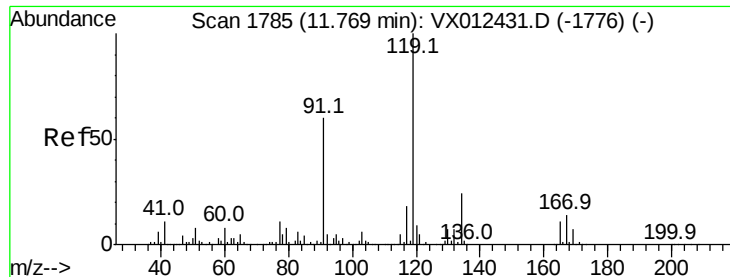
126 28.1 14.4 43.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

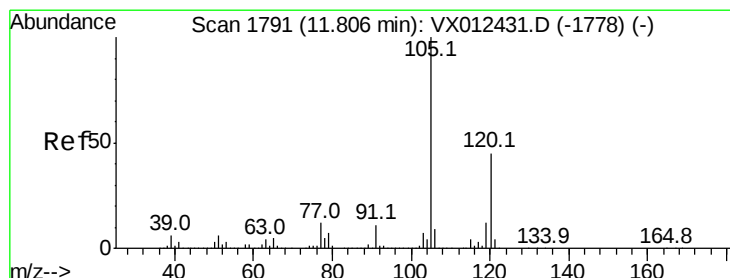
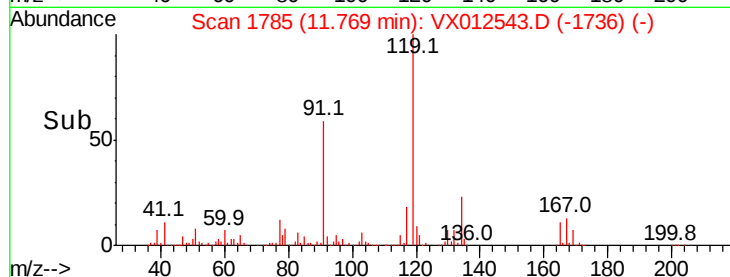
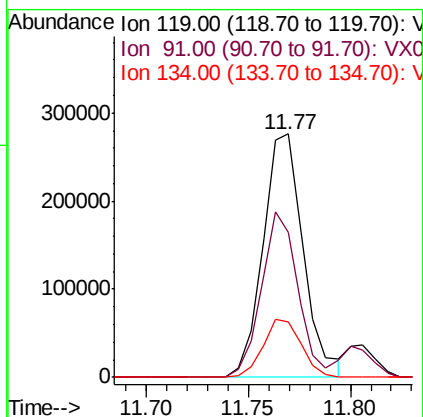
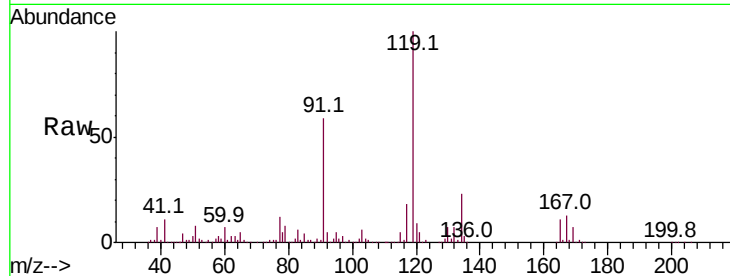




#83
tert-Butylbenzene
Concen: 49.877 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VX012543.D
Acq: 19 Sep 2019 21:00

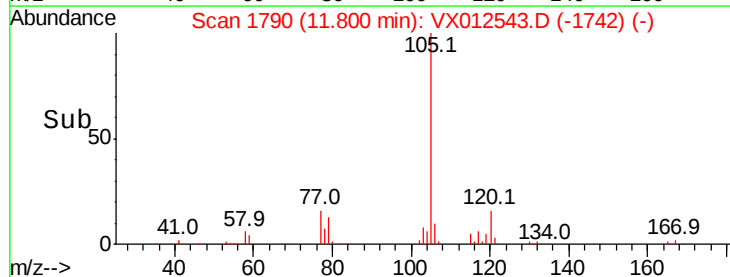
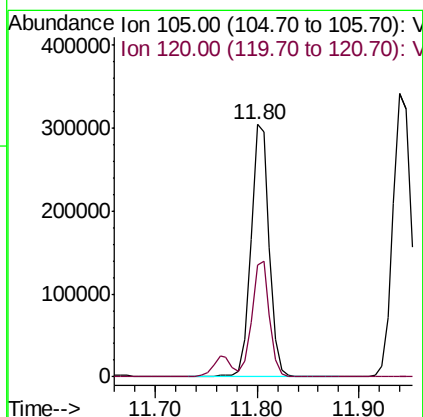
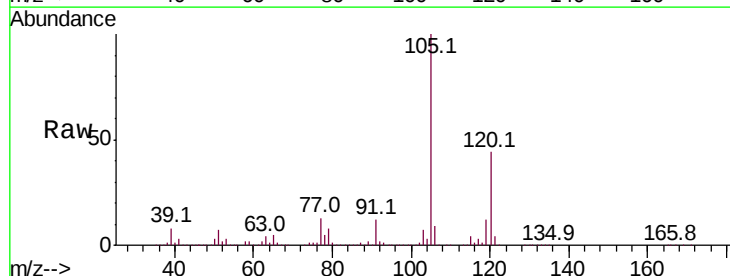
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

