

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081119\
 Data File : VX011446.D
 Acq On : 11 Aug 2019 21:42
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 12 07:53:06 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	5.66	168	163274	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	245793	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	232909	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	125791	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	99926	60.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.54%	
35) Dibromofluoromethane	5.49	113	86627	53.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.96%	
50) Toluene-d8	8.71	98	320228	52.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.74%	
62) 4-Bromofluorobenzene	11.13	95	124245	57.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	60739	48.166	ug/l	98
3) Chloromethane	1.32	50	65224	46.059	ug/l	100
4) Vinyl Chloride	1.40	62	70906	45.520	ug/l	100
5) Bromomethane	1.63	94	45136	40.629	ug/l	99
6) Chloroethane	1.71	64	47739	49.476	ug/l	99
7) Trichlorofluoromethane	1.92	101	133386	48.160	ug/l	98
8) Diethyl Ether	2.18	74	45530	46.038	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	75046	50.077	ug/l	98
10) Methyl Iodide	2.50	142	100463	53.173	ug/l	98
11) Tert butyl alcohol	3.04	59	91348	278.602	ug/l	99
12) 1,1-Dichloroethene	2.36	96	72384	48.726	ug/l	86
13) Acrolein	2.29	56	30923	151.594	ug/l	99
14) Allyl chloride	2.72	41	111640	56.372	ug/l	97
15) Acrylonitrile	3.14	53	214015	273.528	ug/l	98
16) Acetone	2.43	43	186413	238.187	ug/l	97
17) Carbon Disulfide	2.56	76	164983	47.327	ug/l	100
18) Methyl Acetate	2.76	43	104891	58.646	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	251686	57.492	ug/l	99
20) Methylene Chloride	2.85	84	85205	49.711	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	78289	49.820	ug/l	90
22) Diisopropyl ether	3.85	45	243446	55.931	ug/l	98
23) Vinyl Acetate	3.81	43	1049488	290.710	ug/l	98
24) 1,1-Dichloroethane	3.69	63	140721	54.829	ug/l	98
25) 2-Butanone	4.67	43	302316	271.550	ug/l	98
26) 2,2-Dichloropropane	4.58	77	89870	45.045	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	92966	51.362	ug/l	98
28) Bromochloromethane	5.01	49	65585	56.053	ug/l	96
29) Tetrahydrofuran	5.12	42	191375	280.355	ug/l	98
30) Chloroform	5.20	83	155137	55.615	ug/l	96
31) Cyclohexane	5.57	56	108706	51.338	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	137958	57.733	ug/l	99
36) 1,1-Dichloropropene	5.79	75	108256	50.446	ug/l	99
37) Ethyl Acetate	4.82	43	115506	53.659	ug/l	98
38) Carbon Tetrachloride	5.78	117	121236	56.153	ug/l	98

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 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	117324	46.123	ug/l	97
40) Benzene	6.13	78	327191	51.093	ug/l	96
41) Methacrylonitrile	5.03	41	62681	53.318	ug/l	98
42) 1,2-Dichloroethane	6.18	62	124074	57.297	ug/l	97
43) Isopropyl Acetate	6.44	43	186881	54.302	ug/l	99
44) Trichloroethene	7.21	130	96059	49.557	ug/l	94
45) 1,2-Dichloropropane	7.51	63	85687	51.666	ug/l	99
46) Dibromomethane	7.66	93	63234	52.229	ug/l	95
47) Bromodichloromethane	7.90	83	118573	57.845	ug/l	97
48) Methyl methacrylate	7.77	41	94114	58.109	ug/l	97
49) 1,4-Dioxane	7.73	88	44122	939.681	ug/l	94
51) 4-Methyl-2-Pentanone	8.64	43	627287	282.432	ug/l	99
52) Toluene	8.78	92	218606	51.631	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	121166	50.713	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	131044	54.728	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	94439	54.249	ug/l	100
56) Ethyl methacrylate	9.18	69	142103	57.281	ug/l	97
57) 1,3-Dichloropropane	9.37	76	148348	53.883	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	324724	266.214	ug/l	100
59) 2-Hexanone	9.49	43	480988	279.592	ug/l	98
60) Dibromochloromethane	9.58	129	103522	58.084	ug/l	98
61) 1,2-Dibromoethane	9.67	107	100545	53.459	ug/l	99
64) Tetrachloroethene	9.34	164	93876	47.461	ug/l	96
65) Chlorobenzene	10.13	112	249478	49.957	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	95440	55.824	ug/l	99
67) Ethyl Benzene	10.25	91	434055	51.899	ug/l	99
68) m/p-Xylenes	10.35	106	334988	103.552	ug/l	98
69) o-Xylene	10.69	106	162060	50.986	ug/l	97
70) Styrene	10.71	104	281572	53.538	ug/l	98
71) Bromoform	10.85	173	78141	51.054	ug/l #	99
73) Isopropylbenzene	11.02	105	441643	51.335	ug/l	100
74) N-amyl acetate	10.90	43	171677	55.226	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	145219	50.652	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	158657	69.258	ug/l	84
77) Bromobenzene	11.25	156	120037	50.317	ug/l	96
78) n-propylbenzene	11.36	91	493323	51.563	ug/l	99
79) 2-Chlorotoluene	11.42	91	293766	51.516	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	374774	52.039	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	39176	46.058	ug/l	95
82) 4-Chlorotoluene	11.51	91	346580	52.151	ug/l	97
83) tert-Butylbenzene	11.77	119	371819	52.641	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	377145	52.598	ug/l	99
85) sec-Butylbenzene	11.94	105	430741	50.757	ug/l	99
86) p-Isopropyltoluene	12.06	119	401200	51.389	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	212624	50.442	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	212537	48.898	ug/l	98
89) n-Butylbenzene	12.38	91	335554	49.888	ug/l	98
90) Hexachloroethane	12.60	117	64626	55.990	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	211042	49.829	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	31236	56.234	ug/l	93

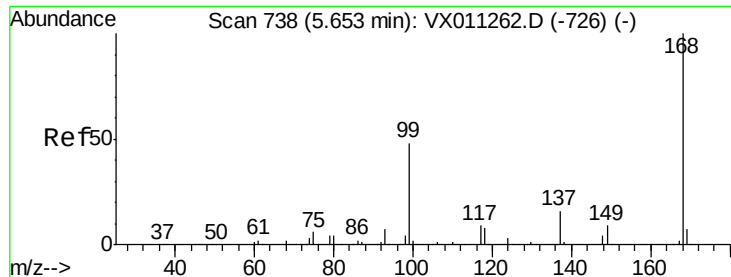
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081119\
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Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	141135	50.248	ug/l	99
94) Hexachlorobutadiene	13.78	225	69812	48.989	ug/l	98
95) Naphthalene	13.83	128	446794	54.395	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	145823	51.068	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.01 min

Lab File: VX011446.D

Acq: 11 Aug 2019 21:42

Instrument :

MSVOA_X

ClientSampleId :

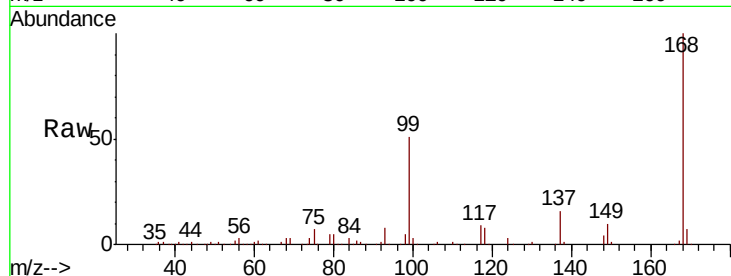
VSTDCCC050

Tgt Ion:168 Resp: 163274

Ion Ratio Lower Upper

168 100

99 50.8 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): VX011262.D (-726) (-)

