

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081219\
 Data File : VX011497.D
 Acq On : 12 Aug 2019 20:33
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 13 07:43:16 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	154341	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	230350	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	220364	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	114342	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	87546	56.33	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	112.66%	
35) Dibromofluoromethane	5.49	113	75871	50.45	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.90%	
50) Toluene-d8	8.71	98	274578	48.37	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.74%	
62) 4-Bromofluorobenzene	11.13	95	104853	51.73	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	55150	46.265	ug/l	98
3) Chloromethane	1.32	50	57701	43.105	ug/l	99
4) Vinyl Chloride	1.40	62	62941	42.745	ug/l	99
5) Bromomethane	1.63	94	47910	45.622	ug/l	98
6) Chloroethane	1.71	64	44149	48.343	ug/l	98
7) Trichlorofluoromethane	1.92	101	117237	44.779	ug/l	96
8) Diethyl Ether	2.18	74	41437	44.324	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	67794	47.856	ug/l	96
10) Methyl Iodide	2.50	142	82916	46.426	ug/l	96
11) Tert butyl alcohol	3.04	59	86213	278.159	ug/l	100
12) 1,1-Dichloroethene	2.36	96	64433	45.884	ug/l	87
13) Acrolein	2.29	56	41890	217.426	ug/l	98
14) Allyl chloride	2.72	41	100550	53.711	ug/l	96
15) Acrylonitrile	3.14	53	199380	269.572	ug/l	99
16) Acetone	2.44	43	174237	235.514	ug/l	97
17) Carbon Disulfide	2.56	76	143869	43.659	ug/l	99
18) Methyl Acetate	2.76	43	95617	56.555	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	226918	54.834	ug/l	98
20) Methylene Chloride	2.85	84	76856	47.435	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	69881	47.044	ug/l	91
22) Diisopropyl ether	3.85	45	217267	52.806	ug/l	98
23) Vinyl Acetate	3.81	43	953089	279.288	ug/l	98
24) 1,1-Dichloroethane	3.69	63	126045	51.953	ug/l	99
25) 2-Butanone	4.67	43	279480	265.568	ug/l	98
26) 2,2-Dichloropropane	4.57	77	89633	47.526	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	84557	49.420	ug/l	98
28) Bromochloromethane	5.01	49	60438	54.643	ug/l	95
29) Tetrahydrofuran	5.12	42	174783	270.868	ug/l	99
30) Chloroform	5.20	83	140707	53.361	ug/l	96
31) Cyclohexane	5.57	56	95874	47.898	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	124046	54.915	ug/l	100
36) 1,1-Dichloropropene	5.79	75	96568	48.016	ug/l	99
37) Ethyl Acetate	4.82	43	104360	51.731	ug/l	99
38) Carbon Tetrachloride	5.78	117	108336	53.542	ug/l	95

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	104298	43.751	ug/l	96
40) Benzene	6.14	78	294079	49.001	ug/l	97
41) Methacrylonitrile	5.04	41	58406	53.013	ug/l	97
42) 1,2-Dichloroethane	6.19	62	111392	54.889	ug/l	97
43) Isopropyl Acetate	6.44	43	170170	52.761	ug/l	100
44) Trichloroethene	7.21	130	86549	47.644	ug/l	96
45) 1,2-Dichloropropane	7.51	63	76215	49.036	ug/l	97
46) Dibromomethane	7.66	93	55902	49.268	ug/l	97
47) Bromodichloromethane	7.90	83	105443	54.888	ug/l	99
48) Methyl methacrylate	7.77	41	83552	55.046	ug/l	97
49) 1,4-Dioxane	7.73	88	42832	973.363	ug/l	93
51) 4-Methyl-2-Pentanone	8.64	43	574947	276.221	ug/l	99
52) Toluene	8.78	92	197344	49.734	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	109002	48.794	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	118133	52.643	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	84983	52.090	ug/l	98
56) Ethyl methacrylate	9.18	69	126108	54.242	ug/l	96
57) 1,3-Dichloropropane	9.37	76	132497	51.352	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	294133	257.301	ug/l	99
59) 2-Hexanone	9.49	43	438362	271.897	ug/l	99
60) Dibromochloromethane	9.58	129	91930	55.038	ug/l	98
61) 1,2-Dibromoethane	9.67	107	90925	51.585	ug/l	98
64) Tetrachloroethene	9.34	164	85378	45.622	ug/l	95
65) Chlorobenzene	10.13	112	224212	47.453	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	85411	52.802	ug/l	99
67) Ethyl Benzene	10.25	91	385761	48.750	ug/l	100
68) m/p-Xylenes	10.35	106	300995	98.341	ug/l	98
69) o-Xylene	10.69	106	145253	48.300	ug/l	97
70) Styrene	10.71	104	250428	50.327	ug/l	98
71) Bromoform	10.85	173	68502	47.512	ug/l	100
73) Isopropylbenzene	11.02	105	397898	50.881	ug/l	99
74) N-amyl acetate	10.90	43	152527	53.979	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	131153	50.326	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	141178	67.799	ug/l	84
77) Bromobenzene	11.25	156	108517	50.042	ug/l	97
78) n-propylbenzene	11.36	91	438388	50.409	ug/l	99
79) 2-Chlorotoluene	11.42	91	263755	50.885	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	334998	51.174	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	35043	45.396	ug/l	93
82) 4-Chlorotoluene	11.51	91	309094	51.167	ug/l	98
83) tert-Butylbenzene	11.77	119	328788	51.209	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	335202	51.430	ug/l	99
85) sec-Butylbenzene	11.94	105	386877	50.153	ug/l	99
86) p-Isopropyltoluene	12.06	119	359842	50.707	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	188285	49.141	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	189554	47.977	ug/l	99
89) n-Butylbenzene	12.38	91	301005	49.233	ug/l	99
90) Hexachloroethane	12.59	117	56315	53.675	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	188349	48.924	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	28223	55.898	ug/l	95

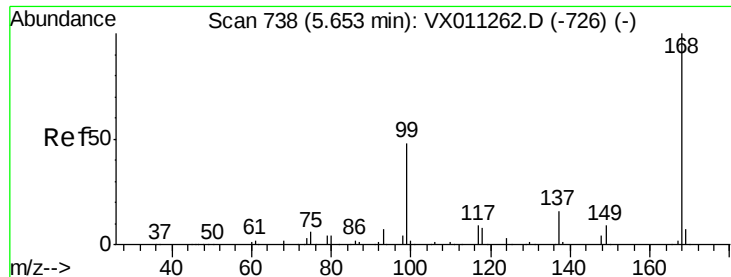
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081219\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	127439	49.915	ug/l	97
94) Hexachlorobutadiene	13.78	225	59788	46.156	ug/l	98
95) Naphthalene	13.83	128	396549	53.112	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	126560	48.759	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: VX011497.D

Acq: 12 Aug 2019 20:33

Instrument :

MSVOA_X

ClientSampleId :

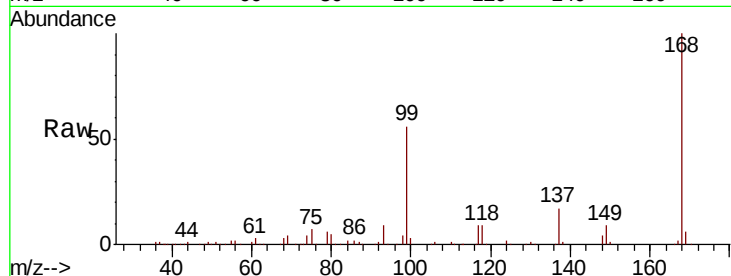
VSTDCCC050EC

Tgt Ion:168 Resp: 154341

Ion Ratio Lower Upper

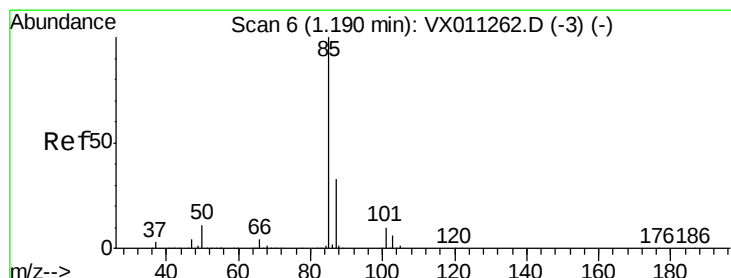
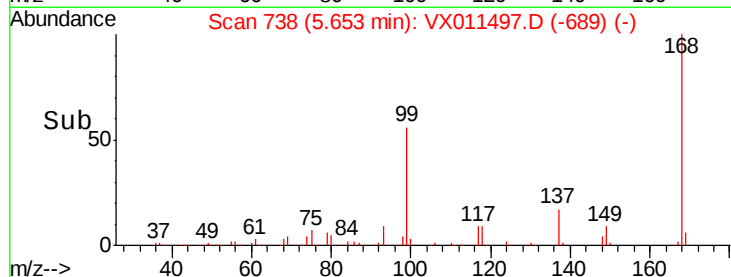
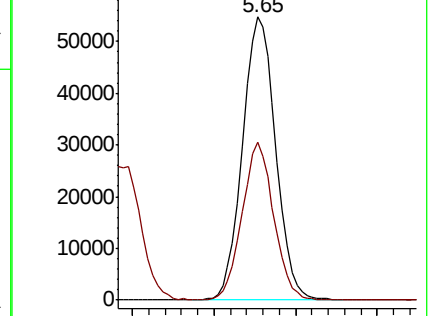
168 100

99 55.6 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: 46.265 ug/l

RT: 1.19 min Scan# 6

Delta R.T. 0.00 min

Lab File: VX011497.D

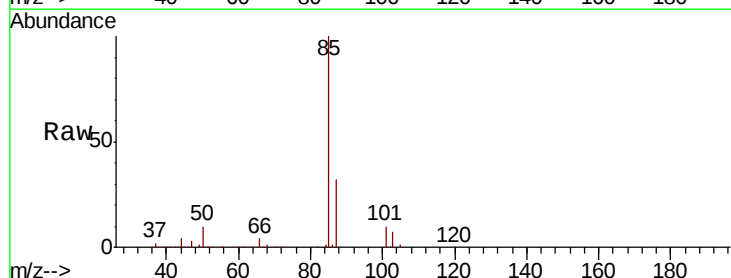
Acq: 12 Aug 2019 20:33

Tgt Ion: 85 Resp: 55150

Ion Ratio Lower Upper

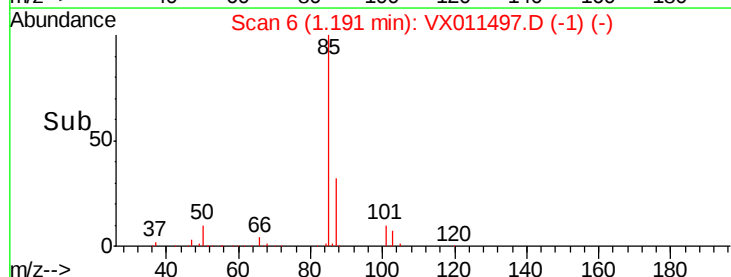
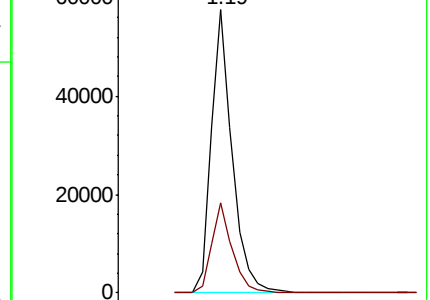
85 100

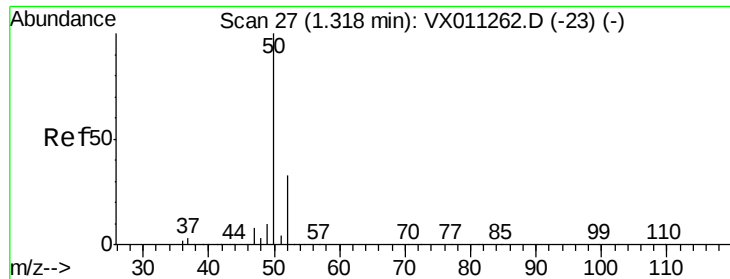
87 31.8 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 43.105 ug/l

RT: 1.32 min Scan# 27

Delta R.T. 0.00 min

Lab File: VX011497.D

Acq: 12 Aug 2019 20:33

Instrument :

MSVOA_X

ClientSampleId :

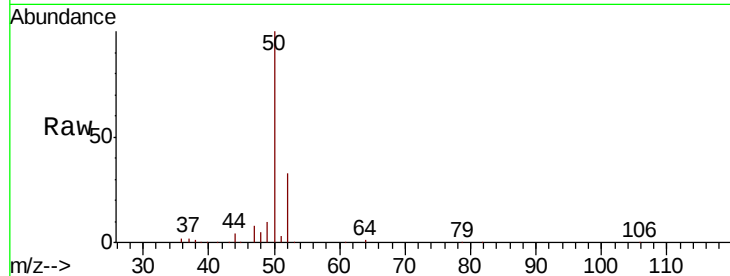
VSTDCCC050EC

Tgt Ion: 50 Resp: 57701

Ion Ratio Lower Upper

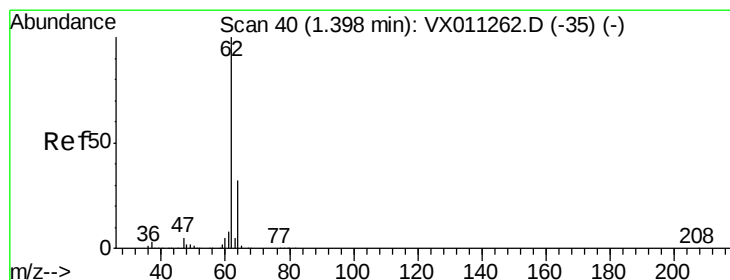
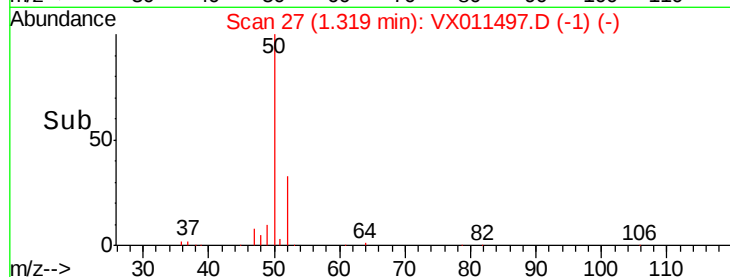
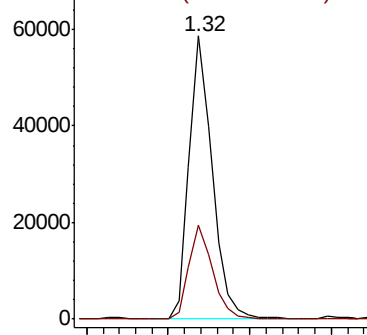
50 100

52 33.4 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: 42.745 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.01 min

Lab File: VX011497.D

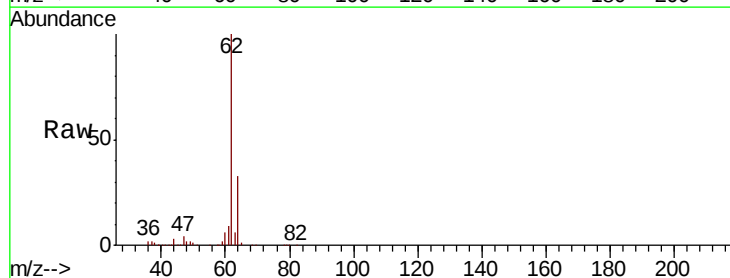
Acq: 12 Aug 2019 20:33

Tgt Ion: 62 Resp: 62941

Ion Ratio Lower Upper

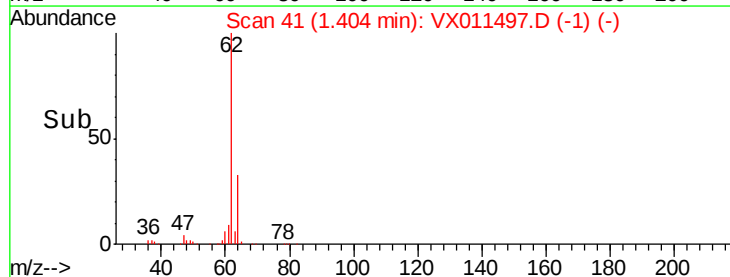
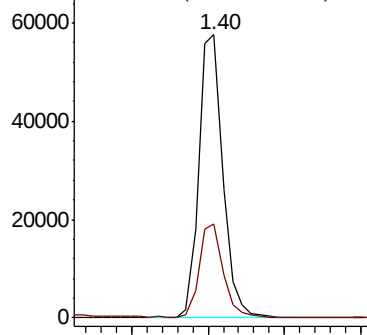
62 100

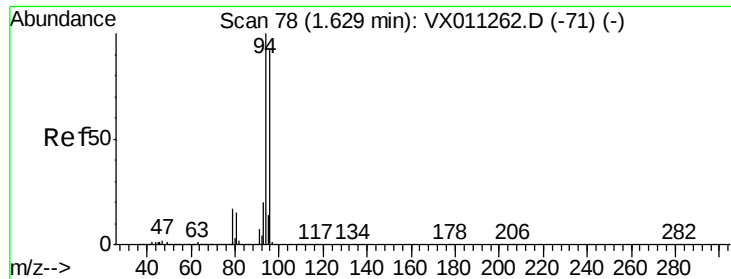
64 33.0 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 45.622 ug/l

RT: 1.63 min Scan# 78

Delta R.T. 0.00 min

Lab File: VX011497.D

Acq: 12 Aug 2019 20:33

Instrument :

MSVOA_X

ClientSampleId :

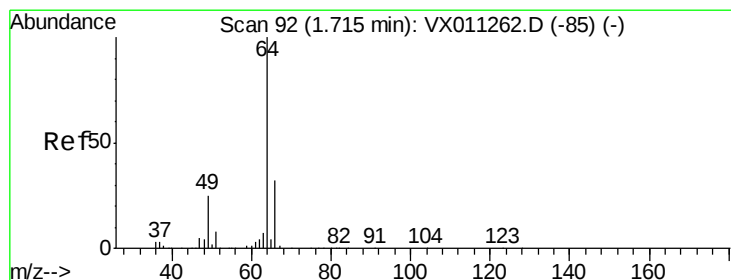
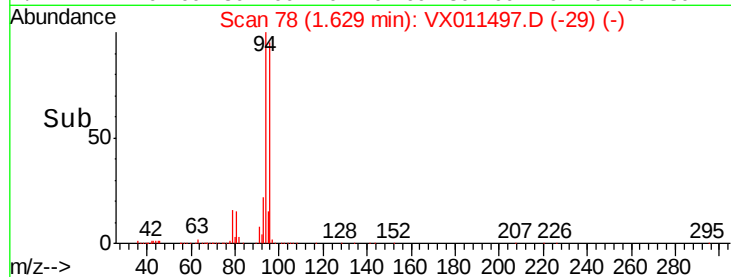
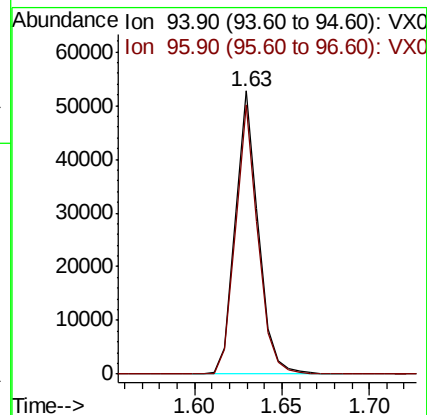
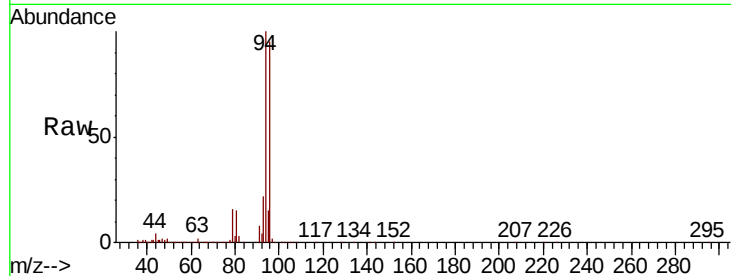
VSTDCCC050EC

Tgt Ion: 94 Resp: 47910

Ion Ratio Lower Upper

94 100

96 95.5 74.6 112.0



#6

Chloroethane

Concen: 48.343 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX011497.D

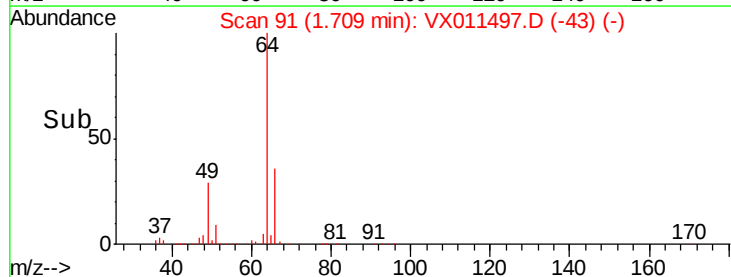
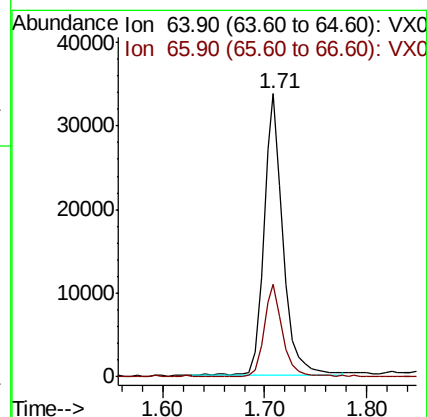
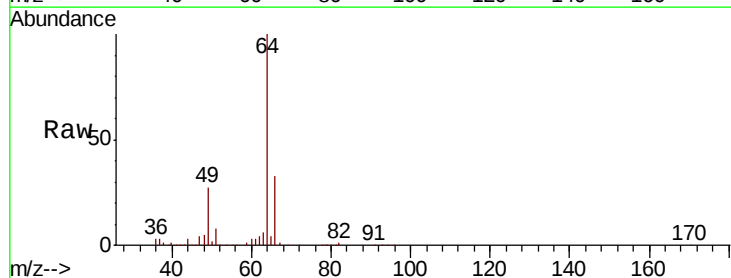
Acq: 12 Aug 2019 20:33

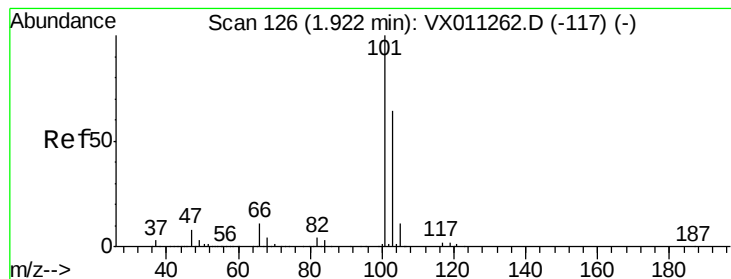
Tgt Ion: 64 Resp: 44149

Ion Ratio Lower Upper

64 100

66 32.5 25.1 37.7



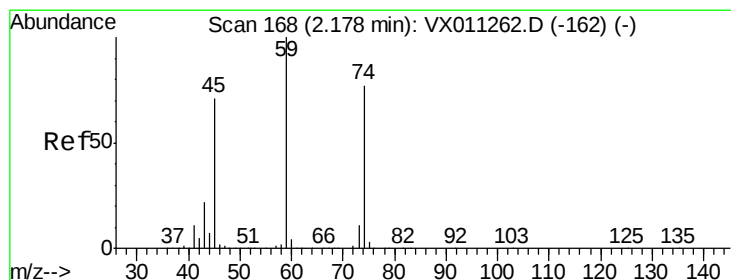
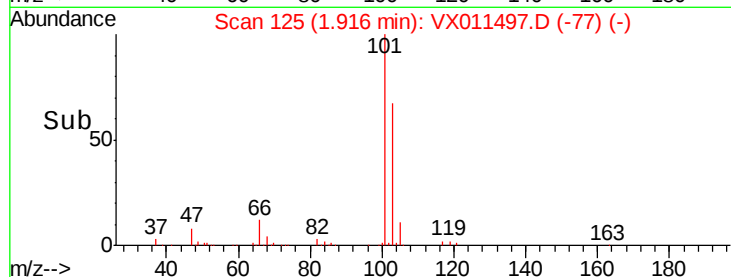
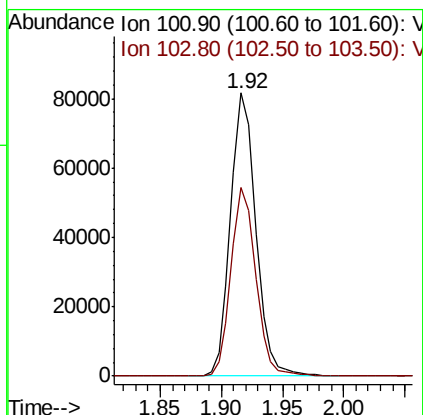
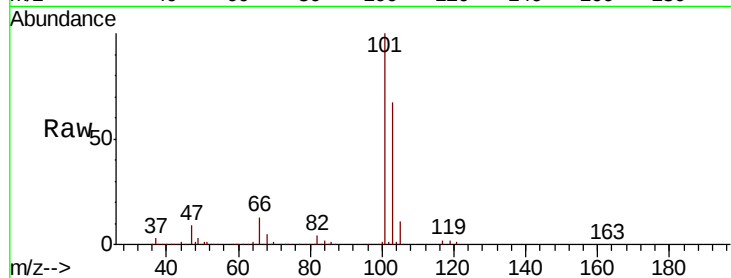


#7

Trichlorofluoromethane
Concen: 44.779 ug/l
RT: 1.92 min Scan# 125
Delta R.T. -0.01 min
Lab File: VX011497.D
Acq: 12 Aug 2019 20:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

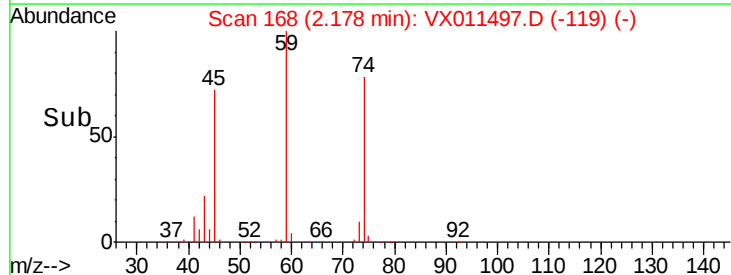
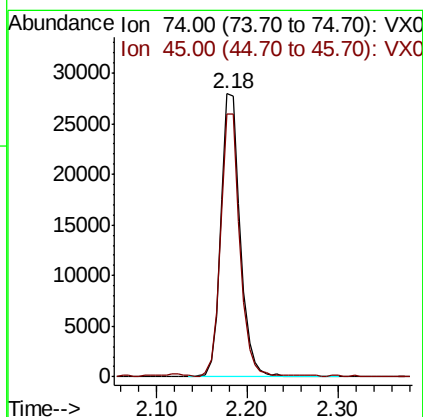
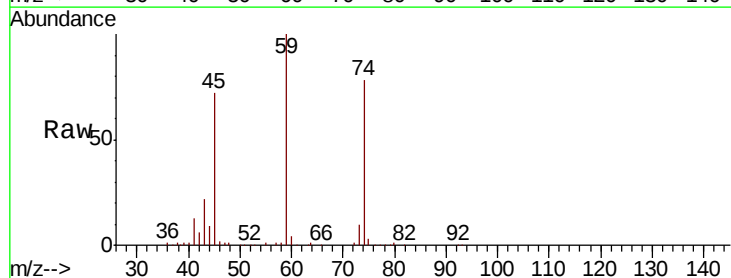
Tgt Ion:101 Resp: 117237
Ion Ratio Lower Upper
101 100
103 66.6 50.9 76.3

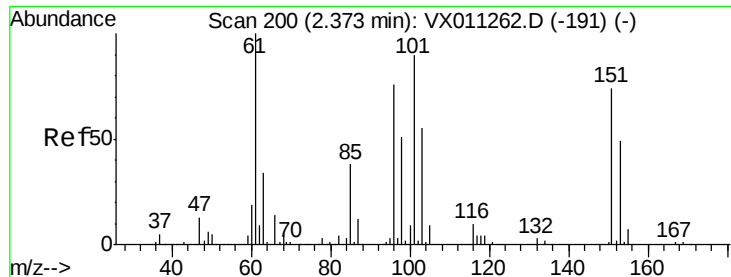


#8

Diethyl Ether
Concen: 44.324 ug/l
RT: 2.18 min Scan# 168
Delta R.T. 0.00 min
Lab File: VX011497.D
Acq: 12 Aug 2019 20:33

Tgt Ion: 74 Resp: 41437
Ion Ratio Lower Upper
74 100
45 91.6 46.1 138.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.856 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.00 min

Lab File: VX011497.D

Acq: 12 Aug 2019 20:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

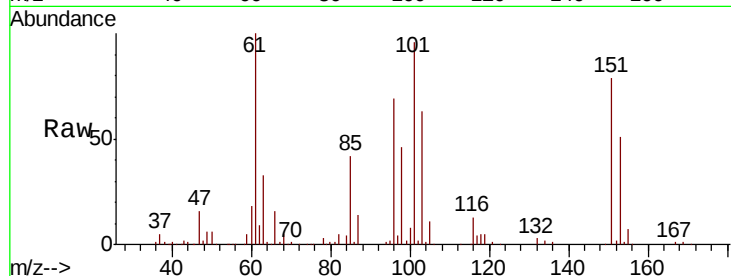
Tgt Ion:101 Resp: 67794

Ion Ratio Lower Upper

101 100

85 44.4 33.8 50.6

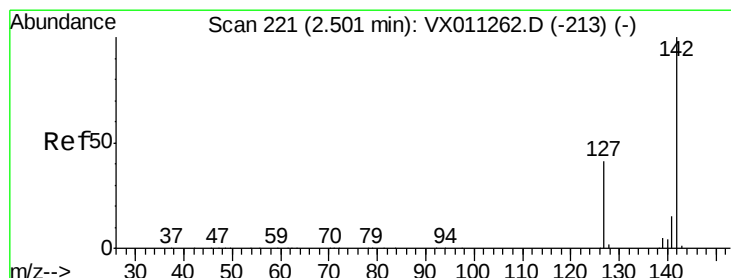
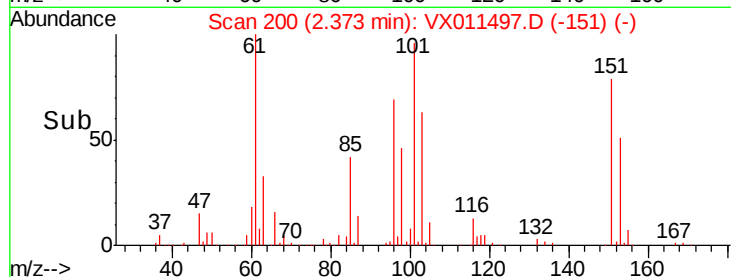
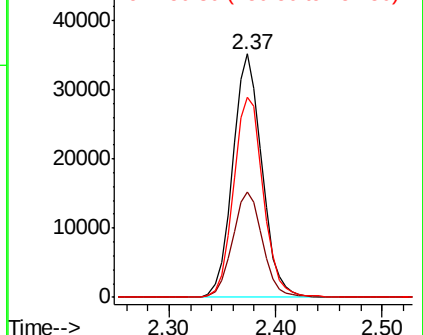
151 83.5 69.5 104.3



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: 46.426 ug/l

RT: 2.50 min Scan# 221

Delta R.T. 0.00 min

Lab File: VX011497.D

Acq: 12 Aug 2019 20:33

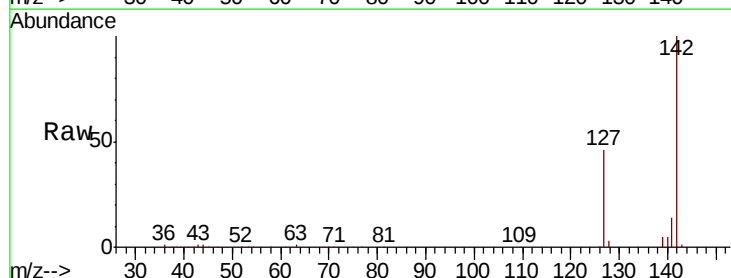
Tgt Ion:142 Resp: 82916

Ion Ratio Lower Upper

142 100

127 45.4 33.8 50.8

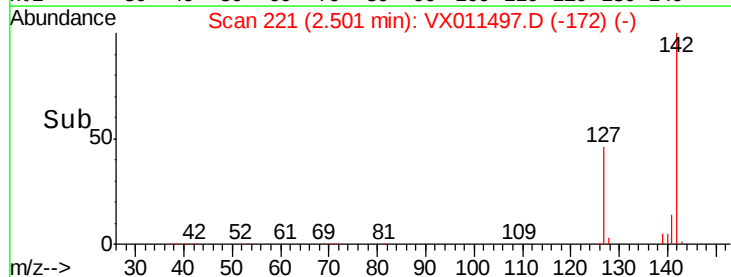
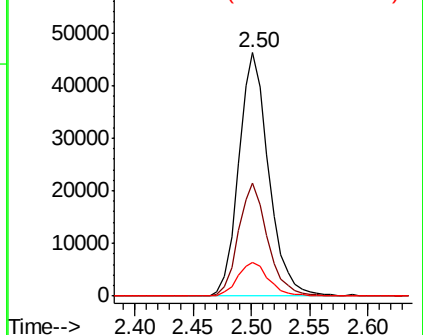
141 14.5 11.4 17.2

