

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081119\
 Data File : VX011470.D
 Acq On : 12 Aug 2019 07:24
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 12 08:01:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	157936	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	241875	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	229405	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	123637	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	95777	60.22	ug/l	0.00
Spiked Amount			Recovery	=	120.44%	
35) Dibromofluoromethane	5.49	113	84136	53.28	ug/l	0.00
Spiked Amount			Recovery	=	106.56%	
50) Toluene-d8	8.71	98	312711	52.46	ug/l	0.00
Spiked Amount			Recovery	=	104.92%	
62) 4-Bromofluorobenzene	11.13	95	118328	55.60	ug/l	0.00
Spiked Amount			Recovery	=	111.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	55240	45.286	ug/l	99
3) Chloromethane	1.32	50	60204	43.951	ug/l	99
4) Vinyl Chloride	1.40	62	64863	43.048	ug/l	99
5) Bromomethane	1.63	94	40407	37.601	ug/l	100
6) Chloroethane	1.71	64	43764	46.744	ug/l	99
7) Trichlorofluoromethane	1.92	101	119732	44.691	ug/l	98
8) Diethyl Ether	2.18	74	43252	45.212	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	67276	46.410	ug/l	98
10) Methyl Iodide	2.50	142	89302	48.863	ug/l	96
11) Tert butyl alcohol	3.04	59	87227	275.025	ug/l	99
12) 1,1-Dichloroethene	2.37	96	67390	46.897	ug/l	91
13) Acrolein	2.29	56	28137	142.573	ug/l	98
14) Allyl chloride	2.72	41	96805	50.533	ug/l	97
15) Acrylonitrile	3.14	53	204989	270.847	ug/l	99
16) Acetone	2.43	43	179553	237.176	ug/l	95
17) Carbon Disulfide	2.56	76	148344	43.992	ug/l	100
18) Methyl Acetate	2.76	43	101451	58.640	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	230807	54.504	ug/l	99
20) Methylene Chloride	2.85	84	79113	47.717	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	73728	48.504	ug/l	91
22) Diisopropyl ether	3.85	45	225230	53.495	ug/l	98
23) Vinyl Acetate	3.81	43	955504	273.622	ug/l	98
24) 1,1-Dichloroethane	3.69	63	128738	51.855	ug/l	98
25) 2-Butanone	4.67	43	289830	269.134	ug/l	97
26) 2,2-Dichloropropane	4.57	77	57436	29.761	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	86092	49.172	ug/l	99
28) Bromochloromethane	5.01	49	66305	58.583	ug/l	97
29) Tetrahydrofuran	5.12	42	178440	270.241	ug/l	99
30) Chloroform	5.20	83	145466	53.910	ug/l	99
31) Cyclohexane	5.57	56	97692	47.696	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	125525	54.305	ug/l	99
36) 1,1-Dichloropropene	5.79	75	98472	46.630	ug/l	98
37) Ethyl Acetate	4.82	43	108687	51.309	ug/l	99
38) Carbon Tetrachloride	5.78	117	110003	51.775	ug/l	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	106070	42.374	ug/l	98
40) Benzene	6.13	78	304961	48.393	ug/l	98
41) Methacrylonitrile	5.03	41	59003	51.003	ug/l	97
42) 1,2-Dichloroethane	6.18	62	113069	53.061	ug/l	97
43) Isopropyl Acetate	6.44	43	174552	51.541	ug/l	99
44) Trichloroethene	7.21	130	86522	45.360	ug/l	93
45) 1,2-Dichloropropane	7.51	63	78952	48.376	ug/l	96
46) Dibromomethane	7.66	93	58004	48.685	ug/l	97
47) Bromodichloromethane	7.90	83	108273	53.676	ug/l	99
48) Methyl methacrylate	7.76	41	87458	54.874	ug/l	97
49) 1,4-Dioxane	7.74	88	44528	963.689	ug/l	95
51) 4-Methyl-2-Pentanone	8.64	43	597627	273.436	ug/l	99
52) Toluene	8.78	92	202377	48.572	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	104338	44.732	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	114115	48.430	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	87592	51.131	ug/l	98
56) Ethyl methacrylate	9.18	69	131418	53.832	ug/l	98
57) 1,3-Dichloropropane	9.37	76	137037	50.581	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	311131	259.202	ug/l	100
59) 2-Hexanone	9.49	43	467179	275.964	ug/l	98
60) Dibromochloromethane	9.58	129	93752	53.454	ug/l	99
61) 1,2-Dibromoethane	9.67	107	94372	50.989	ug/l	97
64) Tetrachloroethene	9.34	164	86448	44.373	ug/l	95
65) Chlorobenzene	10.13	112	234206	47.615	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	88419	52.507	ug/l	98
67) Ethyl Benzene	10.25	91	403587	48.993	ug/l	99
68) m/p-Xylenes	10.35	106	309505	97.136	ug/l	97
69) o-Xylene	10.69	106	154381	49.312	ug/l	100
70) Styrene	10.71	104	263499	50.867	ug/l	97
71) Bromoform	10.85	173	72177	48.054	ug/l	99
73) Isopropylbenzene	11.02	105	414894	49.066	ug/l	100
74) N-amyl acetate	10.90	43	166031	54.341	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	138910	49.295	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	146984	65.280	ug/l	83
77) Bromobenzene	11.25	156	113000	48.192	ug/l	96
78) n-propylbenzene	11.36	91	454246	48.306	ug/l	100
79) 2-Chlorotoluene	11.42	91	277533	49.517	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	350440	49.508	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	32478	39.557	ug/l	95
82) 4-Chlorotoluene	11.51	91	326410	49.972	ug/l	97
83) tert-Butylbenzene	11.77	119	344178	49.576	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	352720	50.049	ug/l	99
85) sec-Butylbenzene	11.94	105	403503	48.376	ug/l	99
86) p-Isopropyltoluene	12.06	119	375084	48.881	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	198318	47.868	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	199746	46.756	ug/l	98
89) n-Butylbenzene	12.38	91	308335	46.640	ug/l	99
90) Hexachloroethane	12.59	117	59579	52.517	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	199025	47.811	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	30122	55.174	ug/l	92

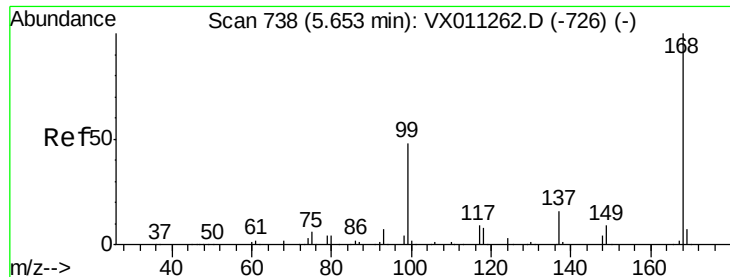
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	132281	47.916	ug/l	99
94) Hexachlorobutadiene	13.78	225	64190	45.829	ug/l	97
95) Naphthalene	13.83	128	422013	52.273	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	134634	47.971	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011470.D

Acq: 12 Aug 2019 07:24

Instrument :

MSVOA_X

ClientSampleId :

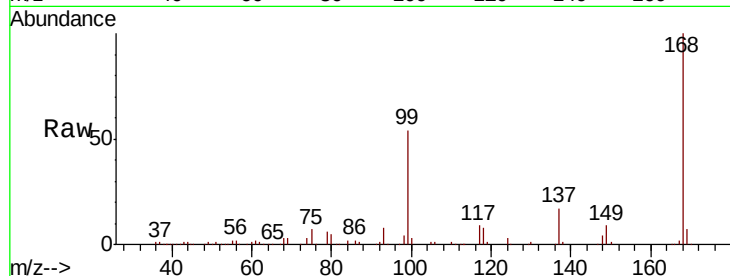
VSTDCCC050EC

Tgt Ion:168 Resp: 157936

Ion Ratio Lower Upper

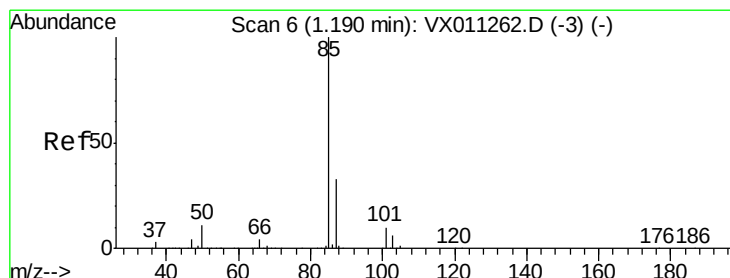
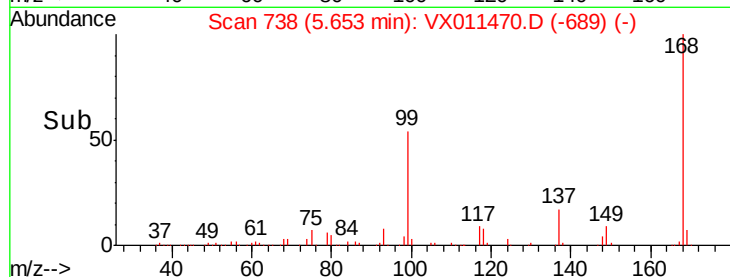
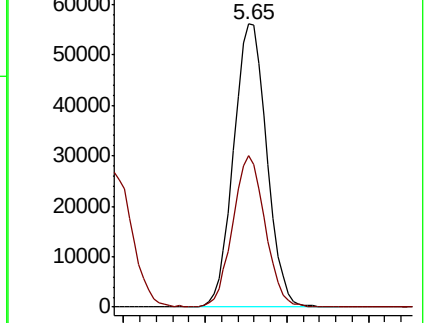
168 100

99 53.6 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 45.286 ug/l

RT: 1.19 min Scan# 6

Delta R.T. 0.00 min

Lab File: VX011470.D

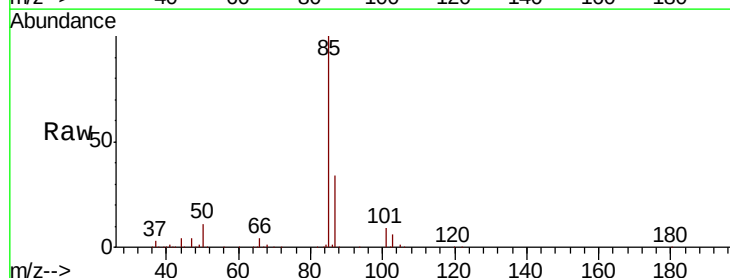
Acq: 12 Aug 2019 07:24

Tgt Ion: 85 Resp: 55240

Ion Ratio Lower Upper

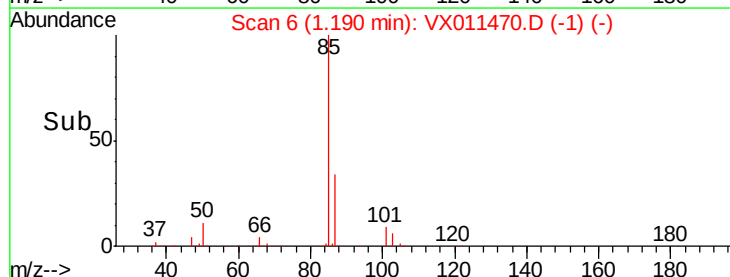
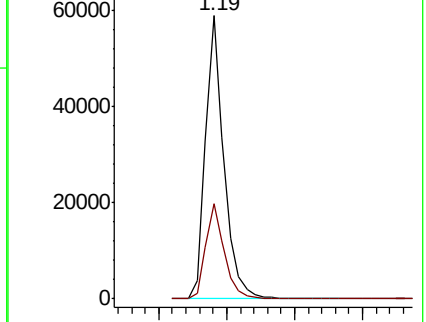
85 100

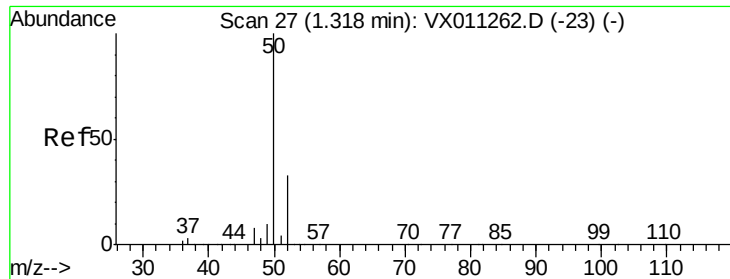
87 33.5 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 43.951 ug/l

RT: 1.32 min Scan# 27

Delta R.T. 0.00 min

Lab File: VX011470.D

Acq: 12 Aug 2019 07:24

Instrument :

MSVOA_X

ClientSampleId :

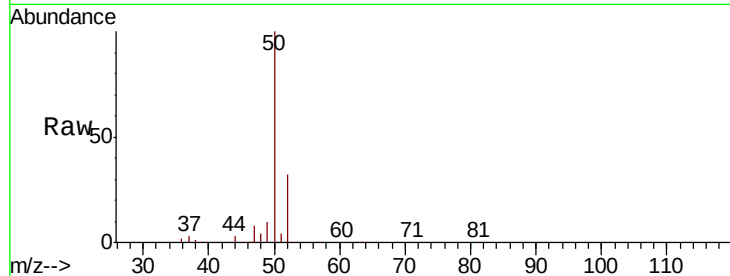
VSTDCCC050EC

Tgt Ion: 50 Resp: 60204

Ion Ratio Lower Upper

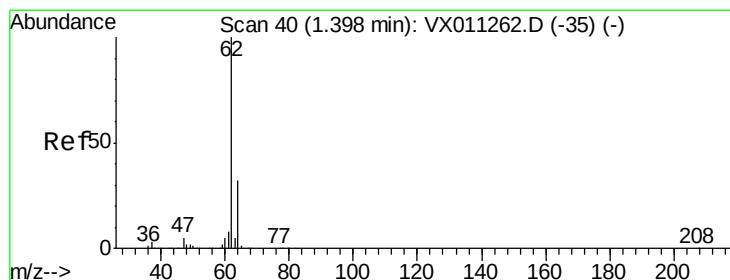
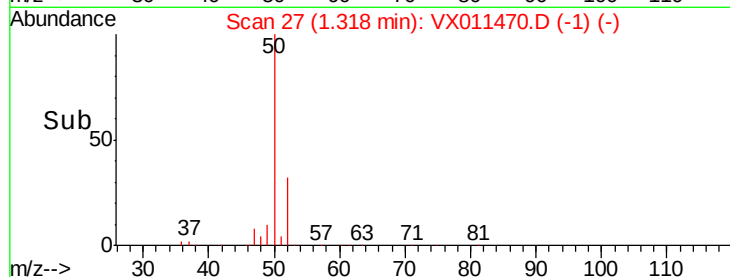
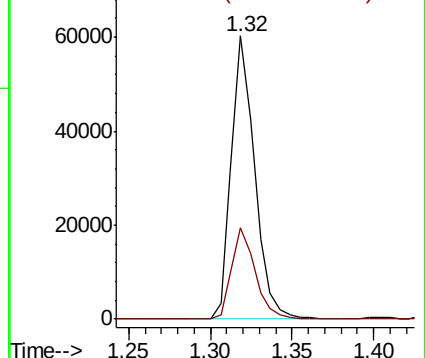
50 100

52 32.3 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 43.048 ug/l

RT: 1.40 min Scan# 40

Delta R.T. 0.00 min

Lab File: VX011470.D

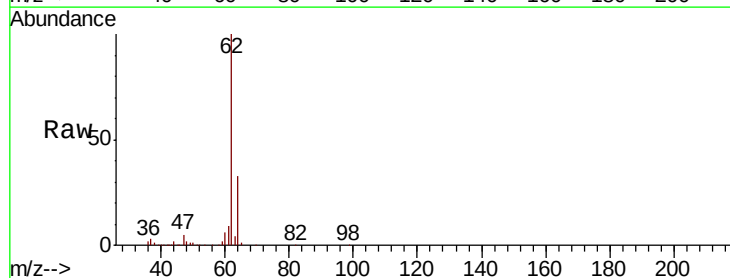
Acq: 12 Aug 2019 07:24

Tgt Ion: 62 Resp: 64863

Ion Ratio Lower Upper

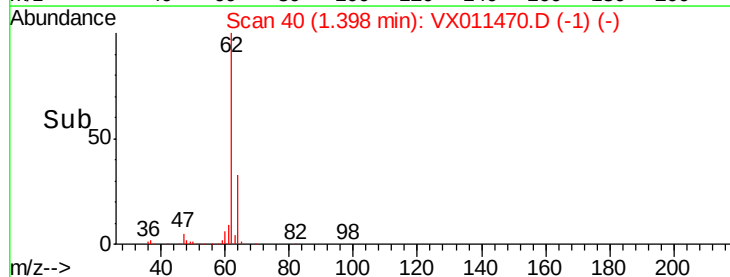
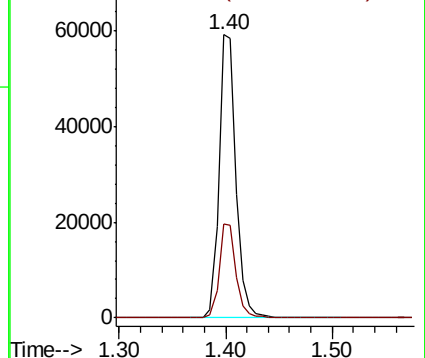
62 100

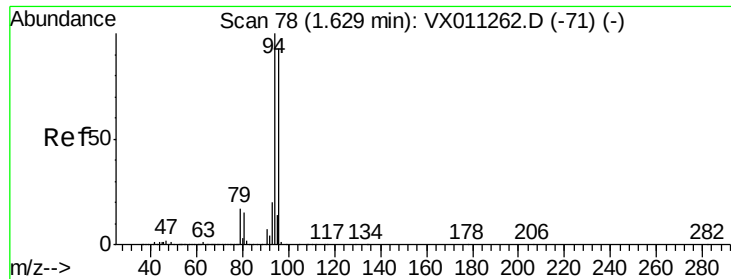
64 33.1 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 37.601 ug/l

RT: 1.63 min Scan# 78

Delta R.T. 0.00 min

Lab File: VX011470.D

Acq: 12 Aug 2019 07:24

Instrument :

MSVOA_X

ClientSampleId :

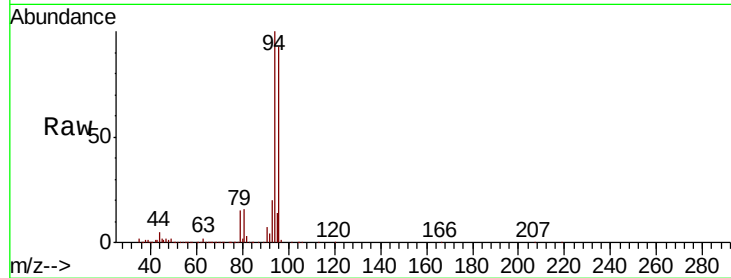
VSTDCCC050EC

Tgt Ion: 94 Resp: 40407

Ion Ratio Lower Upper

94 100

96 93.4 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

50000

40000

30000

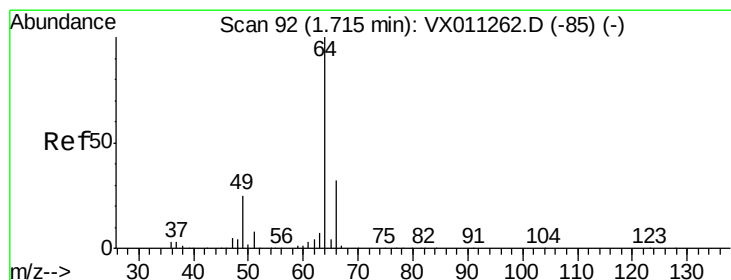
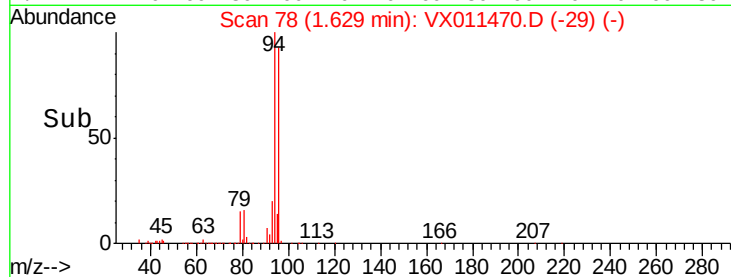
20000

10000

0

Time-->

1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 46.744 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX011470.D

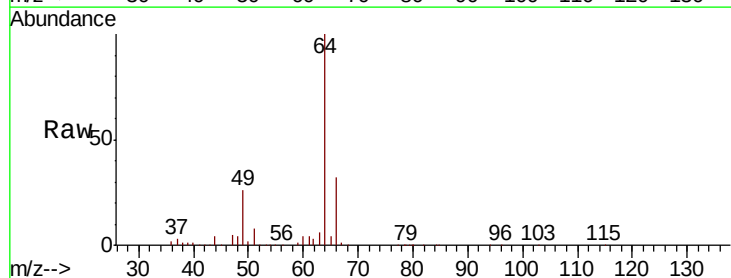
Acq: 12 Aug 2019 07:24

Tgt Ion: 64 Resp: 43764

Ion Ratio Lower Upper

64 100

66 31.9 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

40000

30000

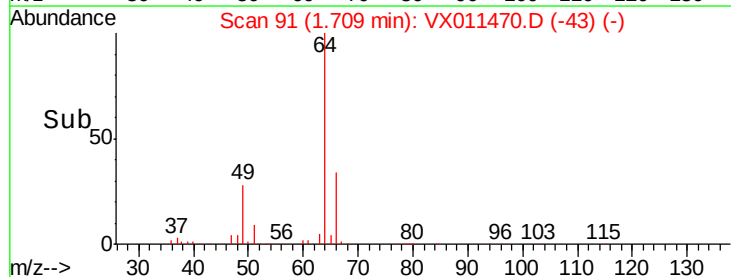
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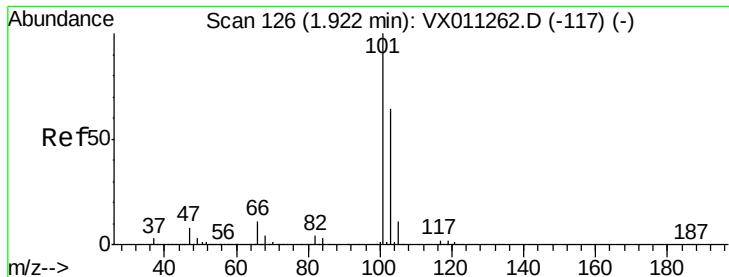
10000

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Time-->

1.65 1.70 1.75 1.80



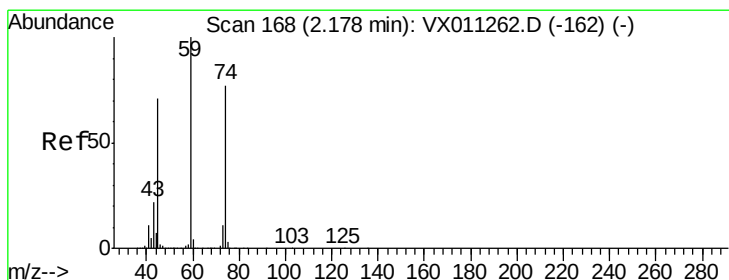
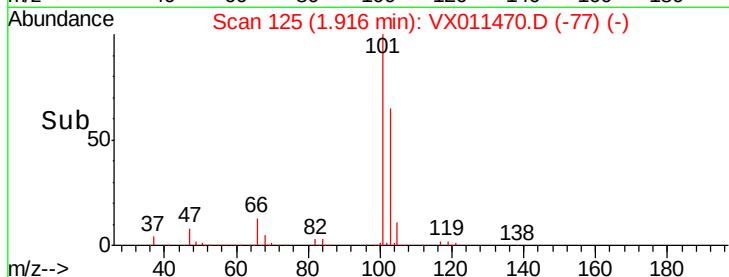
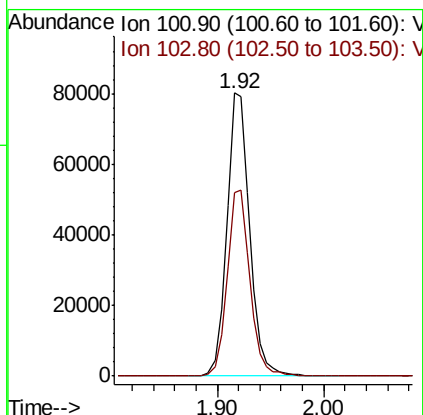
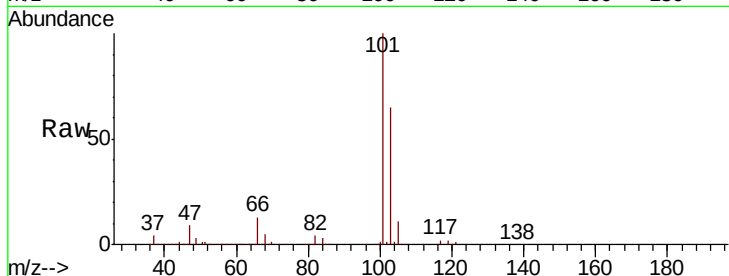


#7

Trichlorofluoromethane
Concen: 44.691 ug/l
RT: 1.92 min Scan# 125
Delta R.T. -0.01 min
Lab File: VX011470.D
Acq: 12 Aug 2019 07:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

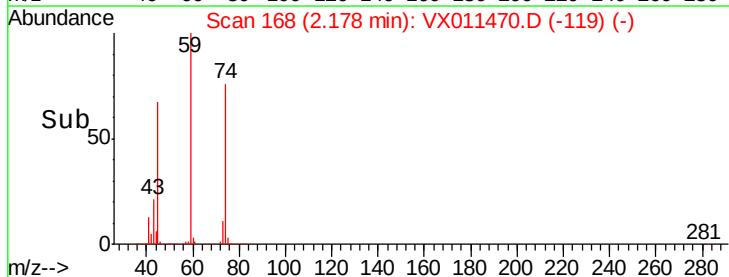
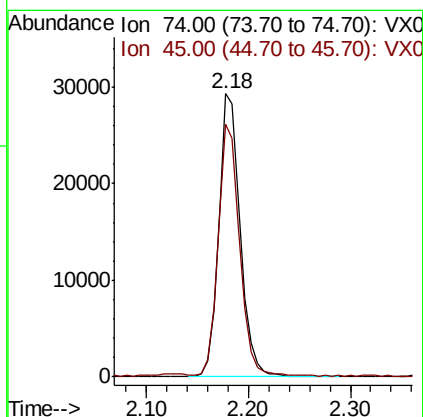
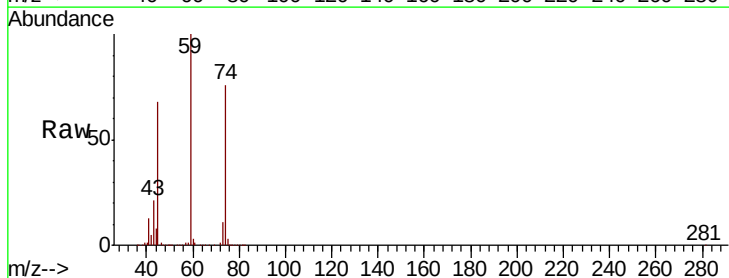
Tgt Ion:101 Resp: 119732
Ion Ratio Lower Upper
101 100
103 65.0 50.9 76.3

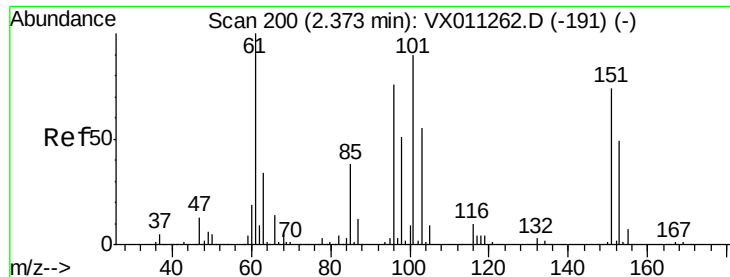


#8

Diethyl Ether
Concen: 45.212 ug/l
RT: 2.18 min Scan# 168
Delta R.T. 0.00 min
Lab File: VX011470.D
Acq: 12 Aug 2019 07:24

Tgt Ion: 74 Resp: 43252
Ion Ratio Lower Upper
74 100
45 87.9 46.1 138.3

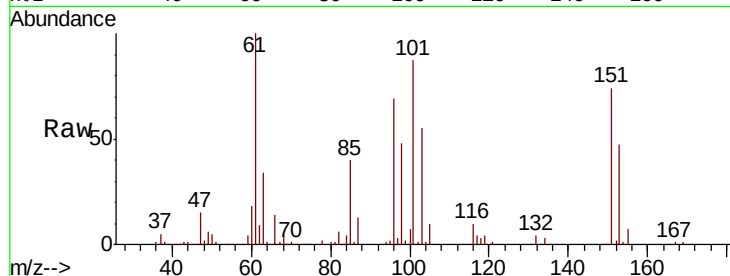




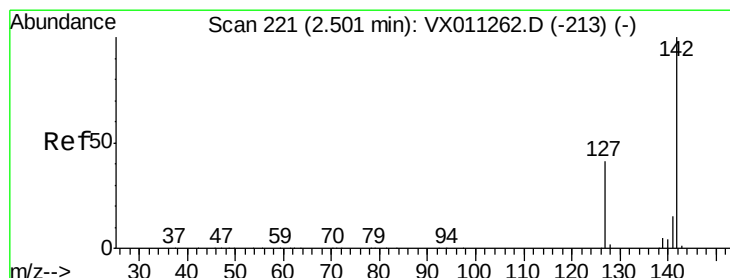
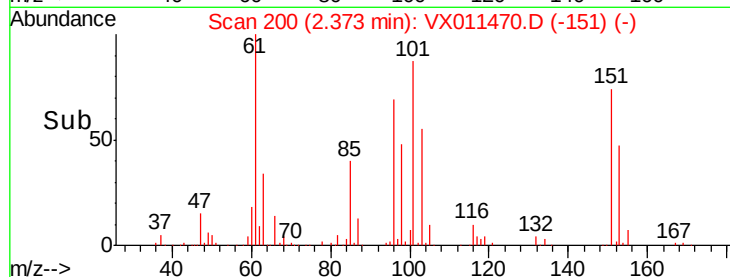
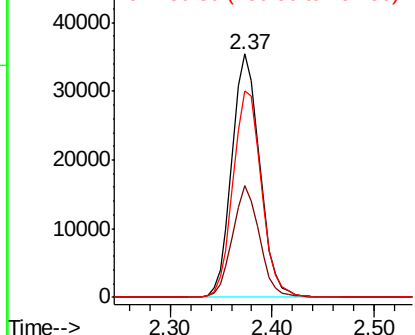
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 46.410 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.00 min
 Lab File: VX011470.D
 Acq: 12 Aug 2019 07:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:101 Resp: 67276
 Ion Ratio Lower Upper
 101 100
 85 44.1 33.8 50.6
 151 86.1 69.5 104.3

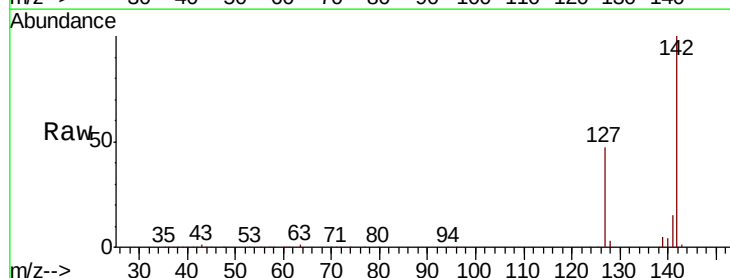


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 150.80 (150.50 to 151.50): V

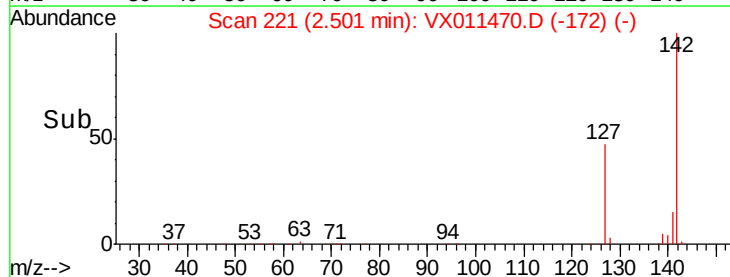
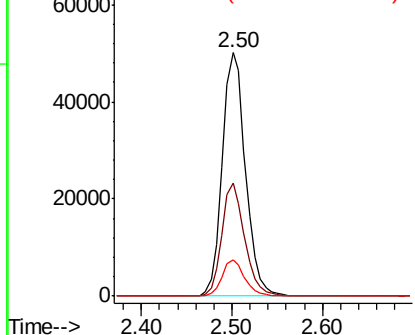


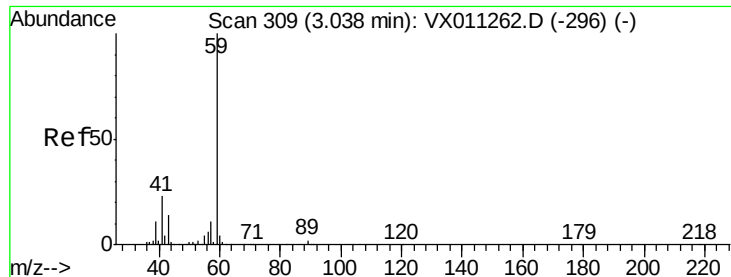
#10
 Methyl Iodide
 Concen: 48.863 ug/l
 RT: 2.50 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VX011470.D
 Acq: 12 Aug 2019 07:24

Tgt Ion:142 Resp: 89302
 Ion Ratio Lower Upper
 142 100
 127 45.4 33.8 50.8
 141 14.4 11.4 17.2



Abundance Ion 141.80 (141.50 to 142.50): V
 Ion 126.80 (126.50 to 127.50): V
 Ion 140.80 (140.50 to 141.50): V