Ion 98.90 (98.60 to 99.60): VX011262.D (-726) (-)

5.66

60000

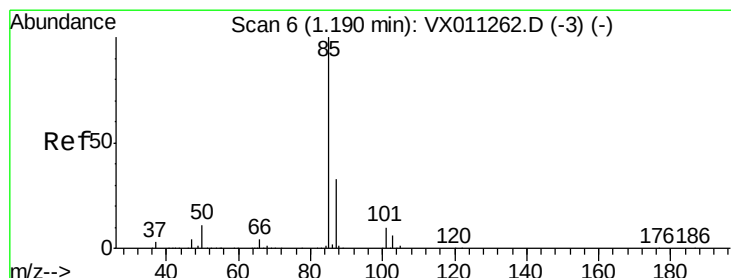
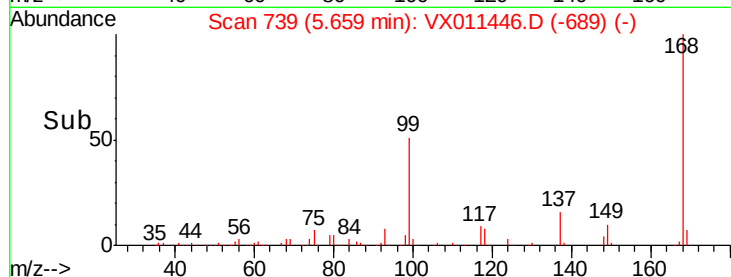
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 48.166 ug/l

RT: 1.19 min Scan# 6

Delta R.T. 0.00 min

Lab File: VX011446.D

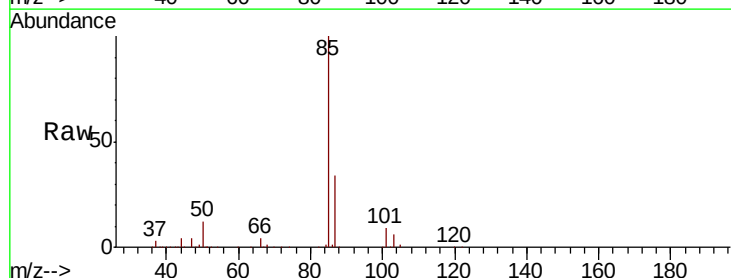
Acq: 11 Aug 2019 21:42

Tgt Ion: 85 Resp: 60739

Ion Ratio Lower Upper

85 100

87 33.6 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX011262.D (-3) (-)

Ion 86.90 (86.60 to 87.60): VX011262.D (-3) (-)

1.19

60000

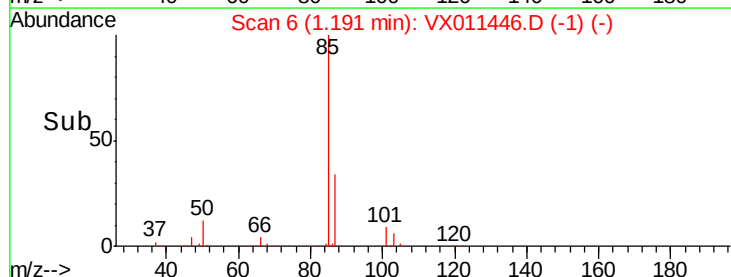
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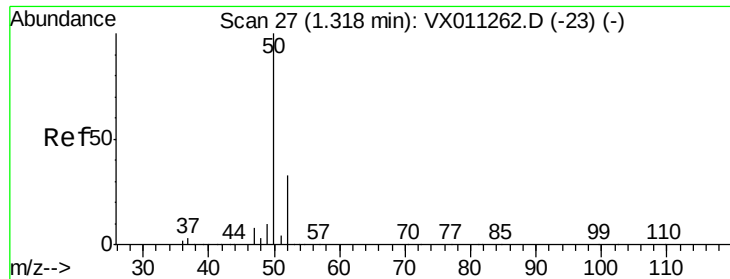
20000

0

1.15 1.20 1.25

Time-->

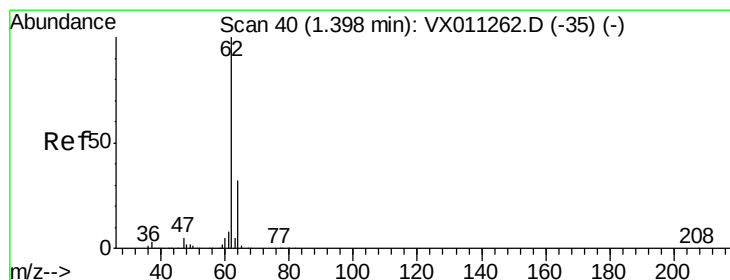
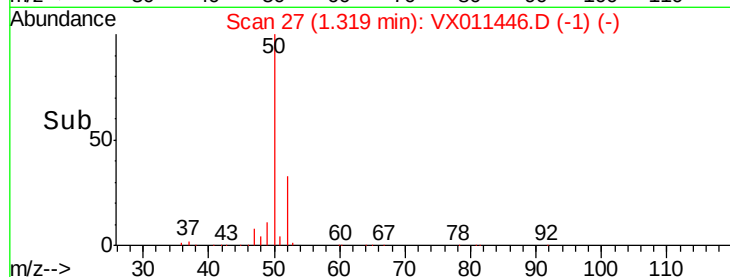
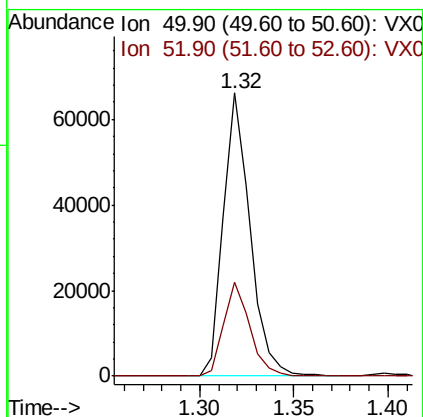
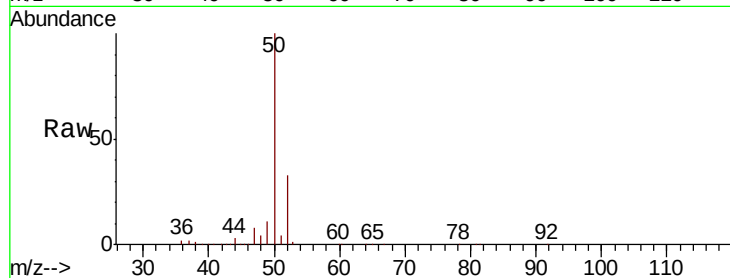




#3
Chloromethane
Concen: 46.059 ug/l
RT: 1.32 min Scan# 27
Delta R.T. 0.00 min
Lab File: VX011446.D
Acq: 11 Aug 2019 21:42