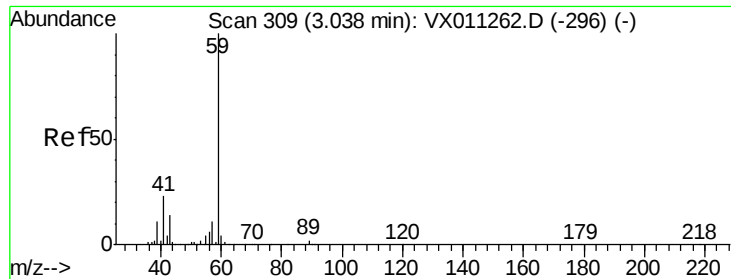


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

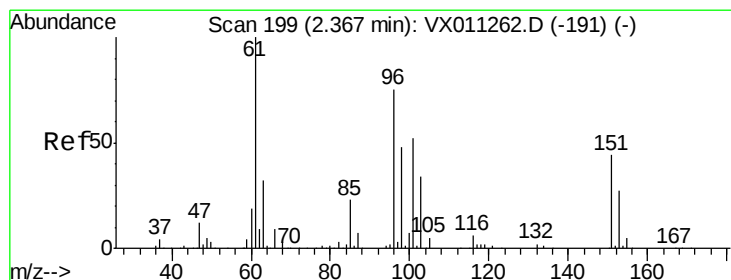
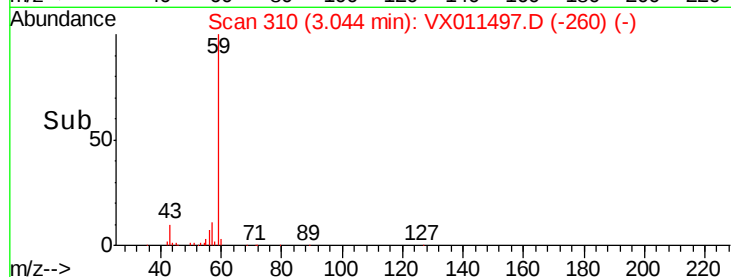
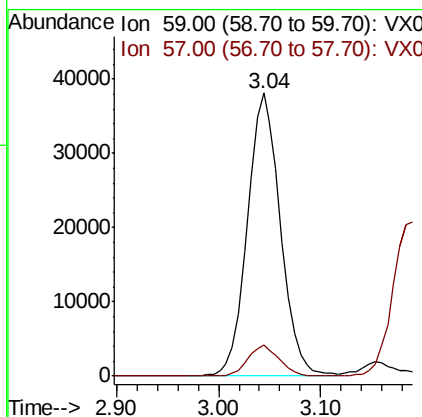
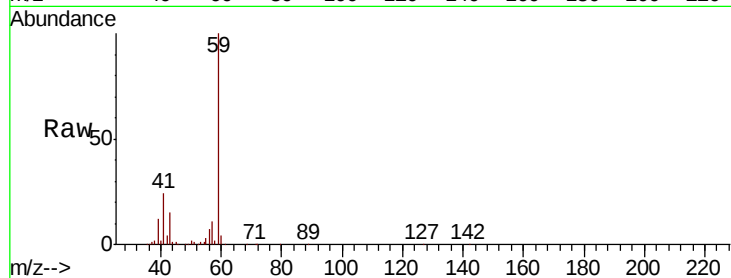




#11
Tert butyl alcohol
Concen: 278.159 ug/l
RT: 3.04 min Scan# 310
Delta R.T. 0.01 min
Lab File: VX011497.D
Acq: 12 Aug 2019 20:33

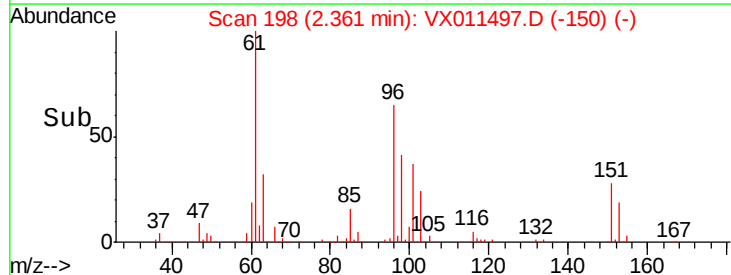
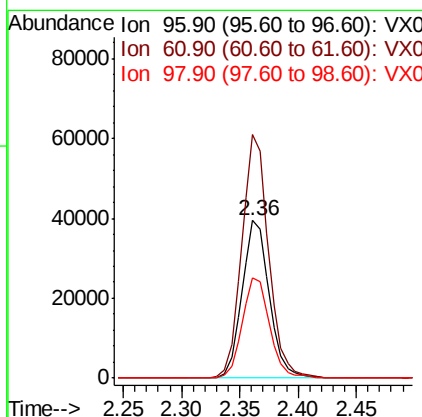
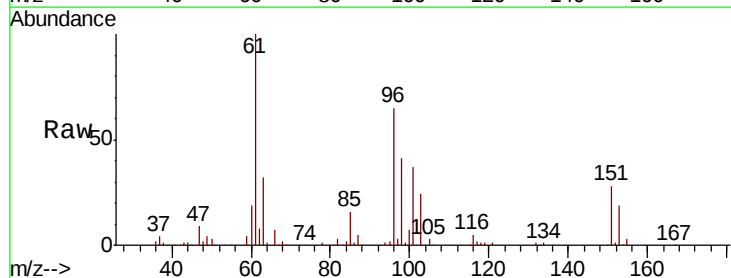
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

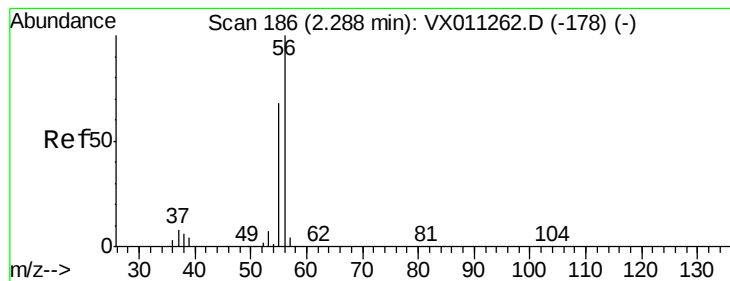
Tgt Ion: 59 Resp: 86213
Ion Ratio Lower Upper
59 100
57 10.6 8.3 12.5



#12
1,1-Dichloroethene
Concen: 45.884 ug/l
RT: 2.36 min Scan# 198
Delta R.T. -0.01 min
Lab File: VX011497.D
Acq: 12 Aug 2019 20:33

Tgt Ion: 96 Resp: 64433
Ion Ratio Lower Upper
96 100
61 154.3 106.2 159.2
98 63.5 50.6 75.8





#13

Acrolein

Concen: 217.426 ug/l

RT: 2.29 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX011497.D

Acq: 12 Aug 2019 20:33

Instrument :

MSVOA_X

ClientSampleId :

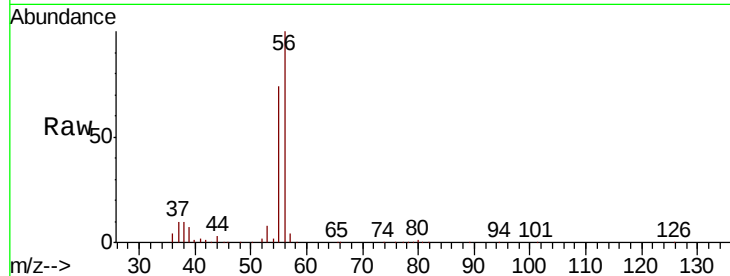
VSTDCCC050EC

Tgt Ion: 56 Resp: 41890

Ion Ratio Lower Upper

56 100

55 72.0 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

30000

25000

20000

15000

10000

5000

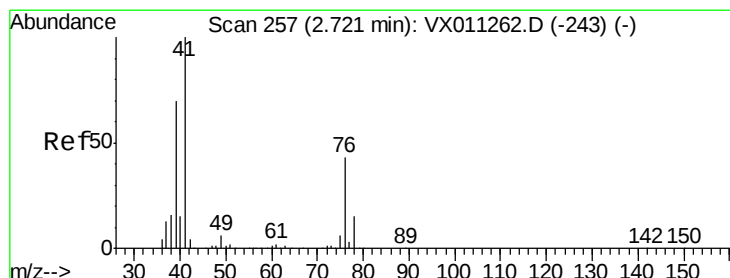
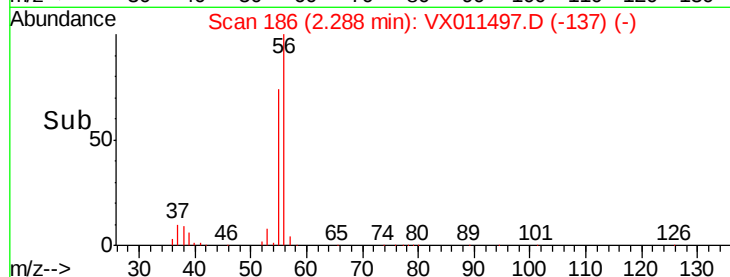
0

Time-->

2.20

2.30

2.40



#14

Allyl chloride

Concen: 53.711 ug/l

RT: 2.72 min Scan# 257

Delta R.T. 0.00 min

Lab File: VX011497.D

Acq: 12 Aug 2019 20:33

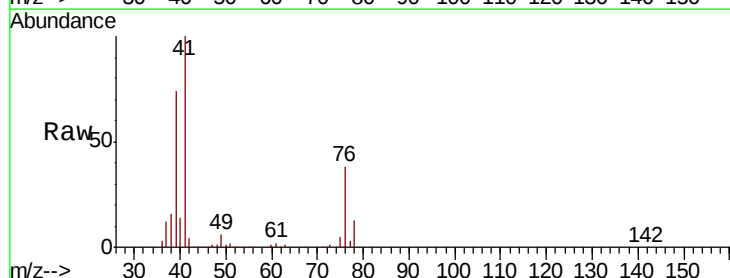
Tgt Ion: 41 Resp: 100550

Ion Ratio Lower Upper

41 100

39 67.9 52.8 79.2

76 34.4 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

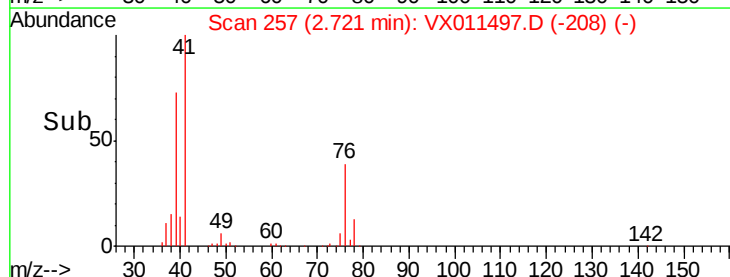
0

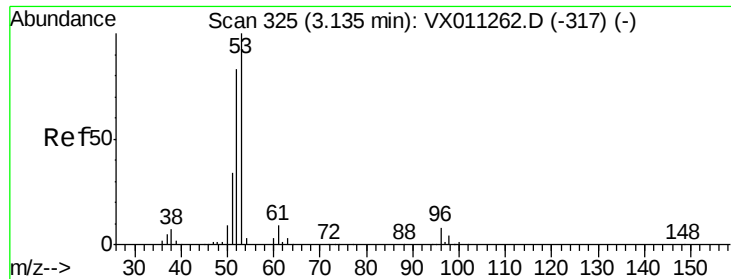
Time-->

2.60

2.70

2.80

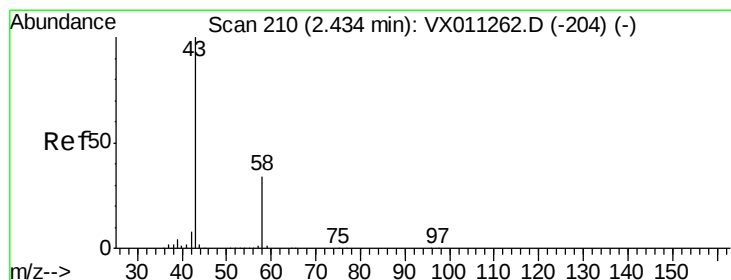
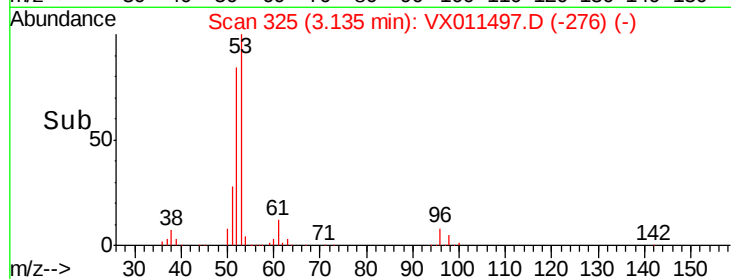
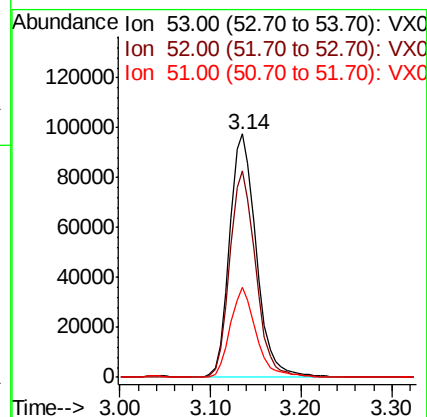
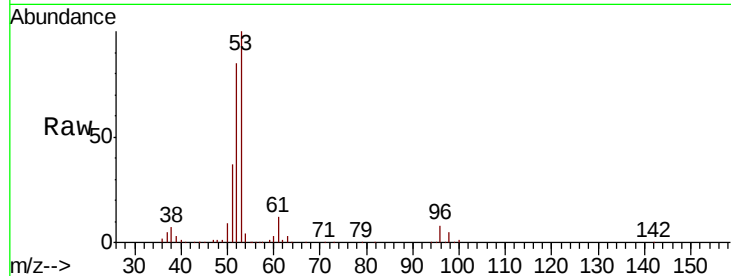




#15
Acrylonitrile
Concen: 269.572 ug/l
RT: 3.14 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX011497.D
Acq: 12 Aug 2019 20:33

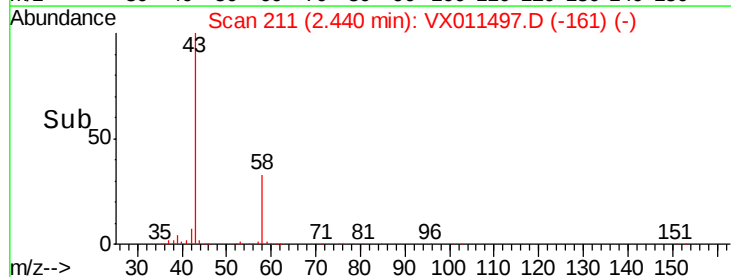
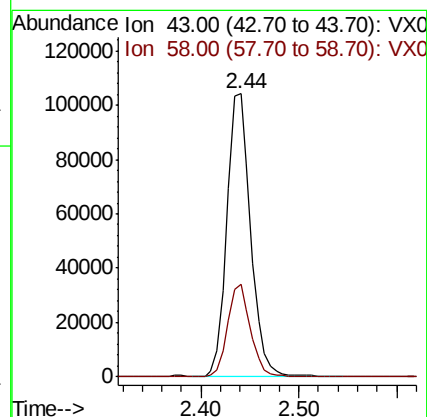
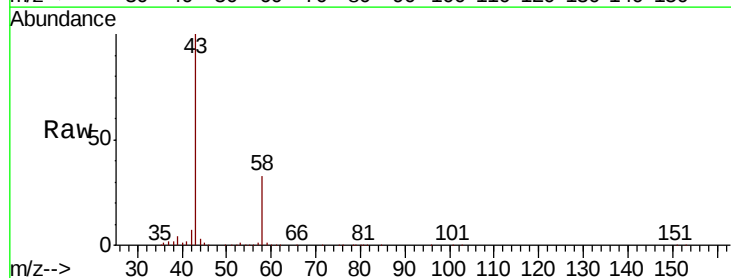
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

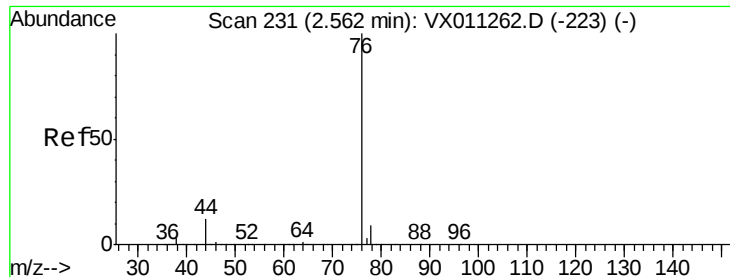
Tgt Ion: 53 Resp: 199380
Ion Ratio Lower Upper
53 100
52 82.7 65.5 98.3
51 36.3 27.9 41.9



#16
Acetone
Concen: 235.514 ug/l
RT: 2.44 min Scan# 211
Delta R.T. 0.01 min
Lab File: VX011497.D
Acq: 12 Aug 2019 20:33

Tgt Ion: 43 Resp: 174237
Ion Ratio Lower Upper
43 100
58 32.6 27.4 41.0

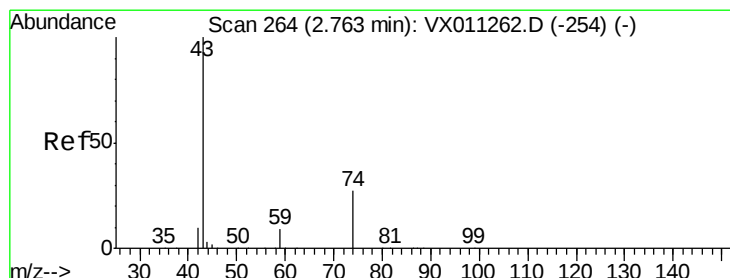
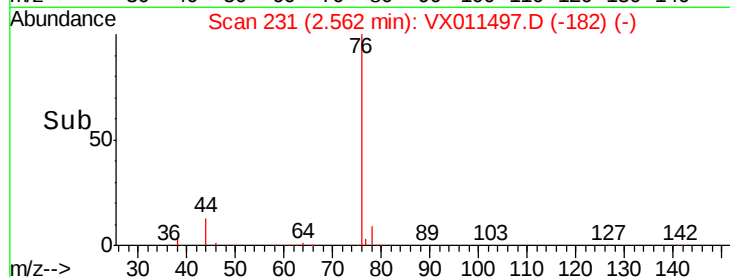
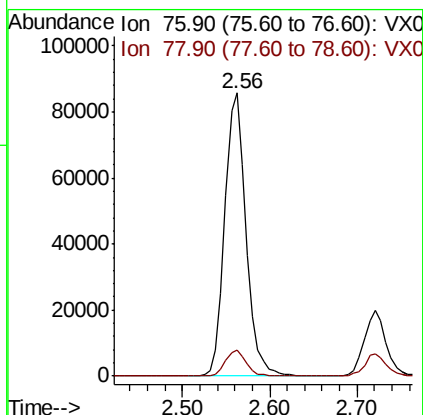
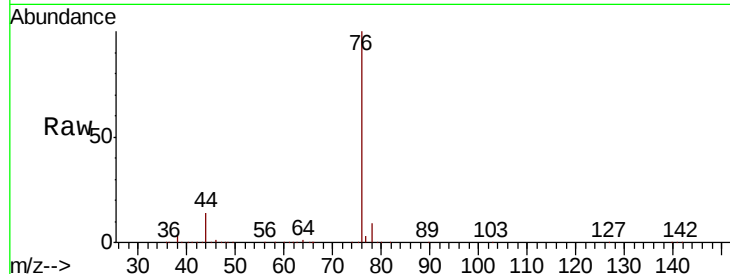




#17
Carbon Disulfide
Concen: 43.659 ug/l
RT: 2.56 min Scan# 231
Delta R.T. 0.00 min
Lab File: VX011497.D
Acq: 12 Aug 2019 20:33

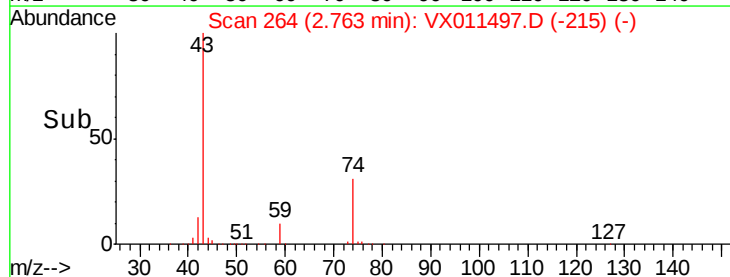
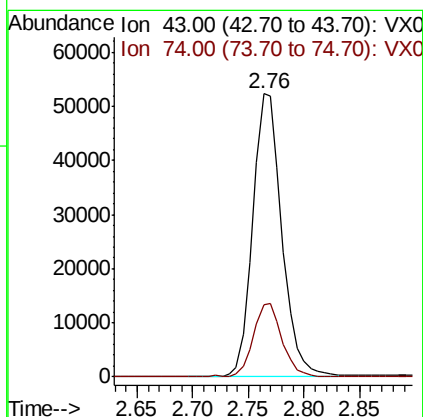
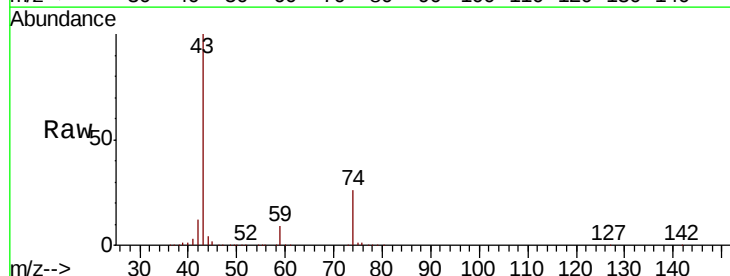
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

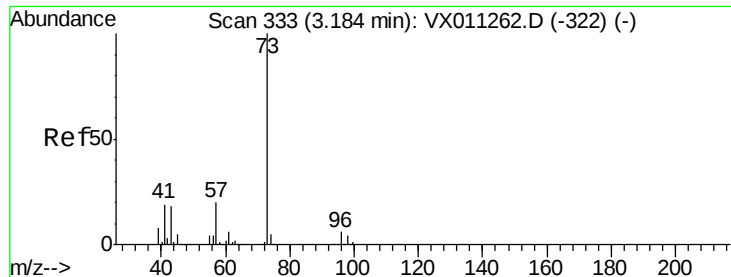
Tgt Ion: 76 Resp: 143869
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0



#18
Methyl Acetate
Concen: 56.555 ug/l
RT: 2.76 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX011497.D
Acq: 12 Aug 2019 20:33

Tgt Ion: 43 Resp: 95617
Ion Ratio Lower Upper
43 100
74 26.2 21.0 31.6





#19

Methyl tert-butyl Ether

Concen: 54.834 ug/l

RT: 3.19 min Scan# 334

Delta R.T. 0.01 min

Lab File: VX011497.D

Acq: 12 Aug 2019 20:33

Instrument :

MSVOA_X

ClientSampleId :

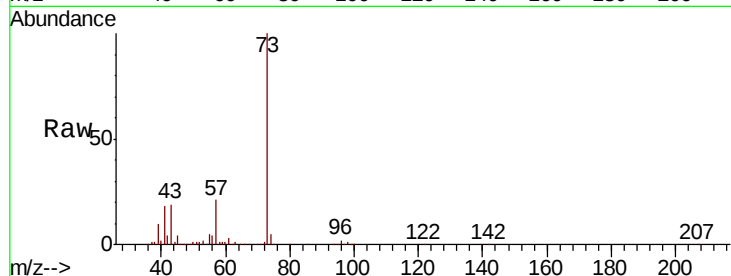
VSTDCCC050EC

Tgt Ion: 73 Resp: 226918

Ion Ratio Lower Upper

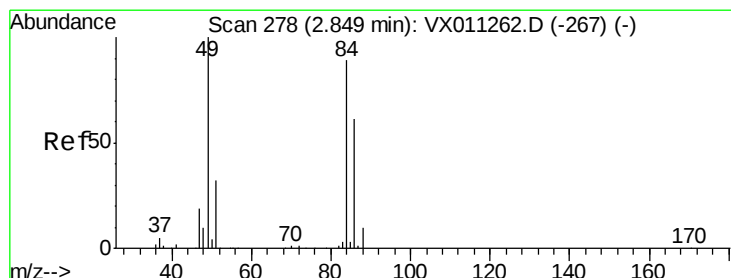
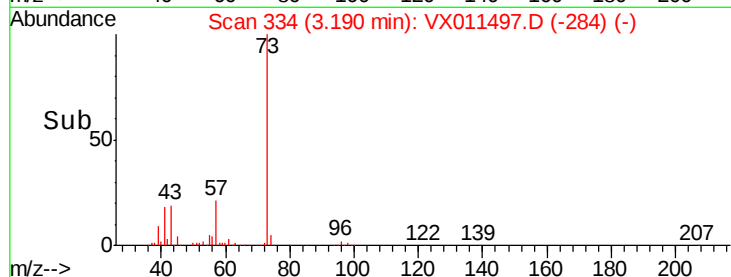
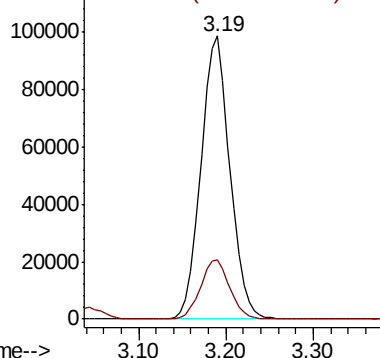
73 100

57 21.1 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: 47.435 ug/l

RT: 2.85 min Scan# 278

Delta R.T. 0.00 min

Lab File: VX011497.D

Acq: 12 Aug 2019 20:33

Tgt Ion: 84 Resp: 76856

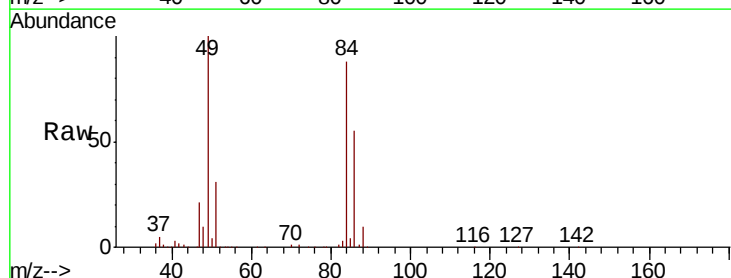
Ion Ratio Lower Upper

84 100

49 113.3 89.3 133.9

51 34.7 28.3 42.5

86 62.3 54.5 81.7

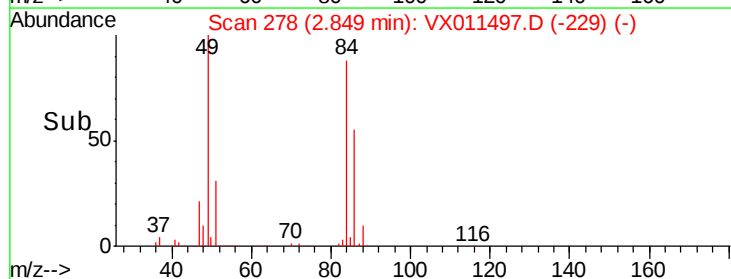
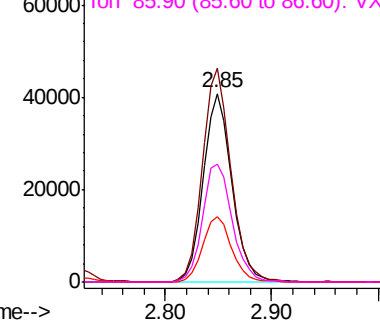


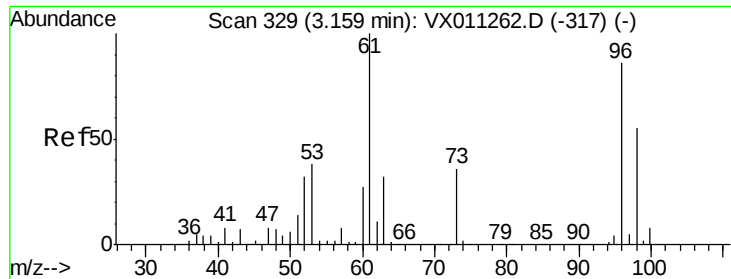
Abundance Ion 83.90 (83.60 to 84.60): VX0

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: 47.044 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.01 min

Lab File: VX011497.D

Acq: 12 Aug 2019 20:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

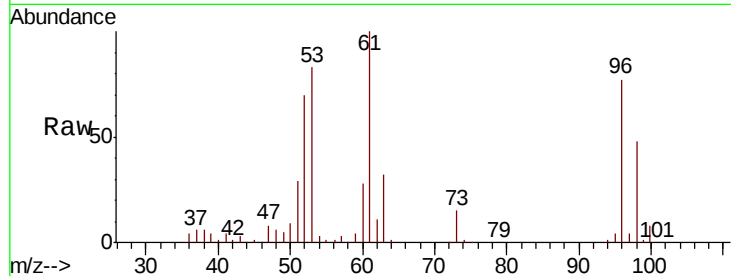
Tgt Ion: 96 Resp: 69881

Ion Ratio Lower Upper

96 100

61 130.4 92.8 139.2

98 62.5 51.2 76.8

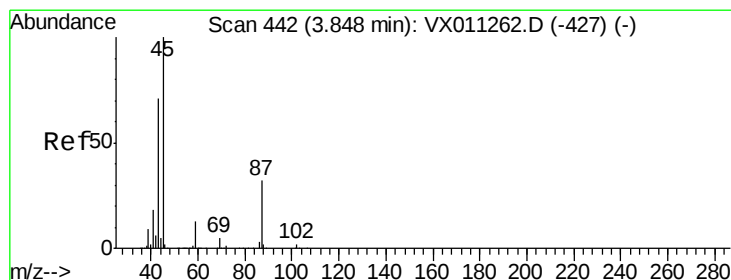
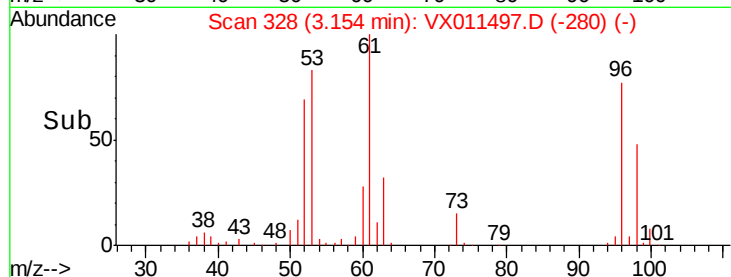
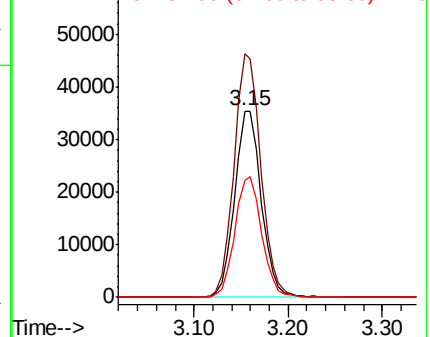


Abundance

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: 52.806 ug/l

RT: 3.85 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX011497.D

Acq: 12 Aug 2019 20:33

Tgt Ion: 45 Resp: 217267

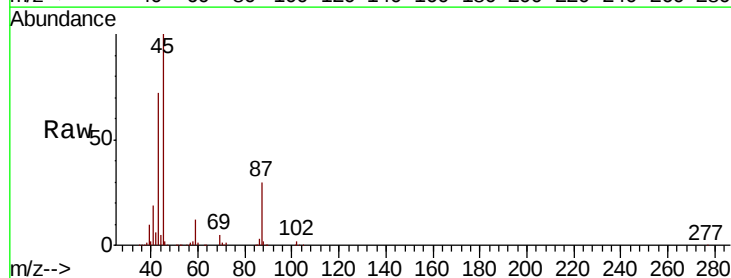
Ion Ratio Lower Upper

45 100

43 71.8 56.8 85.2

87 30.2 25.8 38.6

59 12.0 10.3 15.5



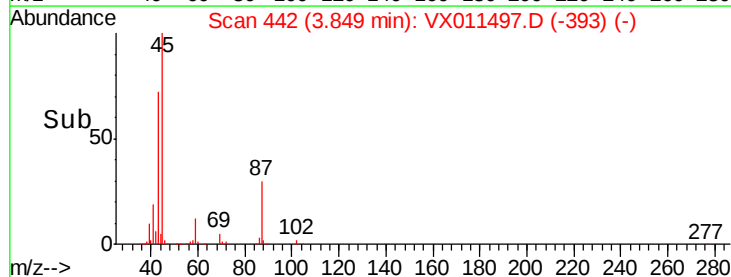
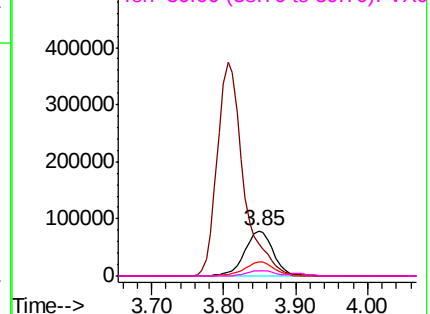
Abundance