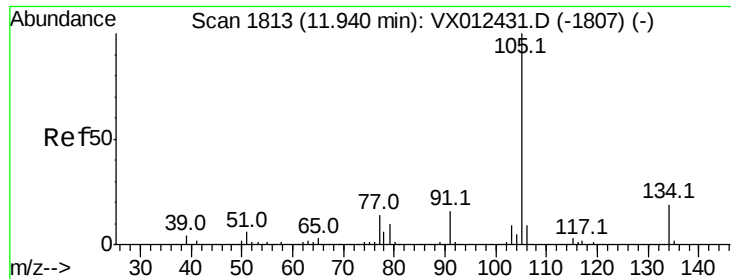
Tot Ion	Ratio	Lower	Upper
119	100		
91	61.0	30.0	90.0
134	22.7	11.3	33.9



#84
1,2,4-Trimethylbenzene
Concen: 51.961 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX012543.D
Acq: 19 Sep 2019 21:00

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.3	22.2	66.6





#85

sec-Butylbenzene

Concen: 50.785 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX012543.D

Acq: 19 Sep 2019 21:00

Instrument :

MSVOA_X

ClientSampleId :

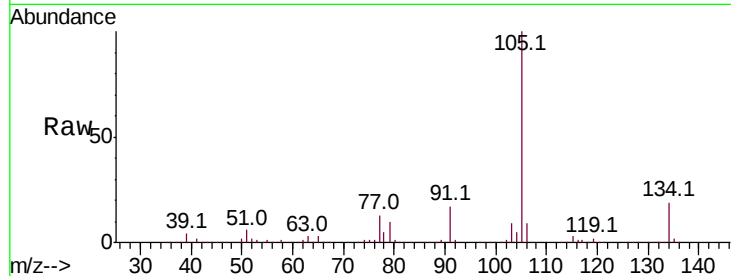
VSTDCCC050EC

Tot Ion:105 Resp: 427119

Ion Ratio Lower Upper

105 100

134 20.0 9.8 29.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

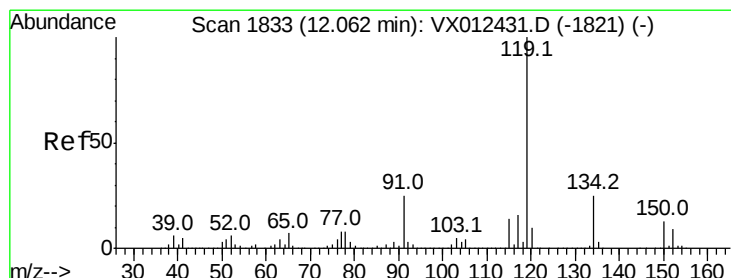
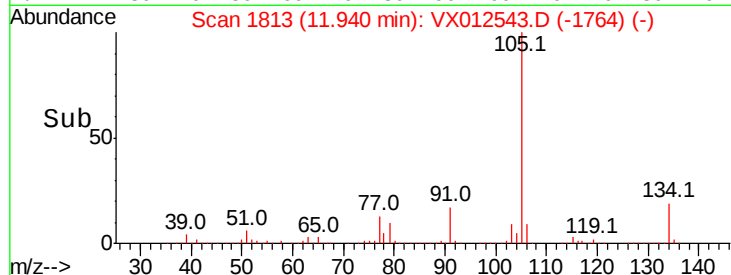
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 50.615 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX012543.D