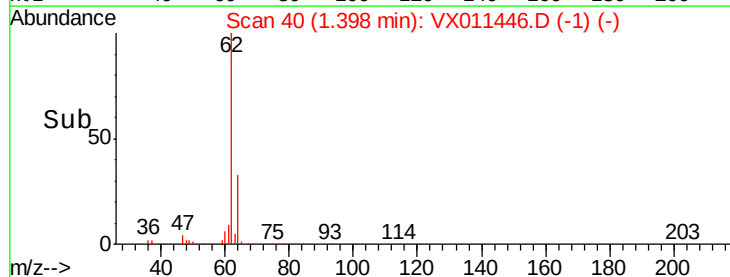
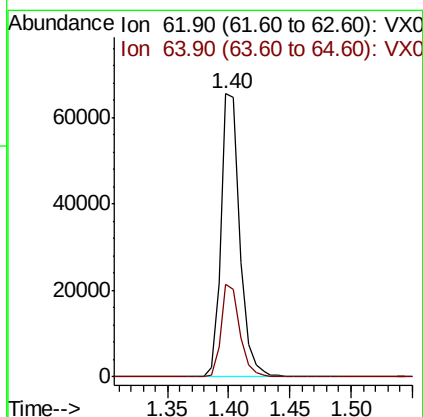
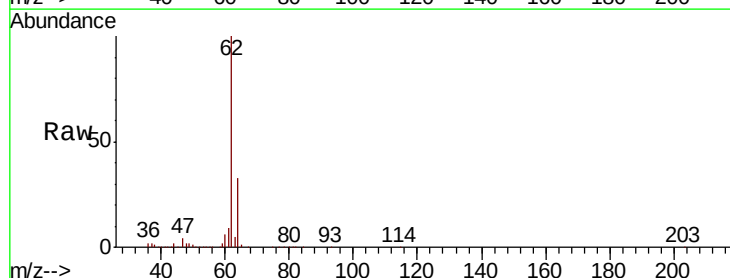
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

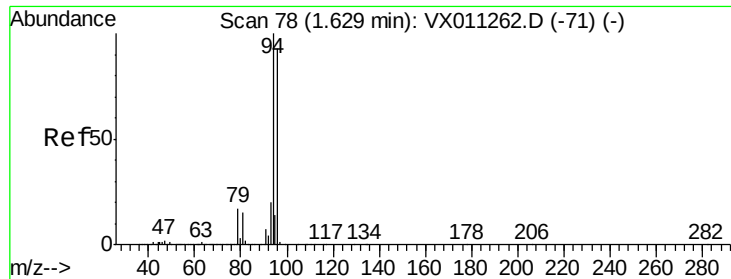
Tgt Ion: 50 Resp: 65224
Ion Ratio Lower Upper
50 100
52 33.2 26.4 39.6



#4
Vinyl Chloride
Concen: 45.520 ug/l
RT: 1.40 min Scan# 40
Delta R.T. 0.00 min
Lab File: VX011446.D
Acq: 11 Aug 2019 21:42

Tgt Ion: 62 Resp: 70906
Ion Ratio Lower Upper
62 100
64 32.7 26.0 39.0





#5

Bromomethane

Concen: 40.629 ug/l

RT: 1.63 min Scan# 78

Delta R.T. 0.00 min

Lab File: VX011446.D

Acq: 11 Aug 2019 21:42

Instrument :

MSVOA_X

ClientSampleId :

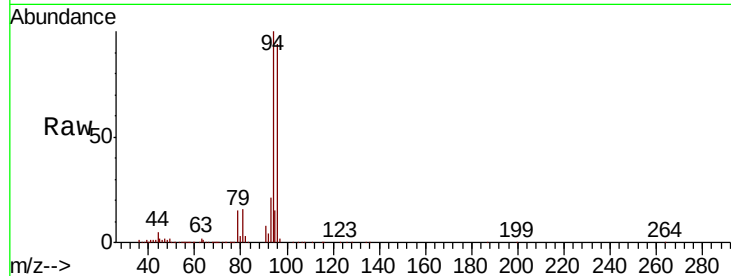
VSTDCCC050

Tgt Ion: 94 Resp: 45136

Ion Ratio Lower Upper

94 100

96 94.1 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

50000

40000

30000

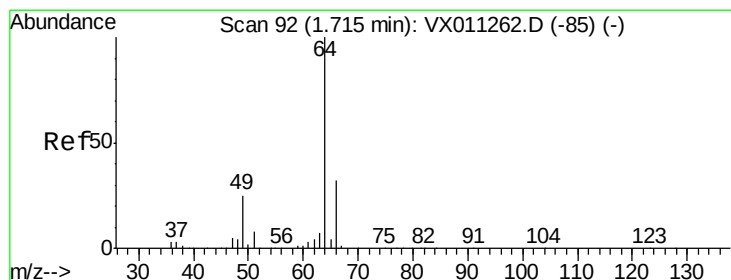
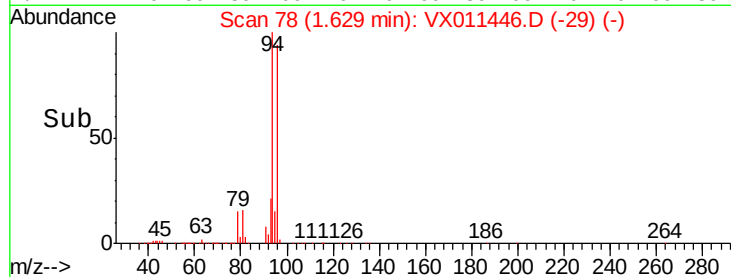
20000

10000

0

Time-->

1.60 1.65 1.70



#6

Chloroethane

Concen: 49.476 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX011446.D

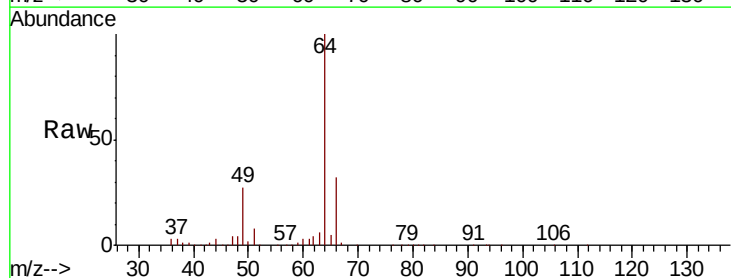
Acq: 11 Aug 2019 21:42

Tgt Ion: 64 Resp: 47739

Ion Ratio Lower Upper

64 100

66 32.1 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

40000

30000

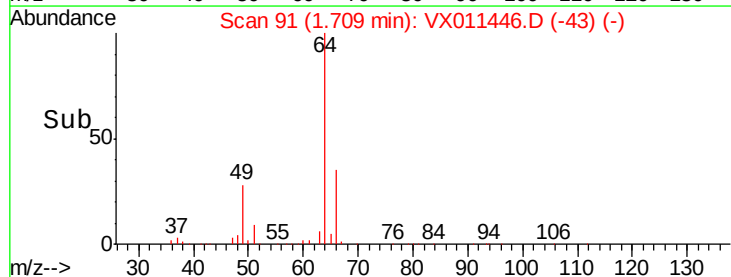
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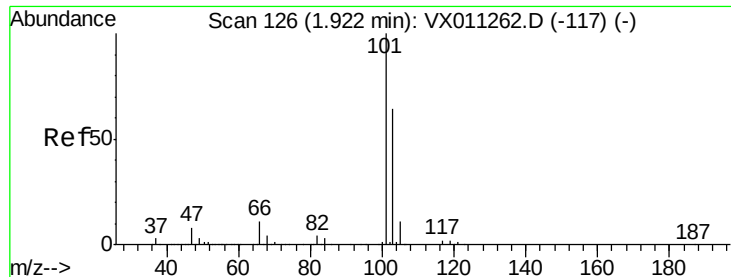
10000