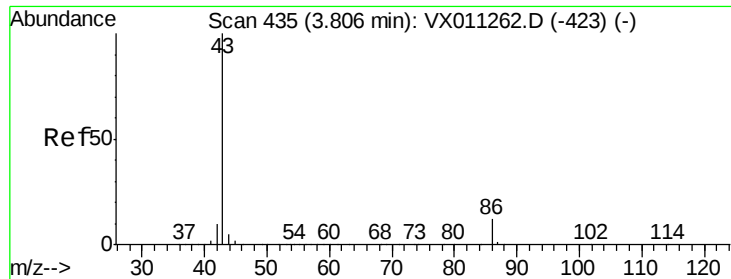
Ion 45.00 (44.70 to 45.70): VX0

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

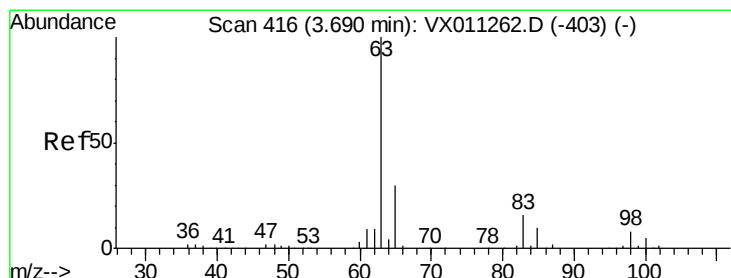
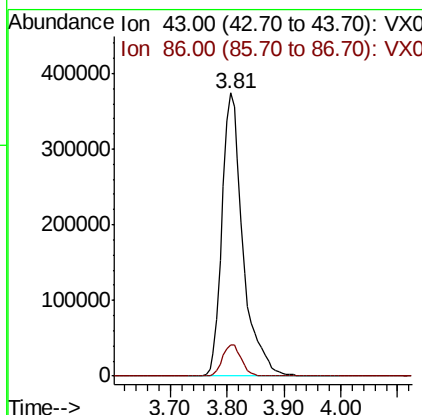
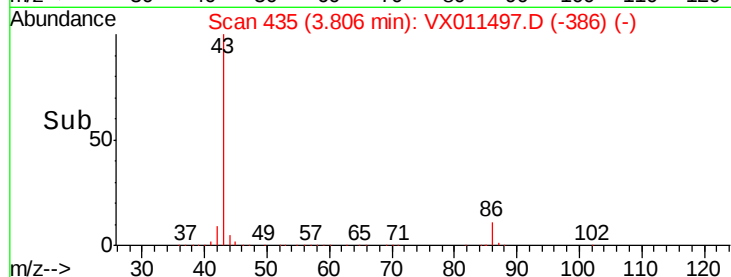
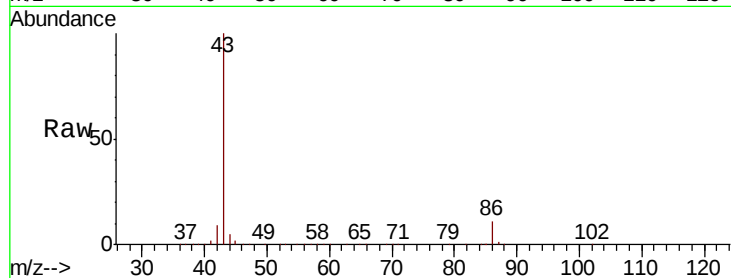




#23
 Vinyl Acetate
 Concen: 279.288 ug/l
 RT: 3.81 min Scan# 435
 Delta R.T. 0.00 min
 Lab File: VX011497.D
 Acq: 12 Aug 2019 20:33

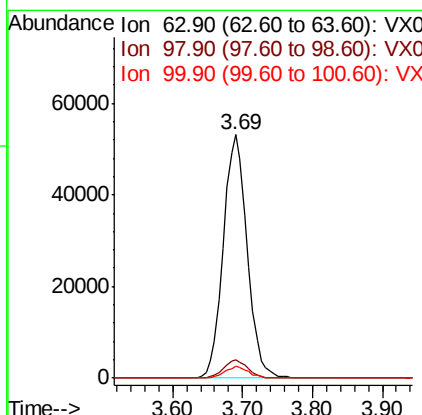
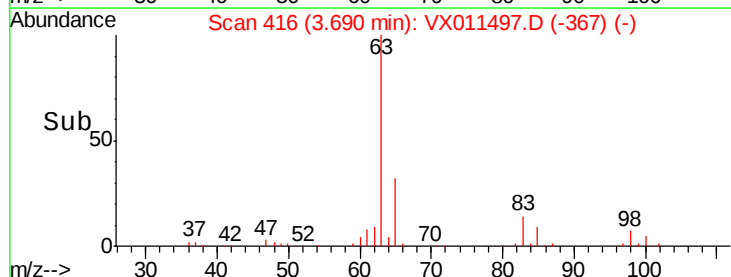
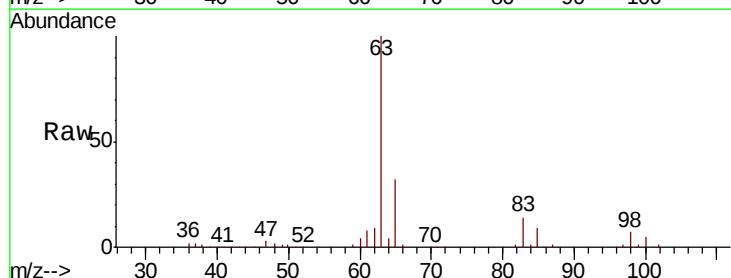
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

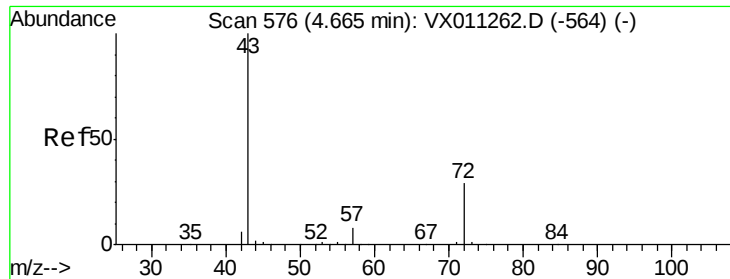
Tgt Ion: 43 Resp: 953089
 Ion Ratio Lower Upper
 43 100
 86 11.2 9.6 14.4



#24
 1,1-Dichloroethane
 Concen: 51.953 ug/l
 RT: 3.69 min Scan# 416
 Delta R.T. 0.00 min
 Lab File: VX011497.D
 Acq: 12 Aug 2019 20:33

Tgt Ion: 63 Resp: 126045
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.9 11.5
 100 4.8 2.7 8.1





#25

2-Butanone

Concen: 265.568 ug/l

RT: 4.67 min Scan# 576

Delta R.T. 0.00 min

Lab File: VX011497.D

Acq: 12 Aug 2019 20:33

Instrument :

MSVOA_X

ClientSampleId :

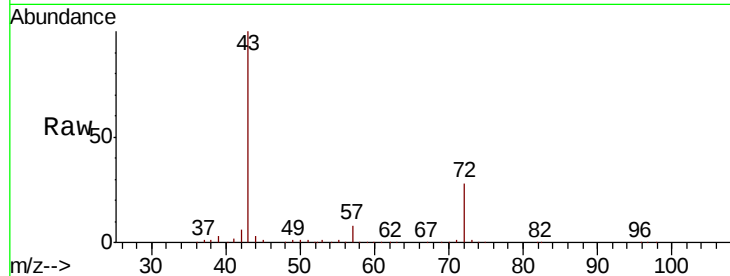
VSTDCCC050EC

Tgt Ion: 43 Resp: 279480

Ion Ratio Lower Upper

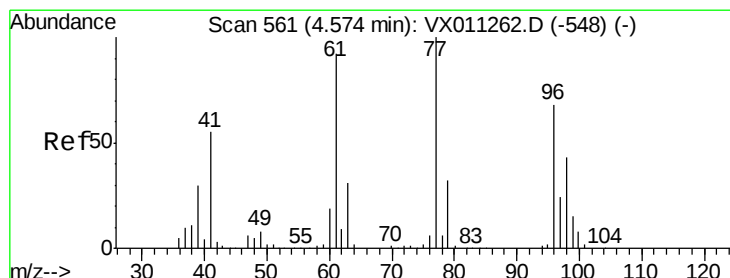
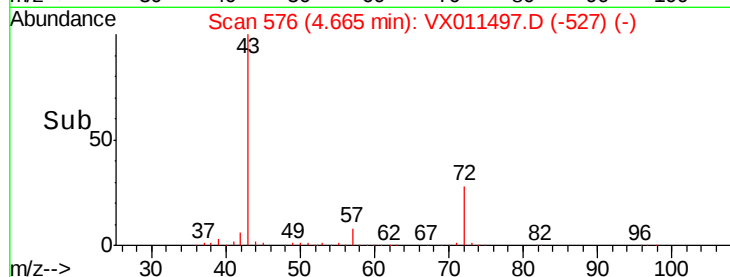
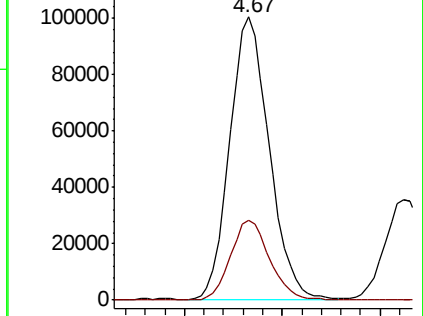
43 100

72 28.1 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 47.526 ug/l

RT: 4.57 min Scan# 561

Delta R.T. 0.00 min

Lab File: VX011497.D

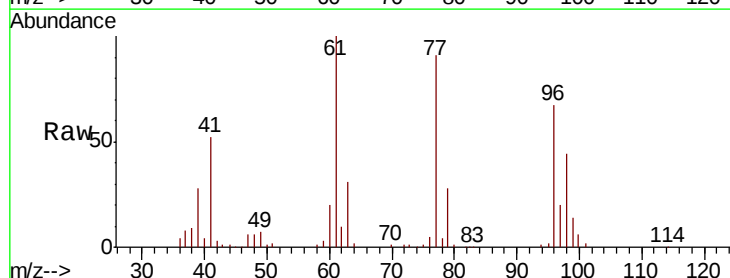
Acq: 12 Aug 2019 20:33

Tgt Ion: 77 Resp: 89633

Ion Ratio Lower Upper

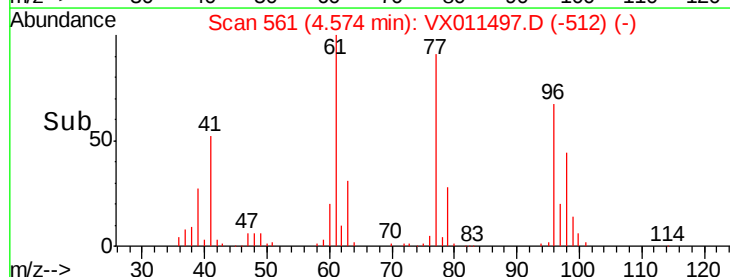
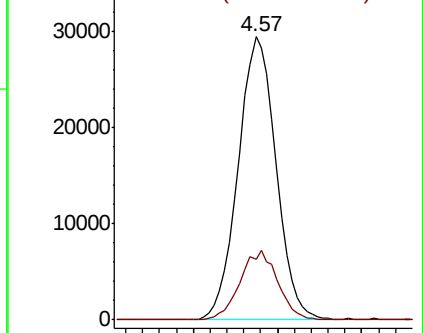
77 100

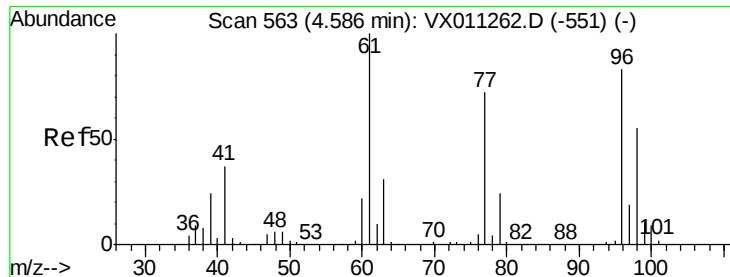
97 24.2 12.8 38.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



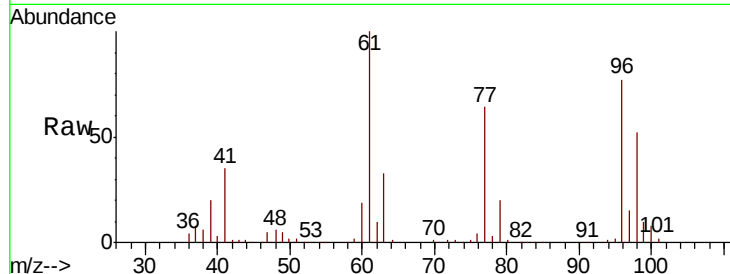


#27

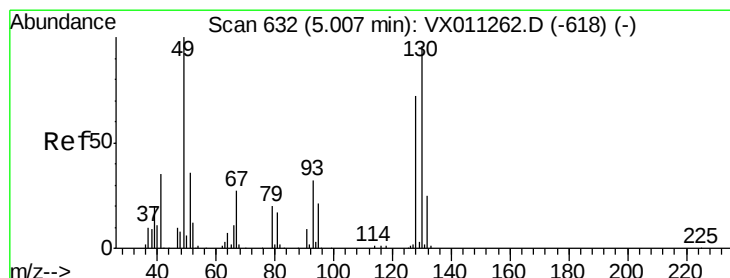
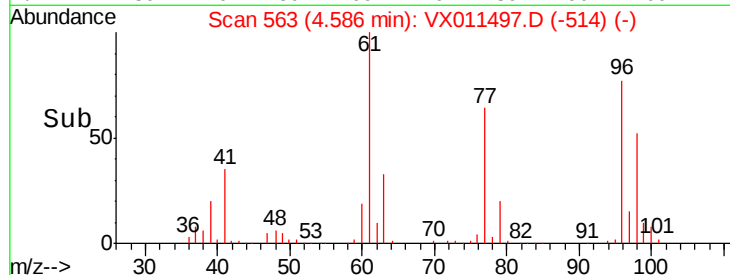
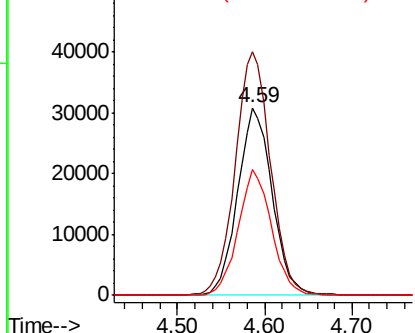
cis-1,2-Dichloroethene
 Concen: 49.420 ug/l
 RT: 4.59 min Scan# 563
 Delta R.T. 0.00 min
 Lab File: VX011497.D
 Acq: 12 Aug 2019 20:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 84557
 Ion Ratio Lower Upper
 96 100
 61 133.4 0.0 260.2
 98 65.2 0.0 133.2



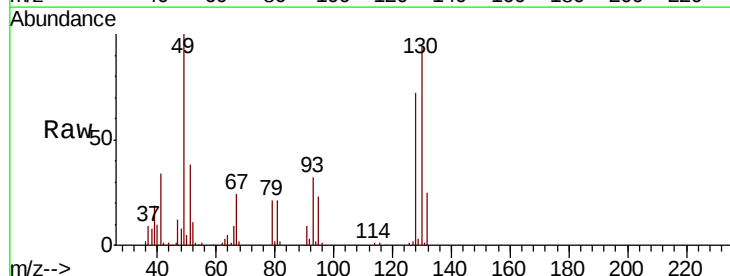
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



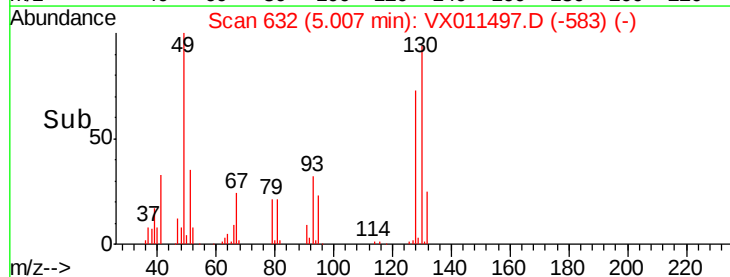
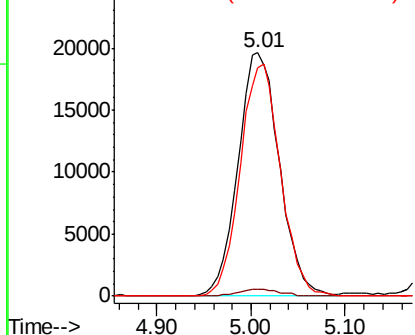
#28

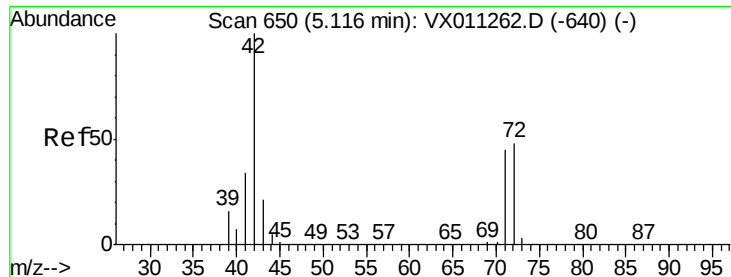
Bromochloromethane
 Concen: 54.643 ug/l
 RT: 5.01 min Scan# 632
 Delta R.T. 0.00 min
 Lab File: VX011497.D
 Acq: 12 Aug 2019 20:33

Tgt Ion: 49 Resp: 60438
 Ion Ratio Lower Upper
 49 100
 129 2.9 0.0 5.8
 130 92.2 77.9 116.9



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

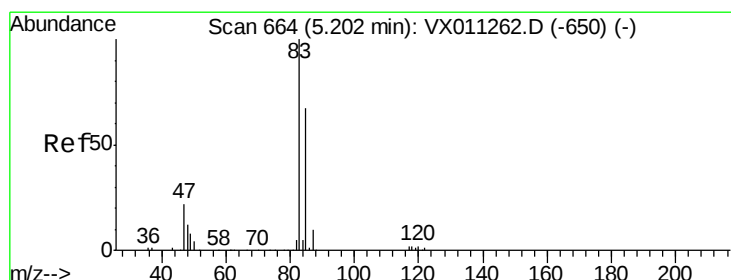
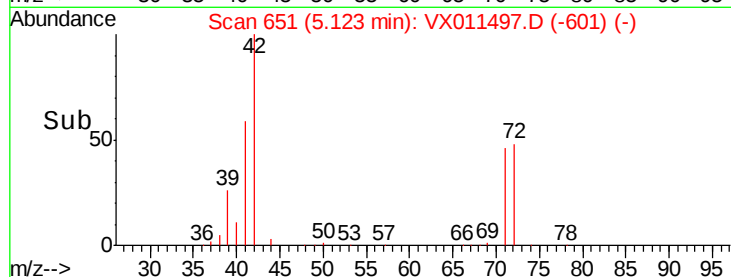
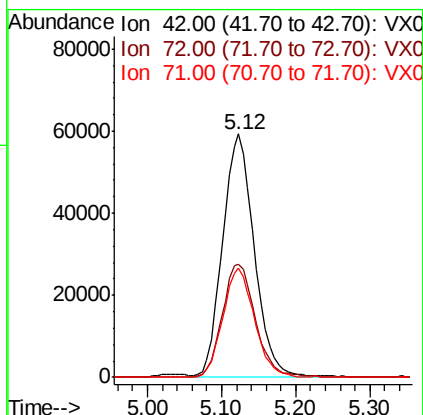
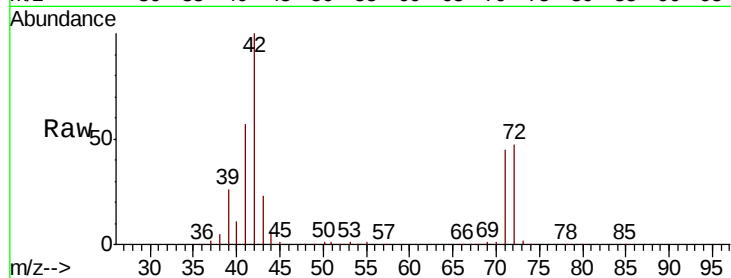




#29
Tetrahydrofuran
Concen: 270.868 ug/l
RT: 5.12 min Scan# 651
Delta R.T. 0.01 min
Lab File: VX011497.D
Acq: 12 Aug 2019 20:33

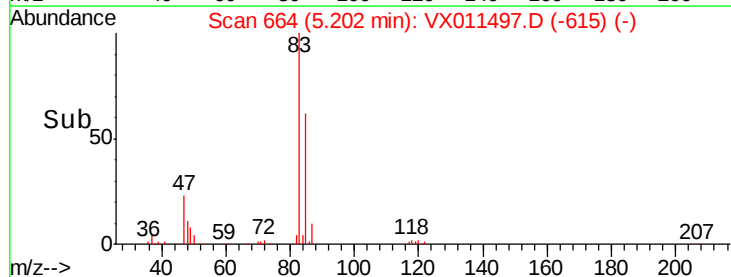
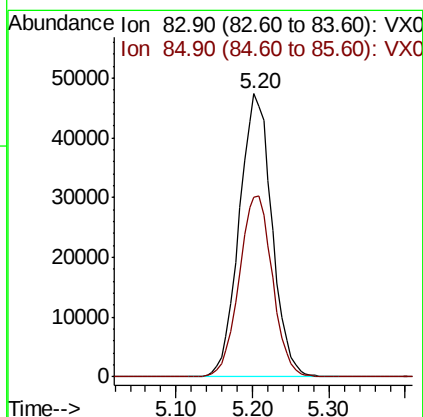
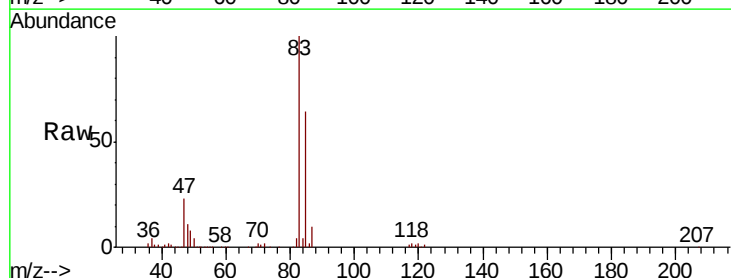
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

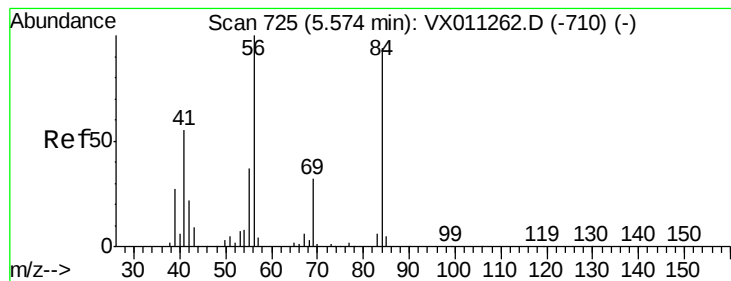
Tgt Ion: 42 Resp: 174783
Ion Ratio Lower Upper
42 100
72 49.1 39.9 59.9
71 45.2 36.9 55.3



#30
Chloroform
Concen: 53.361 ug/l
RT: 5.20 min Scan# 664
Delta R.T. 0.00 min
Lab File: VX011497.D
Acq: 12 Aug 2019 20:33

Tgt Ion: 83 Resp: 140707
Ion Ratio Lower Upper
83 100
85 63.7 53.4 80.0





#31

Cyclohexane

Concen: 47.898 ug/l

RT: 5.57 min Scan# 724

Delta R.T. -0.01 min

Lab File: VX011497.D

Acq: 12 Aug 2019 20:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

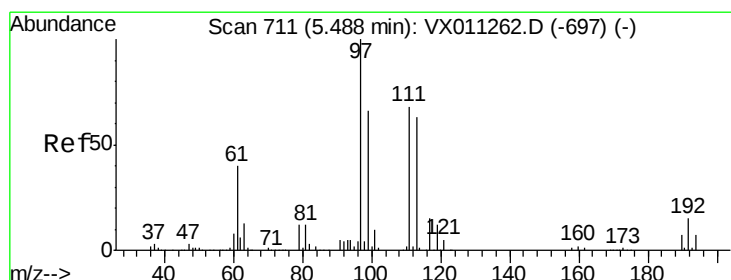
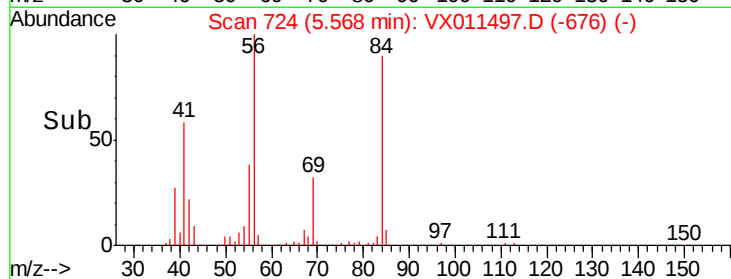
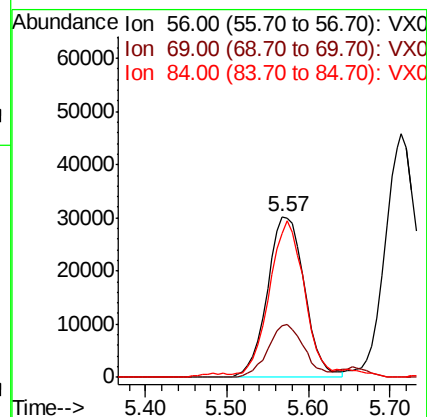
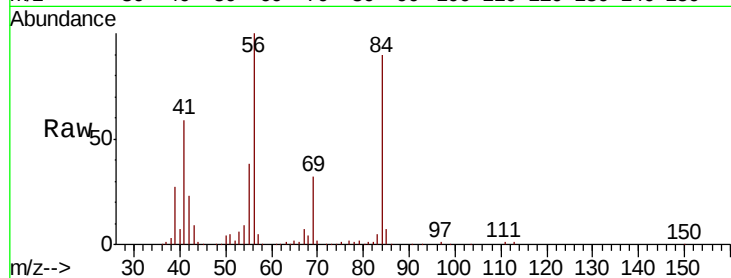
Tgt Ion: 56 Resp: 95874

Ion Ratio Lower Upper

56 100

69 32.5 25.5 38.3

84 88.4 75.0 112.4



#32

1,1,1-Trichloroethane

Concen: 54.915 ug/l

RT: 5.49 min Scan# 711

Delta R.T. 0.00 min

Lab File: VX011497.D

Acq: 12 Aug 2019 20:33

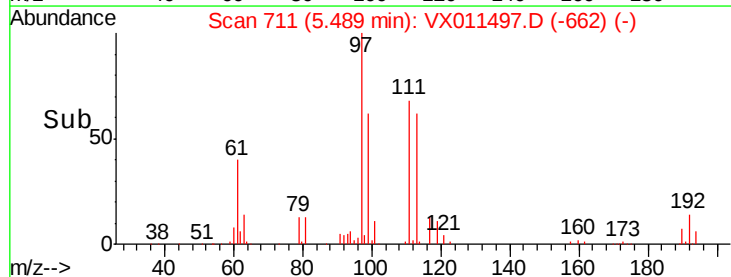
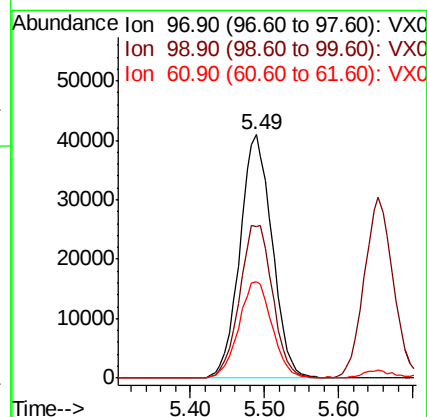
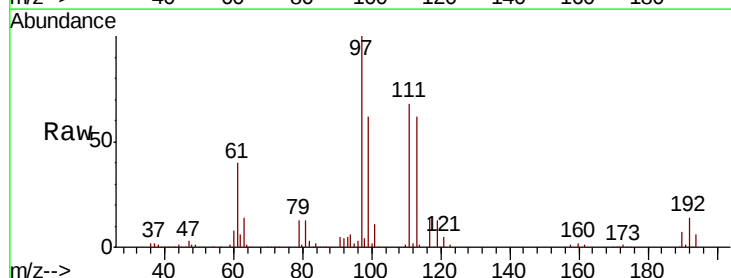
Tgt Ion: 97 Resp: 124046

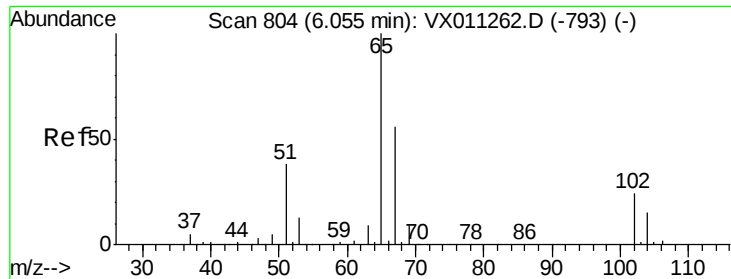
Ion Ratio Lower Upper

97 100

99 64.6 51.6 77.4

61 41.1 32.3 48.5

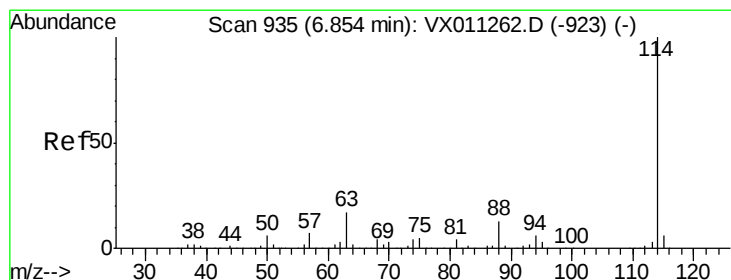
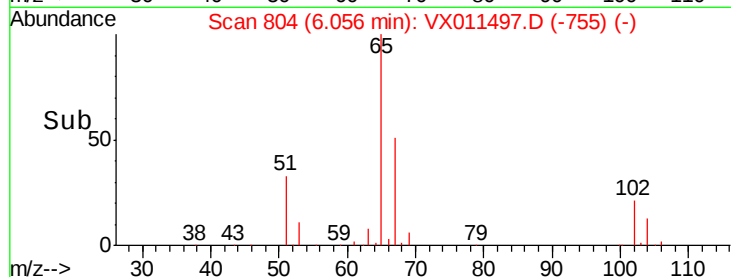
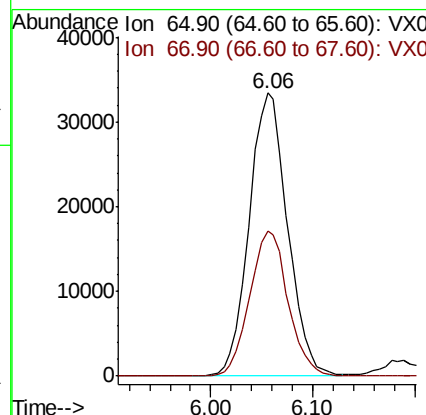
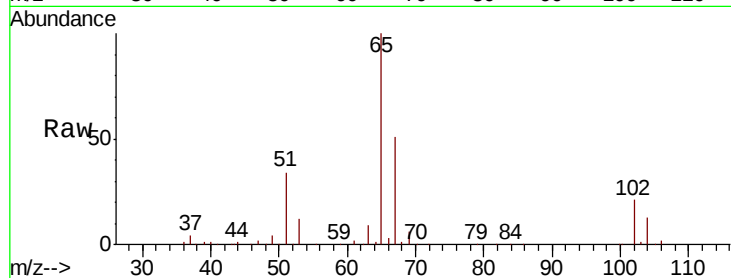




#33
 1,2-Dichloroethane-d4
 Concen: 56.325 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX011497.D
 Acq: 12 Aug 2019 20:33

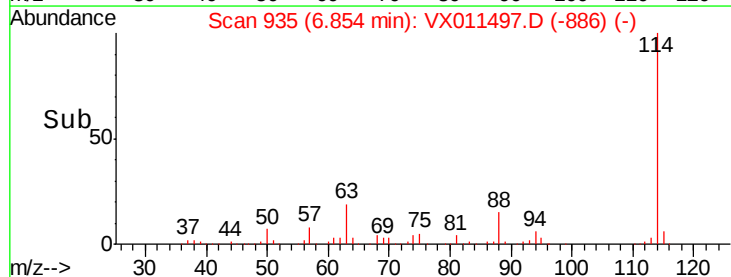
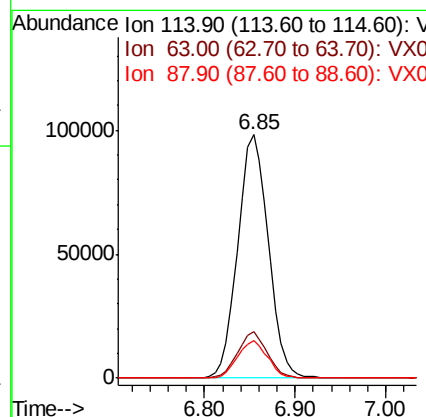
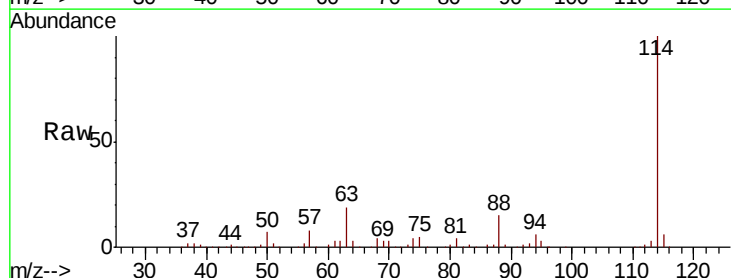
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

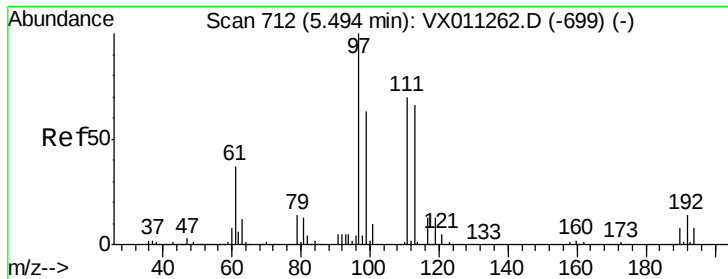
Tgt Ion: 65 Resp: 87546
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011497.D
 Acq: 12 Aug 2019 20:33

