

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081219\
 Data File : VX011472.D
 Acq On : 12 Aug 2019 10:18
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 13 07:36:04 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	168661	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	241288	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	228764	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	125328	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	91779	54.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.08%	
35) Dibromofluoromethane	5.48	113	81502	51.74	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	103.48%	
50) Toluene-d8	8.71	98	304530	51.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.42%	
62) 4-Bromofluorobenzene	11.13	95	117144	55.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	64297	49.359	ug/l	99
3) Chloromethane	1.32	50	68189	46.615	ug/l	100
4) Vinyl Chloride	1.40	62	72405	44.998	ug/l	100
5) Bromomethane	1.63	94	54648	47.620	ug/l	99
6) Chloroethane	1.71	64	48258	48.357	ug/l	98
7) Trichlorofluoromethane	1.92	101	136990	47.881	ug/l	98
8) Diethyl Ether	2.18	74	47371	46.369	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	83047	53.646	ug/l	96
10) Methyl Iodide	2.49	142	100401	51.443	ug/l	97
11) Tert butyl alcohol	3.04	59	84603	249.791	ug/l	100
12) 1,1-Dichloroethene	2.36	96	75334	49.092	ug/l	89
13) Acrolein	2.29	56	52614	249.965	ug/l	98
14) Allyl chloride	2.71	41	114255	55.850	ug/l	97
15) Acrylonitrile	3.13	53	211360	261.506	ug/l	98
16) Acetone	2.43	43	239462	296.197	ug/l	95
17) Carbon Disulfide	2.56	76	170948	47.472	ug/l	100
18) Methyl Acetate	2.76	43	100030	54.142	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	253586	56.076	ug/l	100
20) Methylene Chloride	2.85	84	85997	48.571	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	80662	49.691	ug/l	90
22) Diisopropyl ether	3.84	45	244394	54.355	ug/l	98
23) Vinyl Acetate	3.80	43	1066950	286.107	ug/l	98
24) 1,1-Dichloroethane	3.68	63	142103	53.599	ug/l	98
25) 2-Butanone	4.66	43	317880	276.410	ug/l	97
26) 2,2-Dichloropropane	4.57	77	124127	60.228	ug/l	96
27) cis-1,2-Dichloroethene	4.58	96	97019	51.889	ug/l	97
28) Bromochloromethane	5.00	49	65188	53.934	ug/l	98
29) Tetrahydrofuran	5.12	42	182772	259.200	ug/l	100
30) Chloroform	5.20	83	158474	54.996	ug/l	96
31) Cyclohexane	5.57	56	113668	51.967	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	139127	56.362	ug/l	99
36) 1,1-Dichloropropene	5.79	75	110272	52.344	ug/l	98
37) Ethyl Acetate	4.82	43	113606	53.762	ug/l	99
38) Carbon Tetrachloride	5.77	117	123912	58.464	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081219\
 Data File : VX011472.D
 Acq On : 12 Aug 2019 10:18
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 13 07:36:04 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)
39) Methylcyclohexane	7.46	83	128679	51.531	ug/l	95
40) Benzene	6.13	78	334223	53.165	ug/l	98
41) Methacrylonitrile	5.03	41	64058	55.507	ug/l	97
42) 1,2-Dichloroethane	6.18	62	124493	58.564	ug/l	97
43) Isopropyl Acetate	6.43	43	186225	55.122	ug/l	99
44) Trichloroethene	7.21	130	99487	52.284	ug/l	98
45) 1,2-Dichloropropane	7.51	63	86155	52.918	ug/l	98
46) Dibromomethane	7.65	93	63495	53.423	ug/l	97
47) Bromodichloromethane	7.89	83	118899	59.087	ug/l	99
48) Methyl methacrylate	7.76	41	91502	57.551	ug/l	97
49) 1,4-Dioxane	7.73	88	42384	919.519	ug/l	94
51) 4-Methyl-2-Pentanone	8.63	43	617990	283.441	ug/l	99
52) Toluene	8.78	92	227498	54.734	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	130261	55.268	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	140450	59.751	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	94693	55.411	ug/l	98
56) Ethyl methacrylate	9.17	69	142746	58.615	ug/l	98
57) 1,3-Dichloropropane	9.37	76	147899	54.723	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	353877	295.531	ug/l	99
59) 2-Hexanone	9.49	43	484273	286.757	ug/l	98
60) Dibromochloromethane	9.58	129	104126	59.513	ug/l	99
61) 1,2-Dibromoethane	9.67	107	102397	55.460	ug/l	99
64) Tetrachloroethene	9.33	164	99334	51.131	ug/l	96
65) Chlorobenzene	10.13	112	258525	52.706	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	95593	56.926	ug/l	99
67) Ethyl Benzene	10.25	91	451494	54.962	ug/l	98
68) m/p-Xylenes	10.35	106	351003	110.468	ug/l	98
69) o-Xylene	10.69	106	169479	54.287	ug/l	98
70) Styrene	10.71	104	293334	56.785	ug/l	98
71) Bromoform	10.85	173	78249	51.995	ug/l	99
73) Isopropylbenzene	11.01	105	465647	54.325	ug/l	99
74) N-amyl acetate	10.90	43	170240	54.966	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	145879	51.070	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	164285	71.980	ug/l	83
77) Bromobenzene	11.25	156	123232	51.847	ug/l	96
78) n-propylbenzene	11.36	91	529798	55.580	ug/l	99
79) 2-Chlorotoluene	11.41	91	305287	53.734	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	393138	54.791	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	43047	50.330	ug/l	96
82) 4-Chlorotoluene	11.51	91	364584	55.063	ug/l	98
83) tert-Butylbenzene	11.77	119	386538	54.927	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	395770	55.400	ug/l	100
85) sec-Butylbenzene	11.94	105	466643	55.191	ug/l	99
86) p-Isopropyltoluene	12.06	119	435686	56.012	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	222125	52.891	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	225450	52.060	ug/l	99
89) n-Butylbenzene	12.38	91	382931	57.143	ug/l	99
90) Hexachloroethane	12.59	117	67398	58.608	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	218614	51.808	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	31632	57.158	ug/l	91

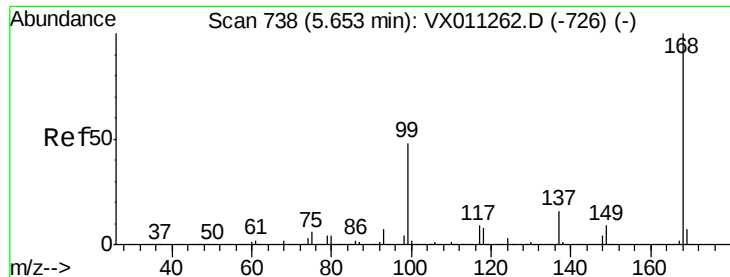
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081219\
Data File : VX011472.D
Acq On : 12 Aug 2019 10:18
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Aug 13 07:36:04 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)
93) 1,2,4-Trichlorobenzene	13.64	180	156866	56.055	ug/l	99
94) Hexachlorobutadiene	13.78	225	79326	55.871	ug/l	99
95) Naphthalene	13.83	128	459158	56.106	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	154110	54.169	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 737

Delta R.T. -0.01 min

Lab File: VX011472.D

Acq: 12 Aug 2019 10:18

Instrument :

MSVOA_X

ClientSampleId :

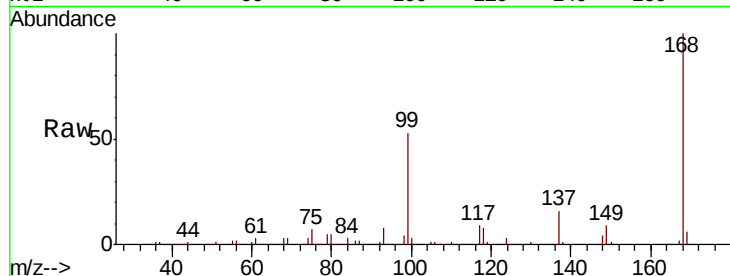
VSTDCCC050

Tgt Ion:168 Resp: 168661

Ion Ratio Lower Upper

168 100

99 52.9 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

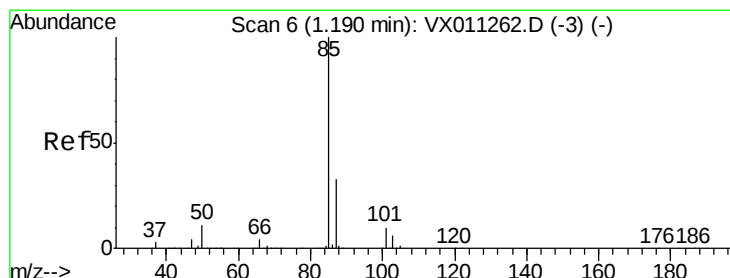
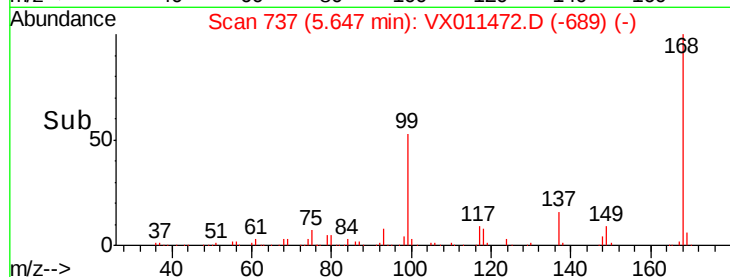
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 49.359 ug/l

RT: 1.19 min Scan# 6

Delta R.T. 0.00 min

Lab File: VX011472.D

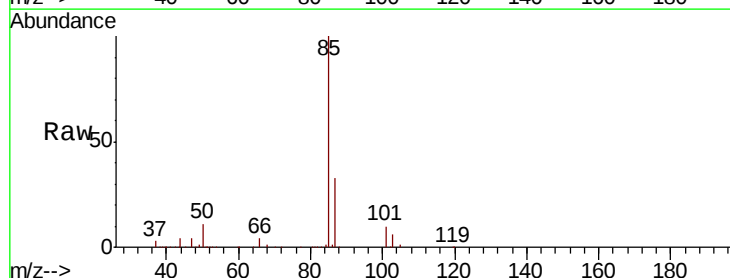
Acq: 12 Aug 2019 10:18

Tgt Ion: 85 Resp: 64297

Ion Ratio Lower Upper

85 100

87 33.3 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

80000

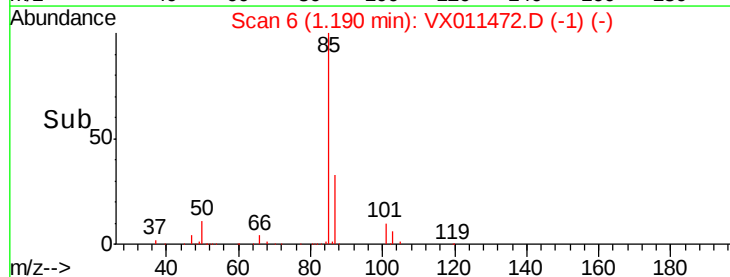
60000

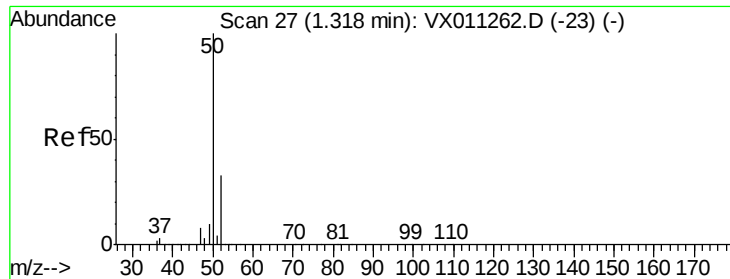
40000

20000

0

Time--> 1.15 1.20 1.25





#3

Chloromethane

Concen: 46.615 ug/l

RT: 1.32 min Scan# 27

Delta R.T. 0.00 min

Lab File: VX011472.D

Acq: 12 Aug 2019 10:18

Instrument :

MSVOA_X

ClientSampleId :

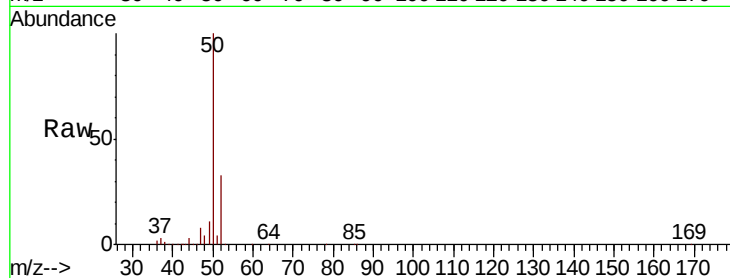
VSTDCCC050

Tgt Ion: 50 Resp: 68189

Ion Ratio Lower Upper

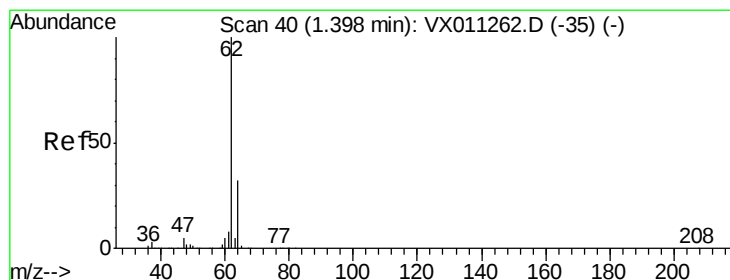
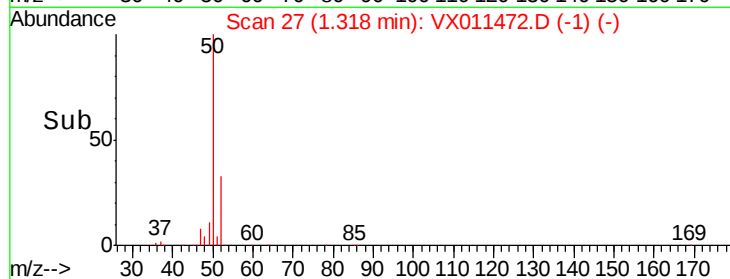
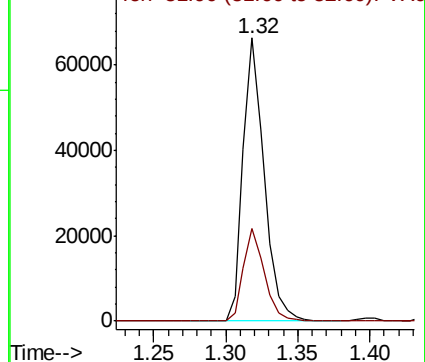
50 100

52 32.8 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: 44.998 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.01 min

Lab File: VX011472.D

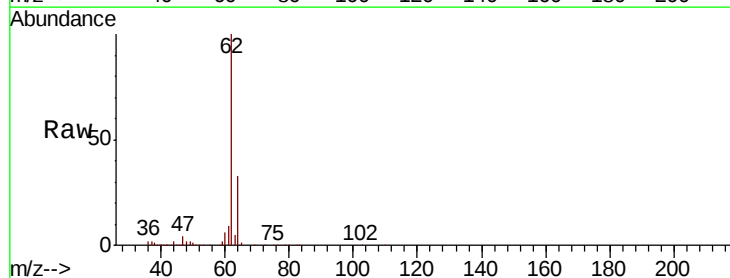
Acq: 12 Aug 2019 10:18

Tgt Ion: 62 Resp: 72405

Ion Ratio Lower Upper

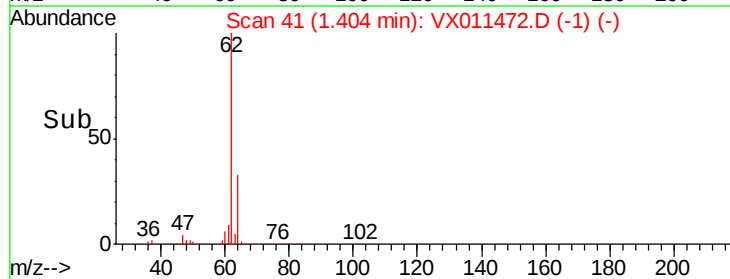
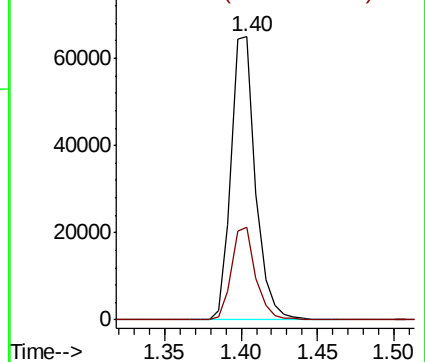
62 100

64 32.8 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: 47.620 ug/l

RT: 1.63 min Scan# 78

Delta R.T. 0.00 min

Lab File: VX011472.D

Acq: 12 Aug 2019 10:18

Instrument :

MSVOA_X

ClientSampleId :

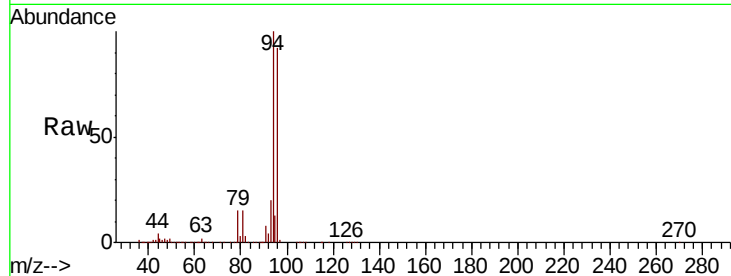
VSTDCCC050

Tgt Ion: 94 Resp: 54648

Ion Ratio Lower Upper

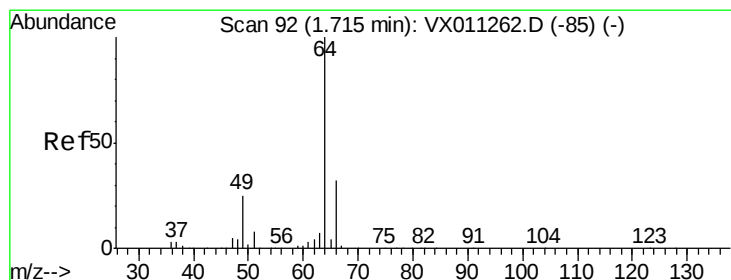
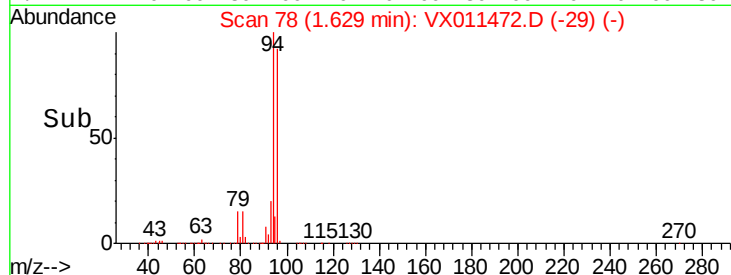
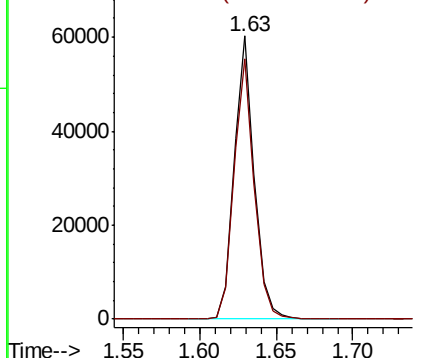
94 100

96 92.2 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 48.357 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX011472.D

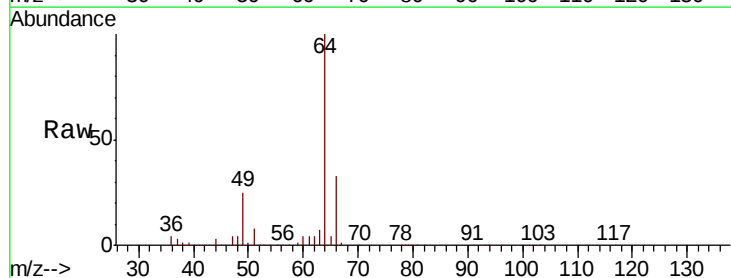
Acq: 12 Aug 2019 10:18

Tgt Ion: 64 Resp: 48258

Ion Ratio Lower Upper

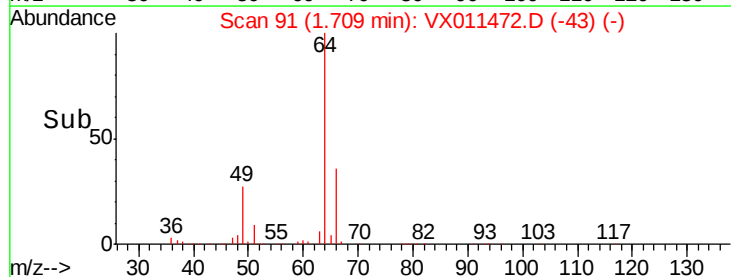
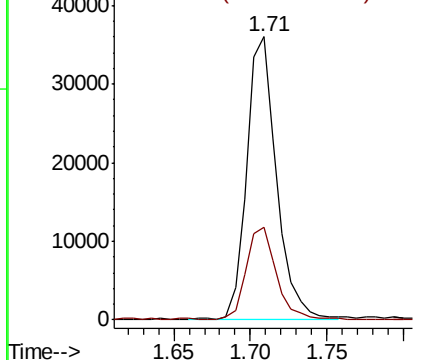
64 100

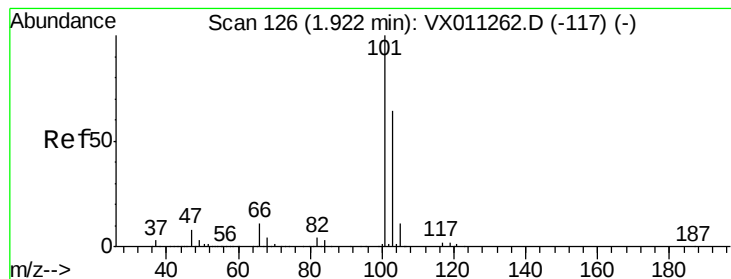
66 32.5 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



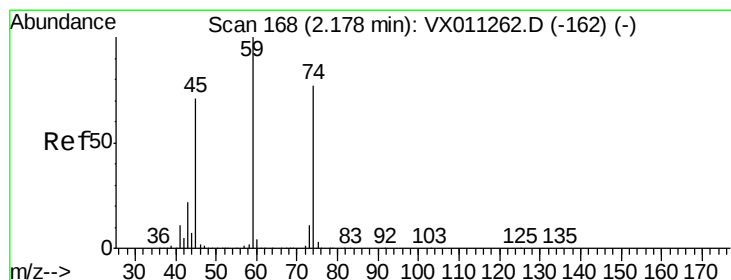
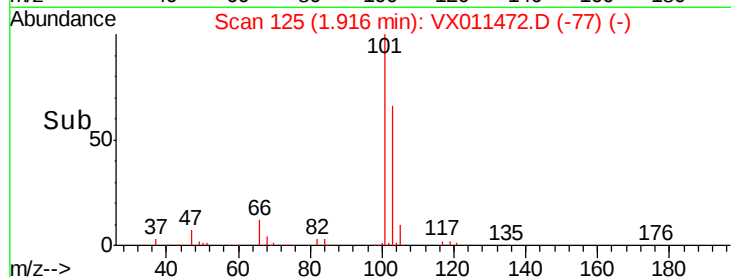
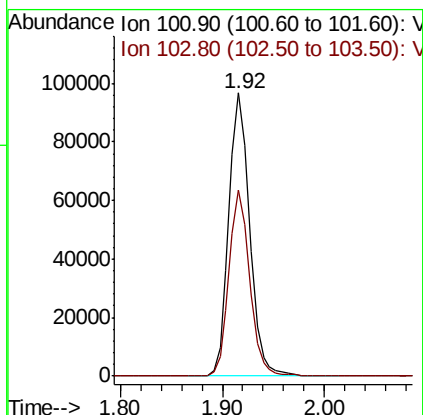
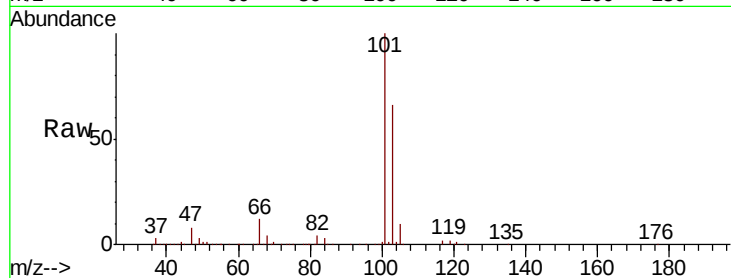


#7

Trichlorofluoromethane
Concen: 47.881 ug/l
RT: 1.92 min Scan# 125
Delta R.T. -0.01 min
Lab File: VX011472.D
Acq: 12 Aug 2019 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

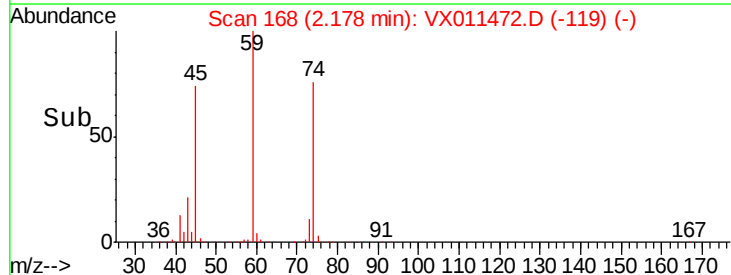
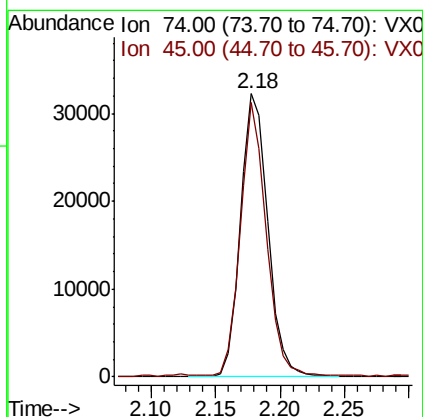
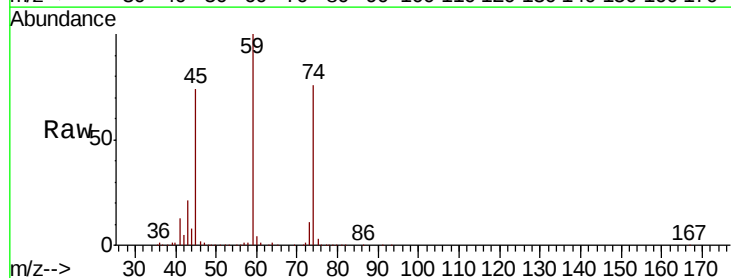
Tgt Ion:101 Resp: 136990
Ion Ratio Lower Upper
101 100
103 65.5 50.9 76.3

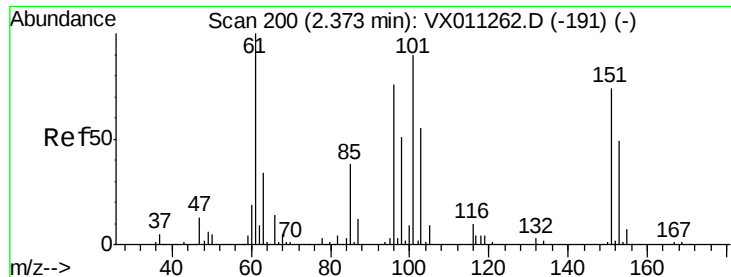


#8

Diethyl Ether
Concen: 46.369 ug/l
RT: 2.18 min Scan# 168
Delta R.T. 0.00 min
Lab File: VX011472.D
Acq: 12 Aug 2019 10:18

Tgt Ion: 74 Resp: 47371
Ion Ratio Lower Upper
74 100
45 90.1 46.1 138.3

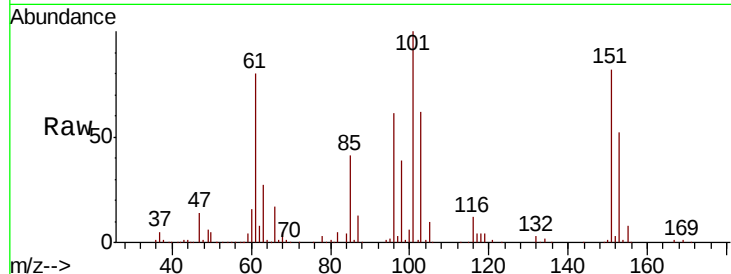




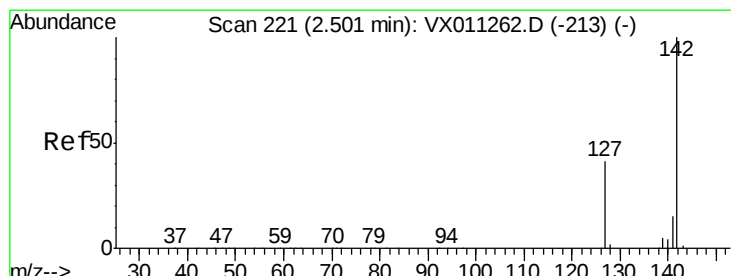
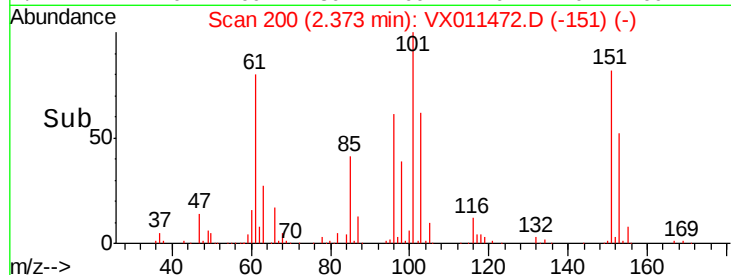
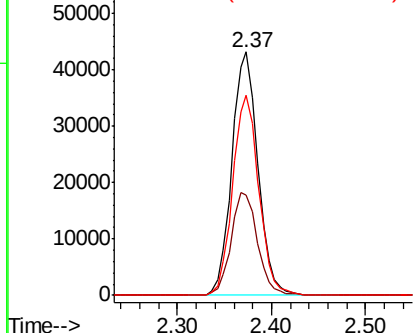
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 53.646 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.00 min
 Lab File: VX011472.D
 Acq: 12 Aug 2019 10:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:101 Resp: 83047
 Ion Ratio Lower Upper
 101 100
 85 43.1 33.8 50.6
 151 82.5 69.5 104.3

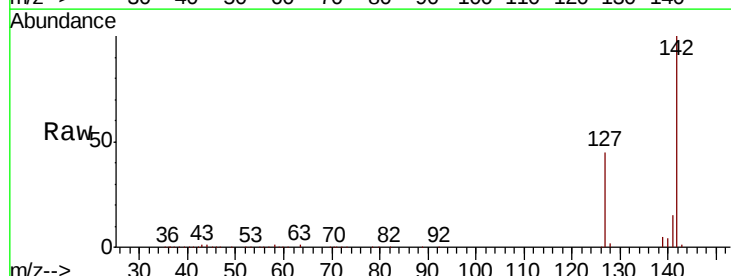


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 150.80 (150.50 to 151.50): V

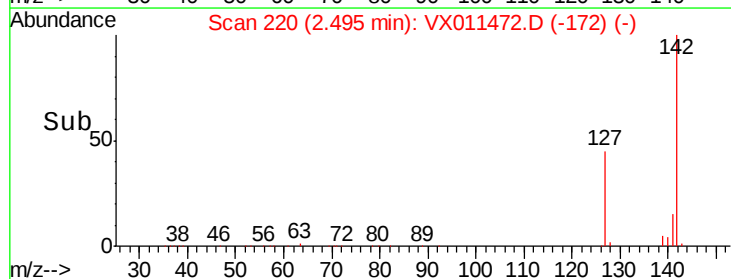
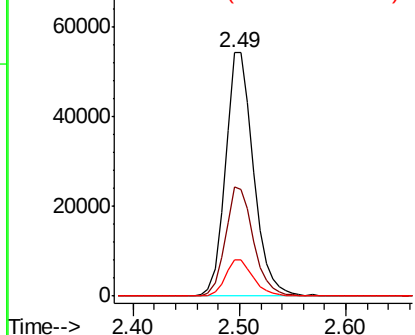


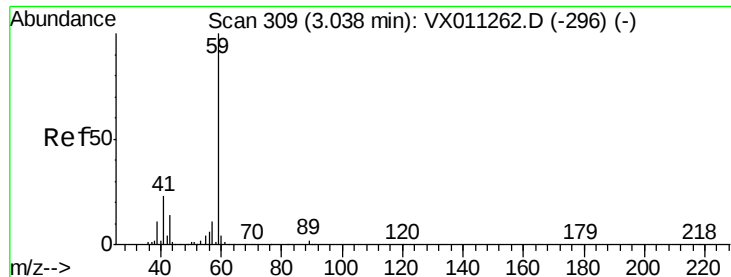
#10
 Methyl Iodide
 Concen: 51.443 ug/l
 RT: 2.49 min Scan# 220
 Delta R.T. -0.01 min
 Lab File: VX011472.D
 Acq: 12 Aug 2019 10:18

Tgt Ion:142 Resp: 100401
 Ion Ratio Lower Upper
 142 100
 127 44.7 33.8 50.8
 141 14.7 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: 249.791 ug/l