Acq: 19 Sep 2019 21:00

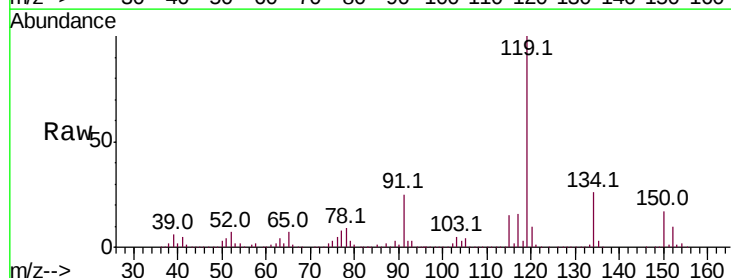
Tgt Ion:119 Resp: 390892

Ion Ratio Lower Upper

119 100

134 25.5 12.7 38.1

91 26.1 12.8 38.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.06

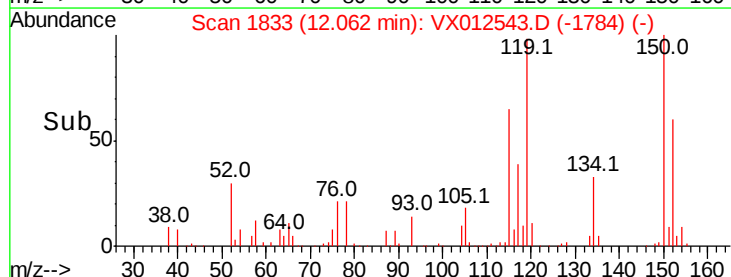
300000

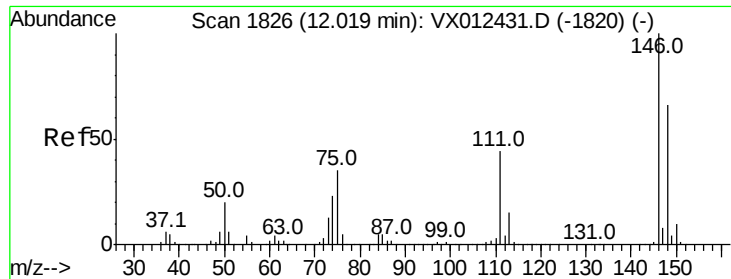
200000

100000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 51.715 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX012543.D

Acq: 19 Sep 2019 21:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

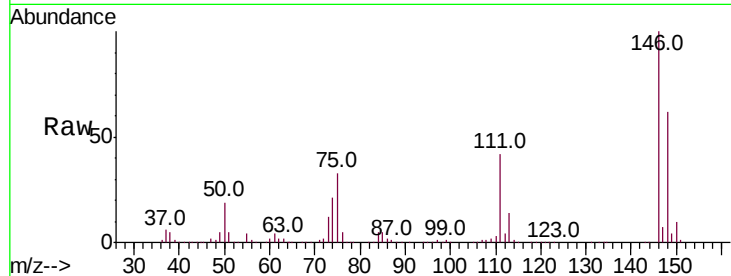
Tot Ion:146 Resp: 198146

Ion Ratio Lower Upper

146 100

111 42.5 21.3 64.0

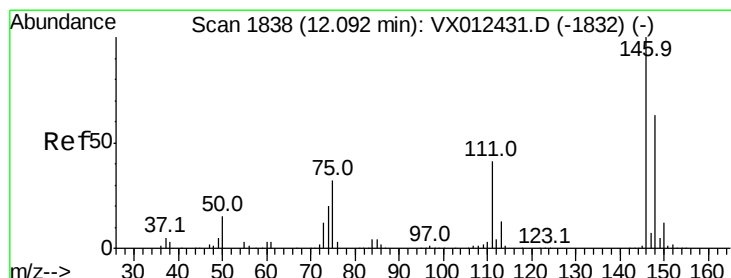
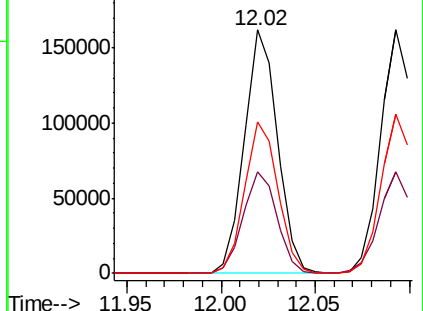
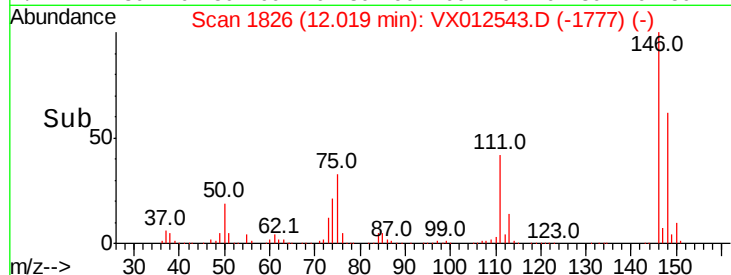
148 62.3 32.4 97.2



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: 50.407 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX012543.D