0

Time-->

1.65 1.70 1.75 1.80



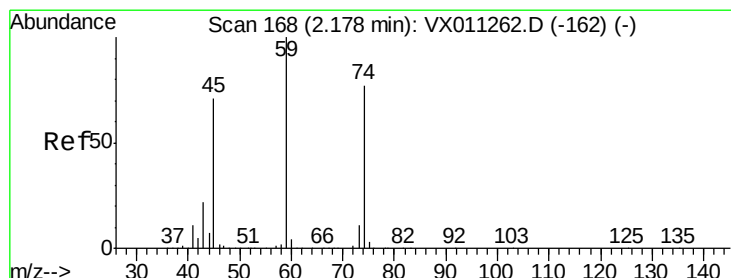
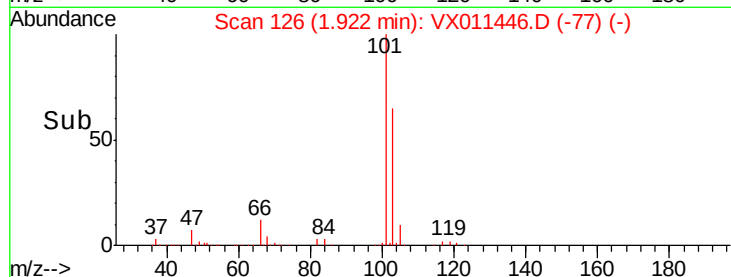
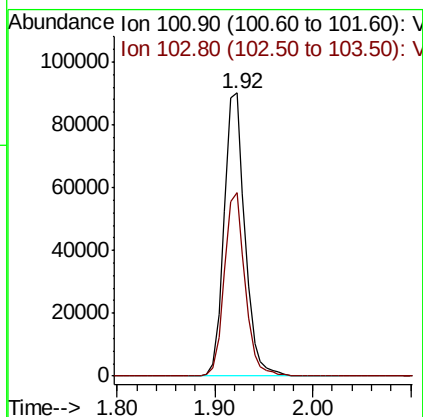
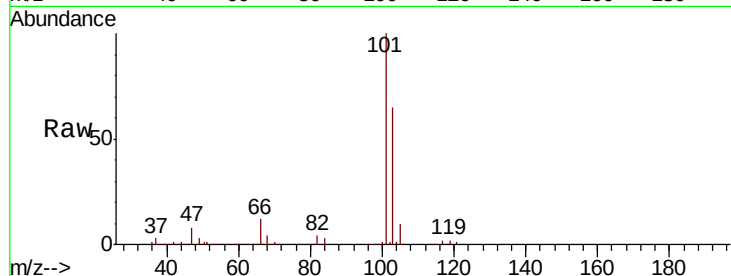


#7

Trichlorofluoromethane
Concen: 48.160 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX011446.D
Acq: 11 Aug 2019 21:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

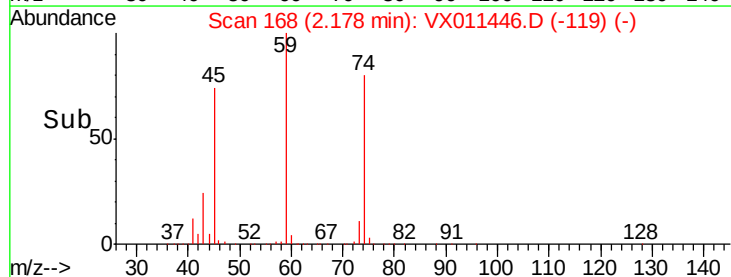
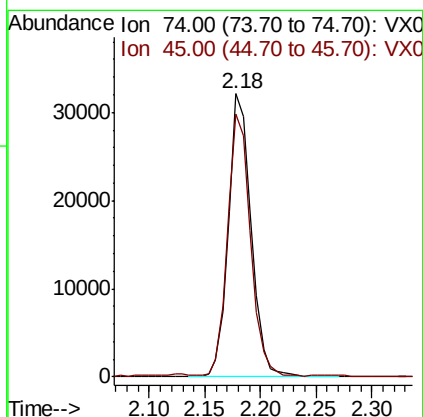
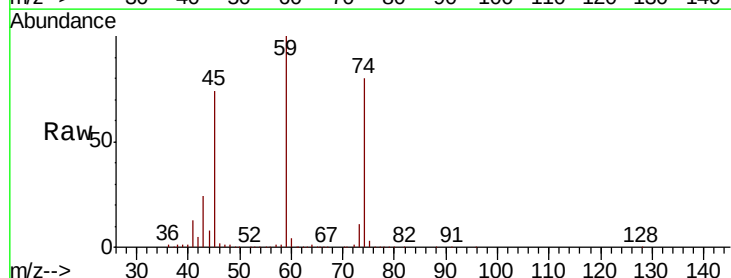
Tgt Ion:101 Resp: 133386
Ion Ratio Lower Upper
101 100
103 64.9 50.9 76.3

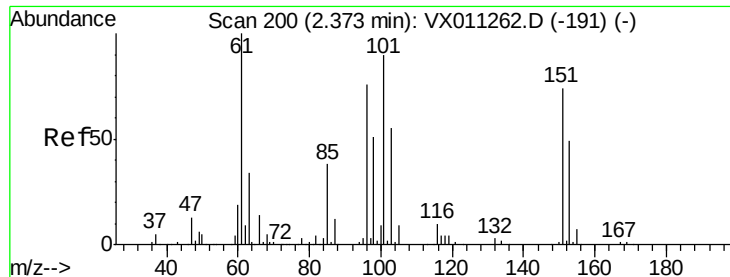


#8

Diethyl Ether
Concen: 46.038 ug/l
RT: 2.18 min Scan# 168
Delta R.T. 0.00 min
Lab File: VX011446.D
Acq: 11 Aug 2019 21:42

Tgt Ion: 74 Resp: 45530
Ion Ratio Lower Upper
74 100
45 92.4 46.1 138.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.077 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.00 min

Lab File: VX011446.D

Acq: 11 Aug 2019 21:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

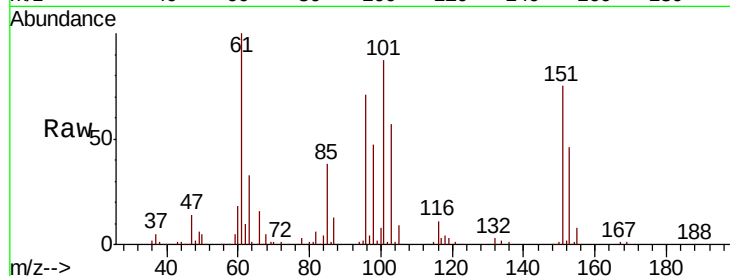
Tgt Ion:101 Resp: 75046

Ion Ratio Lower Upper

101 100

85 42.8 33.8 50.6

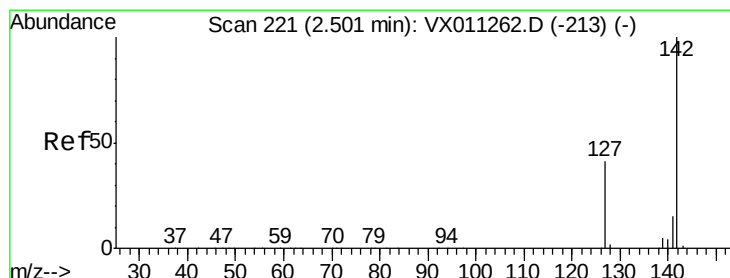
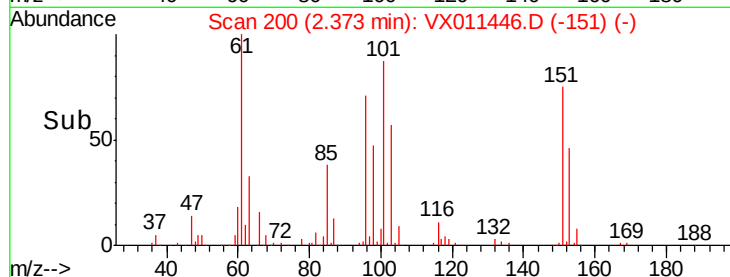
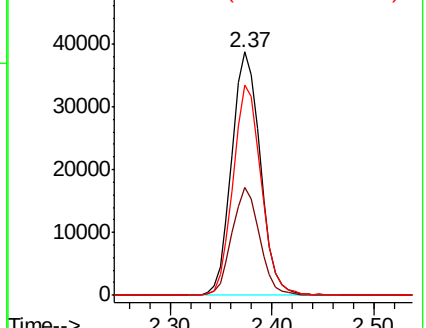
151 84.9 69.5 104.3