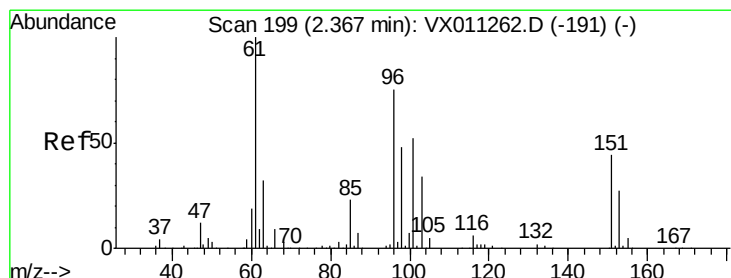
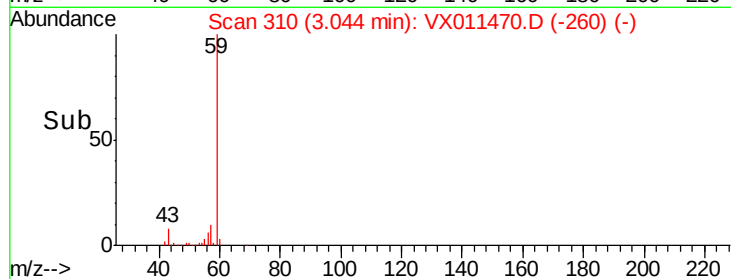
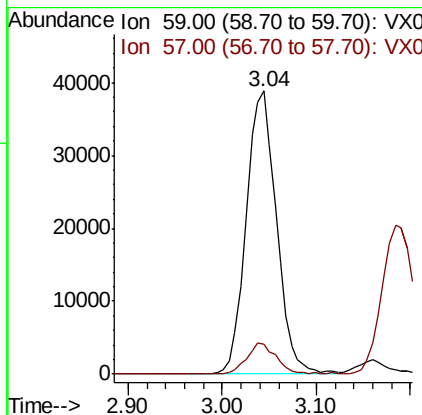
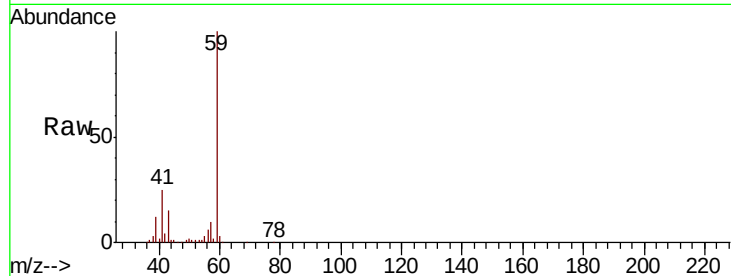


#11

Tert butyl alcohol
 Concen: 275.025 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. 0.01 min
 Lab File: VX011470.D
 Acq: 12 Aug 2019 07:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

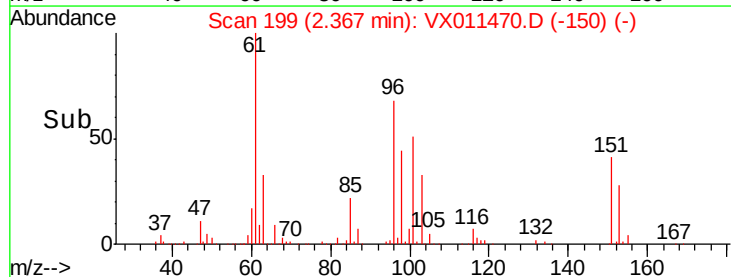
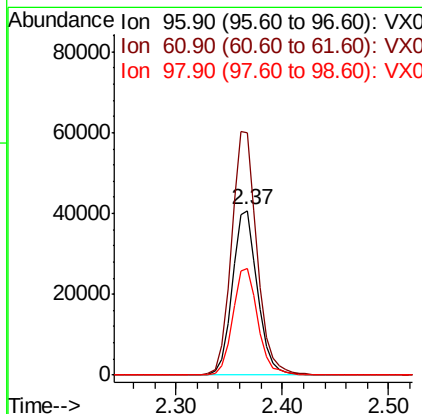
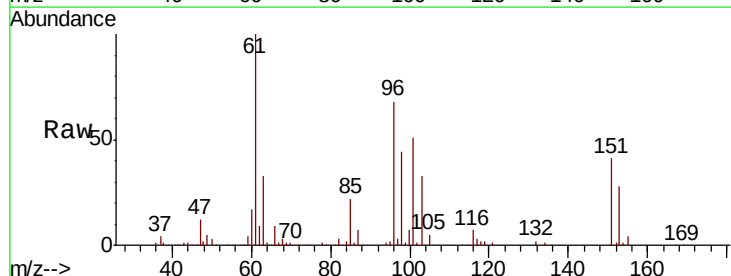
Tgt Ion: 59 Resp: 87227
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.3 12.5

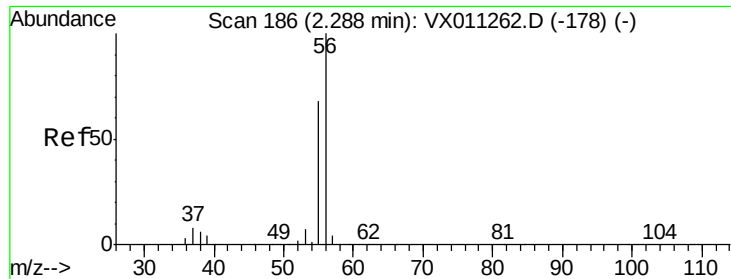


#12

1,1-Dichloroethene
 Concen: 46.897 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. 0.00 min
 Lab File: VX011470.D
 Acq: 12 Aug 2019 07:24

Tgt Ion: 96 Resp: 67390
 Ion Ratio Lower Upper
 96 100
 61 147.2 106.2 159.2
 98 65.0 50.6 75.8





#13

Acrolein

Concen: 142.573 ug/l

RT: 2.29 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX011470.D

Acq: 12 Aug 2019 07:24

Instrument :

MSVOA_X

ClientSampleId :

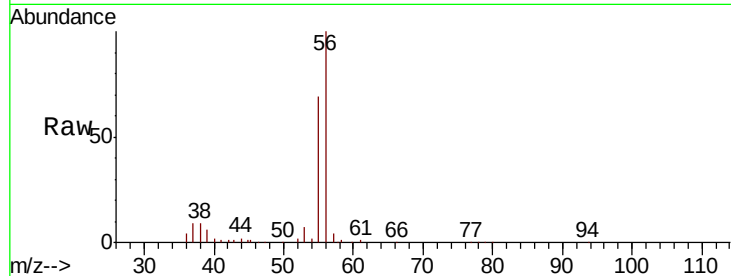
VSTDCCC050EC

Tgt Ion: 56 Resp: 28137

Ion Ratio Lower Upper

56 100

55 68.1 56.0 84.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

20000

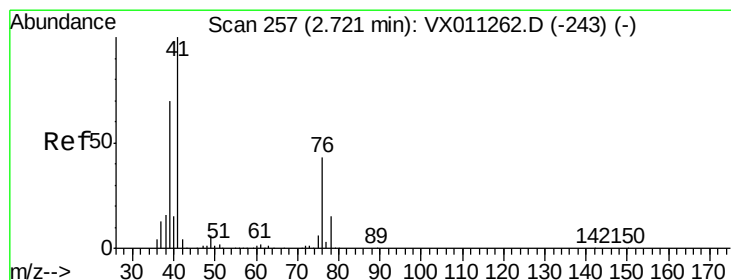
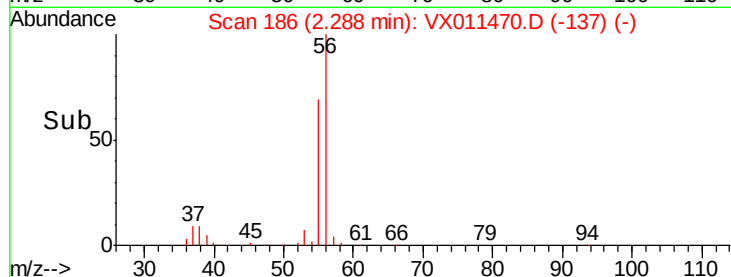
15000

10000

5000

0

Time-->



#14

Allyl chloride

Concen: 50.533 ug/l

RT: 2.72 min Scan# 257

Delta R.T. 0.00 min

Lab File: VX011470.D

Acq: 12 Aug 2019 07:24

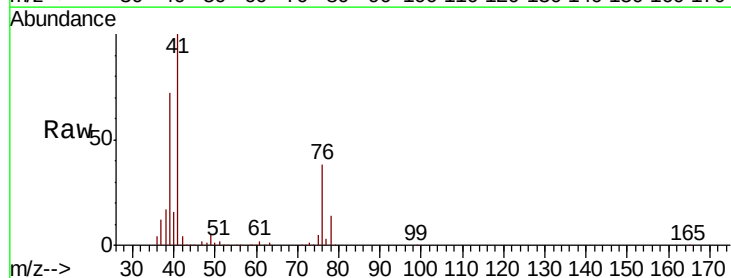
Tgt Ion: 41 Resp: 96805

Ion Ratio Lower Upper

41 100

39 67.0 52.8 79.2

76 35.6 31.1 46.7



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

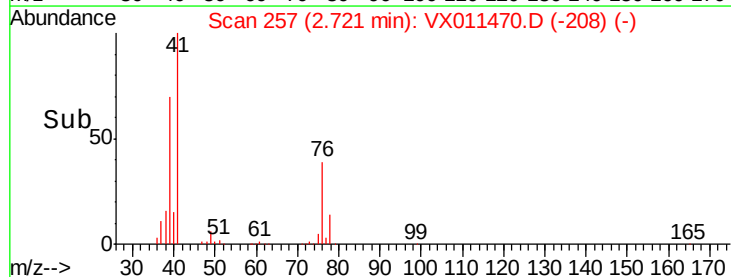
60000

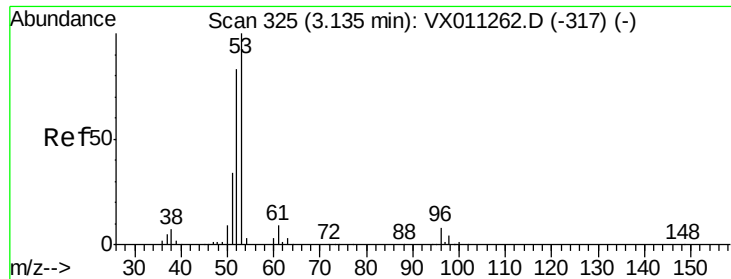
40000

20000

0

Time-->





#15

Acrylonitrile

Concen: 270.847 ug/l

RT: 3.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX011470.D

Acq: 12 Aug 2019 07:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

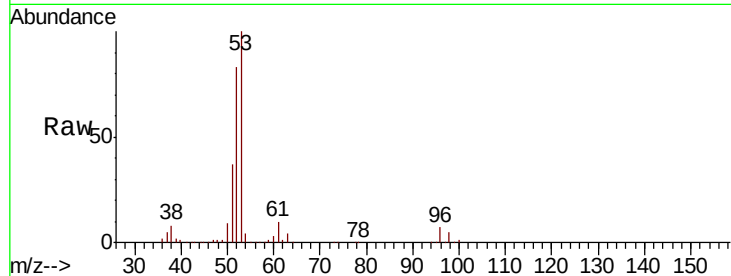
Tgt Ion: 53 Resp: 204989

Ion Ratio Lower Upper

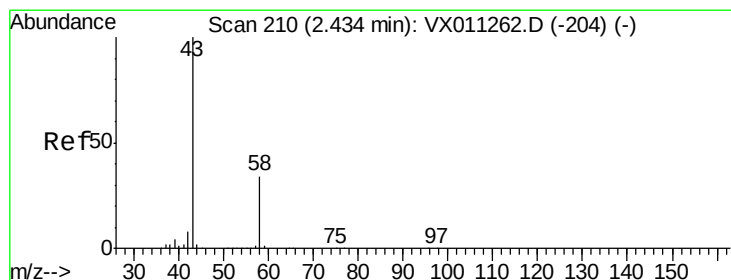
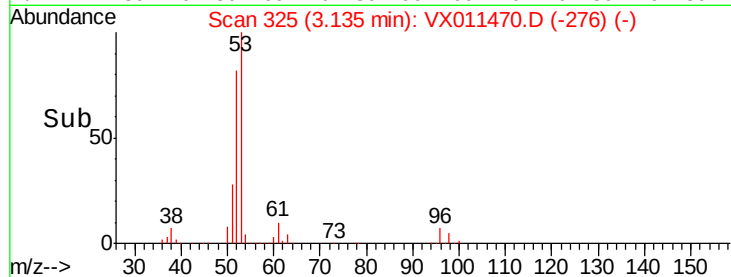
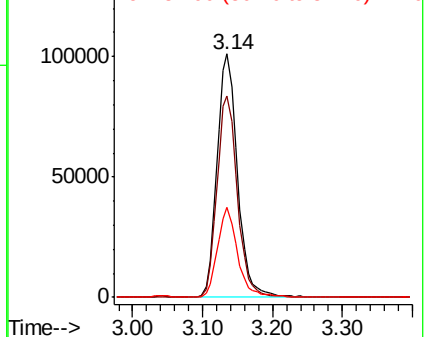
53 100

52 82.4 65.5 98.3

51 36.7 27.9 41.9



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: 237.176 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011470.D

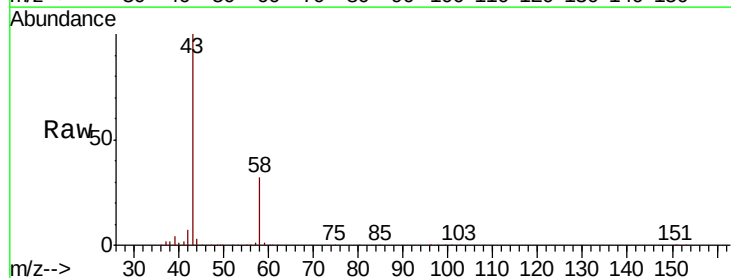
Acq: 12 Aug 2019 07:24

Tgt Ion: 43 Resp: 179553

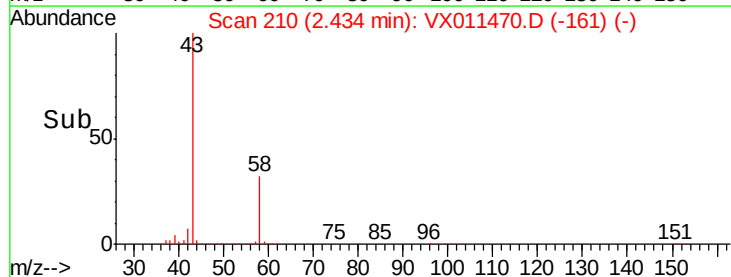
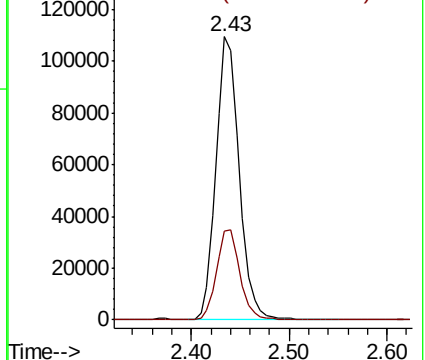
Ion Ratio Lower Upper

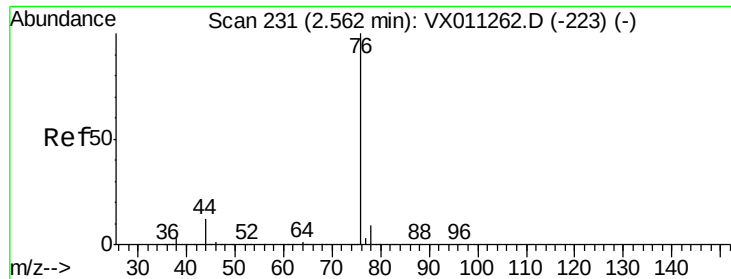
43 100

58 31.6 27.4 41.0



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

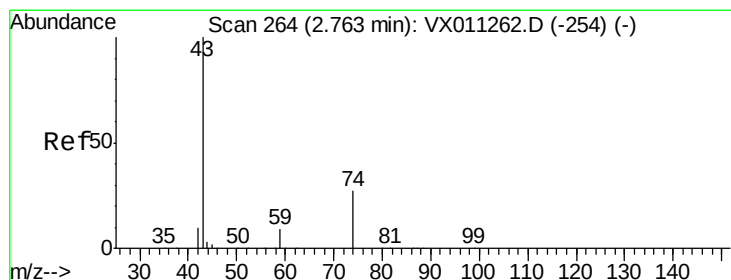
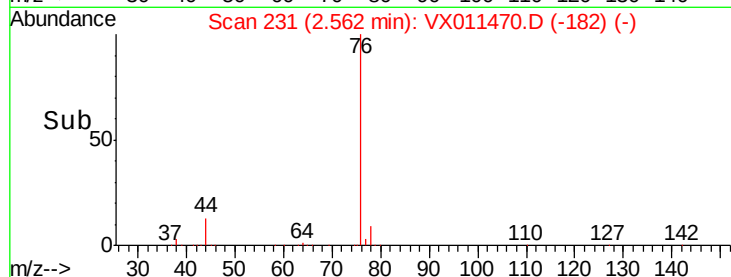
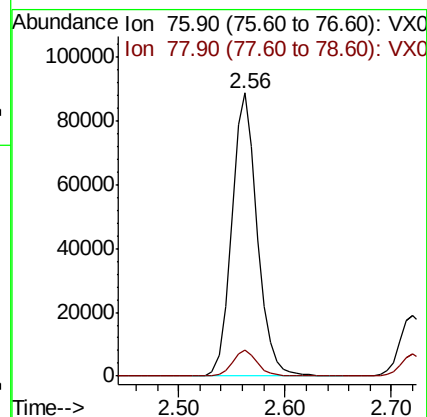
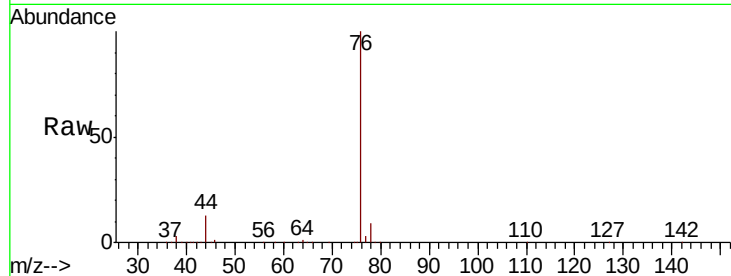




#17
Carbon Disulfide
Concen: 43.992 ug/l
RT: 2.56 min Scan# 231
Delta R.T. 0.00 min
Lab File: VX011470.D
Acq: 12 Aug 2019 07:24

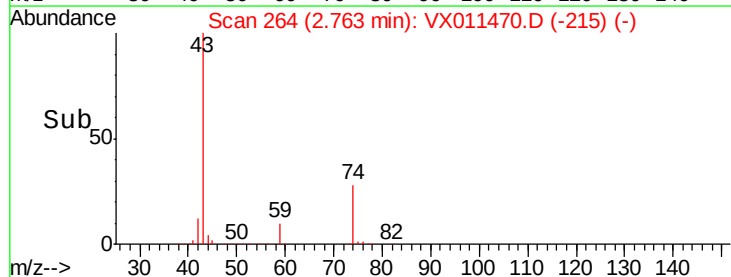
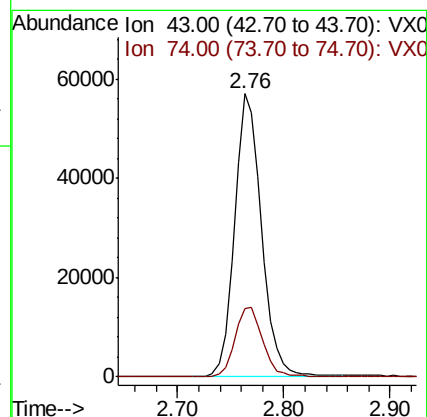
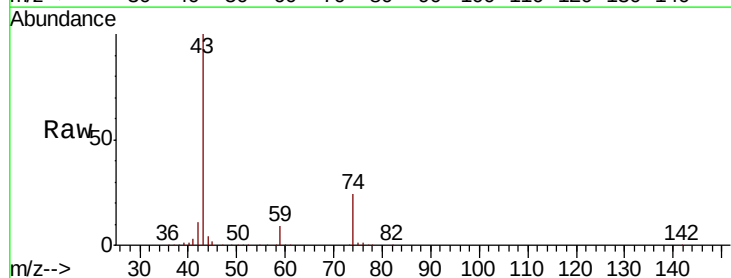
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

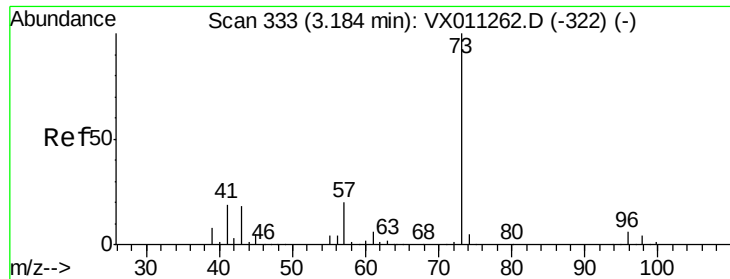
Tgt Ion: 76 Resp: 148344
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 58.640 ug/l
RT: 2.76 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX011470.D
Acq: 12 Aug 2019 07:24

Tgt Ion: 43 Resp: 101451
Ion Ratio Lower Upper
43 100
74 25.4 21.0 31.6

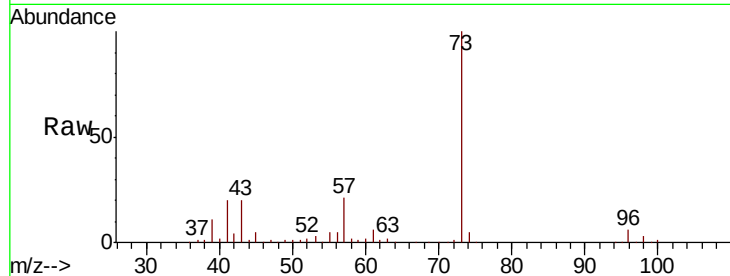




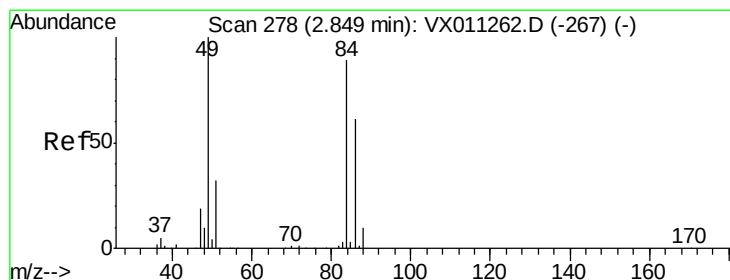
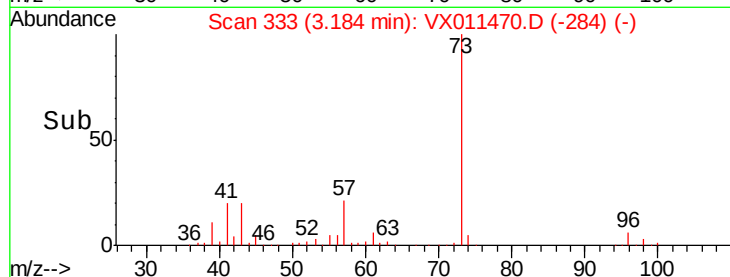
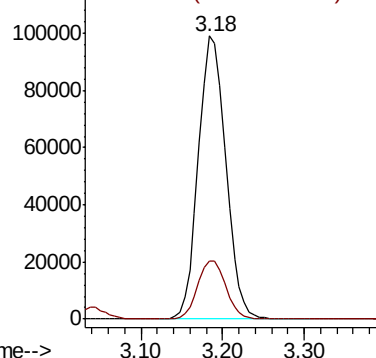
#19
Methyl tert-butyl Ether
Concen: 54.504 ug/l
RT: 3.18 min Scan# 333
Delta R.T. 0.00 min
Lab File: VX011470.D
Acq: 12 Aug 2019 07:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 230807
Ion Ratio Lower Upper
73 100
57 20.6 16.2 24.2

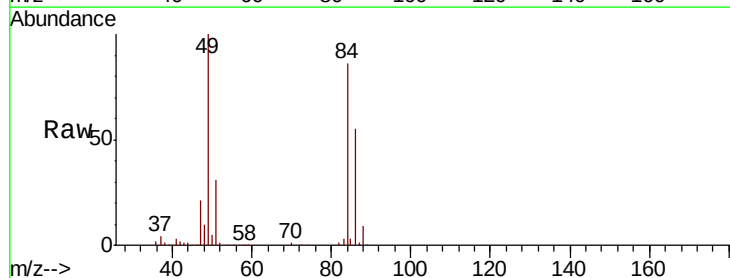


Abundance Ion 73.00 (72.70 to 73.70): VX0
Ion 57.00 (56.70 to 57.70): VX0

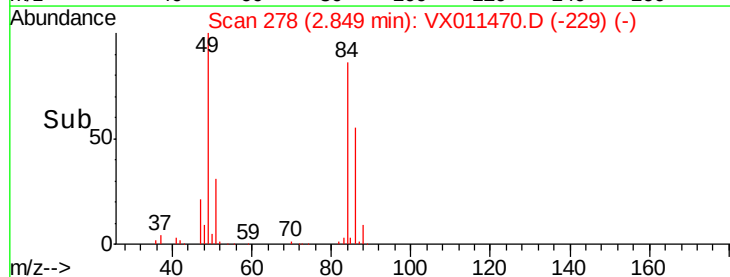
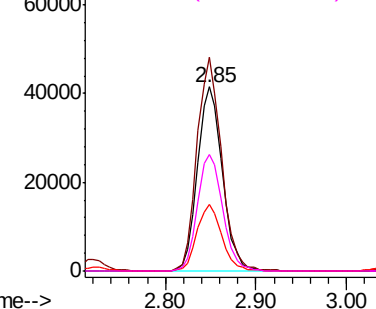


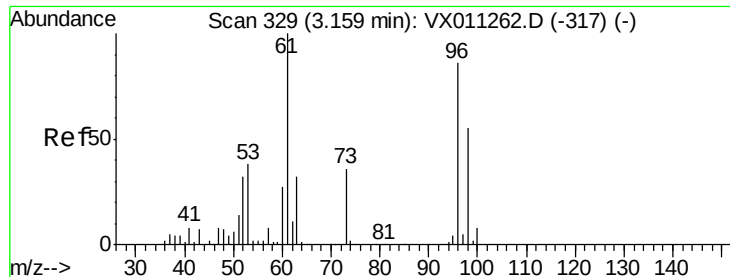
#20
Methylene Chloride
Concen: 47.717 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011470.D
Acq: 12 Aug 2019 07:24

Tgt Ion: 84 Resp: 79113
Ion Ratio Lower Upper
84 100
49 116.0 89.3 133.9
51 36.3 28.3 42.5
86 63.3 54.5 81.7



Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 48.504 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.01 min

Lab File: VX011470.D

Acq: 12 Aug 2019 07:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

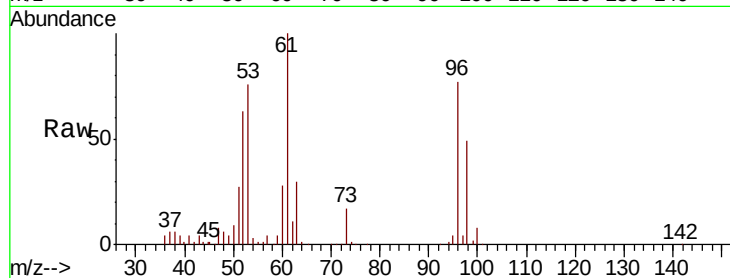
Tgt Ion: 96 Resp: 73728

Ion Ratio Lower Upper

96 100

61 130.5 92.8 139.2

98 64.4 51.2 76.8

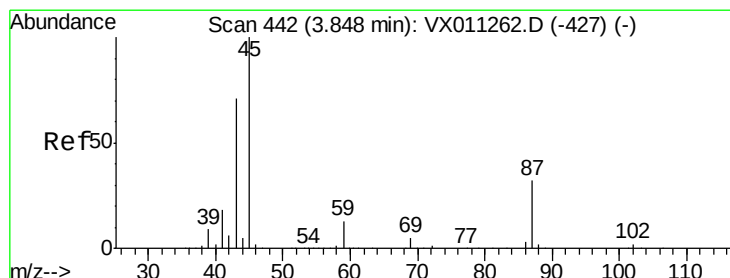
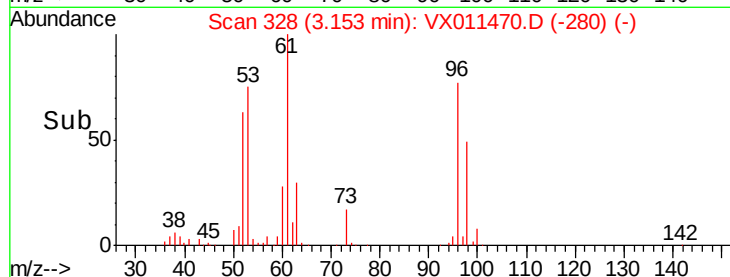
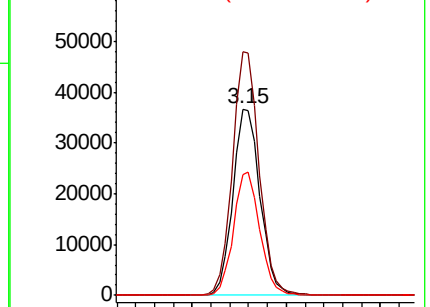


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 53.495 ug/l

RT: 3.85 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX011470.D

Acq: 12 Aug 2019 07:24

Tgt Ion: 45 Resp: 225230

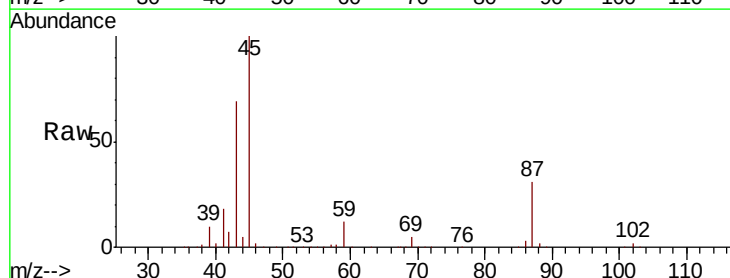
Ion Ratio Lower Upper

45 100

43 68.8 56.8 85.2

87 31.3 25.8 38.6

59 12.3 10.3 15.5



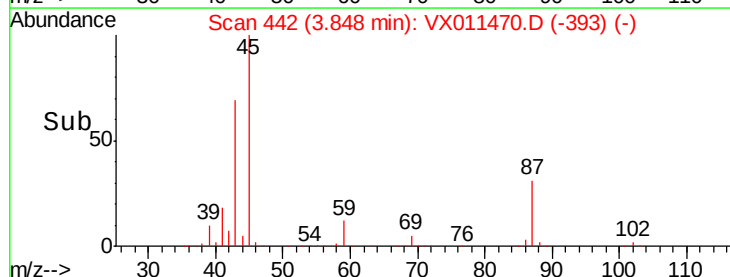
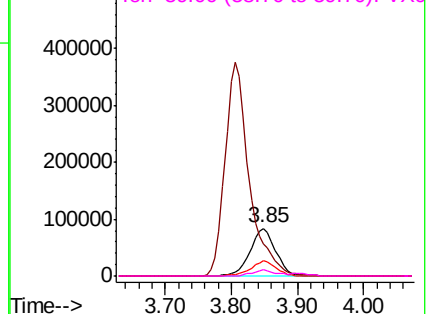
Abundance

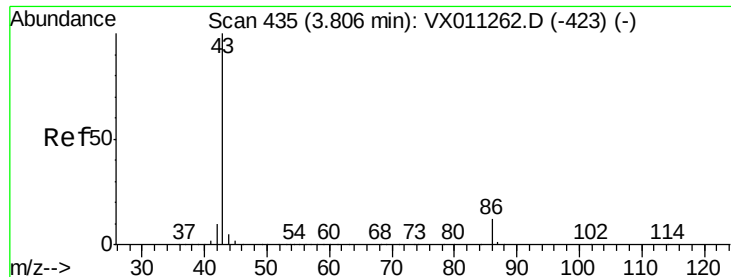
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 273.622 ug/l

RT: 3.81 min Scan# 435

Delta R.T. 0.00 min

Lab File: VX011470.D

Acq: 12 Aug 2019 07:24

Instrument :

MSVOA_X

ClientSampleId :