Tgt Ion: 114 Resp: 230350
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 34.0
 88 15.4 0.0 26.4

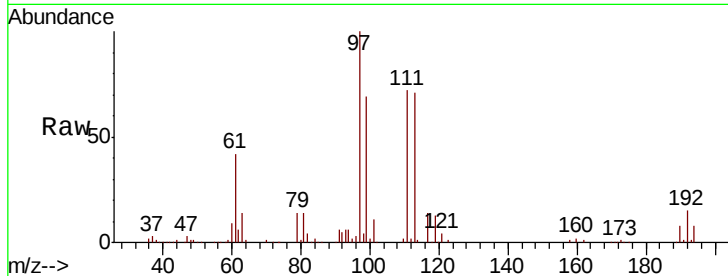




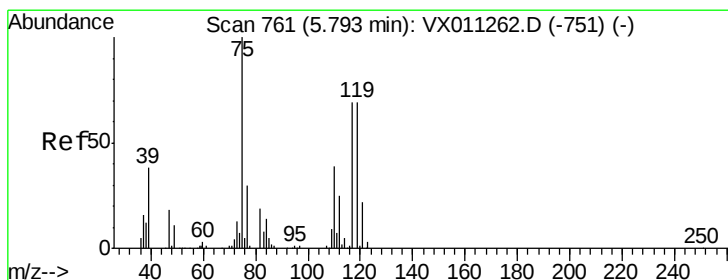
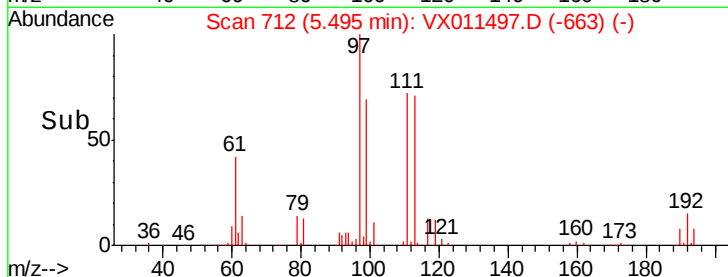
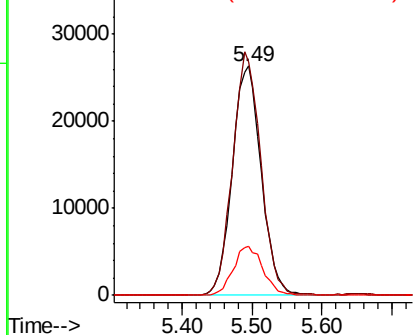
#35
 Dibromofluoromethane
 Concen: 50.449 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX011497.D
 Acq: 12 Aug 2019 20:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:113 Resp: 75871
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.9 122.9
 192 21.7 17.8 26.8

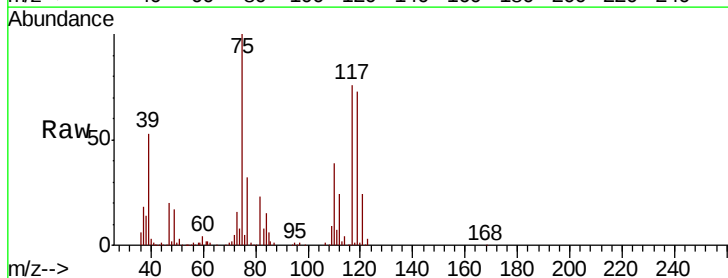


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

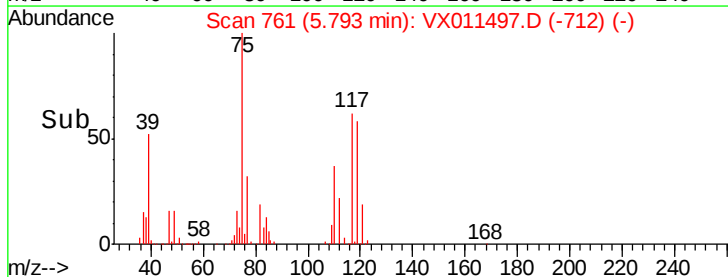
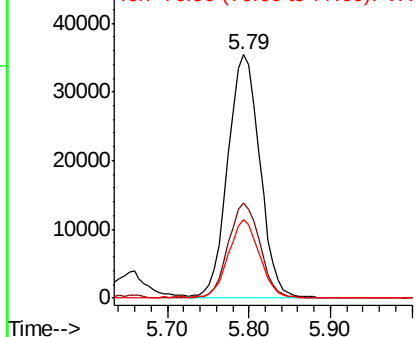


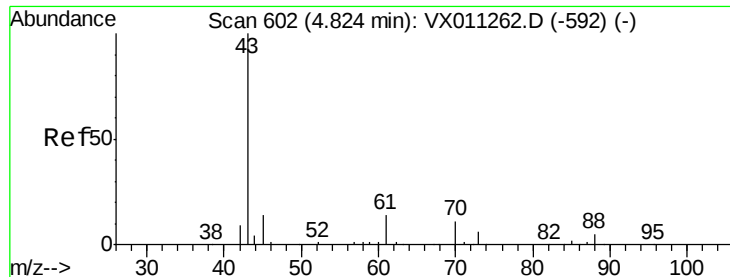
#36
 1,1-Dichloropropene
 Concen: 48.016 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. 0.00 min
 Lab File: VX011497.D
 Acq: 12 Aug 2019 20:33

Tgt Ion: 75 Resp: 96568
 Ion Ratio Lower Upper
 75 100
 110 38.5 20.0 59.9
 77 31.3 24.8 37.2



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

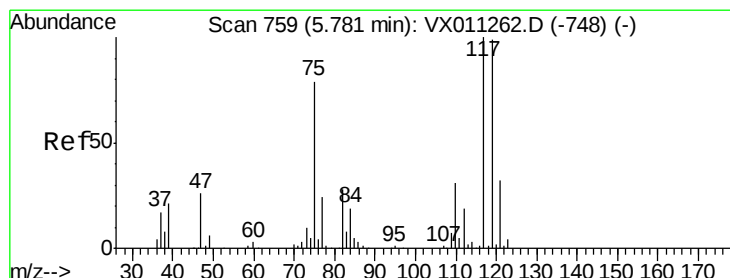
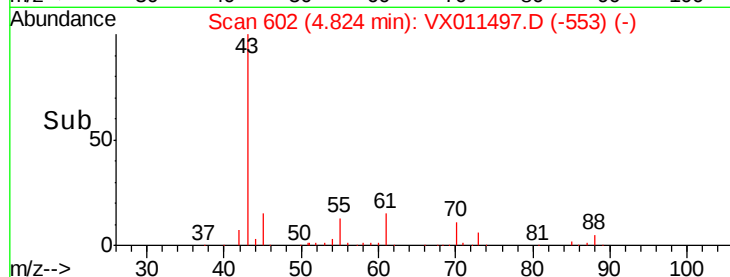
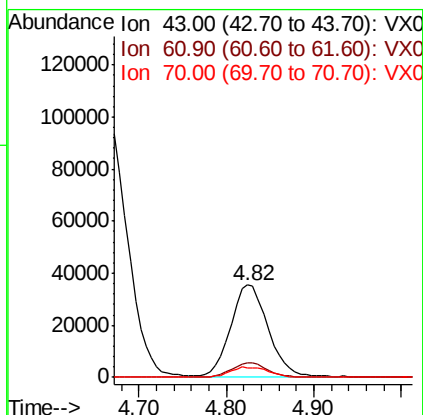
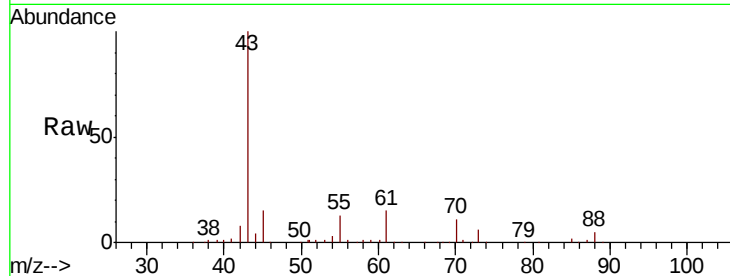




#37
Ethyl Acetate
Concen: 51.731 ug/l
RT: 4.82 min Scan# 602
Delta R.T. 0.00 min
Lab File: VX011497.D
Acq: 12 Aug 2019 20:33

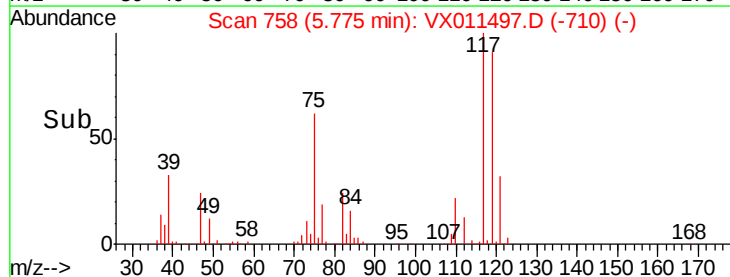
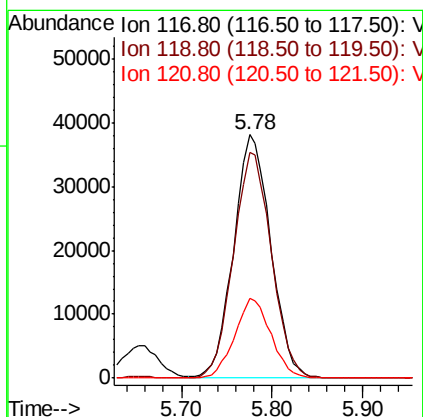
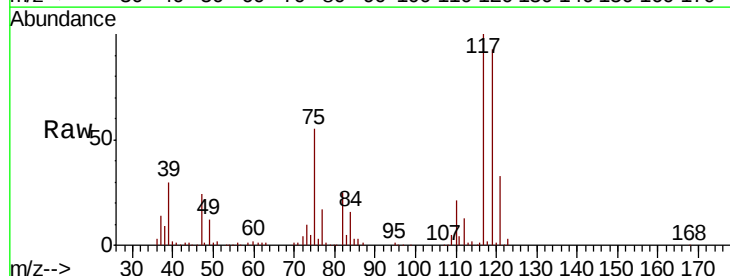
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

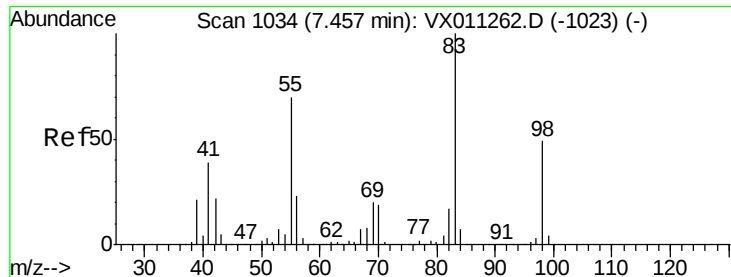
Tgt Ion: 43 Resp: 104360
Ion Ratio Lower Upper
43 100
61 15.0 12.6 18.8
70 11.8 9.1 13.7



#38
Carbon Tetrachloride
Concen: 53.542 ug/l
RT: 5.78 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX011497.D
Acq: 12 Aug 2019 20:33

Tgt Ion: 117 Resp: 108336
Ion Ratio Lower Upper
117 100
119 92.5 79.0 118.4
121 32.5 25.9 38.9

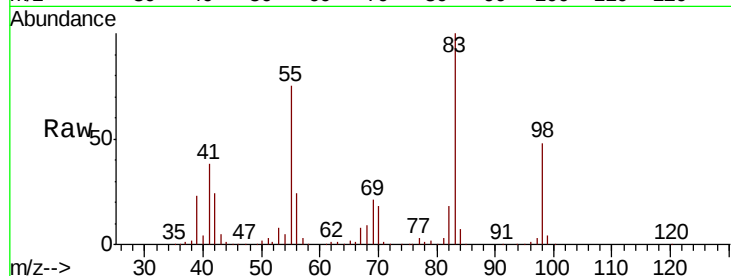




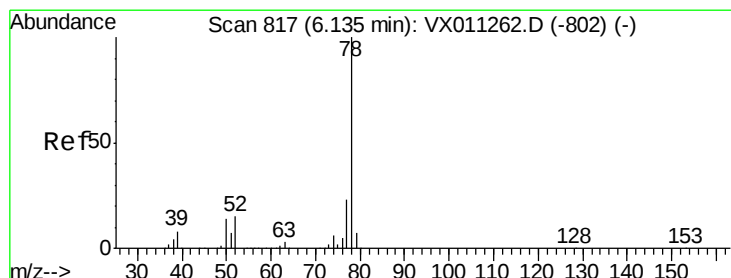
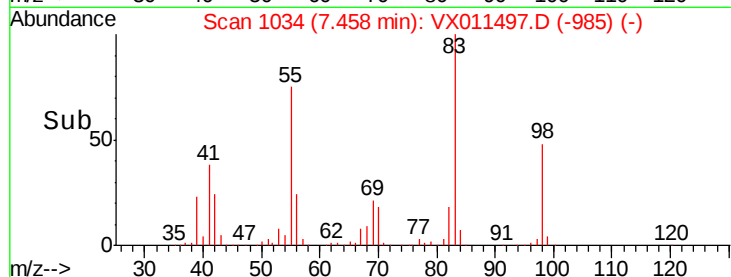
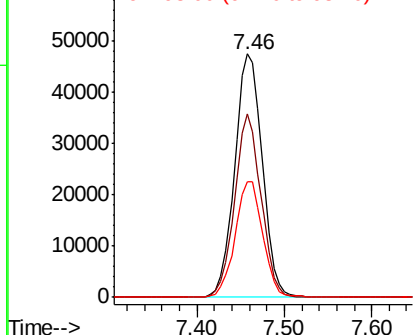
#39
Methylcyclohexane
Concen: 43.751 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX011497.D
Acq: 12 Aug 2019 20:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 104298
Ion Ratio Lower Upper
83 100
55 75.2 56.1 84.1
98 47.7 39.0 58.4

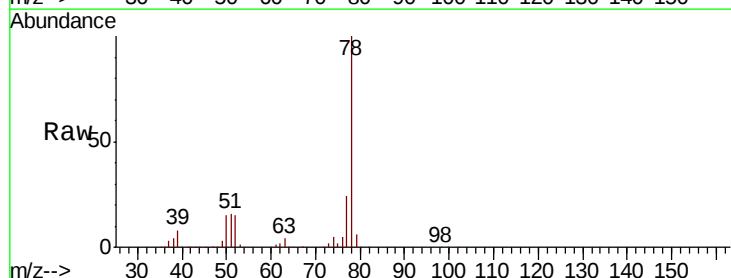


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

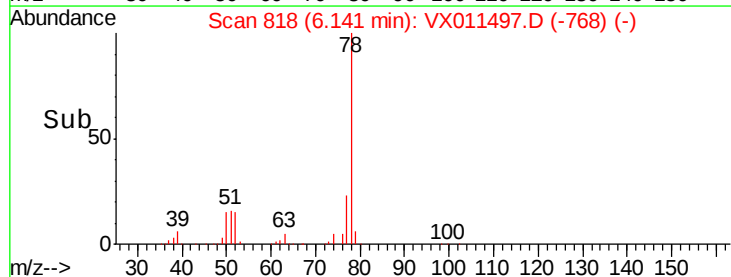
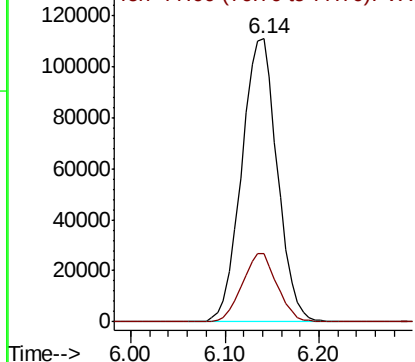


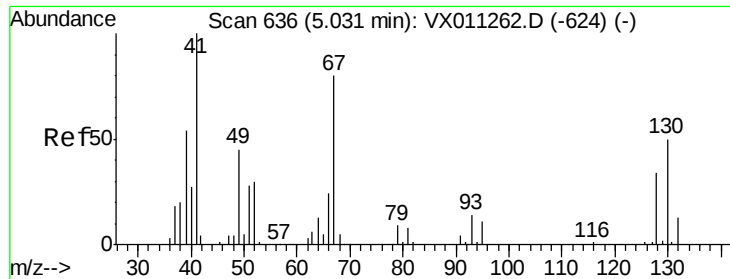
#40
Benzene
Concen: 49.001 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.01 min
Lab File: VX011497.D
Acq: 12 Aug 2019 20:33

Tgt Ion: 78 Resp: 294079
Ion Ratio Lower Upper
78 100
77 24.0 18.2 27.2



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

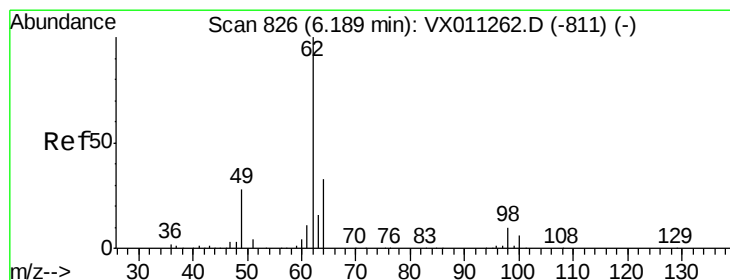
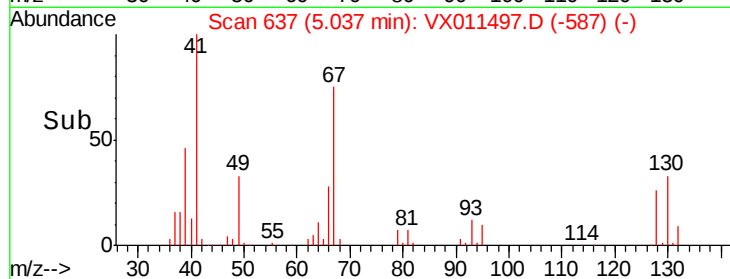
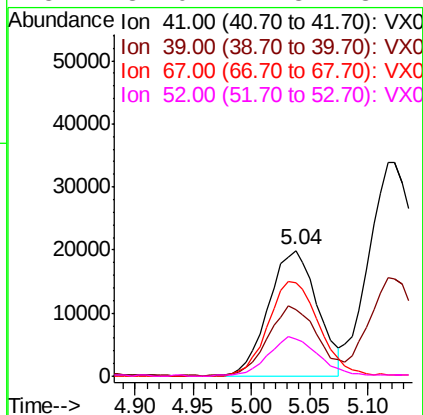
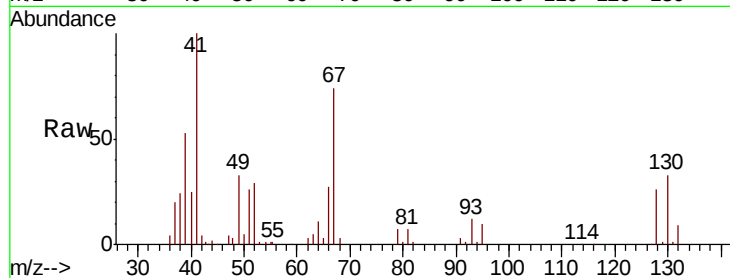




#41
Methacrylonitrile
Concen: 53.013 ug/l
RT: 5.04 min Scan# 637
Delta R.T. 0.01 min
Lab File: VX011497.D
Acq: 12 Aug 2019 20:33

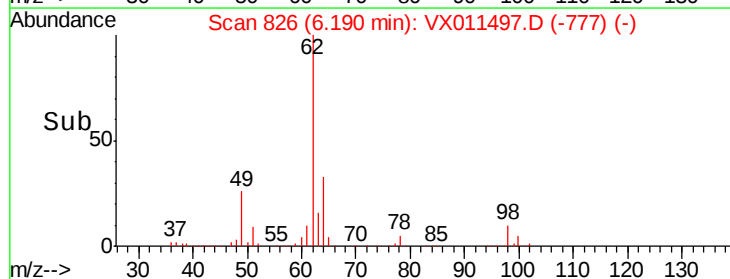
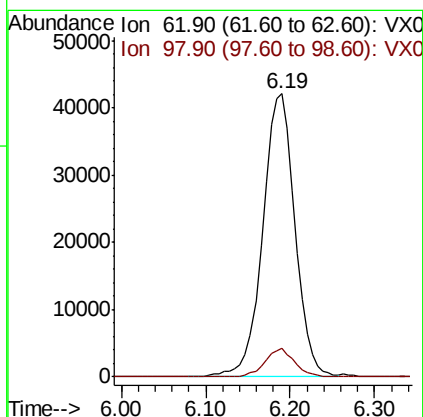
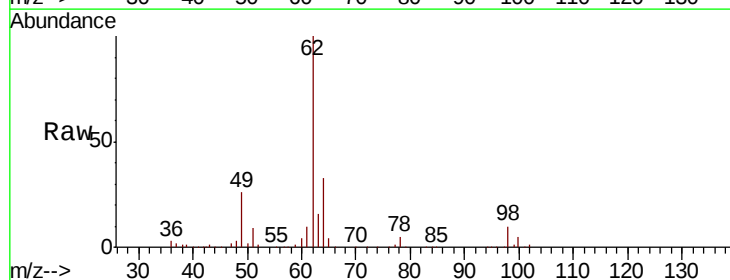
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

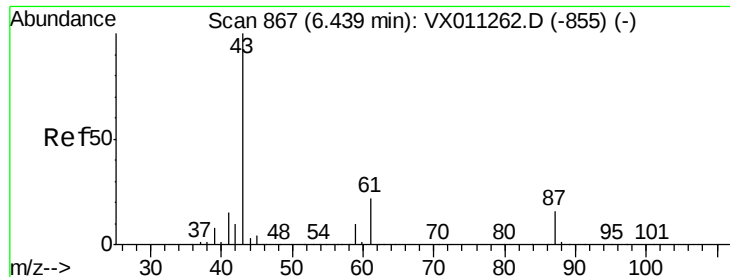
Tgt Ion:	41	Resp:	58406
Ion	Ratio	Lower	Upper
41	100		
39	56.4	43.0	64.6
67	78.9	65.1	97.7
52	32.0	24.8	37.2



#42
1,2-Dichloroethane
Concen: 54.889 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX011497.D
Acq: 12 Aug 2019 20:33

Tgt Ion:	62	Resp:	111392
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	20.6





#43

Isopropyl Acetate

Concen: 52.761 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: VX011497.D

Acq: 12 Aug 2019 20:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

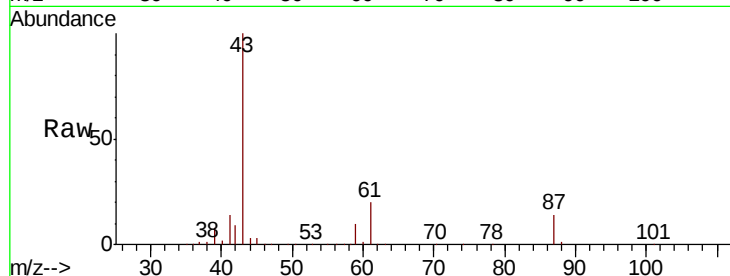
Tgt Ion: 43 Resp: 170170

Ion Ratio Lower Upper

43 100

61 20.5 16.5 24.7

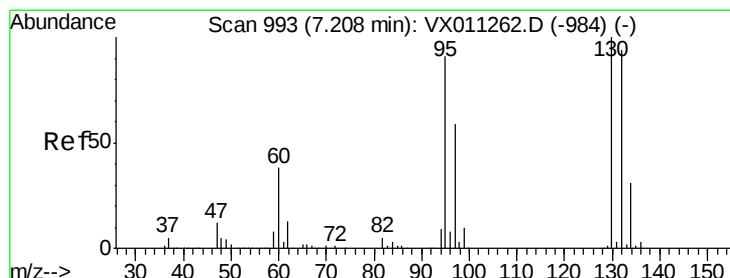
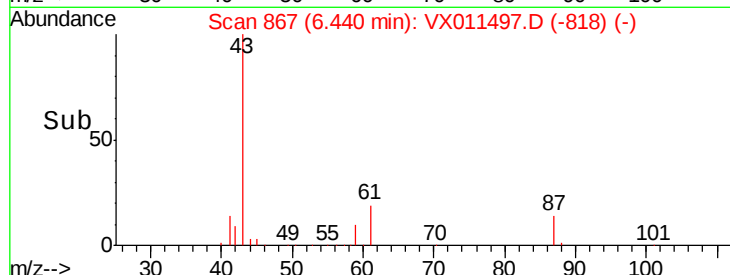
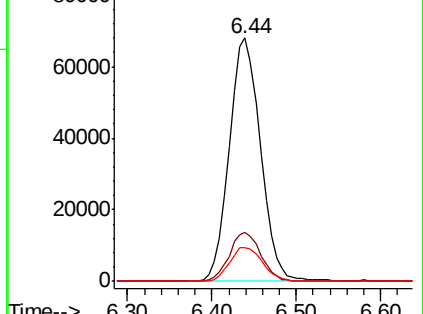
87 14.8 12.1 18.1



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: 47.644 ug/l

RT: 7.21 min Scan# 993

Delta R.T. 0.00 min

Lab File: VX011497.D

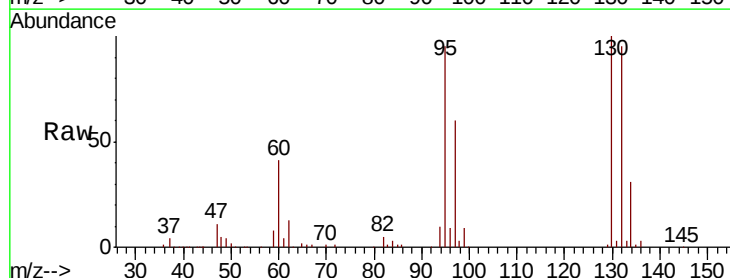
Acq: 12 Aug 2019 20:33

Tgt Ion: 130 Resp: 86549

Ion Ratio Lower Upper

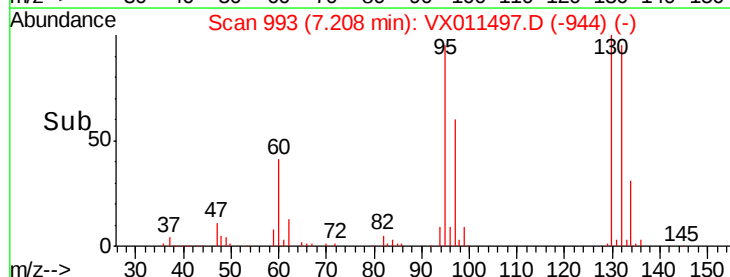
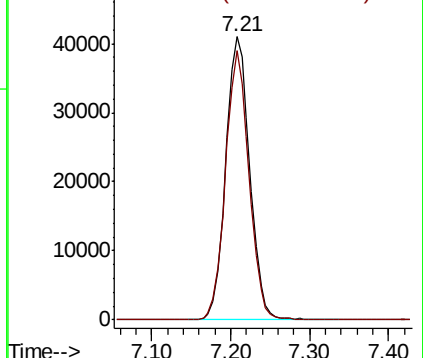
130 100

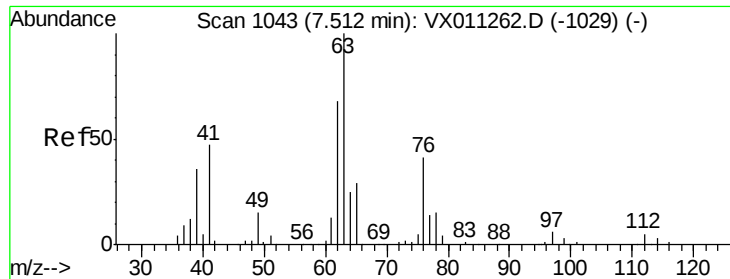
95 95.1 0.0 182.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 49.036 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX011497.D

Acq: 12 Aug 2019 20:33

Instrument :

MSVOA_X

ClientSampleId :

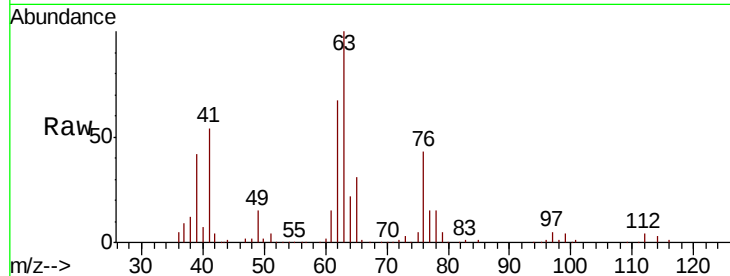
VSTDCCC050EC

Tgt Ion: 63 Resp: 76215

Ion Ratio Lower Upper

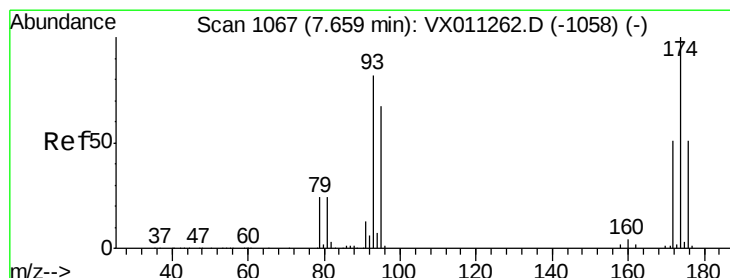
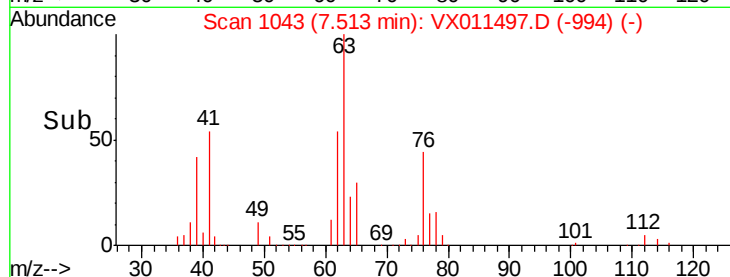
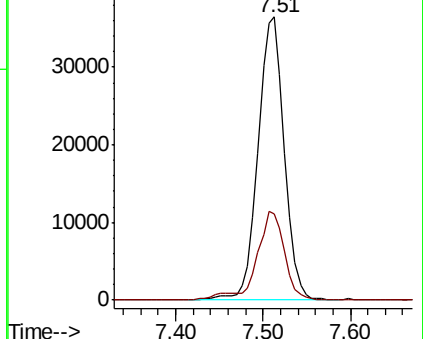
63 100

65 30.7 23.3 34.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 49.268 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX011497.D

Acq: 12 Aug 2019 20:33

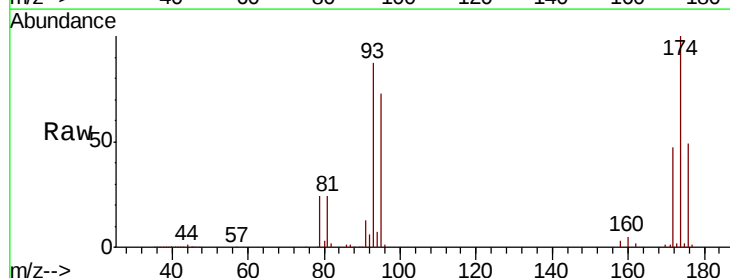
Tgt Ion: 93 Resp: 55902

Ion Ratio Lower Upper

93 100

95 84.3 66.4 99.6

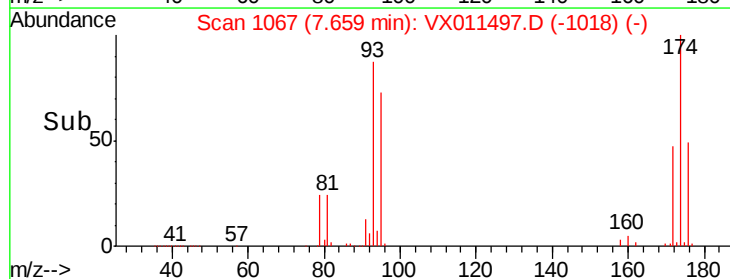
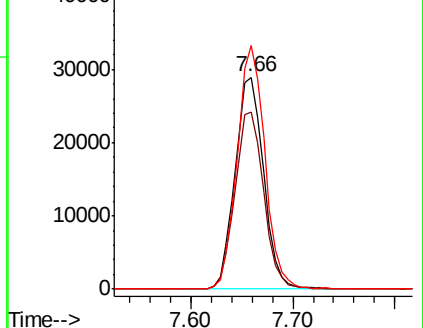
174 111.6 93.4 140.2

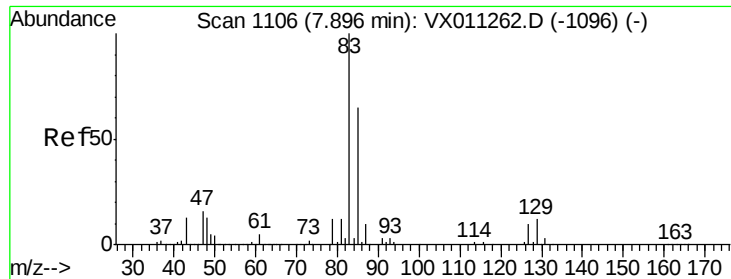


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 54.888 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX011497.D