Acq: 19 Sep 2019 21:00

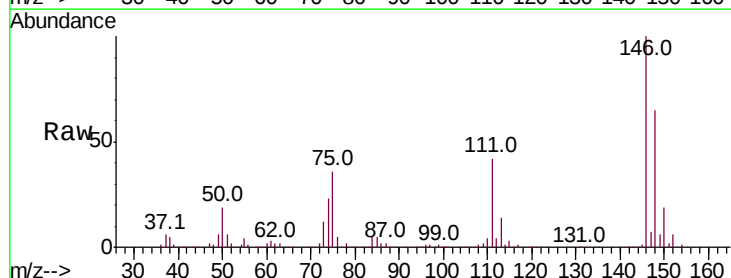
Tgt Ion:146 Resp: 198392

Ion Ratio Lower Upper

146 100

111 41.9 21.1 63.3

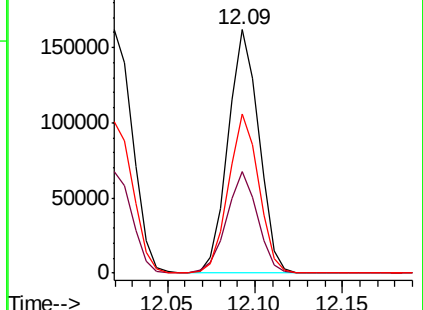
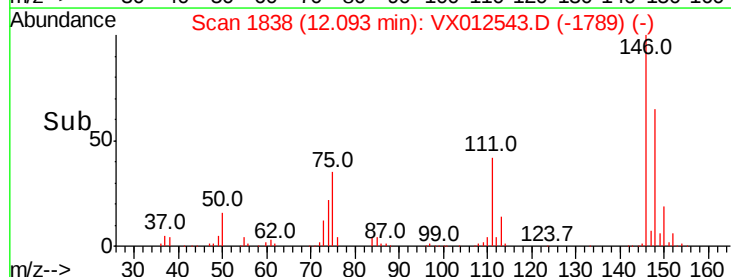
148 64.7 32.1 96.5

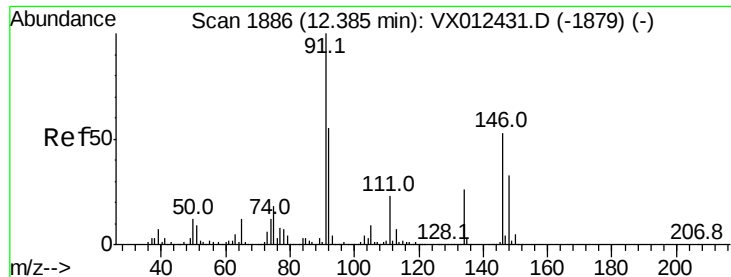


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

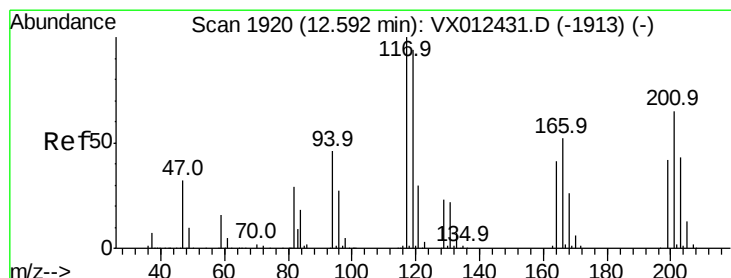
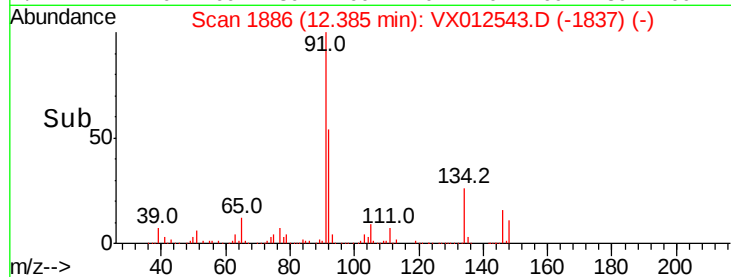
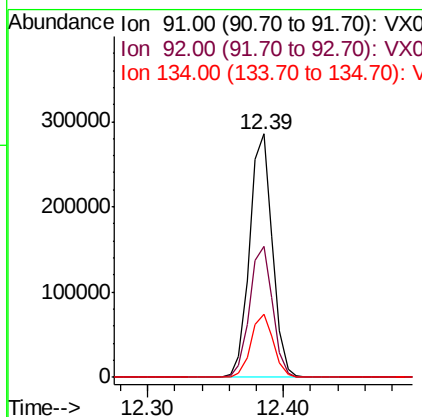
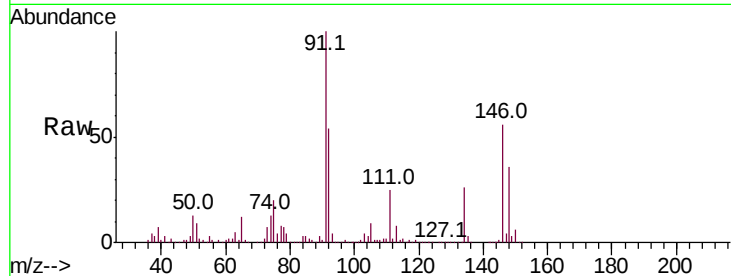