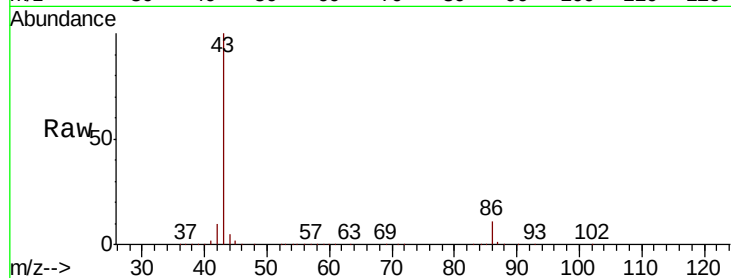
VSTDCCC050EC

Tgt Ion: 43 Resp: 955504

Ion Ratio Lower Upper

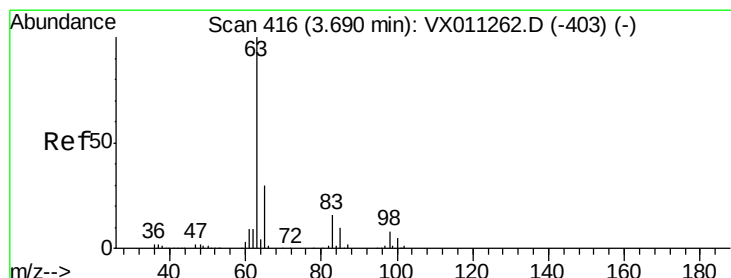
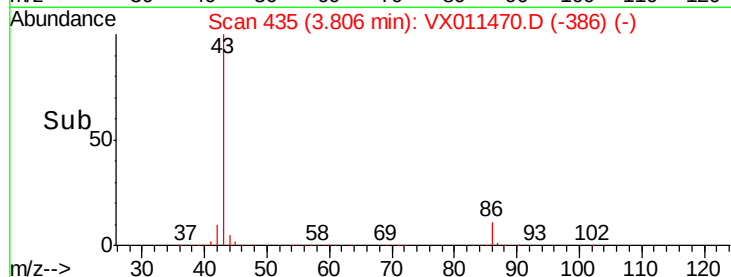
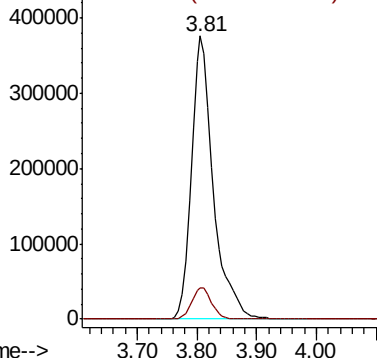
43 100

86 11.1 9.6 14.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 51.855 ug/l

RT: 3.69 min Scan# 416

Delta R.T. 0.00 min

Lab File: VX011470.D

Acq: 12 Aug 2019 07:24

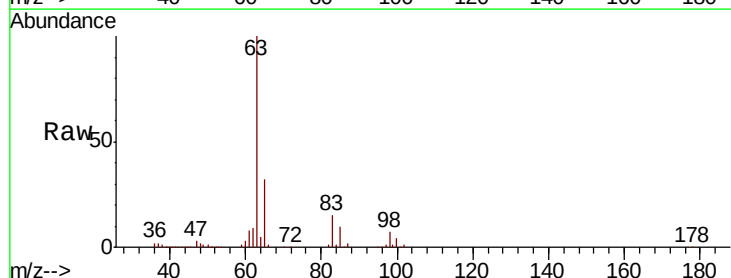
Tgt Ion: 63 Resp: 128738

Ion Ratio Lower Upper

63 100

98 7.2 3.9 11.5

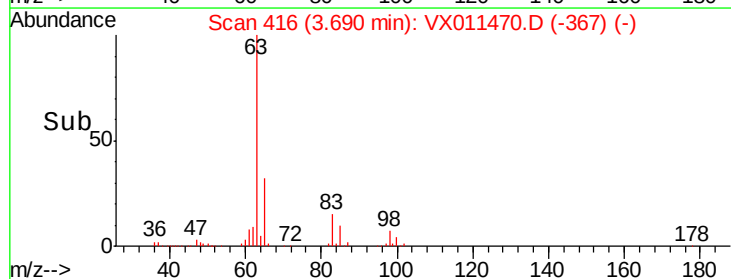
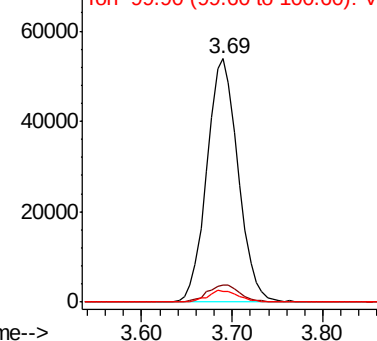
100 4.5 2.7 8.1

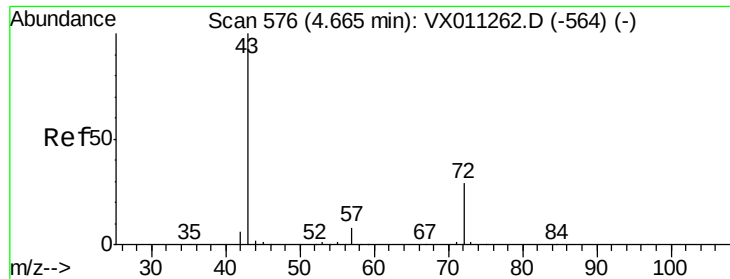


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 269.134 ug/l

RT: 4.67 min Scan# 576

Delta R.T. 0.00 min

Lab File: VX011470.D

Acq: 12 Aug 2019 07:24

Instrument :

MSVOA_X

ClientSampleId :

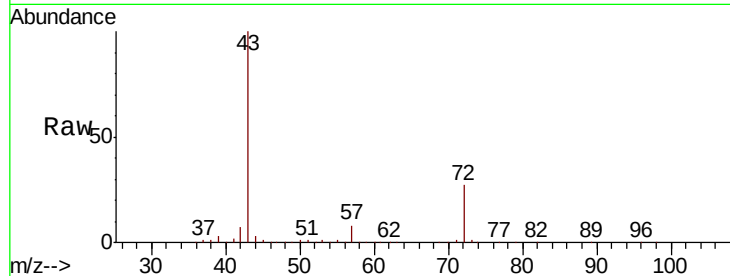
VSTDCCC050EC

Tgt Ion: 43 Resp: 289830

Ion Ratio Lower Upper

43 100

72 27.4 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

120000

100000

80000

60000

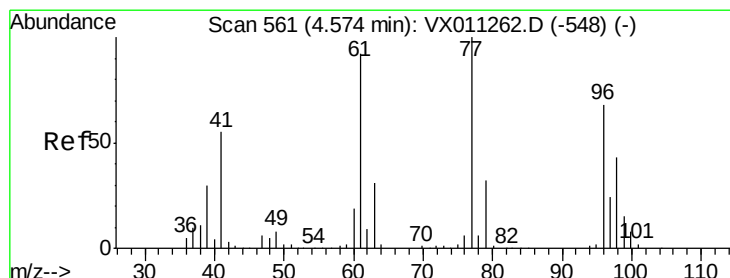
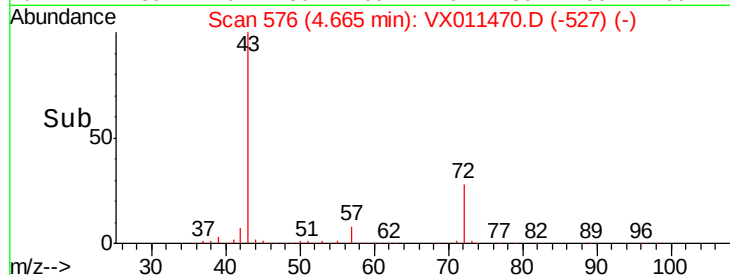
40000

20000

0

4.60 4.67 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 29.761 ug/l

RT: 4.57 min Scan# 561

Delta R.T. 0.00 min

Lab File: VX011470.D

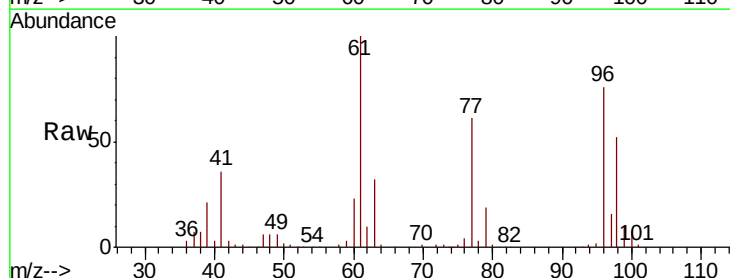
Acq: 12 Aug 2019 07:24

Tgt Ion: 77 Resp: 57436

Ion Ratio Lower Upper

77 100

97 27.1 12.8 38.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

20000

15000

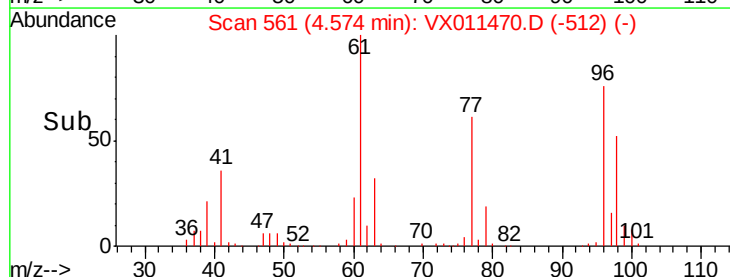
10000

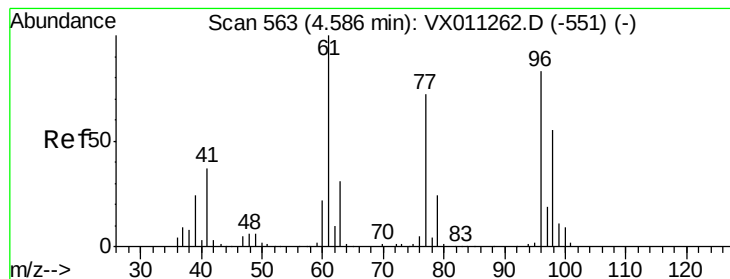
5000

0

4.40 4.50 4.57 4.60 4.70

Time-->



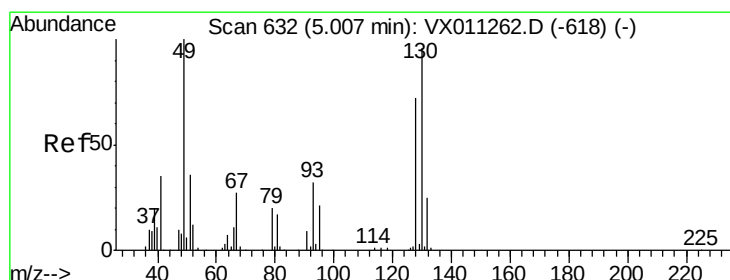
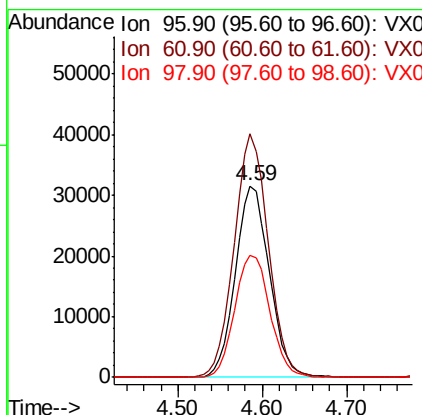
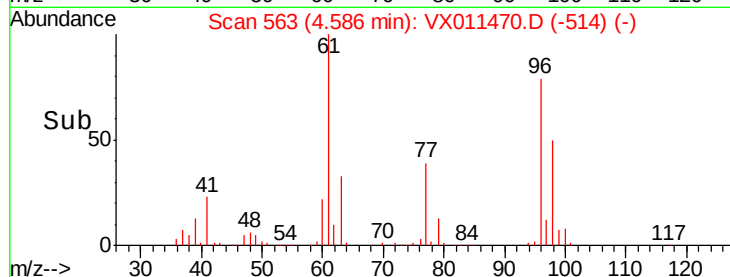
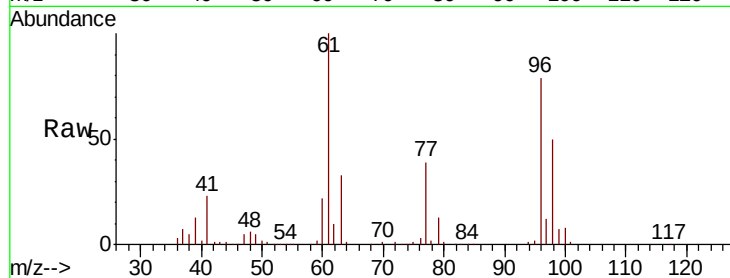


#27

cis-1,2-Dichloroethene
 Concen: 49.172 ug/l
 RT: 4.59 min Scan# 563
 Delta R.T. 0.00 min
 Lab File: VX011470.D
 Acq: 12 Aug 2019 07:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

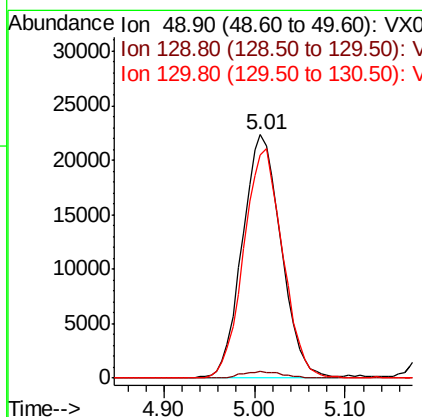
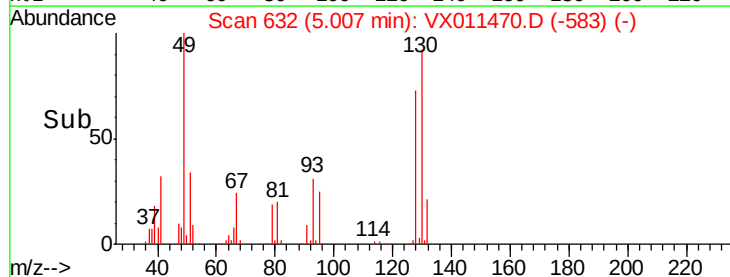
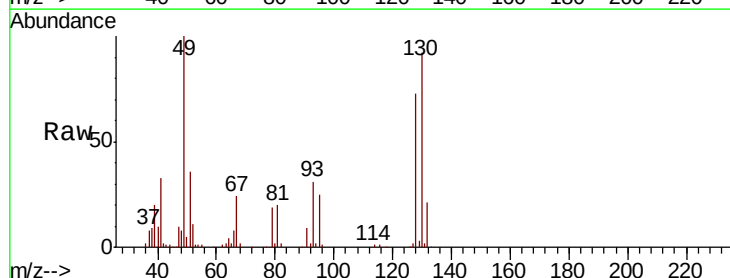
Tgt Ion: 96 Resp: 86092
 Ion Ratio Lower Upper
 96 100
 61 128.5 0.0 260.2
 98 66.3 0.0 133.2

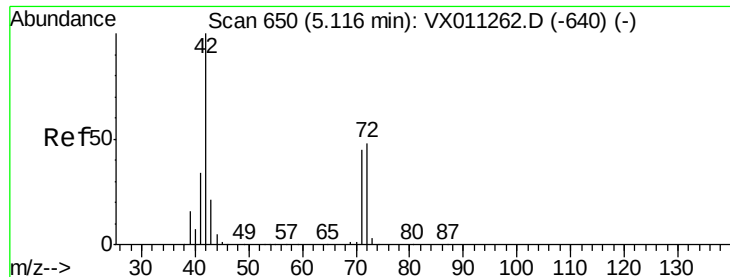


#28

Bromochloromethane
 Concen: 58.583 ug/l
 RT: 5.01 min Scan# 632
 Delta R.T. 0.00 min
 Lab File: VX011470.D
 Acq: 12 Aug 2019 07:24

Tgt Ion: 49 Resp: 66305
 Ion Ratio Lower Upper
 49 100
 129 2.8 0.0 5.8
 130 94.3 77.9 116.9





#29

Tetrahydrofuran

Concen: 270.241 ug/l

RT: 5.12 min Scan# 650

Delta R.T. 0.00 min

Lab File: VX011470.D

Acq: 12 Aug 2019 07:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

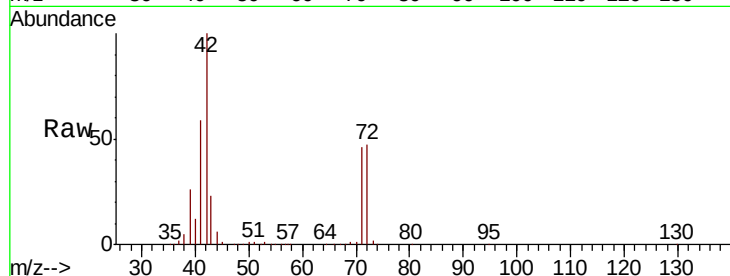
Tgt Ion: 42 Resp: 178440

Ion Ratio Lower Upper

42 100

72 48.6 39.9 59.9

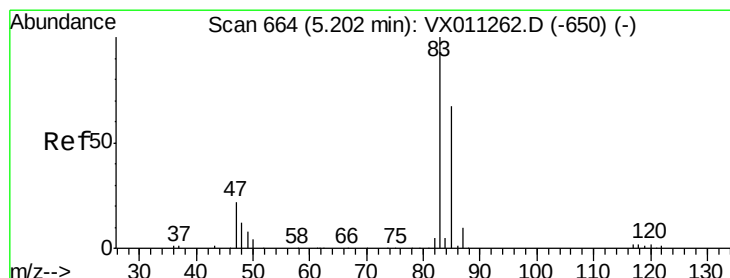
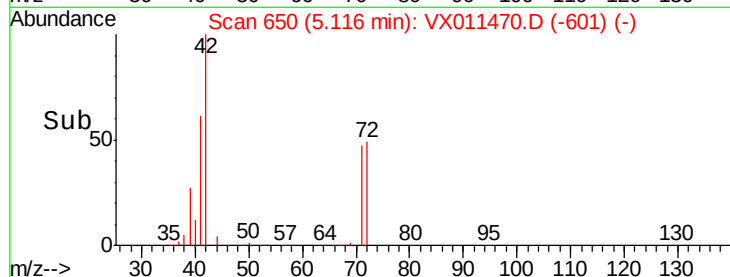
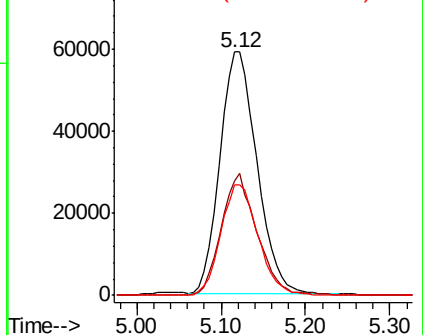
71 45.9 36.9 55.3



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: 53.910 ug/l

RT: 5.20 min Scan# 664

Delta R.T. 0.00 min

Lab File: VX011470.D

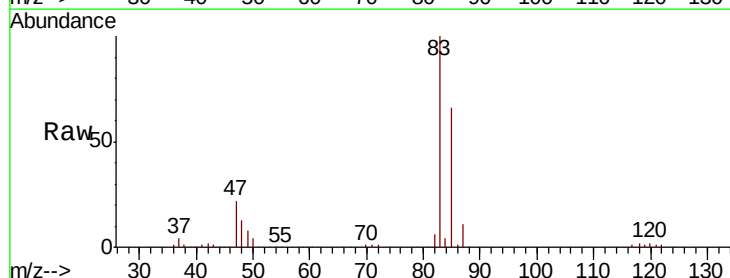
Acq: 12 Aug 2019 07:24

Tgt Ion: 83 Resp: 145466

Ion Ratio Lower Upper

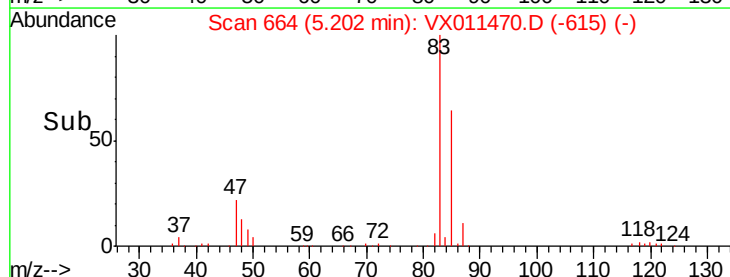
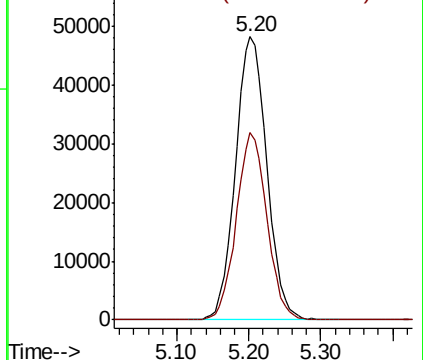
83 100

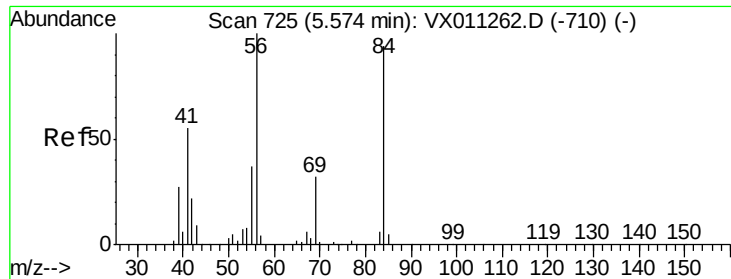
85 66.2 53.4 80.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

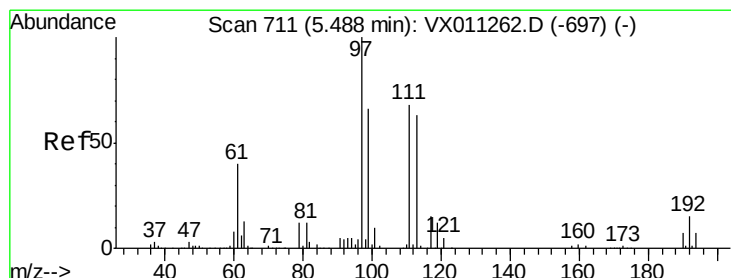
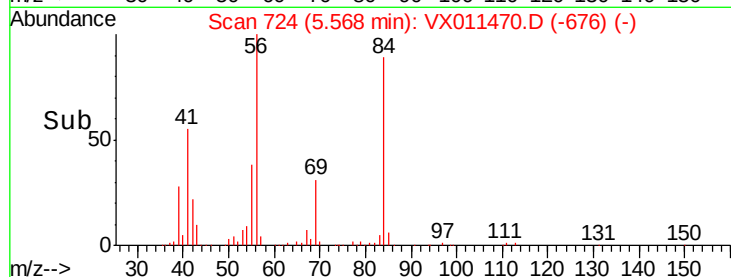
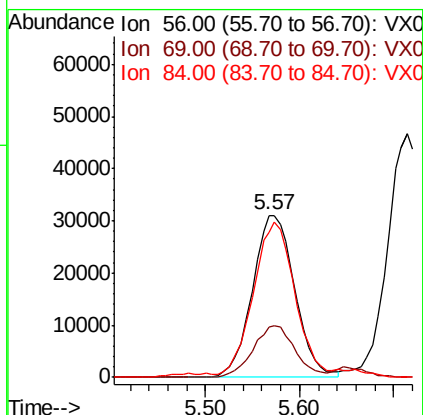
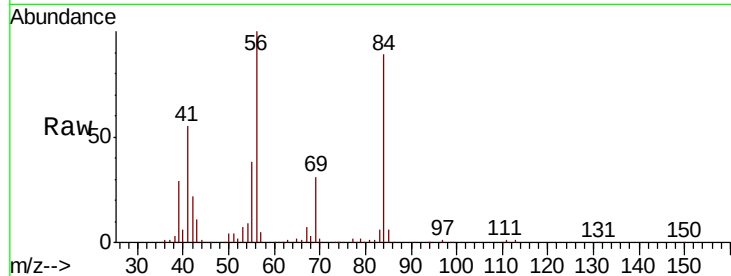




#31
Cyclohexane
Concen: 47.696 ug/l
RT: 5.57 min Scan# 724
Delta R.T. -0.01 min
Lab File: VX011470.D
Acq: 12 Aug 2019 07:24

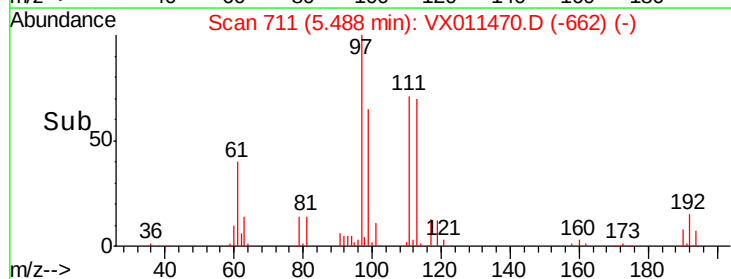
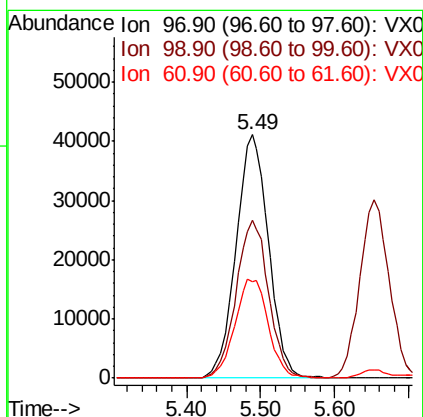
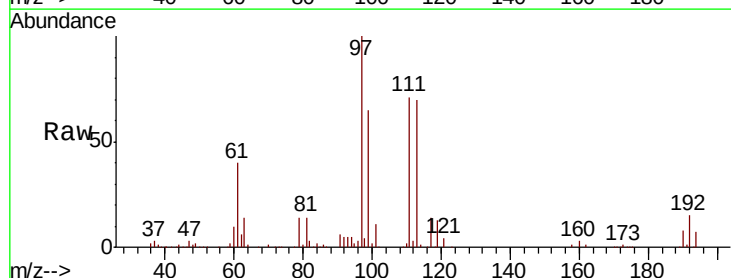
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

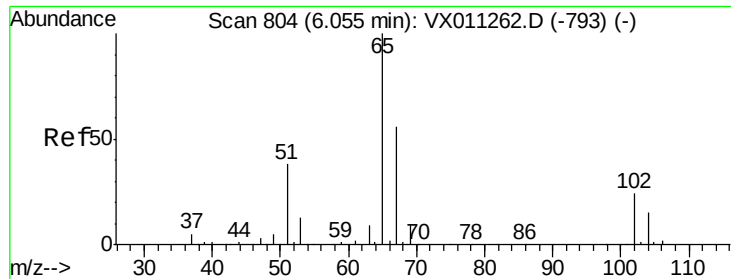
Tgt Ion: 56 Resp: 97692
Ion Ratio Lower Upper
56 100
69 31.0 25.5 38.3
84 87.1 75.0 112.4



#32
1,1,1-Trichloroethane
Concen: 54.305 ug/l
RT: 5.49 min Scan# 711
Delta R.T. 0.00 min
Lab File: VX011470.D
Acq: 12 Aug 2019 07:24

Tgt Ion: 97 Resp: 125525
Ion Ratio Lower Upper
97 100
99 65.0 51.6 77.4
61 41.9 32.3 48.5

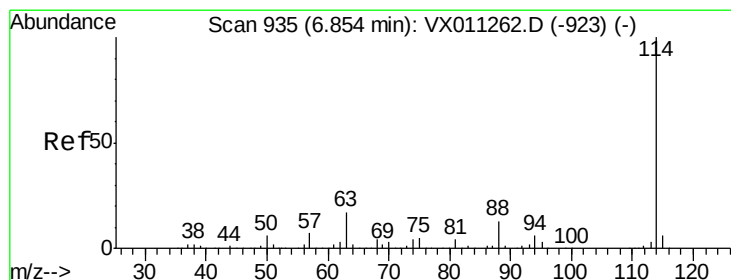
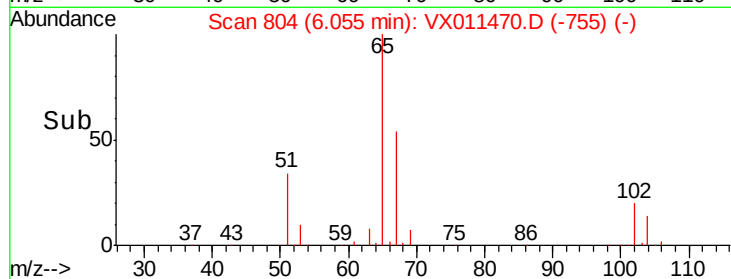
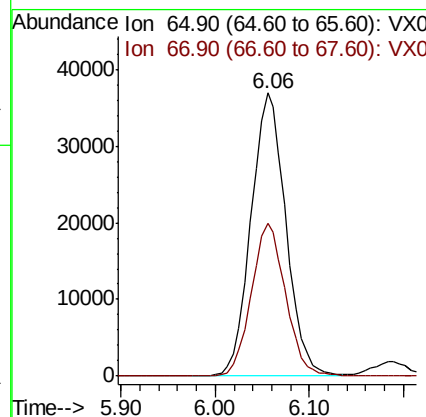
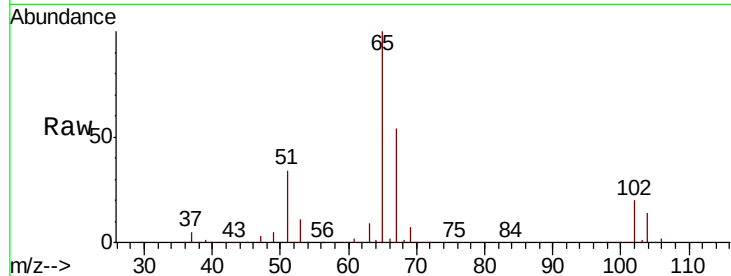




#33
 1,2-Dichloroethane-d4
 Concen: 60.218 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX011470.D
 Acq: 12 Aug 2019 07:24

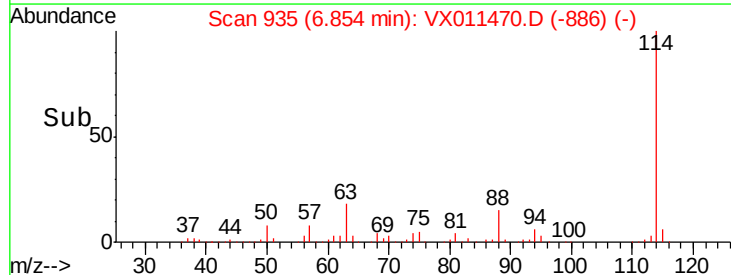
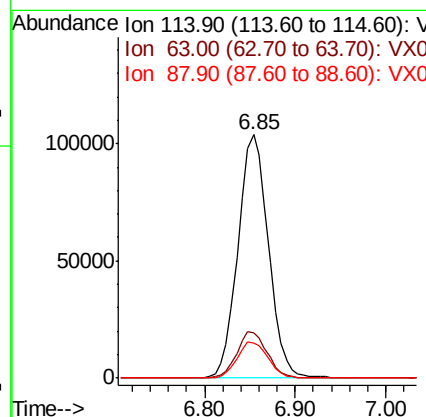
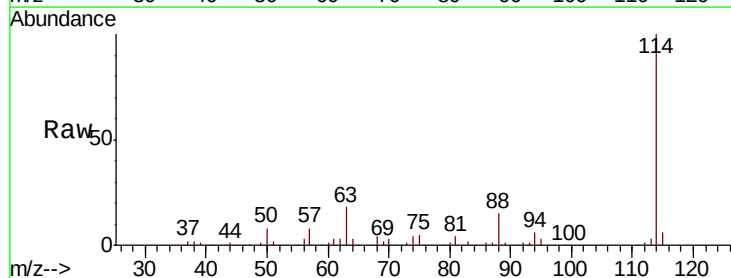
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

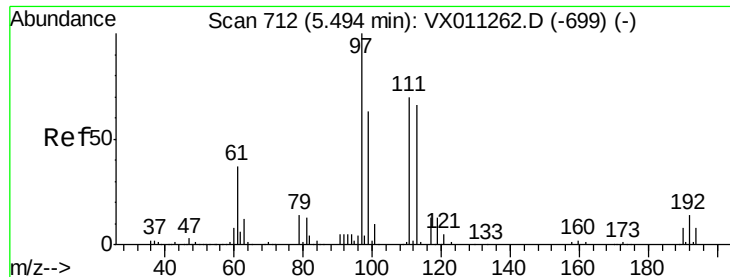
Tgt Ion: 65 Resp: 95777
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011470.D
 Acq: 12 Aug 2019 07:24

Tgt Ion: 114 Resp: 241875
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 34.0
 88 14.6 0.0 26.4

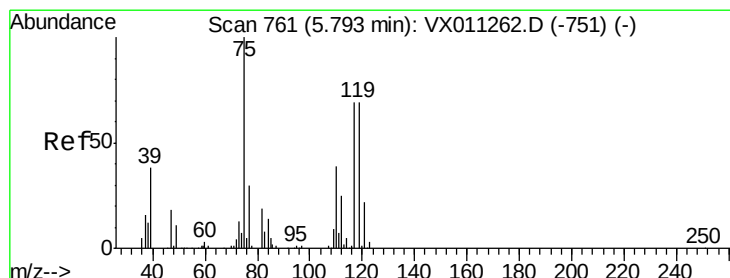
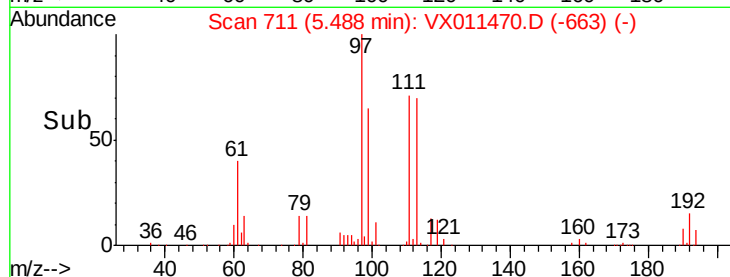
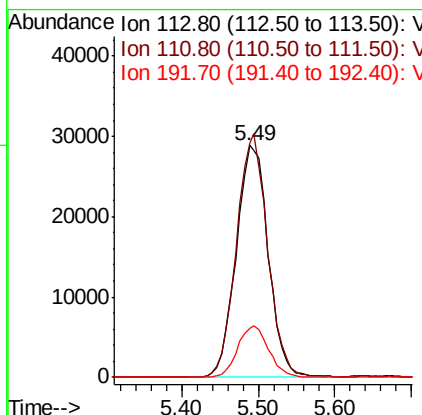
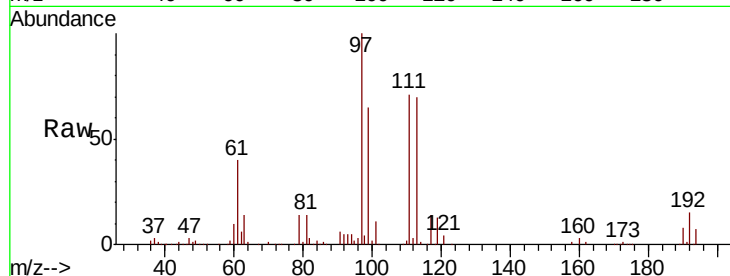