Acq: 12 Aug 2019 20:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

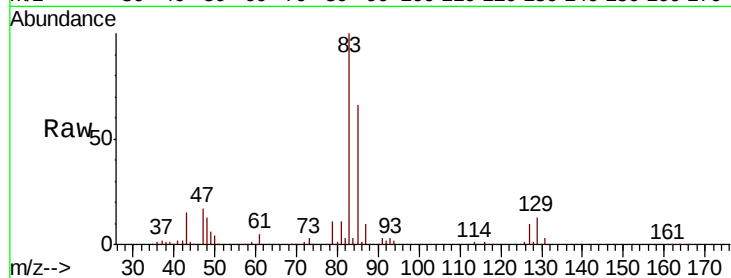
Tgt Ion: 83 Resp: 105443

Ion Ratio Lower Upper

83 100

85 65.6 52.2 78.2

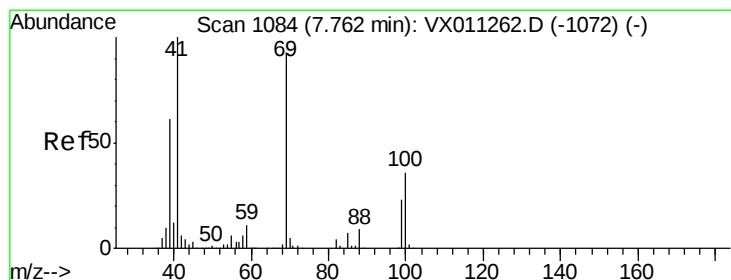
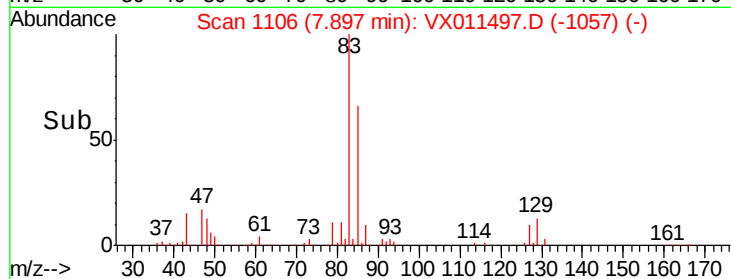
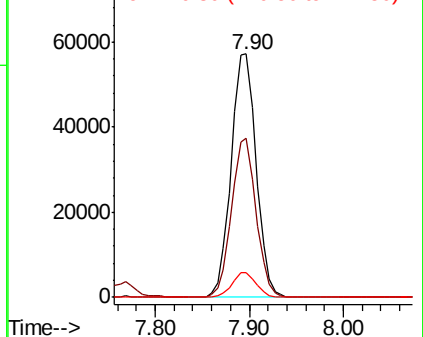
127 10.1 7.8 11.8



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: 55.046 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.01 min

Lab File: VX011497.D

Acq: 12 Aug 2019 20:33

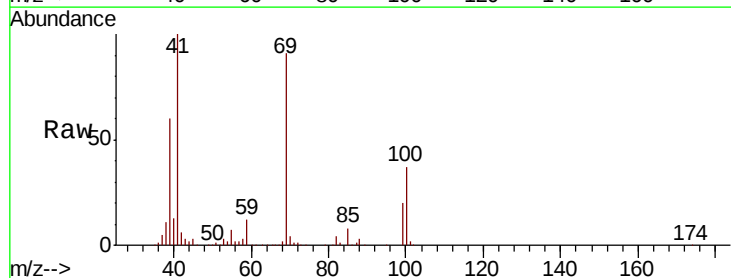
Tgt Ion: 41 Resp: 83552

Ion Ratio Lower Upper

41 100

69 88.4 74.5 111.7

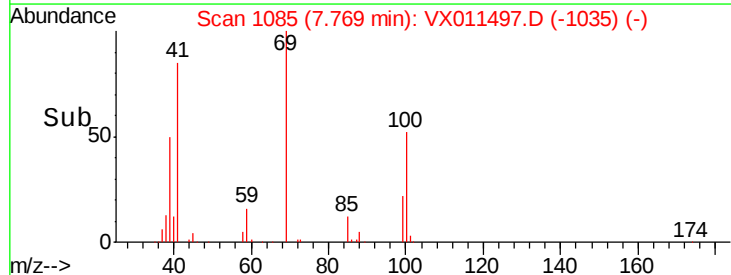
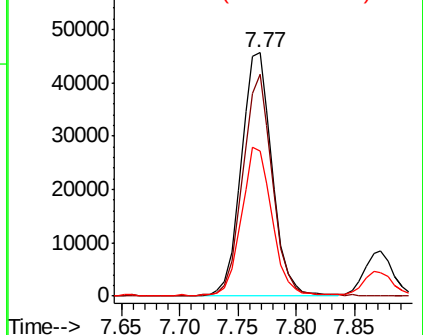
39 60.9 48.6 72.8

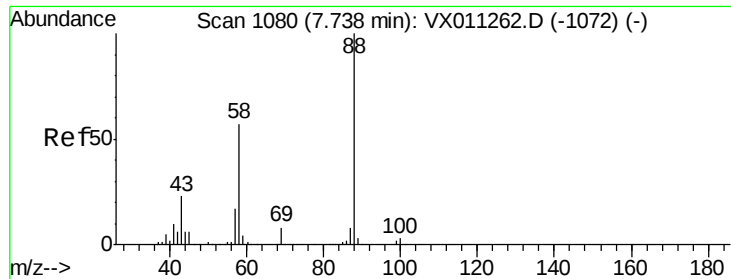


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

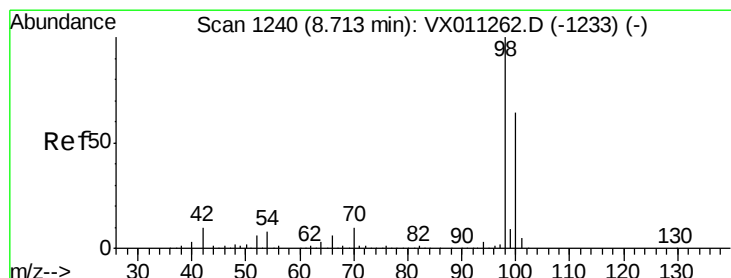
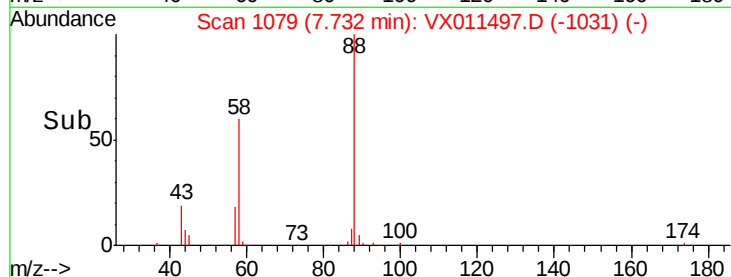
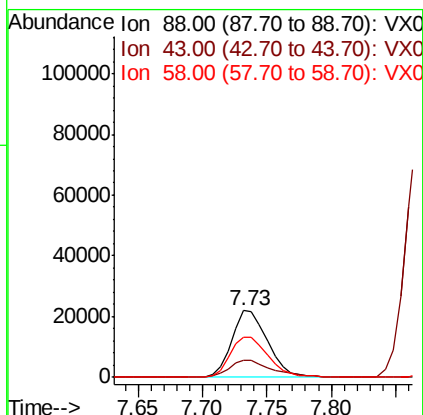
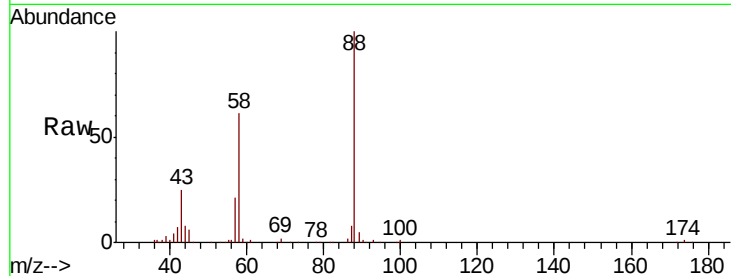




#49
 1,4-Dioxane
 Concen: 973.363 ug/l
 RT: 7.73 min Scan# 1079
 Delta R.T. -0.01 min
 Lab File: VX011497.D
 Acq: 12 Aug 2019 20:33

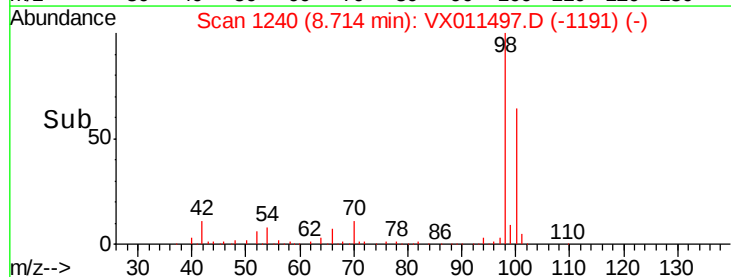
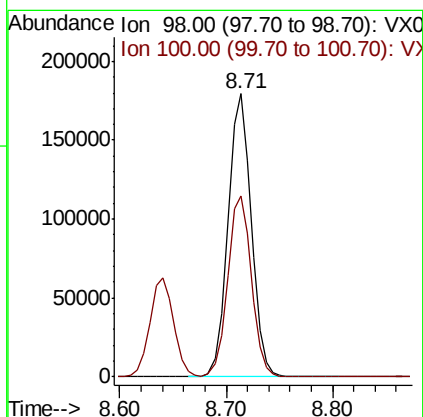
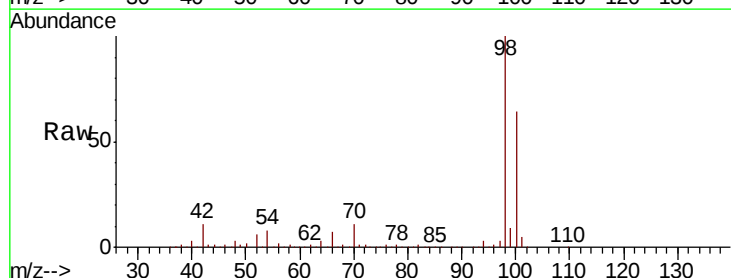
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

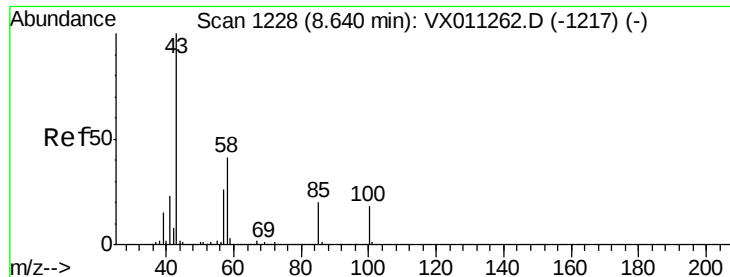
Tgt Ion: 88 Resp: 42832
 Ion Ratio Lower Upper
 88 100
 43 31.4 22.2 33.2
 58 65.2 47.8 71.8



#50
 Toluene-d8
 Concen: 48.369 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX011497.D
 Acq: 12 Aug 2019 20:33

Tgt Ion: 98 Resp: 274578
 Ion Ratio Lower Upper
 98 100
 100 65.0 51.7 77.5

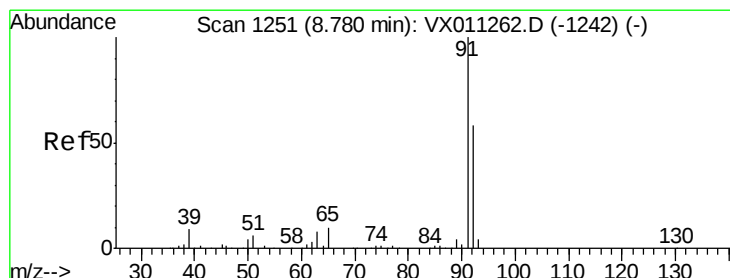
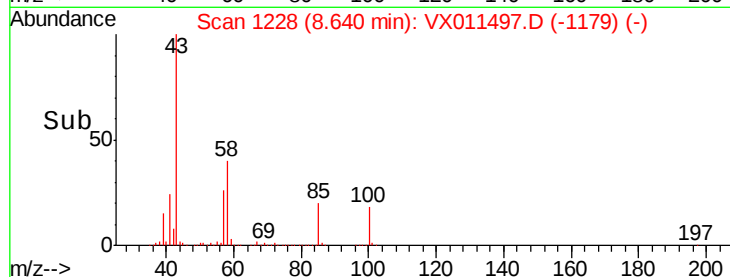
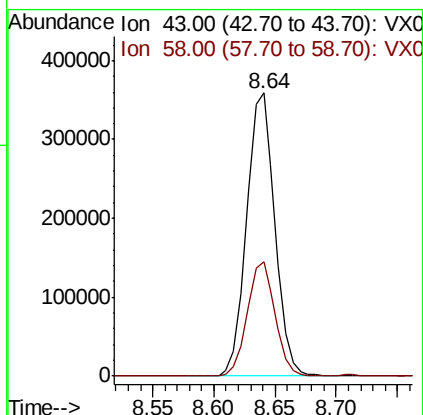
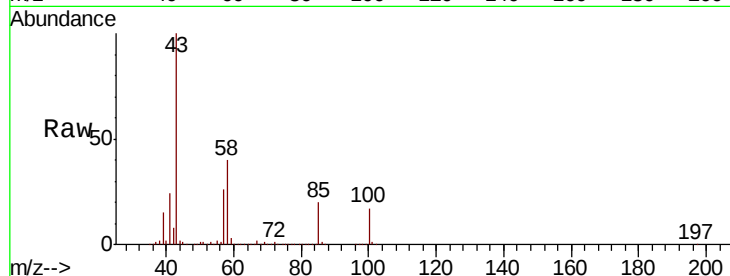




#51
 4-Methyl-2-Pentanone
 Concen: 276.221 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VX011497.D
 Acq: 12 Aug 2019 20:33

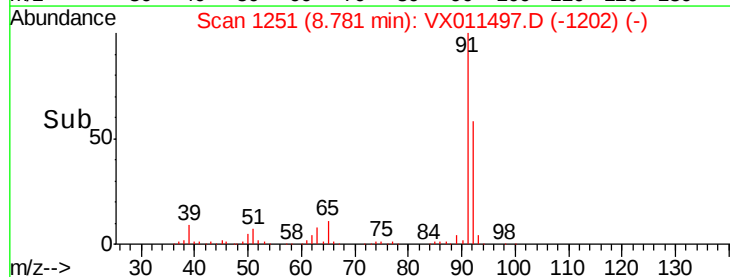
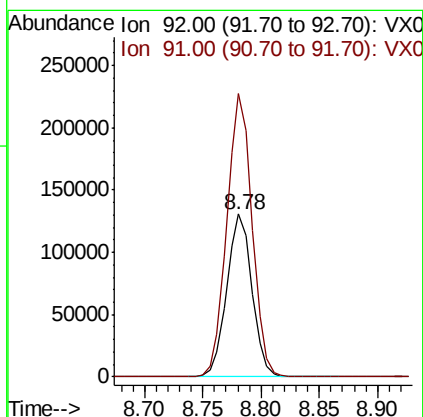
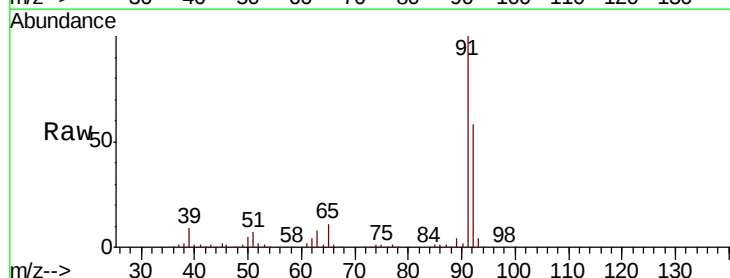
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

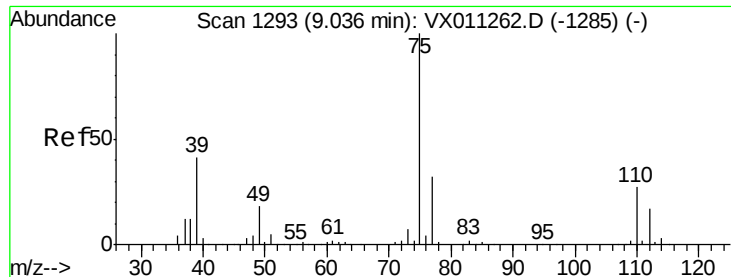
Tgt Ion: 43 Resp: 574947
 Ion Ratio Lower Upper
 43 100
 58 39.8 32.3 48.5



#52
 Toluene
 Concen: 49.734 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: VX011497.D
 Acq: 12 Aug 2019 20:33

Tgt Ion: 92 Resp: 197344
 Ion Ratio Lower Upper
 92 100
 91 173.4 139.4 209.0

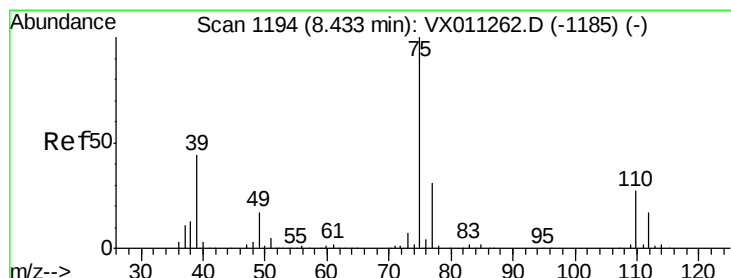
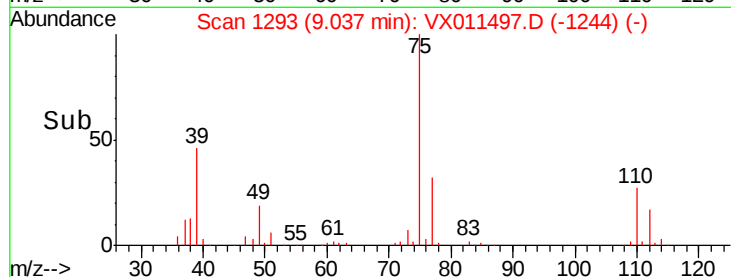
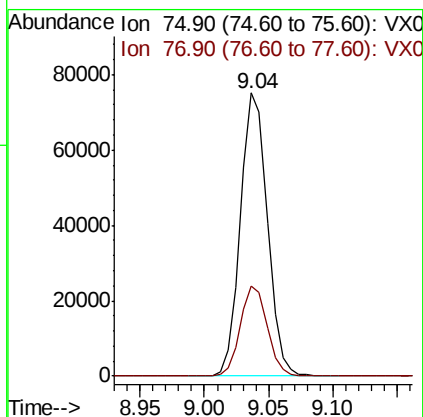
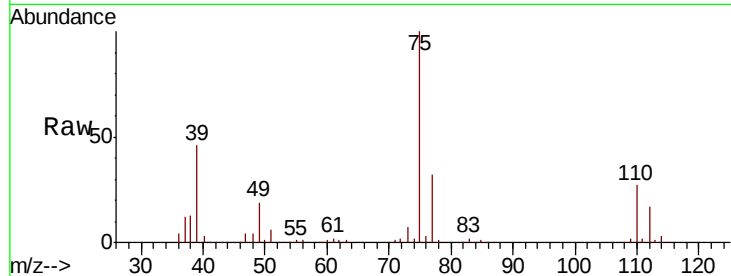




#53
t-1,3-Dichloropropene
Concen: 48.794 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX011497.D
Acq: 12 Aug 2019 20:33

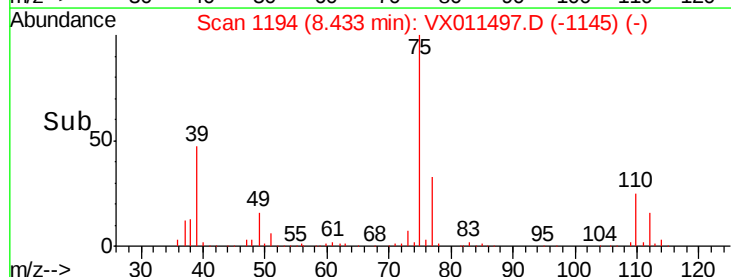
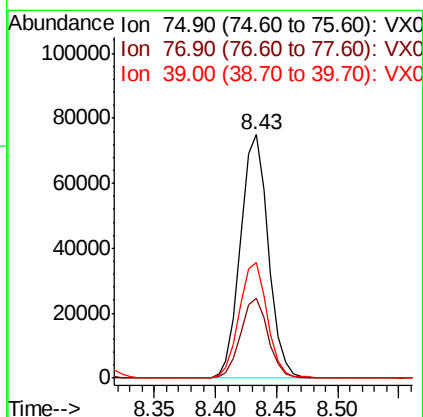
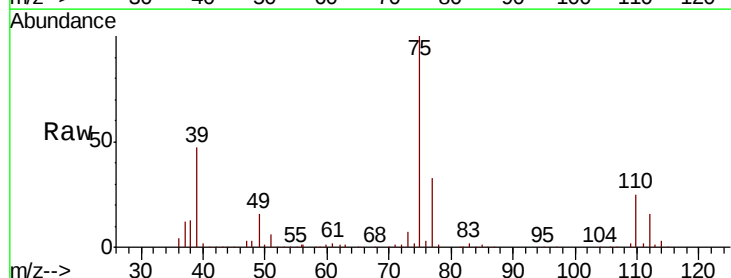
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

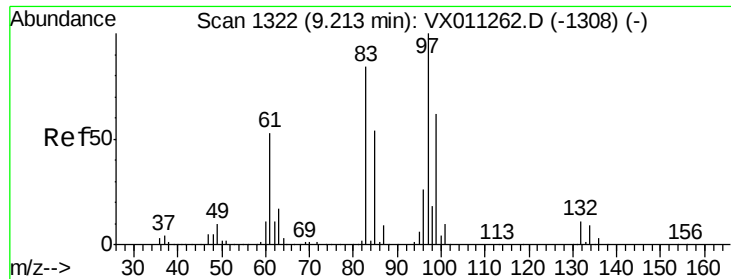
Tgt Ion: 75 Resp: 109002
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 52.643 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX011497.D
Acq: 12 Aug 2019 20:33

Tgt Ion: 75 Resp: 118133
Ion Ratio Lower Upper
75 100
77 32.7 25.0 37.6
39 47.2 35.3 52.9

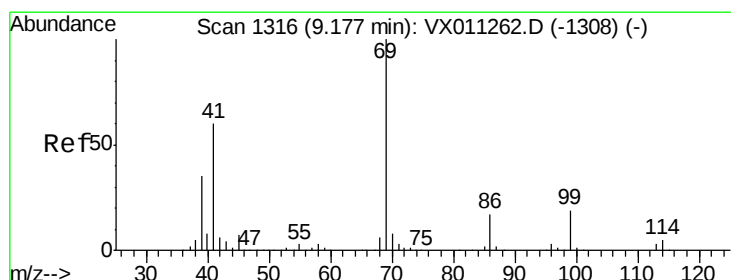
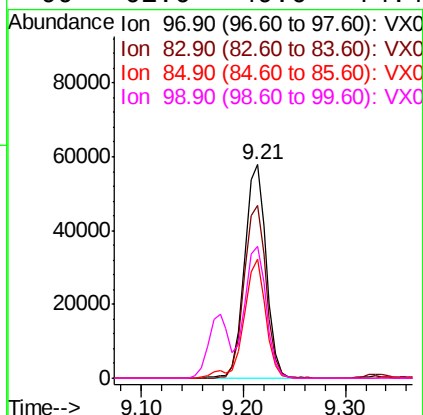
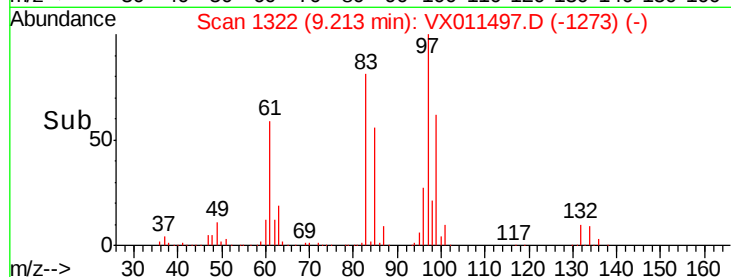
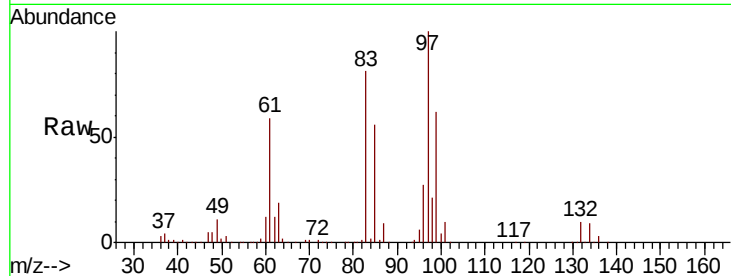




#55
 1,1,2-Trichloroethane
 Concen: 52.090 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX011497.D
 Acq: 12 Aug 2019 20:33

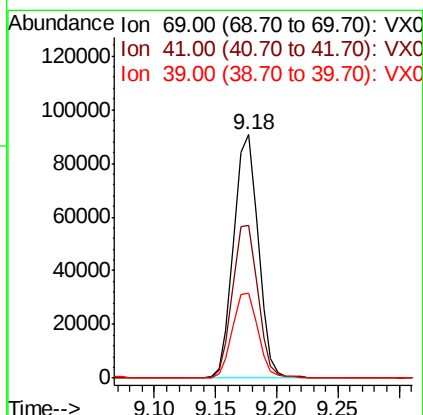
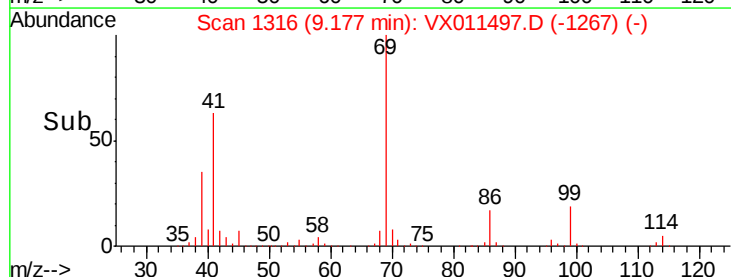
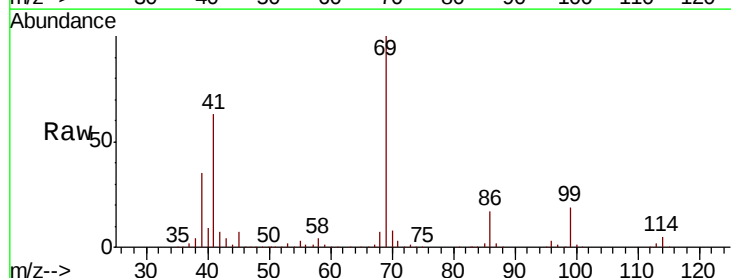
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

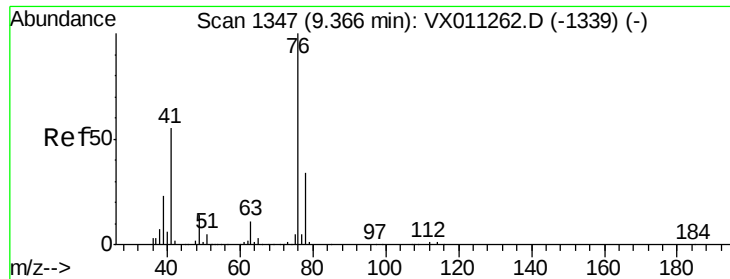
Tgt Ion:	97	Resp:	84983
Ion	Ratio	Lower	Upper
97	100		
83	80.9	67.6	101.4
85	55.8	43.4	65.0
99	61.6	49.6	74.4



#56
 Ethyl methacrylate
 Concen: 54.242 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX011497.D
 Acq: 12 Aug 2019 20:33

Tgt Ion:	69	Resp:	126108
Ion	Ratio	Lower	Upper
69	100		
41	64.8	48.6	73.0
39	36.3	29.4	44.2





#57

1,3-Dichloropropane

Concen: 51.352 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. 0.00 min

Lab File: VX011497.D

Acq: 12 Aug 2019 20:33

Instrument :

MSVOA_X

ClientSampleId :

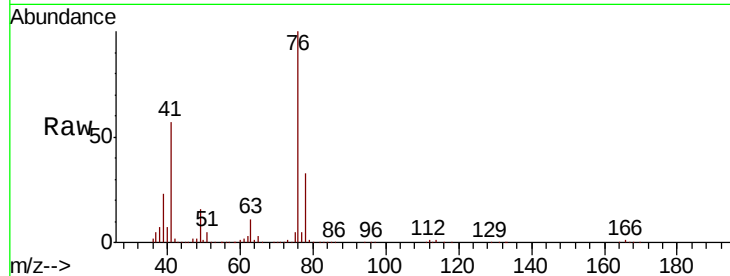
VSTDCCC050EC

Tgt Ion: 76 Resp: 132497

Ion Ratio Lower Upper

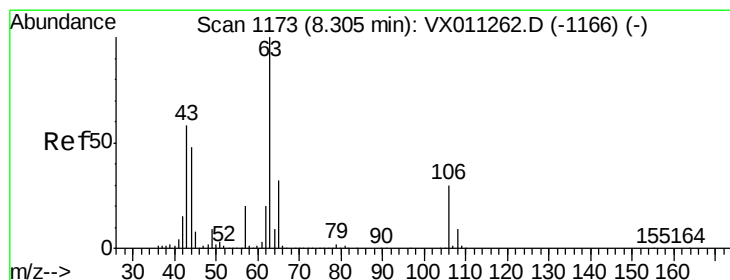
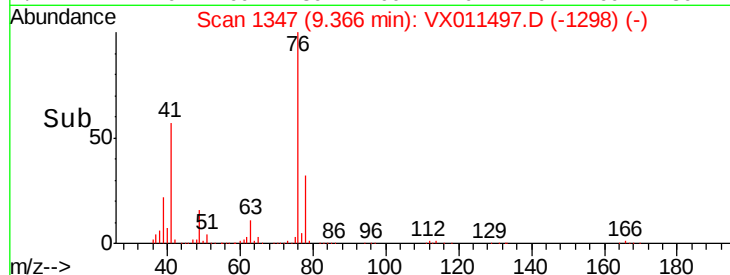
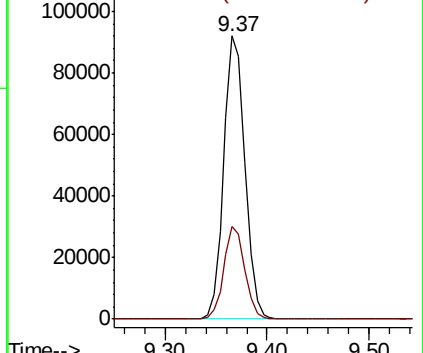
76 100

78 32.1 26.6 40.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 257.301 ug/l

RT: 8.31 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VX011497.D

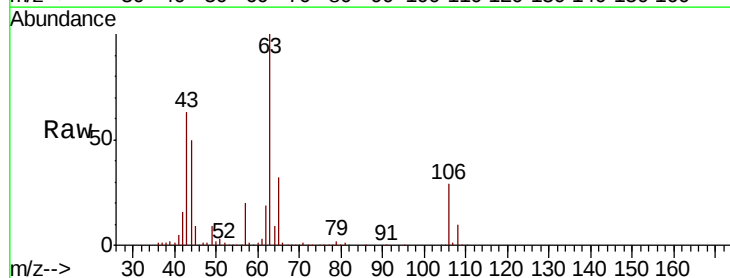
Acq: 12 Aug 2019 20:33

Tgt Ion: 63 Resp: 294133

Ion Ratio Lower Upper

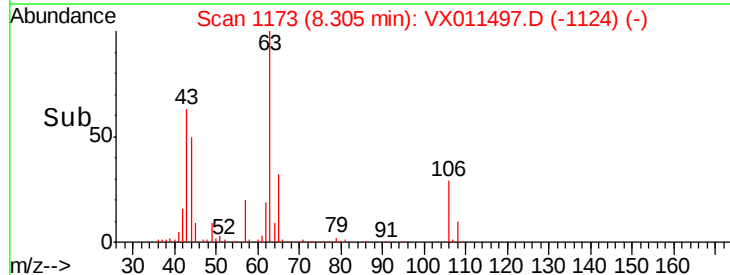
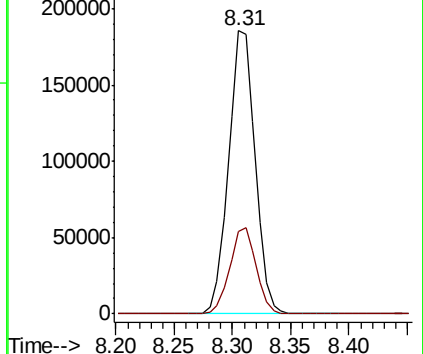
63 100

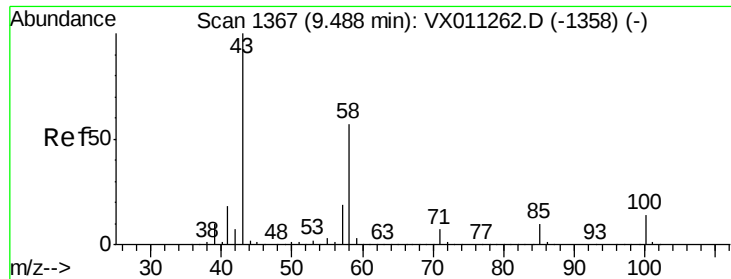
106 30.1 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