RT: 3.04 min Scan# 310

Delta R.T. 0.01 min

Lab File: VX011472.D

Acq: 12 Aug 2019 10:18

Instrument :

MSVOA_X

ClientSampleId :

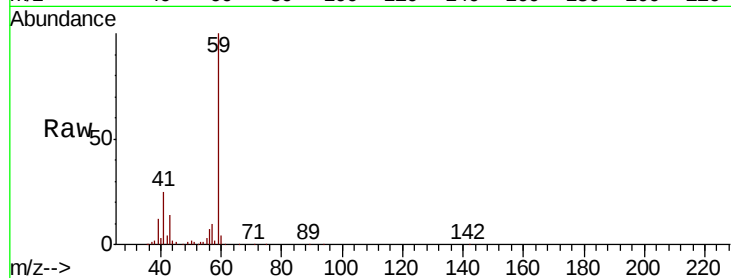
VSTDCCC050

Tgt Ion: 59 Resp: 84603

Ion Ratio Lower Upper

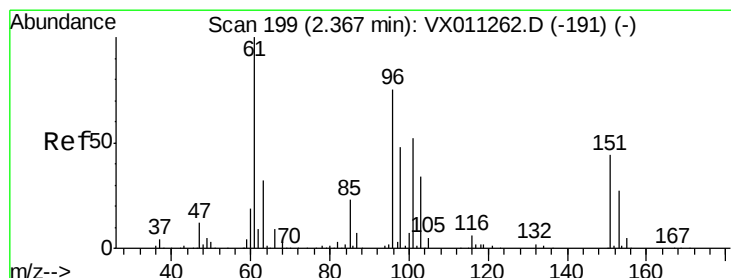
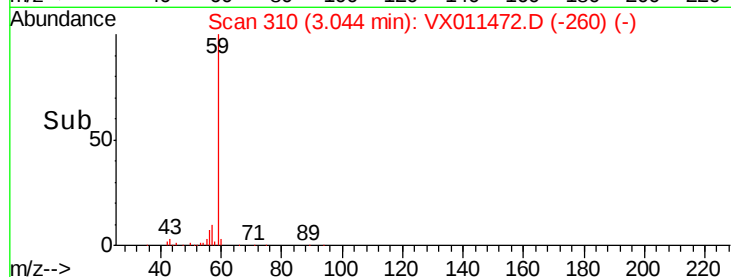
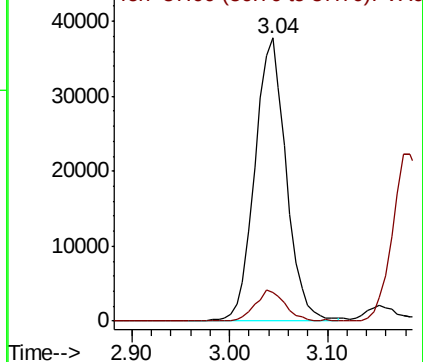
59 100

57 10.4 8.3 12.5



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#12

1,1-Dichloroethene

Concen: 49.092 ug/l

RT: 2.36 min Scan# 198

Delta R.T. -0.01 min

Lab File: VX011472.D

Acq: 12 Aug 2019 10:18

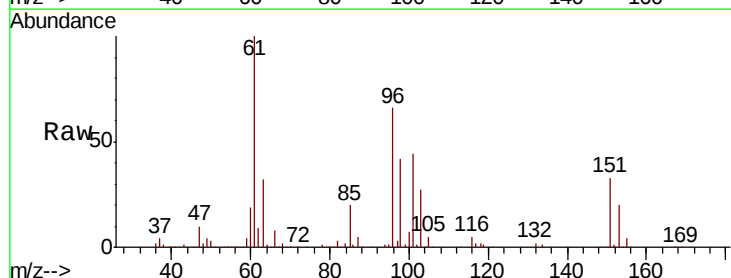
Tgt Ion: 96 Resp: 75334

Ion Ratio Lower Upper

96 100

61 151.4 106.2 159.2

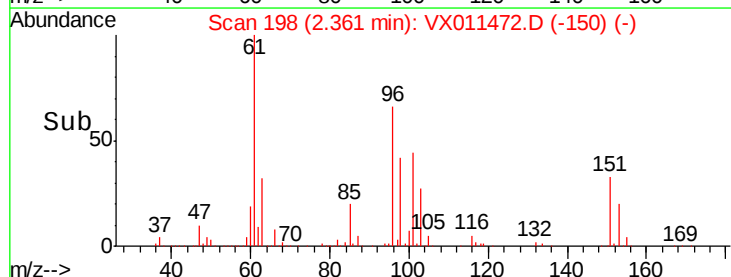
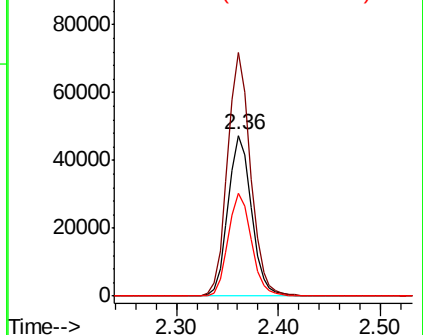
98 64.1 50.6 75.8

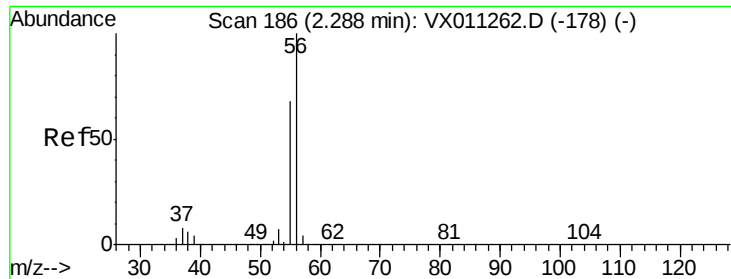


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#13

Acrolein

Concen: 249.965 ug/l

RT: 2.29 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX011472.D

Acq: 12 Aug 2019 10:18

Instrument :

MSVOA_X

ClientSampleId :

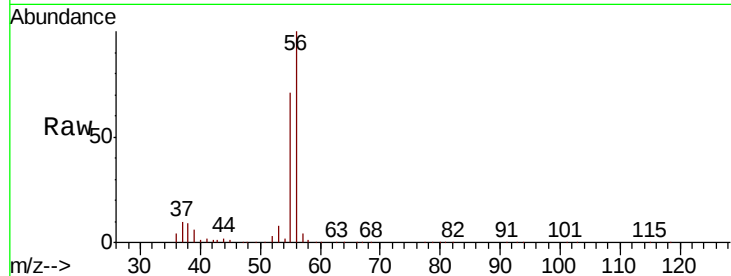
VSTDCCC050

Tgt Ion: 56 Resp: 52614

Ion Ratio Lower Upper

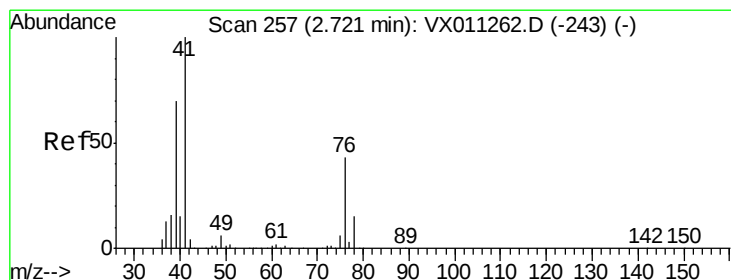
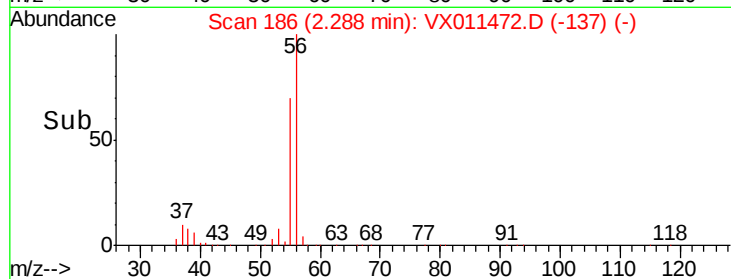
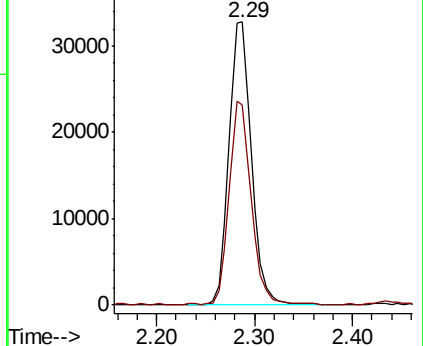
56 100

55 71.5 56.0 84.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 55.850 ug/l

RT: 2.71 min Scan# 256

Delta R.T. -0.01 min

Lab File: VX011472.D

Acq: 12 Aug 2019 10:18

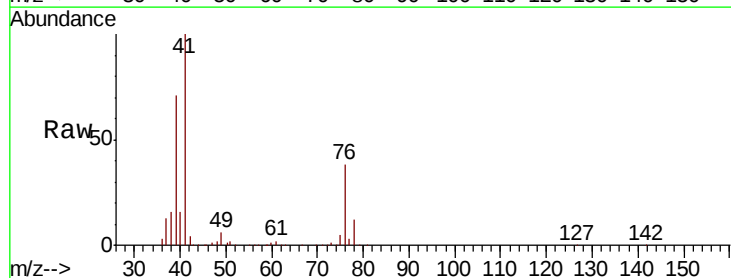
Tgt Ion: 41 Resp: 114255

Ion Ratio Lower Upper

41 100

39 68.3 52.8 79.2

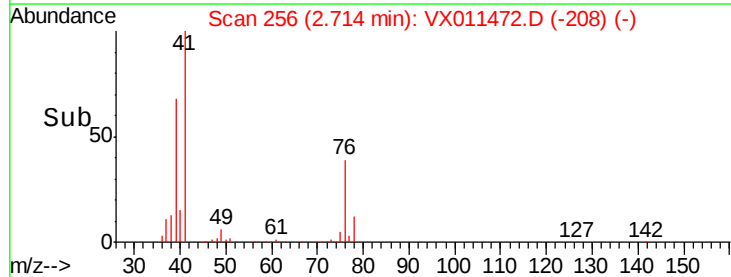
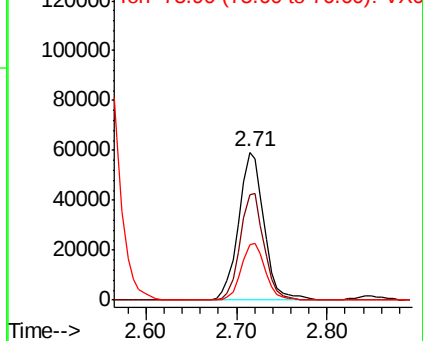
76 36.8 31.1 46.7



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





#15

Acrylonitrile

Concen: 261.506 ug/l

RT: 3.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VX011472.D

Acq: 12 Aug 2019 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

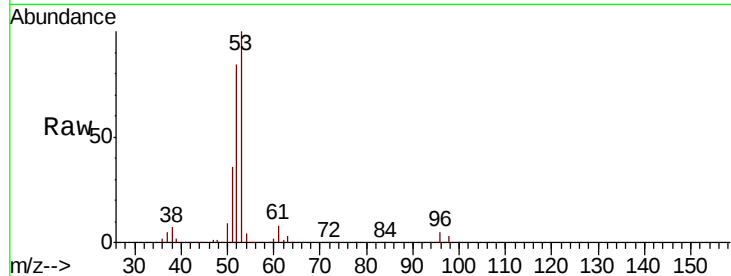
Tgt Ion: 53 Resp: 211360

Ion Ratio Lower Upper

53 100

52 83.2 65.5 98.3

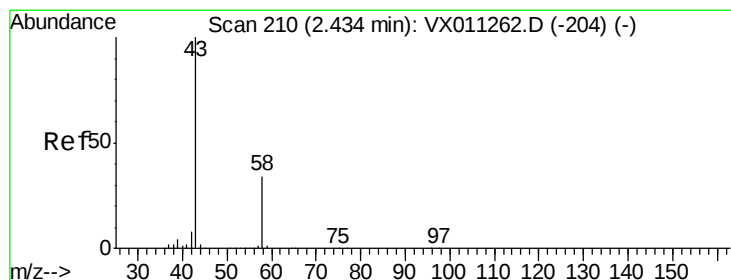
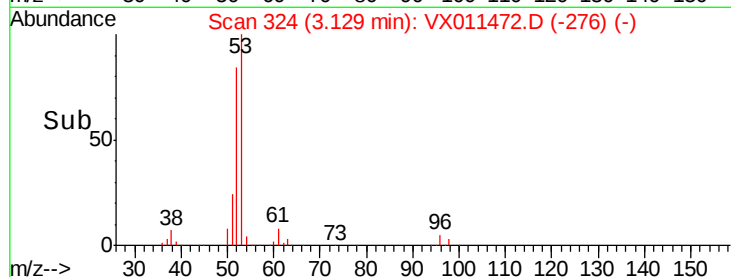
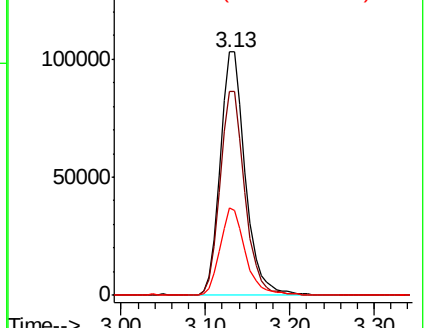
51 36.2 27.9 41.9



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 296.197 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011472.D

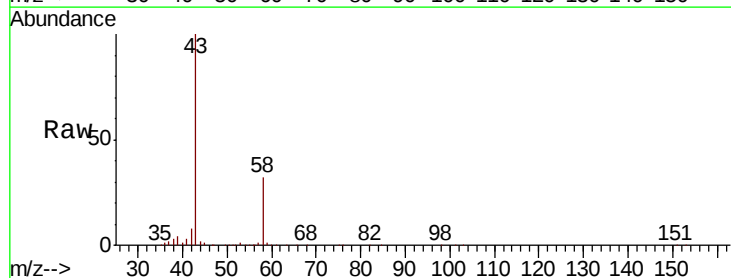
Acq: 12 Aug 2019 10:18

Tgt Ion: 43 Resp: 239462

Ion Ratio Lower Upper

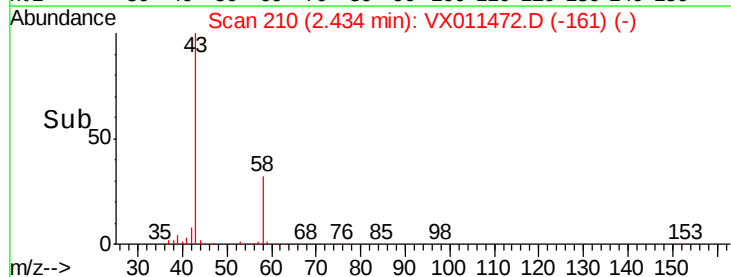
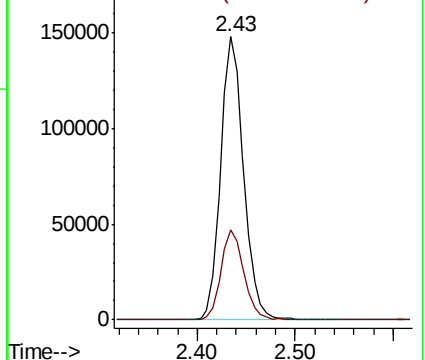
43 100

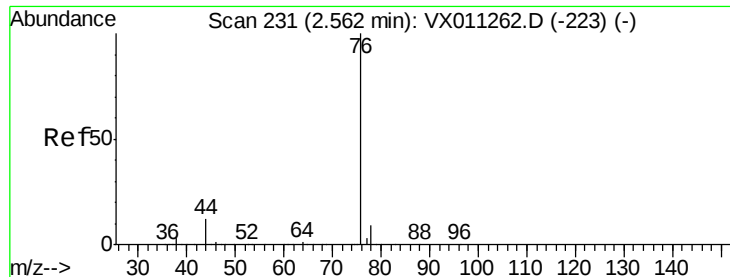
58 31.6 27.4 41.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

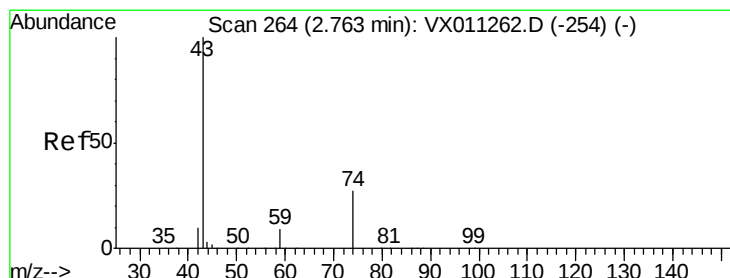
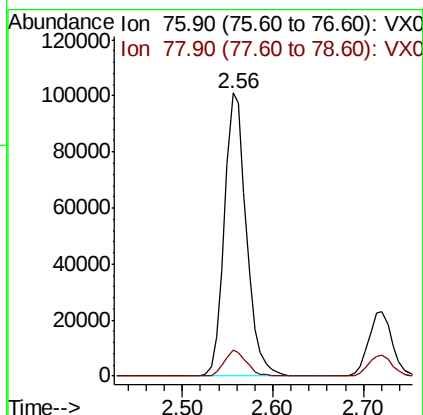
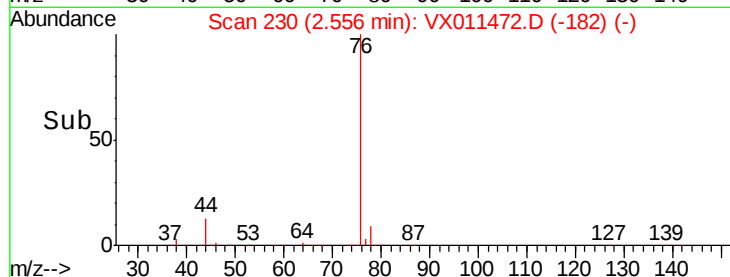
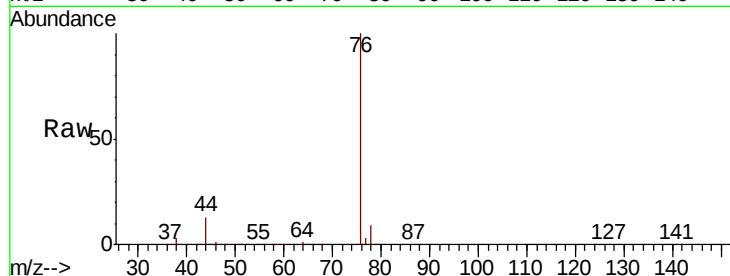




#17
Carbon Disulfide
Concen: 47.472 ug/l
RT: 2.56 min Scan# 230
Delta R.T. -0.01 min
Lab File: VX011472.D
Acq: 12 Aug 2019 10:18

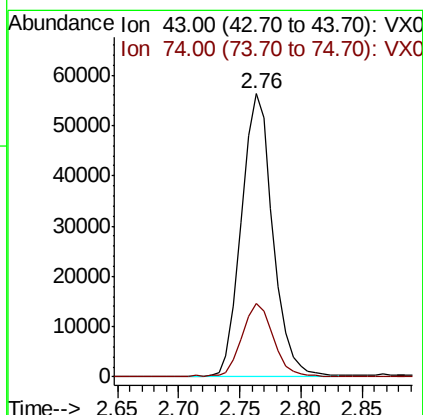
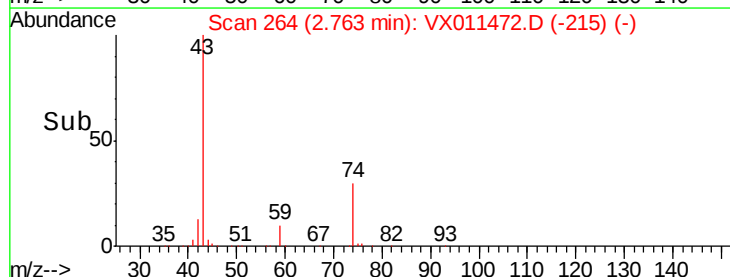
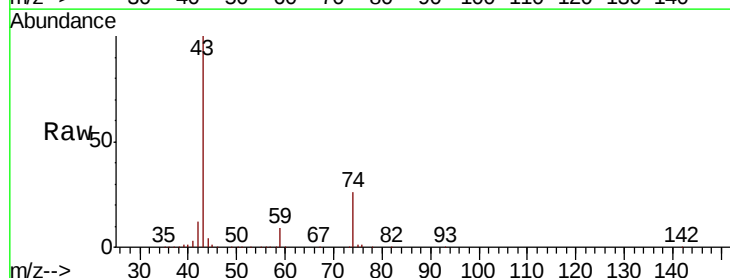
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

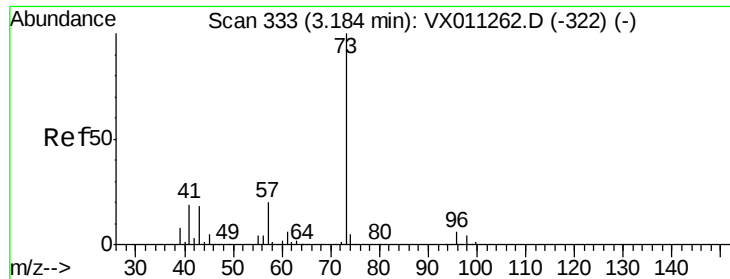
Tgt Ion: 76 Resp: 170948
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 54.142 ug/l
RT: 2.76 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX011472.D
Acq: 12 Aug 2019 10:18

Tgt Ion: 43 Resp: 100030
Ion Ratio Lower Upper
43 100
74 26.5 21.0 31.6

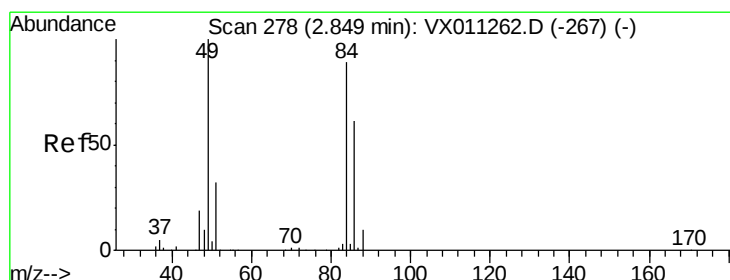
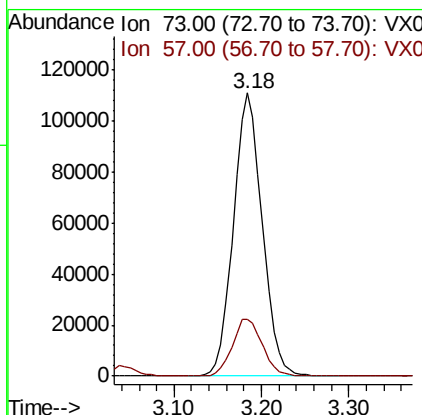
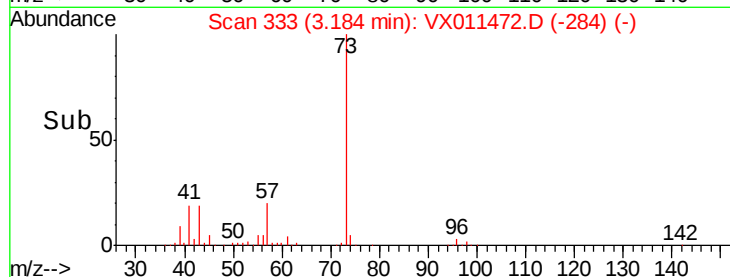
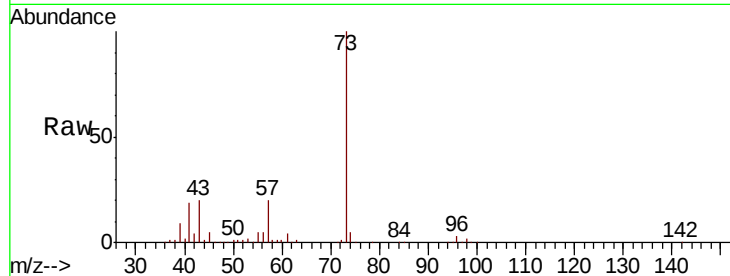




#19
Methyl tert-butyl Ether
Concen: 56.076 ug/l
RT: 3.18 min Scan# 333
Delta R.T. 0.00 min
Lab File: VX011472.D
Acq: 12 Aug 2019 10:18

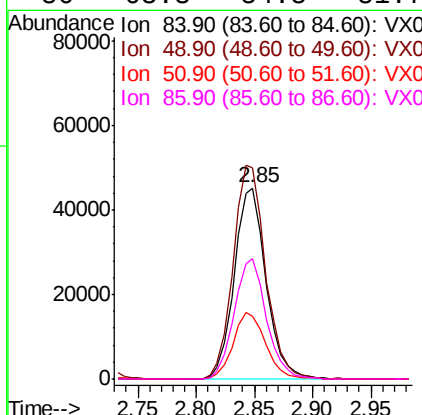
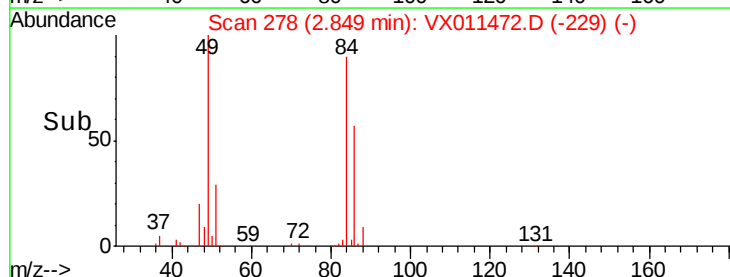
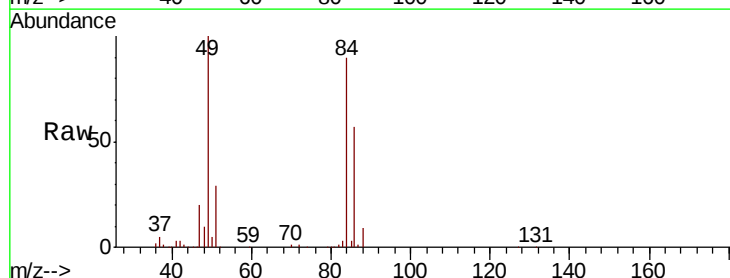
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

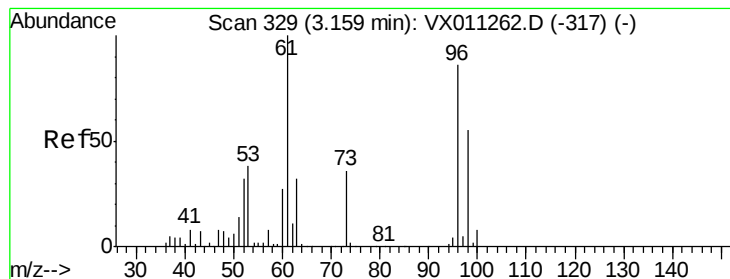
Tgt Ion: 73 Resp: 253586
Ion Ratio Lower Upper
73 100
57 20.0 16.2 24.2



#20
Methylene Chloride
Concen: 48.571 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011472.D
Acq: 12 Aug 2019 10:18

Tgt Ion: 84 Resp: 85997
Ion Ratio Lower Upper
84 100
49 110.6 89.3 133.9
51 32.7 28.3 42.5
86 63.3 54.5 81.7





#21

trans-1,2-Dichloroethene

Concen: 49.691 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.01 min

Lab File: VX011472.D

Acq: 12 Aug 2019 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

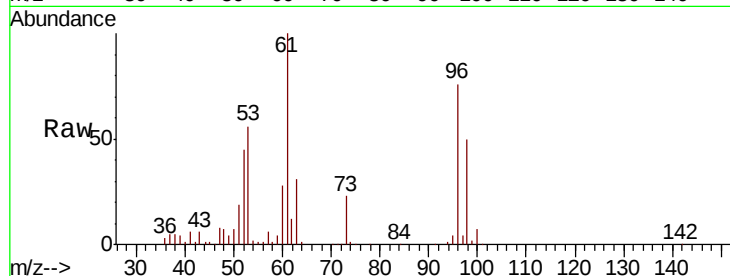
Tgt Ion: 96 Resp: 80662

Ion Ratio Lower Upper

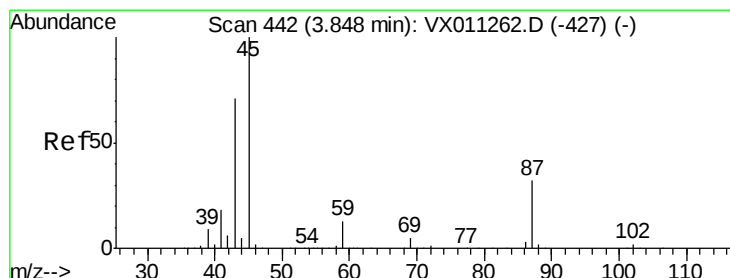
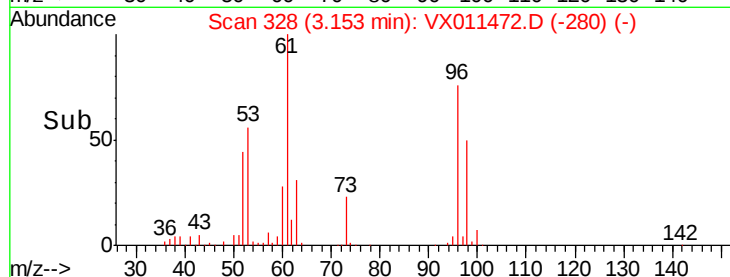
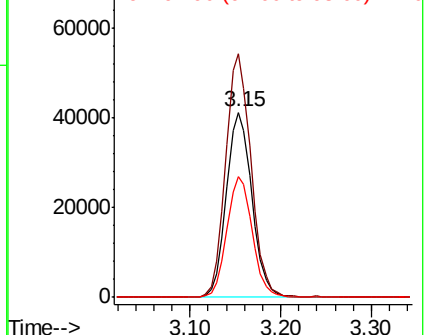
96 100

61 131.8 92.8 139.2

98 65.4 51.2 76.8



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



#22

Diisopropyl ether

Concen: 54.355 ug/l

RT: 3.84 min Scan# 441

Delta R.T. -0.01 min

Lab File: VX011472.D

Acq: 12 Aug 2019 10:18

Tgt Ion: 45 Resp: 244394

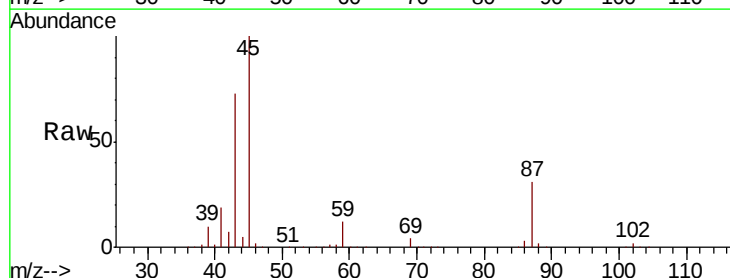
Ion Ratio Lower Upper

45 100

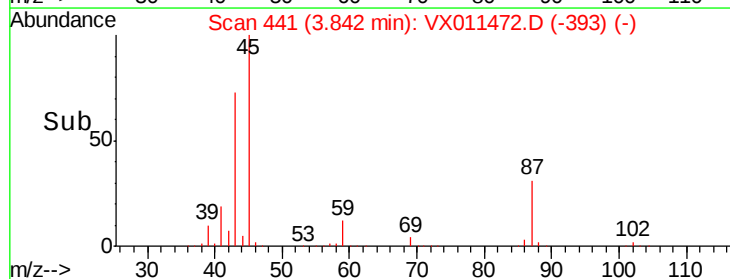
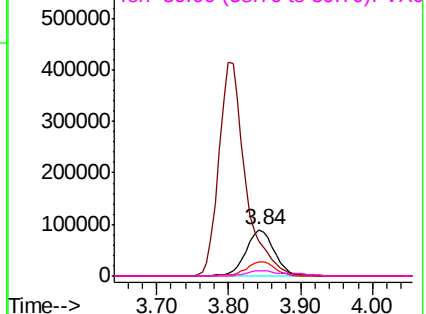
43 73.3 56.8 85.2

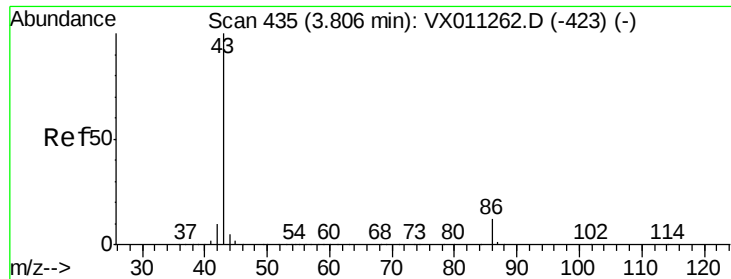
87 31.5 25.8 38.6

59 12.3 10.3 15.5



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 286.107 ug/l

RT: 3.80 min Scan# 434

Delta R.T. -0.01 min

Lab File: VX011472.D

Acq: 12 Aug 2019 10:18

Instrument :