#35
 Dibromofluoromethane
 Concen: 53.279 ug/l
 RT: 5.49 min Scan# 711
 Delta R.T. -0.01 min
 Lab File: VX011470.D
 Acq: 12 Aug 2019 07:24

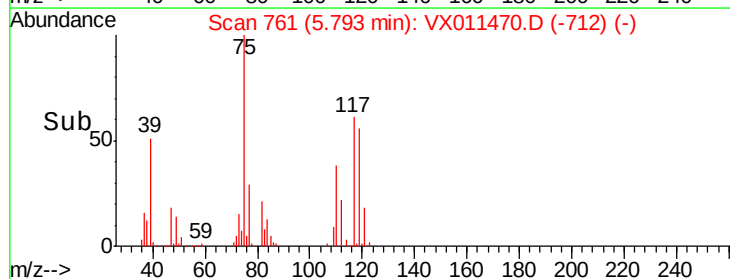
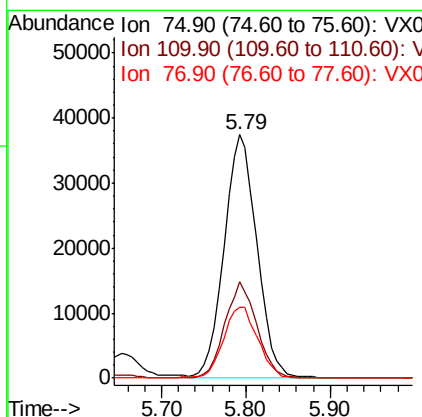
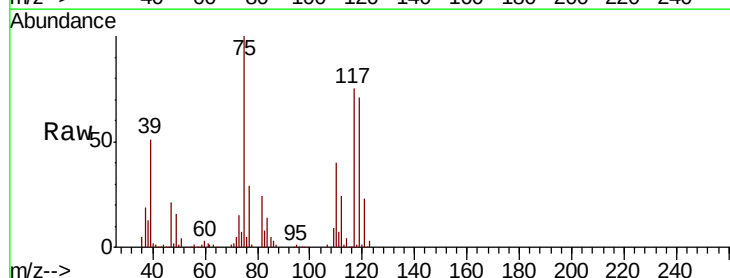
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

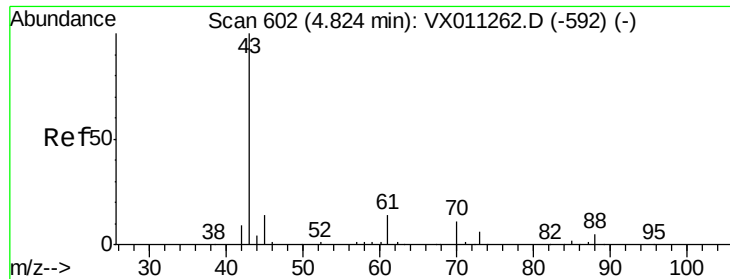
Tgt Ion: 113 Resp: 84136
 Ion Ratio Lower Upper
 113 100
 111 101.6 81.9 122.9
 192 21.4 17.8 26.8



#36
 1,1-Dichloropropene
 Concen: 46.630 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. 0.00 min
 Lab File: VX011470.D
 Acq: 12 Aug 2019 07:24

Tgt Ion: 75 Resp: 98472
 Ion Ratio Lower Upper
 75 100
 110 38.6 20.0 59.9
 77 30.1 24.8 37.2

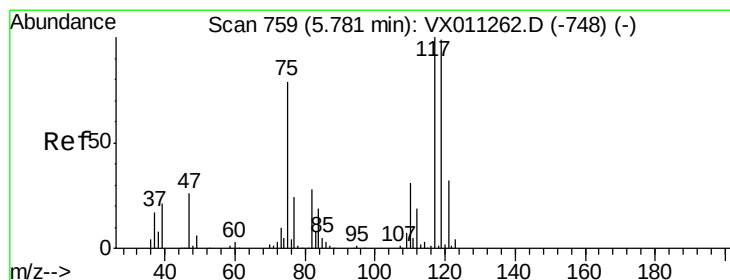
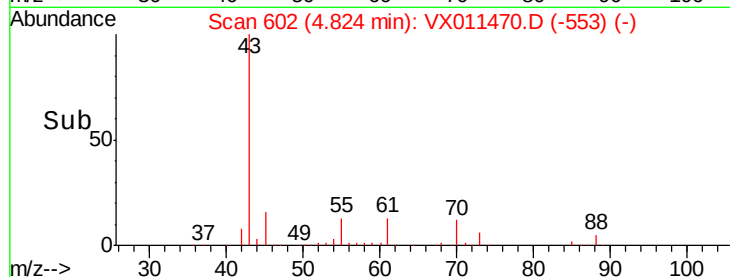
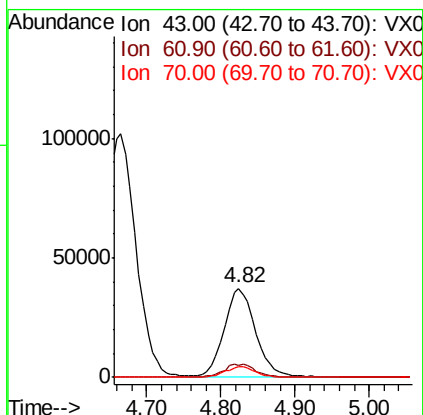
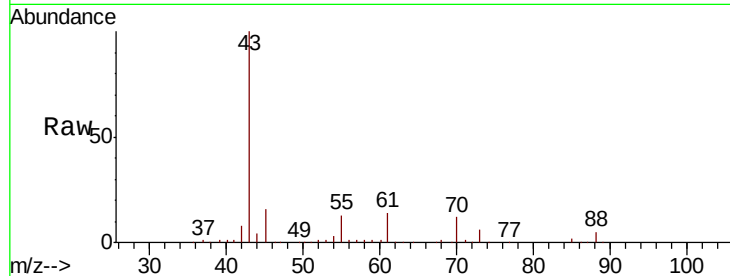




#37
Ethyl Acetate
Concen: 51.309 ug/l
RT: 4.82 min Scan# 602
Delta R.T. 0.00 min
Lab File: VX011470.D
Acq: 12 Aug 2019 07:24

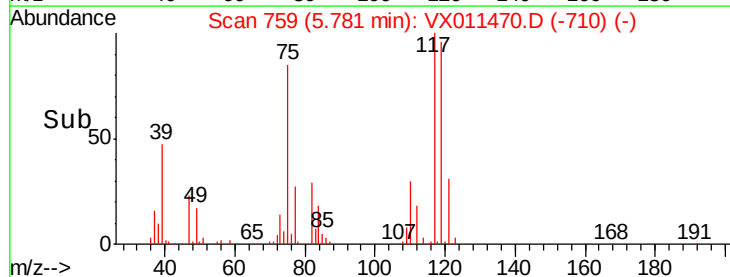
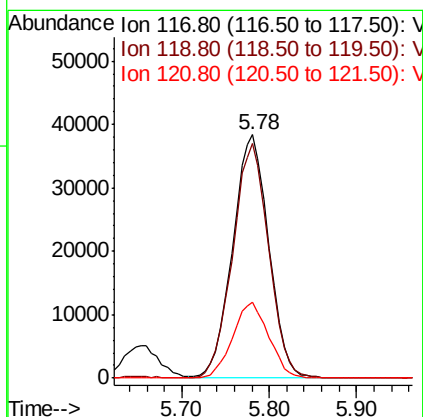
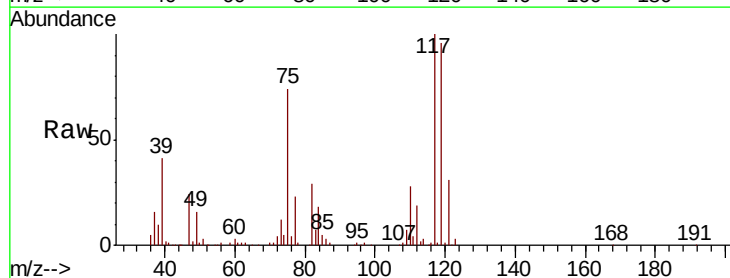
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

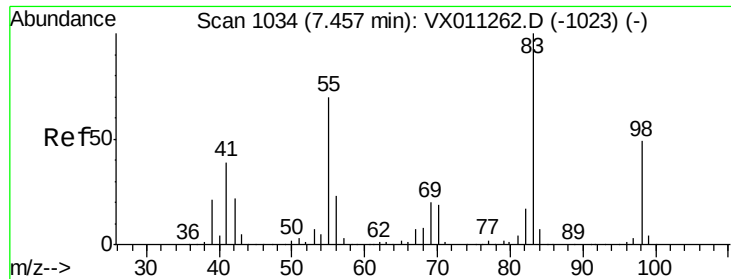
Tgt Ion: 43 Resp: 108687
Ion Ratio Lower Upper
43 100
61 15.5 12.6 18.8
70 11.6 9.1 13.7



#38
Carbon Tetrachloride
Concen: 51.775 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX011470.D
Acq: 12 Aug 2019 07:24

Tgt Ion: 117 Resp: 110003
Ion Ratio Lower Upper
117 100
119 96.4 79.0 118.4
121 31.0 25.9 38.9

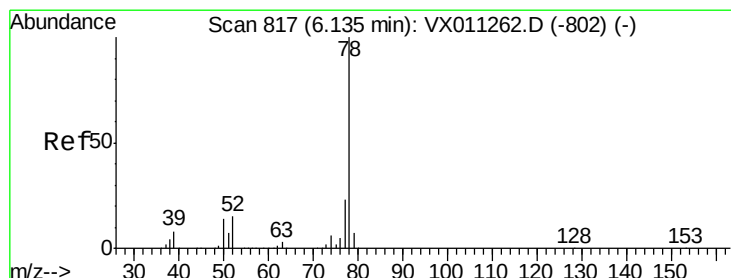
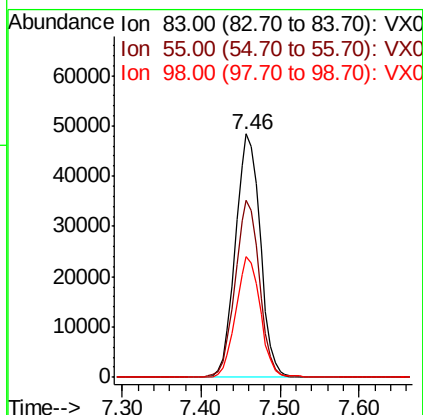
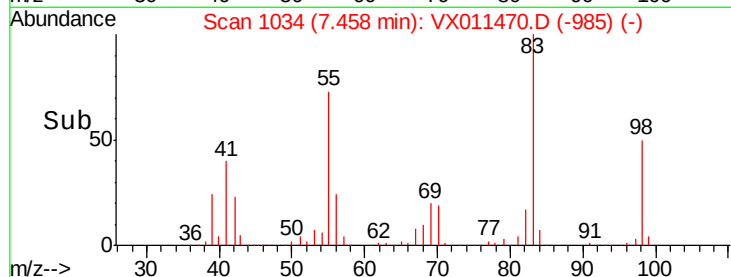
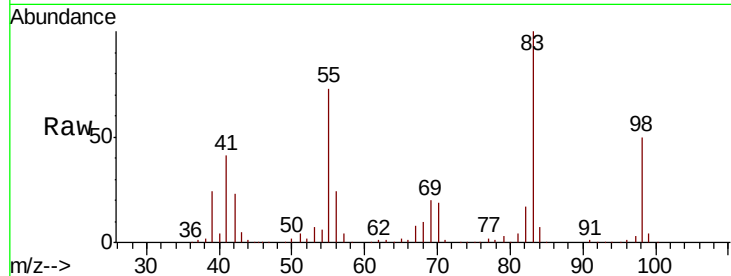




#39
Methylcyclohexane
Concen: 42.374 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX011470.D
Acq: 12 Aug 2019 07:24

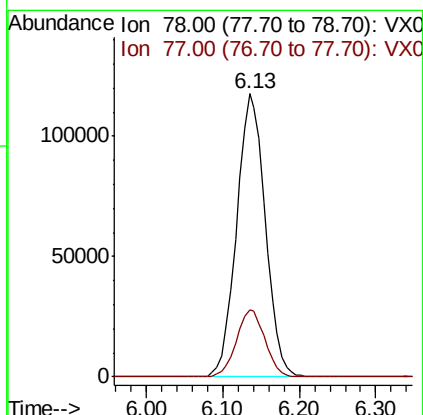
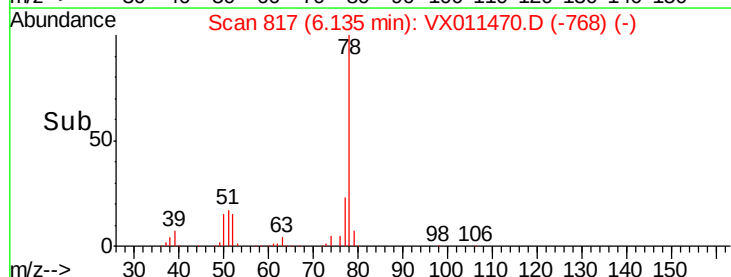
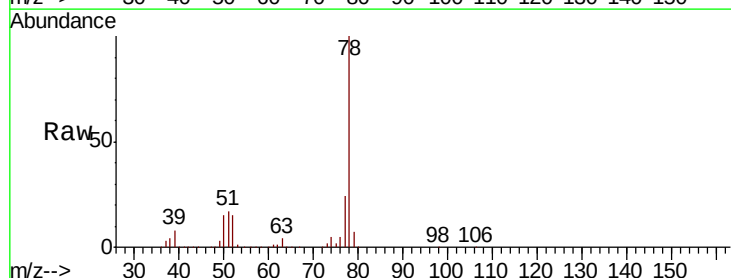
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

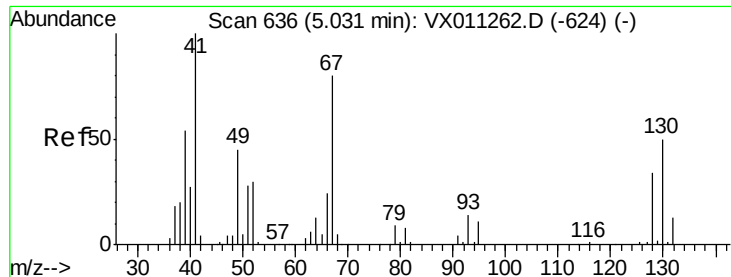
Tgt Ion: 83 Resp: 106070
Ion Ratio Lower Upper
83 100
55 72.6 56.1 84.1
98 49.7 39.0 58.4



#40
Benzene
Concen: 48.393 ug/l
RT: 6.13 min Scan# 817
Delta R.T. 0.00 min
Lab File: VX011470.D
Acq: 12 Aug 2019 07:24

Tgt Ion: 78 Resp: 304961
Ion Ratio Lower Upper
78 100
77 23.8 18.2 27.2

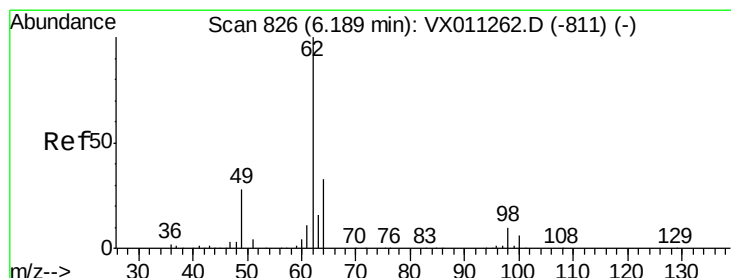
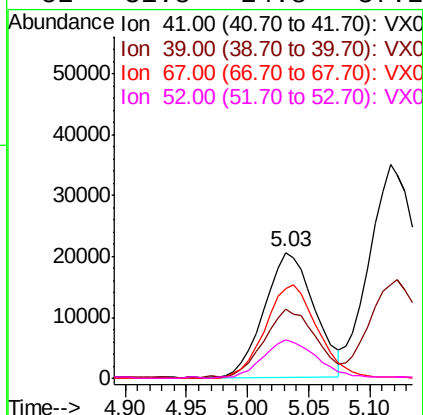
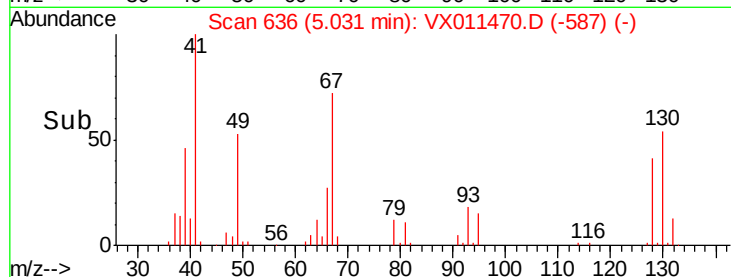
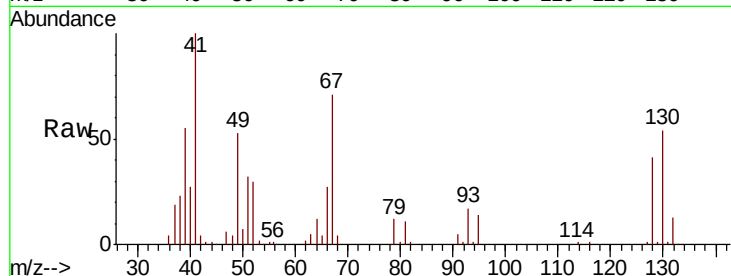




#41
Methacrylonitrile
Concen: 51.003 ug/l
RT: 5.03 min Scan# 636
Delta R.T. 0.00 min
Lab File: VX011470.D
Acq: 12 Aug 2019 07:24

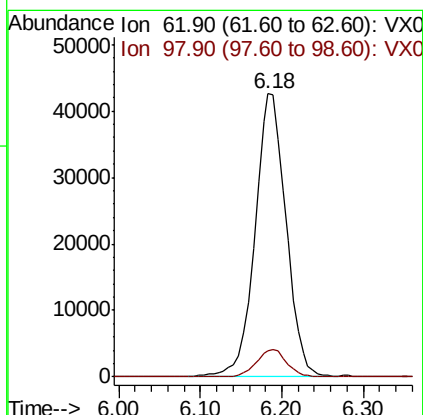
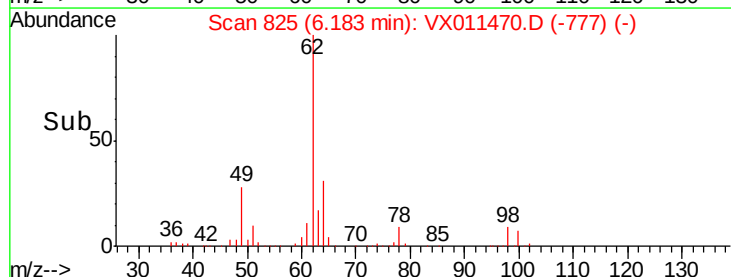
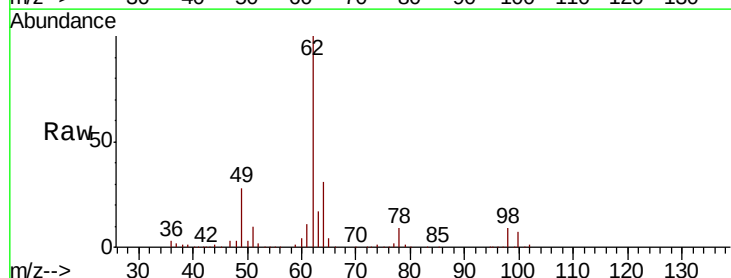
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

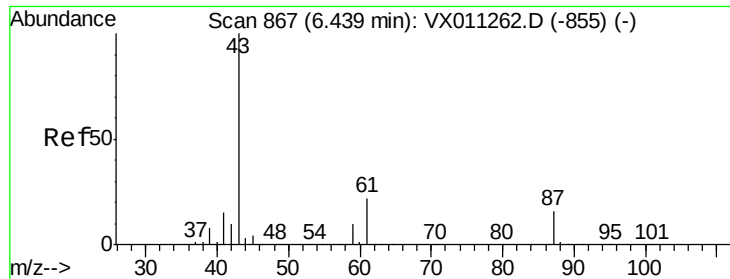
Tgt Ion:	41	Resp:	59003
Ion	Ratio	Lower	Upper
41	100		
39	56.1	43.0	64.6
67	77.8	65.1	97.7
52	31.8	24.8	37.2



#42
1,2-Dichloroethane
Concen: 53.061 ug/l
RT: 6.18 min Scan# 825
Delta R.T. -0.01 min
Lab File: VX011470.D
Acq: 12 Aug 2019 07:24

Tgt Ion:	62	Resp:	113069
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	20.6





#43

Isopropyl Acetate

Concen: 51.541 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: VX011470.D

Acq: 12 Aug 2019 07:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

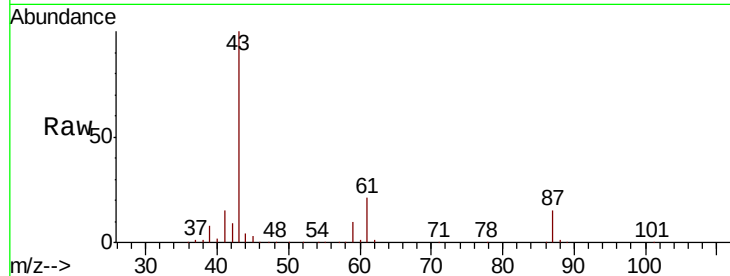
Tgt Ion: 43 Resp: 174552

Ion Ratio Lower Upper

43 100

61 20.4 16.5 24.7

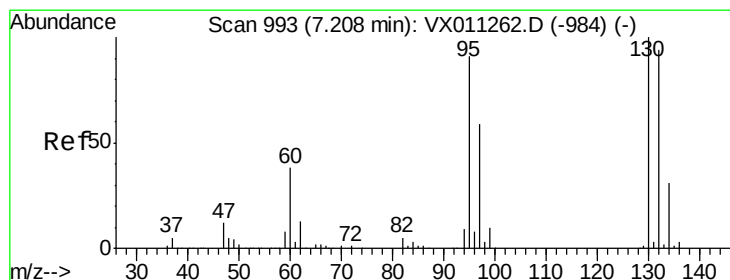
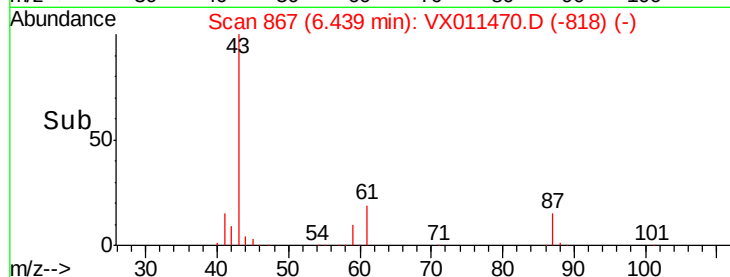
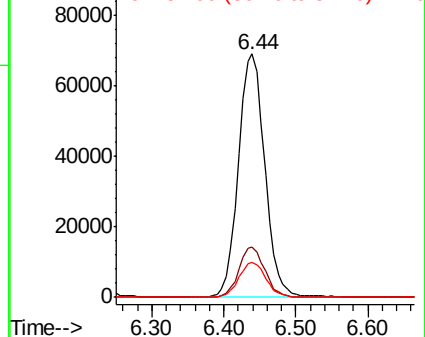
87 14.8 12.1 18.1



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: 45.360 ug/l

RT: 7.21 min Scan# 993

Delta R.T. 0.00 min

Lab File: VX011470.D

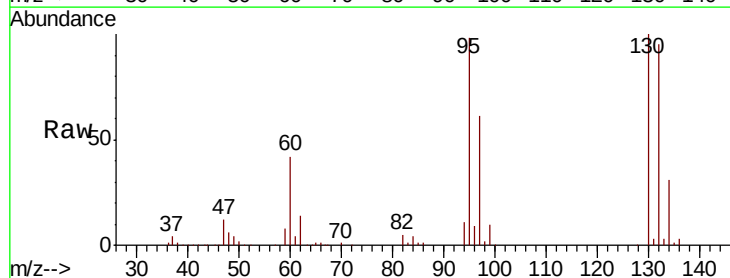
Acq: 12 Aug 2019 07:24

Tgt Ion: 130 Resp: 86522

Ion Ratio Lower Upper

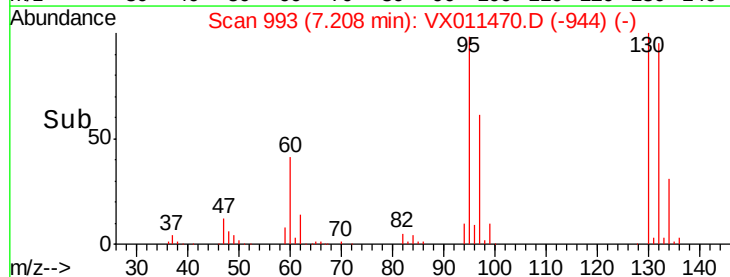
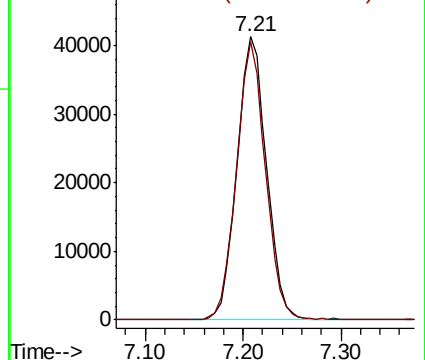
130 100

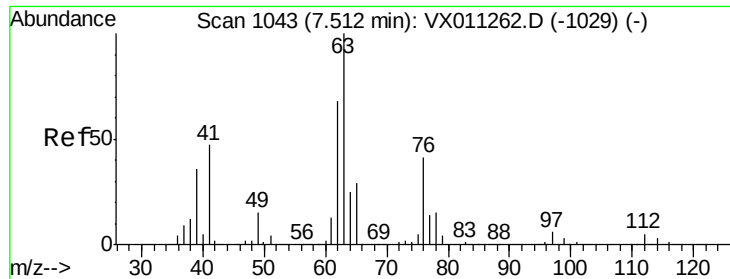
95 98.3 0.0 182.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

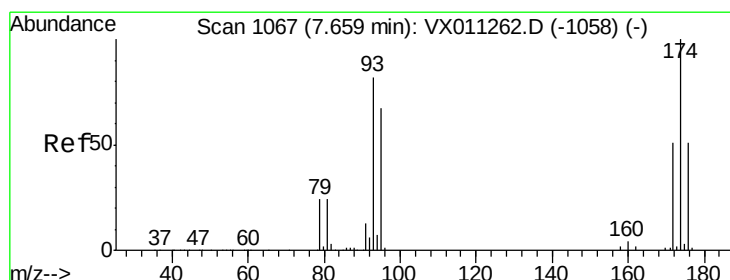
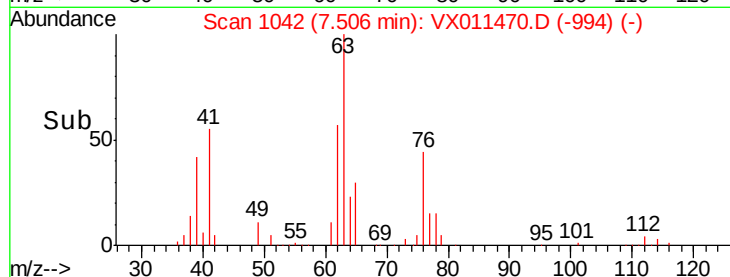
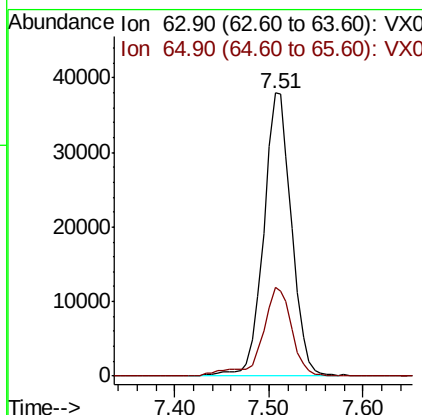
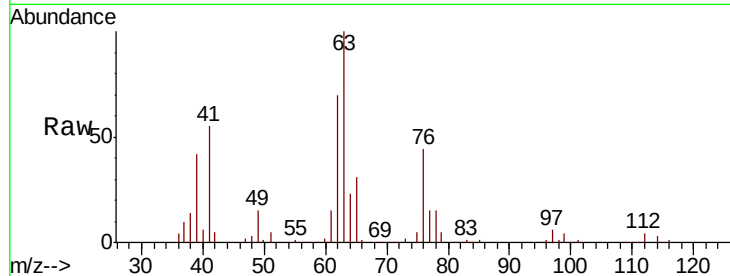




#45
 1,2-Dichloropropane
 Concen: 48.376 ug/l
 RT: 7.51 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX011470.D
 Acq: 12 Aug 2019 07:24

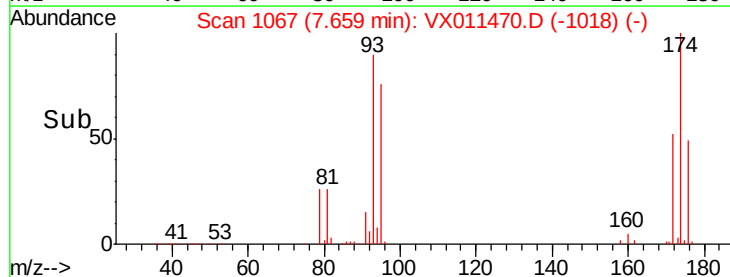
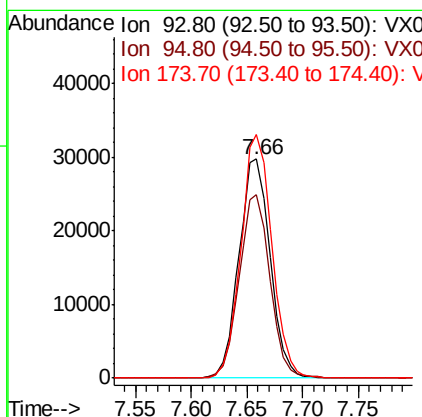
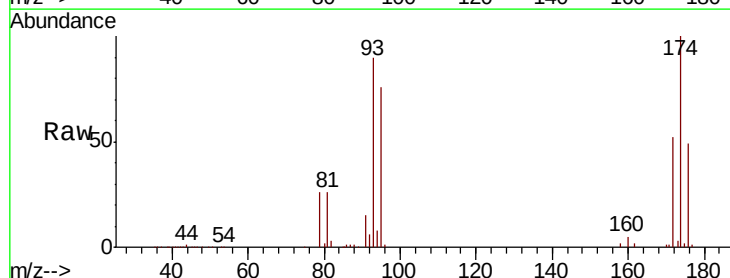
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

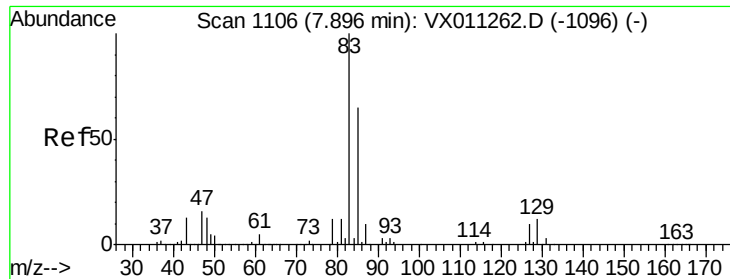
Tgt Ion: 63 Resp: 78952
 Ion Ratio Lower Upper
 63 100
 65 31.3 23.3 34.9



#46
 Dibromomethane
 Concen: 48.685 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX011470.D
 Acq: 12 Aug 2019 07:24

Tgt Ion: 93 Resp: 58004
 Ion Ratio Lower Upper
 93 100
 95 82.9 66.4 99.6
 174 110.5 93.4 140.2





#47

Bromodichloromethane

Concen: 53.676 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX011470.D

Acq: 12 Aug 2019 07:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

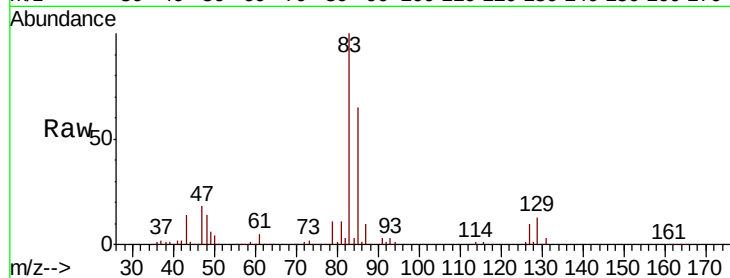
Tgt Ion: 83 Resp: 108273

Ion Ratio Lower Upper

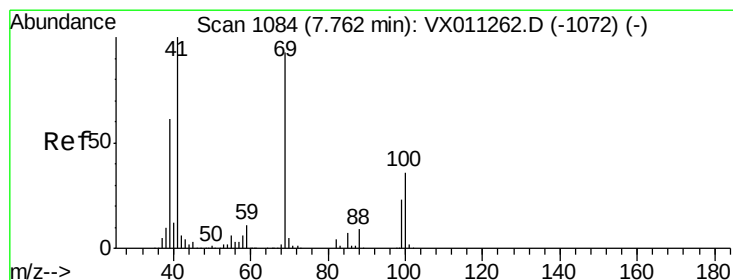
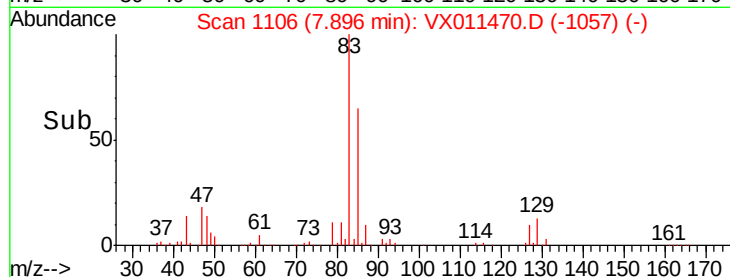
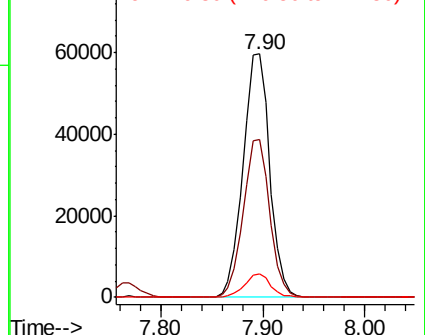
83 100