#89
n-Butylbenzene
Concen: 48.631 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012543.D
Acq: 19 Sep 2019 21:00

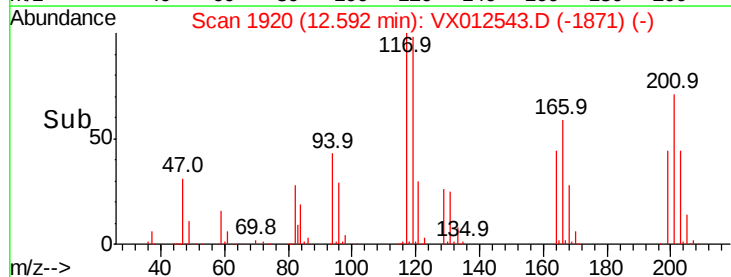
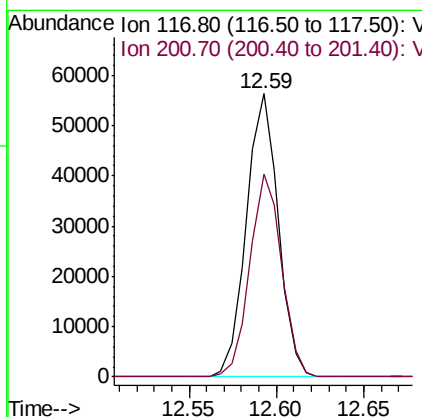
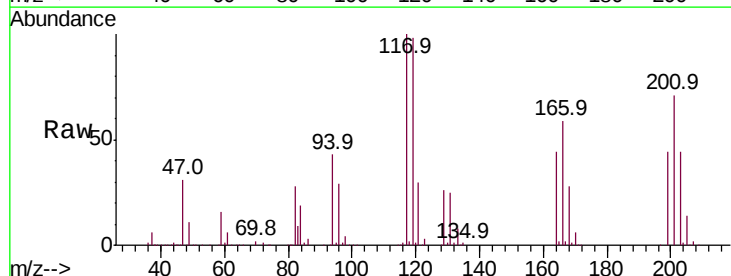
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

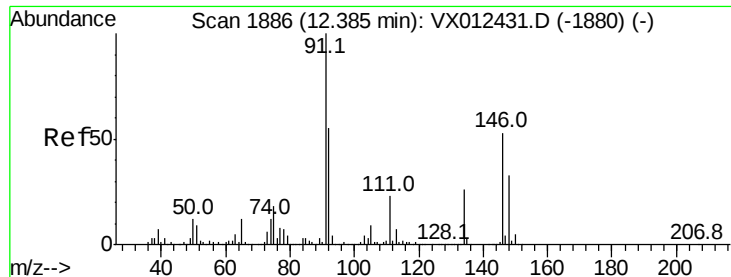
Tot Ion: 91 Resp: 335096
Ion Ratio Lower Upper
91 100
92 54.5 27.7 83.0
134 25.7 12.9 38.6



#90
Hexachloroethane
Concen: 50.541 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012543.D
Acq: 19 Sep 2019 21:00