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: 53.173 ug/l

RT: 2.50 min Scan# 221

Delta R.T. 0.00 min

Lab File: VX011446.D

Acq: 11 Aug 2019 21:42

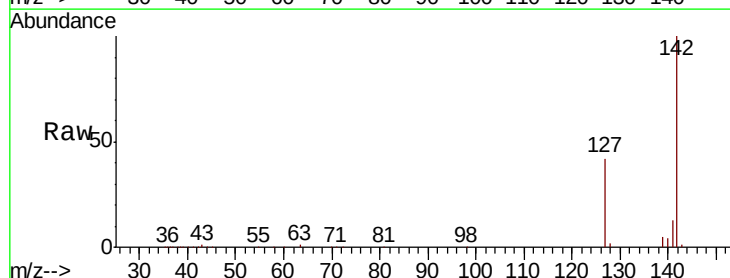
Tgt Ion:142 Resp: 100463

Ion Ratio Lower Upper

142 100

127 43.9 33.8 50.8

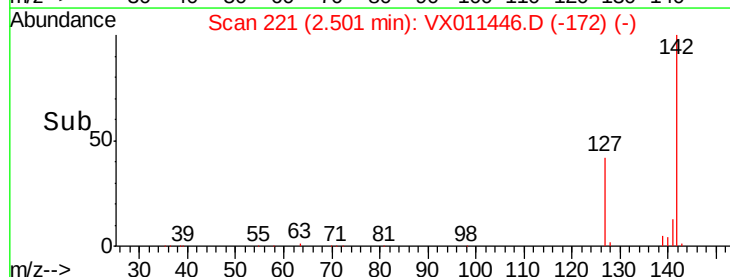
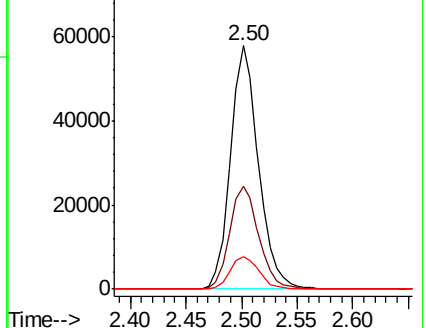
141 14.3 11.4 17.2

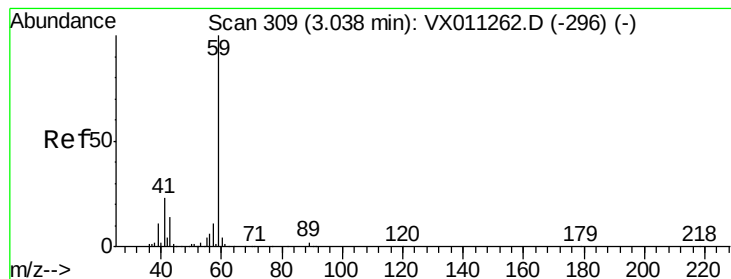


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



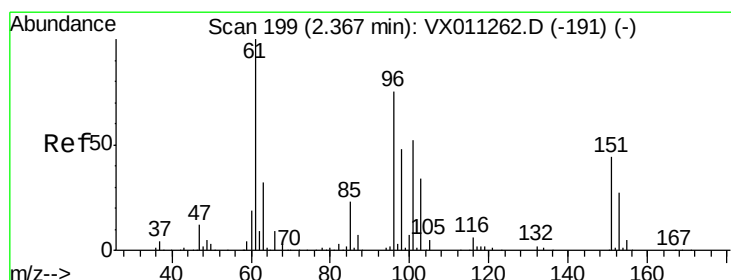
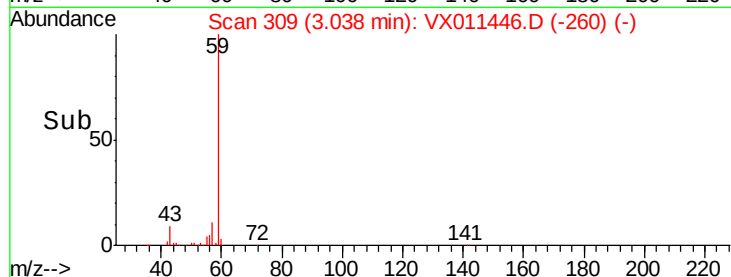
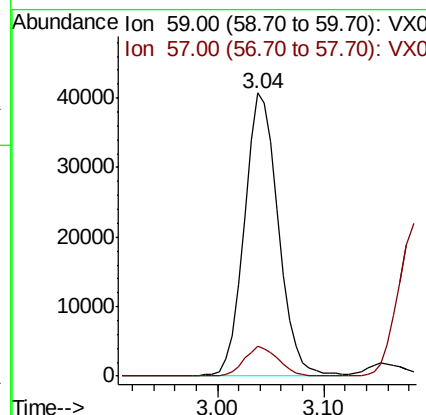
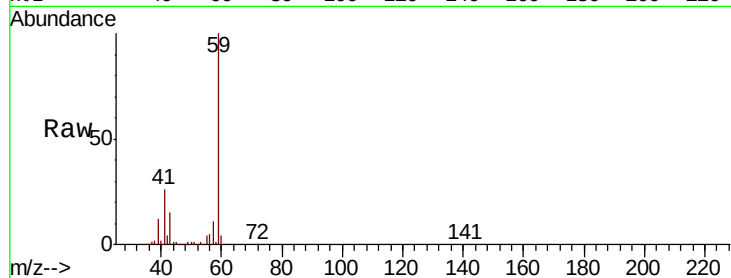


#11

Tert butyl alcohol
 Concen: 278.602 ug/l
 RT: 3.04 min Scan# 309
 Delta R.T. 0.00 min
 Lab File: VX011446.D
 Acq: 11 Aug 2019 21:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

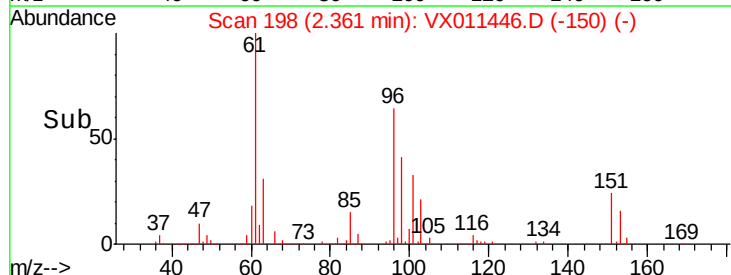
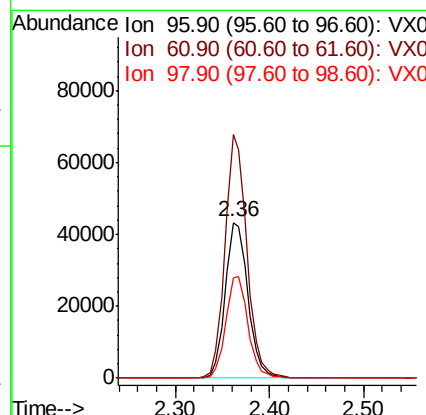
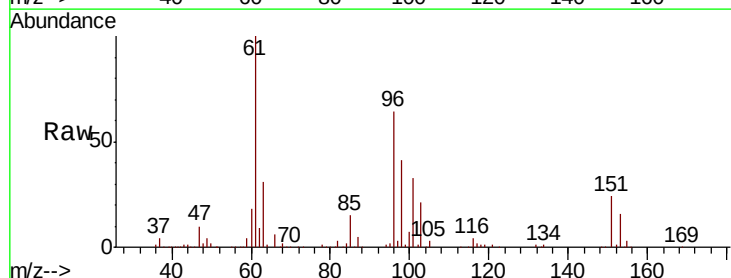
Tgt Ion: 59 Resp: 91348
 Ion Ratio Lower Upper
 59 100
 57 10.8 8.3 12.5