85 64.8 52.2 78.2

127 9.6 7.8 11.8



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



#48

Methyl methacrylate

Concen: 54.874 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. 0.00 min

Lab File: VX011470.D

Acq: 12 Aug 2019 07:24

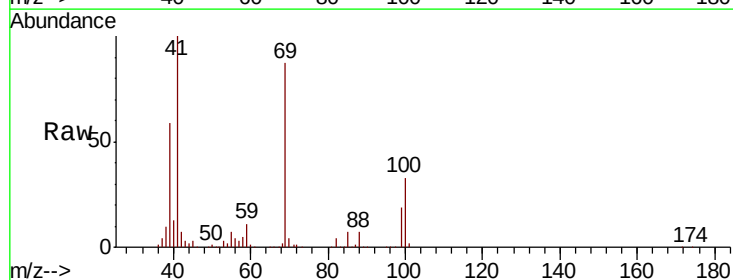
Tgt Ion: 41 Resp: 87458

Ion Ratio Lower Upper

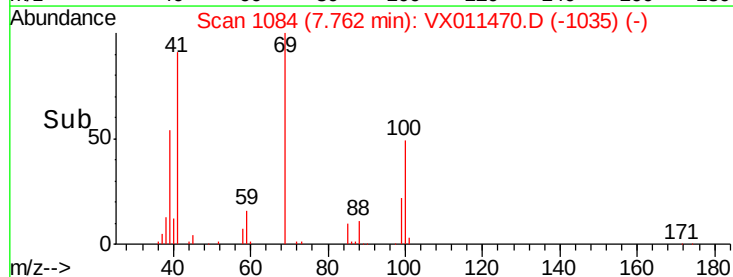
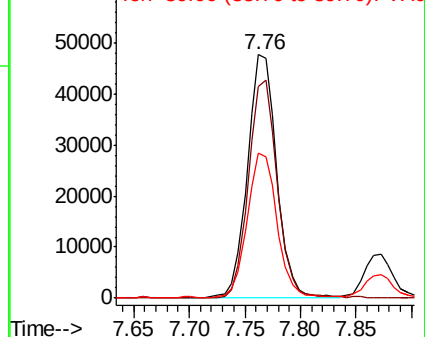
41 100

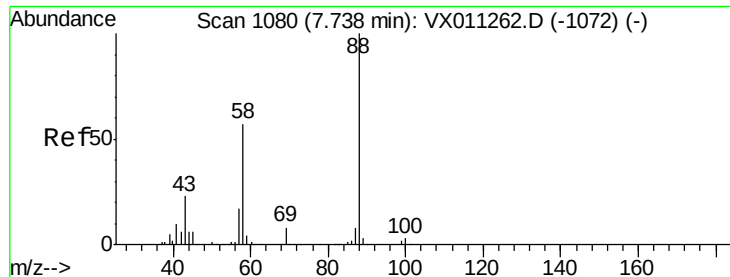
69 88.8 74.5 111.7

39 59.9 48.6 72.8



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

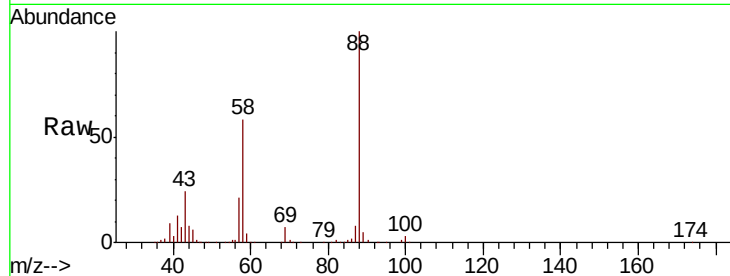




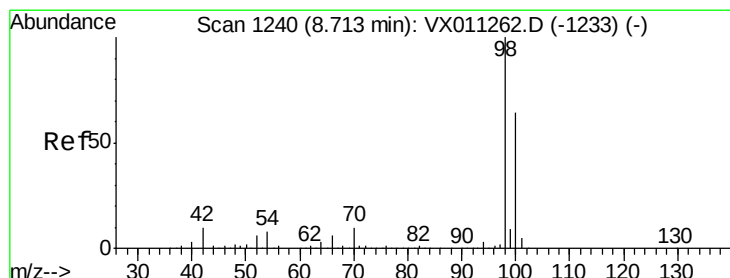
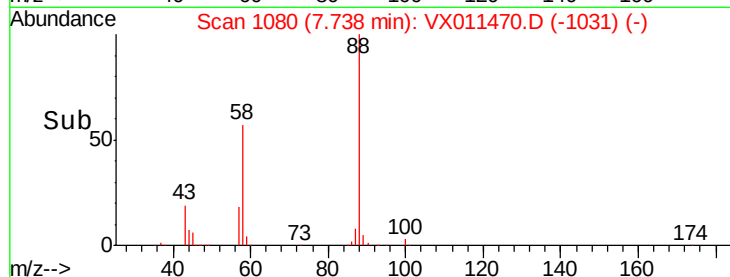
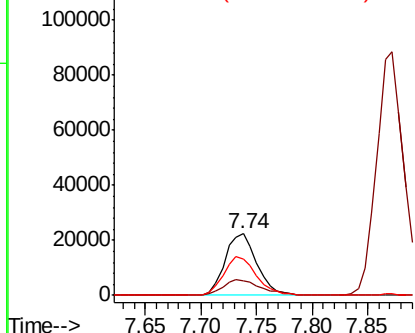
#49
 1,4-Dioxane
 Concen: 963.689 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. 0.00 min
 Lab File: VX011470.D
 Acq: 12 Aug 2019 07:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 88 Resp: 44528
 Ion Ratio Lower Upper
 88 100
 43 29.6 22.2 33.2
 58 64.3 47.8 71.8

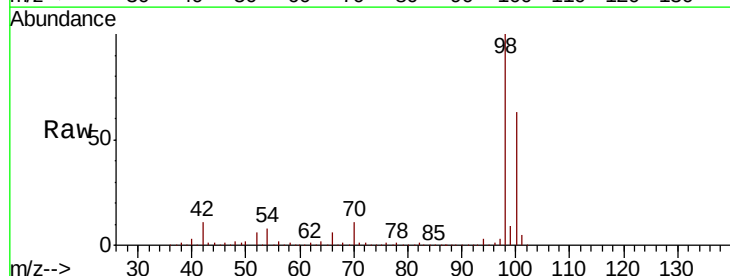


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

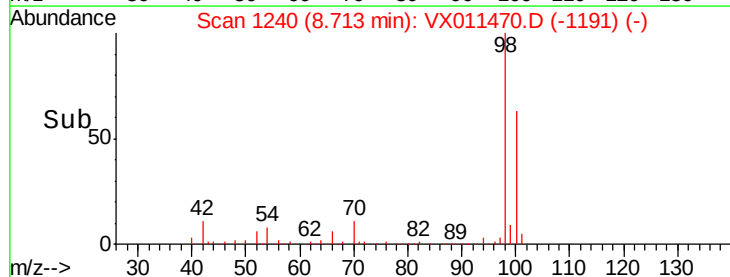
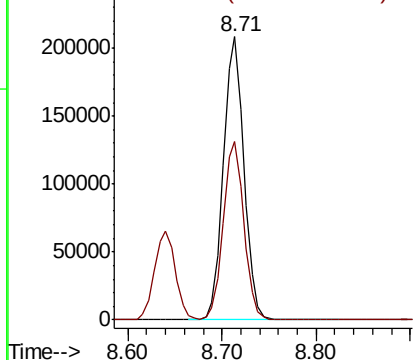


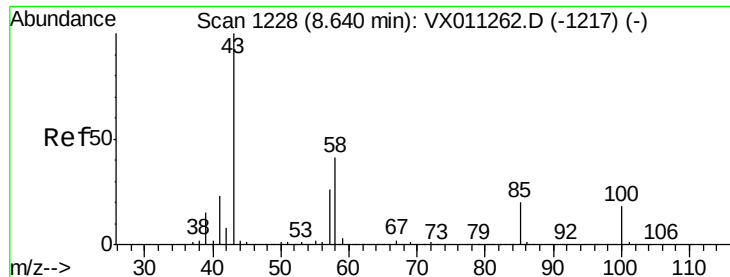
#50
 Toluene-d8
 Concen: 52.461 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX011470.D
 Acq: 12 Aug 2019 07:24

Tgt Ion: 98 Resp: 312711
 Ion Ratio Lower Upper
 98 100
 100 63.7 51.7 77.5



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

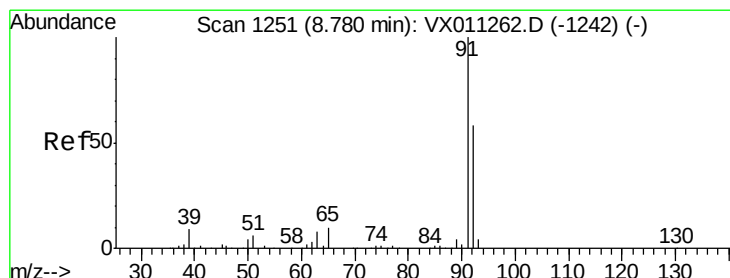
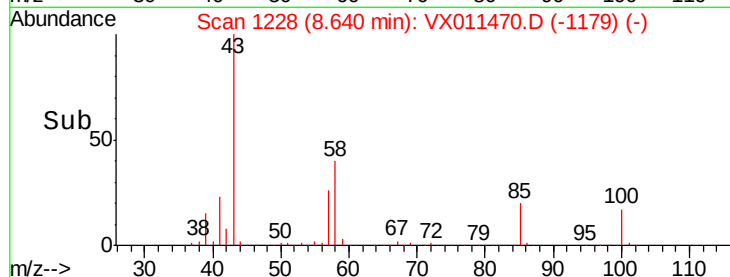
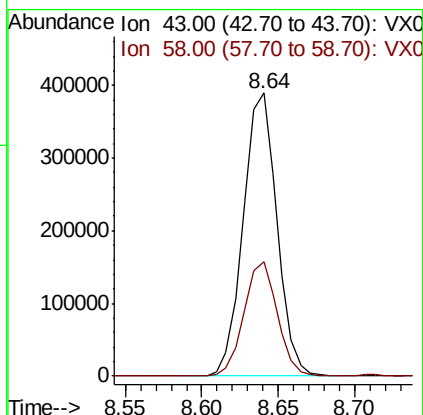
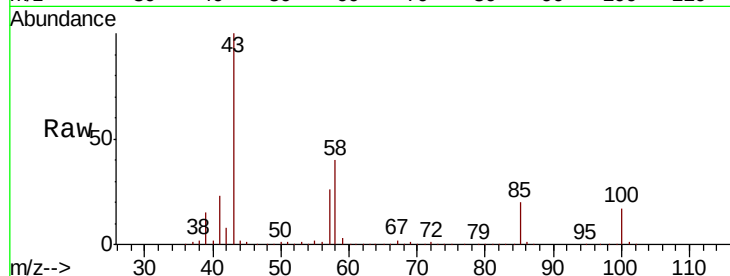




#51
 4-Methyl-2-Pentanone
 Concen: 273.436 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VX011470.D
 Acq: 12 Aug 2019 07:24

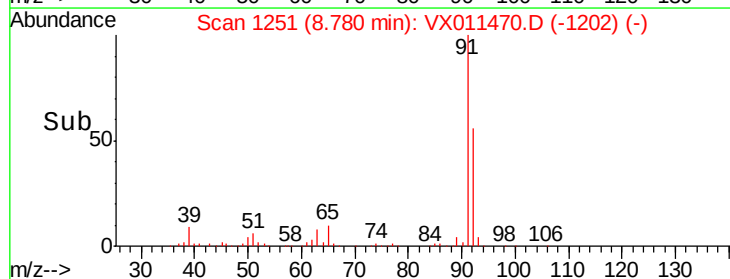
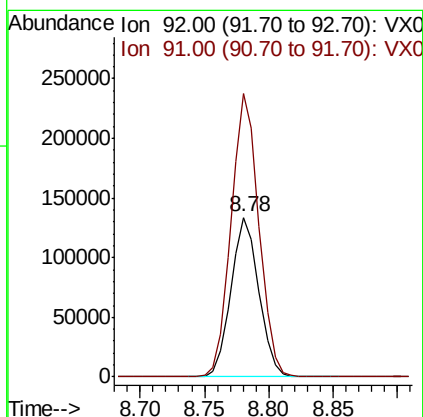
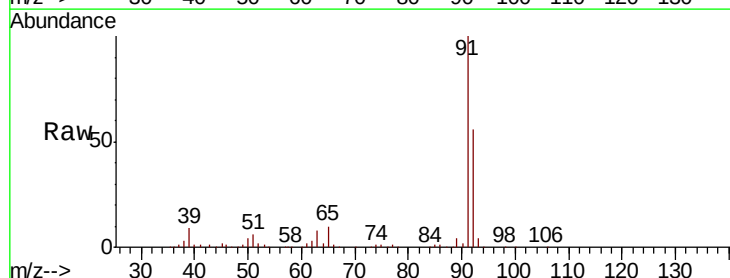
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

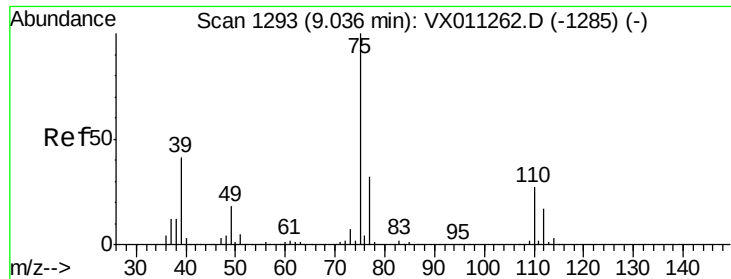
Tgt Ion: 43 Resp: 597627
 Ion Ratio Lower Upper
 43 100
 58 39.9 32.3 48.5



#52
 Toluene
 Concen: 48.572 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: VX011470.D
 Acq: 12 Aug 2019 07:24

Tgt Ion: 92 Resp: 202377
 Ion Ratio Lower Upper
 92 100
 91 176.6 139.4 209.0

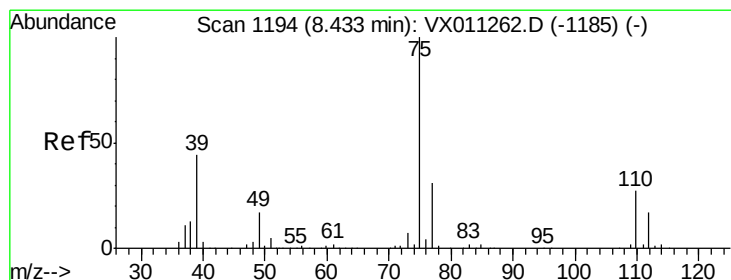
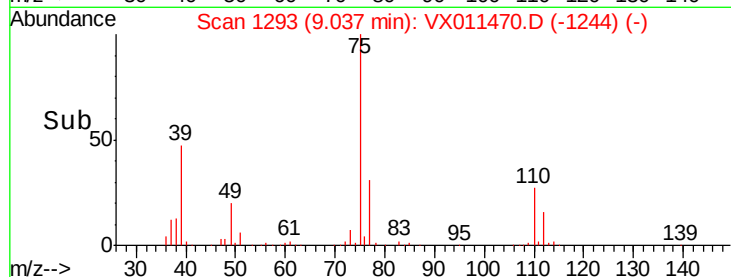
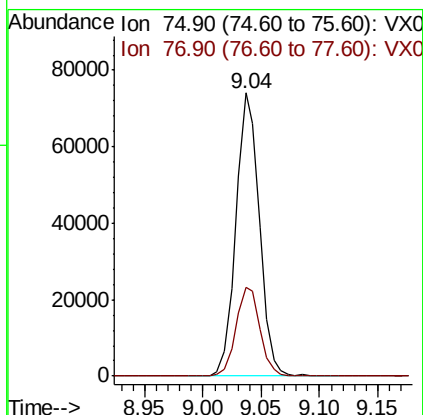
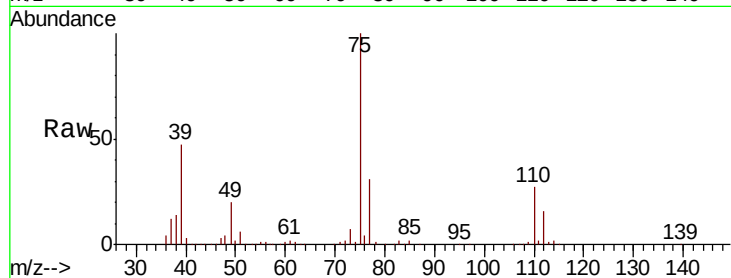




#53
t-1,3-Dichloropropene
Concen: 44.732 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX011470.D
Acq: 12 Aug 2019 07:24

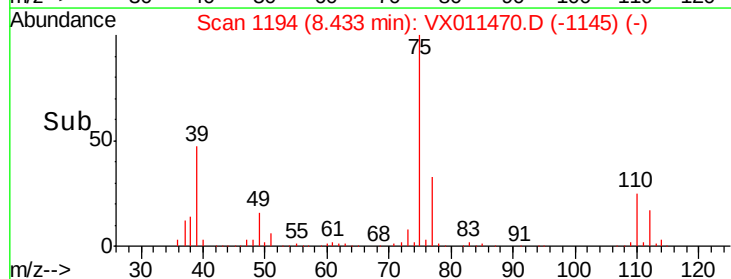
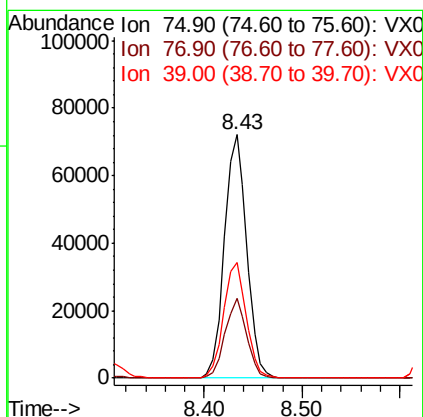
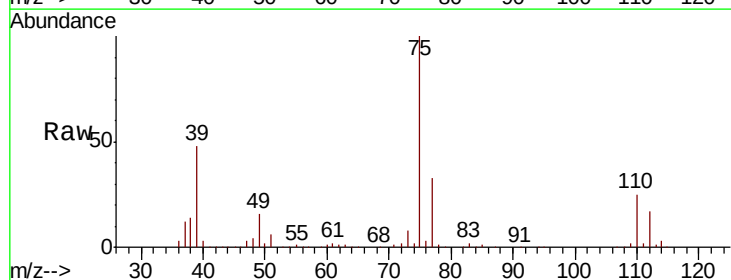
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

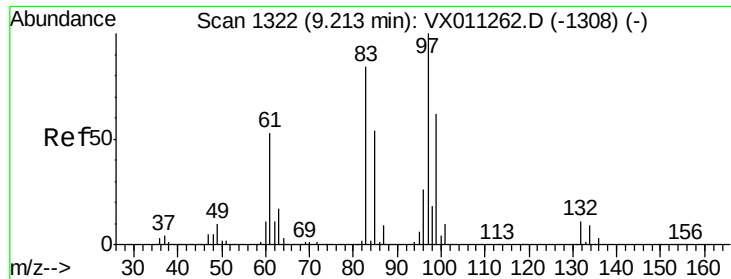
Tgt Ion: 75 Resp: 104338
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 48.430 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX011470.D
Acq: 12 Aug 2019 07:24

Tgt Ion: 75 Resp: 114115
Ion Ratio Lower Upper
75 100
77 32.9 25.0 37.6
39 47.5 35.3 52.9

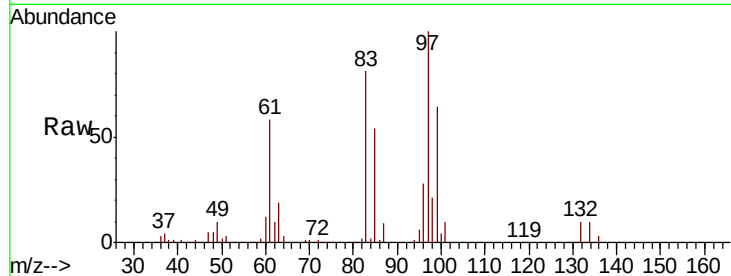




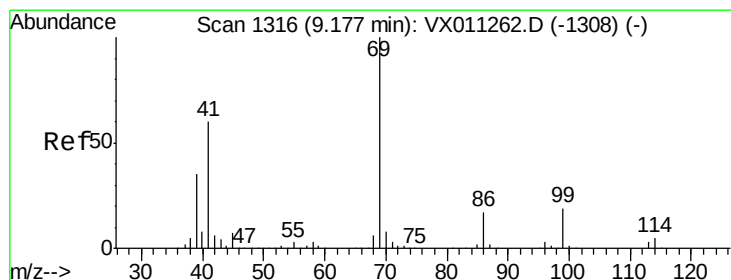
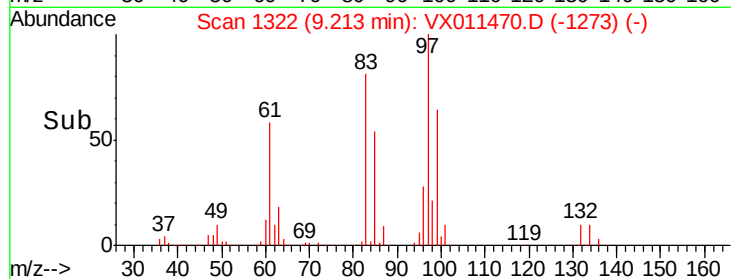
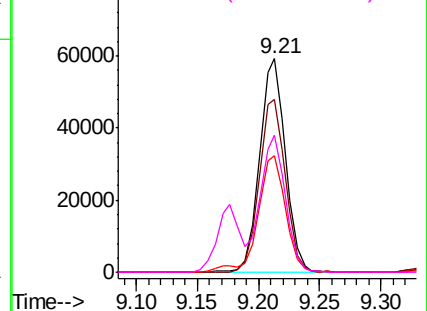
#55
 1,1,2-Trichloroethane
 Concen: 51.131 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX011470.D
 Acq: 12 Aug 2019 07:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 97 Resp: 87592
 Ion Ratio Lower Upper
 97 100
 83 81.2 67.6 101.4
 85 54.5 43.4 65.0
 99 63.8 49.6 74.4

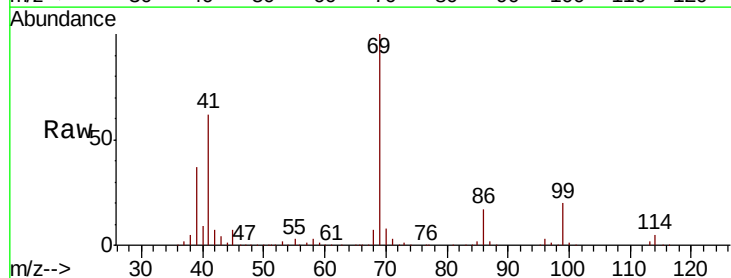


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

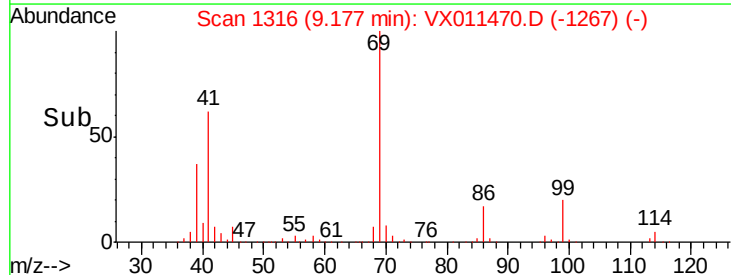
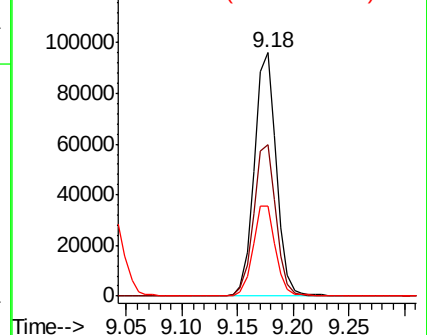


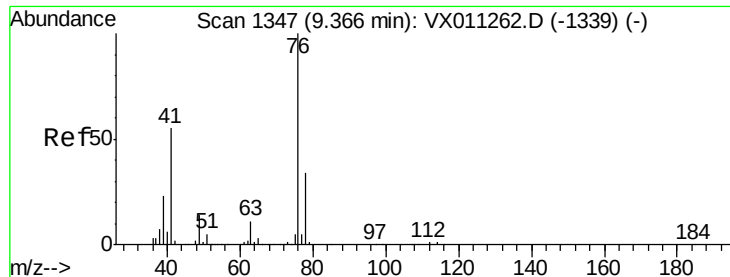
#56
 Ethyl methacrylate
 Concen: 53.832 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX011470.D
 Acq: 12 Aug 2019 07:24

Tgt Ion: 69 Resp: 131418
 Ion Ratio Lower Upper
 69 100
 41 63.0 48.6 73.0
 39 37.8 29.4 44.2



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

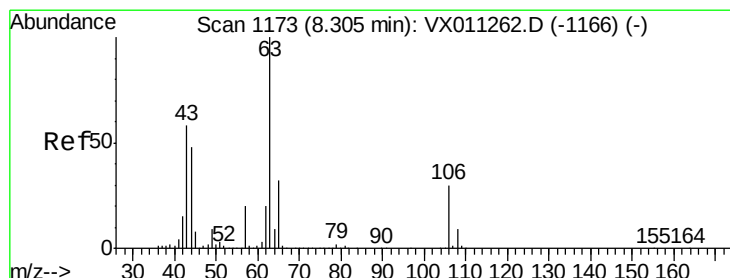
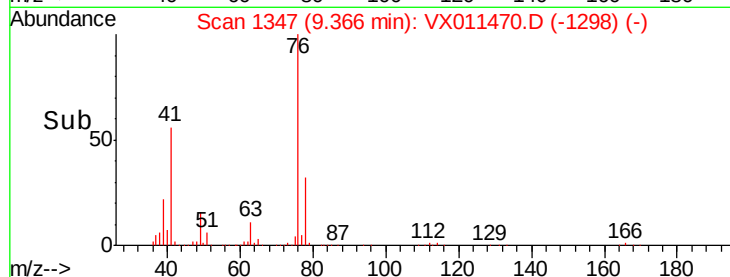
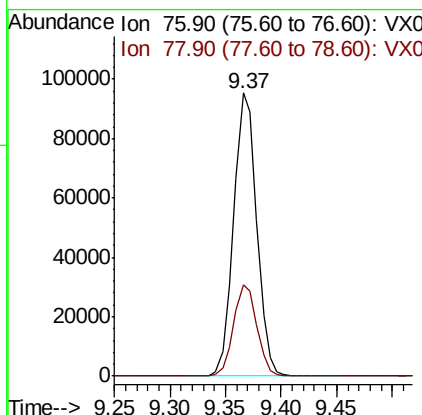
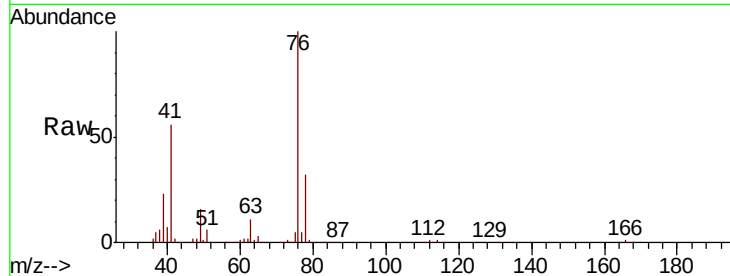




#57
 1,3-Dichloropropane
 Concen: 50.581 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: VX011470.D
 Acq: 12 Aug 2019 07:24

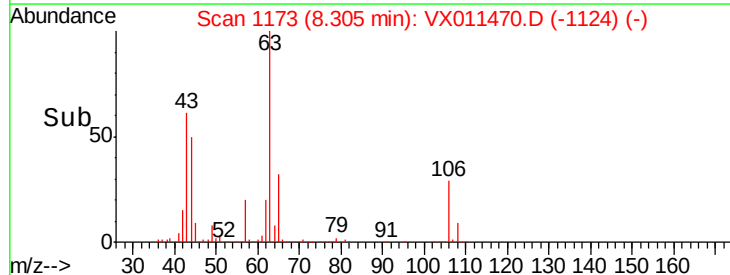
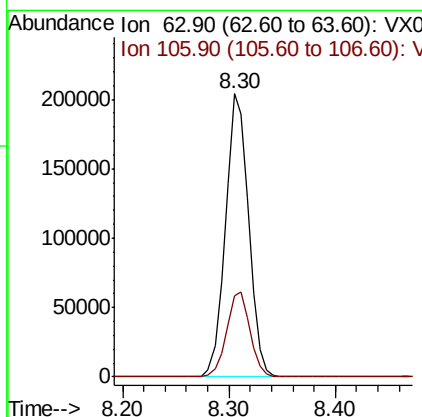
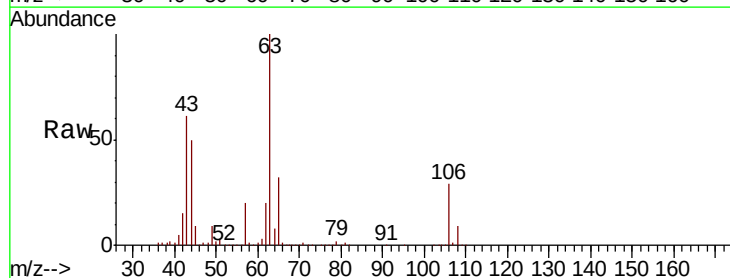
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

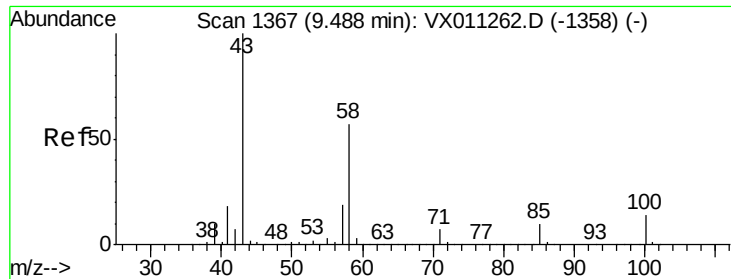
Tgt Ion: 76 Resp: 137037
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.6 40.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 259.202 ug/l
 RT: 8.30 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VX011470.D
 Acq: 12 Aug 2019 07:24

Tgt Ion: 63 Resp: 311131
 Ion Ratio Lower Upper
 63 100
 106 30.4 24.4 36.6

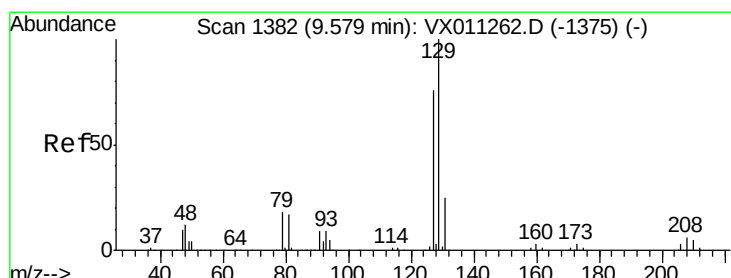
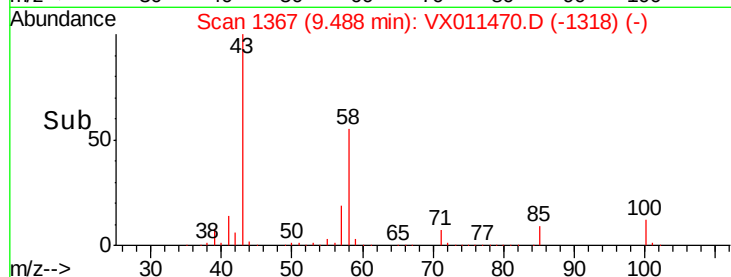
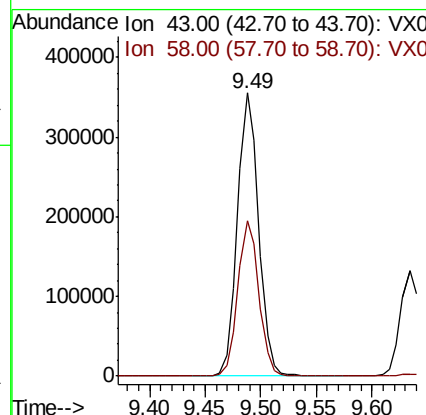
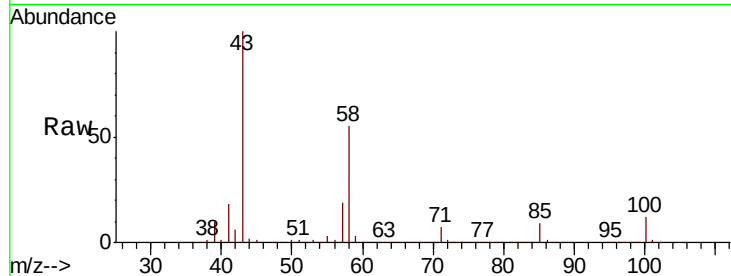