Tgt Ion: 117 Resp: 71568
Ion Ratio Lower Upper
117 100
201 71.1 33.3 99.8

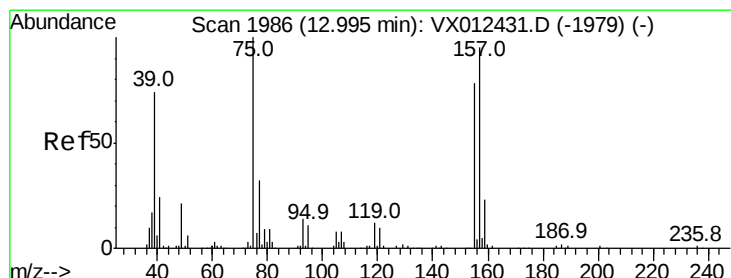
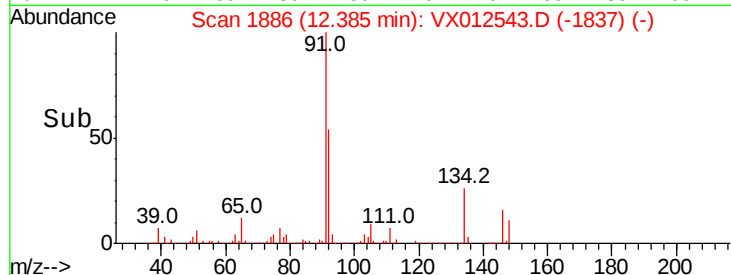
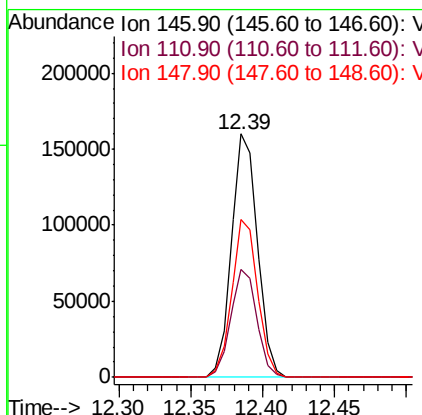
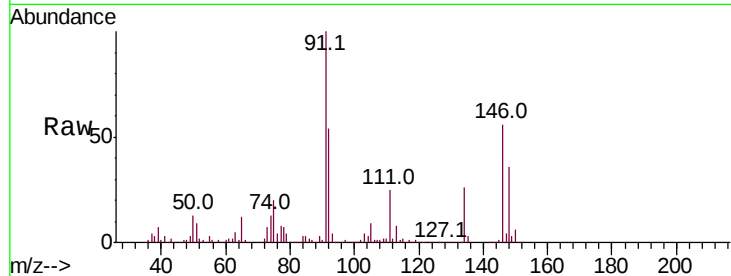




#91
 1,2-Dichlorobenzene
 Concen: 50.775 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX012543.D
 Acq: 19 Sep 2019 21:00

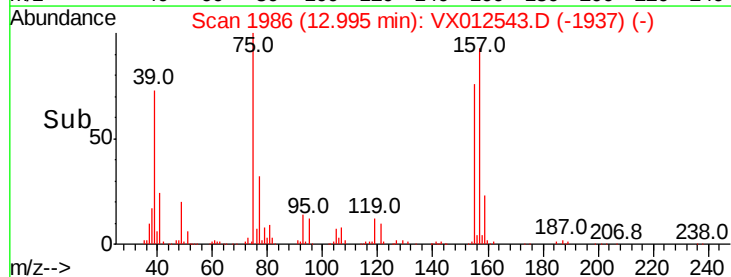
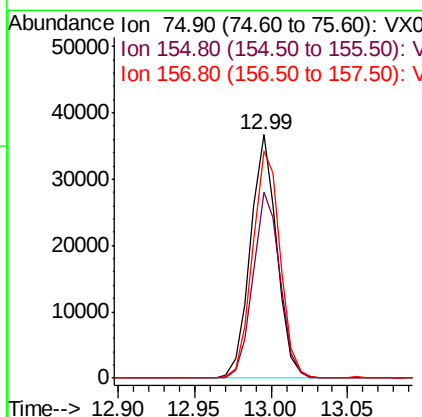
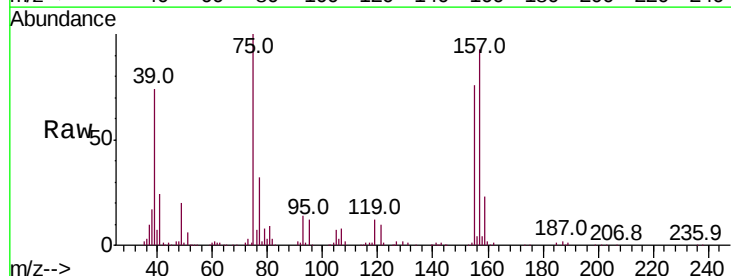
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

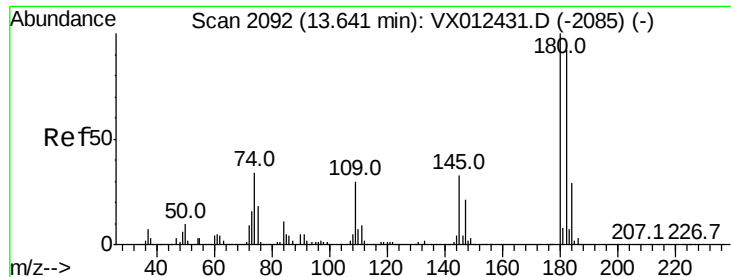
Tot Ion:146 Resp: 203336
 Ion Ratio Lower Upper
 146 100
 111 44.4 22.1 66.1
 148 64.5 31.3 93.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.559 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX012543.D
 Acq: 19 Sep 2019 21:00