MSVOA_X

ClientSampleId :

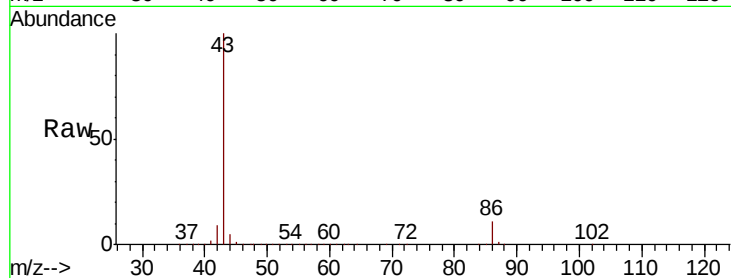
VSTDCCC050

Tgt Ion: 43 Resp: 1066950

Ion Ratio Lower Upper

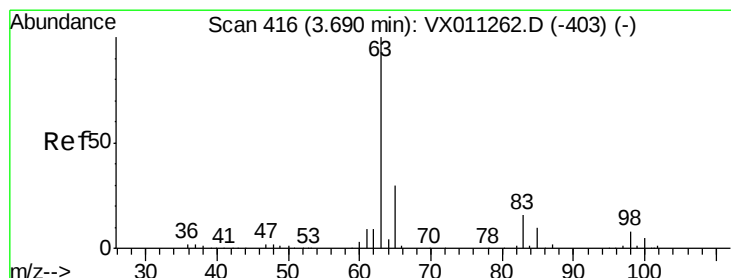
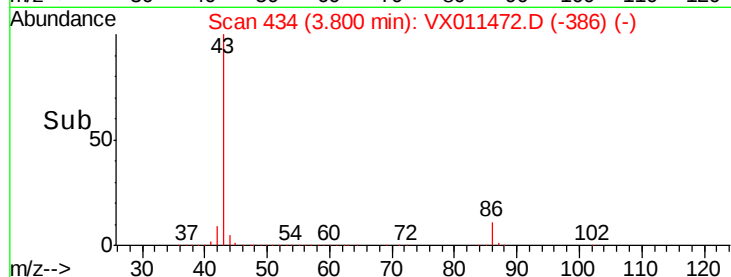
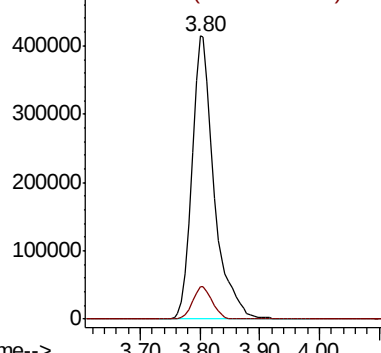
43 100

86 11.4 9.6 14.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 53.599 ug/l

RT: 3.68 min Scan# 415

Delta R.T. -0.01 min

Lab File: VX011472.D

Acq: 12 Aug 2019 10:18

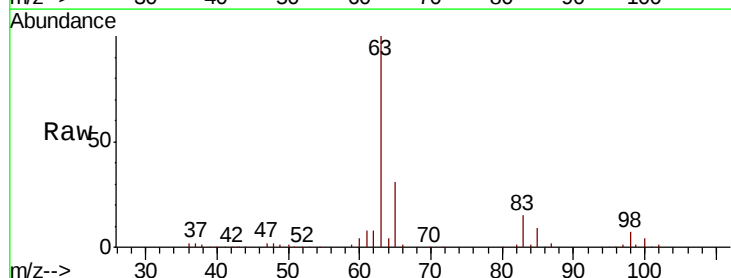
Tgt Ion: 63 Resp: 142103

Ion Ratio Lower Upper

63 100

98 7.4 3.9 11.5

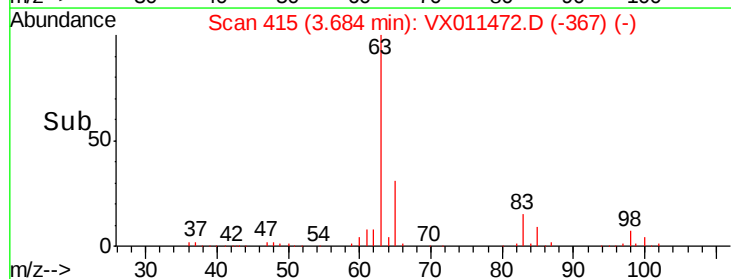
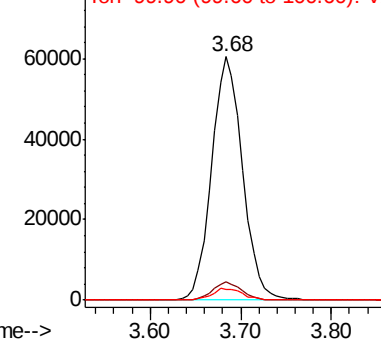
100 4.3 2.7 8.1

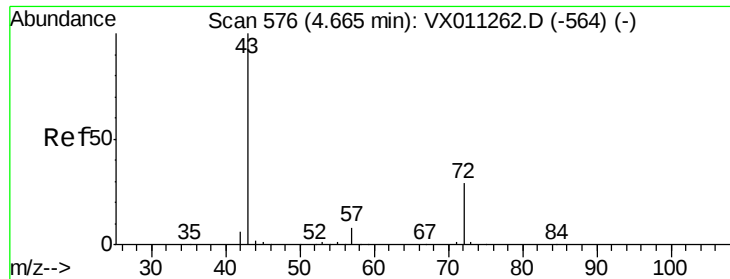


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 276.410 ug/l

RT: 4.66 min Scan# 575

Delta R.T. -0.01 min

Lab File: VX011472.D

Acq: 12 Aug 2019 10:18

Instrument :

MSVOA_X

ClientSampleId :

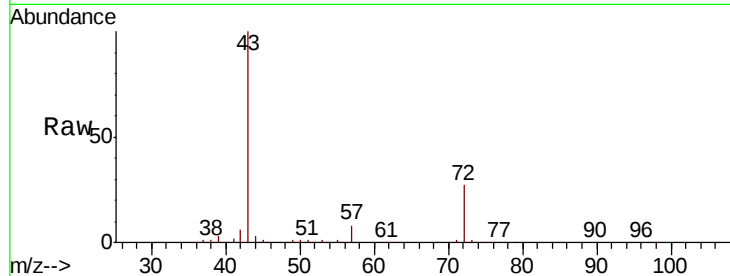
VSTDCCC050

Tgt Ion: 43 Resp: 317880

Ion Ratio Lower Upper

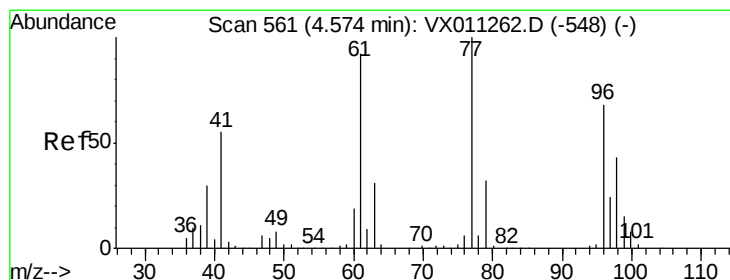
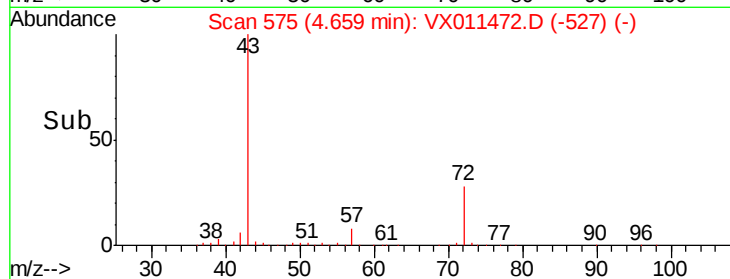
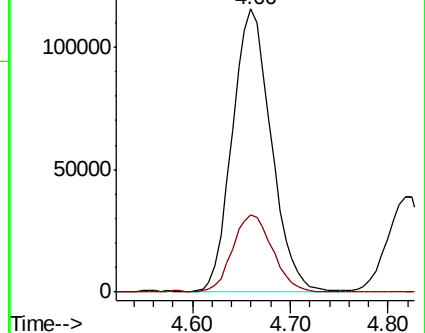
43 100

72 27.4 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 60.228 ug/l

RT: 4.57 min Scan# 560

Delta R.T. -0.01 min

Lab File: VX011472.D

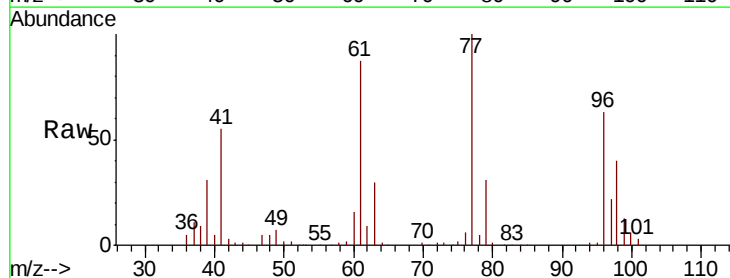
Acq: 12 Aug 2019 10:18

Tgt Ion: 77 Resp: 124127

Ion Ratio Lower Upper

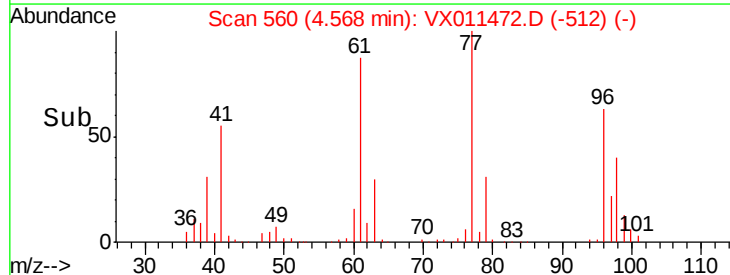
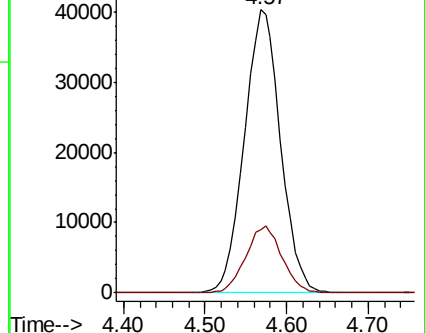
77 100

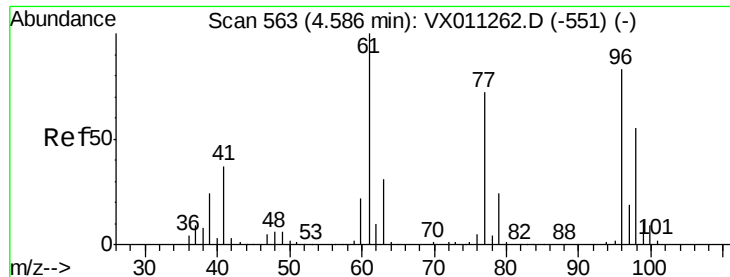
97 23.5 12.8 38.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



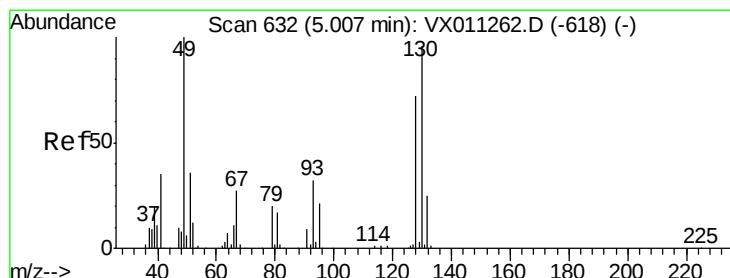
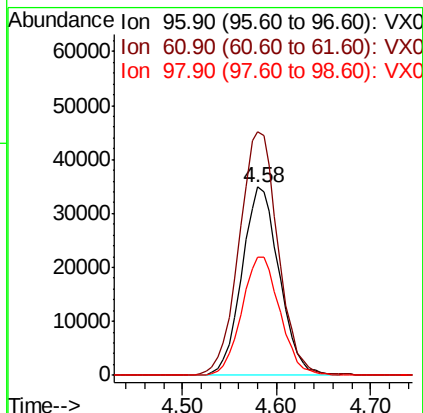
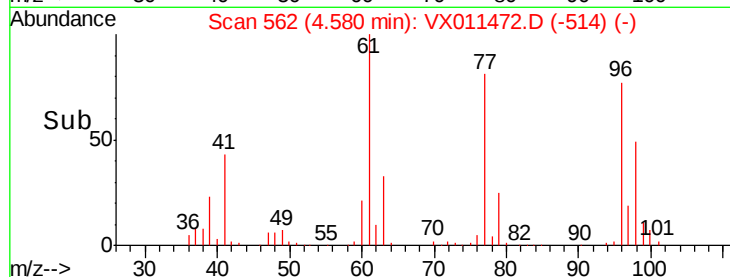
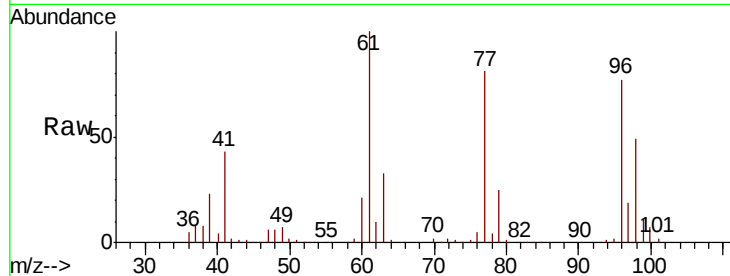


#27

cis-1,2-Dichloroethene
Concen: 51.889 ug/l
RT: 4.58 min Scan# 562
Delta R.T. -0.01 min
Lab File: VX011472.D
Acq: 12 Aug 2019 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

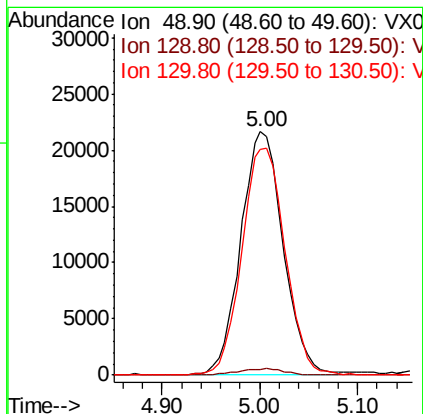
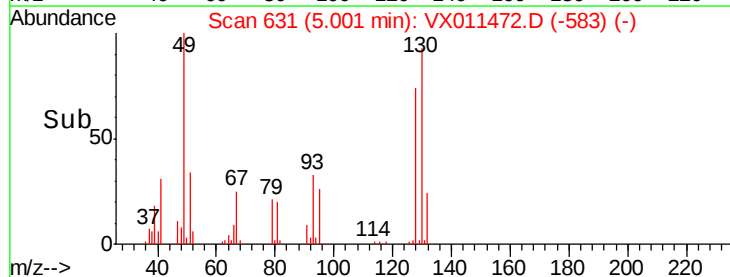
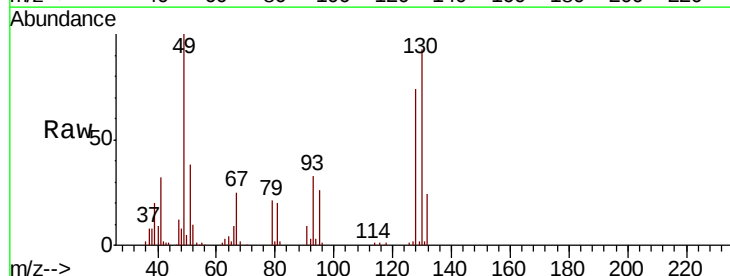
Tgt Ion: 96 Resp: 97019
Ion Ratio Lower Upper
96 100
61 134.6 0.0 260.2
98 64.7 0.0 133.2

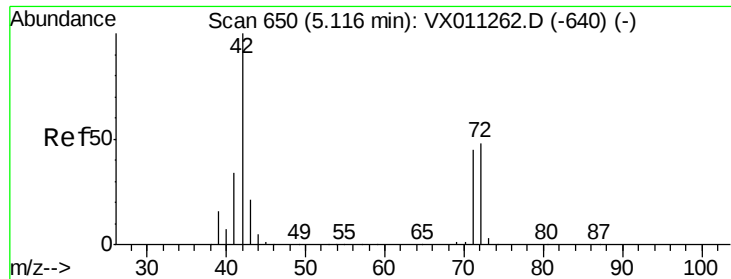


#28

Bromochloromethane
Concen: 53.934 ug/l
RT: 5.00 min Scan# 631
Delta R.T. -0.01 min
Lab File: VX011472.D
Acq: 12 Aug 2019 10:18

Tgt Ion: 49 Resp: 65188
Ion Ratio Lower Upper
49 100
129 2.8 0.0 5.8
130 94.9 77.9 116.9

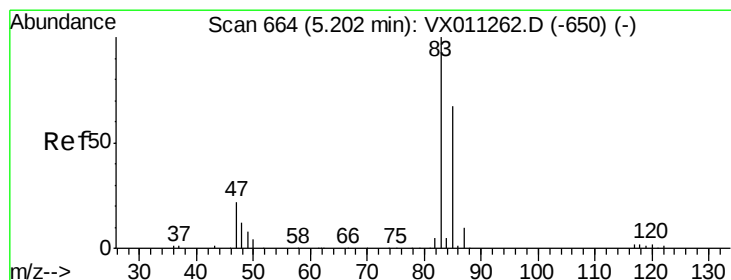
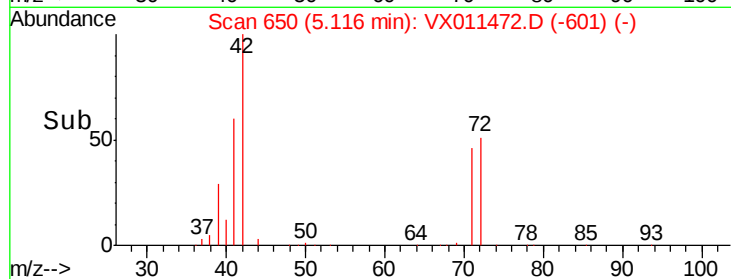
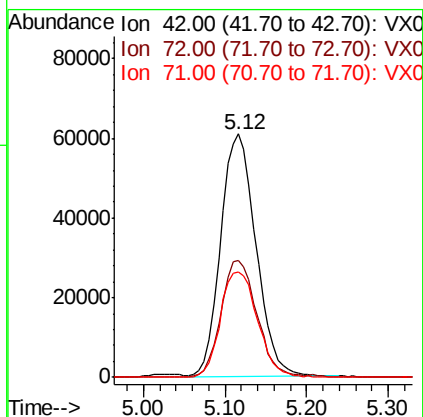
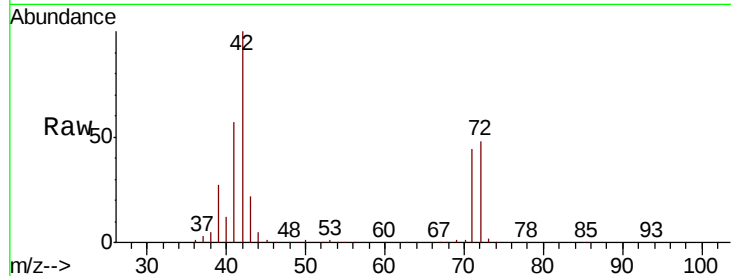




#29
Tetrahydrofuran
Concen: 259.200 ug/l
RT: 5.12 min Scan# 650
Delta R.T. 0.00 min
Lab File: VX011472.D
Acq: 12 Aug 2019 10:18

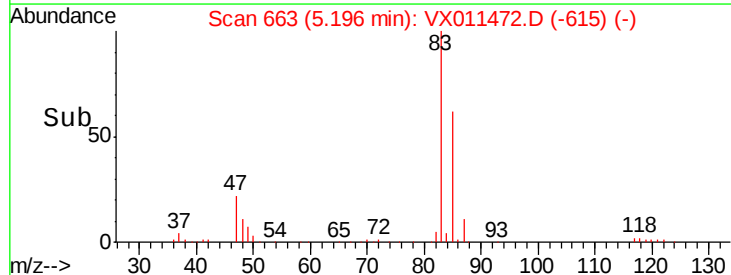
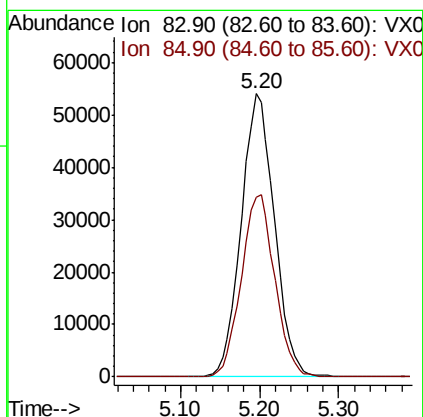
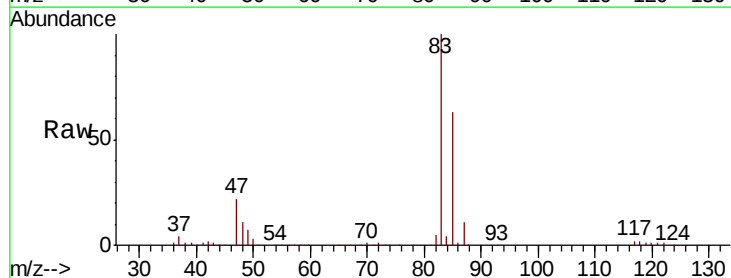
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

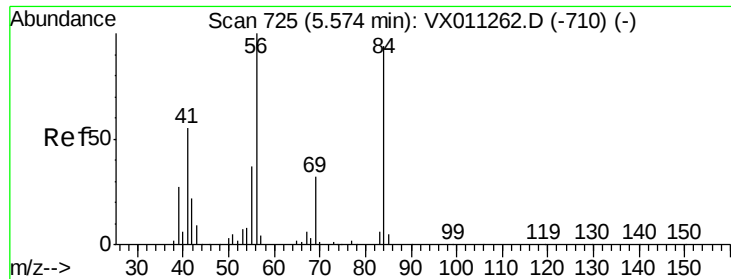
Tgt Ion: 42 Resp: 182772
Ion Ratio Lower Upper
42 100
72 49.5 39.9 59.9
71 46.0 36.9 55.3



#30
Chloroform
Concen: 54.996 ug/l
RT: 5.20 min Scan# 663
Delta R.T. -0.01 min
Lab File: VX011472.D
Acq: 12 Aug 2019 10:18

Tgt Ion: 83 Resp: 158474
Ion Ratio Lower Upper
83 100
85 63.4 53.4 80.0

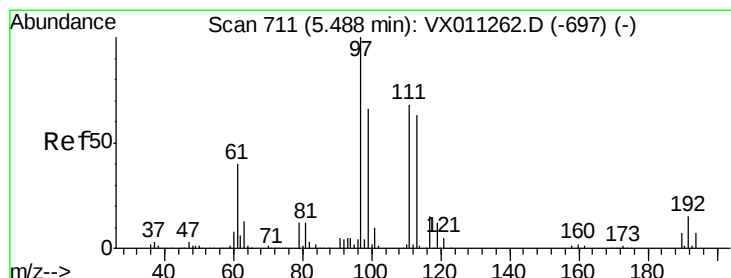
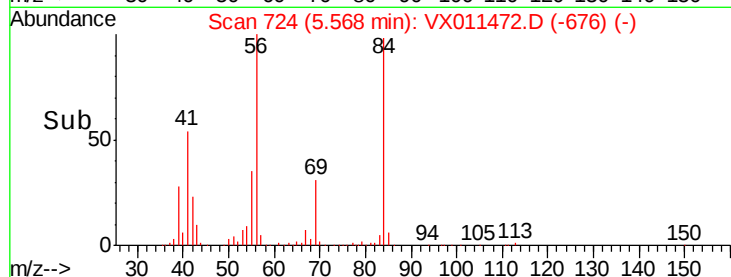
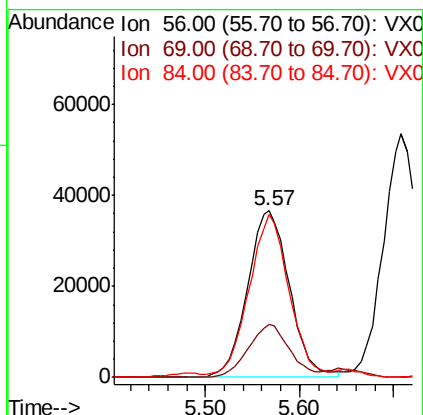
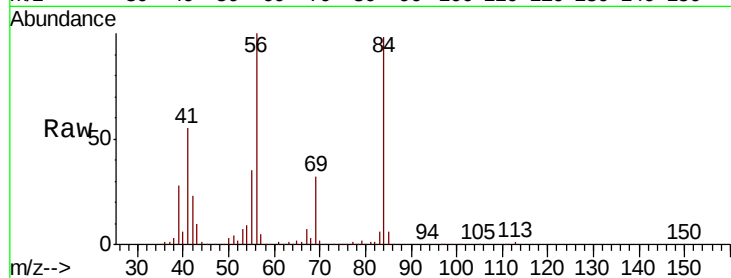




#31
Cyclohexane
Concen: 51.967 ug/l
RT: 5.57 min Scan# 724
Delta R.T. -0.01 min
Lab File: VX011472.D
Acq: 12 Aug 2019 10:18

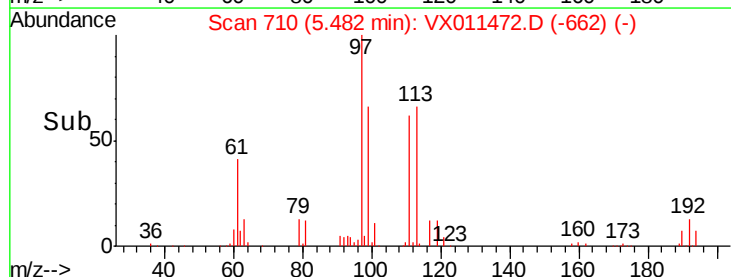
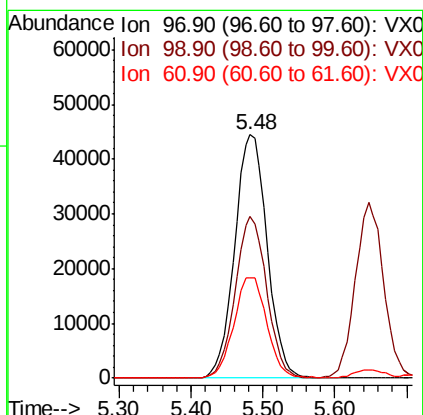
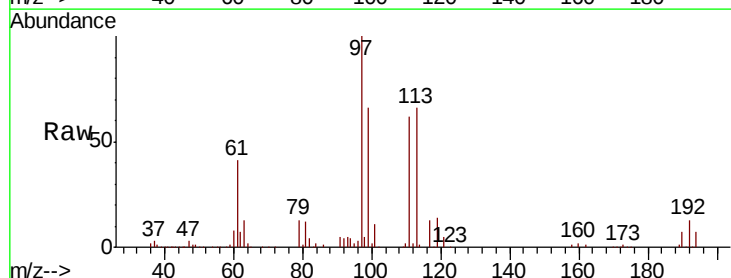
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

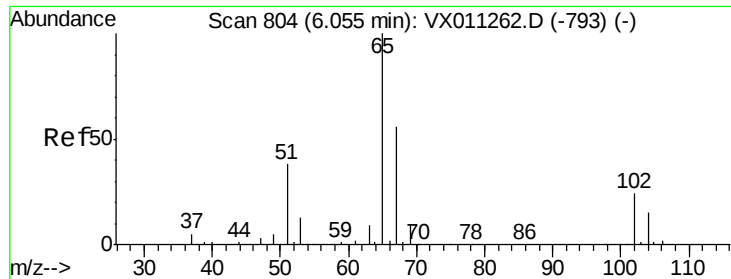
Tgt Ion: 56 Resp: 113668
Ion Ratio Lower Upper
56 100
69 31.7 25.5 38.3
84 95.6 75.0 112.4



#32
1,1,1-Trichloroethane
Concen: 56.362 ug/l
RT: 5.48 min Scan# 710
Delta R.T. -0.01 min
Lab File: VX011472.D
Acq: 12 Aug 2019 10:18

Tgt Ion: 97 Resp: 139127
Ion Ratio Lower Upper
97 100
99 64.3 51.6 77.4
61 42.2 32.3 48.5

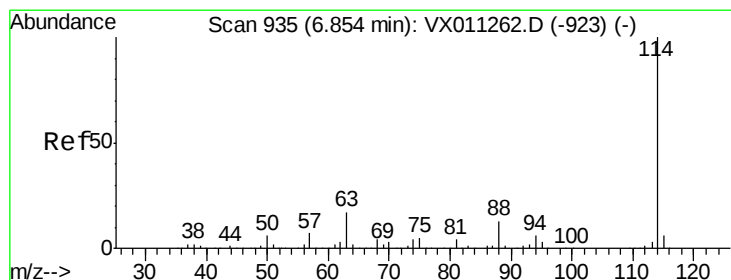
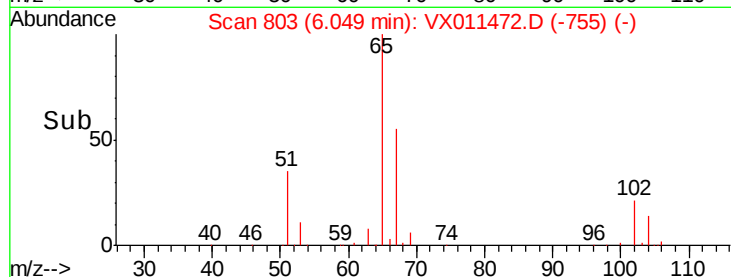
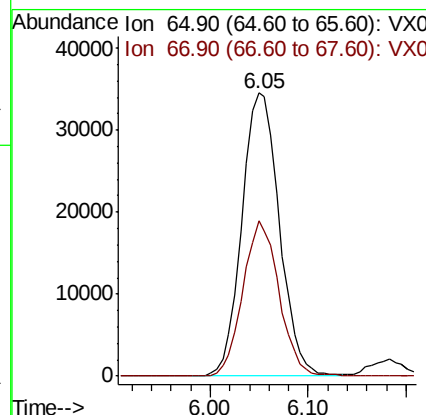
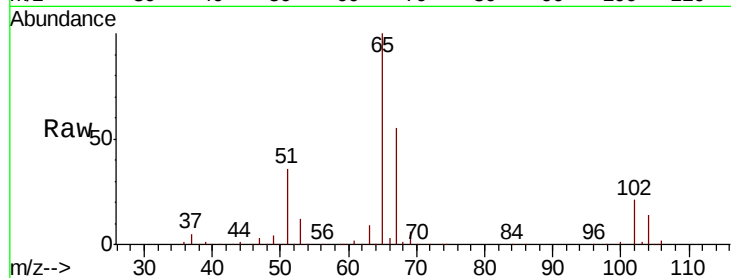




#33
 1,2-Dichloroethane-d4
 Concen: 54.035 ug/l
 RT: 6.05 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: VX011472.D
 Acq: 12 Aug 2019 10:18

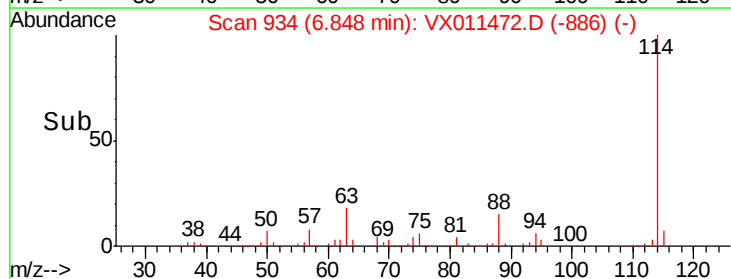
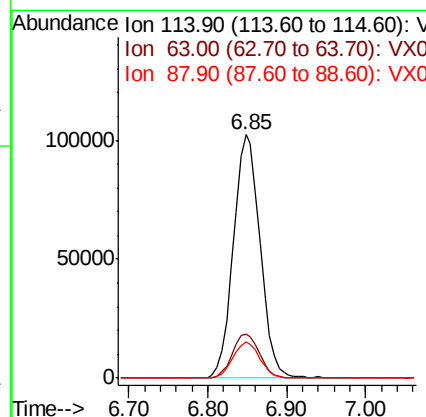
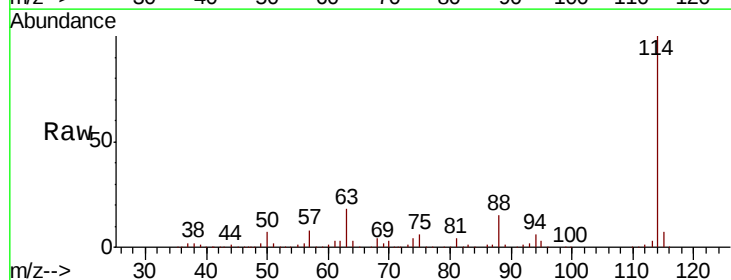
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