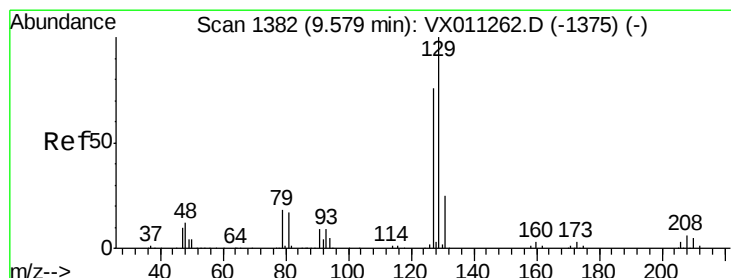
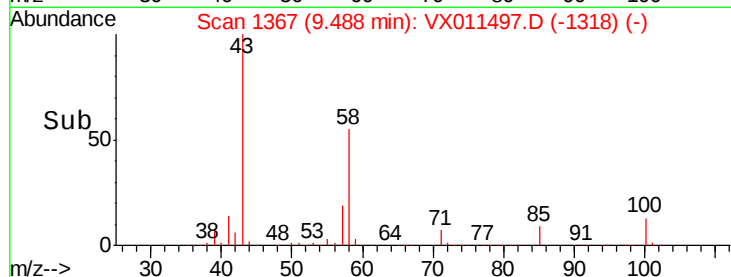
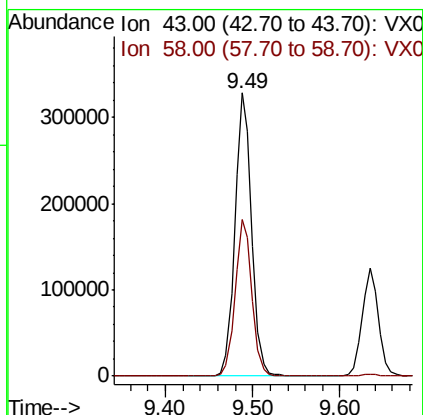
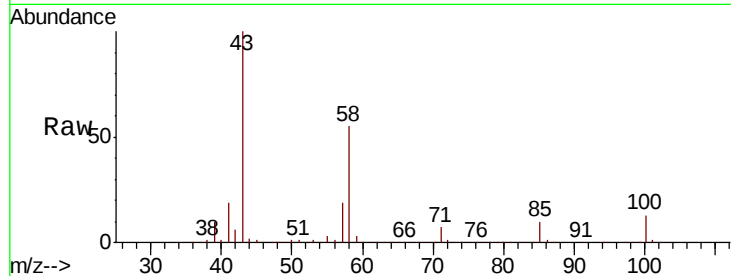




#59
2-Hexanone
Concen: 271.897 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX011497.D
Acq: 12 Aug 2019 20:33

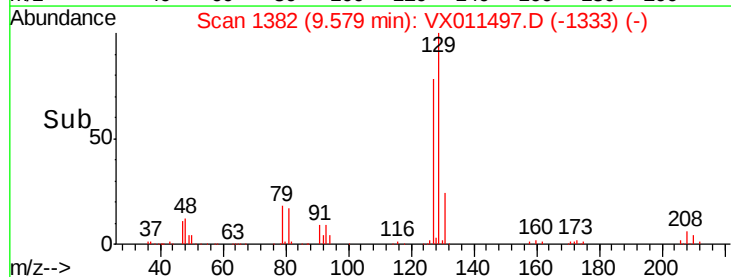
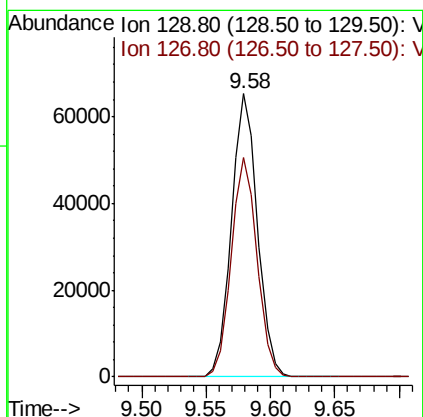
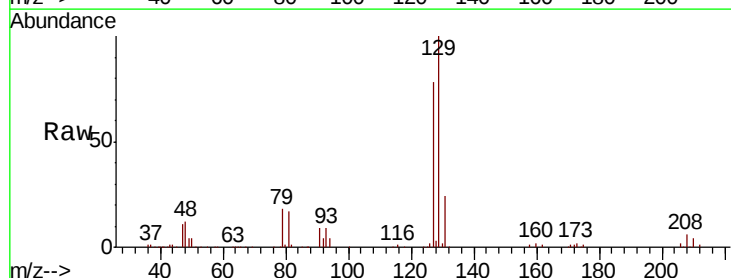
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

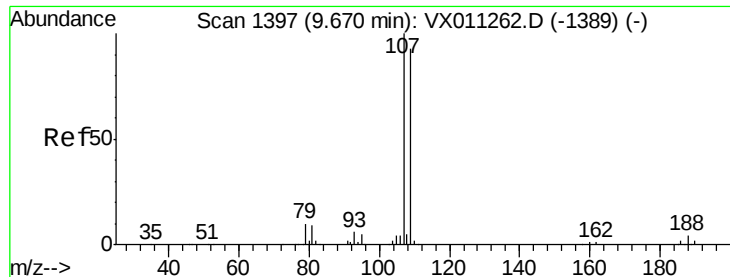
Tgt Ion: 43 Resp: 438362
Ion Ratio Lower Upper
43 100
58 55.6 28.2 84.6



#60
Dibromochloromethane
Concen: 55.038 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011497.D
Acq: 12 Aug 2019 20:33

Tgt Ion: 129 Resp: 91930
Ion Ratio Lower Upper
129 100
127 77.1 39.2 117.6





#61

1,2-Dibromoethane

Concen: 51.585 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX011497.D

Acq: 12 Aug 2019 20:33

Instrument :

MSVOA_X

ClientSampleId :

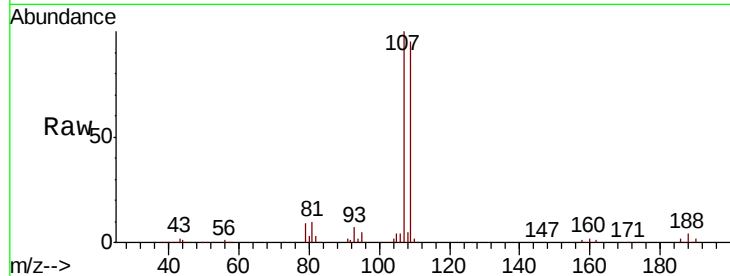
VSTDCCC050EC

Tgt Ion: 107 Resp: 90925

Ion Ratio Lower Upper

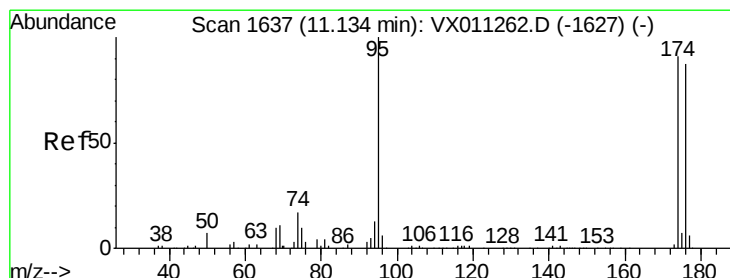
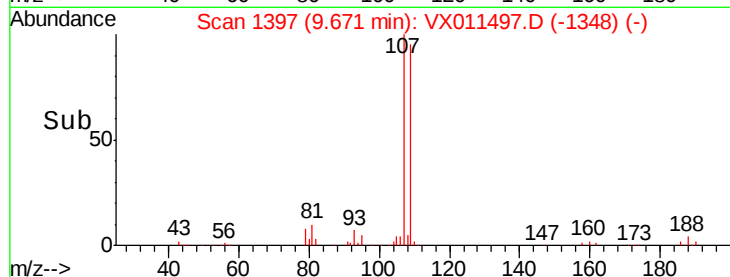
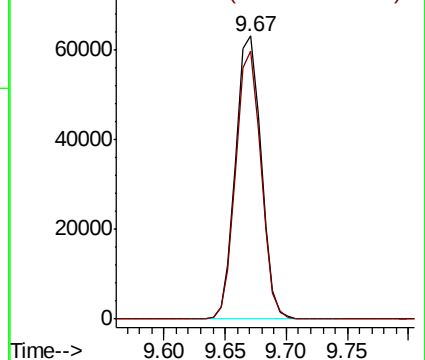
107 100

109 93.6 76.6 114.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.734 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011497.D

Acq: 12 Aug 2019 20:33

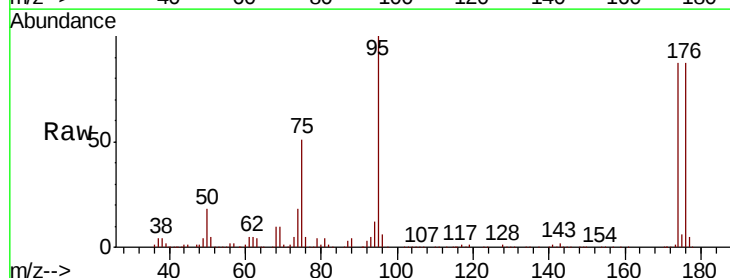
Tgt Ion: 95 Resp: 104853

Ion Ratio Lower Upper

95 100

174 90.6 0.0 191.2

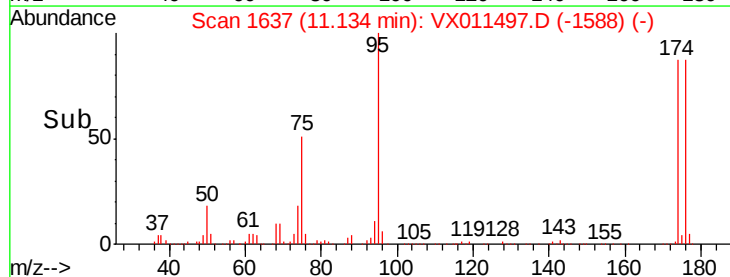
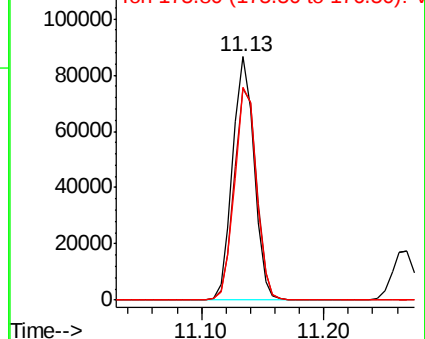
176 88.5 0.0 184.8

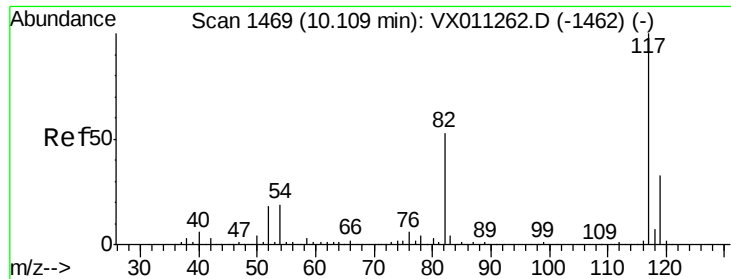


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

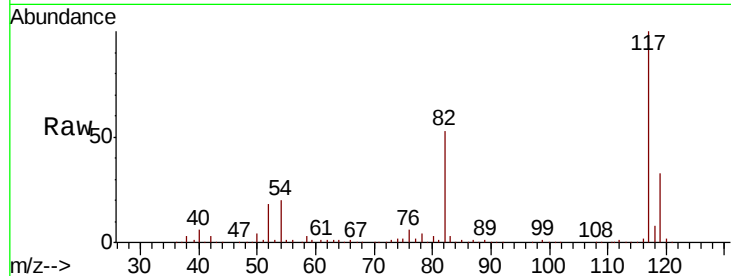




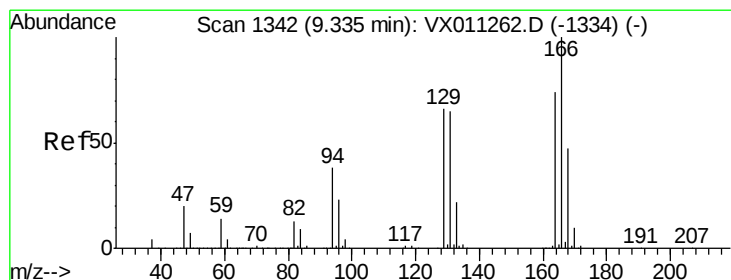
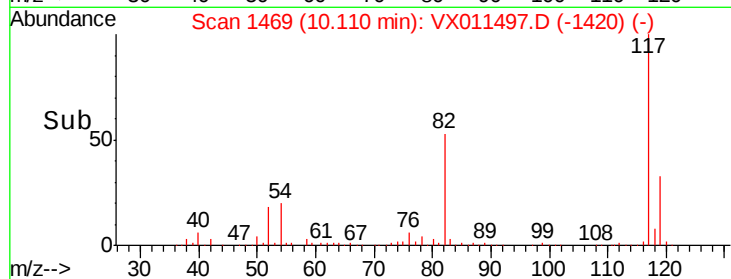
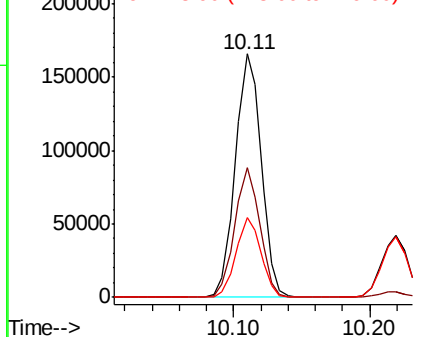
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011497.D
Acq: 12 Aug 2019 20:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 220364
Ion Ratio Lower Upper
117 100
82 53.4 42.2 63.2
119 33.0 26.6 39.8

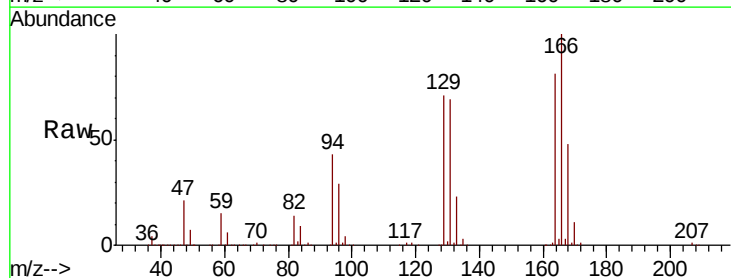


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

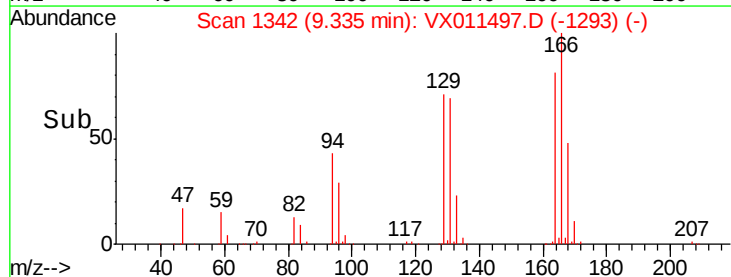
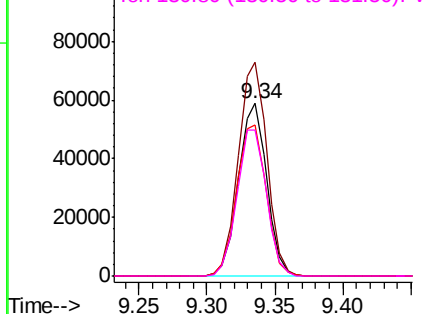


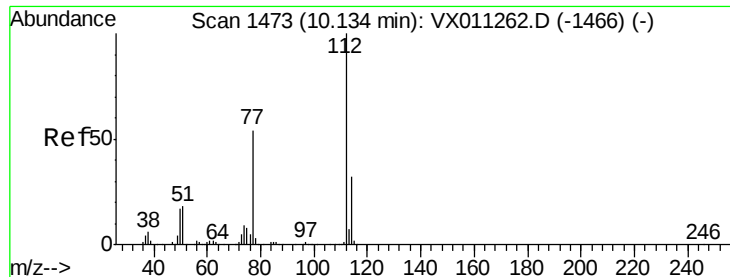
#64
Tetrachloroethene
Concen: 45.622 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX011497.D
Acq: 12 Aug 2019 20:33

Tgt Ion:164 Resp: 85378
Ion Ratio Lower Upper
164 100
166 123.7 107.5 161.3
129 87.4 71.0 106.4
131 84.8 69.8 104.6



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

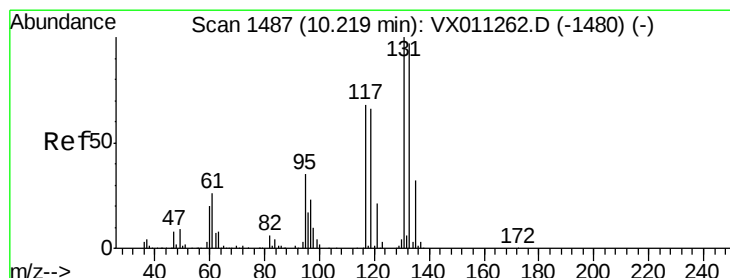
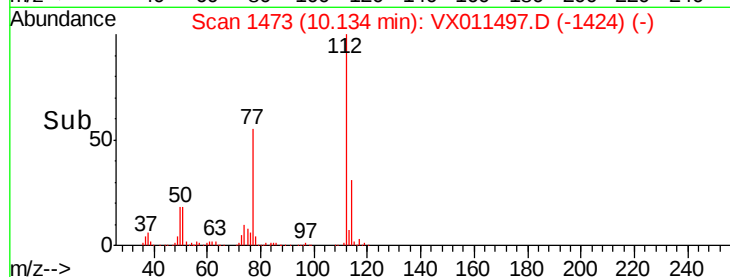
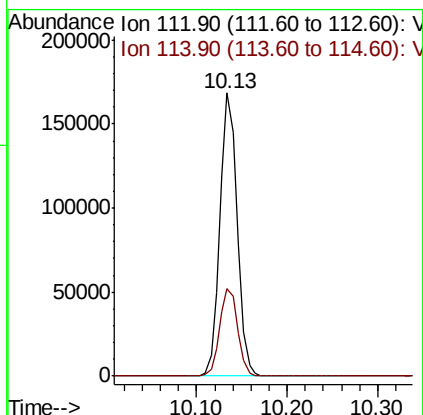
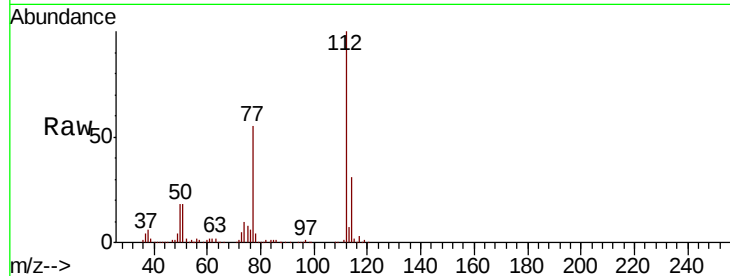




#65
Chlorobenzene
Concen: 47.453 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX011497.D
Acq: 12 Aug 2019 20:33

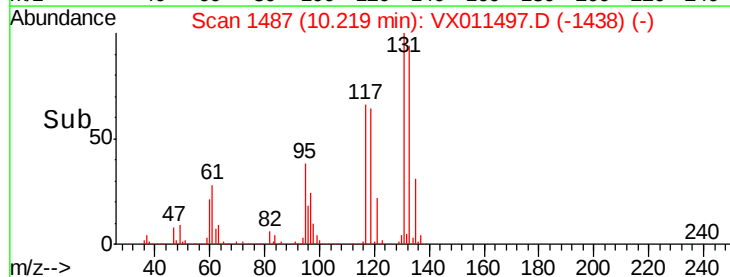
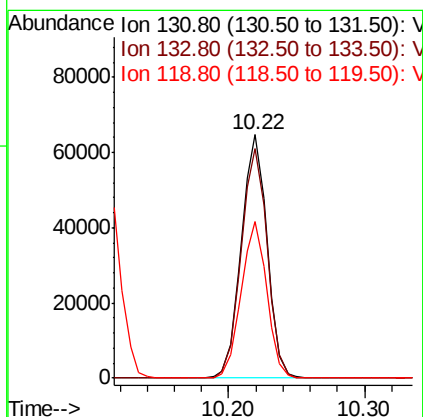
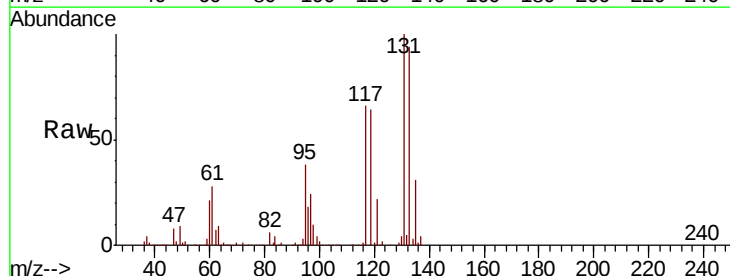
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

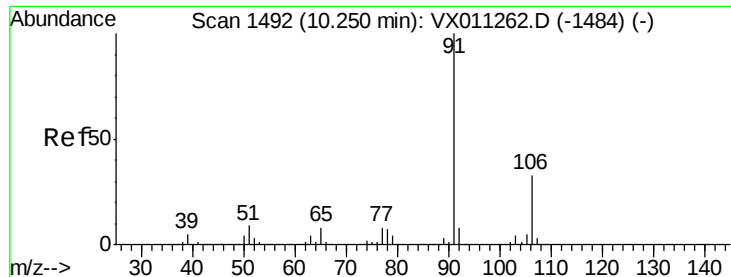
Tgt Ion:112 Resp: 224212
Ion Ratio Lower Upper
112 100
114 30.9 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 52.802 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX011497.D
Acq: 12 Aug 2019 20:33

Tgt Ion:131 Resp: 85411
Ion Ratio Lower Upper
131 100
133 95.6 47.7 143.1
119 64.0 32.8 98.3

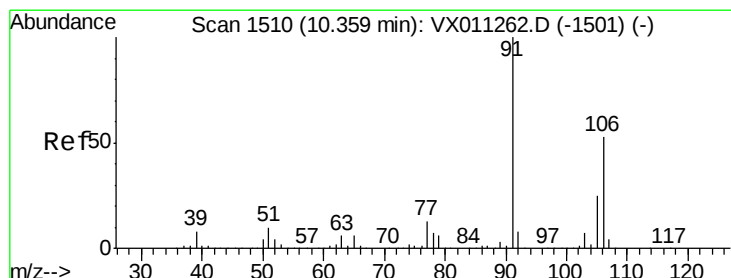
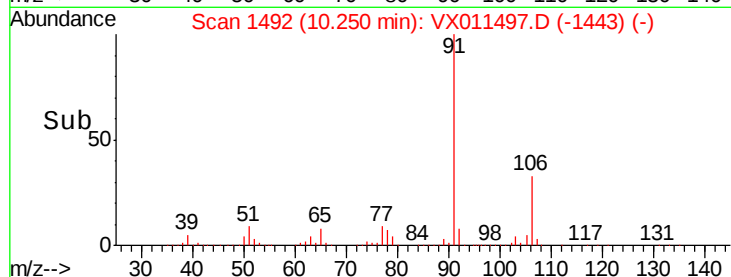
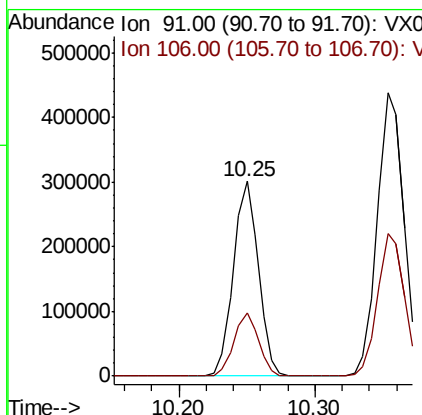
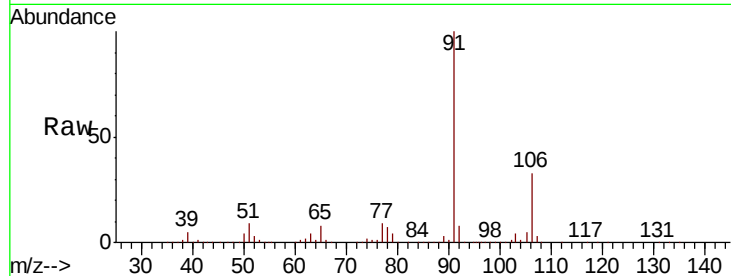




#67
Ethyl Benzene
Concen: 48.750 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX011497.D
Acq: 12 Aug 2019 20:33

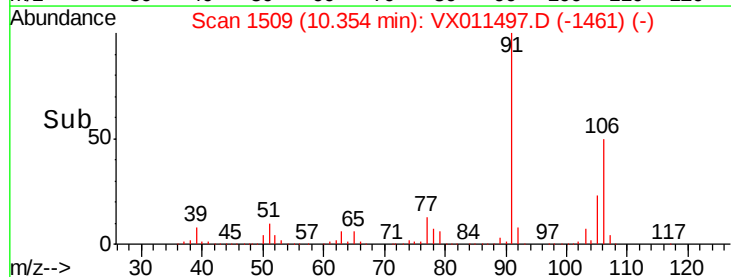
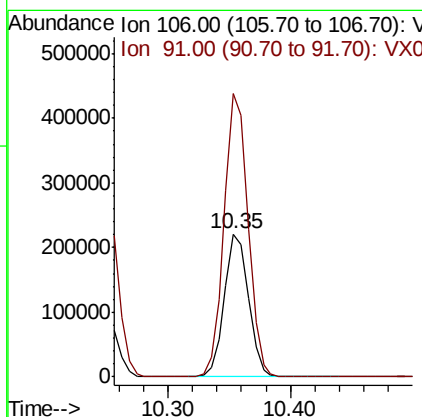
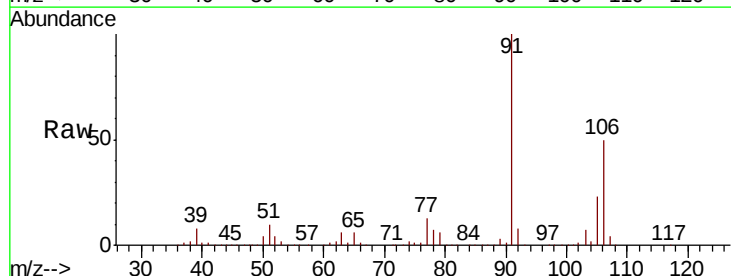
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

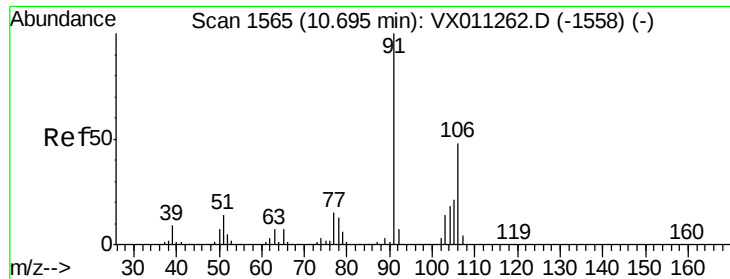
Tgt Ion: 91 Resp: 385761
Ion Ratio Lower Upper
91 100
106 32.7 26.2 39.4



#68
m/p-Xylenes
Concen: 98.341 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX011497.D
Acq: 12 Aug 2019 20:33

Tgt Ion: 106 Resp: 300995
Ion Ratio Lower Upper
106 100
91 197.4 155.9 233.9

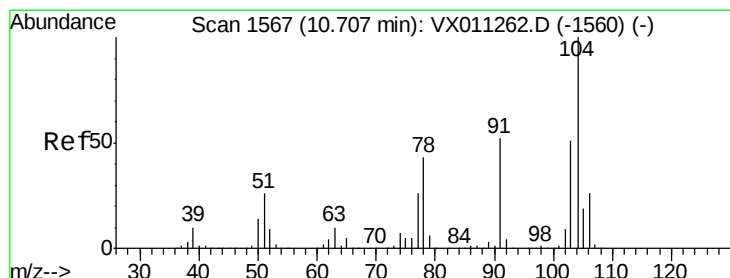
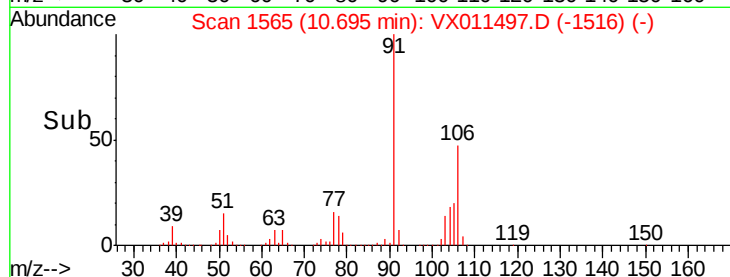
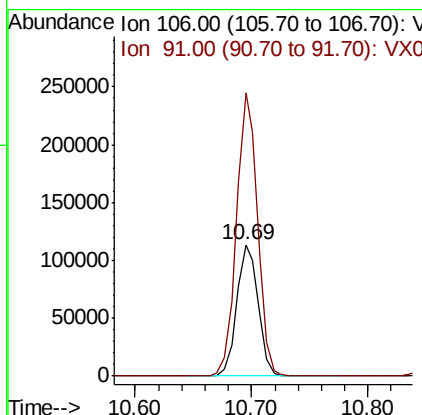
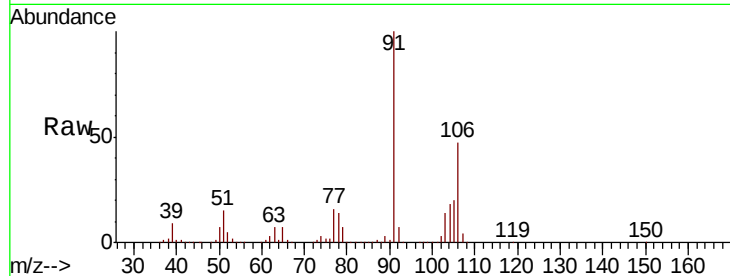




#69
o-Xylene
Concen: 48.300 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011497.D
Acq: 12 Aug 2019 20:33

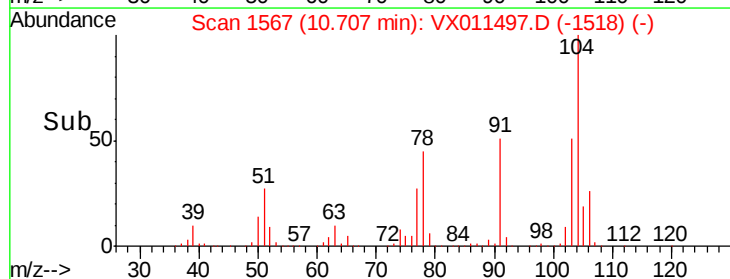
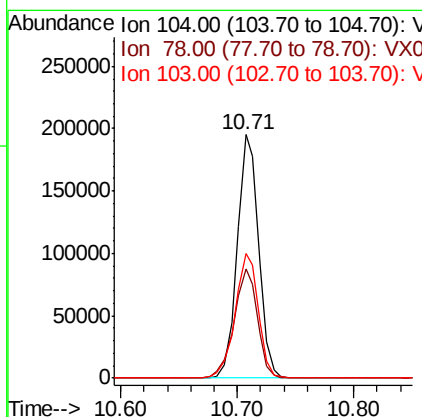
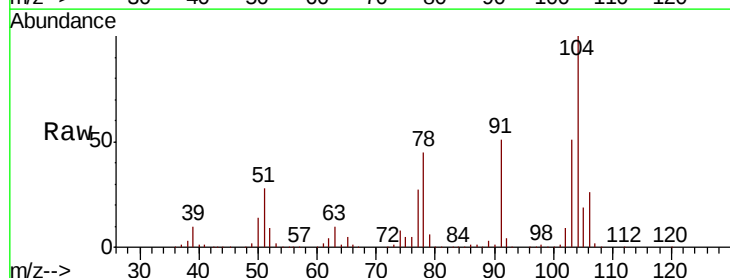
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

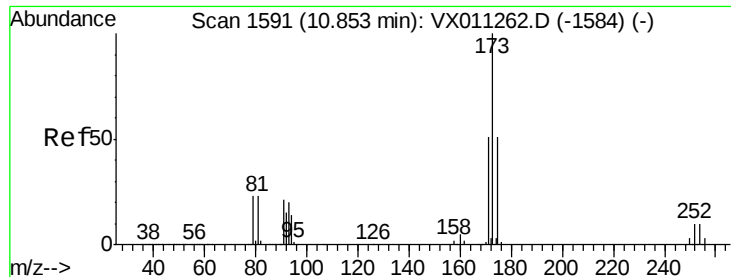
Tgt Ion:106 Resp: 145253
Ion Ratio Lower Upper
106 100
91 211.9 103.8 311.3



#70
Styrene
Concen: 50.327 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX011497.D
Acq: 12 Aug 2019 20:33

Tgt Ion:104 Resp: 250428
Ion Ratio Lower Upper
104 100
78 49.1 36.9 55.3
103 55.3 44.4 66.6





#71

Bromoform

Concen: 47.512 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011497.D

Acq: 12 Aug 2019 20:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

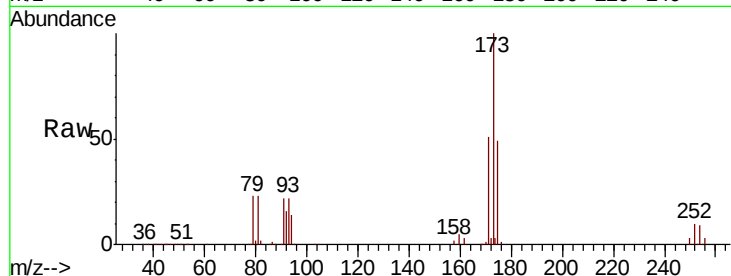
Tgt Ion:173 Resp: 68502

Ion Ratio Lower Upper

173 100

175 48.6 24.4 73.4

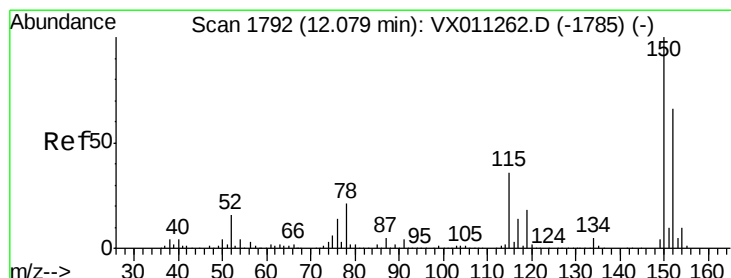
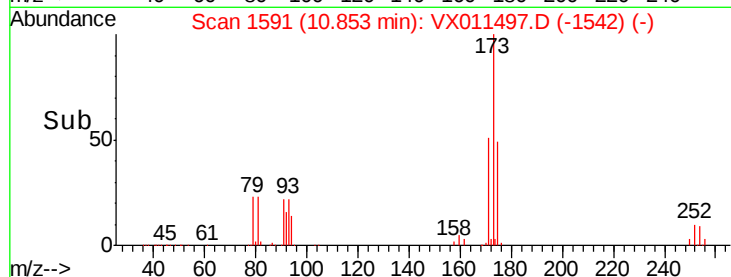
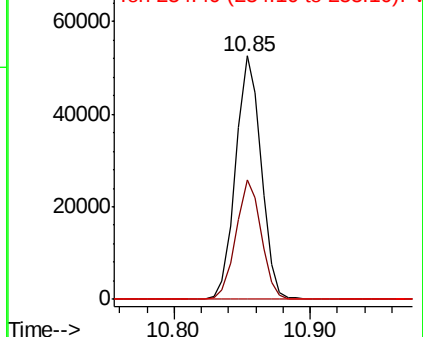
254 0.2 0.2 0.2