Tgt Ion: 75 Resp: 43793
 Ion Ratio Lower Upper
 75 100
 155 78.1 38.6 115.8
 157 98.2 50.6 151.9

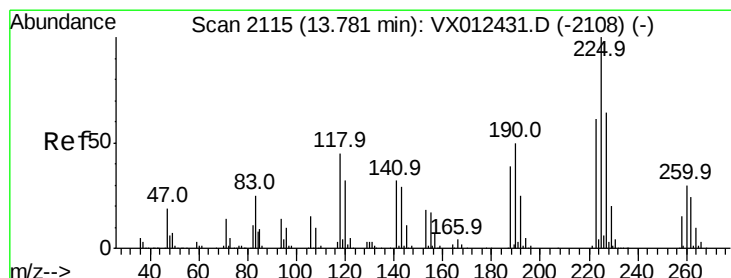
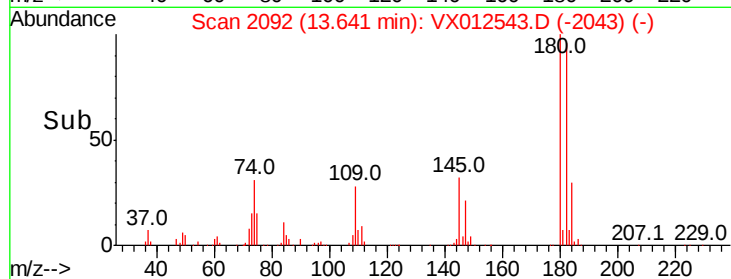
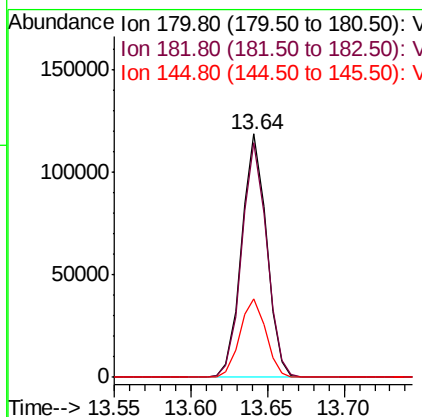
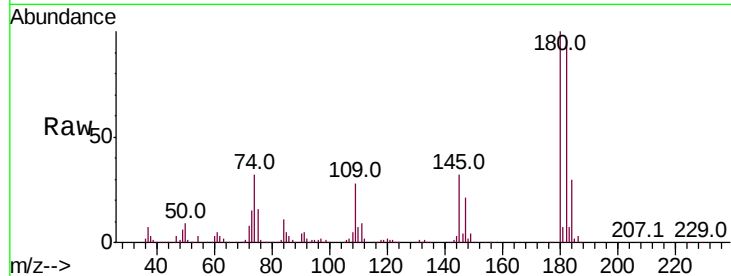




#93
 1,2,4-Trichlorobenzene
 Concen: 51.976 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX012543.D
 Acq: 19 Sep 2019 21:00

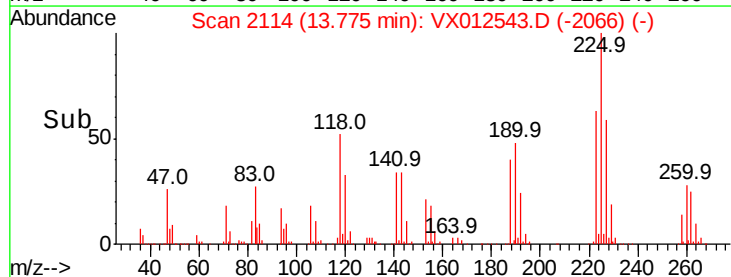
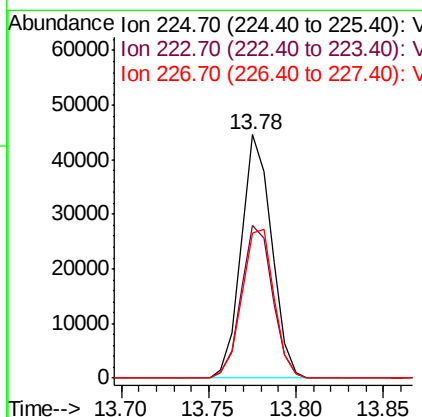
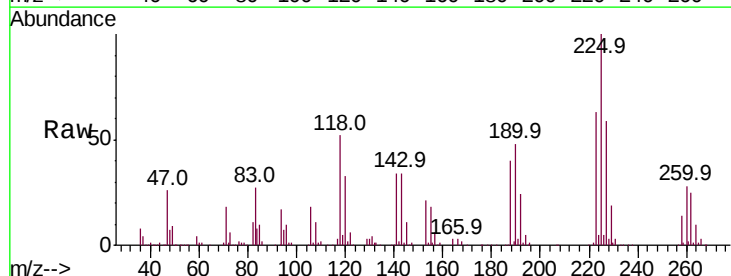
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