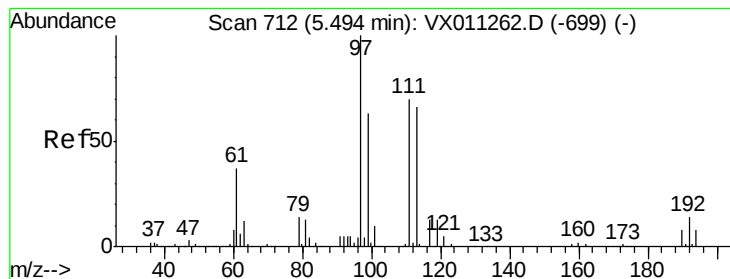
Tgt Ion: 65 Resp: 91779
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 934
 Delta R.T. -0.01 min
 Lab File: VX011472.D
 Acq: 12 Aug 2019 10:18

Tgt Ion: 114 Resp: 241288
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 34.0
 88 15.0 0.0 26.4





#35

Dibromofluoromethane

Concen: 51.737 ug/l

RT: 5.48 min Scan# 710

Delta R.T. -0.01 min

Lab File: VX011472.D

Acq: 12 Aug 2019 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

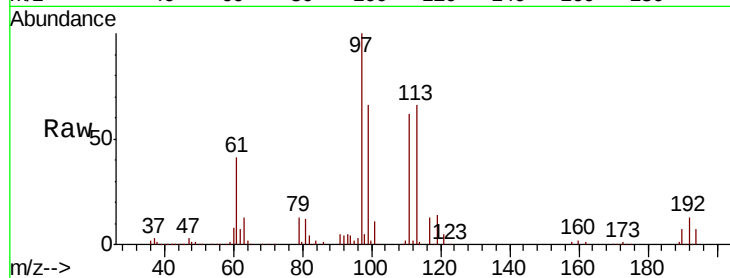
Tgt Ion:113 Resp: 81502

Ion Ratio Lower Upper

113 100

111 102.6 81.9 122.9

192 21.3 17.8 26.8

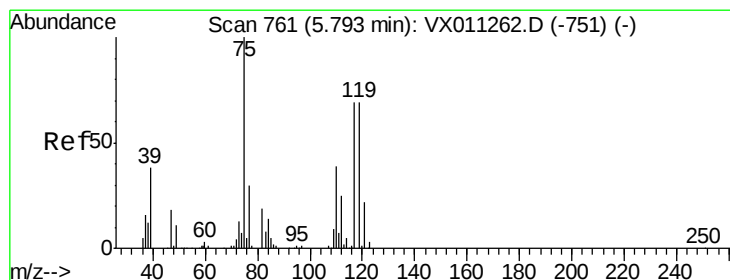
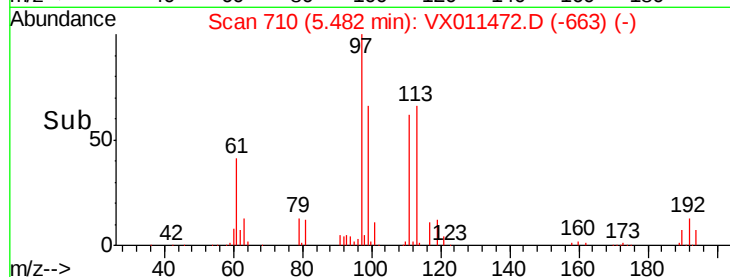
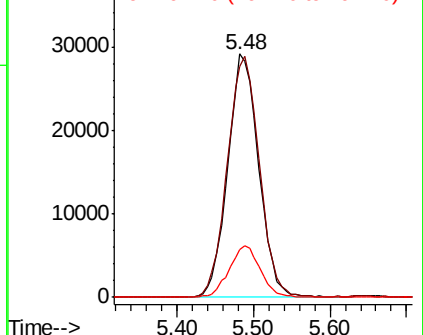


Abundance

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: 52.344 ug/l

RT: 5.79 min Scan# 761

Delta R.T. 0.00 min

Lab File: VX011472.D

Acq: 12 Aug 2019 10:18

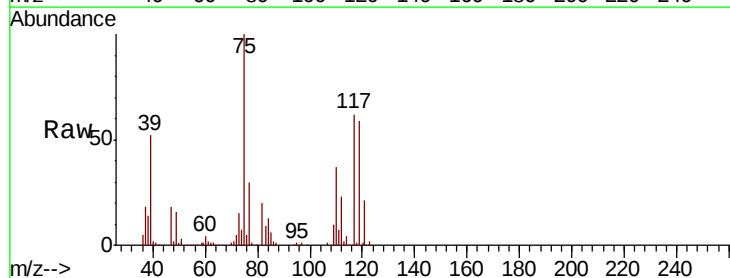
Tgt Ion: 75 Resp: 110272

Ion Ratio Lower Upper

75 100

110 38.7 20.0 59.9

77 31.7 24.8 37.2

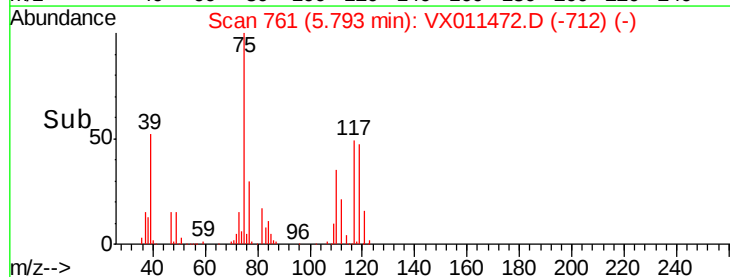
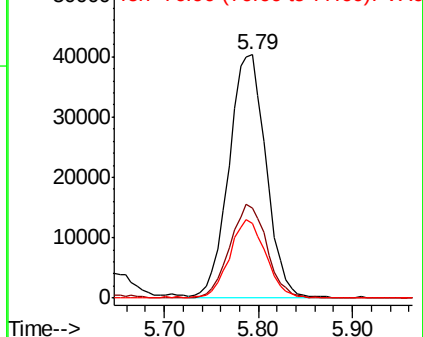


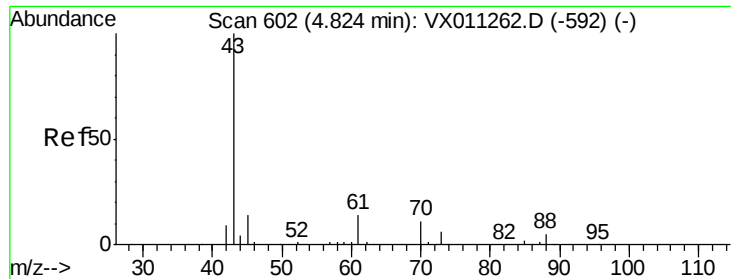
Abundance

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: 53.762 ug/l

RT: 4.82 min Scan# 601

Delta R.T. -0.01 min

Lab File: VX011472.D

Acq: 12 Aug 2019 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

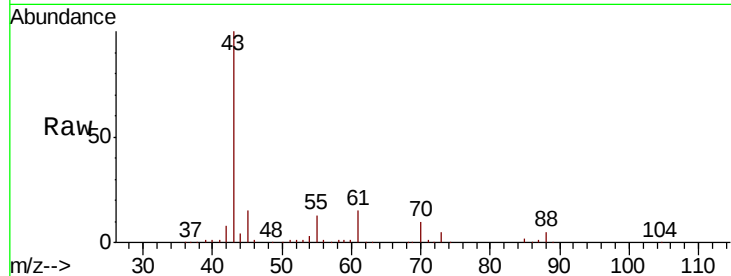
Tgt Ion: 43 Resp: 113606

Ion Ratio Lower Upper

43 100

61 14.7 12.6 18.8

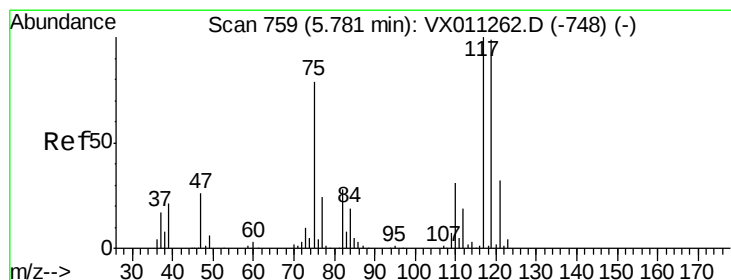
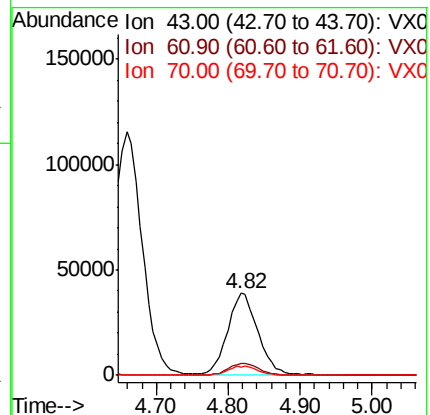
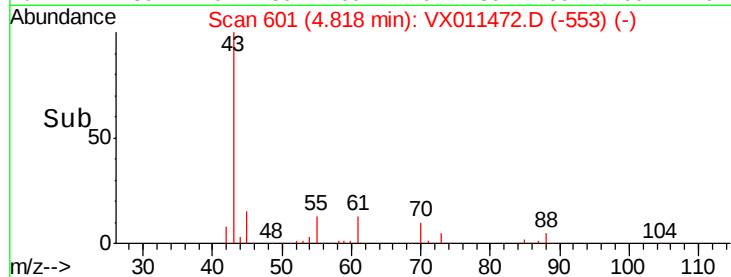
70 11.4 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 58.464 ug/l

RT: 5.77 min Scan# 758

Delta R.T. -0.01 min

Lab File: VX011472.D

Acq: 12 Aug 2019 10:18

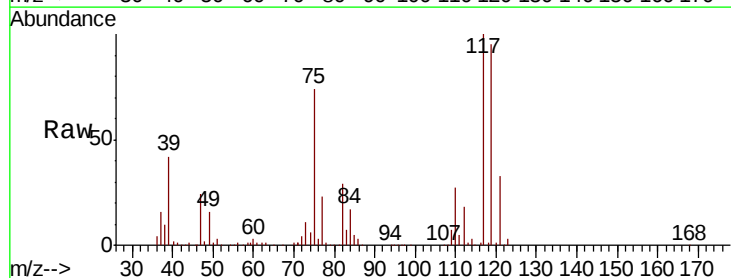
Tgt Ion: 117 Resp: 123912

Ion Ratio Lower Upper

117 100

119 94.4 79.0 118.4

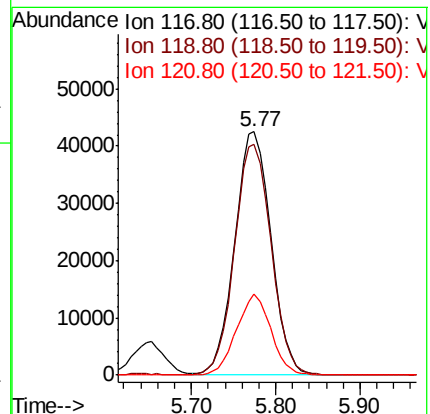
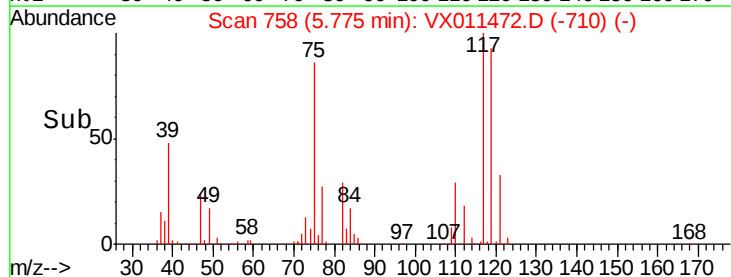
121 33.3 25.9 38.9

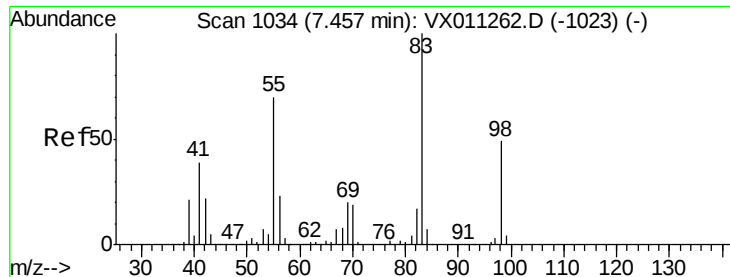


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

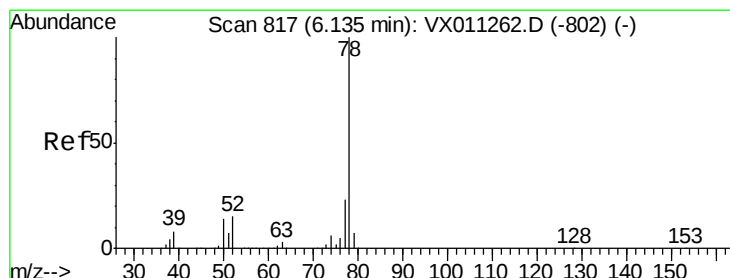
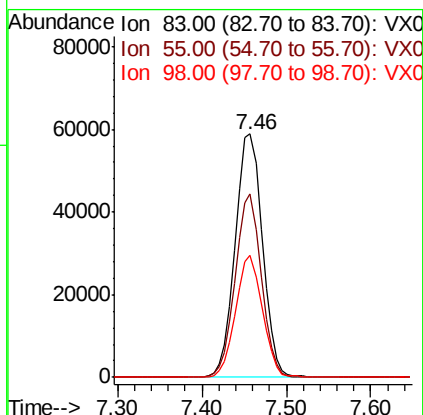
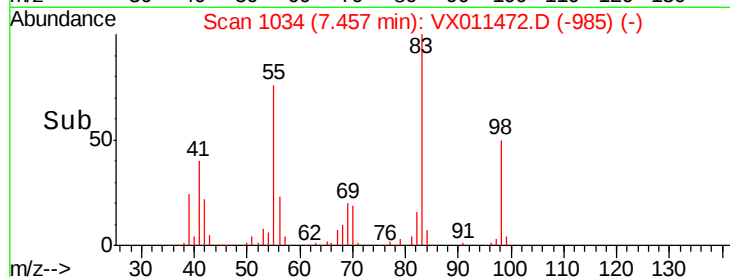
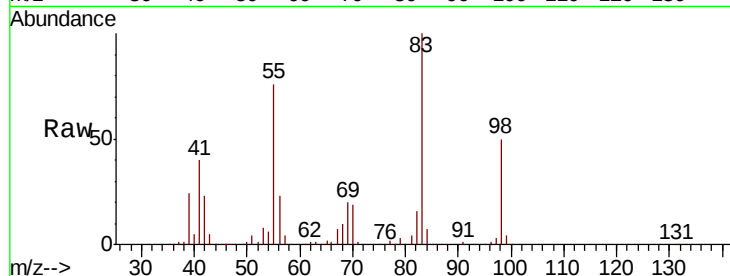




#39
Methylcyclohexane
Concen: 51.531 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX011472.D
Acq: 12 Aug 2019 10:18

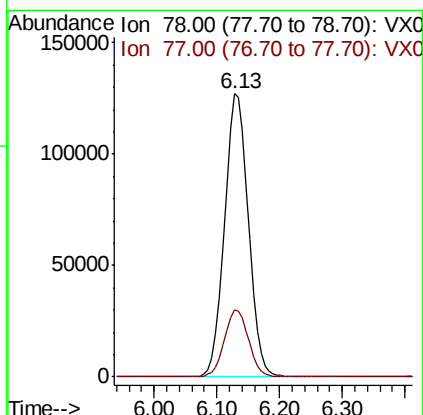
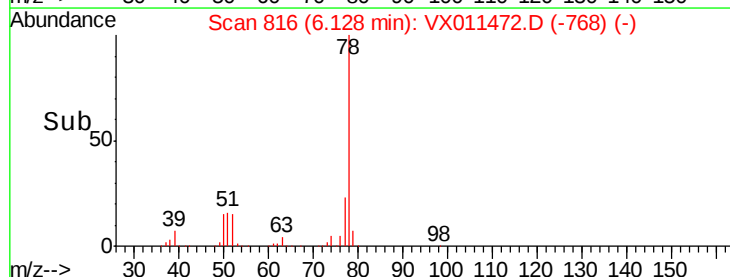
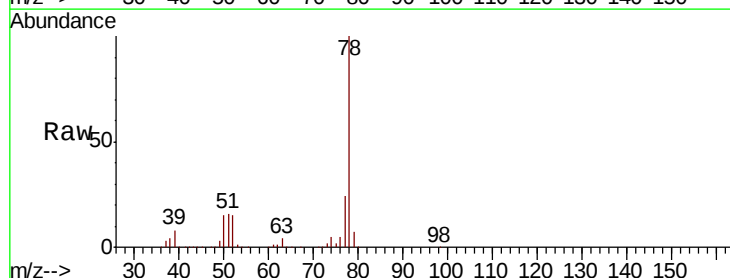
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

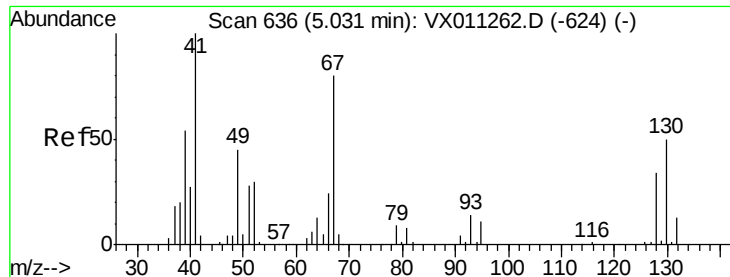
Tgt Ion: 83 Resp: 128679
Ion Ratio Lower Upper
83 100
55 75.6 56.1 84.1
98 50.2 39.0 58.4



#40
Benzene
Concen: 53.165 ug/l
RT: 6.13 min Scan# 816
Delta R.T. -0.01 min
Lab File: VX011472.D
Acq: 12 Aug 2019 10:18

Tgt Ion: 78 Resp: 334223
Ion Ratio Lower Upper
78 100
77 23.8 18.2 27.2





#41

Methacrylonitrile

Concen: 55.507 ug/l

RT: 5.03 min Scan# 635

Delta R.T. -0.01 min

Lab File: VX011472.D

Acq: 12 Aug 2019 10:18

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tgt Ion: 41 Resp: 64058

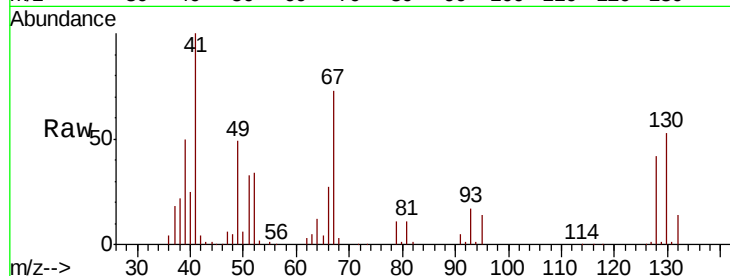
Ion Ratio Lower Upper

41 100

39 55.6 43.0 64.6

67 76.7 65.1 97.7

52 30.7 24.8 37.2

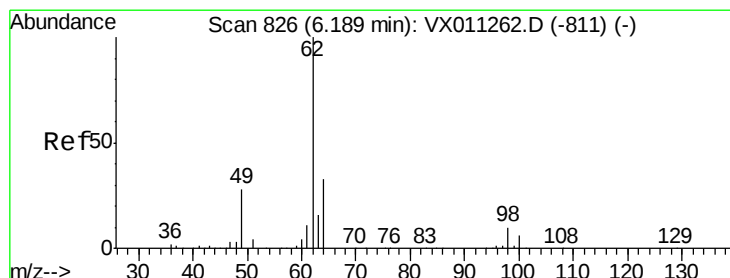
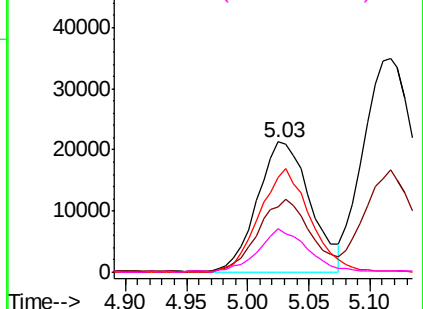
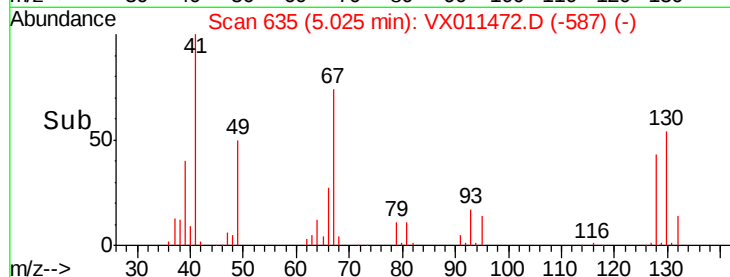


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 58.564 ug/l

RT: 6.18 min Scan# 825

Delta R.T. -0.01 min

Lab File: VX011472.D

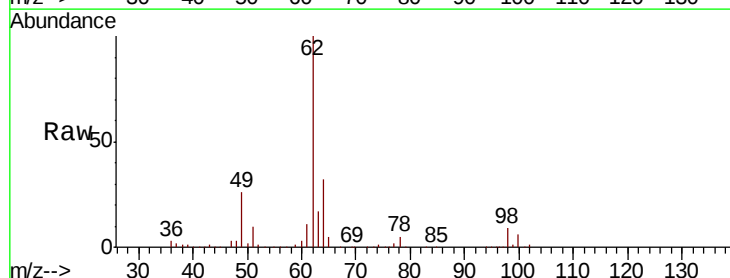
Acq: 12 Aug 2019 10:18

Tgt Ion: 62 Resp: 124493

Ion Ratio Lower Upper

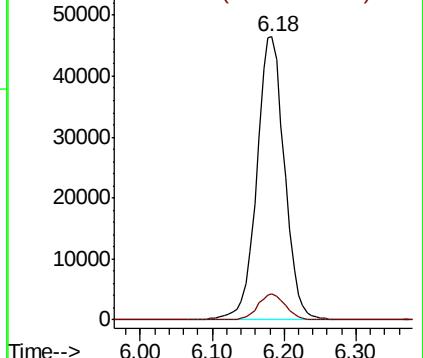
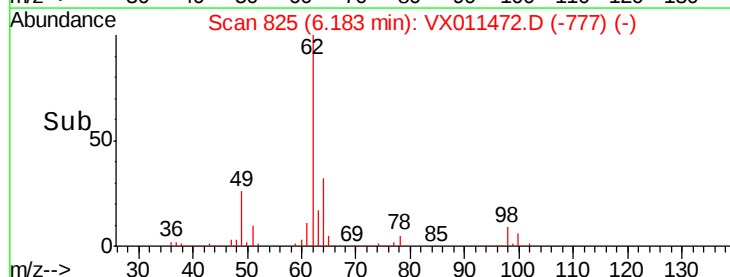
62 100

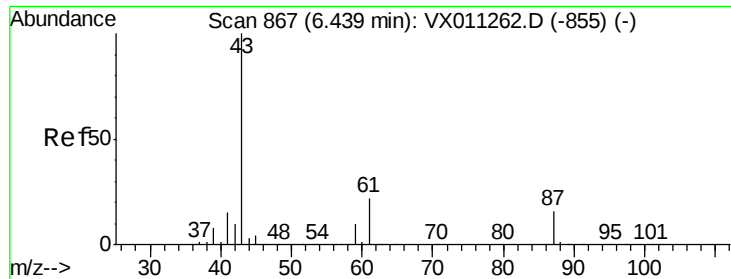
98 9.1 0.0 20.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 55.122 ug/l

RT: 6.43 min Scan# 866

Delta R.T. -0.01 min

Lab File: VX011472.D

Acq: 12 Aug 2019 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

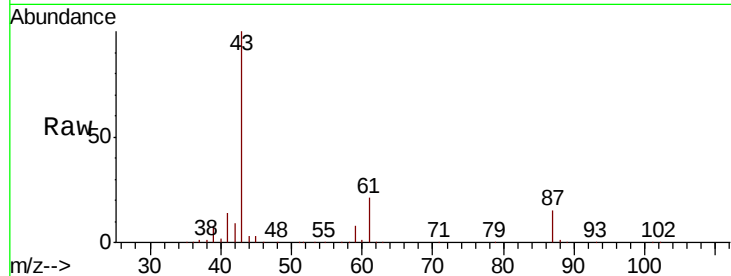
Tgt Ion: 43 Resp: 186225

Ion Ratio Lower Upper

43 100

61 20.4 16.5 24.7

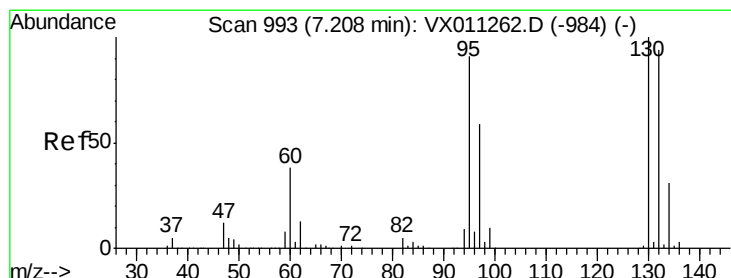
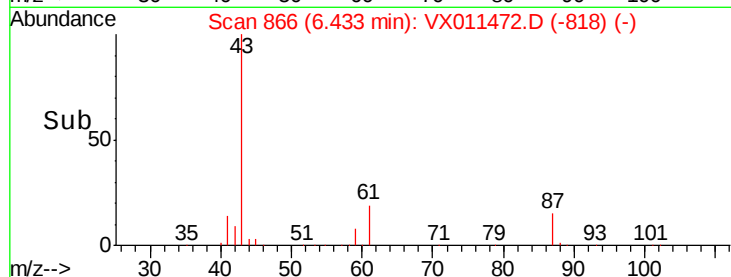
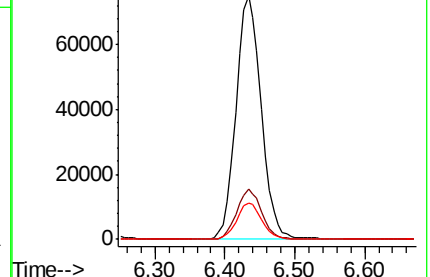
87 14.8 12.1 18.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 52.284 ug/l

RT: 7.21 min Scan# 993

Delta R.T. 0.00 min

Lab File: VX011472.D

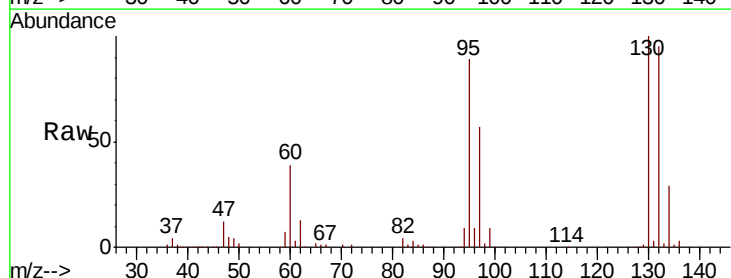
Acq: 12 Aug 2019 10:18

Tgt Ion: 130 Resp: 99487

Ion Ratio Lower Upper

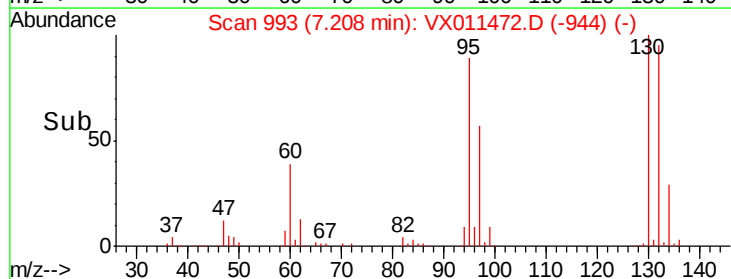
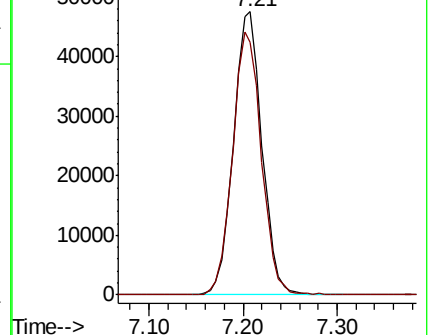
130 100

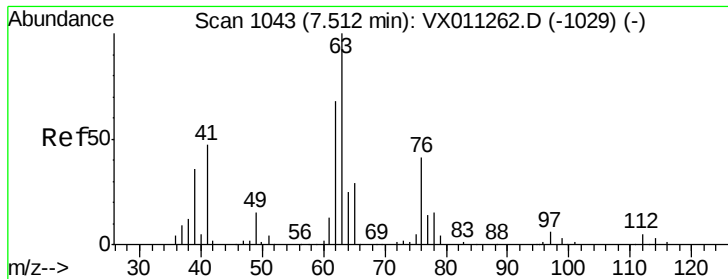
95 89.5 0.0 182.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

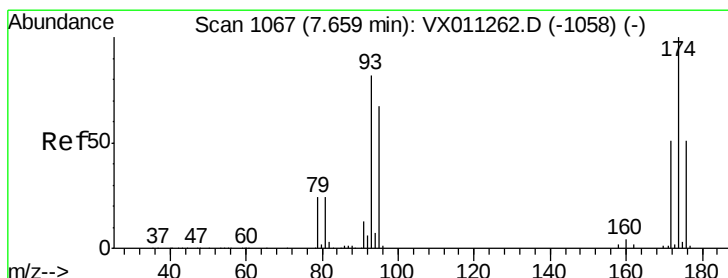
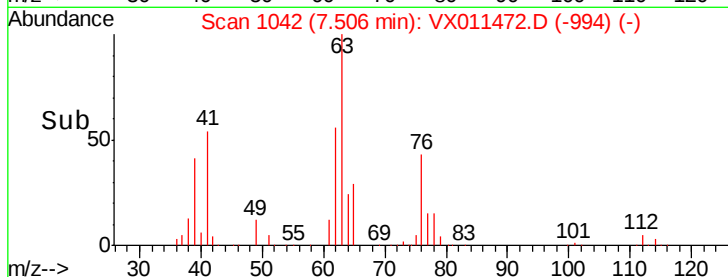
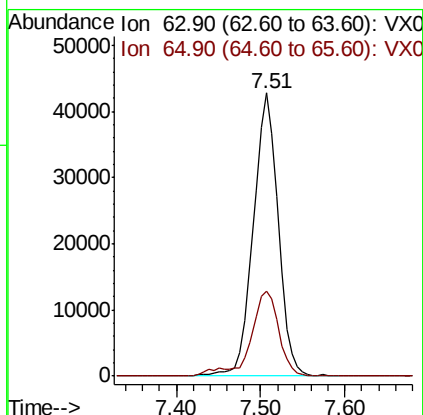
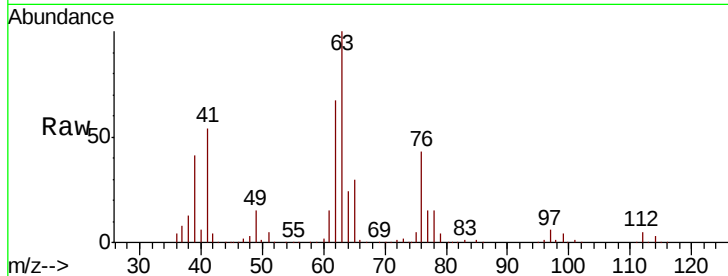




#45
 1,2-Dichloropropane
 Concen: 52.918 ug/l
 RT: 7.51 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX011472.D
 Acq: 12 Aug 2019 10:18

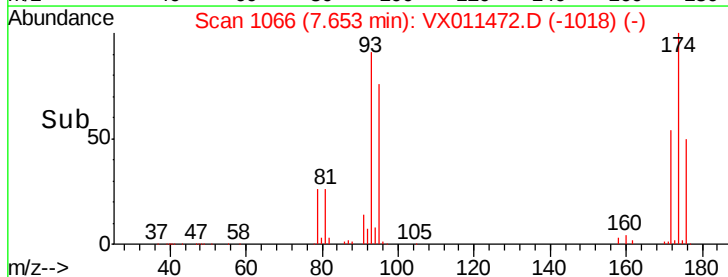
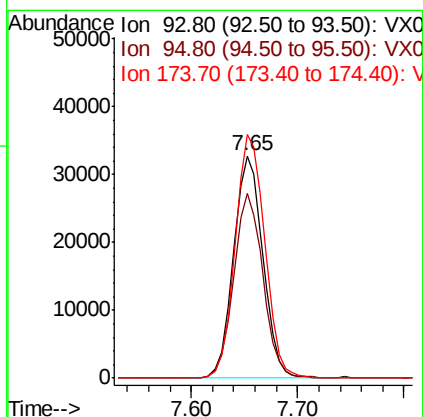
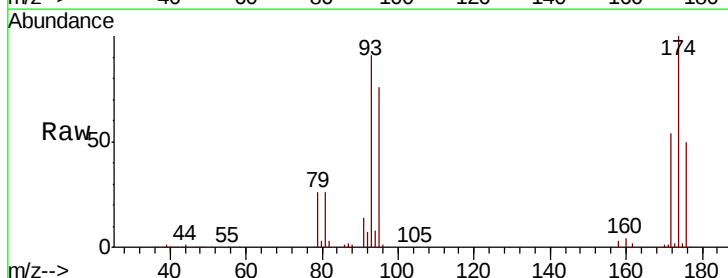
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