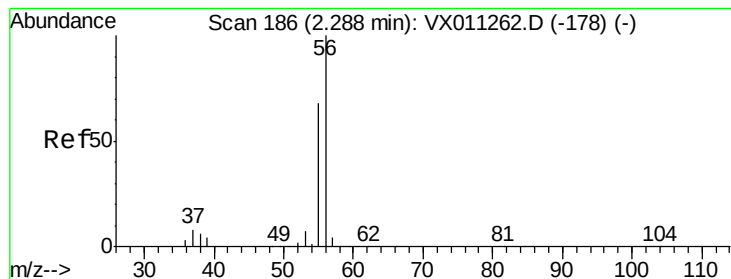


#12

1,1-Dichloroethene
 Concen: 48.726 ug/l
 RT: 2.36 min Scan# 199
 Delta R.T. -0.01 min
 Lab File: VX011446.D
 Acq: 11 Aug 2019 21:42

Tgt Ion: 96 Resp: 72384
 Ion Ratio Lower Upper
 96 100
 61 156.8 106.2 159.2
 98 64.6 50.6 75.8





#13

Acrolein

Concen: 151.594 ug/l

RT: 2.29 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX011446.D

Acq: 11 Aug 2019 21:42

Instrument :

MSVOA_X

ClientSampleId :

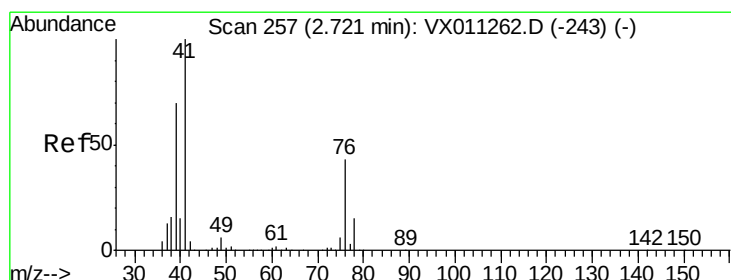
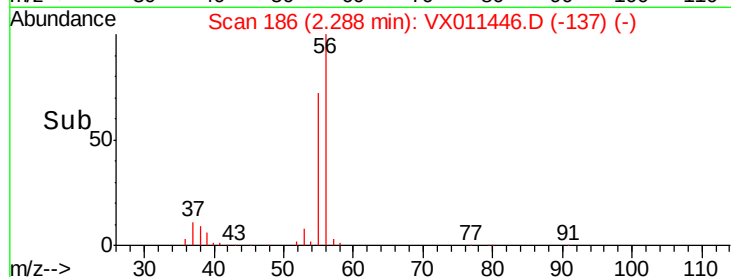
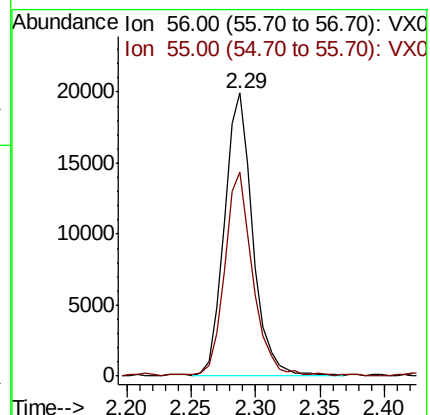
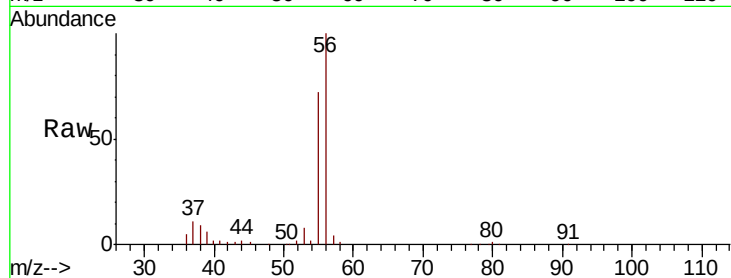
VSTDCCC050

Tgt Ion: 56 Resp: 30923

Ion Ratio Lower Upper

56 100

55 70.6 56.0 84.0



#14

Allyl chloride

Concen: 56.372 ug/l

RT: 2.72 min Scan# 257

Delta R.T. 0.00 min

Lab File: VX011446.D

Acq: 11 Aug 2019 21:42

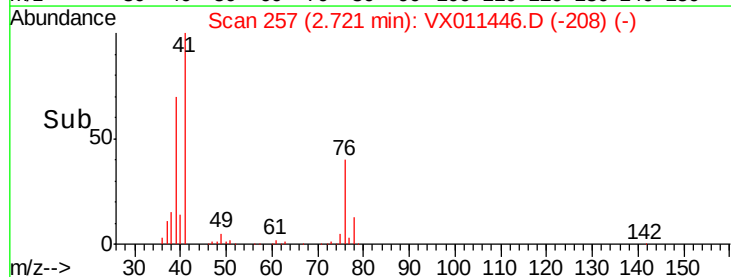
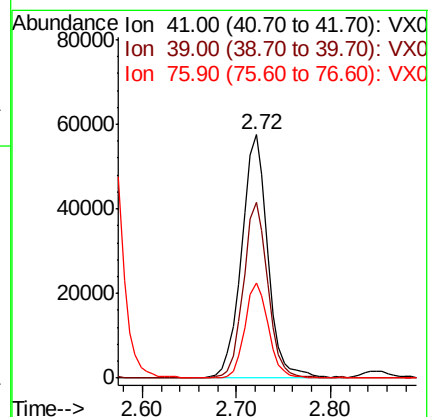
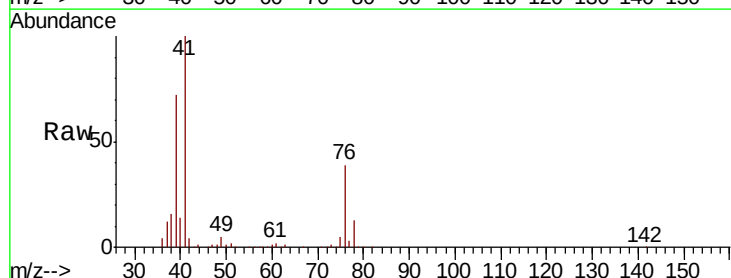
Tgt Ion: 41 Resp: 111640