#59
2-Hexanone
Concen: 275.964 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX011470.D
Acq: 12 Aug 2019 07:24

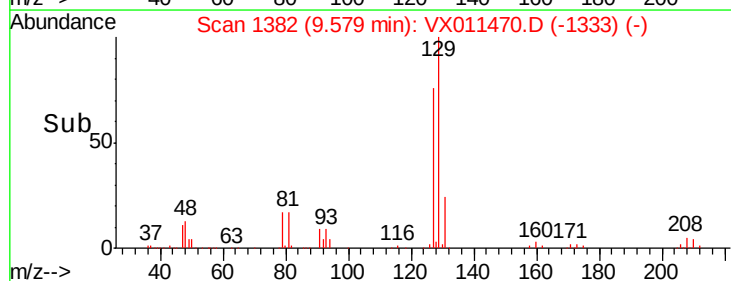
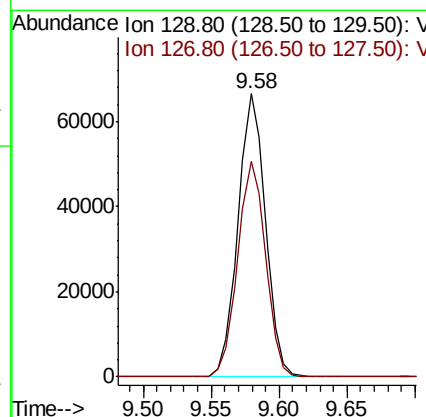
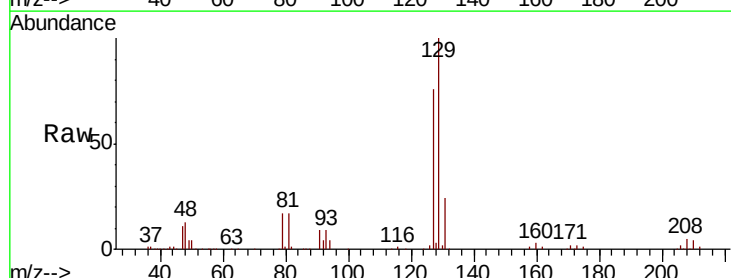
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

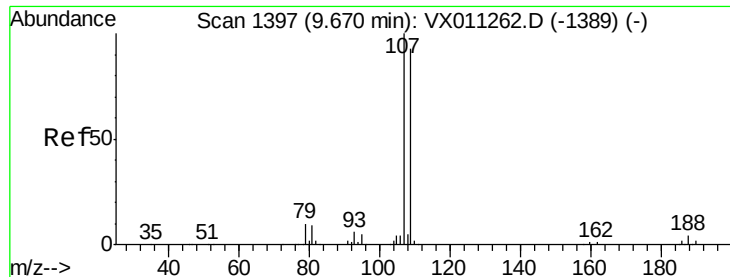
Tgt Ion: 43 Resp: 467179
Ion Ratio Lower Upper
43 100
58 54.9 28.2 84.6



#60
Dibromochloromethane
Concen: 53.454 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011470.D
Acq: 12 Aug 2019 07:24

Tgt Ion: 129 Resp: 93752
Ion Ratio Lower Upper
129 100
127 77.4 39.2 117.6

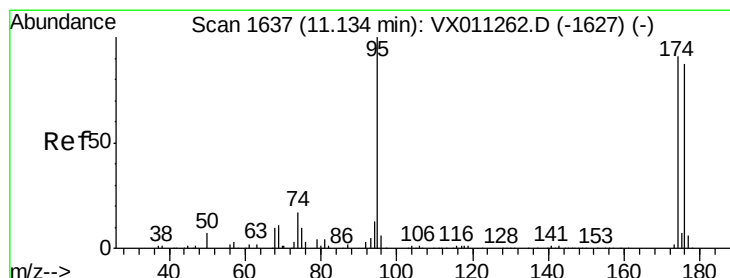
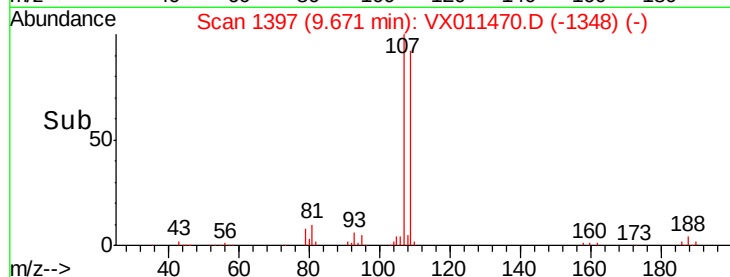
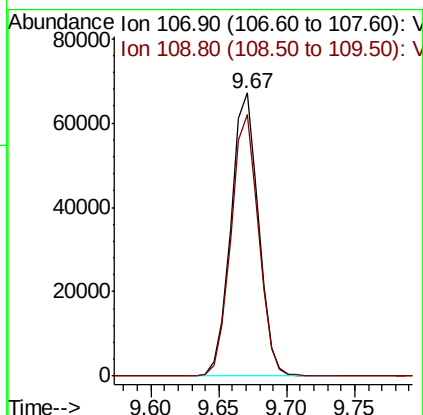
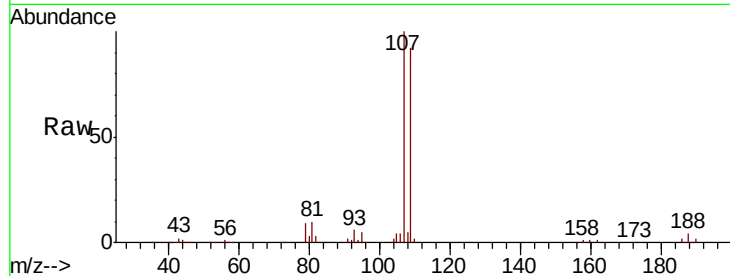




#61
 1,2-Dibromoethane
 Concen: 50.989 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX011470.D
 Acq: 12 Aug 2019 07:24

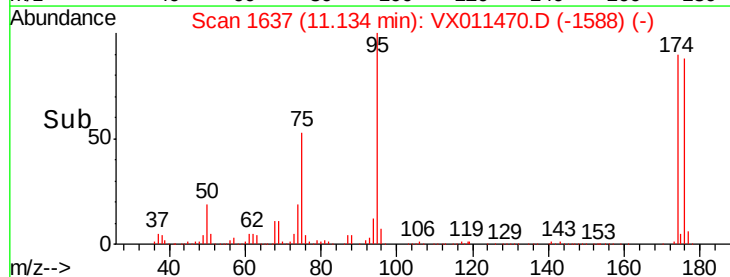
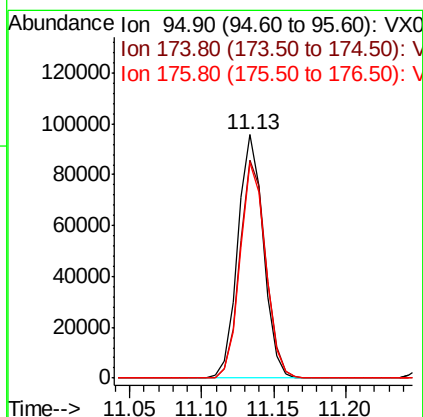
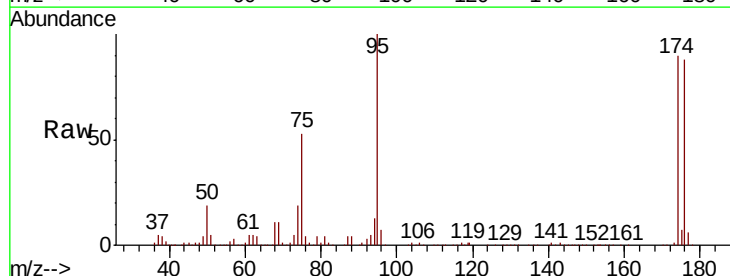
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

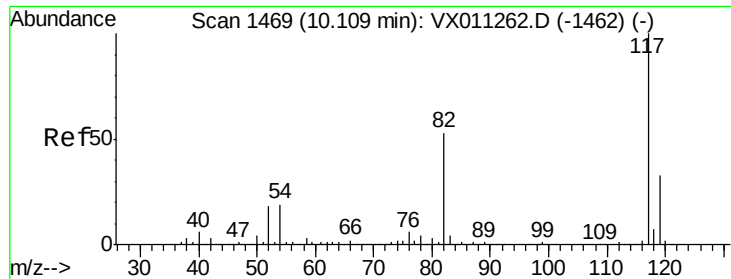
Tgt Ion: 107 Resp: 94372
 Ion Ratio Lower Upper
 107 100
 109 92.8 76.6 114.8



#62
 4-Bromofluorobenzene
 Concen: 55.601 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX011470.D
 Acq: 12 Aug 2019 07:24

Tgt Ion: 95 Resp: 118328
 Ion Ratio Lower Upper
 95 100
 174 90.7 0.0 191.2
 176 87.8 0.0 184.8

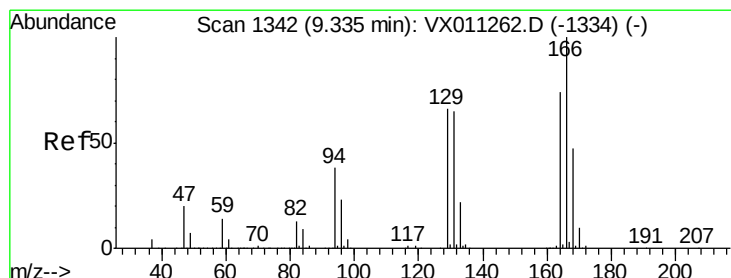
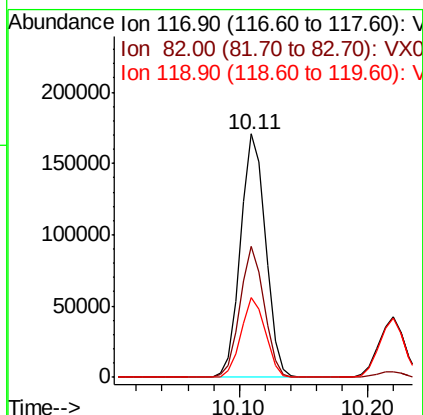
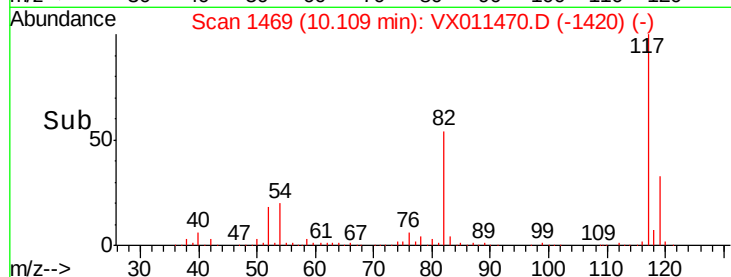
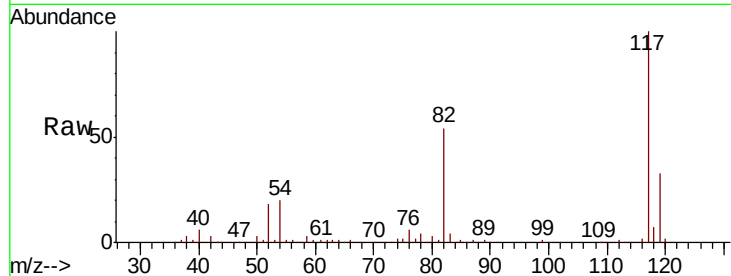




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011470.D
Acq: 12 Aug 2019 07:24

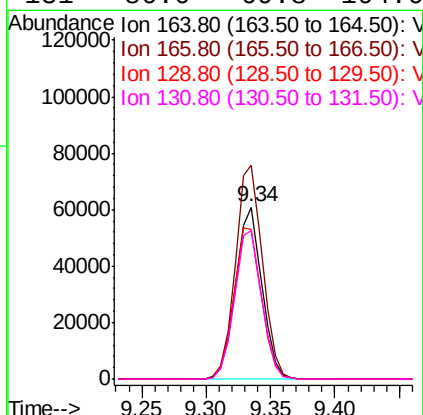
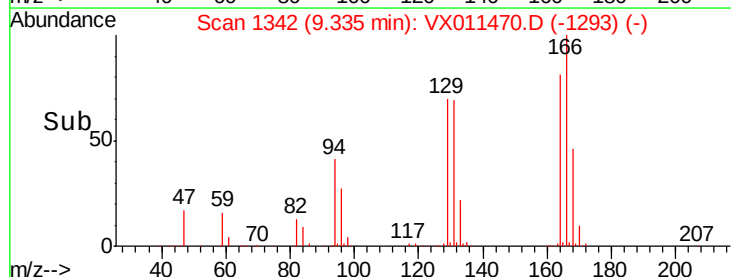
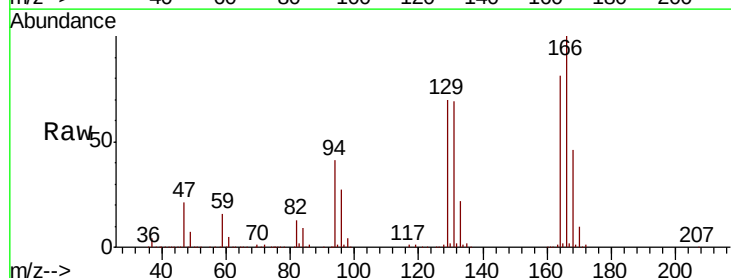
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

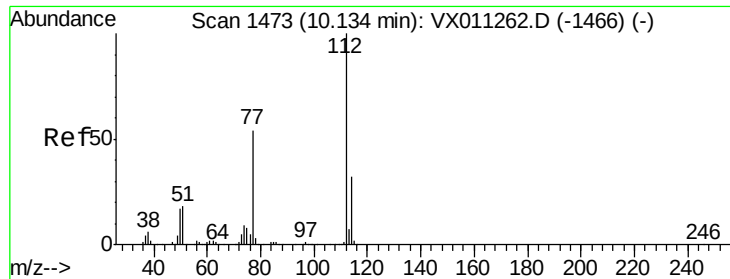
Tgt Ion:117 Resp: 229405
Ion Ratio Lower Upper
117 100
82 53.9 42.2 63.2
119 32.5 26.6 39.8



#64
Tetrachloroethene
Concen: 44.373 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX011470.D
Acq: 12 Aug 2019 07:24

Tgt Ion:164 Resp: 86448
Ion Ratio Lower Upper
164 100
166 124.2 107.5 161.3
129 86.9 71.0 106.4
131 86.0 69.8 104.6

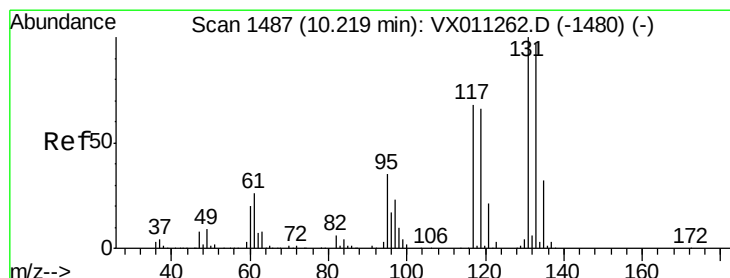
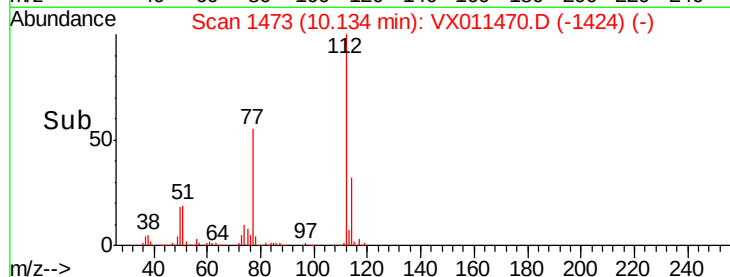
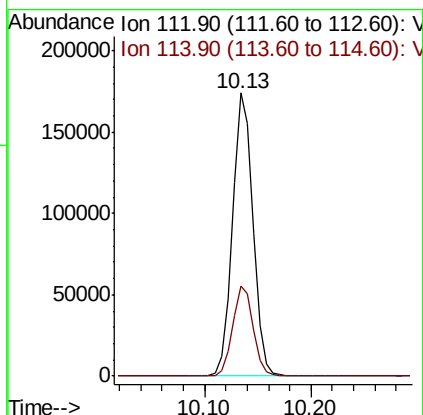
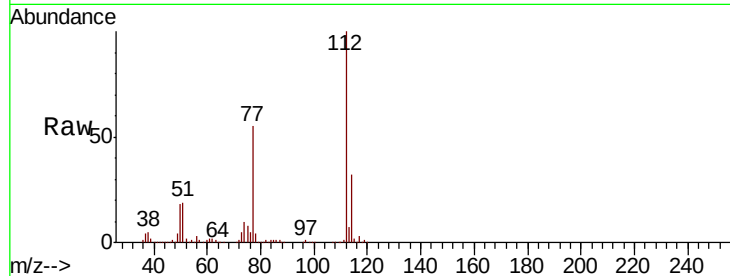




#65
Chlorobenzene
Concen: 47.615 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX011470.D
Acq: 12 Aug 2019 07:24

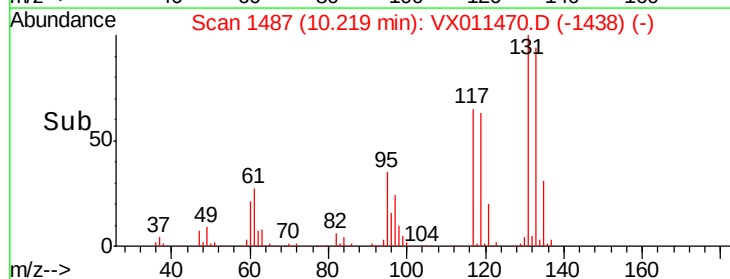
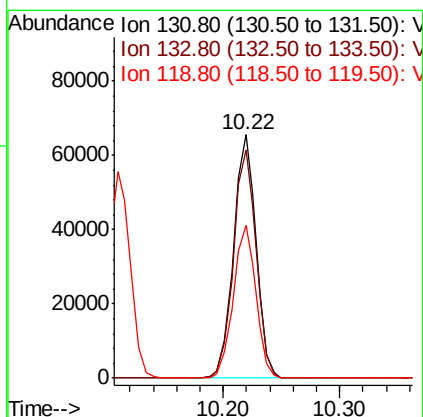
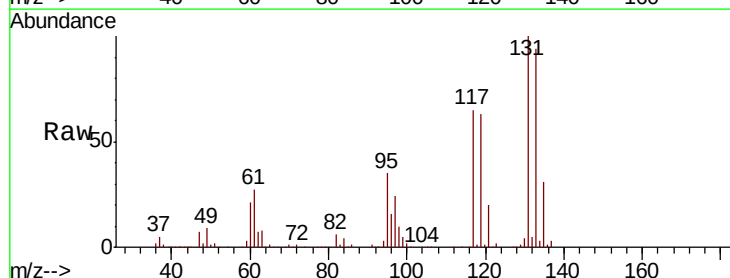
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

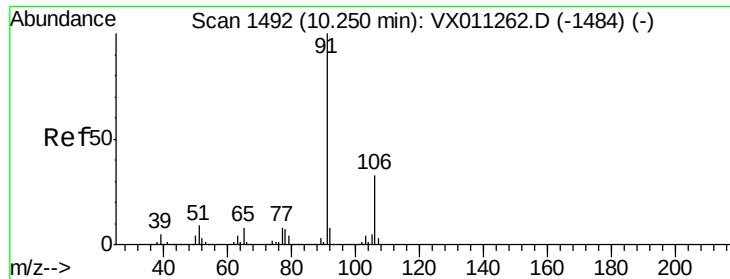
Tgt Ion:112 Resp: 234206
Ion Ratio Lower Upper
112 100
114 31.9 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 52.507 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX011470.D
Acq: 12 Aug 2019 07:24

Tgt Ion:131 Resp: 88419
Ion Ratio Lower Upper
131 100
133 94.5 47.7 143.1
119 63.0 32.8 98.3





#67

Ethyl Benzene

Concen: 48.993 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX011470.D

Acq: 12 Aug 2019 07:24

Instrument :

MSVOA_X

ClientSampleId :

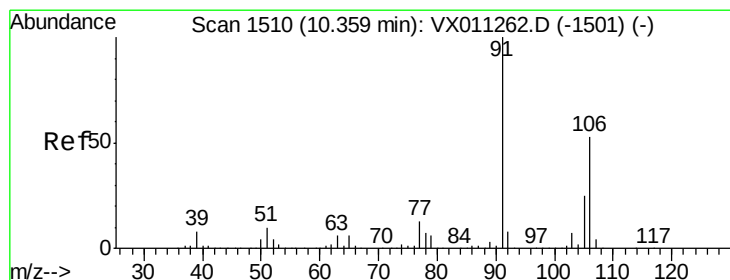
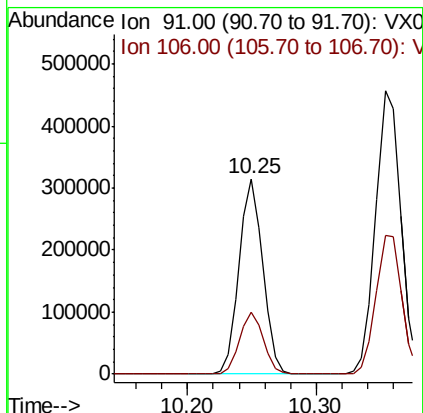
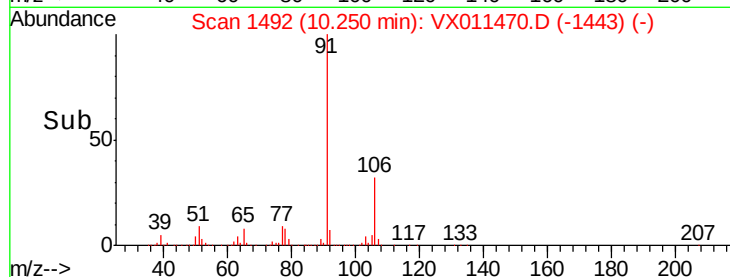
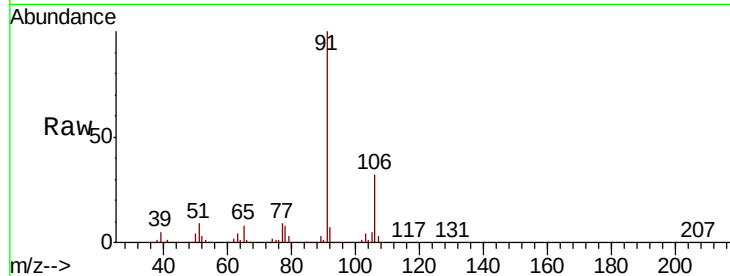
VSTDCCC050EC

Tgt Ion: 91 Resp: 403587

Ion Ratio Lower Upper

91 100

106 32.0 26.2 39.4



#68

m/p-Xylenes

Concen: 97.136 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX011470.D

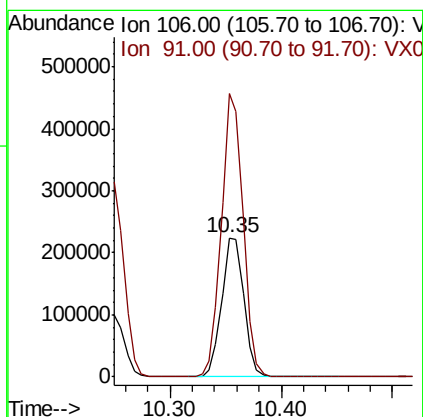
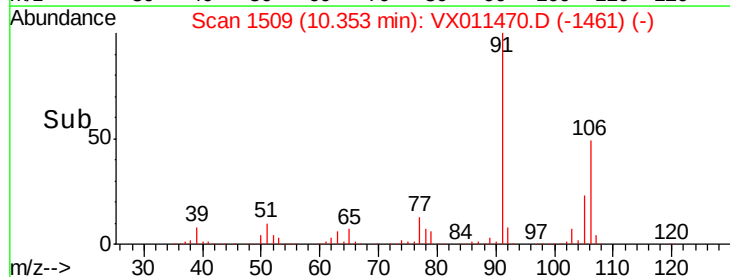
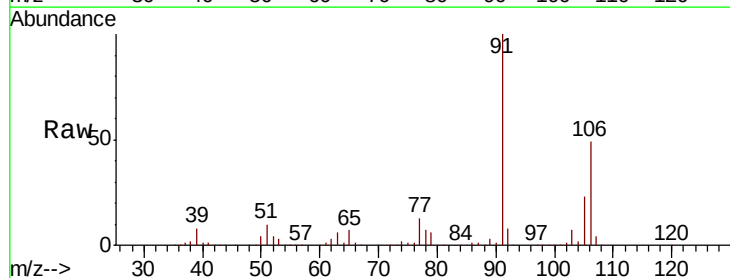
Acq: 12 Aug 2019 07:24

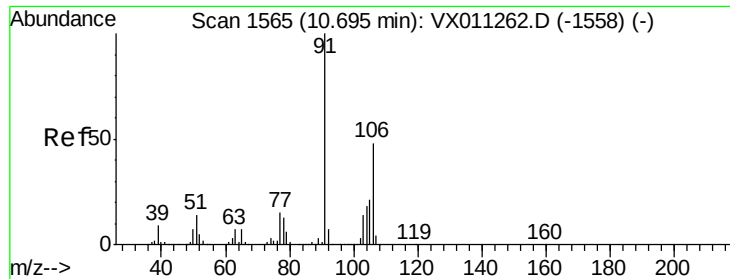
Tgt Ion: 106 Resp: 309505

Ion Ratio Lower Upper

106 100

91 198.9 155.9 233.9

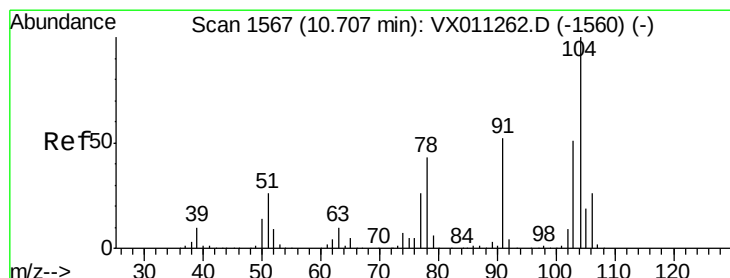
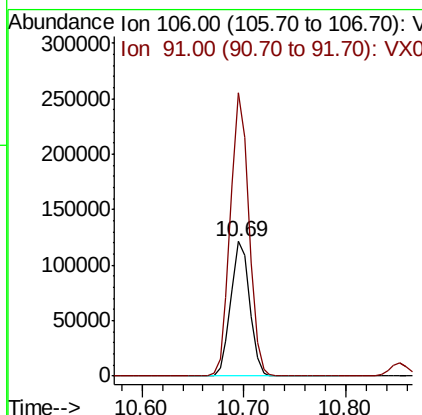
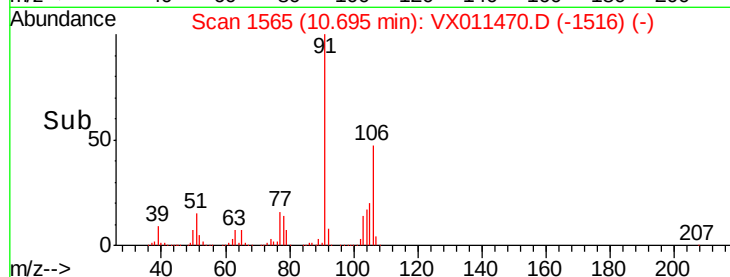
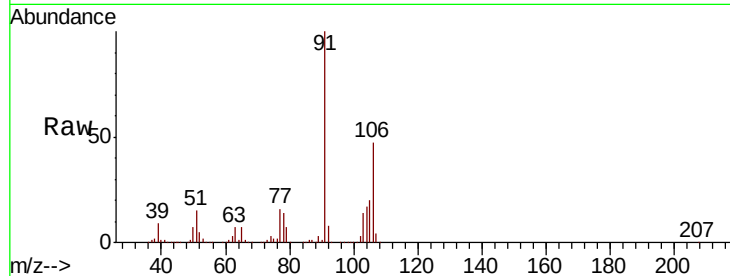




#69
o-Xylene
Concen: 49.312 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011470.D
Acq: 12 Aug 2019 07:24

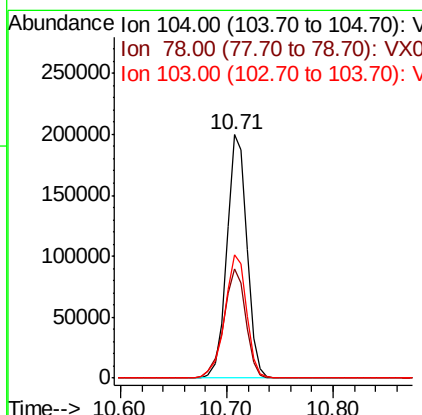
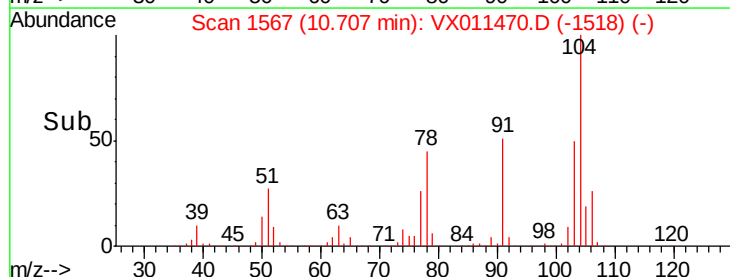
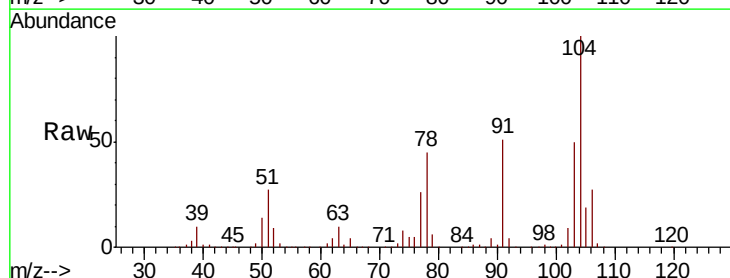
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

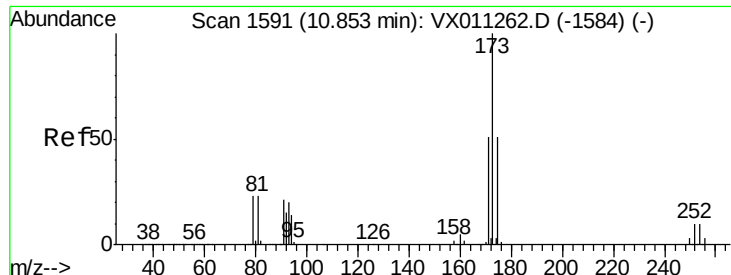
Tgt Ion:106 Resp: 154381
Ion Ratio Lower Upper
106 100
91 207.1 103.8 311.3



#70
Styrene
Concen: 50.867 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX011470.D
Acq: 12 Aug 2019 07:24

Tgt Ion:104 Resp: 263499
Ion Ratio Lower Upper
104 100
78 49.2 36.9 55.3
103 54.9 44.4 66.6





#71

Bromoform

Concen: 48.054 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011470.D

Acq: 12 Aug 2019 07:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

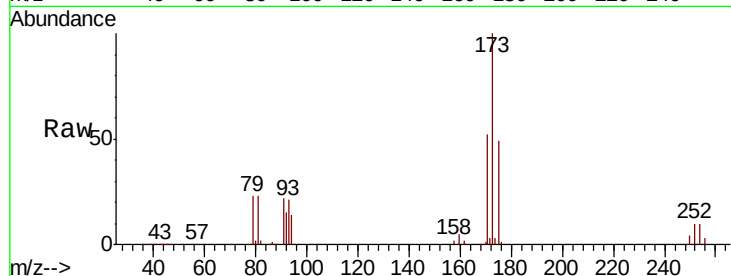
Tgt Ion:173 Resp: 72177

Ion Ratio Lower Upper

173 100

175 48.1 24.4 73.4

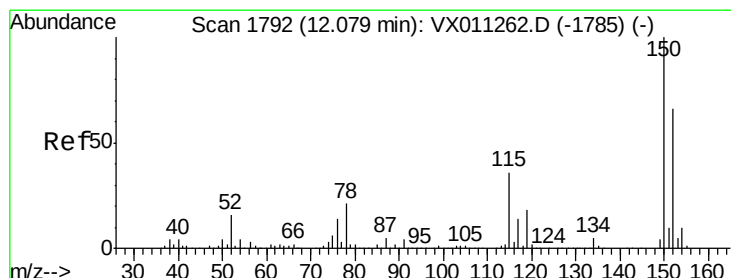
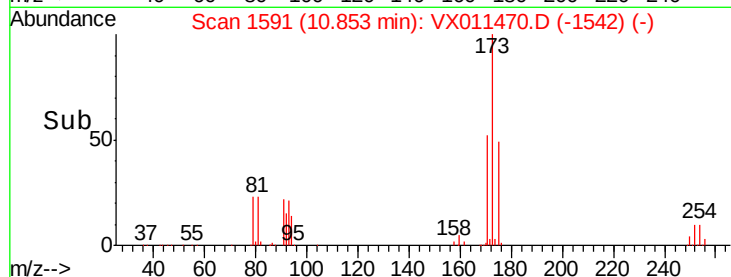
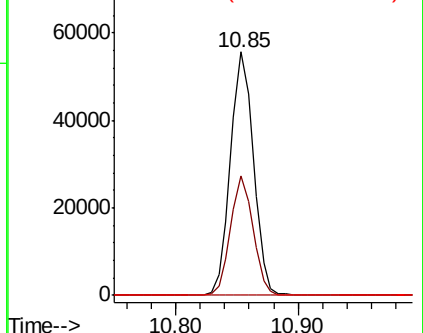
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX011470.D