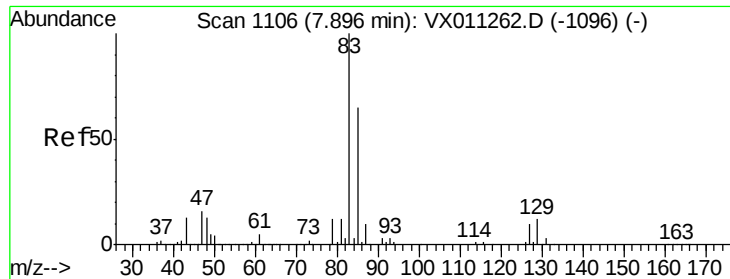
Tgt Ion: 63 Resp: 86155
 Ion Ratio Lower Upper
 63 100
 65 30.0 23.3 34.9



#46
 Dibromomethane
 Concen: 53.423 ug/l
 RT: 7.65 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: VX011472.D
 Acq: 12 Aug 2019 10:18

Tgt Ion: 93 Resp: 63495
 Ion Ratio Lower Upper
 93 100
 95 83.2 66.4 99.6
 174 110.9 93.4 140.2





#47

Bromodichloromethane

Concen: 59.087 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VX011472.D

Acq: 12 Aug 2019 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

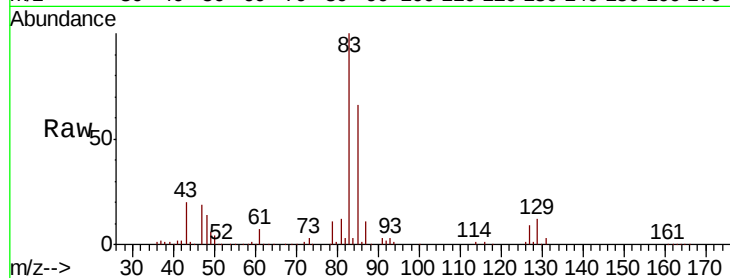
Tgt Ion: 83 Resp: 118899

Ion Ratio Lower Upper

83 100

85 65.8 52.2 78.2

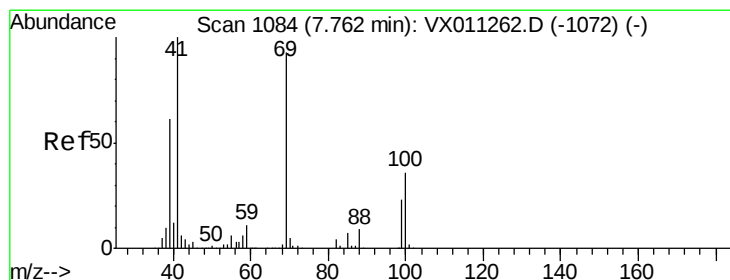
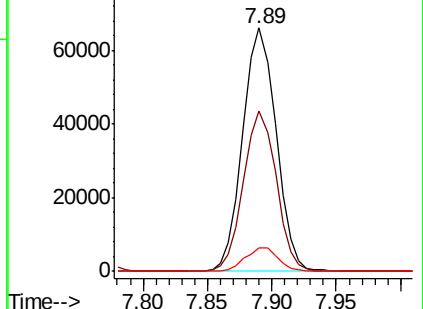
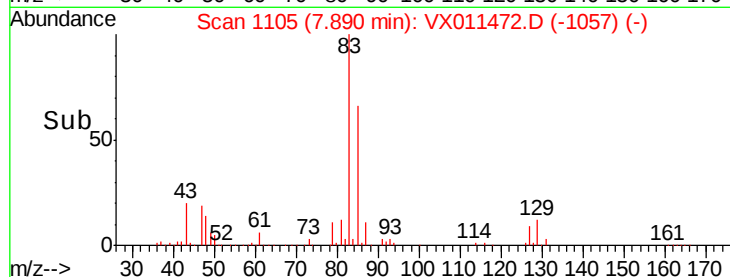
127 9.5 7.8 11.8



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: 57.551 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. 0.00 min

Lab File: VX011472.D

Acq: 12 Aug 2019 10:18

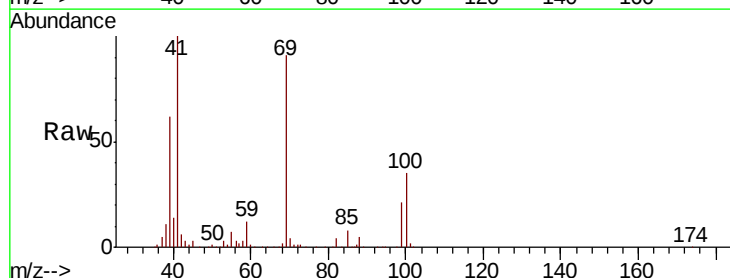
Tgt Ion: 41 Resp: 91502

Ion Ratio Lower Upper

41 100

69 88.9 74.5 111.7

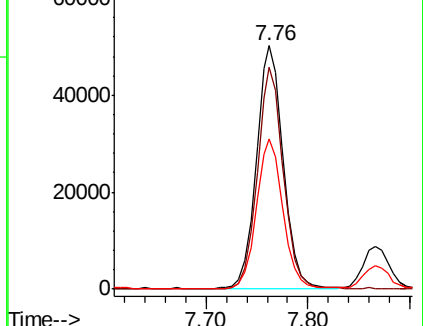
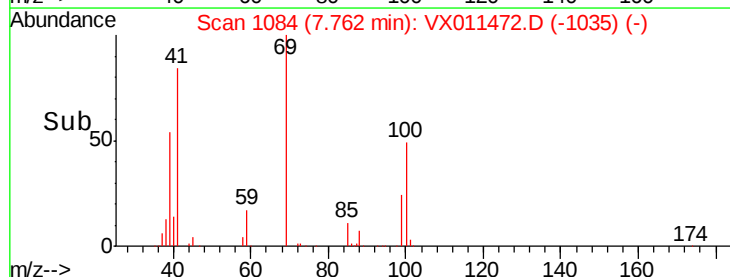
39 61.0 48.6 72.8

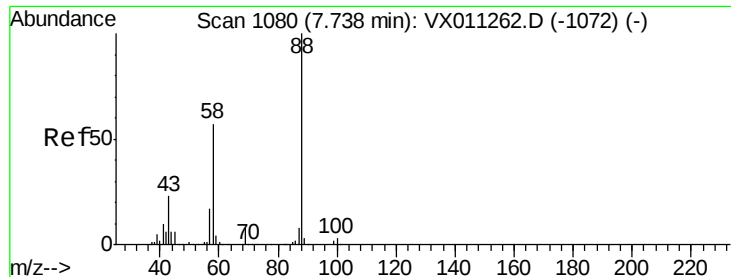


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

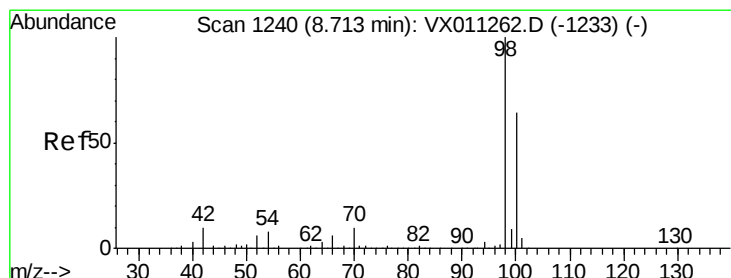
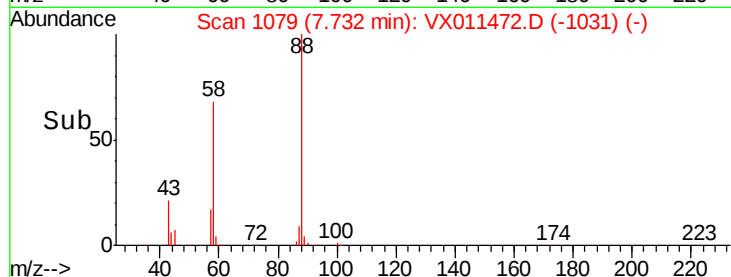
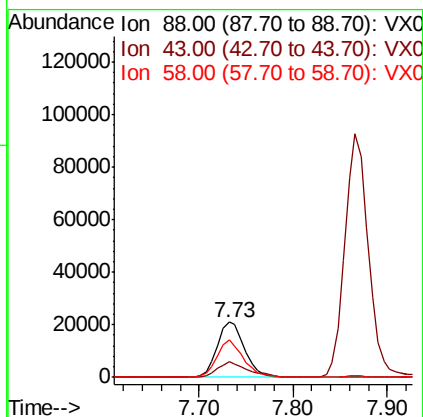
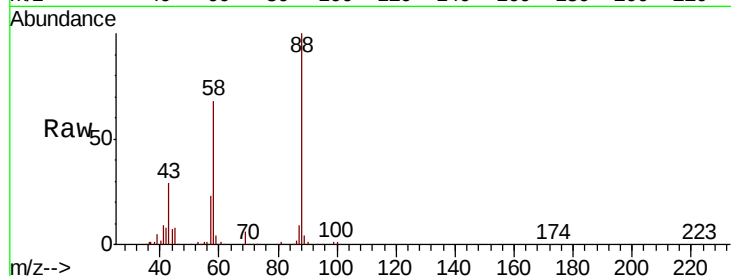




#49
 1,4-Dioxane
 Concen: 919.519 ug/l
 RT: 7.73 min Scan# 1079
 Delta R.T. -0.01 min
 Lab File: VX011472.D
 Acq: 12 Aug 2019 10:18

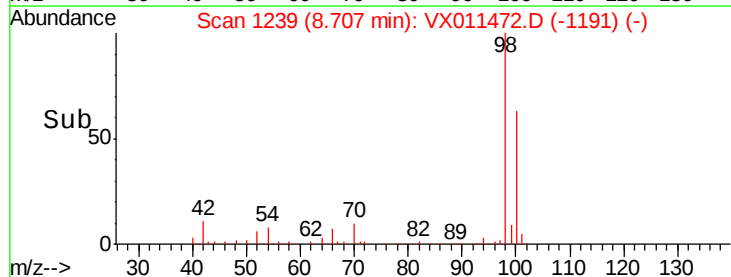
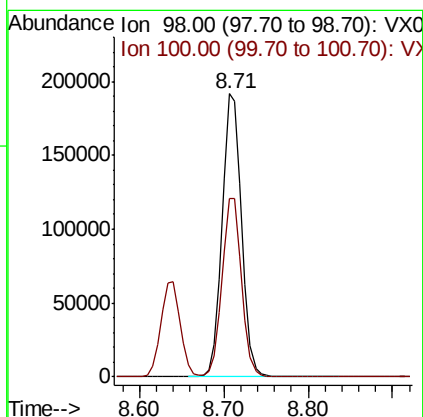
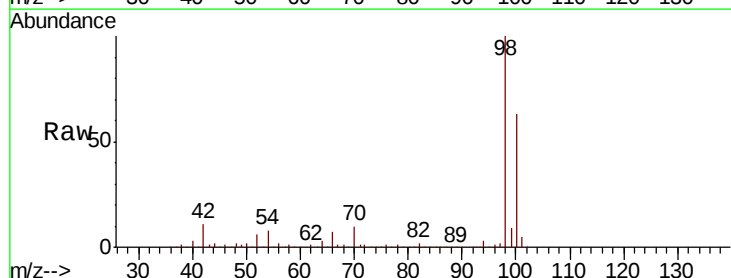
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 88 Resp: 42384
 Ion Ratio Lower Upper
 88 100
 43 29.6 22.2 33.2
 58 65.4 47.8 71.8



#50
 Toluene-d8
 Concen: 51.213 ug/l
 RT: 8.71 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VX011472.D
 Acq: 12 Aug 2019 10:18

Tgt Ion: 98 Resp: 304530
 Ion Ratio Lower Upper
 98 100
 100 63.3 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 283.441 ug/l

RT: 8.63 min Scan# 1227

Delta R.T. -0.01 min

Lab File: VX011472.D

Acq: 12 Aug 2019 10:18

Instrument :

MSVOA_X

ClientSampleId :

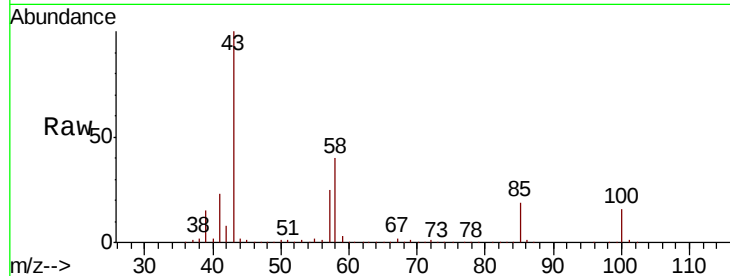
VSTDCCC050

Tgt Ion: 43 Resp: 617990

Ion Ratio Lower Upper

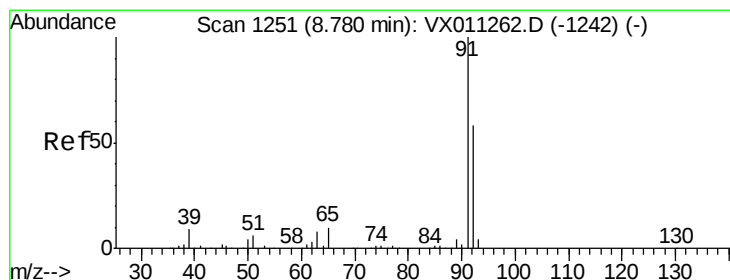
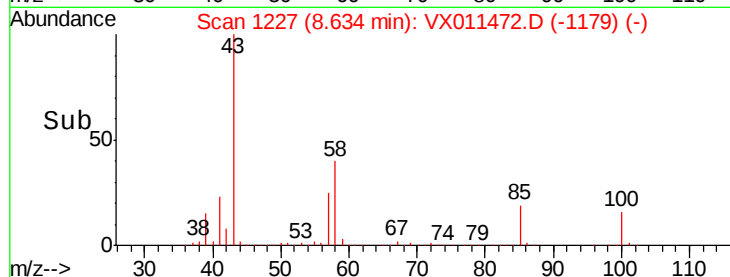
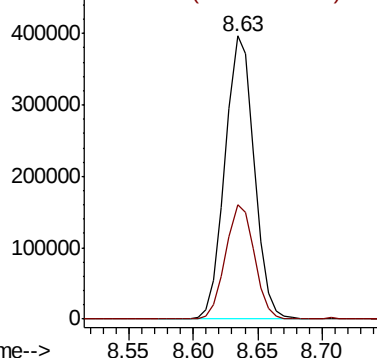
43 100

58 40.1 32.3 48.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 54.734 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX011472.D

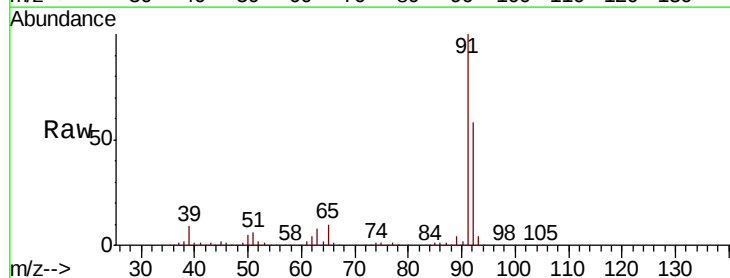
Acq: 12 Aug 2019 10:18

Tgt Ion: 92 Resp: 227498

Ion Ratio Lower Upper

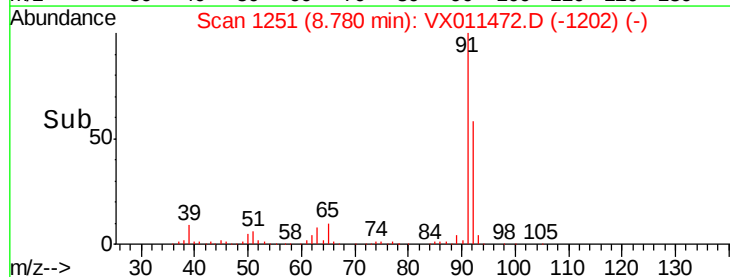
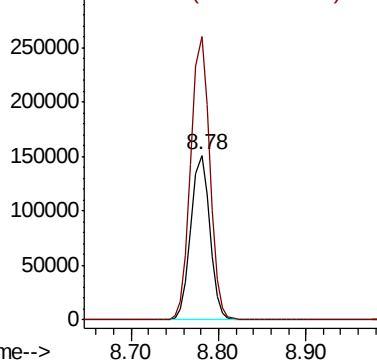
92 100

91 172.2 139.4 209.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

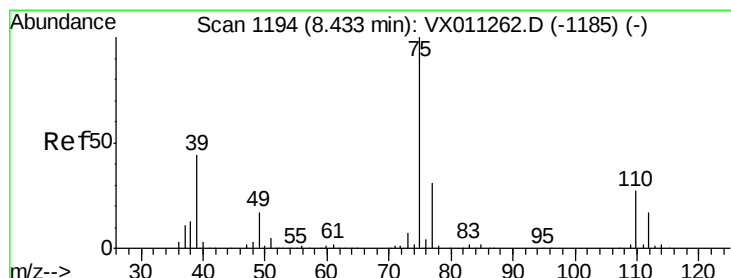
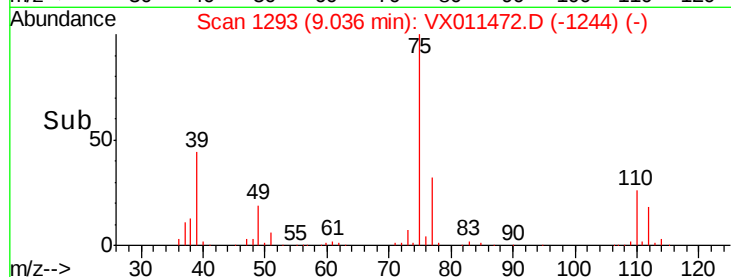
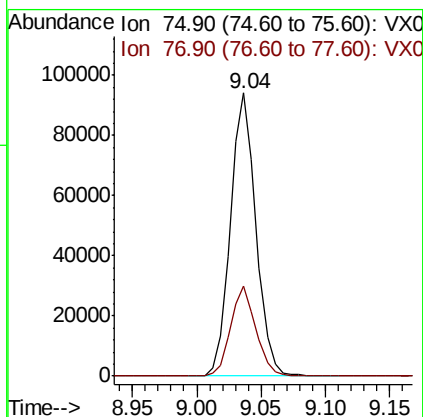
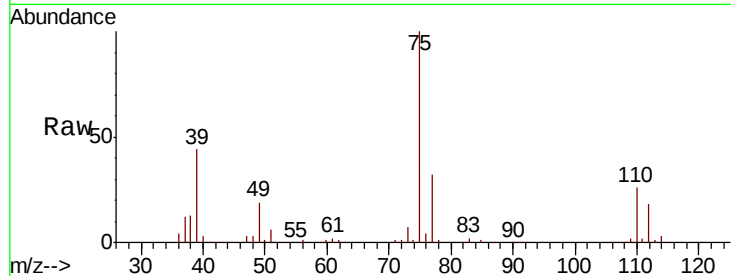




#53
 t-1,3-Dichloropropene
 Concen: 55.268 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. 0.00 min
 Lab File: VX011472.D
 Acq: 12 Aug 2019 10:18

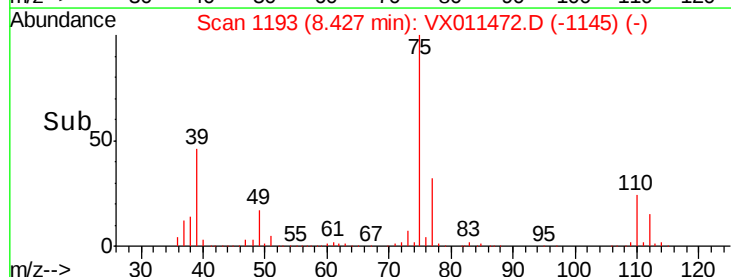
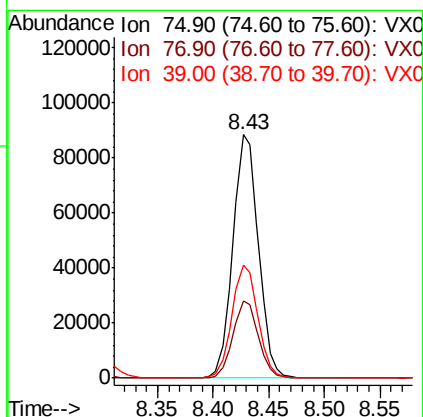
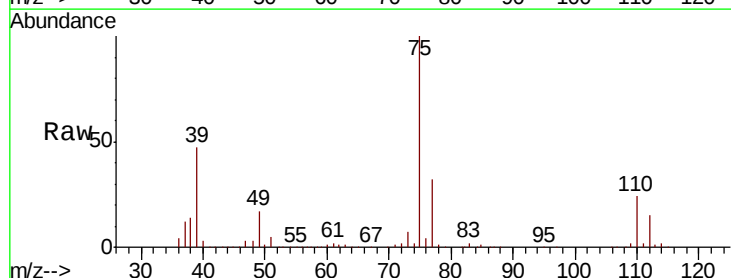
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 75 Resp: 130261
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 59.751 ug/l
 RT: 8.43 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: VX011472.D
 Acq: 12 Aug 2019 10:18

Tgt Ion: 75 Resp: 140450
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.0 37.6
 39 46.4 35.3 52.9

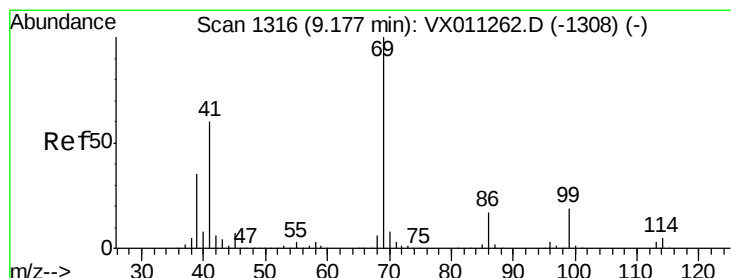
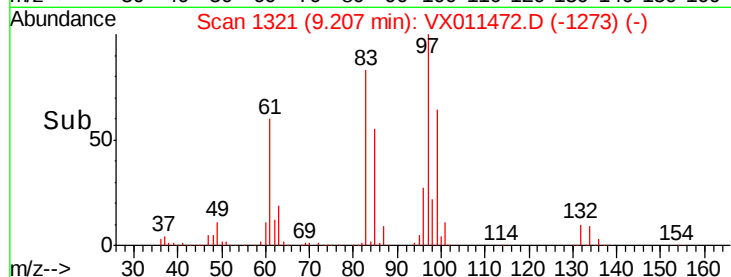
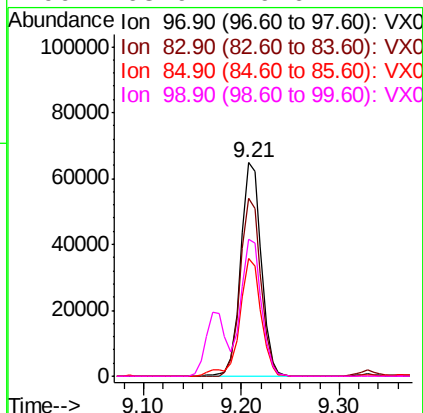
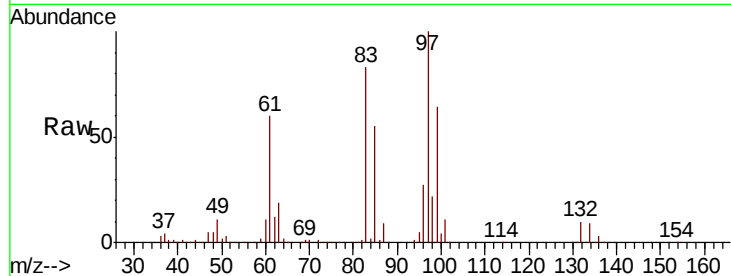




#55
 1,1,2-Trichloroethane
 Concen: 55.411 ug/l
 RT: 9.21 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: VX011472.D
 Acq: 12 Aug 2019 10:18

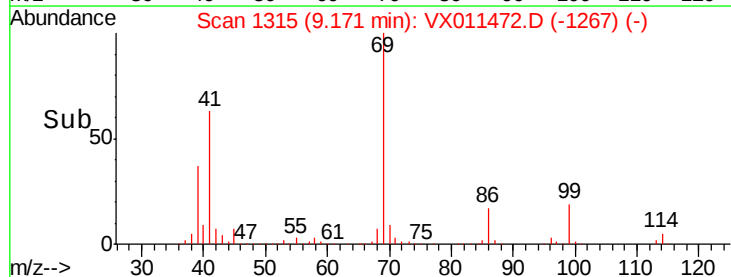
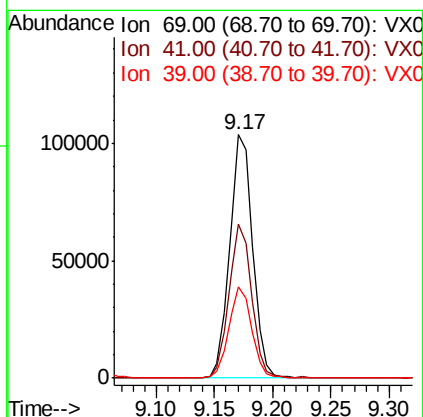
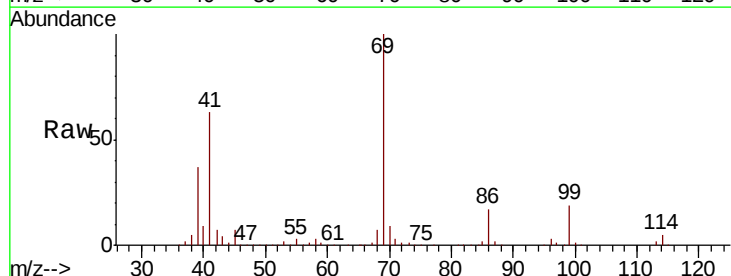
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

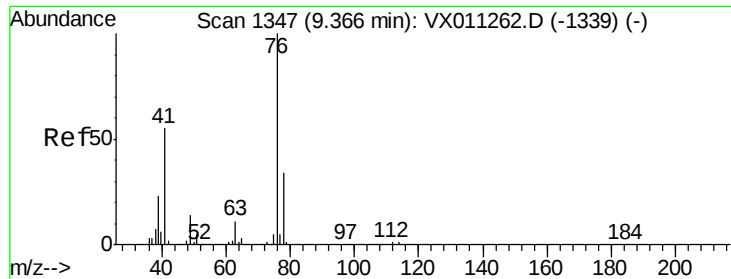
Tgt Ion:	97	Resp:	94693
Ion	Ratio	Lower	Upper
97	100		
83	83.2	67.6	101.4
85	55.1	43.4	65.0
99	63.9	49.6	74.4



#56
 Ethyl methacrylate
 Concen: 58.615 ug/l
 RT: 9.17 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: VX011472.D
 Acq: 12 Aug 2019 10:18

Tgt Ion:	69	Resp:	142746
Ion	Ratio	Lower	Upper
69	100		
41	63.0	48.6	73.0
39	37.0	29.4	44.2

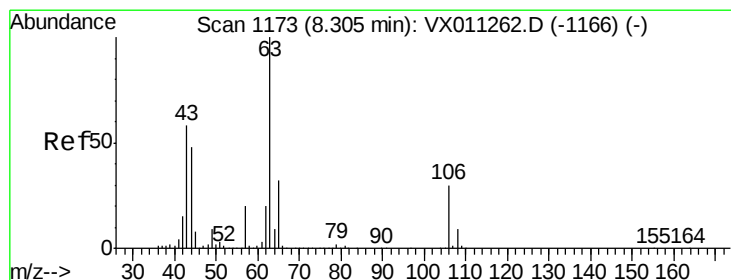
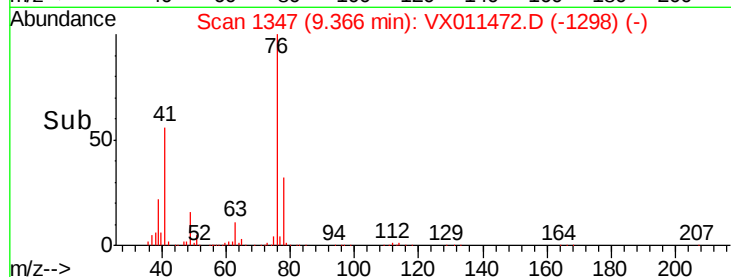
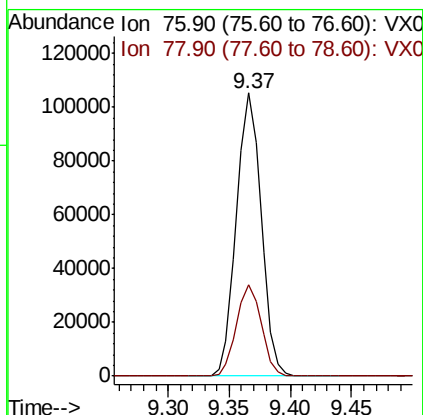
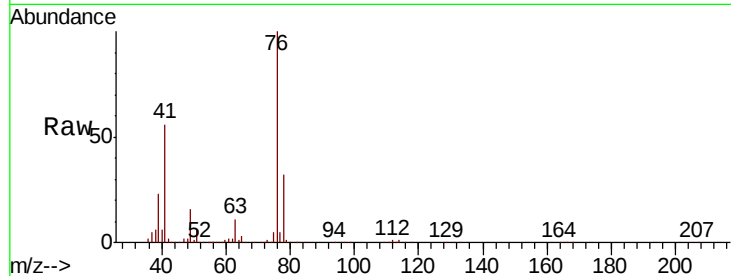




#57
 1,3-Dichloropropane
 Concen: 54.723 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: VX011472.D
 Acq: 12 Aug 2019 10:18

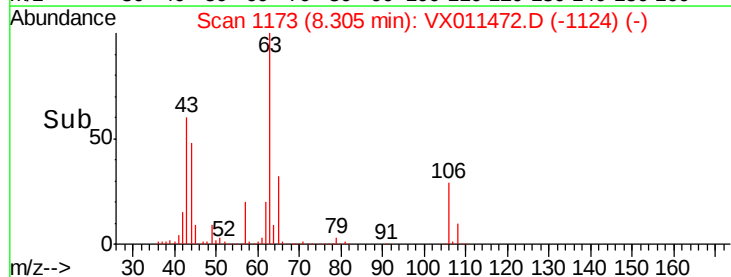
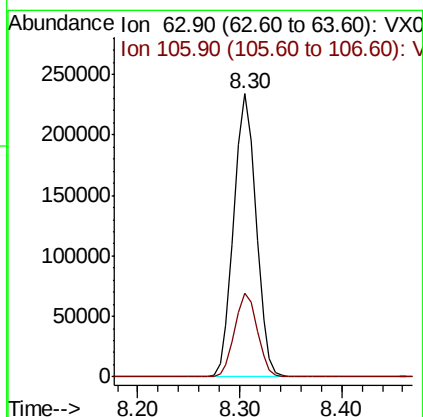
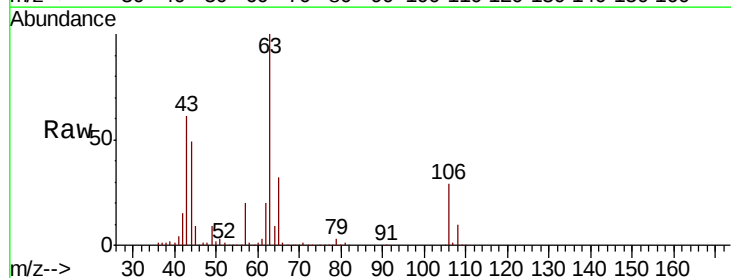
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

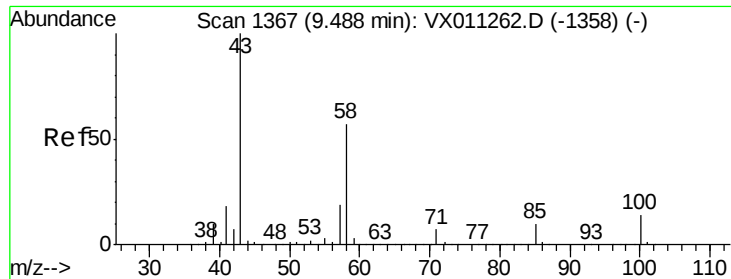
Tgt Ion: 76 Resp: 147899
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.6 40.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 295.531 ug/l
 RT: 8.30 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VX011472.D
 Acq: 12 Aug 2019 10:18