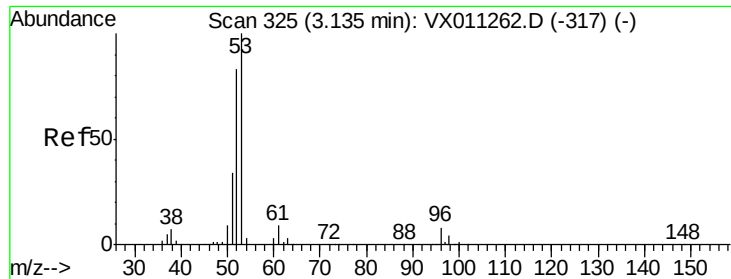
Ion Ratio Lower Upper

41 100

39 67.0 52.8 79.2

76 35.4 31.1 46.7

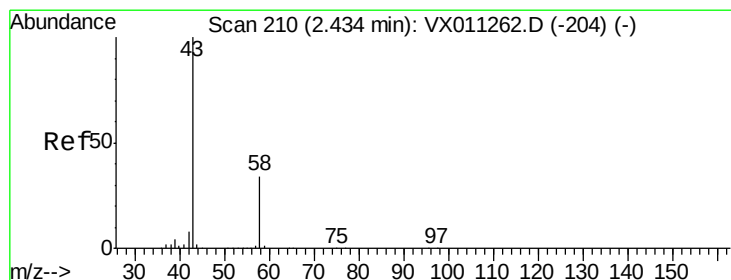
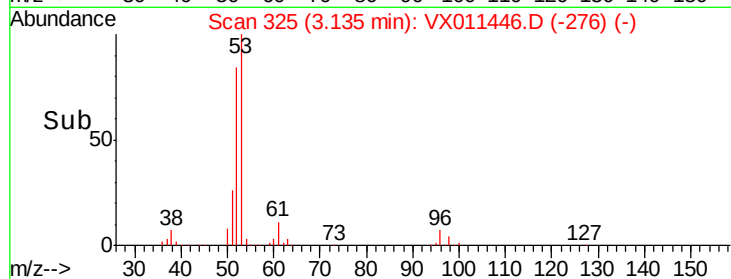
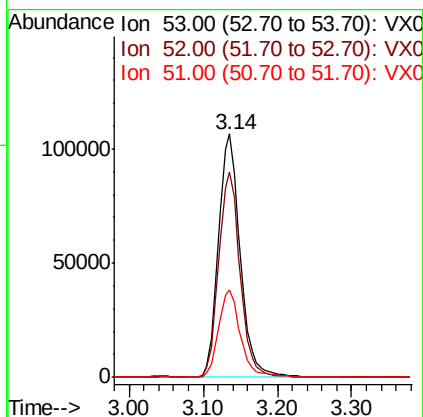
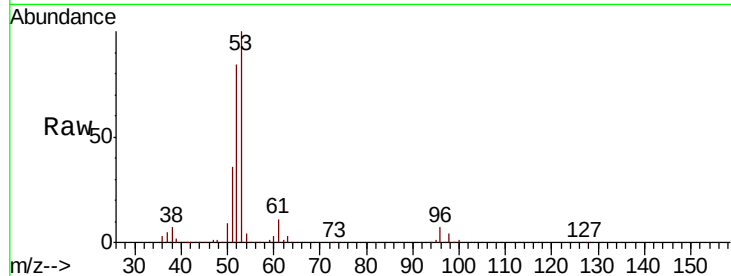




#15
 Acrylonitrile
 Concen: 273.528 ug/l
 RT: 3.14 min Scan# 325
 Delta R.T. 0.00 min
 Lab File: VX011446.D
 Acq: 11 Aug 2019 21:42

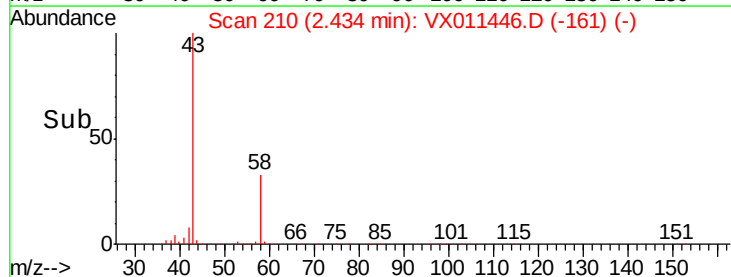
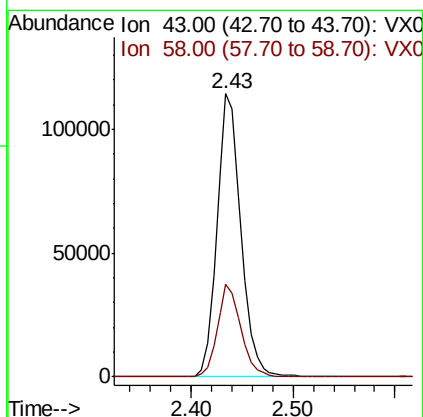
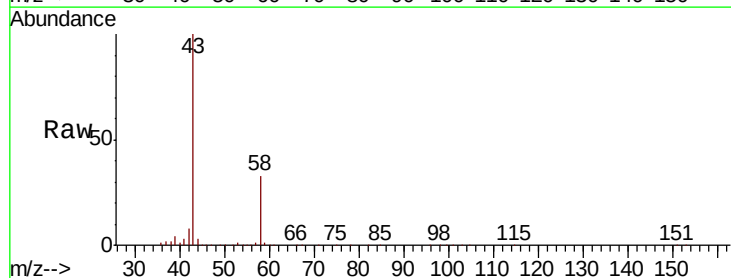
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

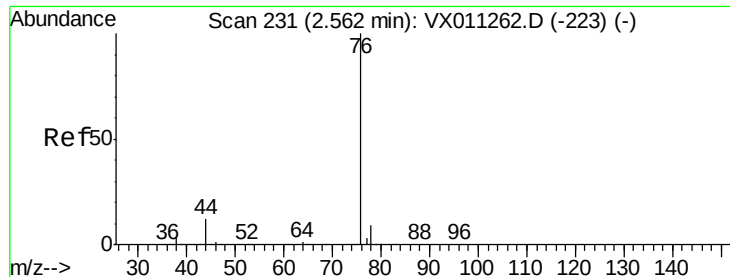
Tgt Ion	Ratio	Lower	Upper
53	100		
52	83.7	65.5	98.3
51	36.3	27.9	41.9



#16
 Acetone
 Concen: 238.187 ug/l
 RT: 2.43 min Scan# 210
 Delta R.T. 0.00 min
 Lab File: VX011446.D
 Acq: 11 Aug 2019 21:42

Tgt Ion	Ratio	Lower	Upper
43	100		
58	32.7	27.4	41.0

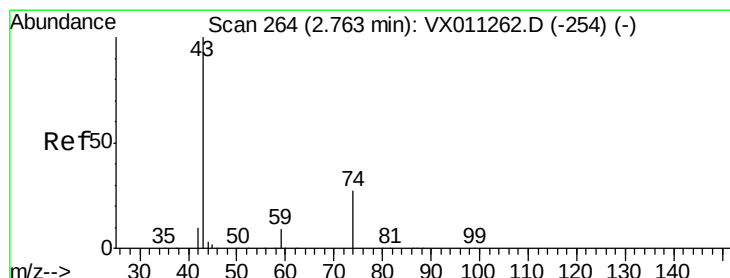
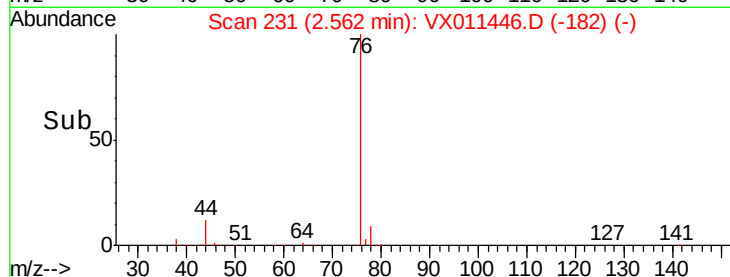
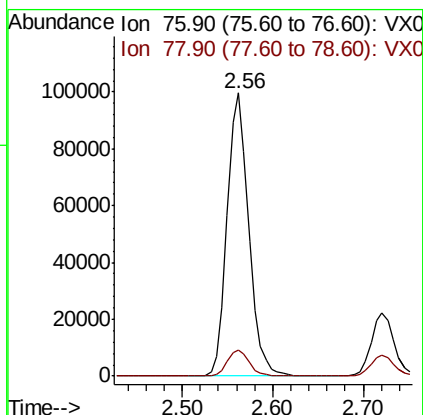
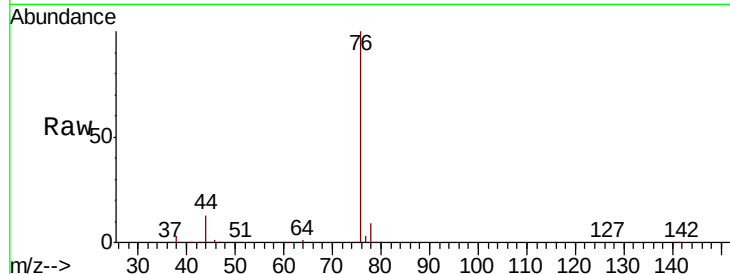