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: 12.07 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX011497.D

Acq: 12 Aug 2019 20:33

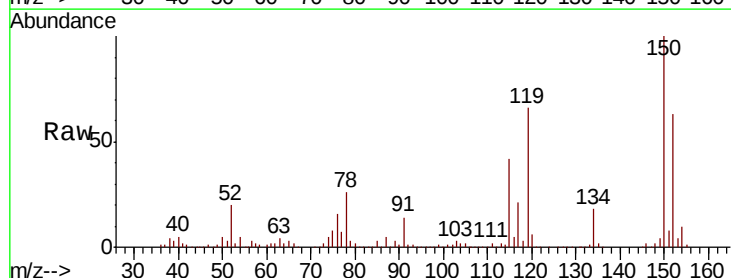
Tgt Ion:152 Resp: 114342

Ion Ratio Lower Upper

152 100

115 80.8 40.0 119.9

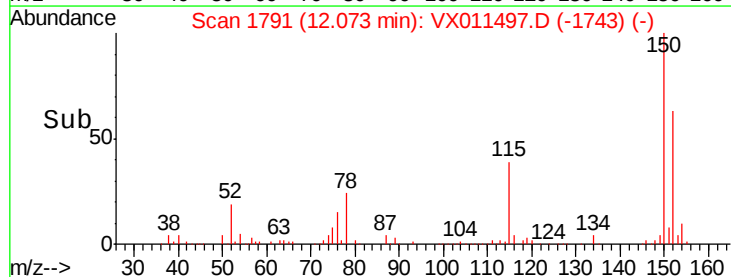
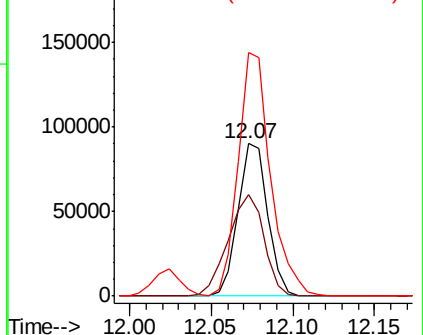
150 174.5 0.0 350.4

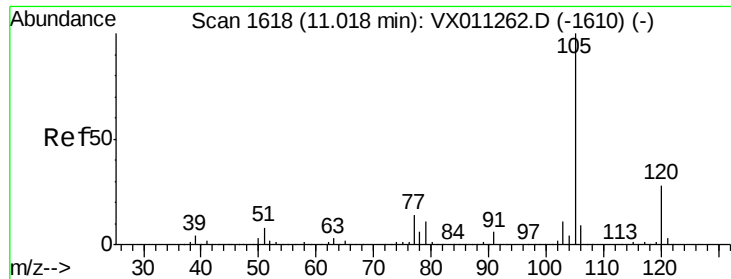


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

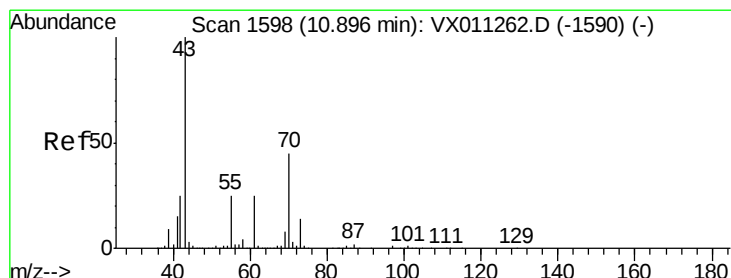
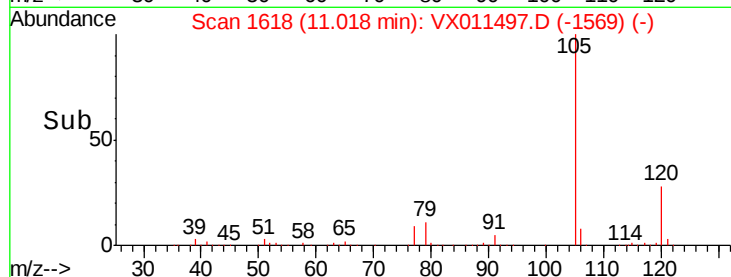
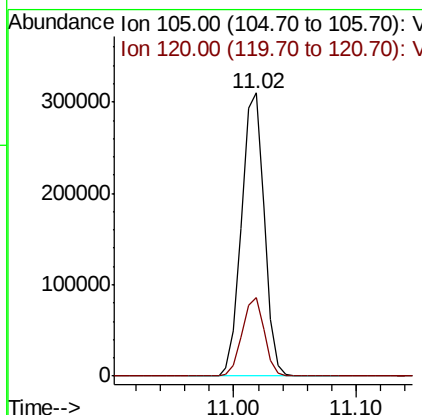
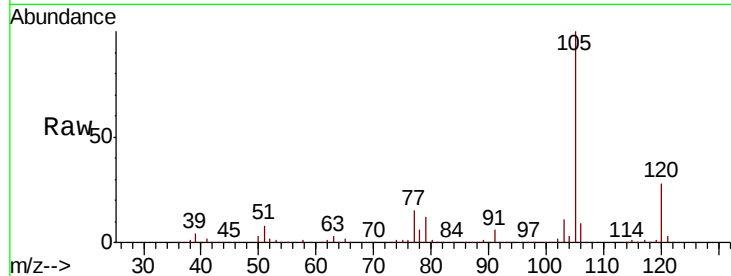




#73
Isopropylbenzene
Concen: 50.881 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX011497.D
Acq: 12 Aug 2019 20:33

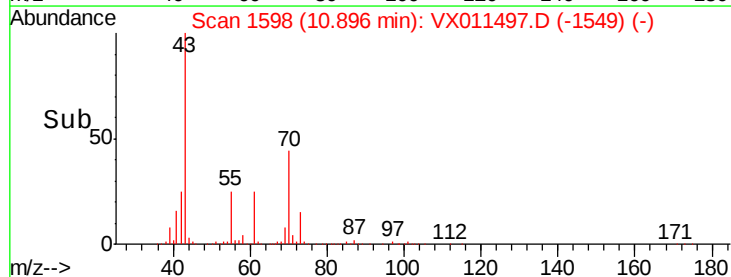
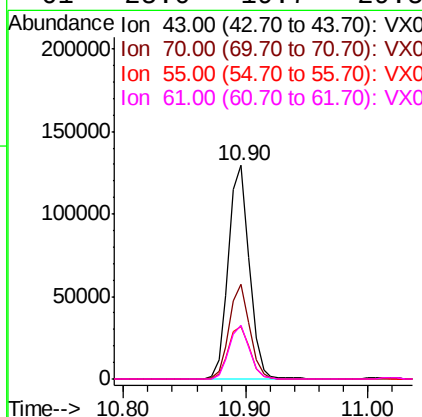
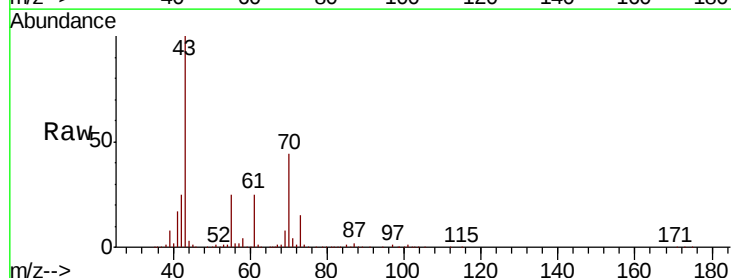
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

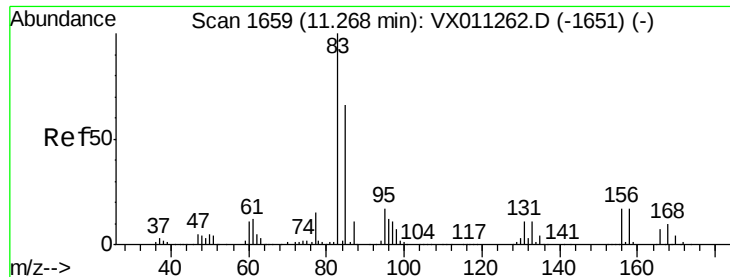
Tgt Ion: 105 Resp: 397898
Ion Ratio Lower Upper
105 100
120 26.9 13.7 41.1



#74
N-ethyl acetate
Concen: 53.979 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VX011497.D
Acq: 12 Aug 2019 20:33

Tgt Ion: 43 Resp: 152527
Ion Ratio Lower Upper
43 100
70 43.4 35.9 53.9
55 25.5 19.8 29.6
61 25.0 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 50.326 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX011497.D

Acq: 12 Aug 2019 20:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

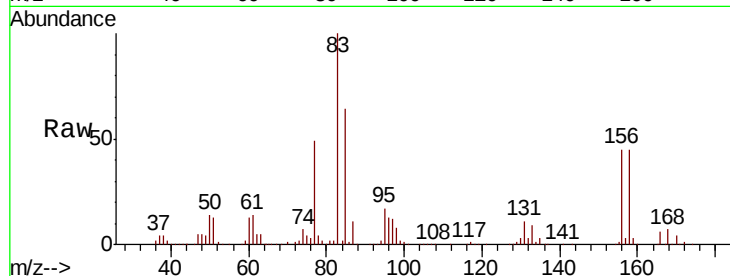
Tgt Ion: 83 Resp: 131153

Ion Ratio Lower Upper

83 100

131 11.2 5.6 16.8

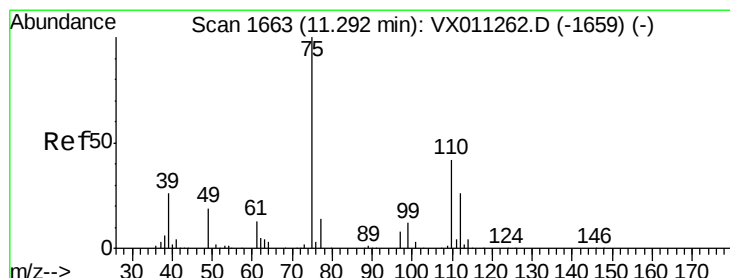
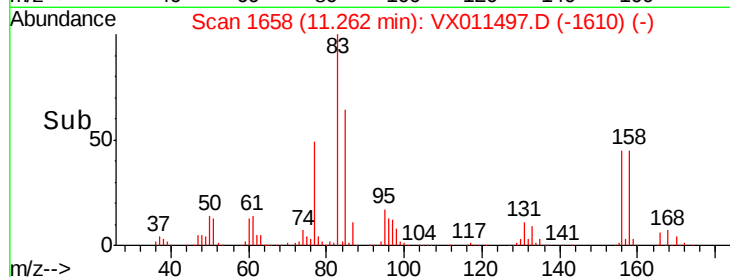
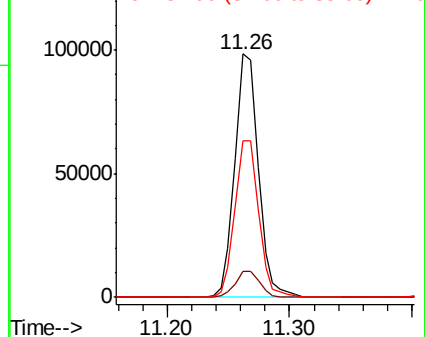
85 65.4 32.1 96.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 67.799 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX011497.D

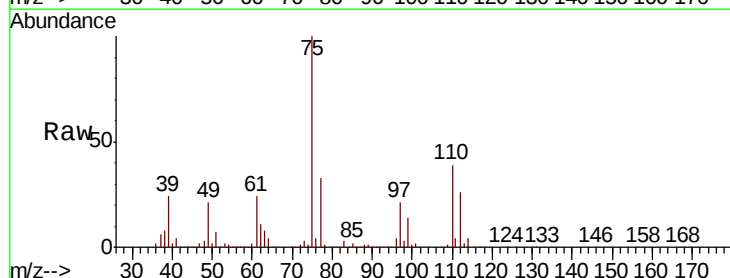
Acq: 12 Aug 2019 20:33

Tgt Ion: 75 Resp: 141178

Ion Ratio Lower Upper

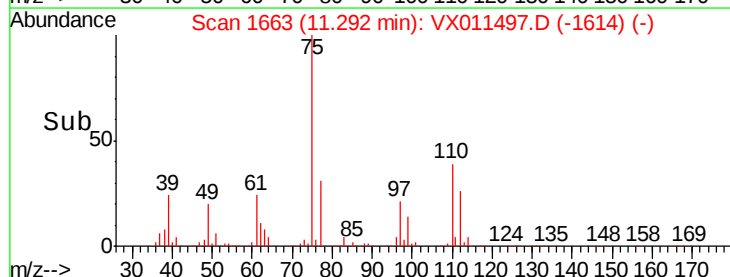
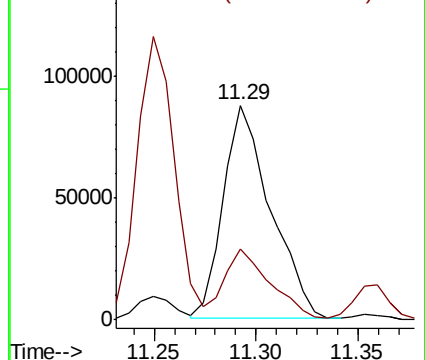
75 100

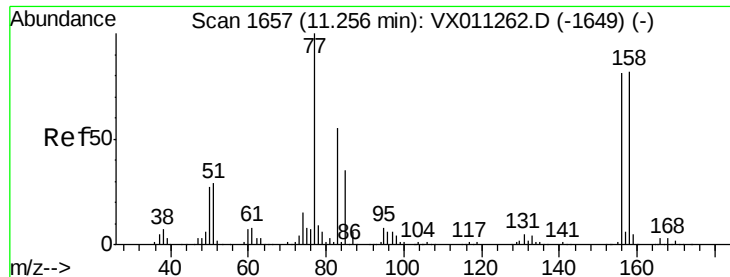
77 32.3 21.1 63.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.042 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX011497.D

Acq: 12 Aug 2019 20:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

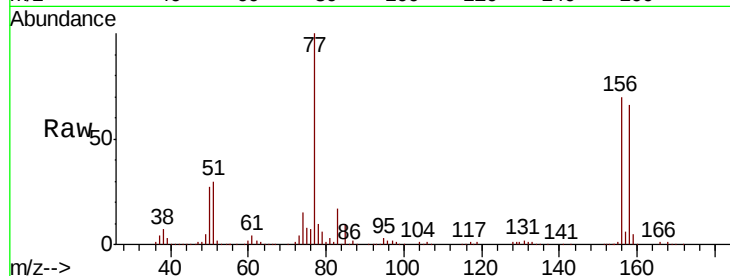
Tgt Ion:156 Resp: 108517

Ion Ratio Lower Upper

156 100

77 136.9 66.2 198.6

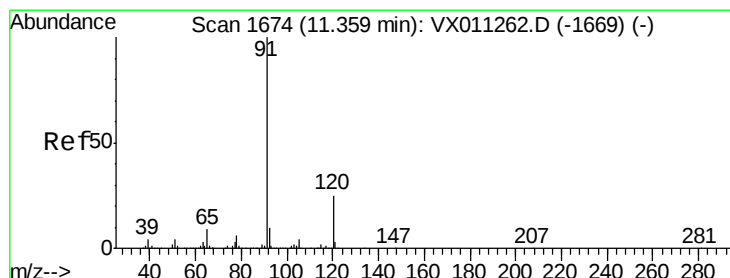
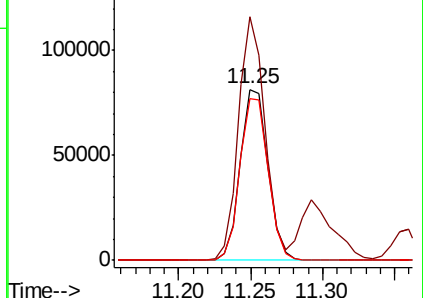
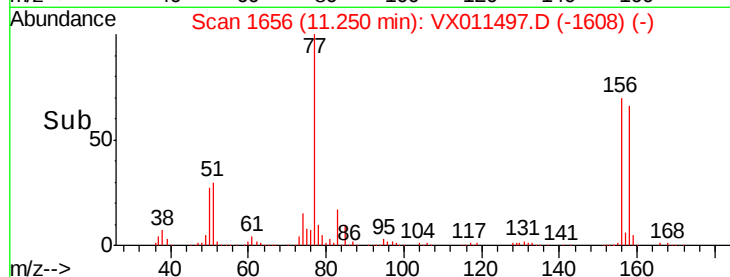
158 97.2 49.1 147.3



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: 50.409 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011497.D

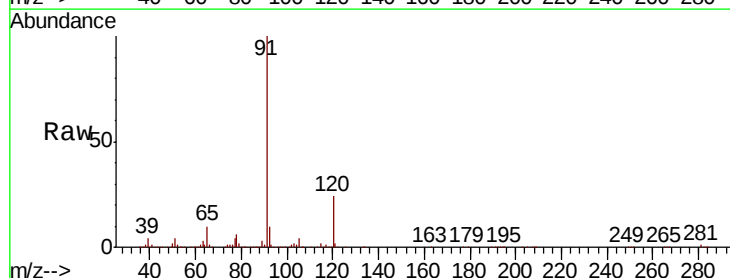
Acq: 12 Aug 2019 20:33

Tgt Ion: 91 Resp: 438388

Ion Ratio Lower Upper

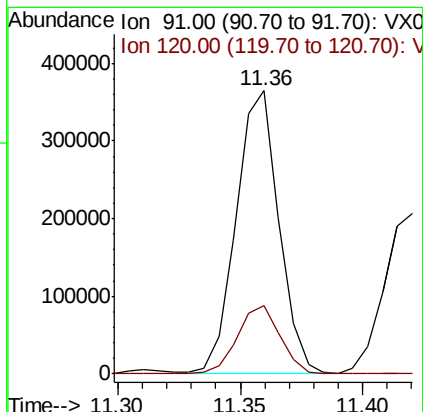
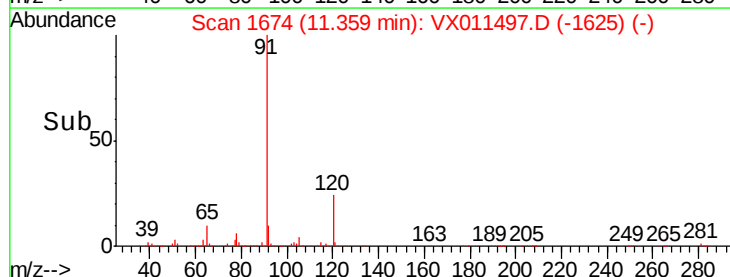
91 100

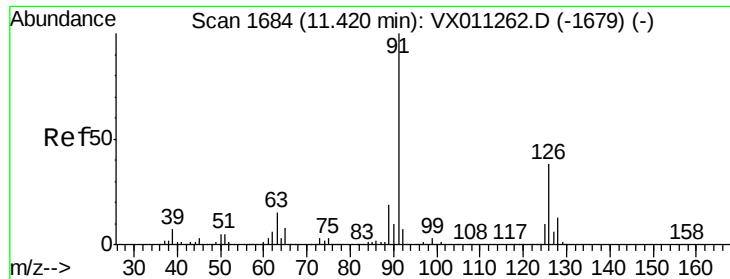
120 24.3 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.885 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX011497.D

Acq: 12 Aug 2019 20:33

Instrument :

MSVOA_X

ClientSampleId :

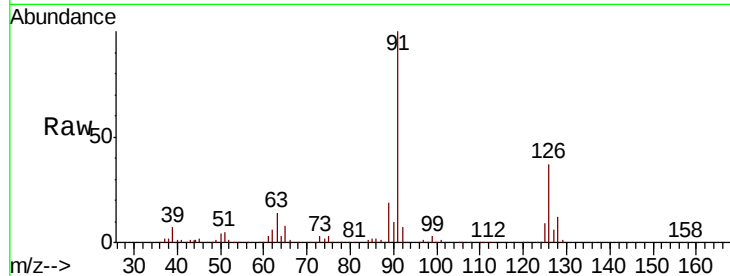
VSTDCCC050EC

Tgt Ion: 91 Resp: 263755

Ion Ratio Lower Upper

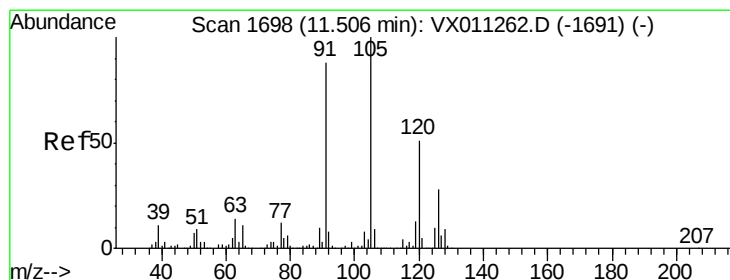
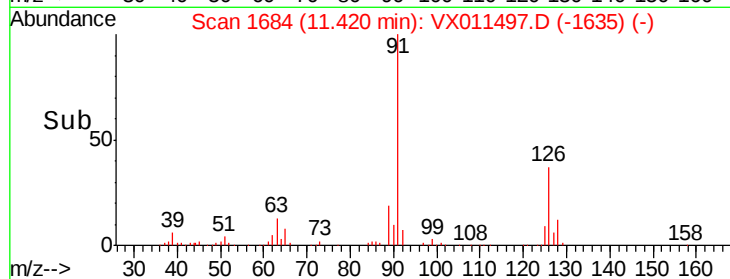
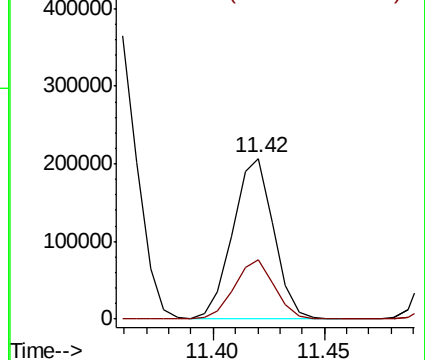
91 100

126 36.1 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 51.174 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011497.D

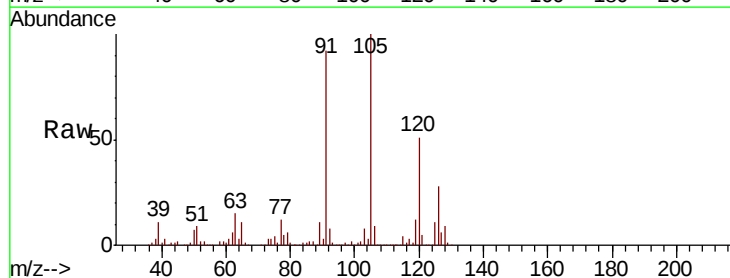
Acq: 12 Aug 2019 20:33

Tgt Ion: 105 Resp: 334998

Ion Ratio Lower Upper

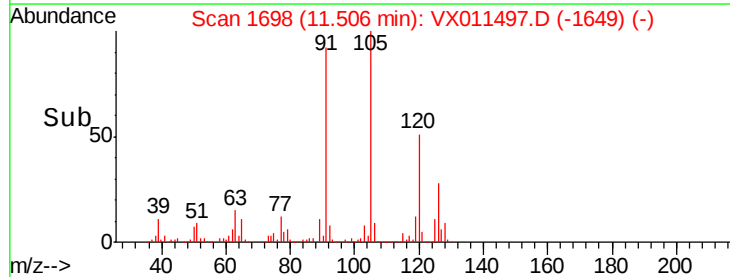
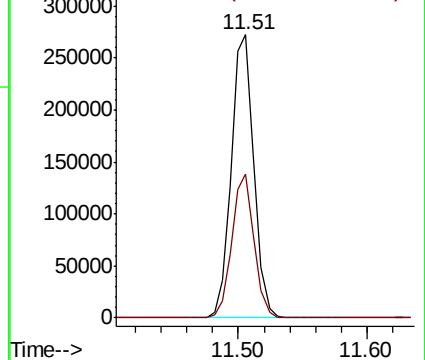
105 100

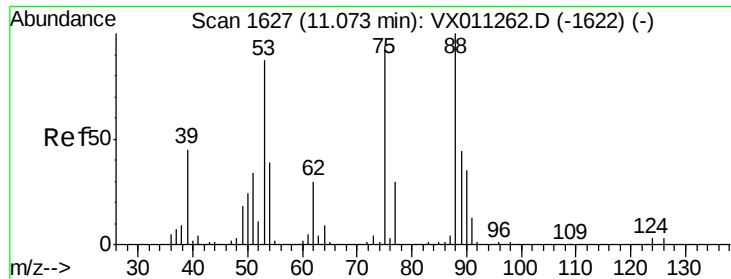
120 49.6 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

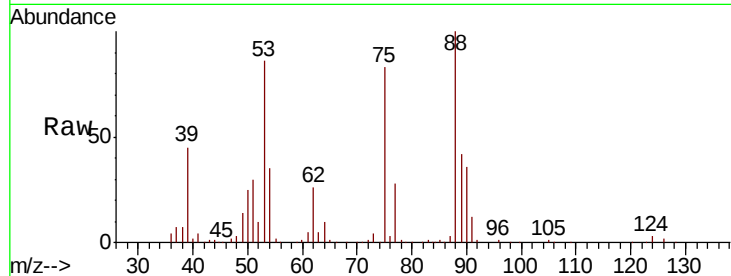




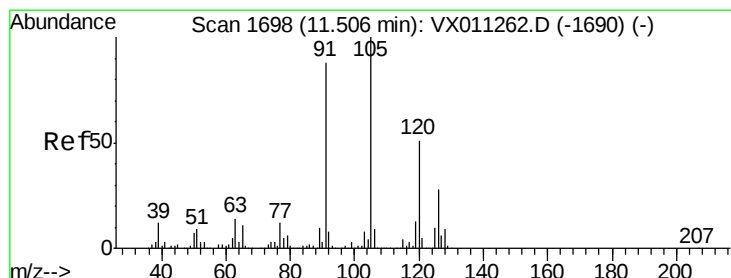
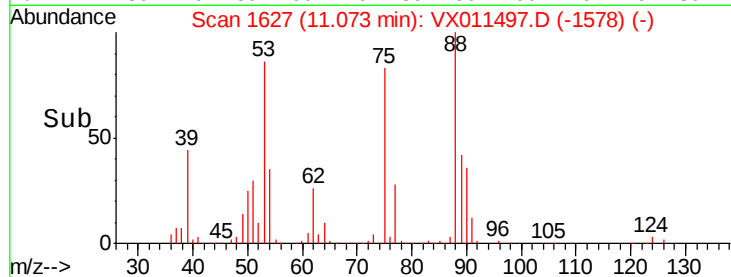
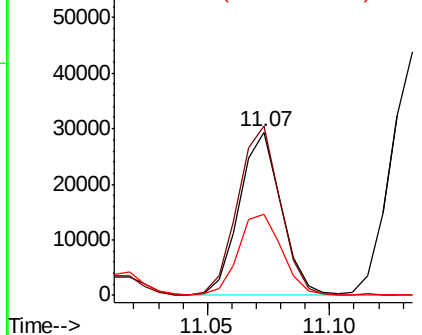
#81
trans-1,4-Dichloro-2-butene
Concen: 45.396 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX011497.D
Acq: 12 Aug 2019 20:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 35043
Ion Ratio Lower Upper
75 100
53 105.3 78.2 117.4
89 51.9 37.9 56.9

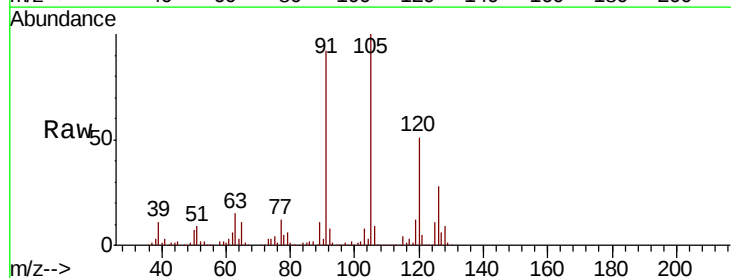


Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0

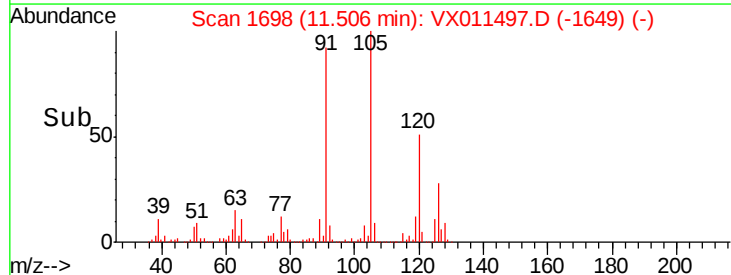
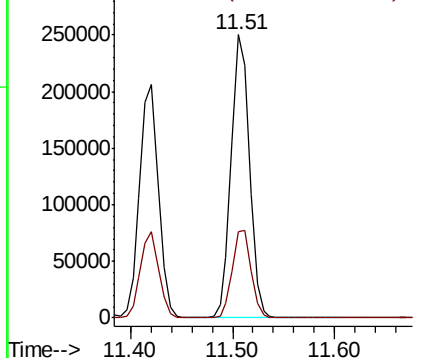


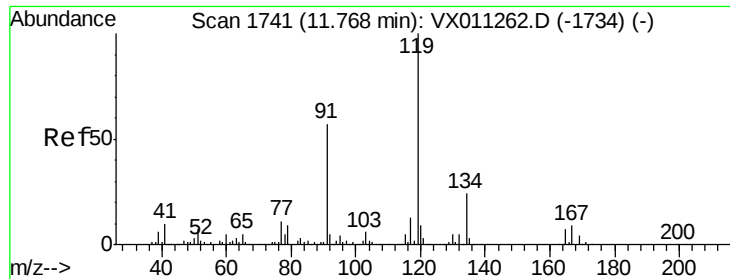
#82
4-Chlorotoluene
Concen: 51.167 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX011497.D
Acq: 12 Aug 2019 20:33

Tgt Ion: 91 Resp: 309094
Ion Ratio Lower Upper
91 100
126 31.5 16.4 49.2



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

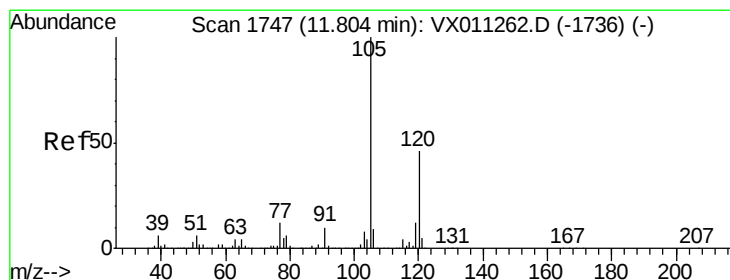
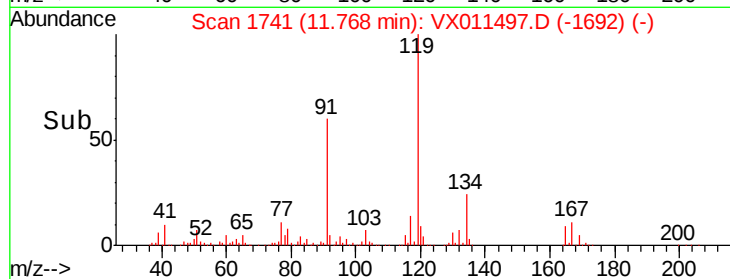
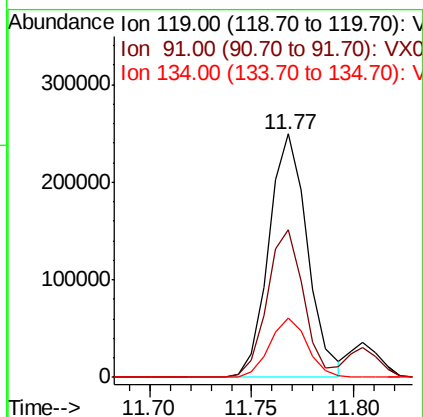
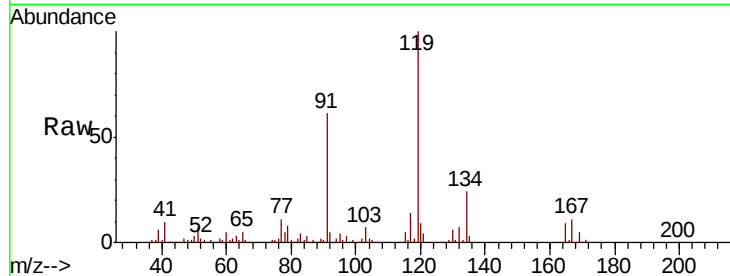