Tgt Ion: 63 Resp: 353877
 Ion Ratio Lower Upper
 63 100
 106 29.8 24.4 36.6

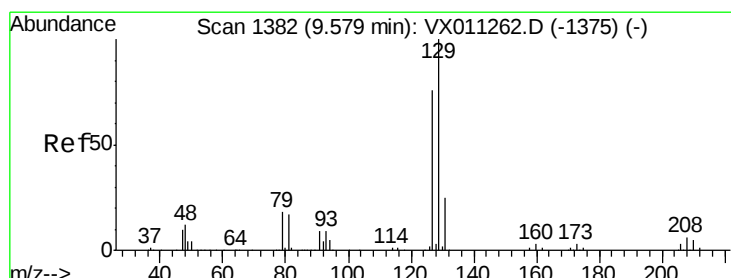
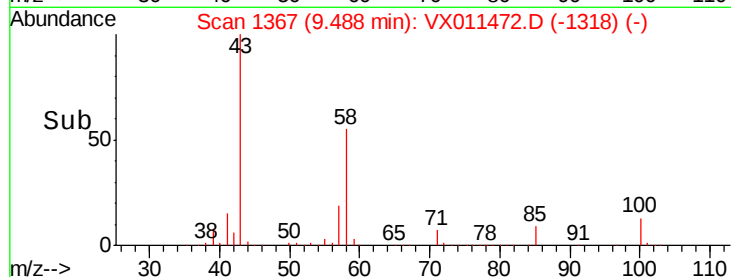
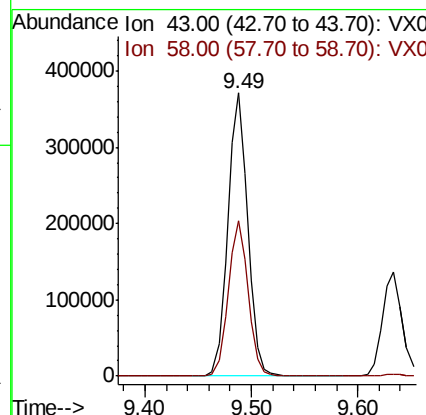
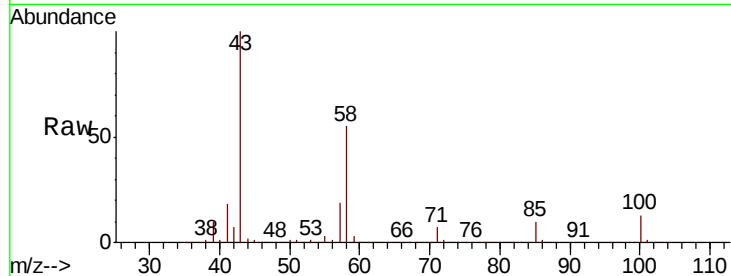




#59
2-Hexanone
Concen: 286.757 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX011472.D
Acq: 12 Aug 2019 10:18

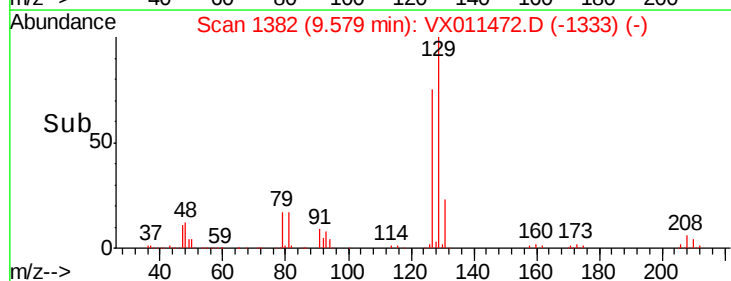
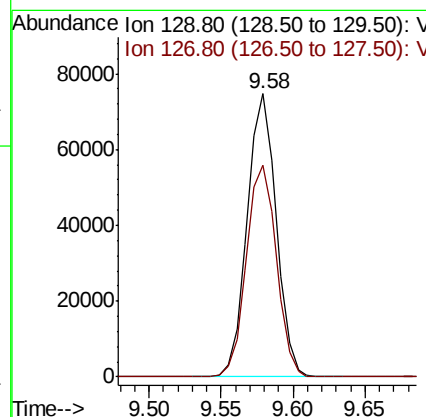
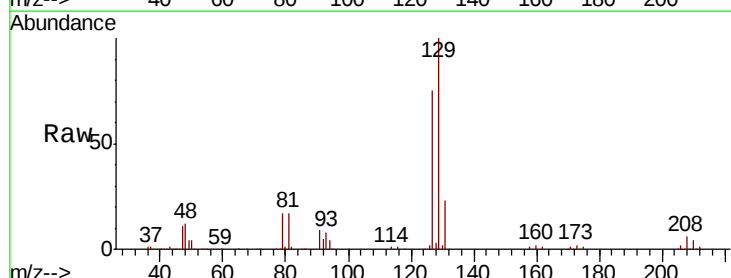
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

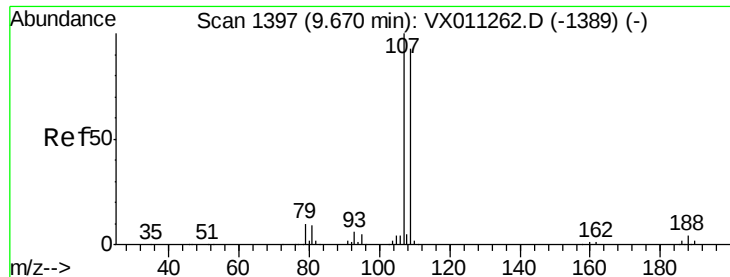
Tgt Ion: 43 Resp: 484273
Ion Ratio Lower Upper
43 100
58 55.0 28.2 84.6



#60
Dibromochloromethane
Concen: 59.513 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011472.D
Acq: 12 Aug 2019 10:18

Tgt Ion: 129 Resp: 104126
Ion Ratio Lower Upper
129 100
127 77.3 39.2 117.6





#61

1,2-Dibromoethane

Concen: 55.460 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX011472.D

Acq: 12 Aug 2019 10:18

Instrument :

MSVOA_X

ClientSampleId :

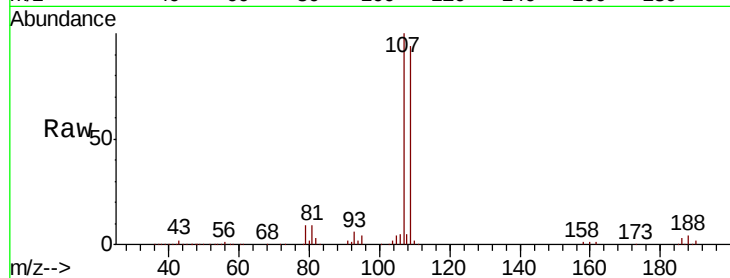
VSTDCCC050

Tgt Ion: 107 Resp: 102397

Ion Ratio Lower Upper

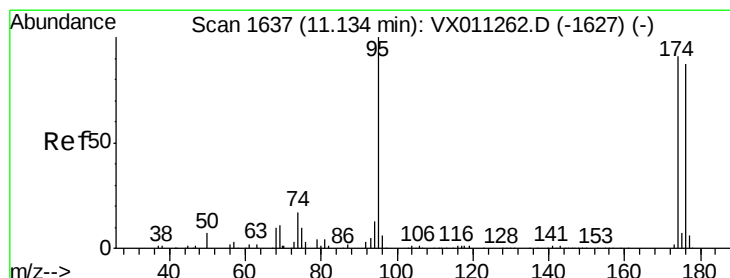
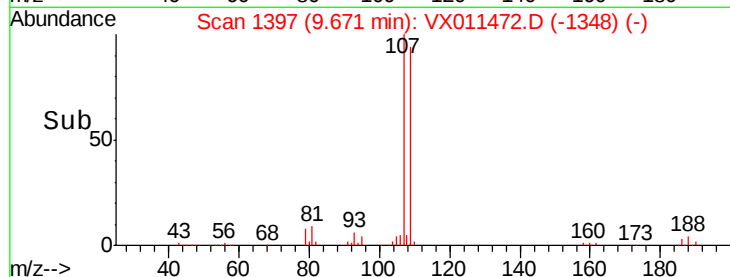
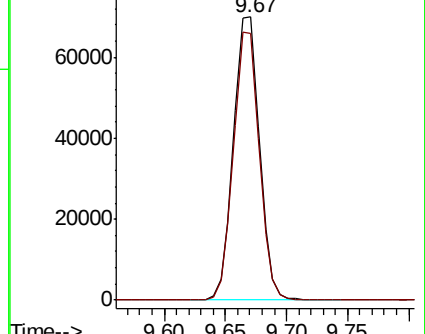
107 100

109 94.4 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: 55.178 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011472.D

Acq: 12 Aug 2019 10:18

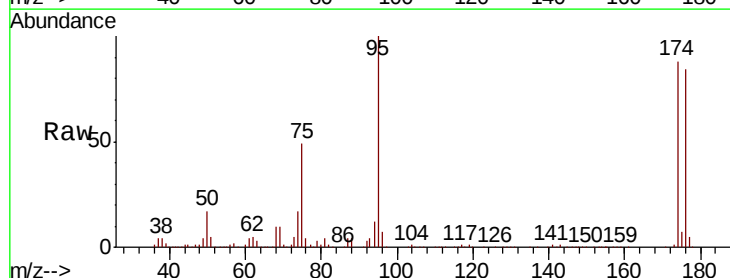
Tgt Ion: 95 Resp: 117144

Ion Ratio Lower Upper

95 100

174 89.5 0.0 191.2

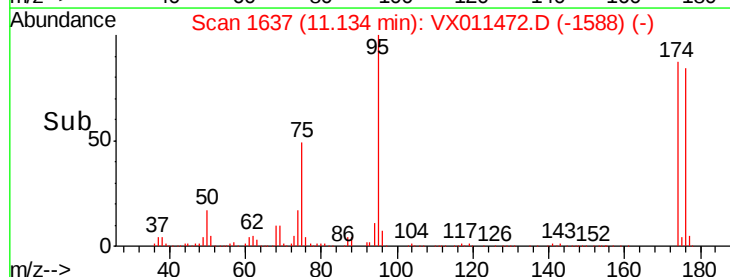
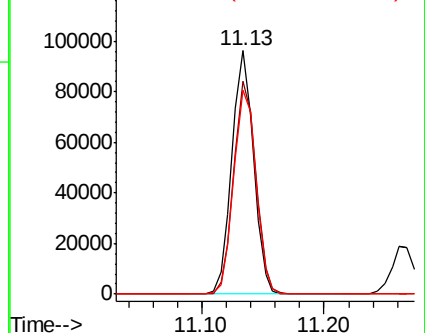
176 86.9 0.0 184.8

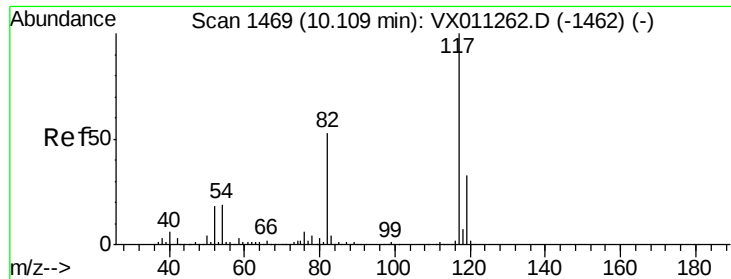


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

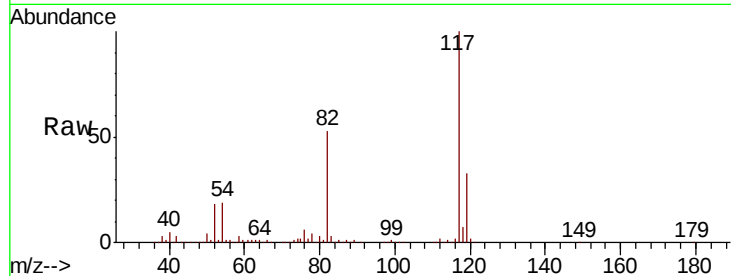




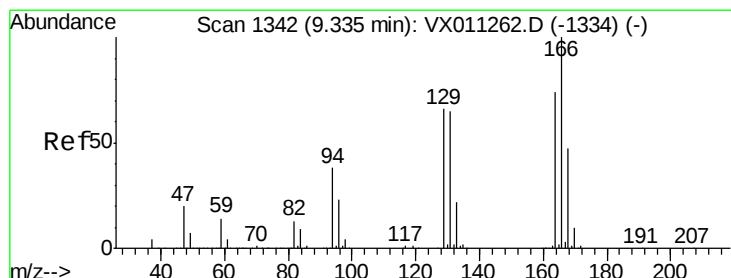
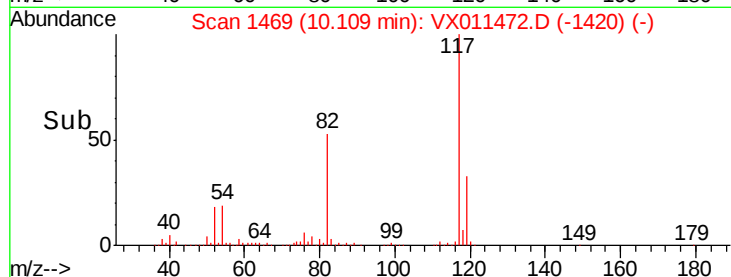
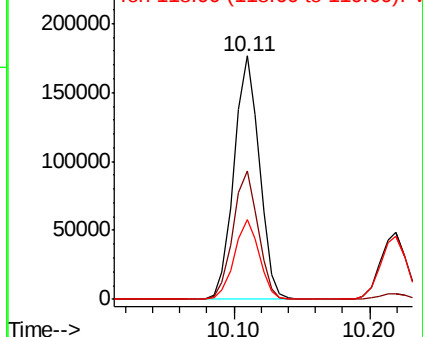
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011472.D
Acq: 12 Aug 2019 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 228764
Ion Ratio Lower Upper
117 100
82 52.6 42.2 63.2
119 32.8 26.6 39.8

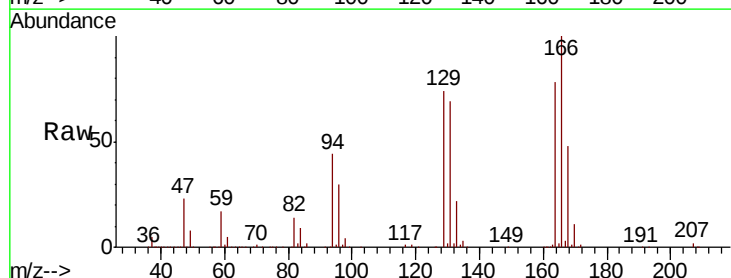


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

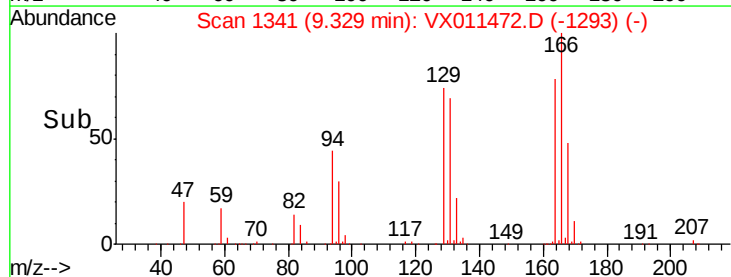
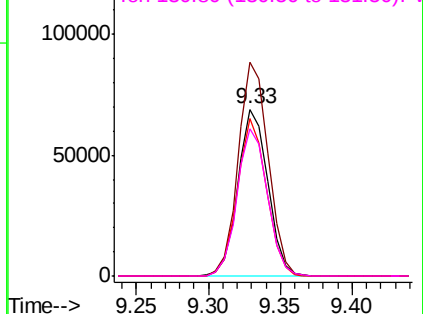


#64
Tetrachloroethene
Concen: 51.131 ug/l
RT: 9.33 min Scan# 1341
Delta R.T. -0.01 min
Lab File: VX011472.D
Acq: 12 Aug 2019 10:18

Tgt Ion:164 Resp: 99334
Ion Ratio Lower Upper
164 100
166 128.0 107.5 161.3
129 94.2 71.0 106.4
131 88.6 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

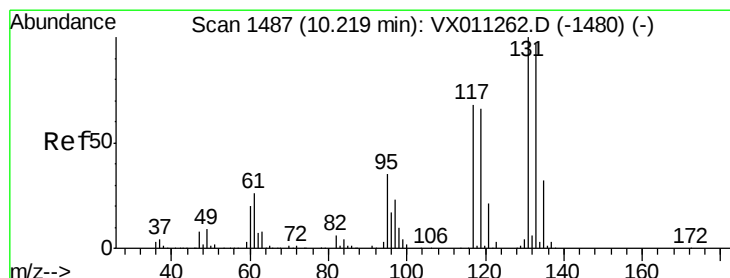
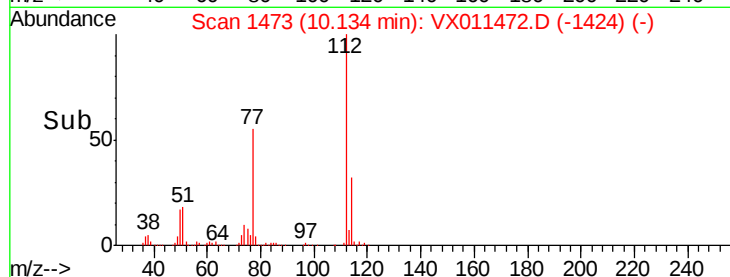
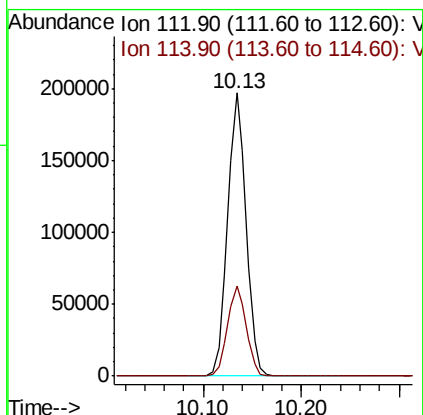
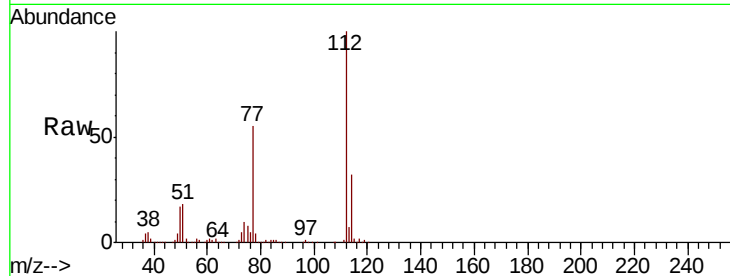




#65
Chlorobenzene
Concen: 52.706 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX011472.D
Acq: 12 Aug 2019 10:18

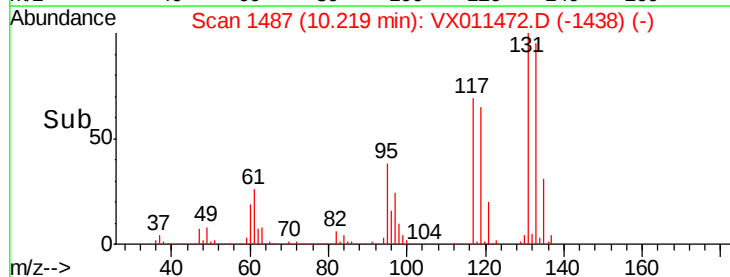
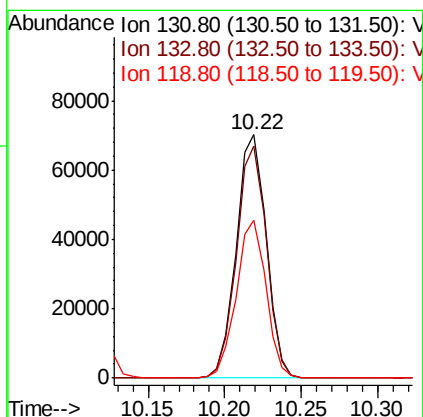
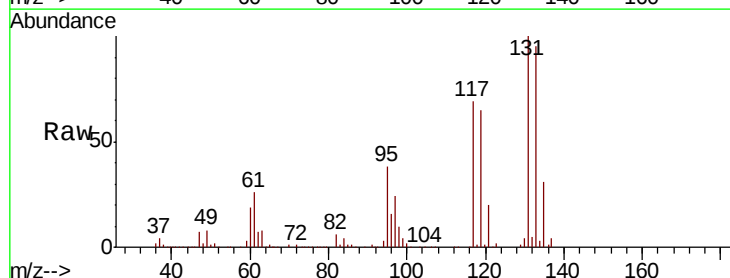
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

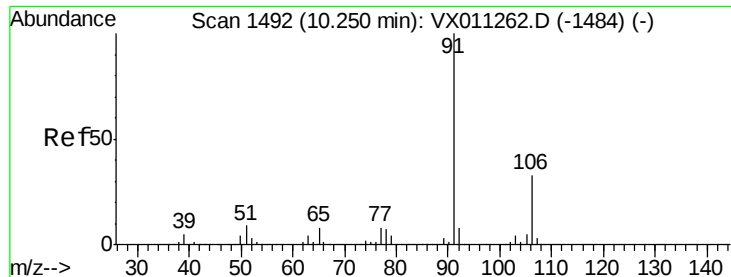
Tgt Ion:112 Resp: 258525
Ion Ratio Lower Upper
112 100
114 31.9 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 56.926 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX011472.D
Acq: 12 Aug 2019 10:18

Tgt Ion:131 Resp: 95593
Ion Ratio Lower Upper
131 100
133 95.4 47.7 143.1
119 64.4 32.8 98.3





#67

Ethyl Benzene

Concen: 54.962 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX011472.D

Acq: 12 Aug 2019 10:18

Instrument :

MSVOA_X

ClientSampleId :

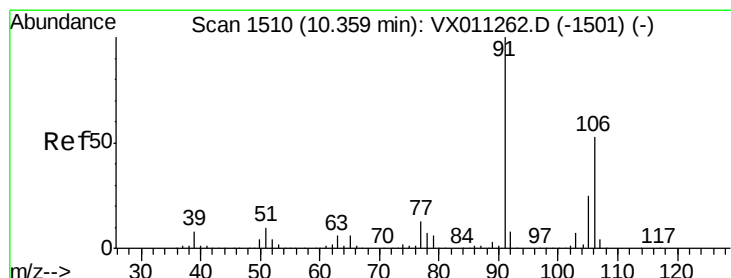
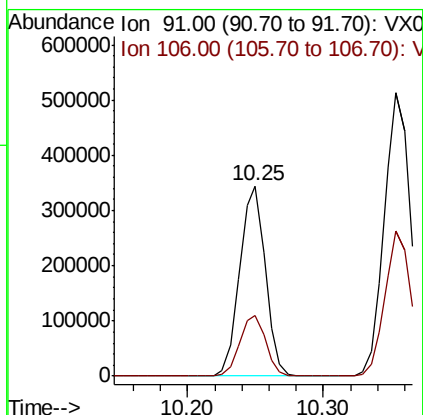
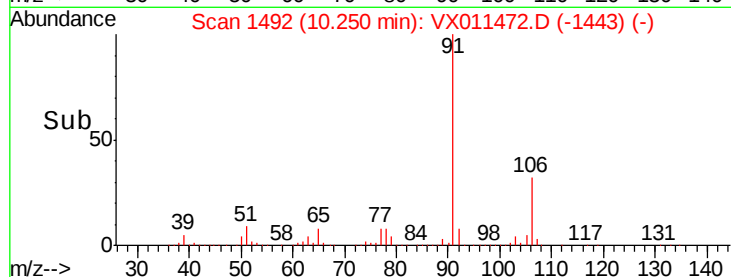
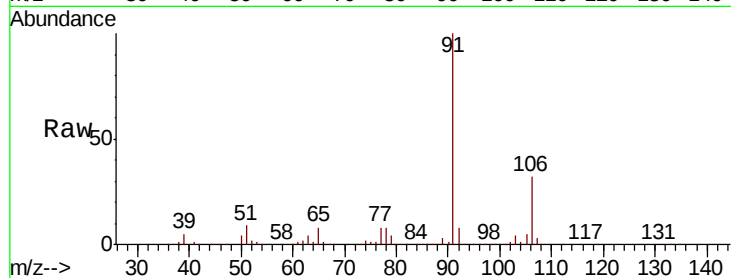
VSTDCCC050

Tgt Ion: 91 Resp: 451494

Ion Ratio Lower Upper

91 100

106 31.6 26.2 39.4



#68

m/p-Xylenes

Concen: 110.468 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX011472.D

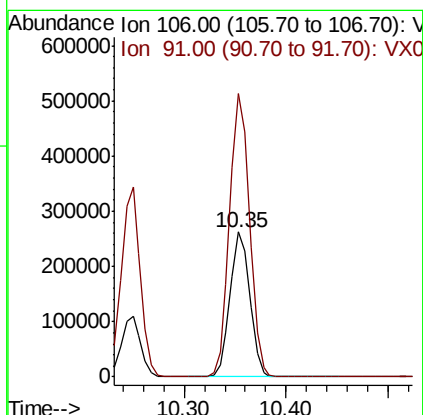
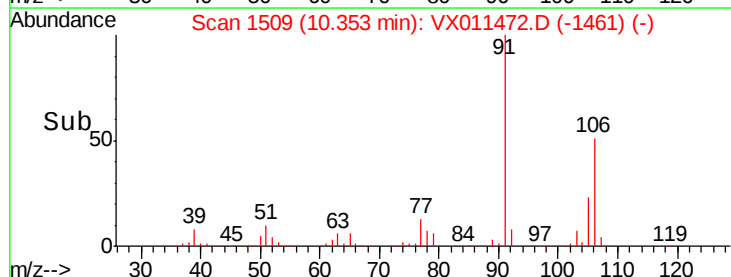
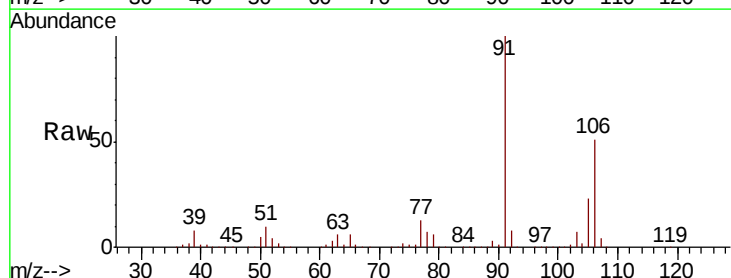
Acq: 12 Aug 2019 10:18

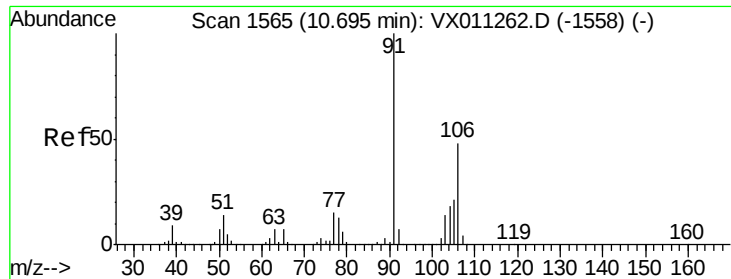
Tgt Ion: 106 Resp: 351003

Ion Ratio Lower Upper

106 100

91 197.3 155.9 233.9

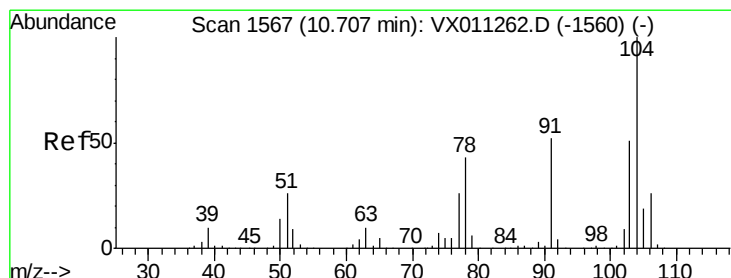
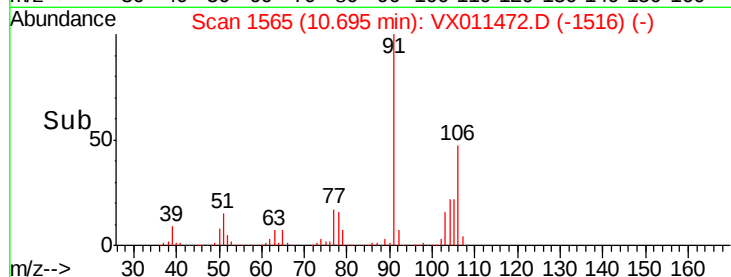
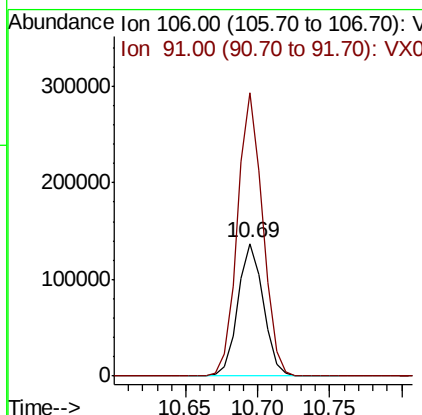
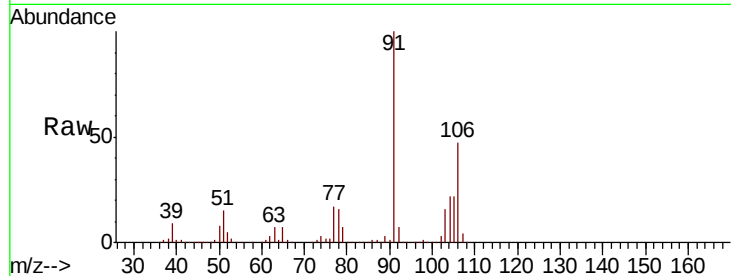




#69
o-Xylene
Concen: 54.287 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011472.D
Acq: 12 Aug 2019 10:18

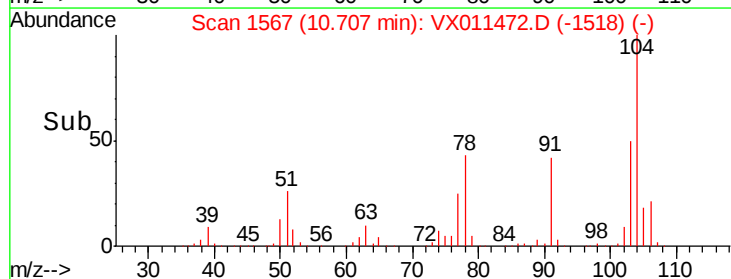
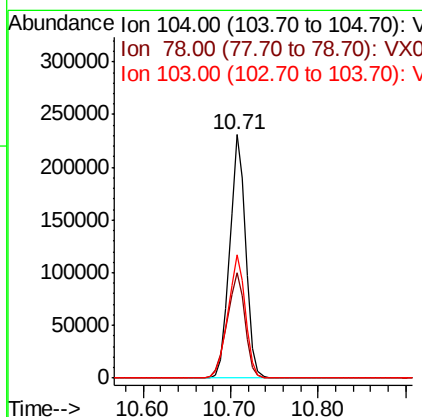
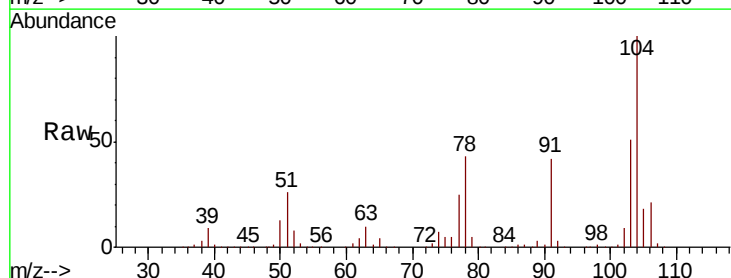
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

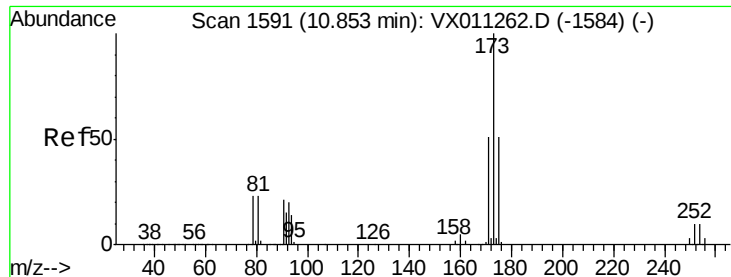
Tgt Ion:106 Resp: 169479
Ion Ratio Lower Upper
106 100
91 211.0 103.8 311.3



#70
Styrene
Concen: 56.785 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX011472.D
Acq: 12 Aug 2019 10:18

Tgt Ion:104 Resp: 293334
Ion Ratio Lower Upper
104 100
78 48.1 36.9 55.3
103 55.0 44.4 66.6