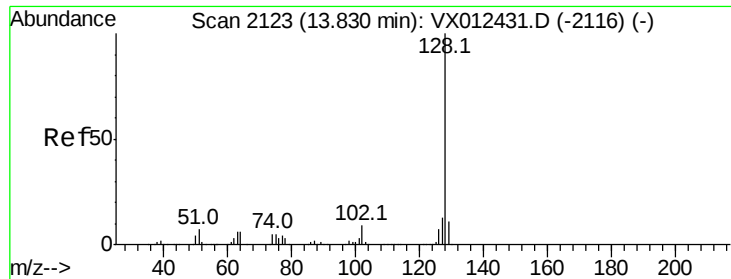
Tot Ion	Ratio	Lower	Upper
180	100		
182	97.1	47.0	141.0
145	33.6	16.8	50.4



#94
 Hexachlorobutadiene
 Concen: 44.340 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: VX012543.D
 Acq: 19 Sep 2019 21:00

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.7	32.0	96.2
227	64.7	31.9	95.5

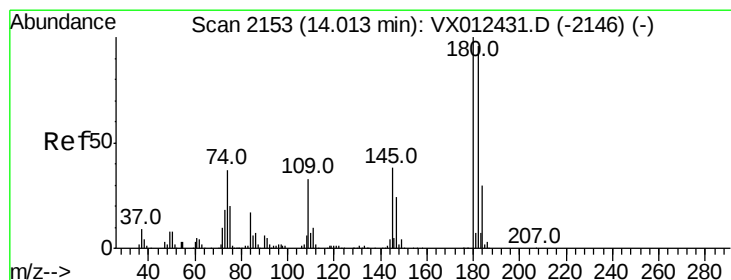
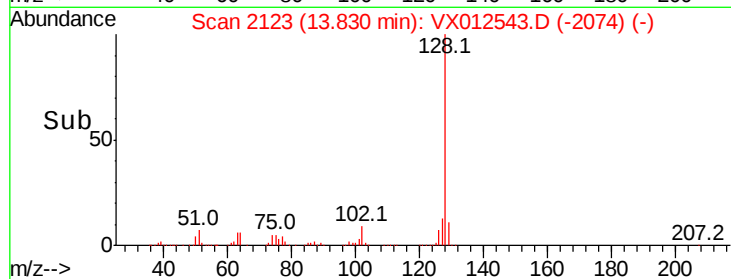
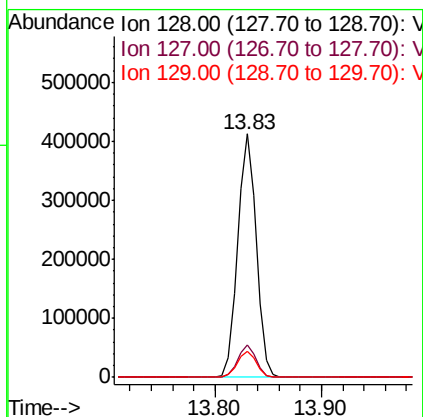
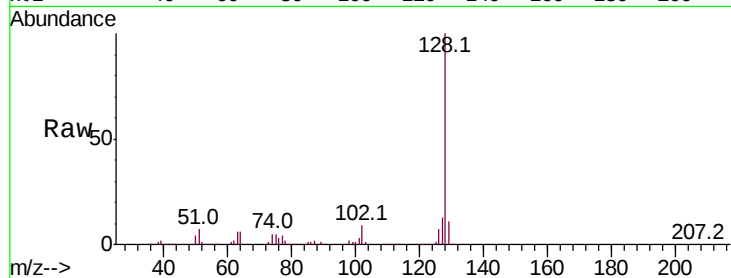




#95
Naphthalene
Concen: 55.151 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012543.D
Acq: 19 Sep 2019 21:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 506191
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: 53.788 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX012543.D
Acq: 19 Sep 2019 21:00

Tgt Ion:180 Resp: 141383
Ion Ratio Lower Upper
180 100
182 94.1 47.1 141.3
145 35.0 18.0 54.0