#83
 tert-Butylbenzene
 Concen: 51.209 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX011497.D
 Acq: 12 Aug 2019 20:33

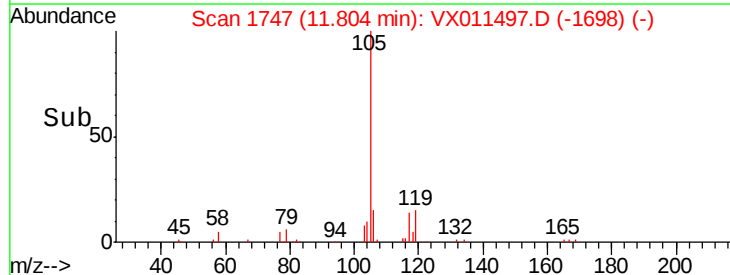
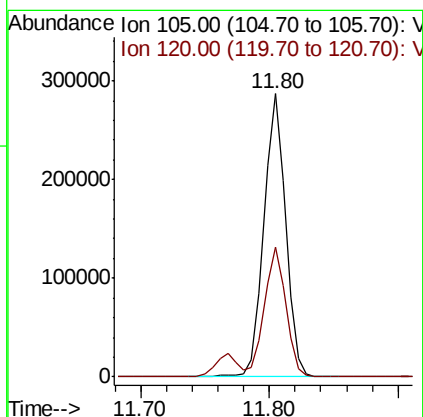
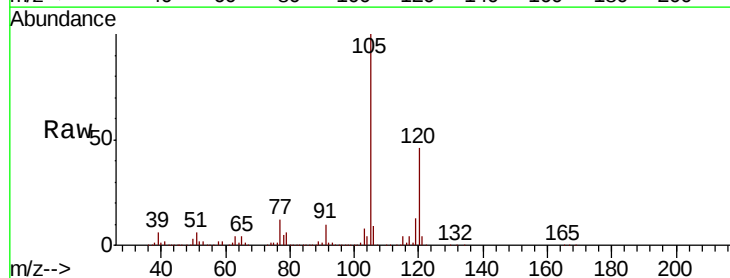
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

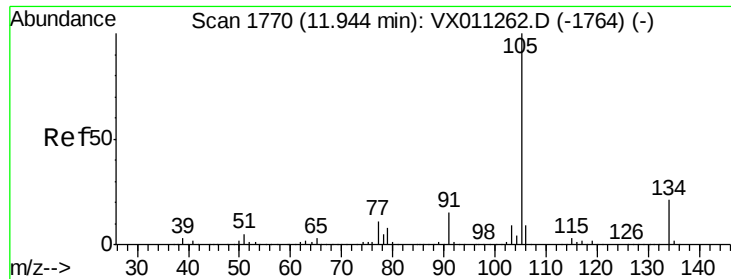
Tgt Ion:119 Resp: 328788
 Ion Ratio Lower Upper
 119 100
 91 58.1 28.0 84.0
 134 23.4 11.9 35.5



#84
 1,2,4-Trimethylbenzene
 Concen: 51.430 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX011497.D
 Acq: 12 Aug 2019 20:33

Tgt Ion:105 Resp: 335202
 Ion Ratio Lower Upper
 105 100
 120 45.3 23.0 69.0

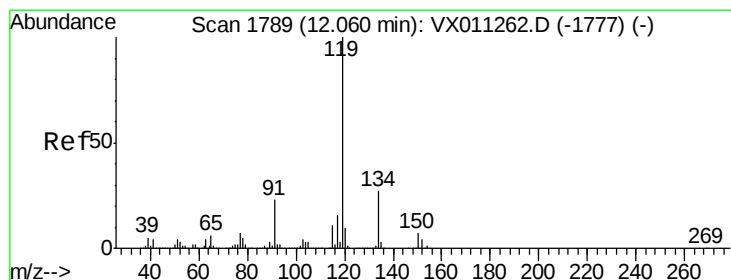
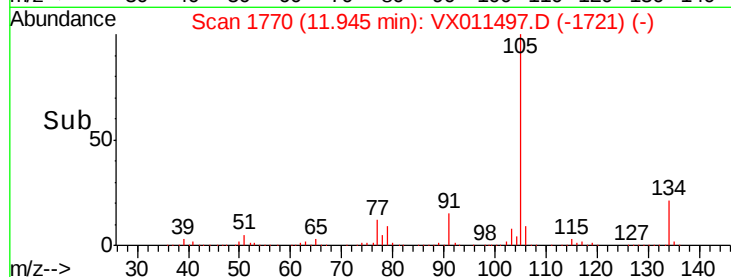
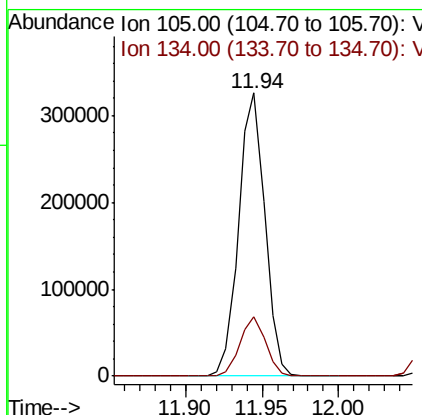
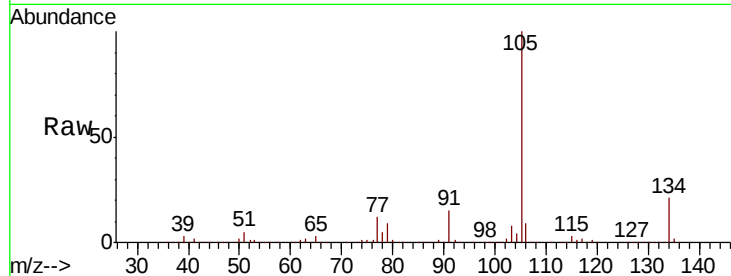




#85
 sec-Butylbenzene
 Concen: 50.153 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX011497.D
 Acq: 12 Aug 2019 20:33

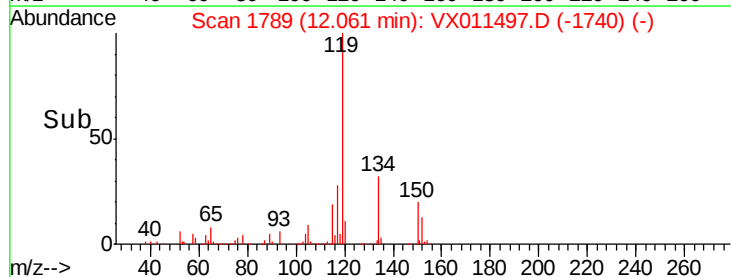
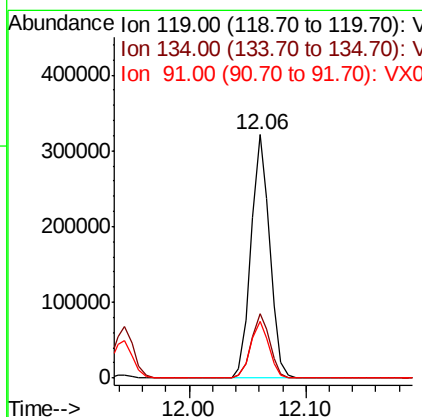
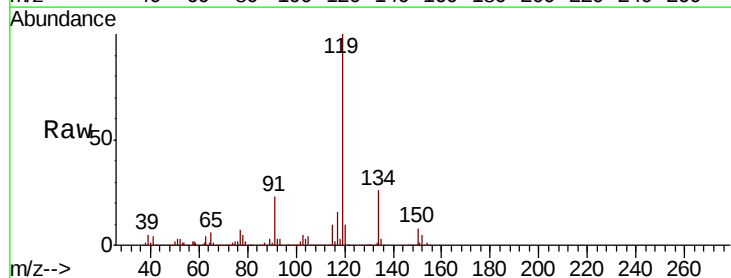
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

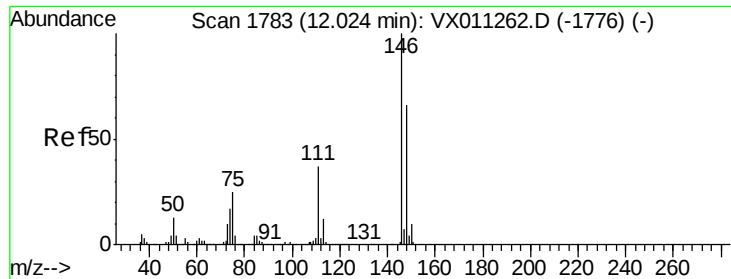
Tgt Ion:105 Resp: 386877
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 50.707 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX011497.D
 Acq: 12 Aug 2019 20:33

Tgt Ion:119 Resp: 359842
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.7 41.0
 91 23.6 11.4 34.2

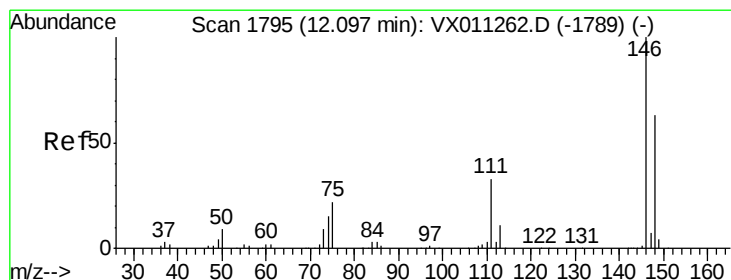
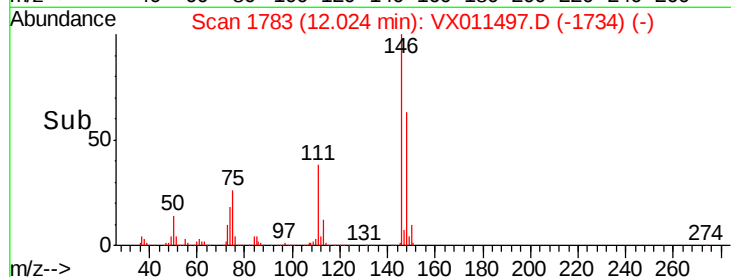
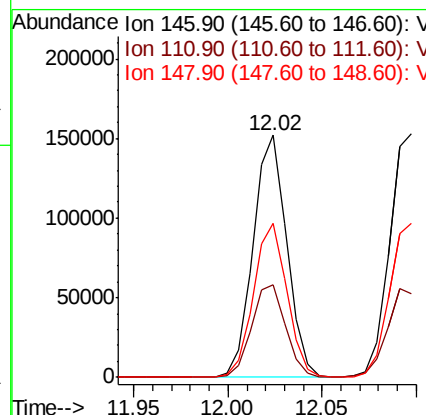
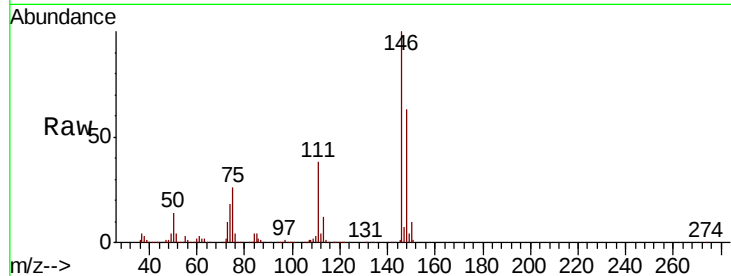




#87
 1,3-Dichlorobenzene
 Concen: 49.141 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX011497.D
 Acq: 12 Aug 2019 20:33

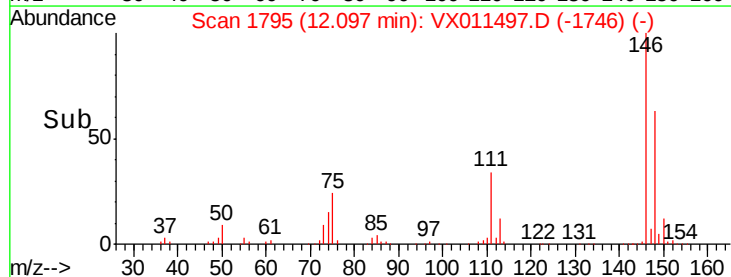
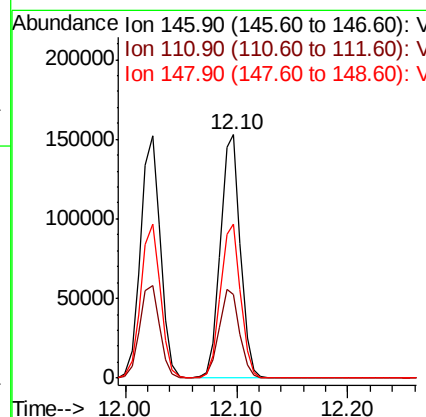
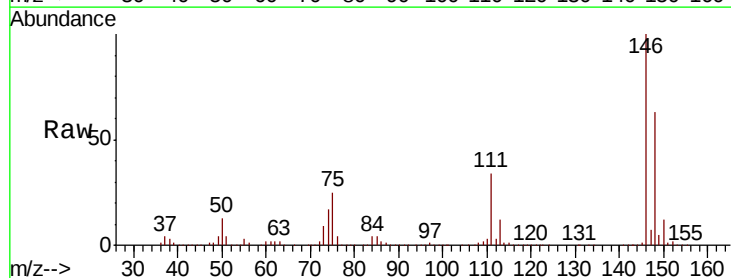
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

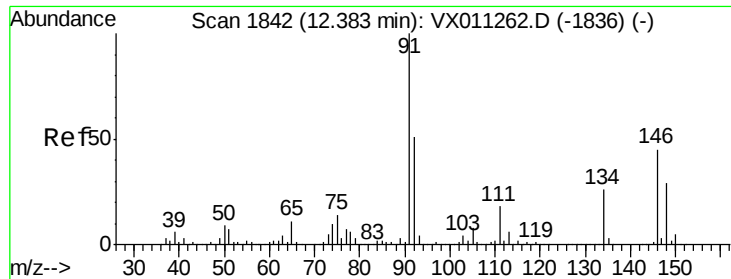
Tgt Ion:146 Resp: 188285
 Ion Ratio Lower Upper
 146 100
 111 38.6 18.6 55.8
 148 63.0 32.5 97.5



#88
 1,4-Dichlorobenzene
 Concen: 47.977 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX011497.D
 Acq: 12 Aug 2019 20:33

Tgt Ion:146 Resp: 189554
 Ion Ratio Lower Upper
 146 100
 111 37.0 17.8 53.4
 148 63.9 31.8 95.3

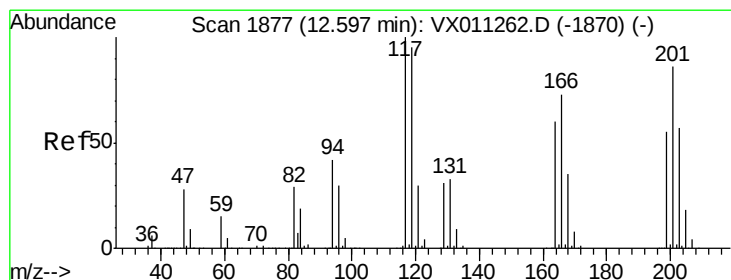
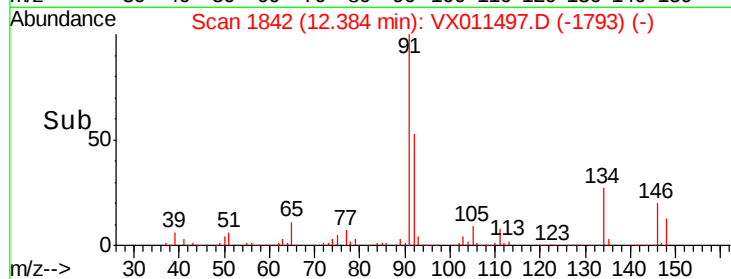
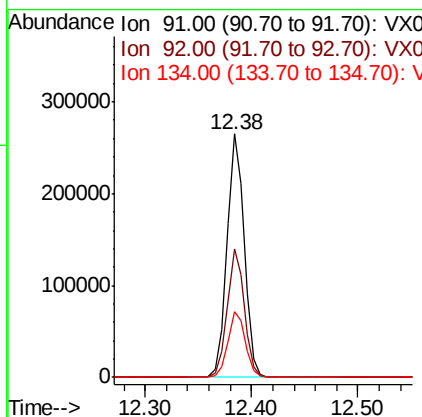
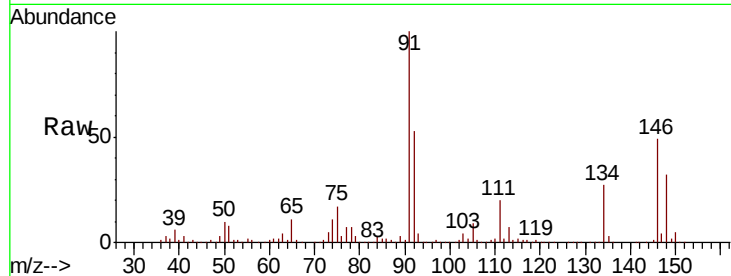




#89
n-Butylbenzene
Concen: 49.233 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011497.D
Acq: 12 Aug 2019 20:33

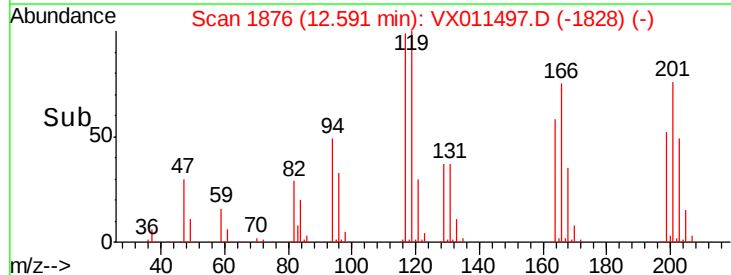
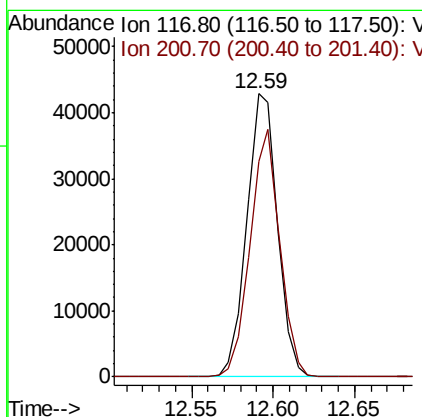
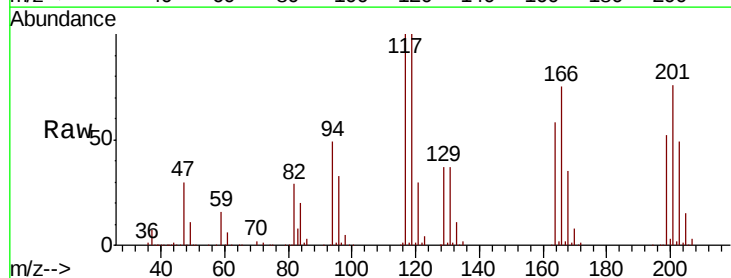
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

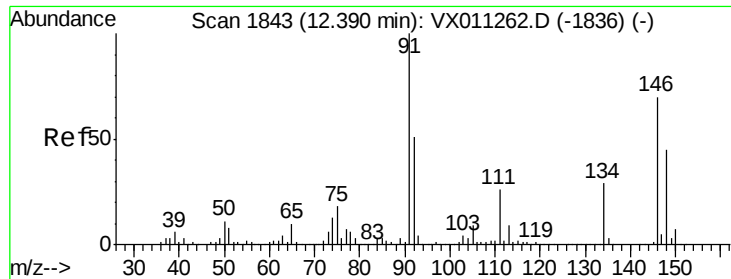
Tgt Ion: 91 Resp: 301005
Ion Ratio Lower Upper
91 100
92 52.2 25.8 77.3
134 27.6 13.7 41.0



#90
Hexachloroethane
Concen: 53.675 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX011497.D
Acq: 12 Aug 2019 20:33

Tgt Ion: 117 Resp: 56315
Ion Ratio Lower Upper
117 100
201 84.5 41.8 125.4

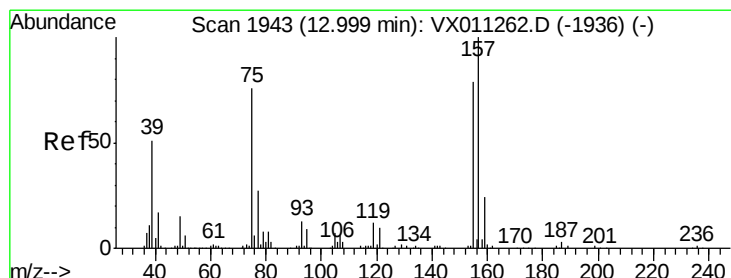
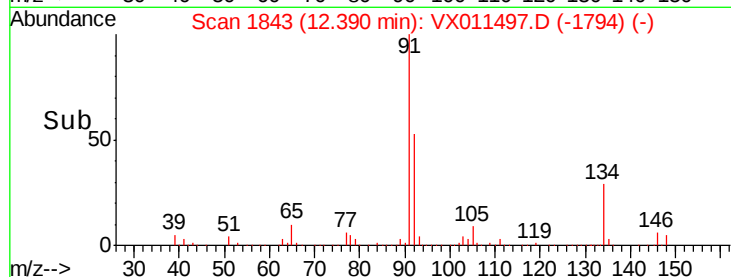
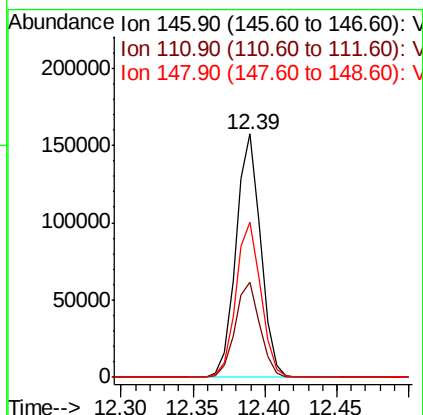
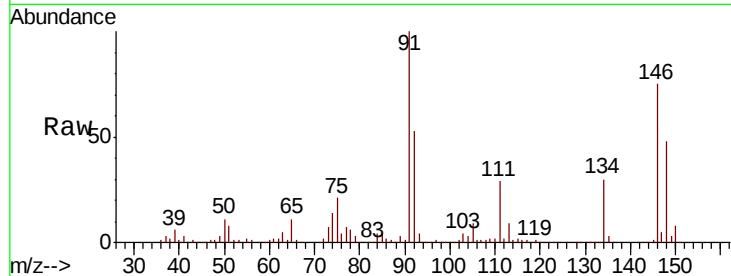




#91
 1,2-Dichlorobenzene
 Concen: 48.924 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX011497.D
 Acq: 12 Aug 2019 20:33

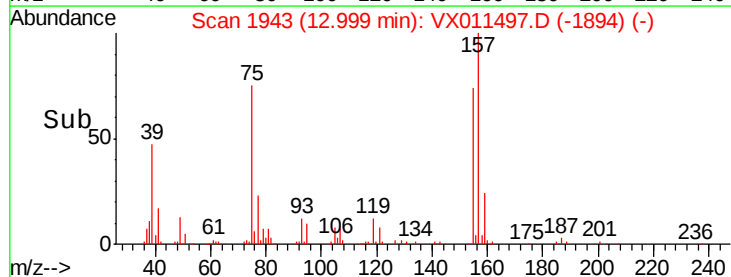
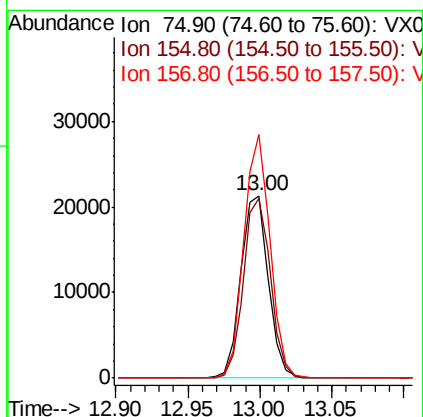
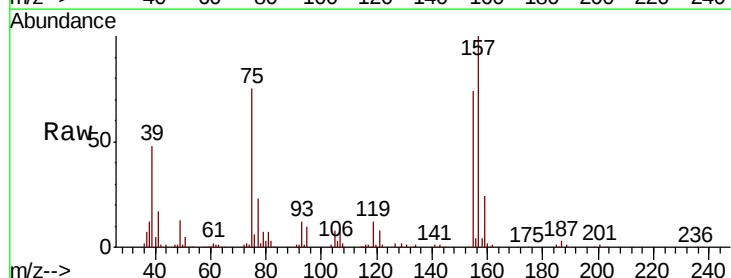
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

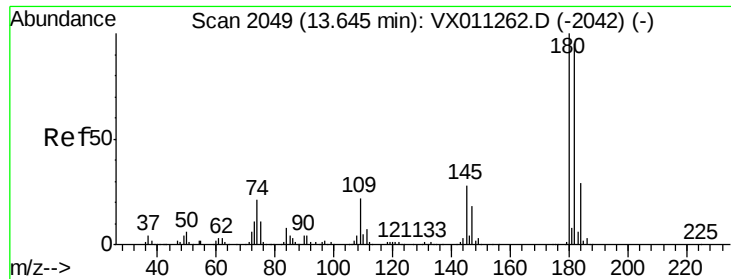
Tgt Ion: 146 Resp: 188349
 Ion Ratio Lower Upper
 146 100
 111 39.6 19.1 57.1
 148 64.6 32.3 96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.898 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX011497.D
 Acq: 12 Aug 2019 20:33

Tgt Ion: 75 Resp: 28223
 Ion Ratio Lower Upper
 75 100
 155 95.9 51.9 155.8
 157 126.2 64.3 192.7

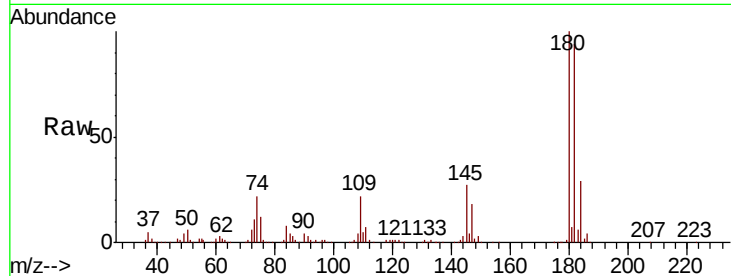




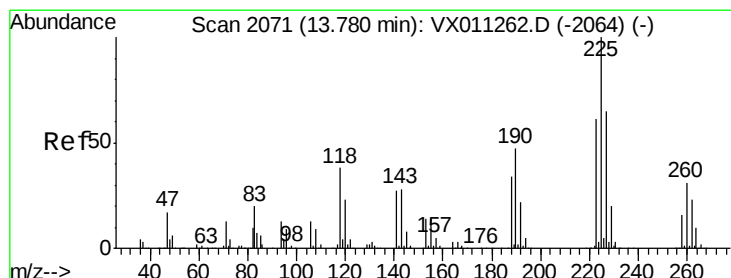
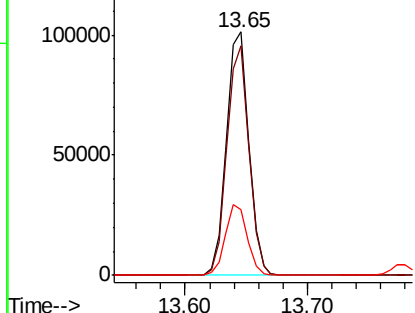
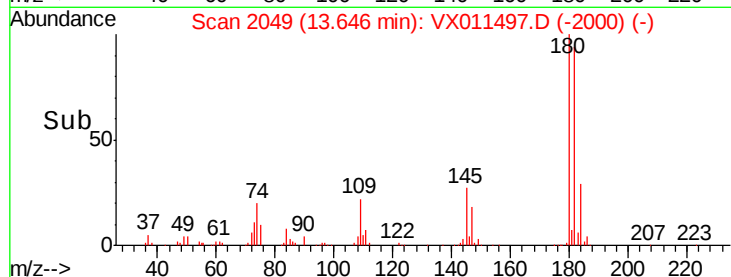
#93
 1,2,4-Trichlorobenzene
 Concen: 49.915 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX011497.D
 Acq: 12 Aug 2019 20:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:180 Resp: 127439
 Ion Ratio Lower Upper
 180 100
 182 92.6 47.8 143.4
 145 28.6 14.8 44.3

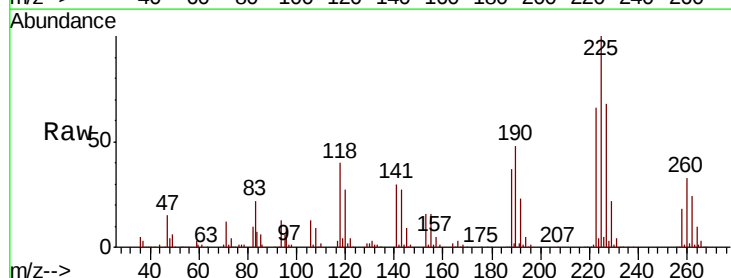


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

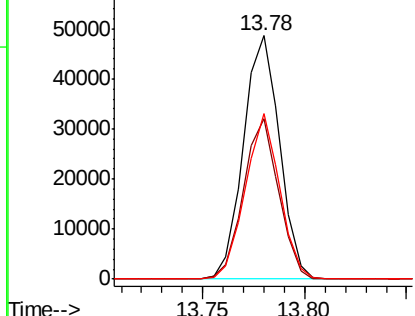
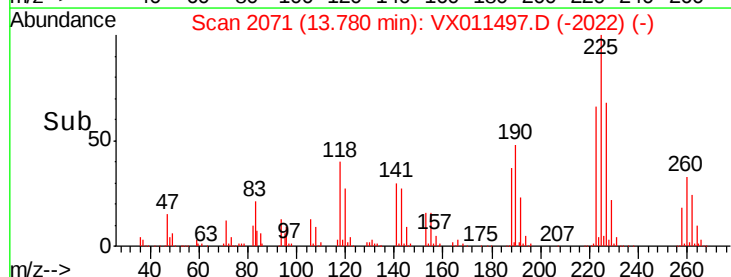


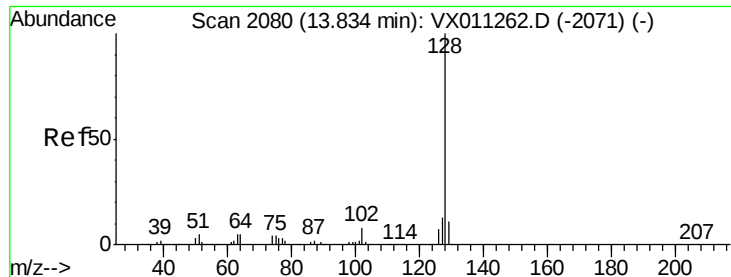
#94
 Hexachlorobutadiene
 Concen: 46.156 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX011497.D
 Acq: 12 Aug 2019 20:33

Tgt Ion:225 Resp: 59788
 Ion Ratio Lower Upper
 225 100
 223 64.3 31.0 93.0
 227 64.5 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

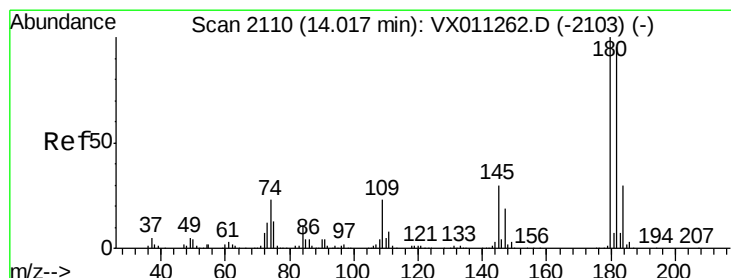
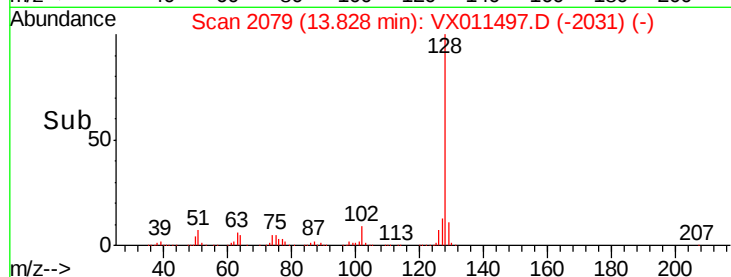
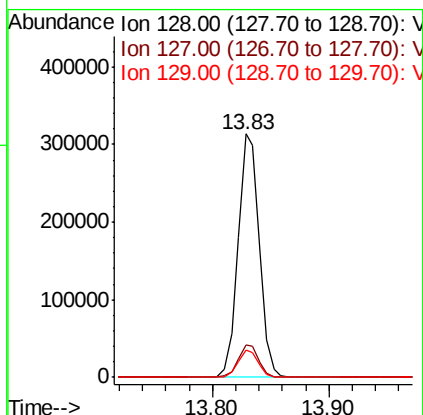
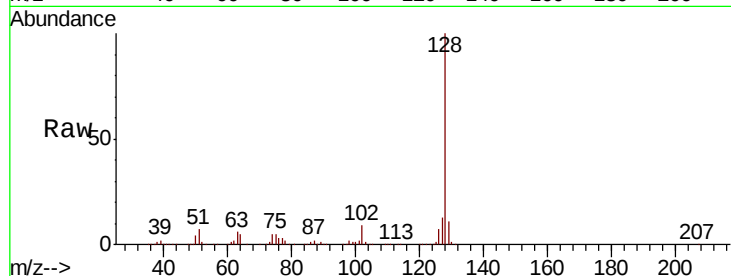




#95
Naphthalene
Concen: 53.112 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX011497.D
Acq: 12 Aug 2019 20:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 396549
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 10.9 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 48.759 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX011497.D
Acq: 12 Aug 2019 20:33

Tgt Ion:180 Resp: 126560
Ion Ratio Lower Upper
180 100
182 95.2 47.4 142.3
145 31.5 15.2 45.6