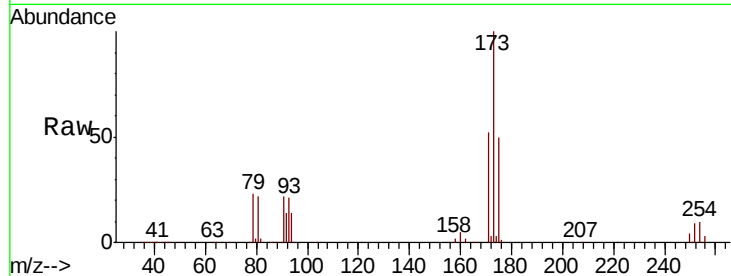




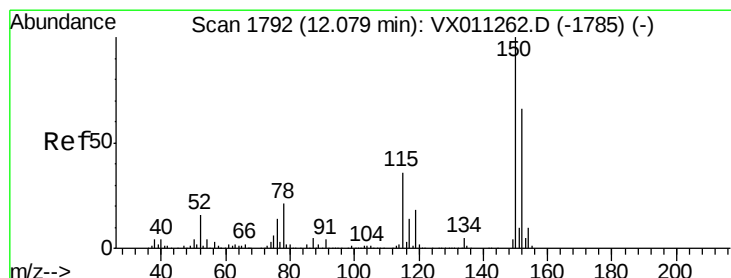
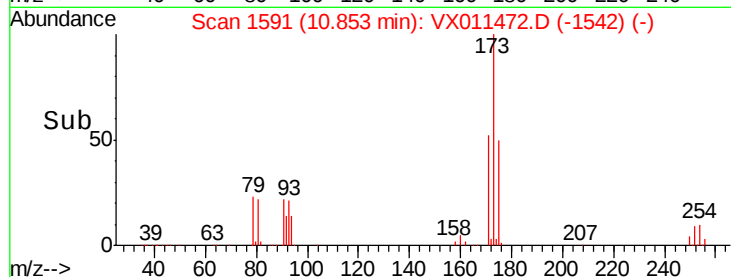
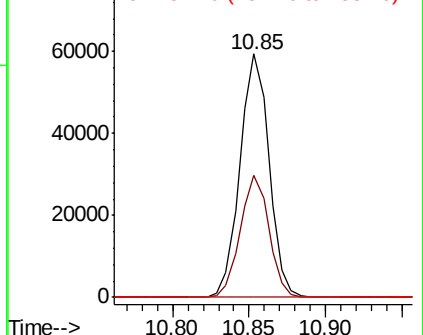
#71
Bromoform
Concen: 51.995 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX011472.D
Acq: 12 Aug 2019 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 78249
Ion Ratio Lower Upper
173 100
175 49.6 24.4 73.4
254 0.2 0.2 0.2

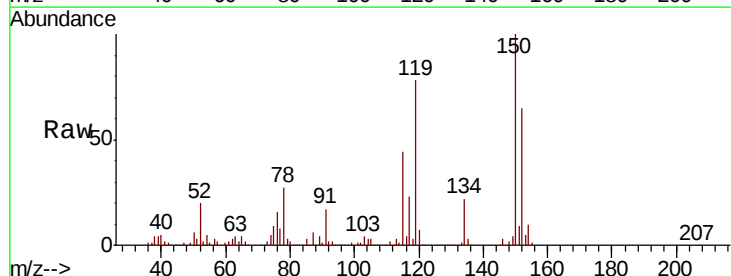


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

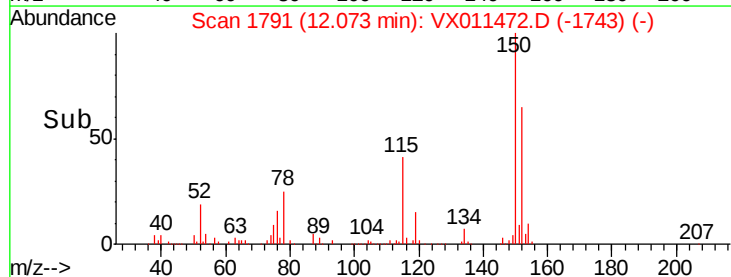
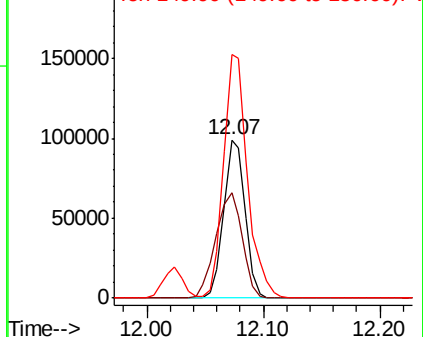


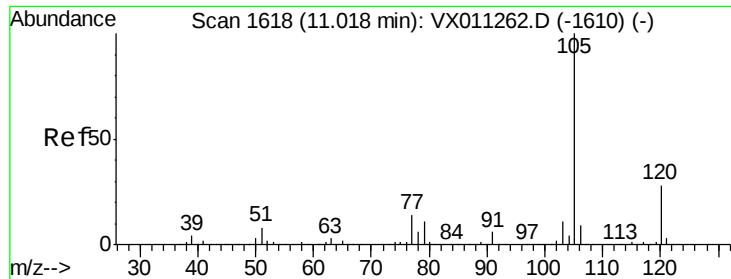
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.01 min
Lab File: VX011472.D
Acq: 12 Aug 2019 10:18

Tgt Ion:152 Resp: 125328
Ion Ratio Lower Upper
152 100
115 82.5 40.0 119.9
150 172.6 0.0 350.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 54.325 ug/l

RT: 11.01 min Scan# 1617

Delta R.T. -0.01 min

Lab File: VX011472.D

Acq: 12 Aug 2019 10:18

Instrument :

MSVOA_X

ClientSampleId :

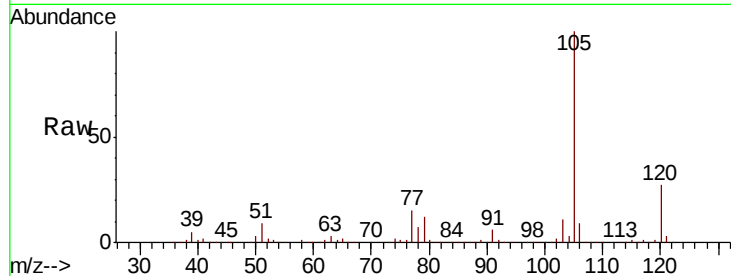
VSTDCCC050

Tgt Ion: 105 Resp: 465647

Ion Ratio Lower Upper

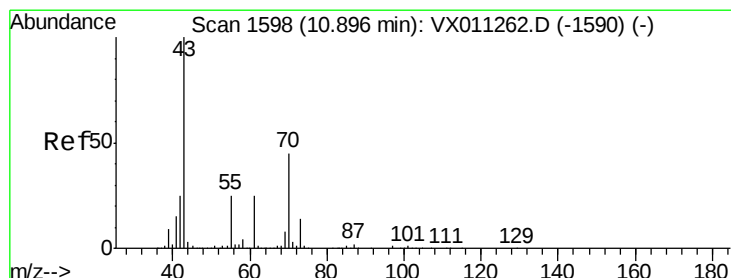
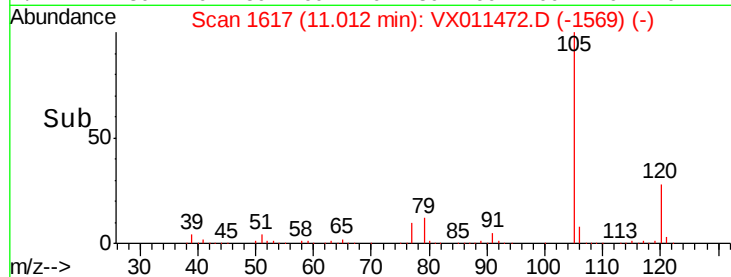
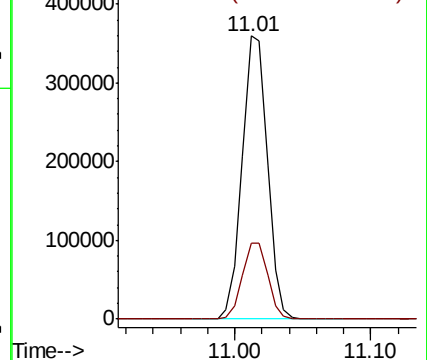
105 100

120 27.1 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 54.966 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX011472.D

Acq: 12 Aug 2019 10:18

Tgt Ion: 43 Resp: 170240

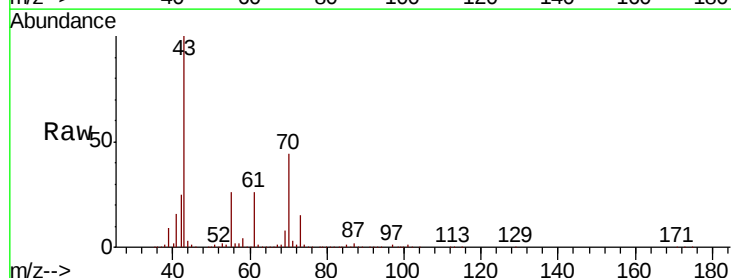
Ion Ratio Lower Upper

43 100

70 43.9 35.9 53.9

55 24.8 19.8 29.6

61 24.6 19.7 29.5

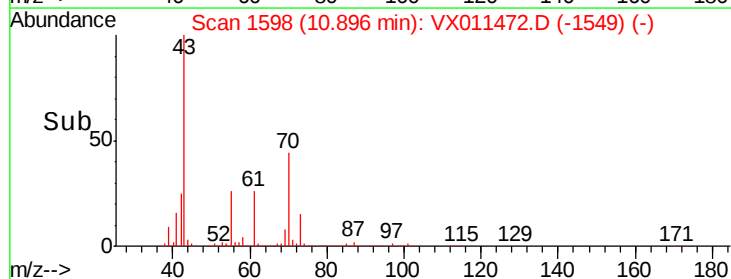
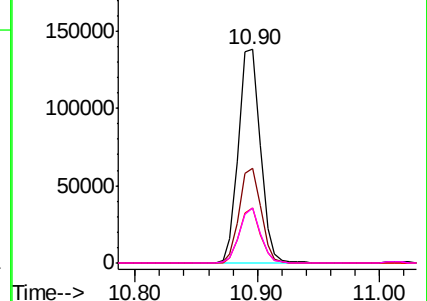


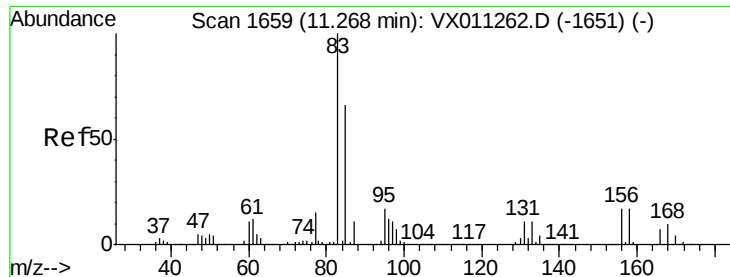
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

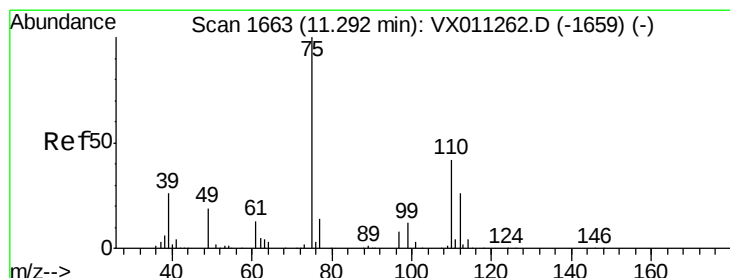
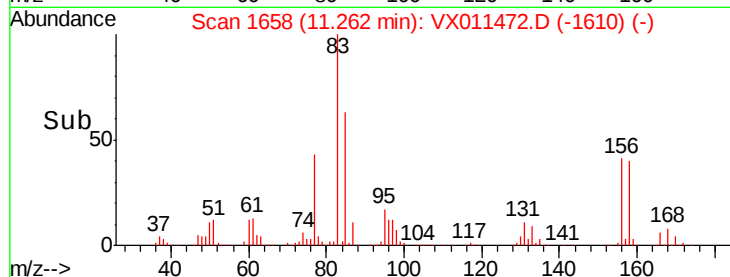
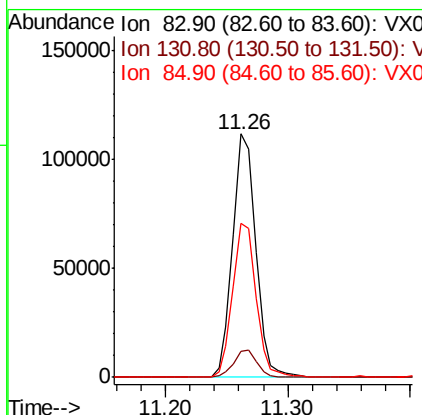
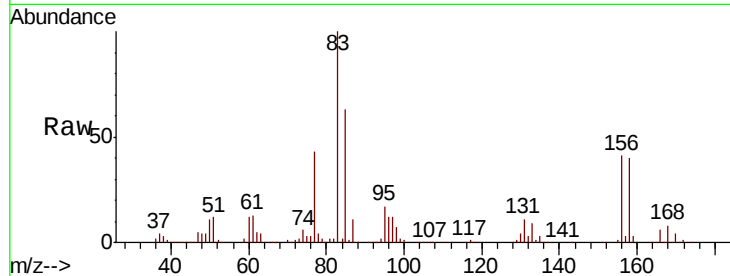




#75
 1,1,2,2-Tetrachloroethane
 Concen: 51.070 ug/l
 RT: 11.26 min Scan# 1658
 Delta R.T. -0.01 min
 Lab File: VX011472.D
 Acq: 12 Aug 2019 10:18

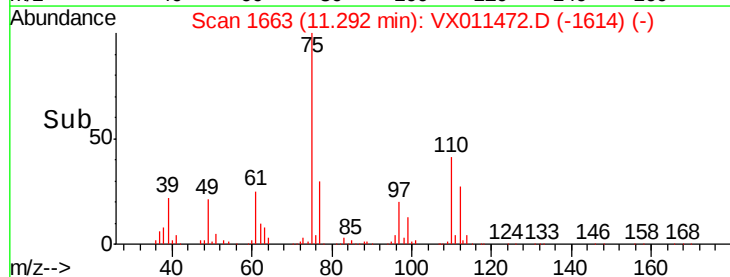
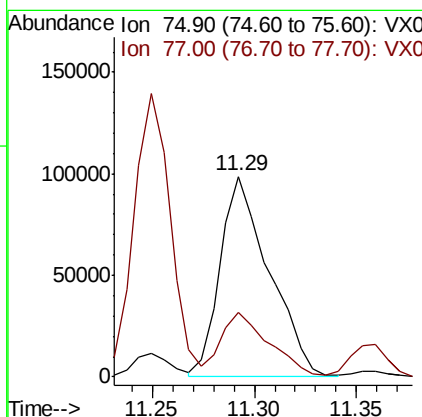
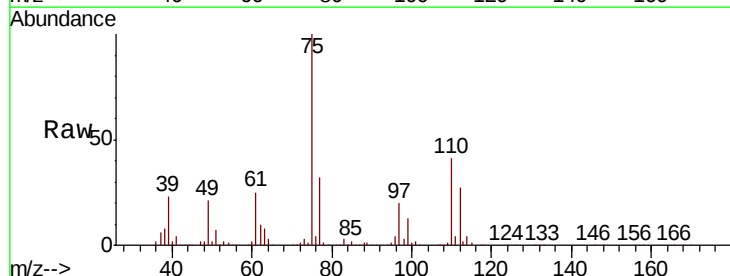
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 83 Resp: 145879
 Ion Ratio Lower Upper
 83 100
 131 11.3 5.6 16.8
 85 64.2 32.1 96.5



#76
 1,2,3-Trichloropropane
 Concen: 71.980 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: VX011472.D
 Acq: 12 Aug 2019 10:18

Tgt Ion: 75 Resp: 164285
 Ion Ratio Lower Upper
 75 100
 77 31.7 21.1 63.4

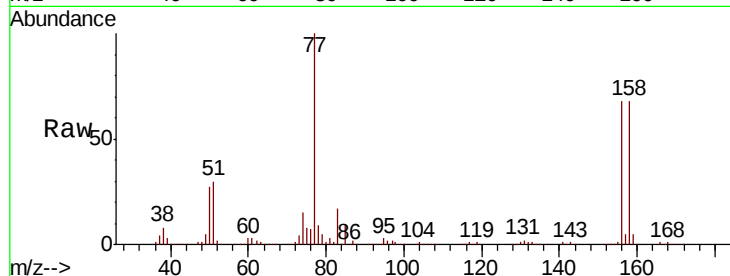




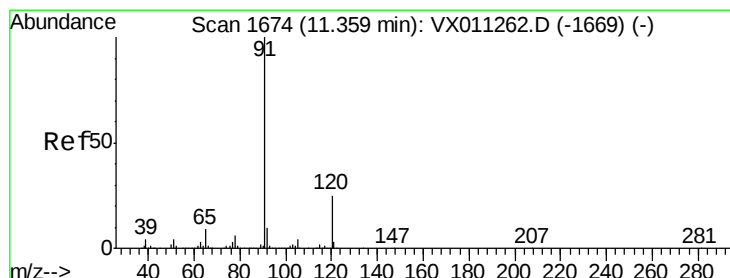
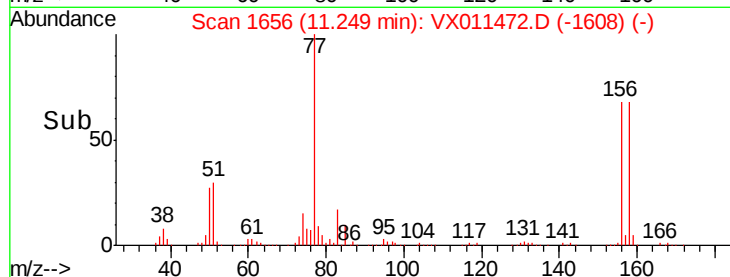
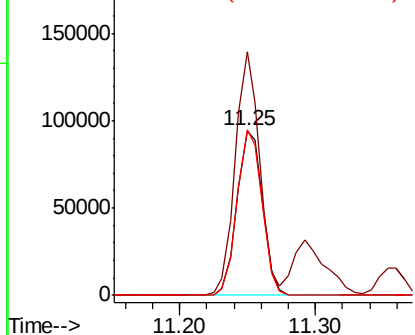
#77
Bromobenzene
Concen: 51.847 ug/l
RT: 11.25 min Scan# 1656
Delta R.T. -0.01 min
Lab File: VX011472.D
Acq: 12 Aug 2019 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
156	100		
77	140.8	66.2	198.6
158	98.0	49.1	147.3

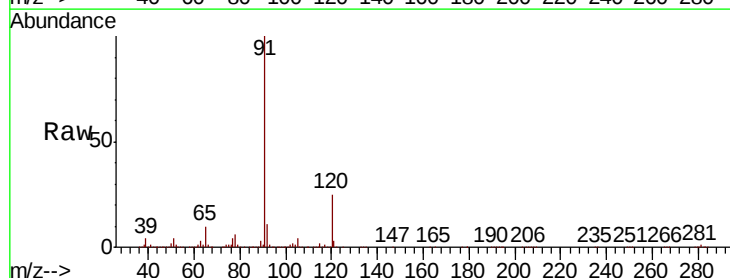


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 157.80 (157.50 to 158.50): V

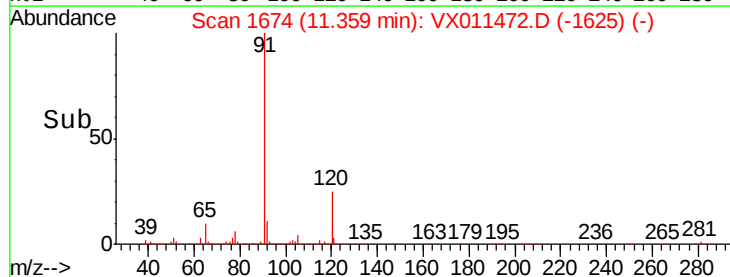
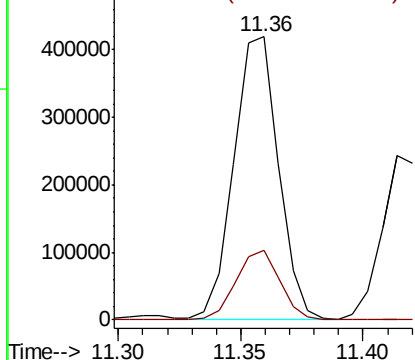


#78
n-propylbenzene
Concen: 55.580 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX011472.D
Acq: 12 Aug 2019 10:18

Tgt 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

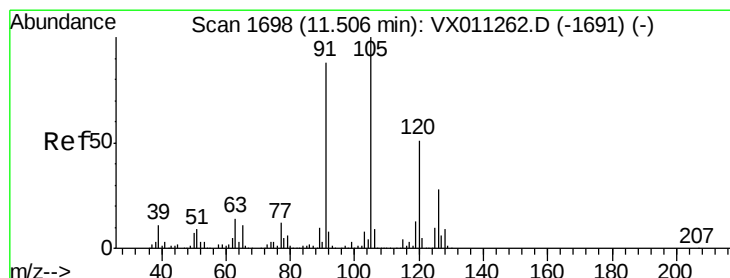
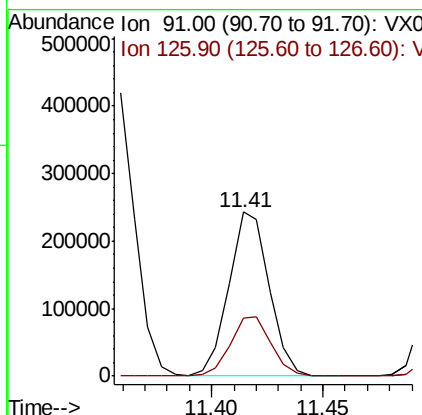
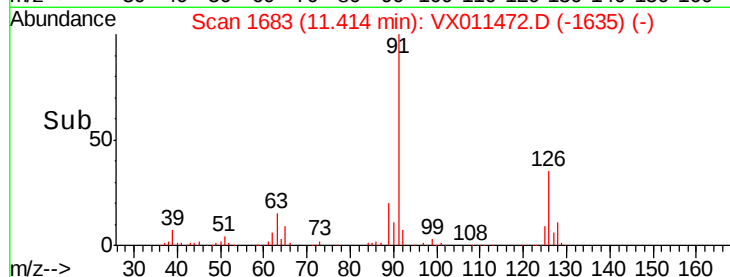
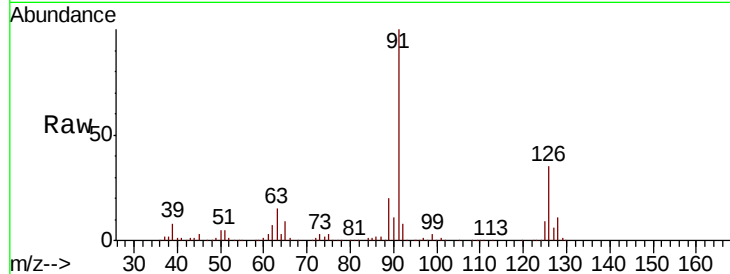




#79
 2-Chlorotoluene
 Concen: 53.734 ug/l
 RT: 11.41 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: VX011472.D
 Acq: 12 Aug 2019 10:18

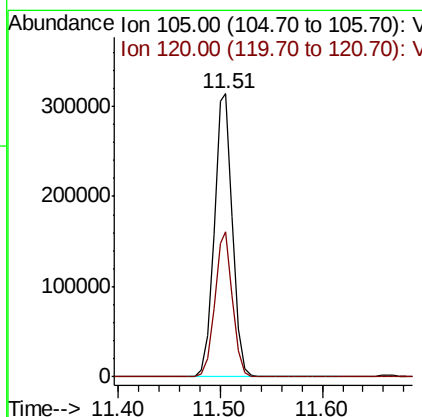
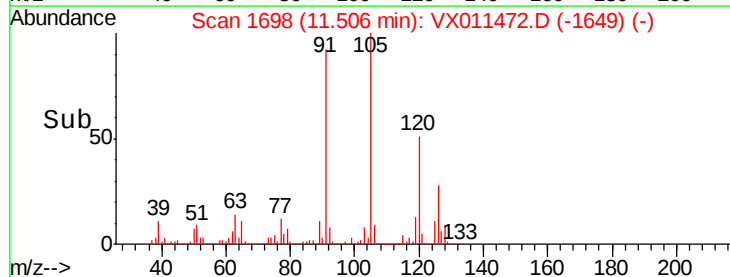
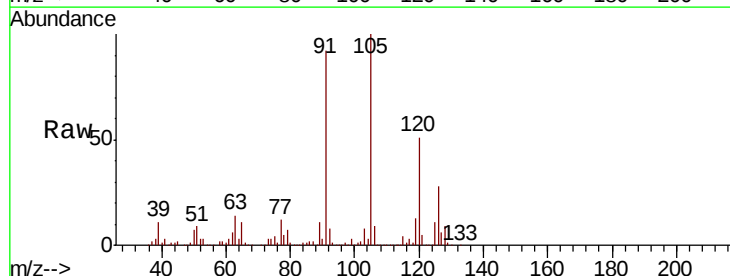
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

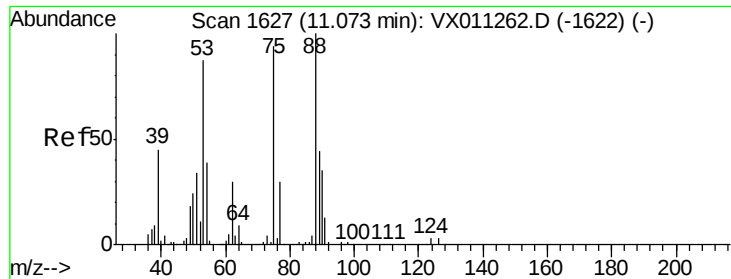
Tgt Ion: 91 Resp: 305287
 Ion Ratio Lower Upper
 91 100
 126 36.7 18.5 55.5



#80
 1,3,5-Trimethylbenzene
 Concen: 54.791 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX011472.D
 Acq: 12 Aug 2019 10:18

Tgt Ion: 105 Resp: 393138
 Ion Ratio Lower Upper
 105 100
 120 49.6 25.1 75.2





#81

trans-1,4-Dichloro-2-butene

Concen: 50.330 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX011472.D

Acq: 12 Aug 2019 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

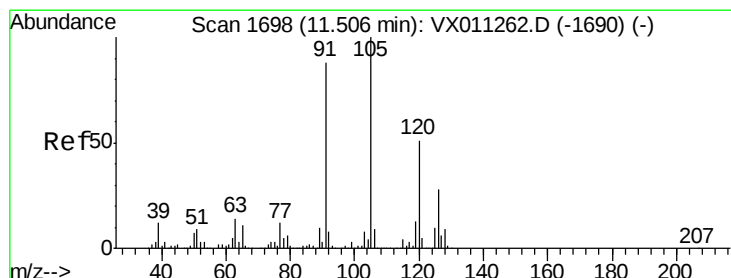
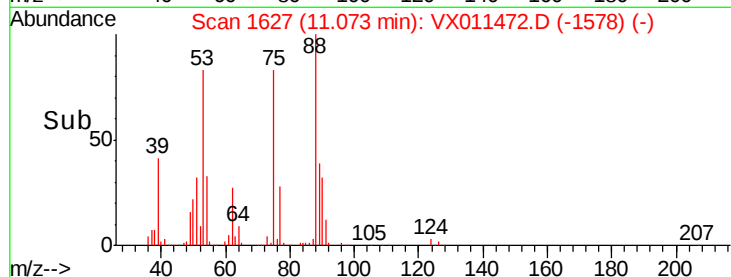
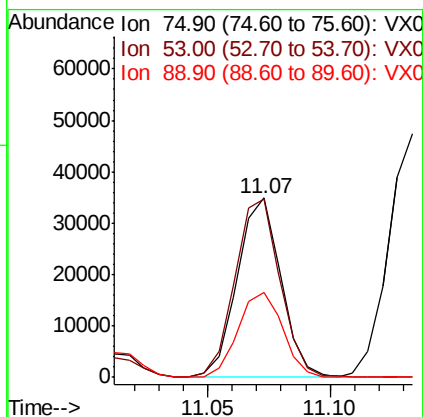
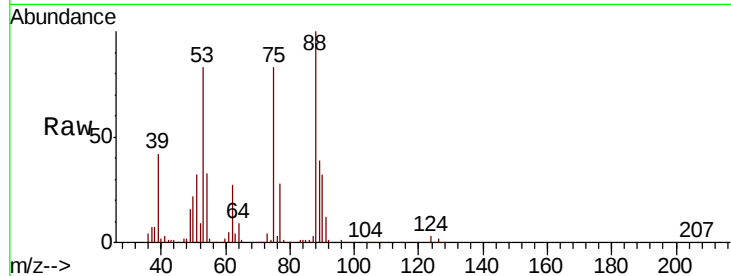
Tgt Ion: 75 Resp: 43047

Ion Ratio Lower Upper

75 100

53 102.9 78.2 117.4

89 48.9 37.9 56.9



#82

4-Chlorotoluene

Concen: 55.063 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011472.D

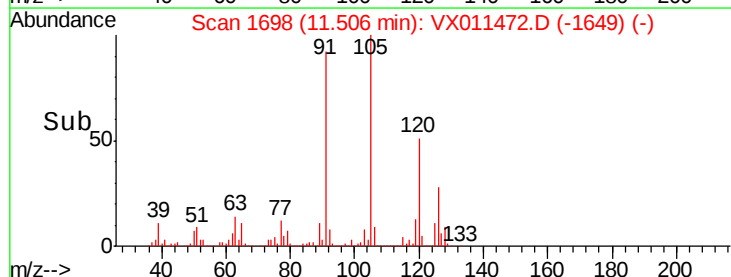
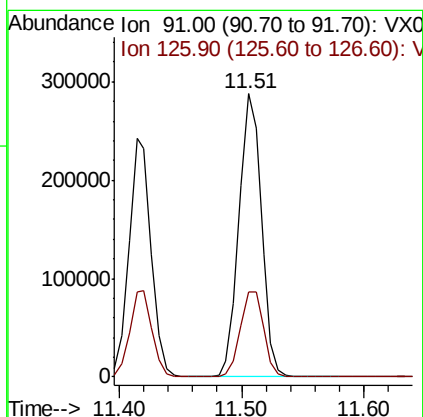
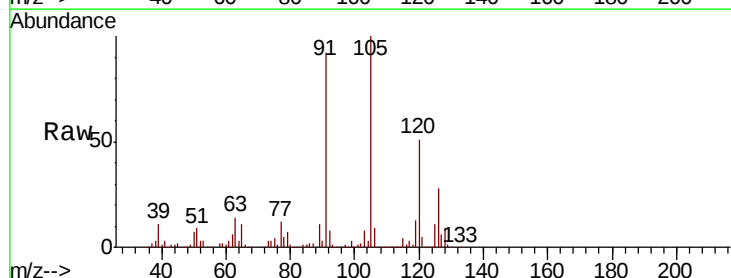
Acq: 12 Aug 2019 10:18

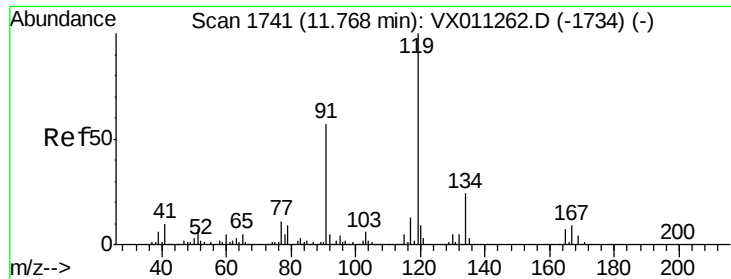
Tgt Ion: 91 Resp: 364584

Ion Ratio Lower Upper

91 100

126 31.5 16.4 49.2

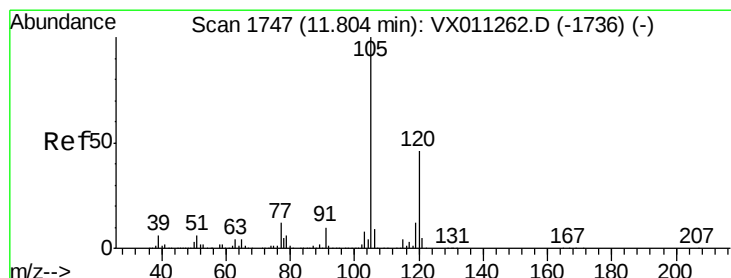
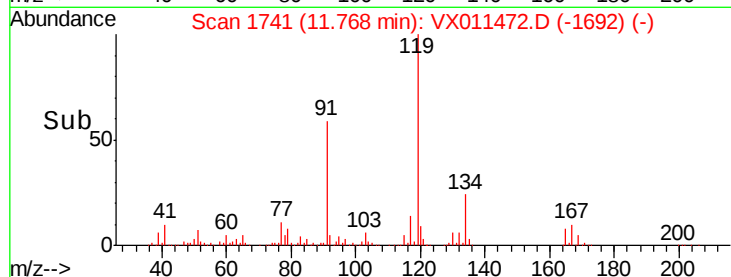
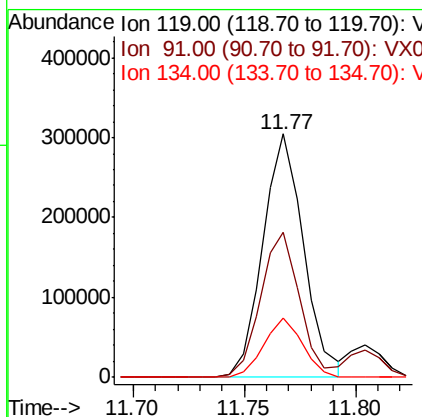
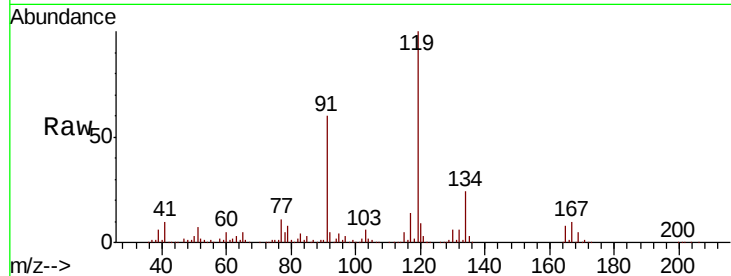