Acq: 12 Aug 2019 07:24

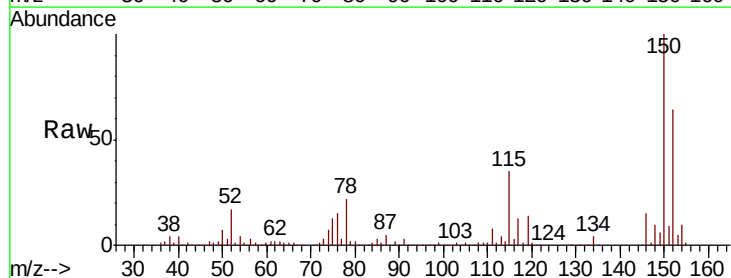
Tgt Ion:152 Resp: 123637

Ion Ratio Lower Upper

152 100

115 80.3 40.0 119.9

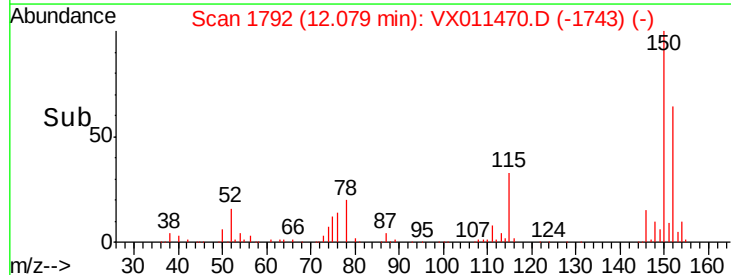
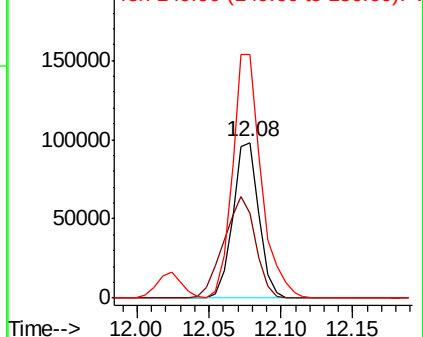
150 173.6 0.0 350.4

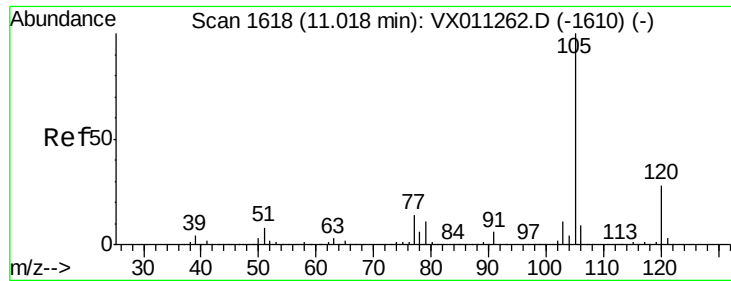


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

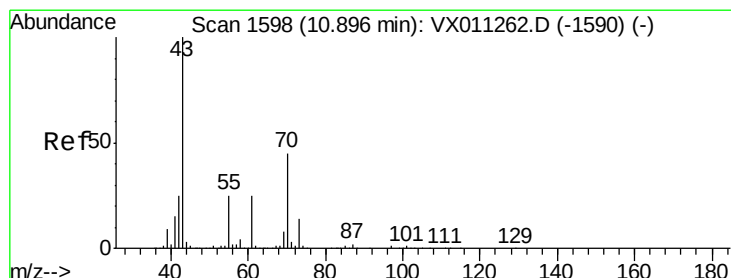
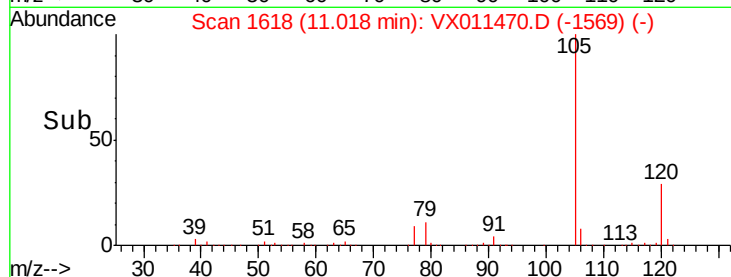
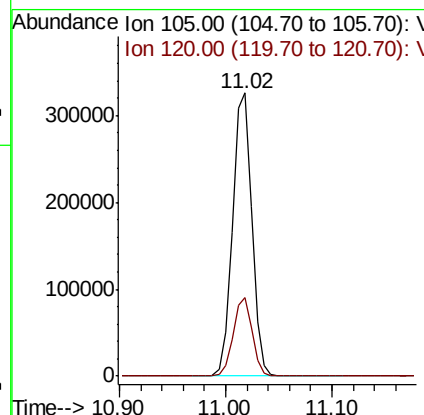
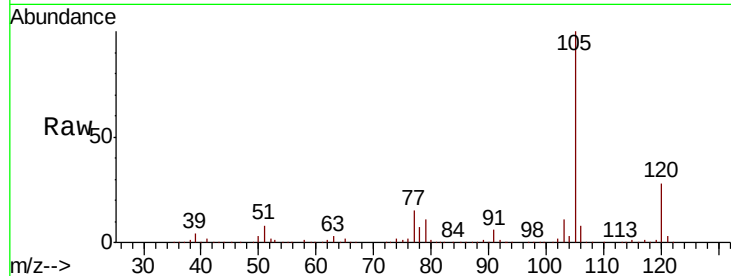




#73
Isopropylbenzene
Concen: 49.066 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX011470.D
Acq: 12 Aug 2019 07:24

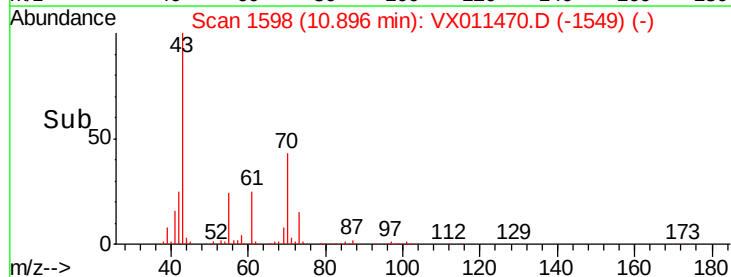
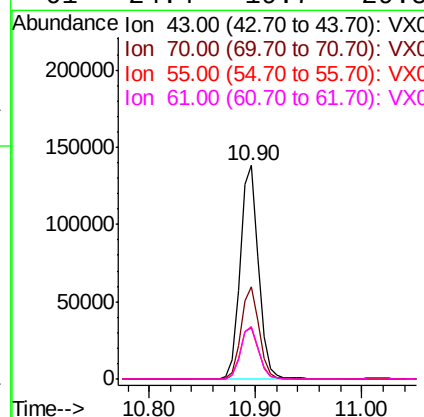
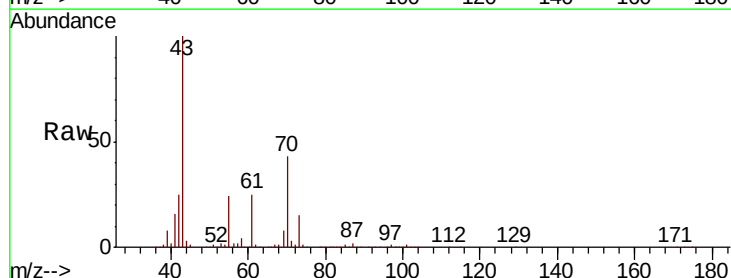
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

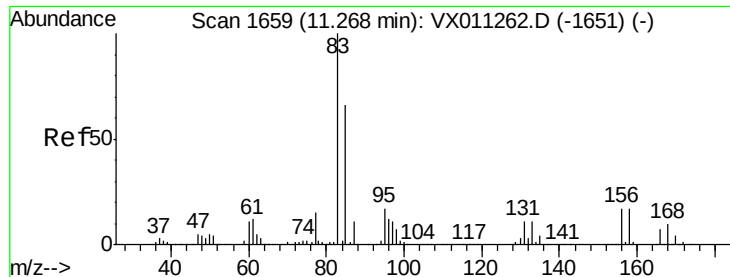
Tgt Ion: 105 Resp: 414894
Ion Ratio Lower Upper
105 100
120 27.2 13.7 41.1



#74
N-ethyl acetate
Concen: 54.341 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VX011470.D
Acq: 12 Aug 2019 07:24

Tgt Ion: 43 Resp: 166031
Ion Ratio Lower Upper
43 100
70 43.1 35.9 53.9
55 24.6 19.8 29.6
61 24.4 19.7 29.5

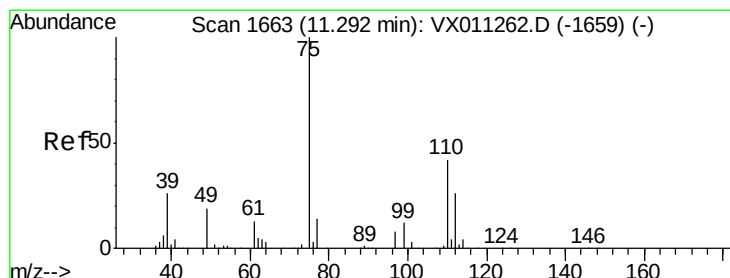
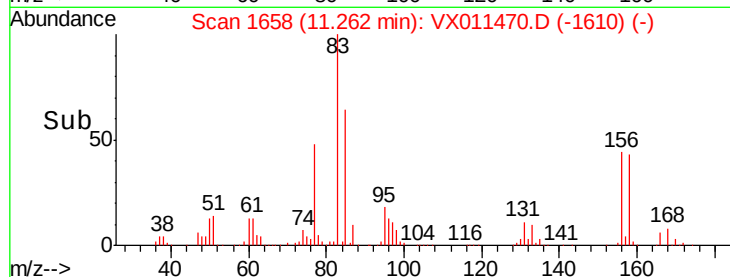
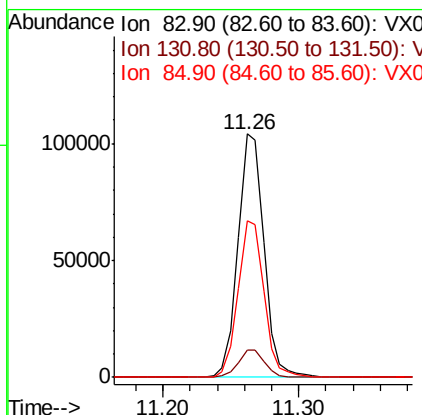
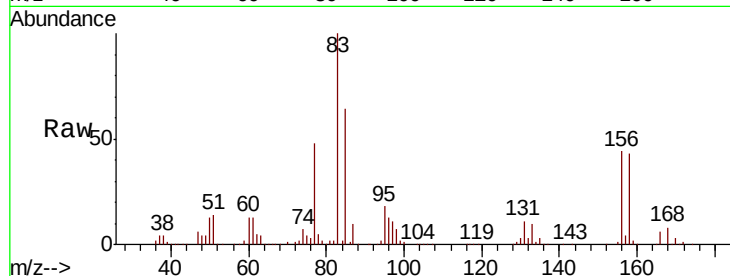




#75
 1,1,2,2-Tetrachloroethane
 Concen: 49.295 ug/l
 RT: 11.26 min Scan# 1658
 Delta R.T. -0.01 min
 Lab File: VX011470.D
 Acq: 12 Aug 2019 07:24

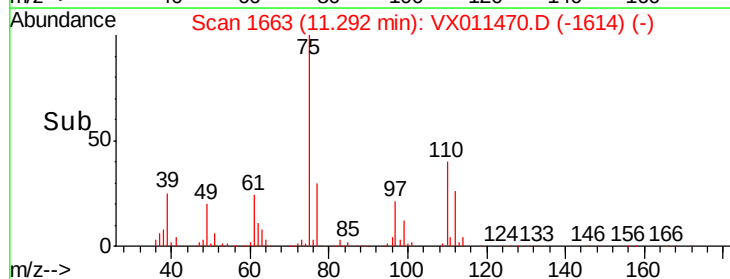
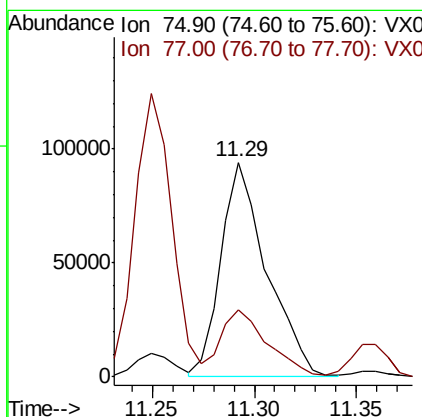
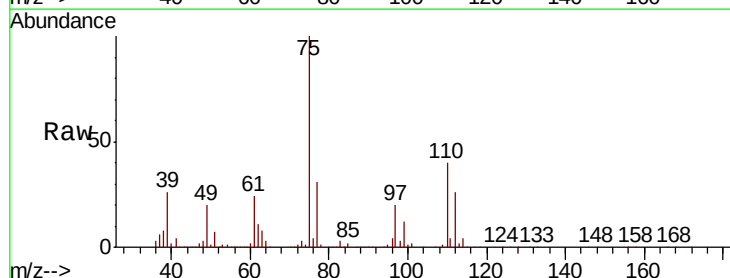
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

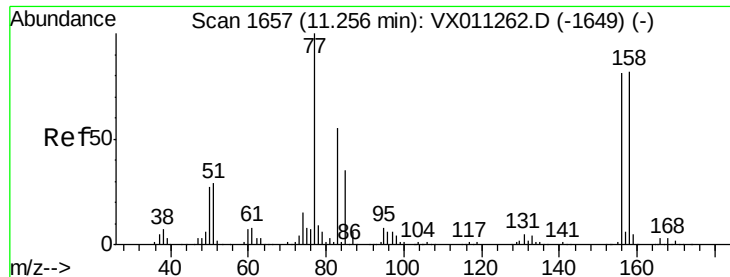
Tgt Ion: 83 Resp: 138910
 Ion Ratio Lower Upper
 83 100
 131 11.5 5.6 16.8
 85 64.5 32.1 96.5



#76
 1,2,3-Trichloropropane
 Concen: 65.280 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: VX011470.D
 Acq: 12 Aug 2019 07:24

Tgt Ion: 75 Resp: 146984
 Ion Ratio Lower Upper
 75 100
 77 31.8 21.1 63.4





#77

Bromobenzene

Concen: 48.192 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX011470.D

Acq: 12 Aug 2019 07:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

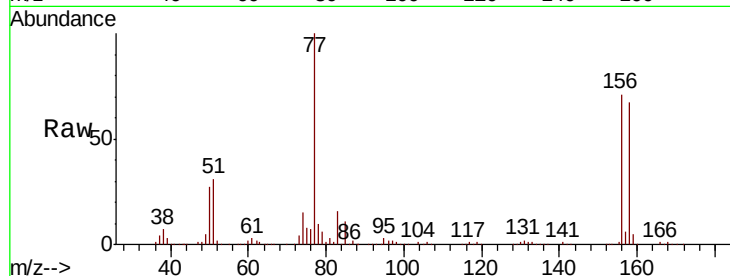
Tgt Ion:156 Resp: 113000

Ion Ratio Lower Upper

156 100

77 139.0 66.2 198.6

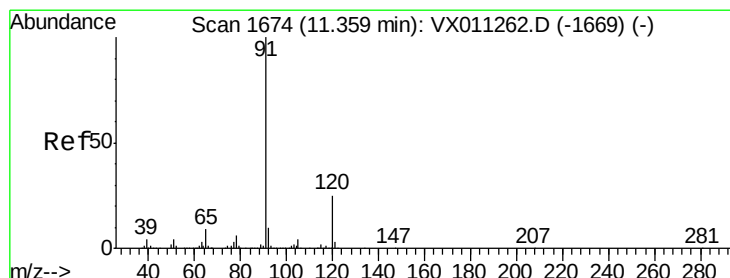
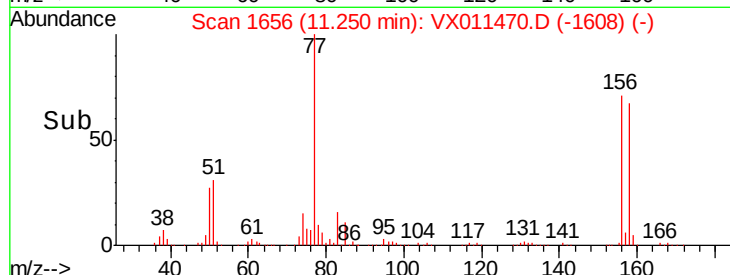
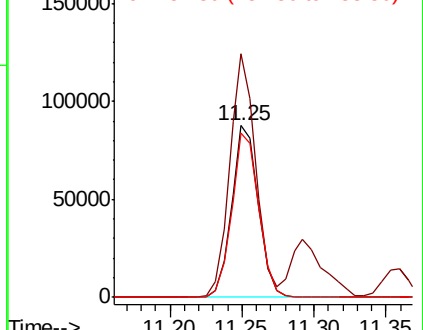
158 96.8 49.1 147.3



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: 48.306 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011470.D

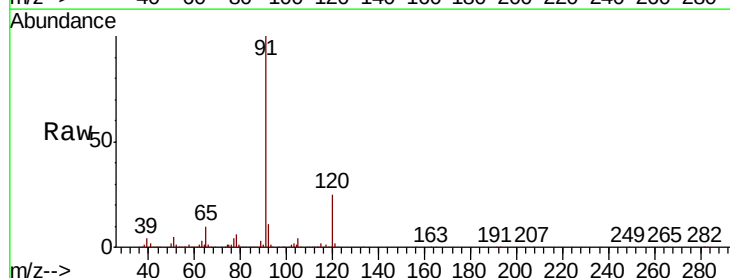
Acq: 12 Aug 2019 07:24

Tgt Ion: 91 Resp: 454246

Ion Ratio Lower Upper

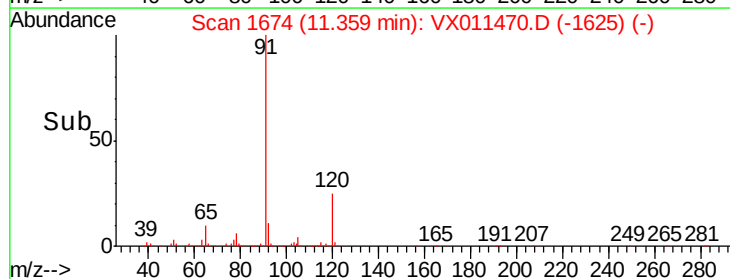
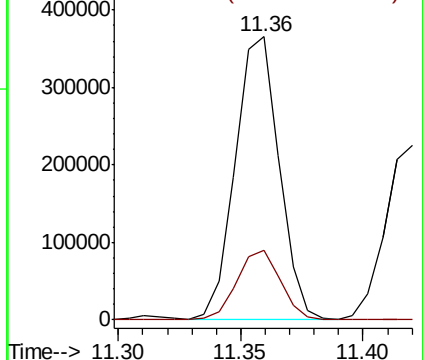
91 100

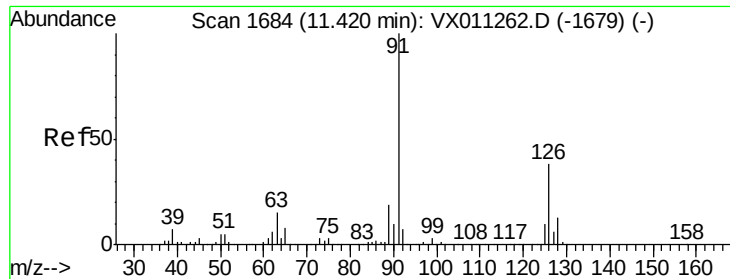
120 24.5 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

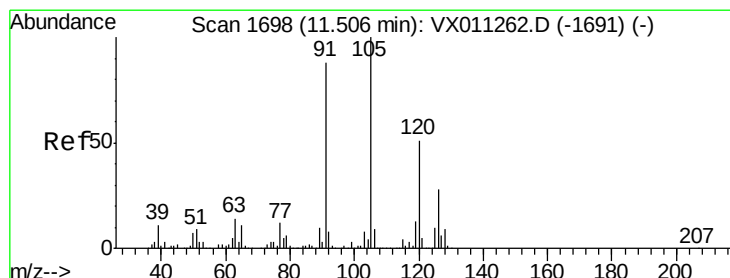
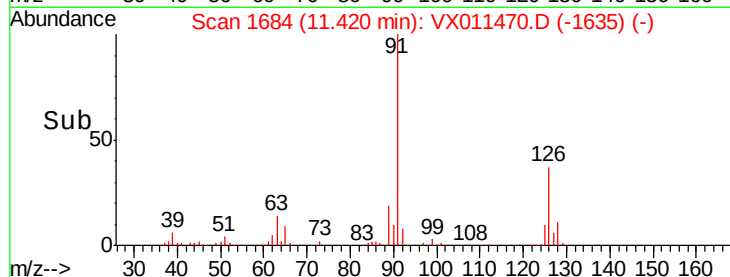
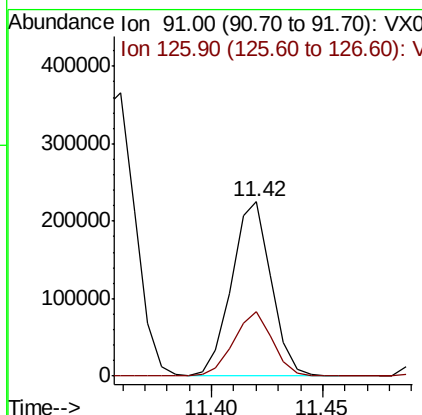
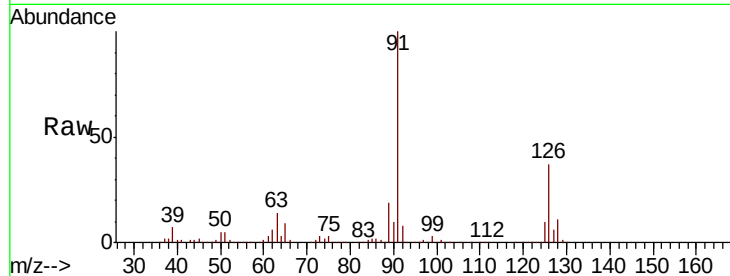




#79
 2-Chlorotoluene
 Concen: 49.517 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX011470.D
 Acq: 12 Aug 2019 07:24

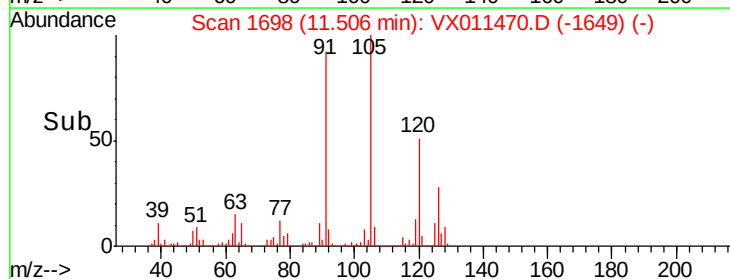
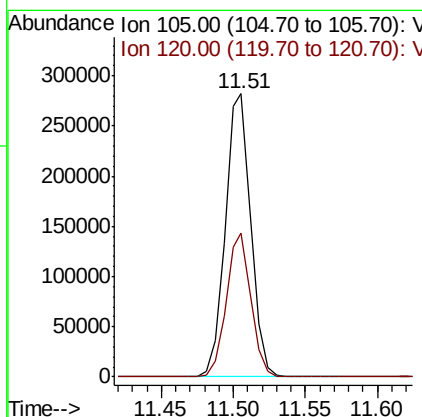
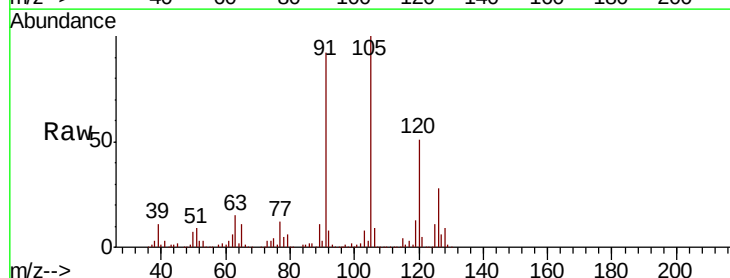
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

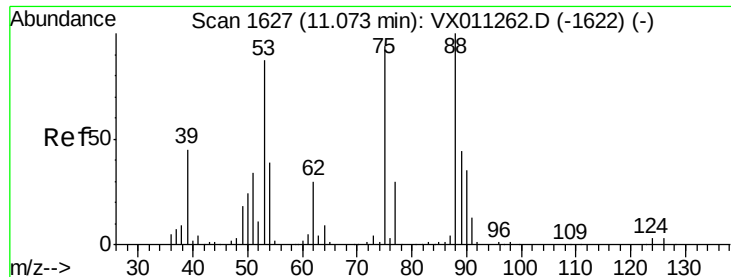
Tgt Ion: 91 Resp: 277533
 Ion Ratio Lower Upper
 91 100
 126 36.2 18.5 55.5



#80
 1,3,5-Trimethylbenzene
 Concen: 49.508 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX011470.D
 Acq: 12 Aug 2019 07:24

Tgt Ion: 105 Resp: 350440
 Ion Ratio Lower Upper
 105 100
 120 49.3 25.1 75.2





#81

trans-1,4-Dichloro-2-butene

Concen: 39.557 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX011470.D

Acq: 12 Aug 2019 07:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

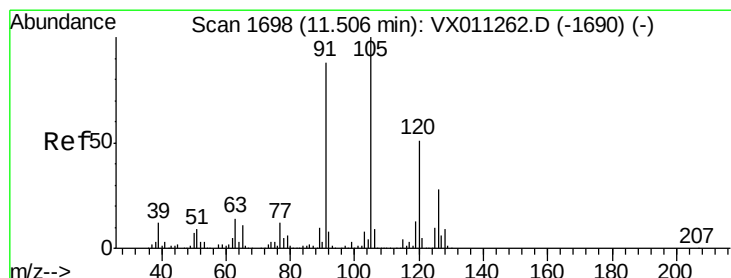
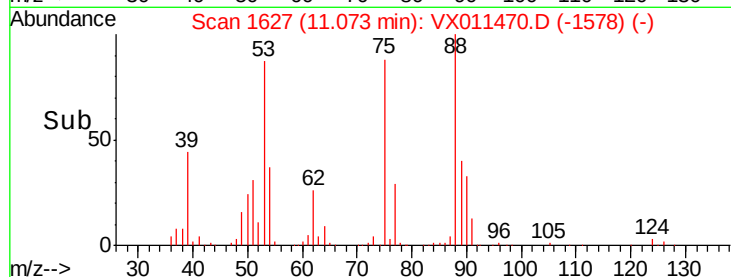
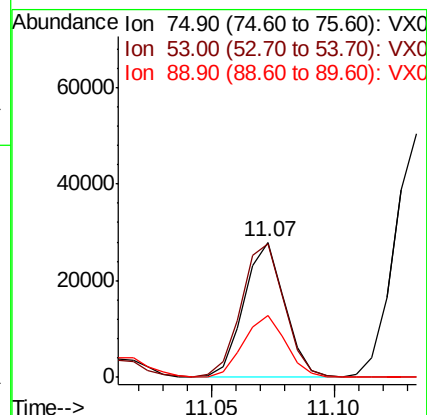
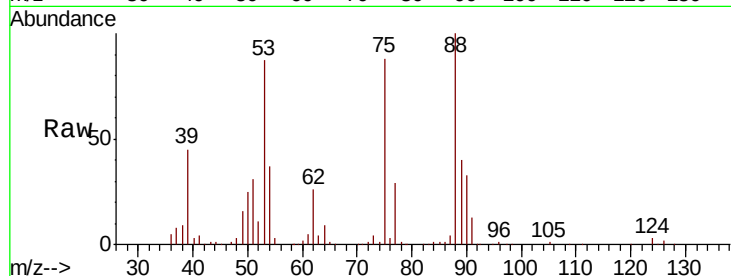
Tgt Ion: 75 Resp: 32478

Ion Ratio Lower Upper

75 100

53 105.2 78.2 117.4

89 47.5 37.9 56.9



#82

4-Chlorotoluene

Concen: 49.972 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011470.D

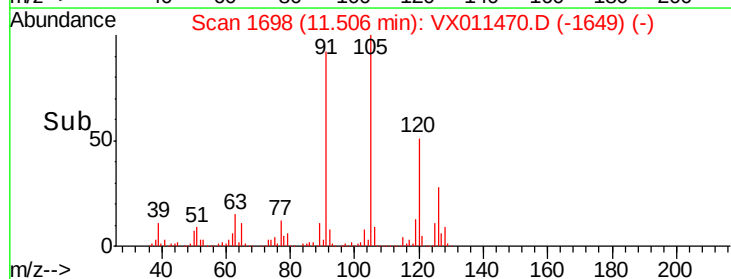
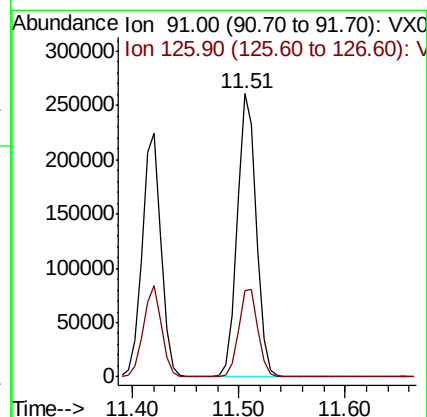
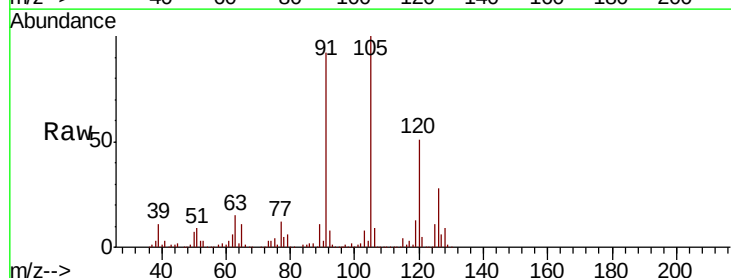
Acq: 12 Aug 2019 07:24

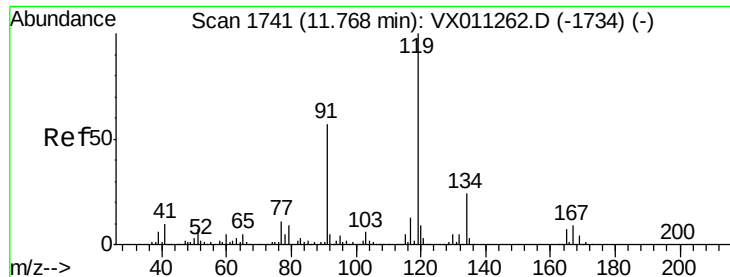
Tgt Ion: 91 Resp: 326410

Ion Ratio Lower Upper

91 100

126 31.3 16.4 49.2

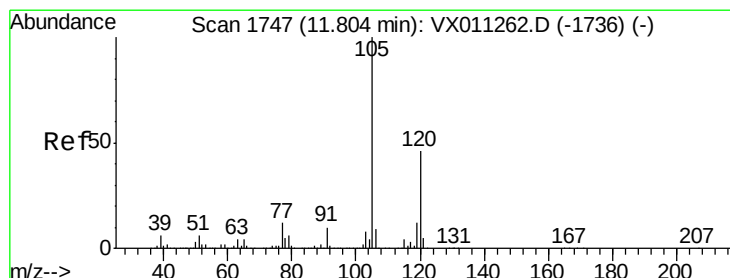
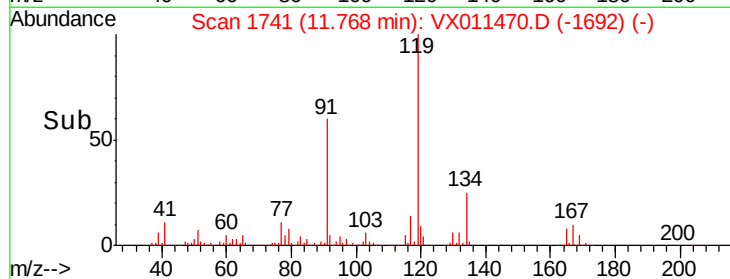
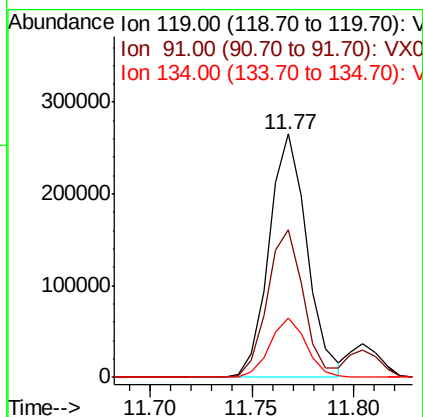
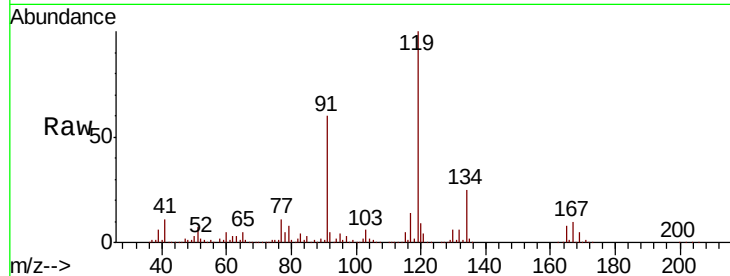




#83
 tert-Butylbenzene
 Concen: 49.576 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX011470.D
 Acq: 12 Aug 2019 07:24

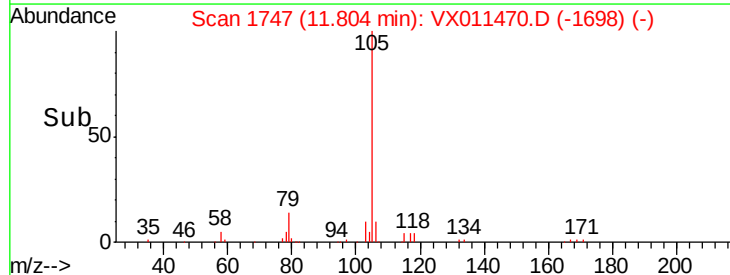
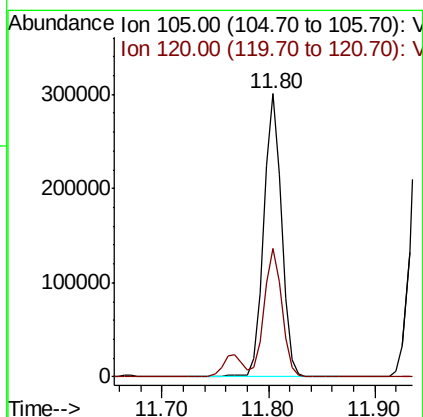
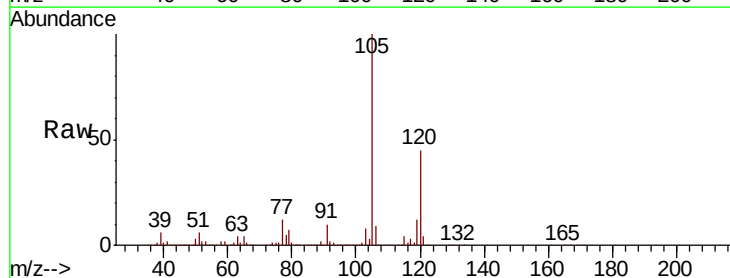
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

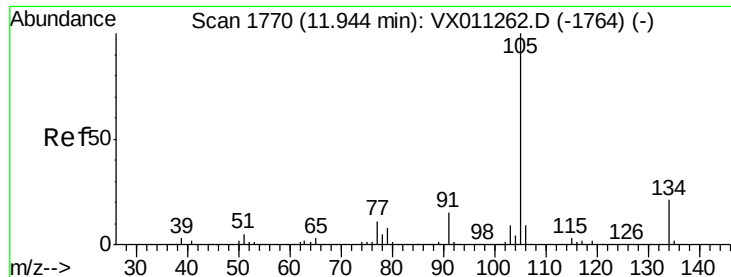
Tgt Ion:119 Resp: 344178
 Ion Ratio Lower Upper
 119 100
 91 58.4 28.0 84.0
 134 23.4 11.9 35.5



#84
 1,2,4-Trimethylbenzene
 Concen: 50.049 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX011470.D
 Acq: 12 Aug 2019 07:24

Tgt Ion:105 Resp: 352720
 Ion Ratio Lower Upper
 105 100
 120 45.4 23.0 69.0





#85

sec-Butylbenzene

Concen: 48.376 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011470.D

Acq: 12 Aug 2019 07:24

Instrument :

MSVOA_X

ClientSampleId :

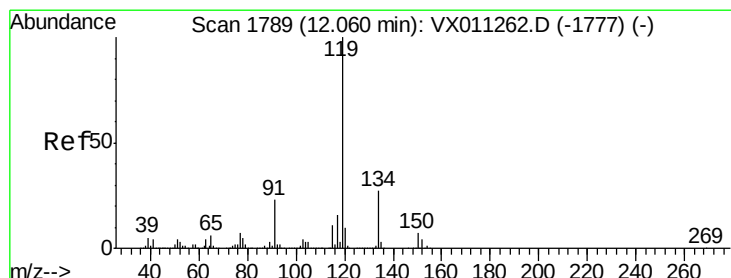
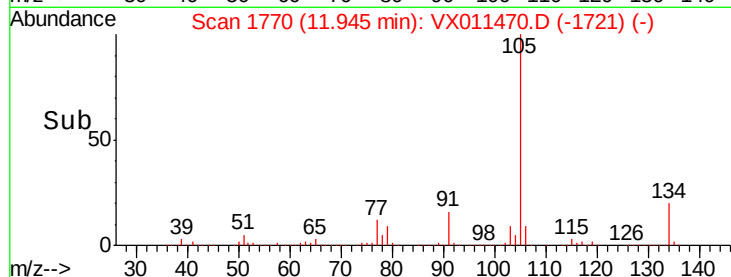
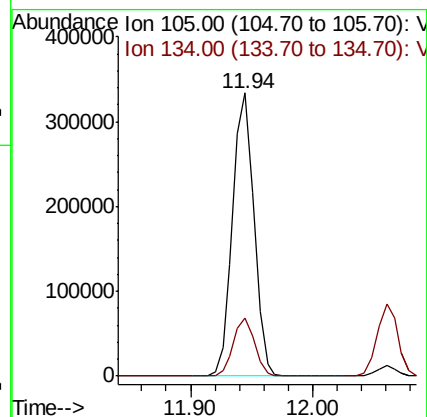
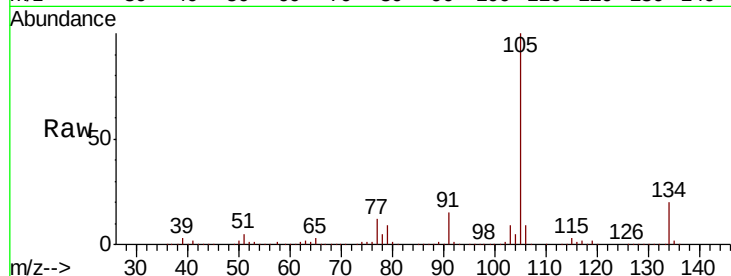
VSTDCCC050EC

Tgt Ion:105 Resp: 403503

Ion Ratio Lower Upper

105 100

134 20.3 10.4 31.4



#86

p-Isopropyltoluene

Concen: 48.881 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX011470.D

Acq: 12 Aug 2019 07:24

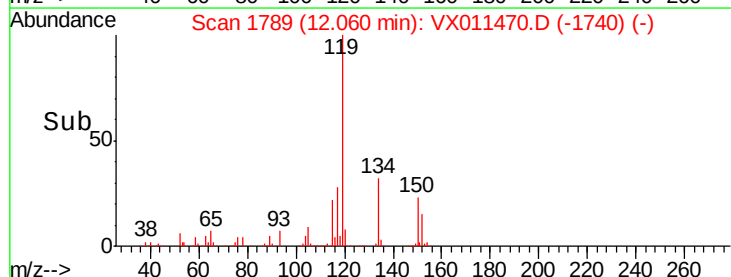
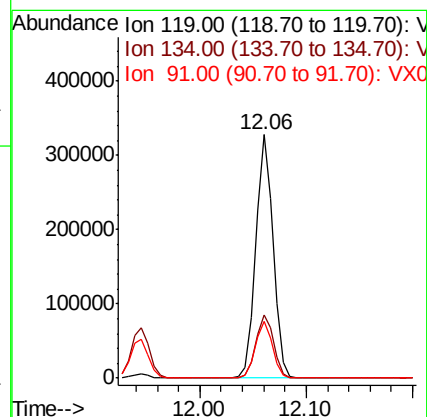
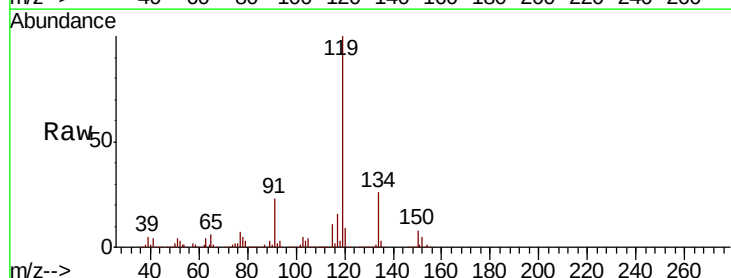
Tgt Ion:119 Resp: 375084

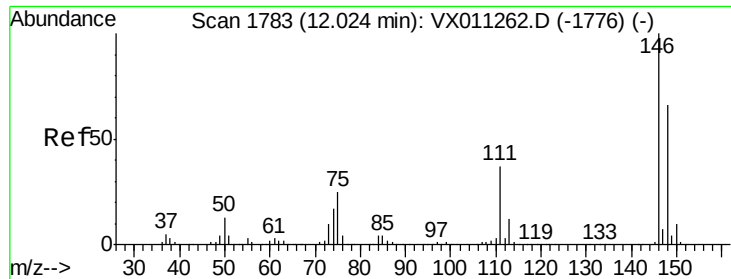
Ion Ratio Lower Upper

119 100

134 26.9 13.7 41.0

91 23.1 11.4 34.2

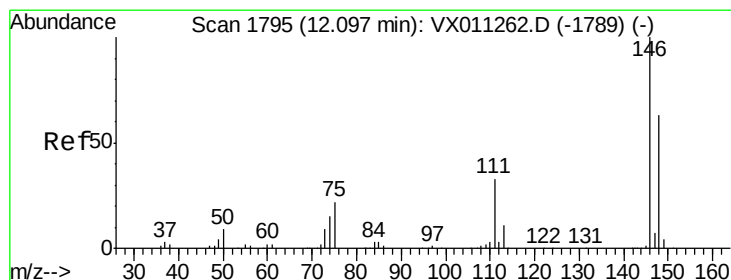
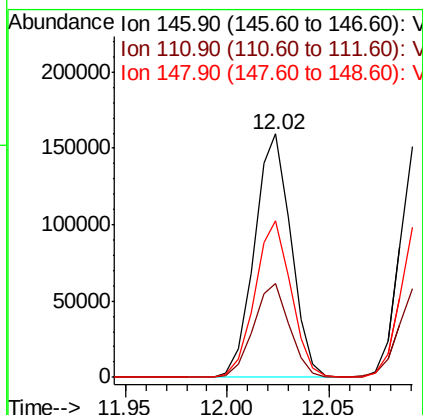
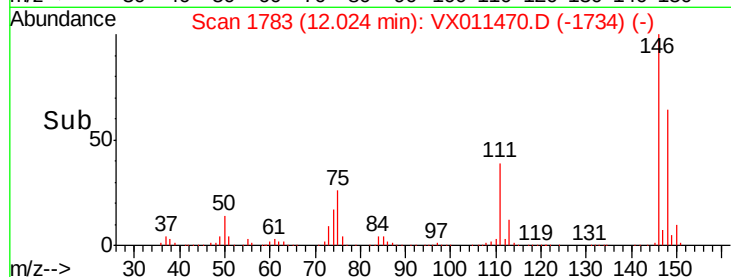
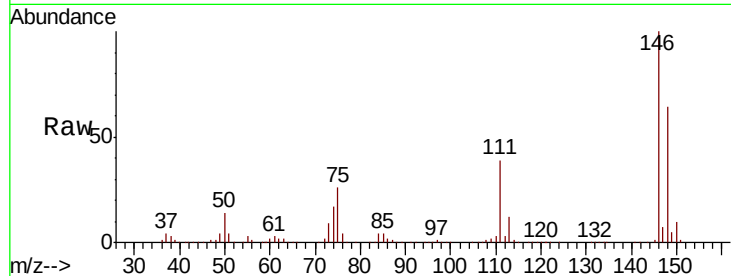




#87
 1,3-Dichlorobenzene
 Concen: 47.868 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX011470.D
 Acq: 12 Aug 2019 07:24

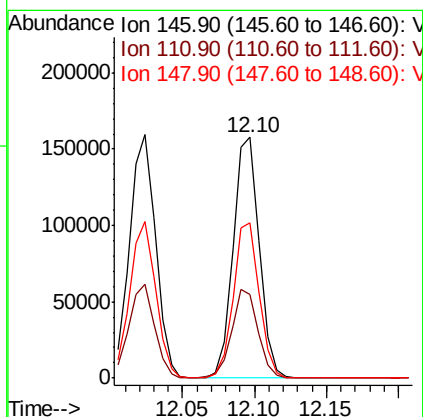
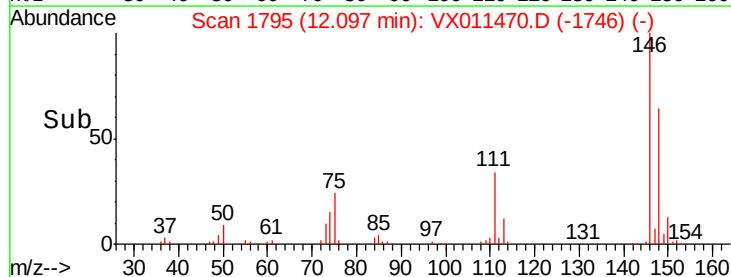
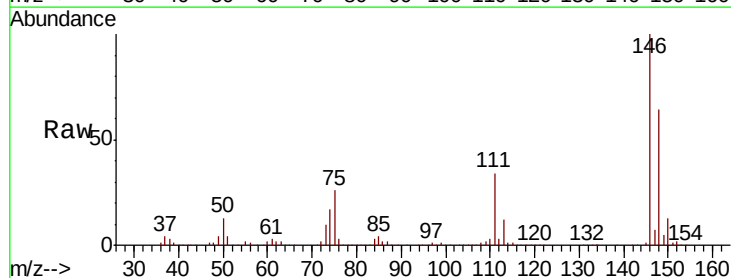
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

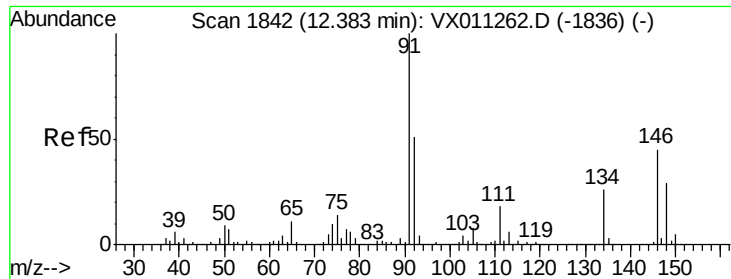
Tgt Ion:146 Resp: 198318
 Ion Ratio Lower Upper
 146 100
 111 38.4 18.6 55.8
 148 63.7 32.5 97.5



#88
 1,4-Dichlorobenzene
 Concen: 46.756 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX011470.D
 Acq: 12 Aug 2019 07:24

Tgt Ion:146 Resp: 199746
 Ion Ratio Lower Upper
 146 100
 111 37.2 17.8 53.4
 148 64.4 31.8 95.3

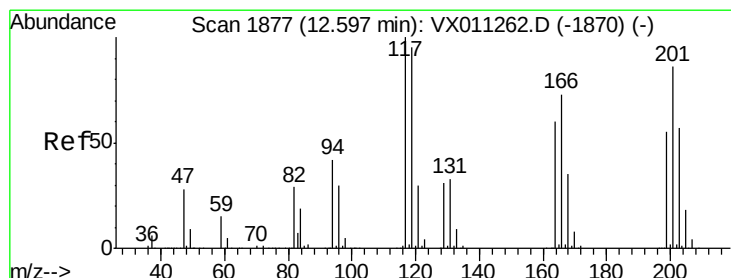
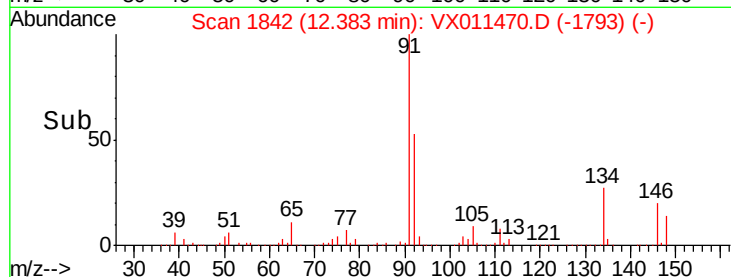
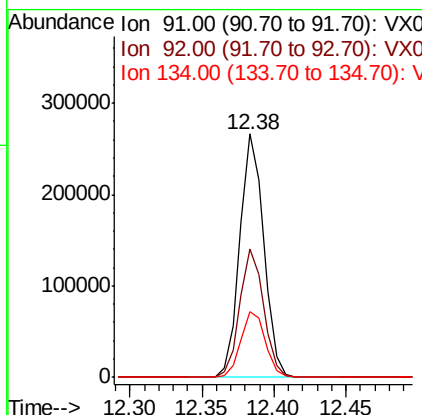
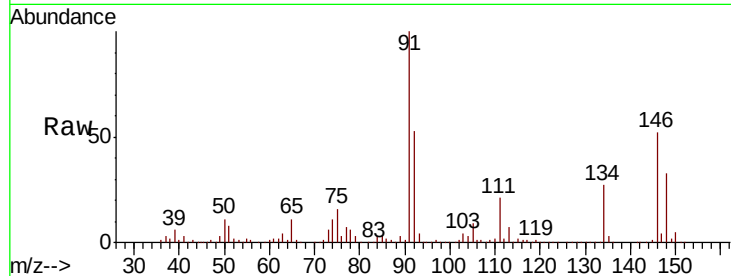




#89
n-Butylbenzene
Concen: 46.640 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011470.D
Acq: 12 Aug 2019 07:24

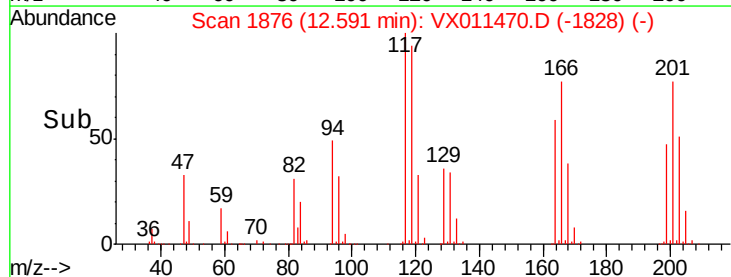
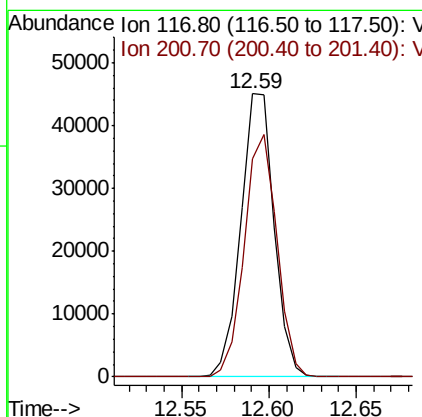
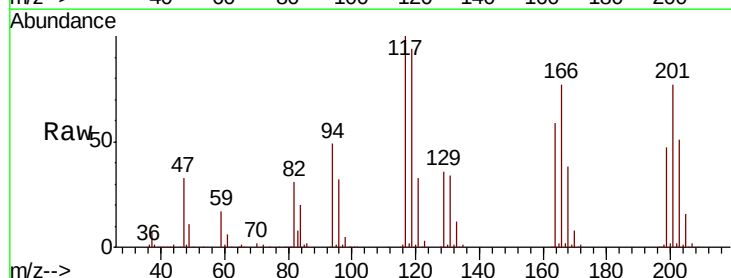
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

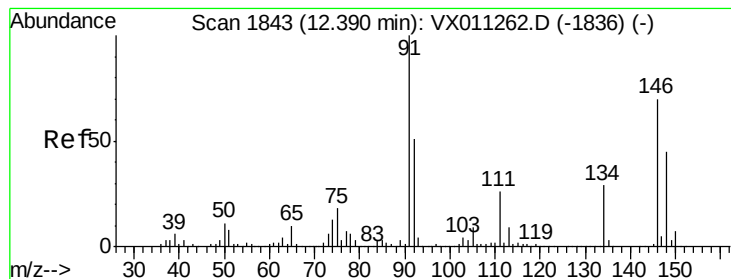
Tgt Ion: 91 Resp: 308335
Ion Ratio Lower Upper
91 100
92 52.6 25.8 77.3
134 27.5 13.7 41.0



#90
Hexachloroethane
Concen: 52.517 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX011470.D
Acq: 12 Aug 2019 07:24

Tgt Ion: 117 Resp: 59579
Ion Ratio Lower Upper
117 100
201 84.0 41.8 125.4





#91

1,2-Dichlorobenzene

Concen: 47.811 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX011470.D

Acq: 12 Aug 2019 07:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

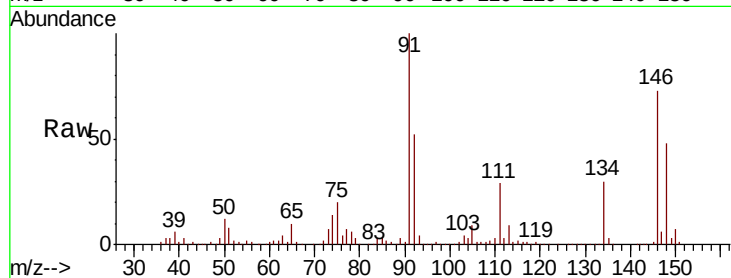
Tgt Ion: 146 Resp: 199025

Ion Ratio Lower Upper

146 100

111 39.6 19.1 57.1

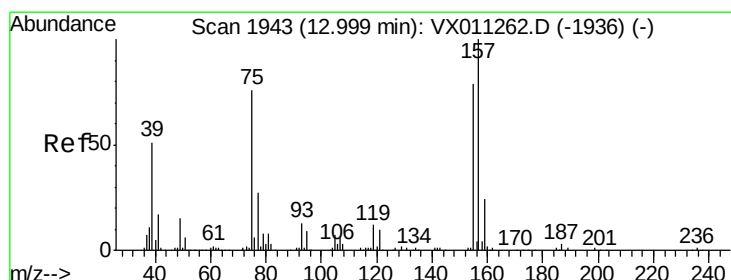
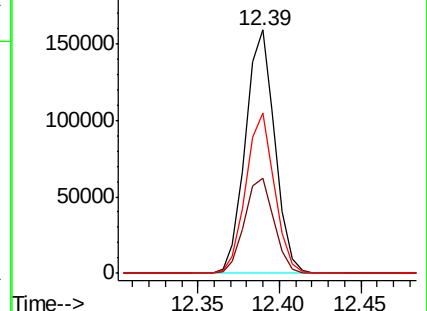
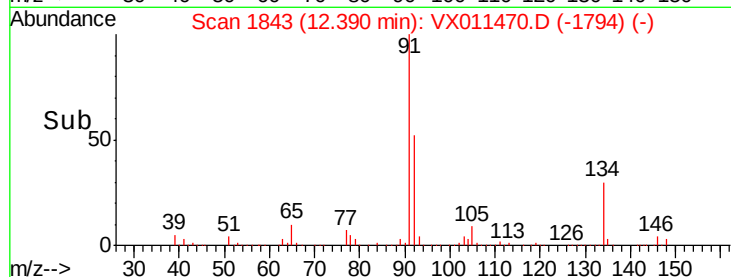
148 64.2 32.3 96.8



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 55.174 ug/l

RT: 12.99 min Scan# 1942

Delta R.T. -0.01 min

Lab File: VX011470.D

Acq: 12 Aug 2019 07:24

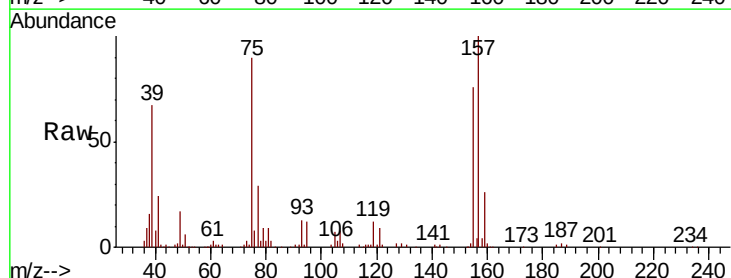
Tgt Ion: 75 Resp: 30122

Ion Ratio Lower Upper

75 100

155 92.5 51.9 155.8

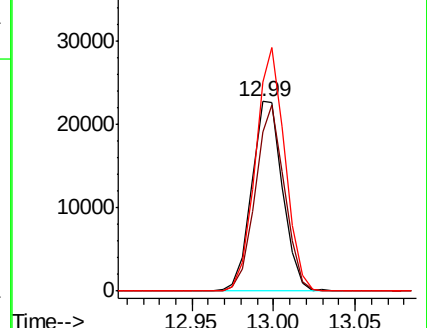
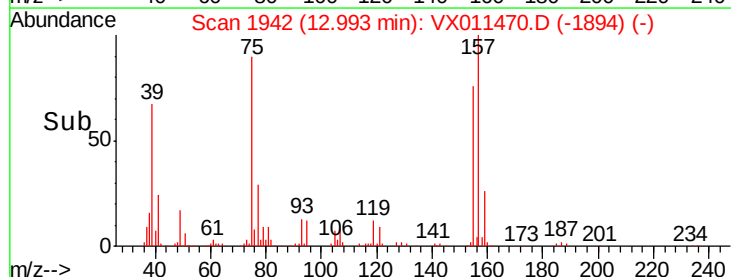
157 122.0 64.3 192.7

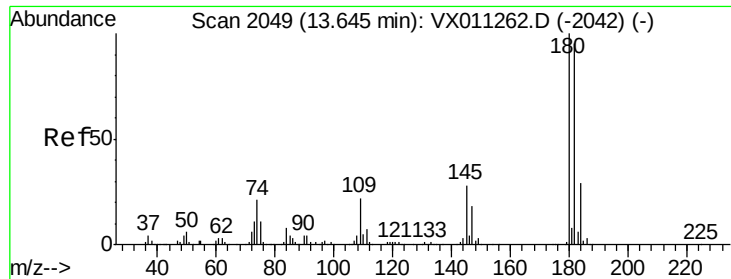


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

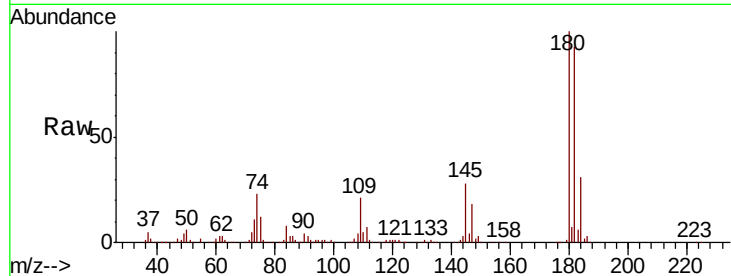




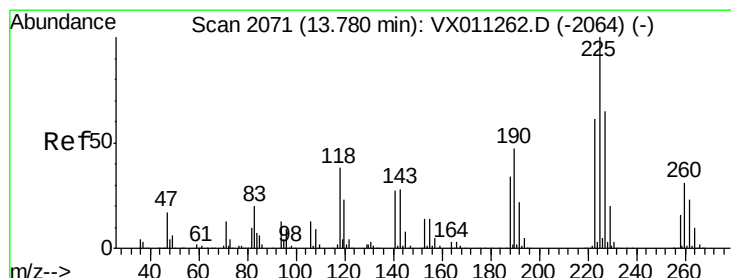
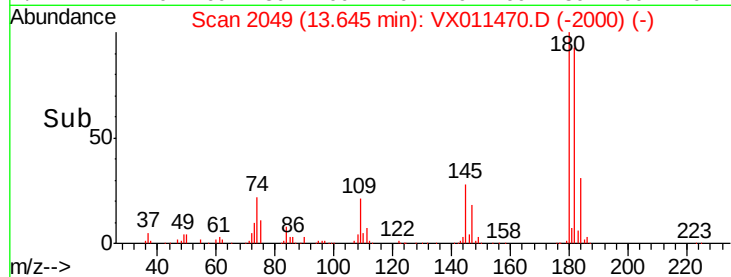
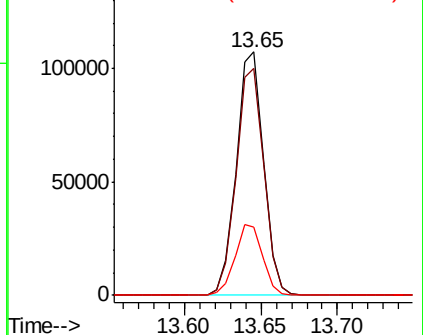
#93
 1,2,4-Trichlorobenzene
 Concen: 47.916 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX011470.D
 Acq: 12 Aug 2019 07:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:180 Resp: 132281
 Ion Ratio Lower Upper
 180 100
 182 94.5 47.8 143.4
 145 29.5 14.8 44.3

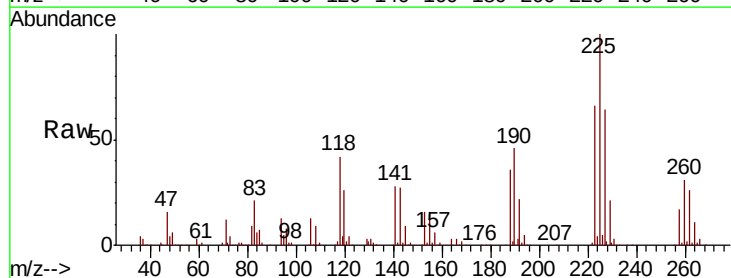


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

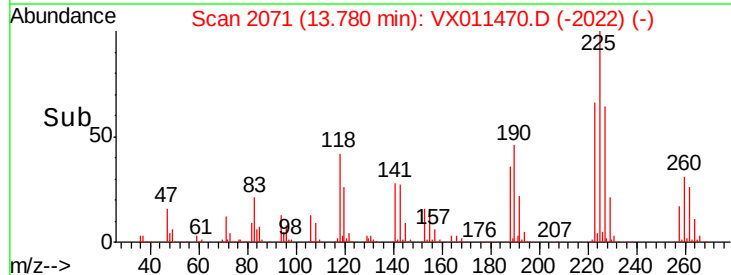
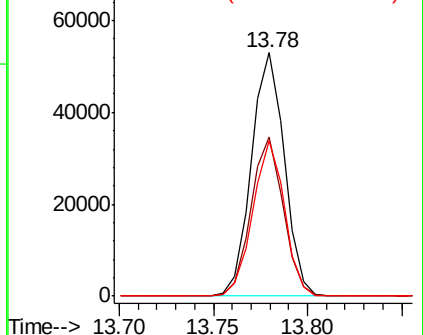


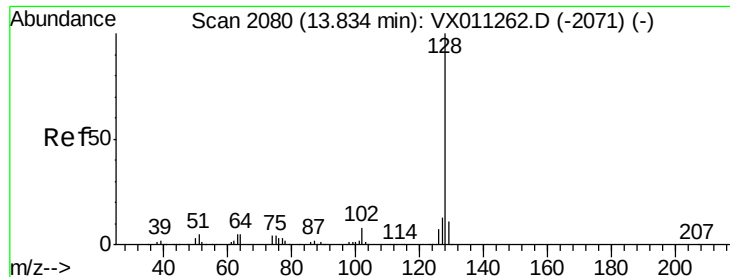
#94
 Hexachlorobutadiene
 Concen: 45.829 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX011470.D
 Acq: 12 Aug 2019 07:24

Tgt Ion:225 Resp: 64190
 Ion Ratio Lower Upper
 225 100
 223 64.1 31.0 93.0
 227 61.5 32.2 96.6



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

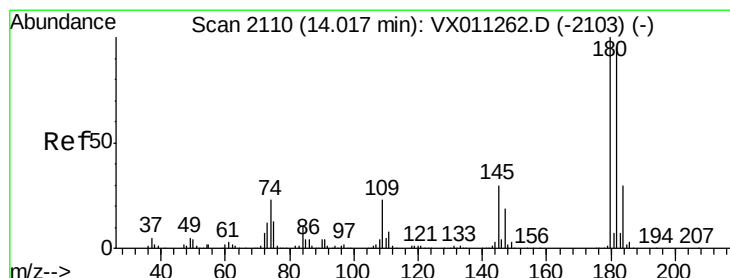
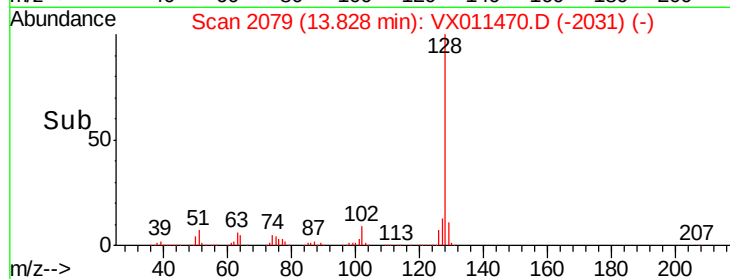
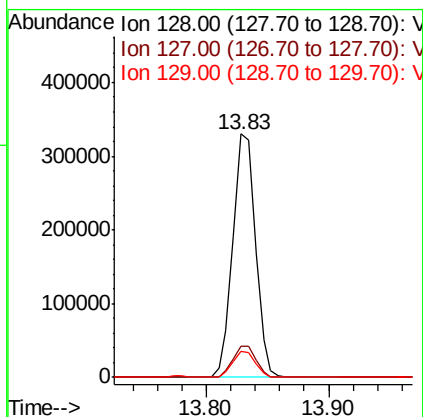
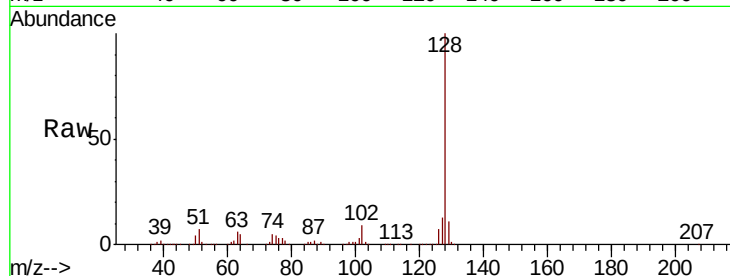




#95
Naphthalene
Concen: 52.273 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX011470.D
Acq: 12 Aug 2019 07:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 422013
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.8 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 47.971 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX011470.D
Acq: 12 Aug 2019 07:24

Tgt Ion:180 Resp: 134634
Ion Ratio Lower Upper
180 100
182 95.0 47.4 142.3
145 31.5 15.2 45.6