#83
 tert-Butylbenzene
 Concen: 54.927 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX011472.D
 Acq: 12 Aug 2019 10:18

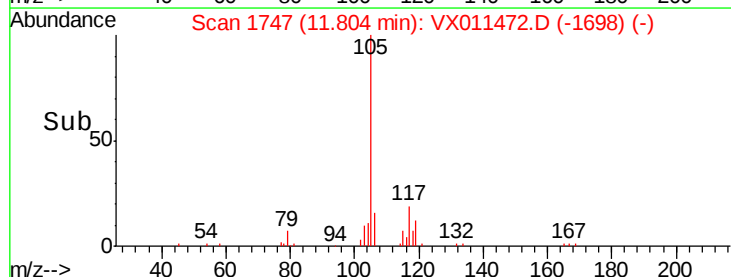
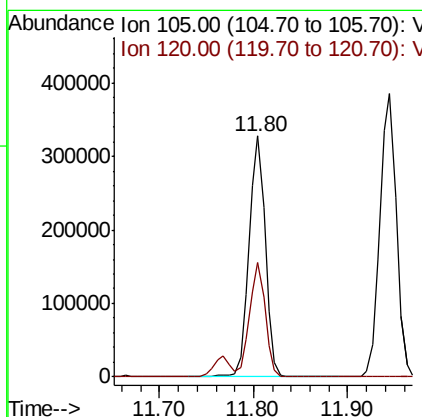
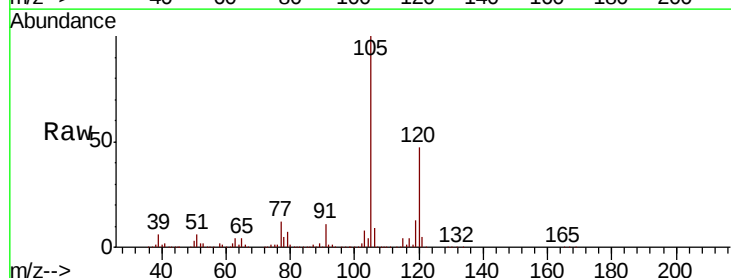
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

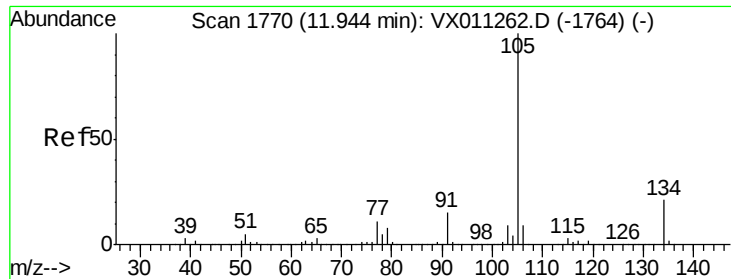
Tgt Ion:119 Resp: 386538
 Ion Ratio Lower Upper
 119 100
 91 56.8 28.0 84.0
 134 23.3 11.9 35.5



#84
 1,2,4-Trimethylbenzene
 Concen: 55.400 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX011472.D
 Acq: 12 Aug 2019 10:18

Tgt Ion:105 Resp: 395770
 Ion Ratio Lower Upper
 105 100
 120 45.9 23.0 69.0

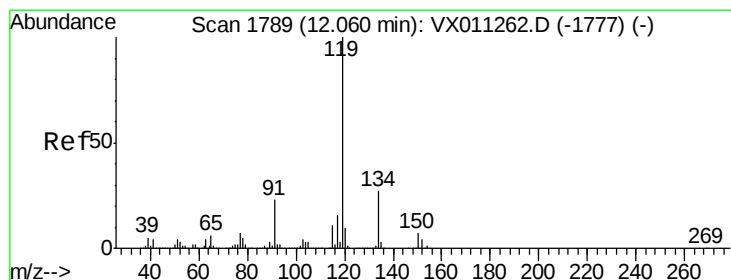
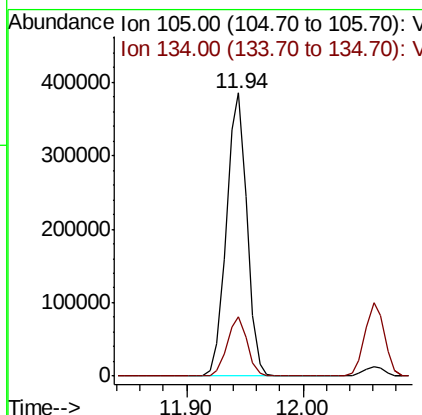
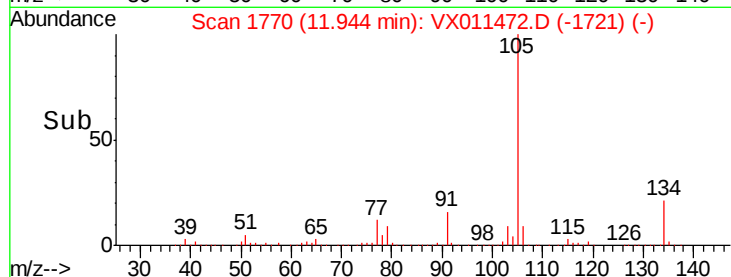
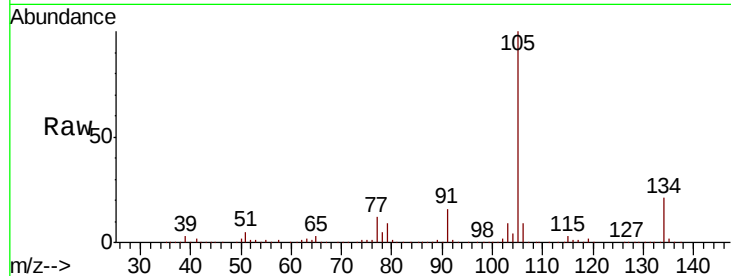




#85
 sec-Butylbenzene
 Concen: 55.191 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX011472.D
 Acq: 12 Aug 2019 10:18

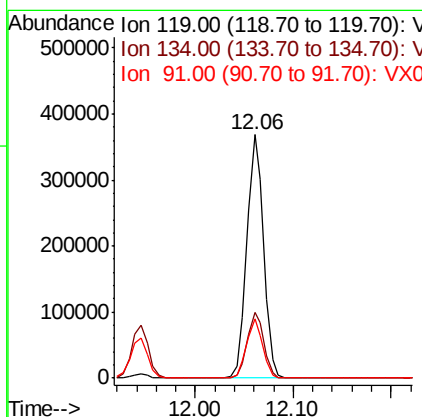
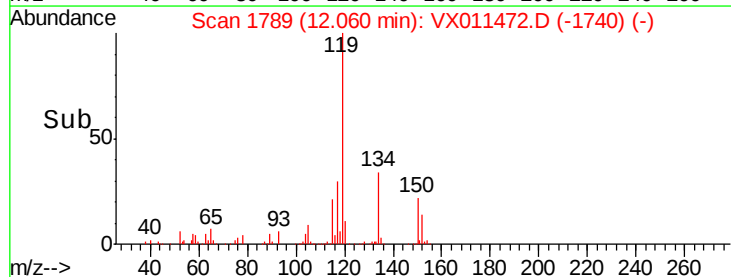
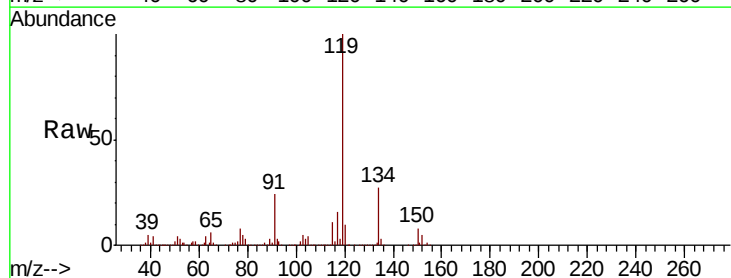
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

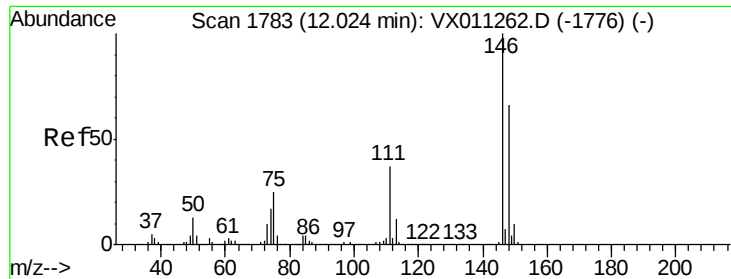
Tgt Ion:105 Resp: 466643
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 56.012 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX011472.D
 Acq: 12 Aug 2019 10:18

Tgt Ion:119 Resp: 435686
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.7 41.0
 91 23.7 11.4 34.2

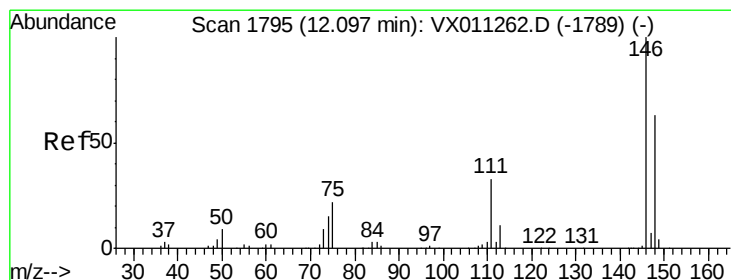
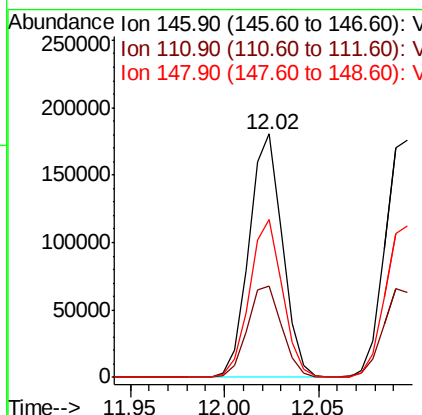
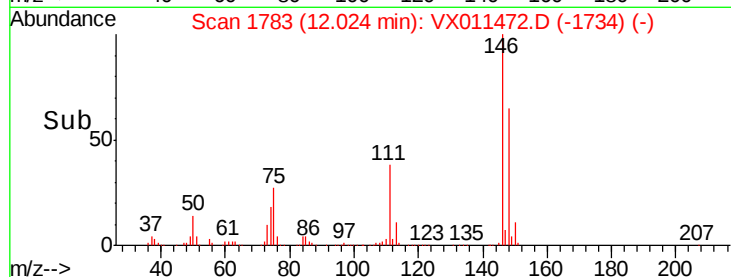
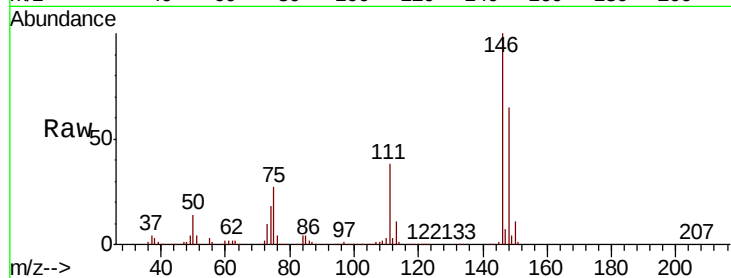




#87
 1,3-Dichlorobenzene
 Concen: 52.891 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX011472.D
 Acq: 12 Aug 2019 10:18

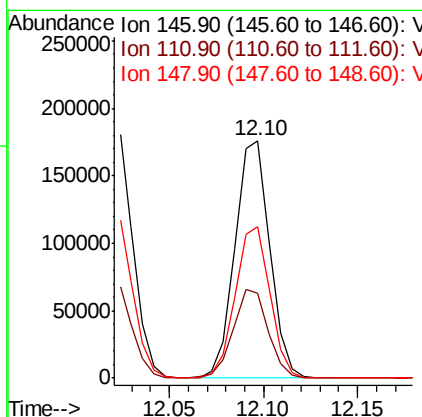
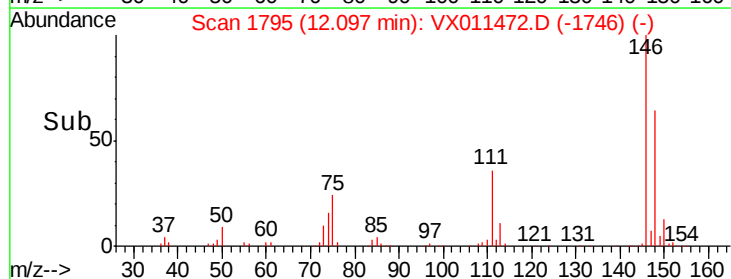
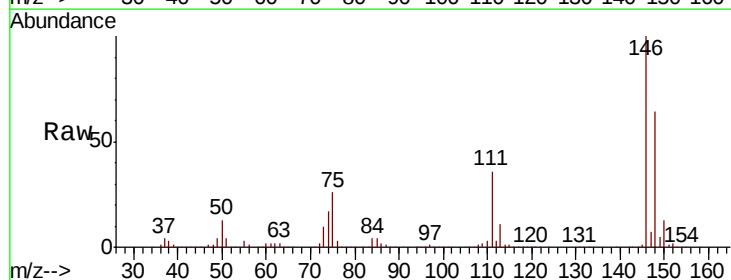
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.8	18.6	55.8
148	64.1	32.5	97.5



#88
 1,4-Dichlorobenzene
 Concen: 52.060 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX011472.D
 Acq: 12 Aug 2019 10:18

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	17.8	53.4
148	63.8	31.8	95.3

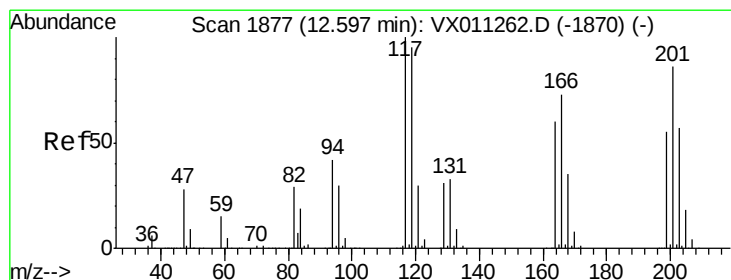
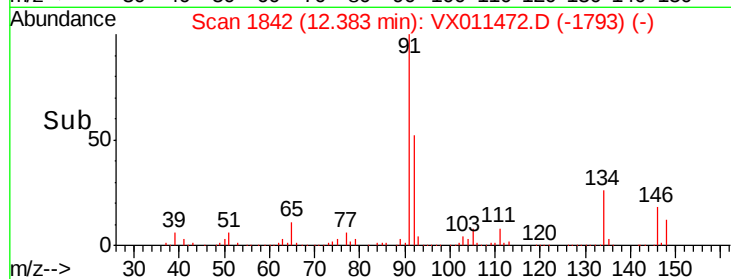
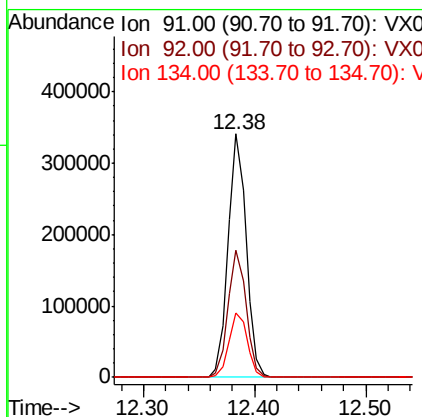
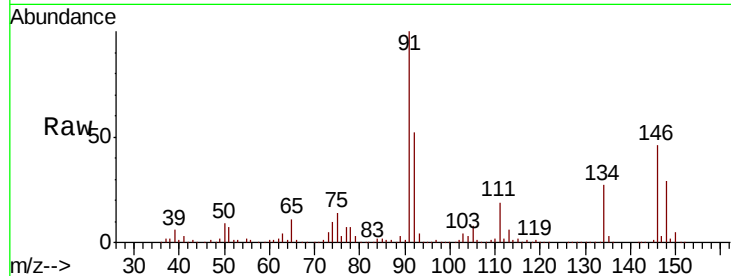




#89
n-Butylbenzene
Concen: 57.143 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011472.D
Acq: 12 Aug 2019 10:18

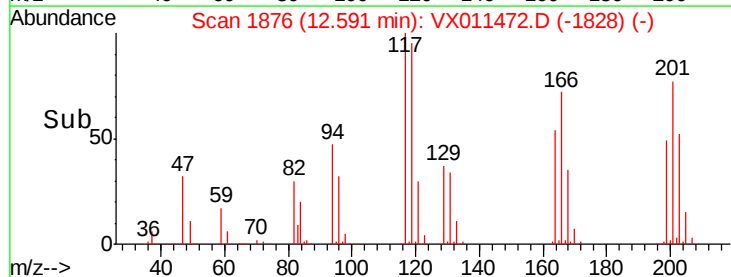
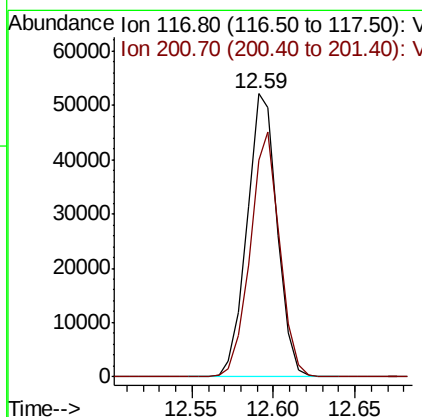
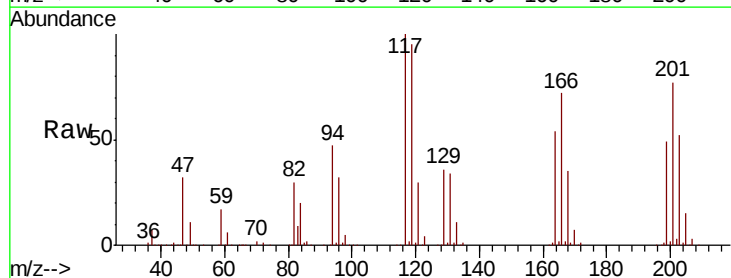
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 382931
Ion Ratio Lower Upper
91 100
92 52.5 25.8 77.3
134 27.1 13.7 41.0



#90
Hexachloroethane
Concen: 58.608 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX011472.D
Acq: 12 Aug 2019 10:18

Tgt Ion: 117 Resp: 67398
Ion Ratio Lower Upper
117 100
201 84.0 41.8 125.4

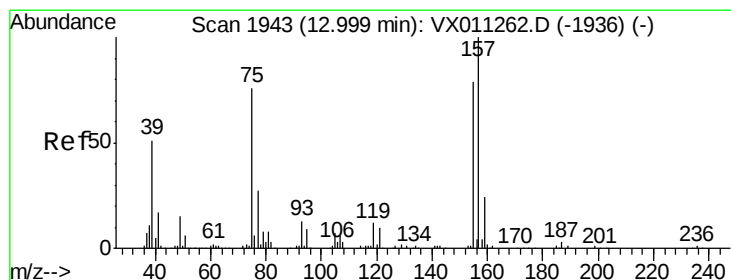
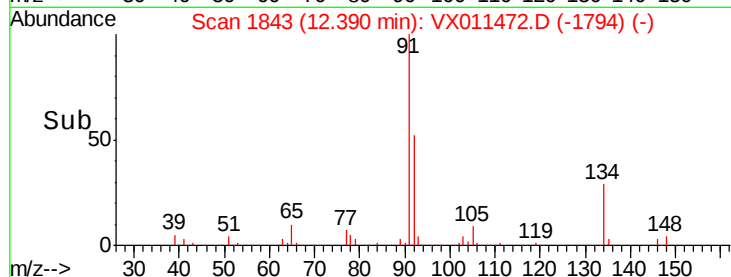
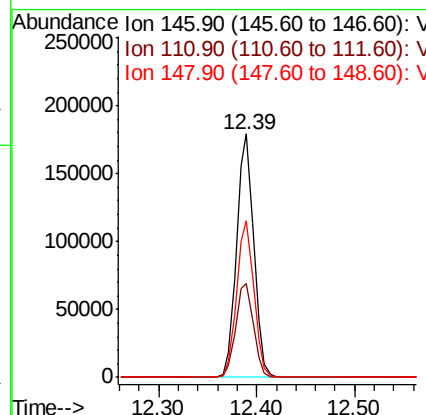
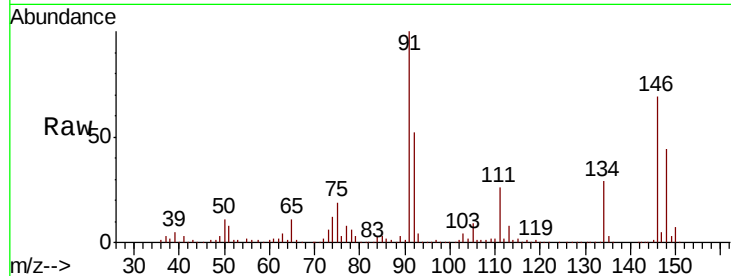




#91
 1,2-Dichlorobenzene
 Concen: 51.808 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX011472.D
 Acq: 12 Aug 2019 10:18

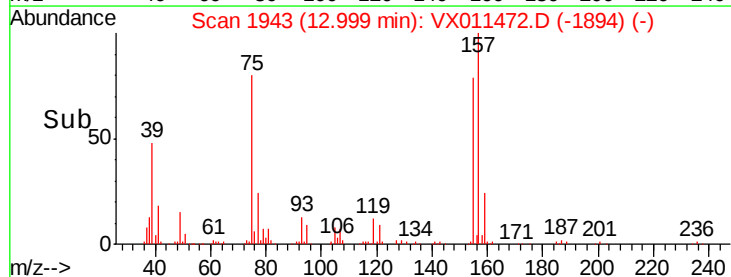
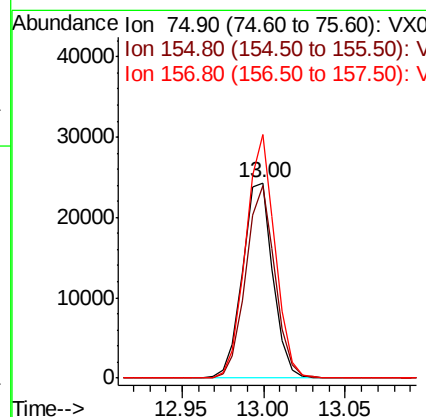
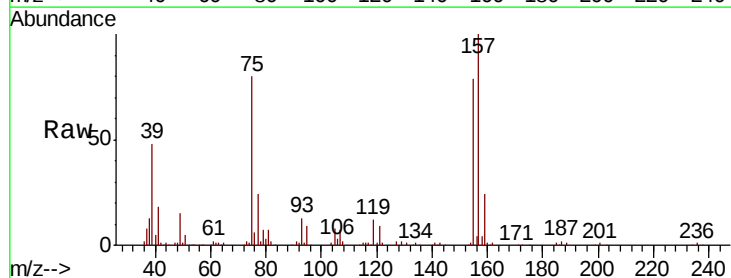
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

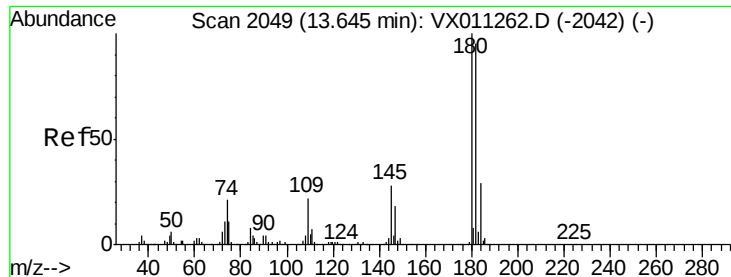
Tgt Ion: 146 Resp: 218614
 Ion Ratio Lower Upper
 146 100
 111 39.8 19.1 57.1
 148 64.7 32.3 96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 57.158 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX011472.D
 Acq: 12 Aug 2019 10:18

Tgt Ion: 75 Resp: 31632
 Ion Ratio Lower Upper
 75 100
 155 94.2 51.9 155.8
 157 119.5 64.3 192.7

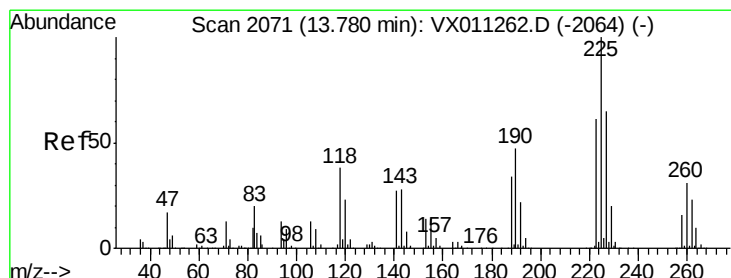
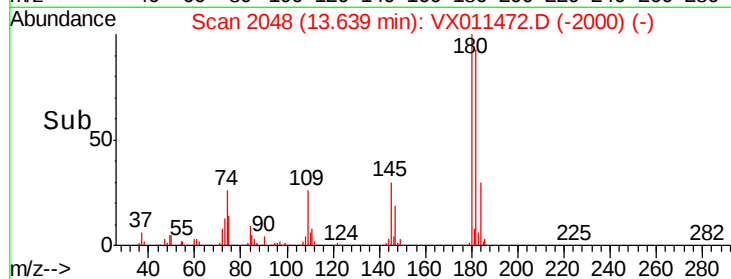
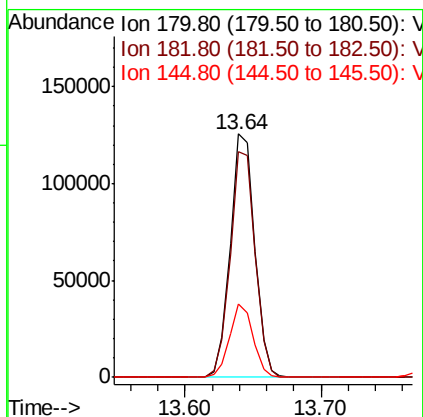
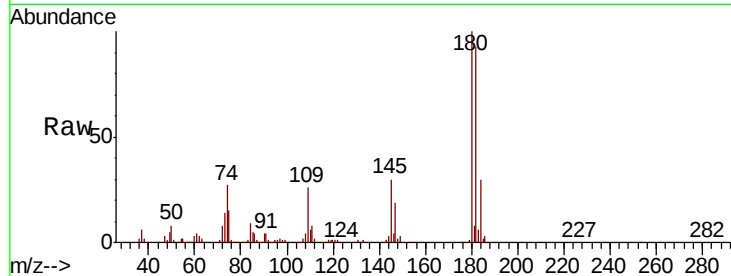




#93
 1,2,4-Trichlorobenzene
 Concen: 56.055 ug/l
 RT: 13.64 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: VX011472.D
 Acq: 12 Aug 2019 10:18

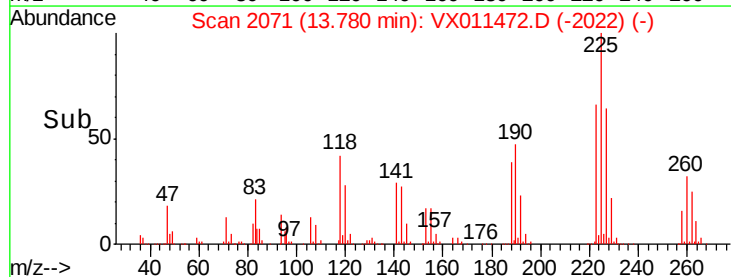
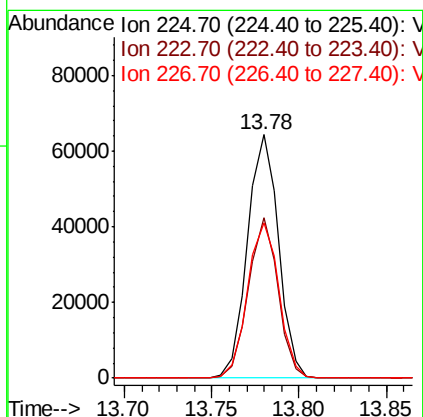
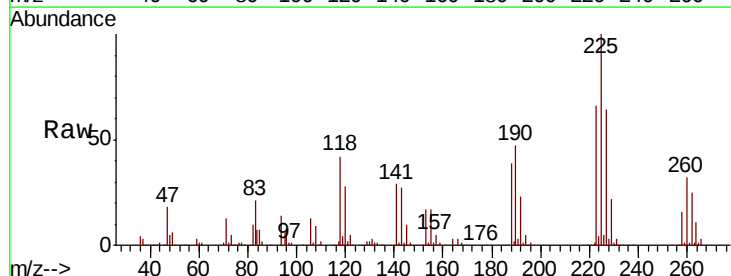
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:180 Resp: 156866
 Ion Ratio Lower Upper
 180 100
 182 94.2 47.8 143.4
 145 29.1 14.8 44.3



#94
 Hexachlorobutadiene
 Concen: 55.871 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX011472.D
 Acq: 12 Aug 2019 10:18

Tgt Ion:225 Resp: 79326
 Ion Ratio Lower Upper
 225 100
 223 63.0 31.0 93.0
 227 64.6 32.2 96.6

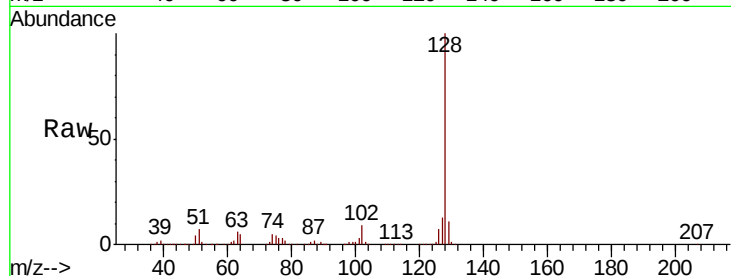




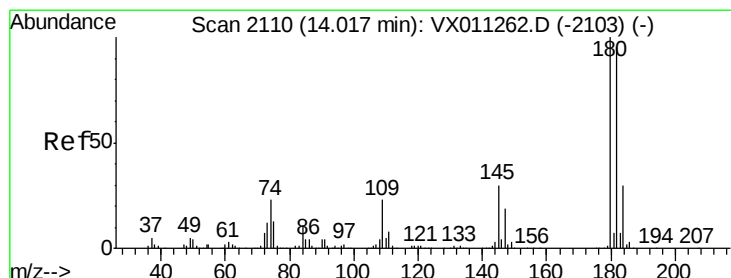
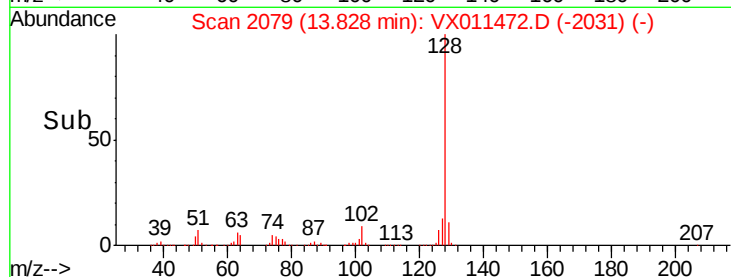
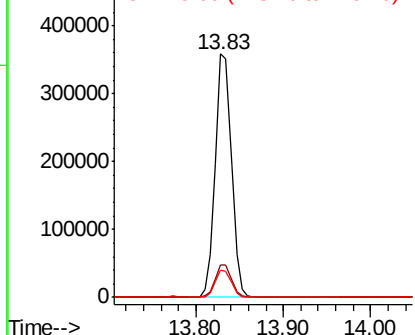
#95
Naphthalene
Concen: 56.106 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX011472.D
Acq: 12 Aug 2019 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 459158
Ion Ratio Lower Upper
128 100
127 13.3 10.4 15.6
129 11.2 8.9 13.3

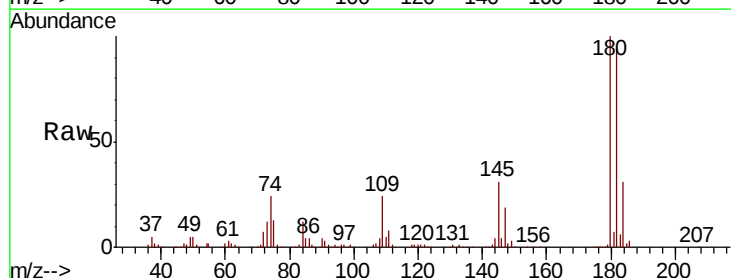


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 54.169 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX011472.D
Acq: 12 Aug 2019 10:18

Tgt Ion:180 Resp: 154110
Ion Ratio Lower Upper
180 100
182 96.2 47.4 142.3
145 31.6 15.2 45.6



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