#17
Carbon Disulfide
Concen: 47.327 ug/l
RT: 2.56 min Scan# 231
Delta R.T. 0.00 min
Lab File: VX011446.D
Acq: 11 Aug 2019 21:42

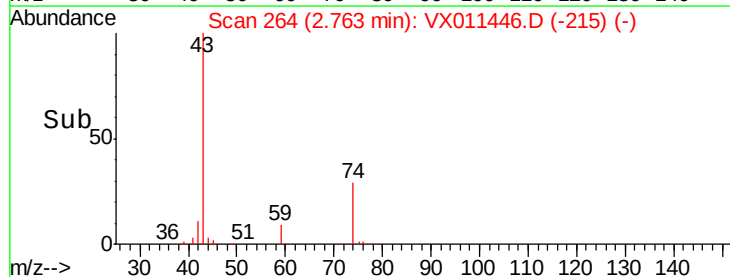
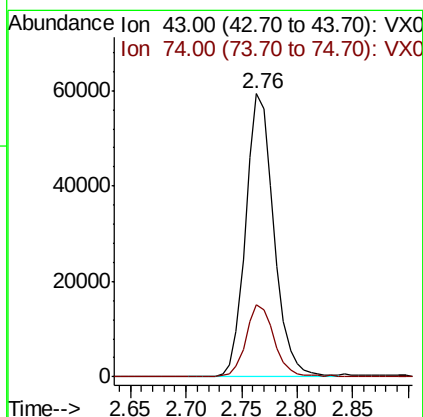
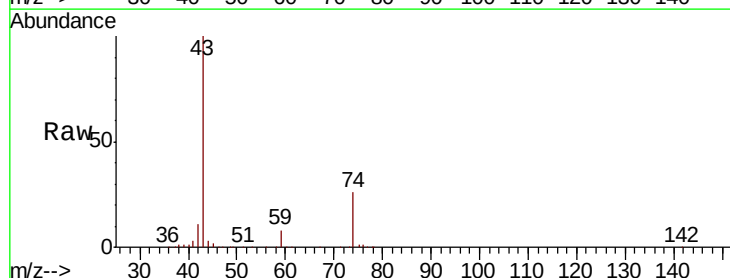
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

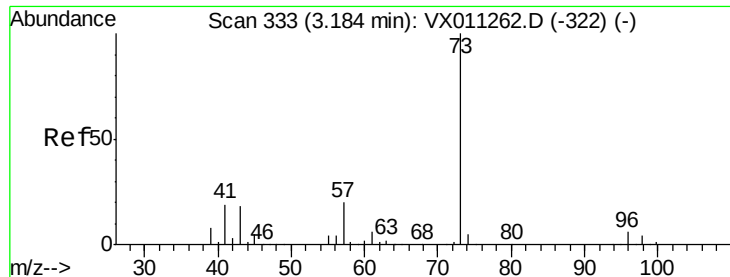
Tgt Ion: 76 Resp: 164983
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 58.646 ug/l
RT: 2.76 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX011446.D
Acq: 11 Aug 2019 21:42

Tgt Ion: 43 Resp: 104891
Ion Ratio Lower Upper
43 100
74 25.8 21.0 31.6

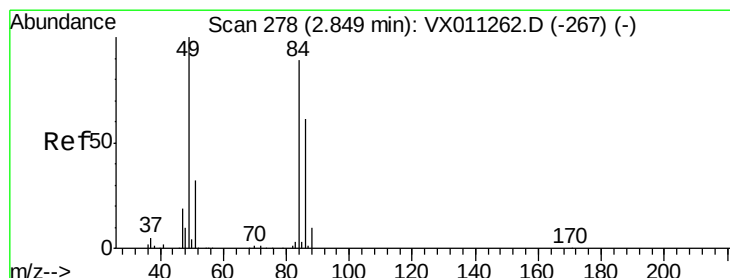
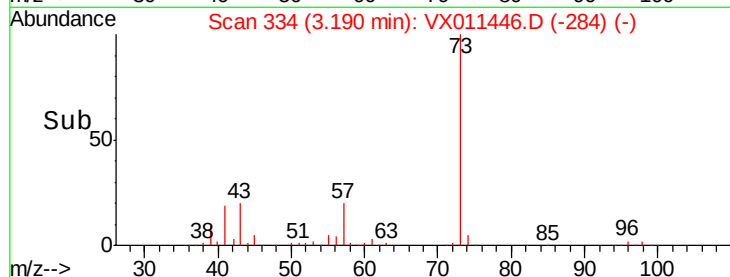
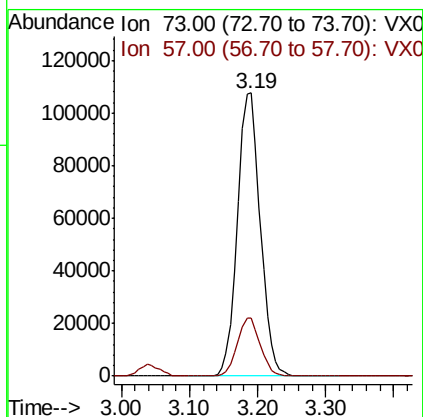
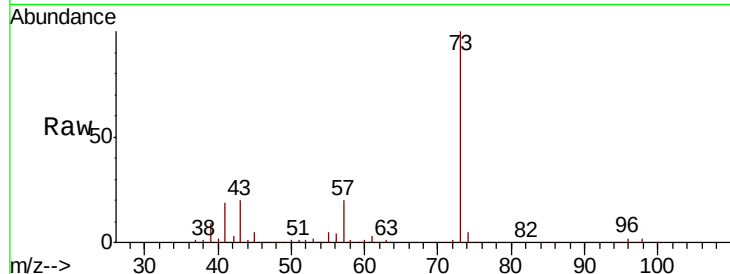




#19
Methyl tert-butyl Ether
Concen: 57.492 ug/l
RT: 3.19 min Scan# 334
Delta R.T. 0.01 min
Lab File: VX011446.D
Acq: 11 Aug 2019 21:42

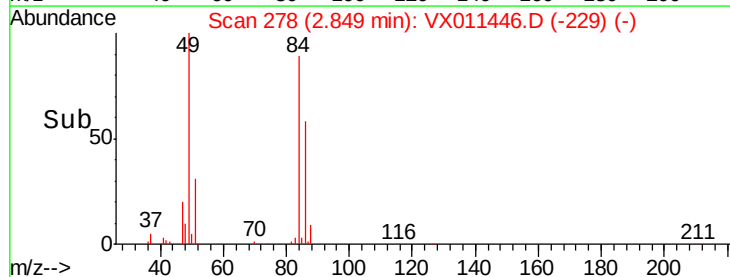
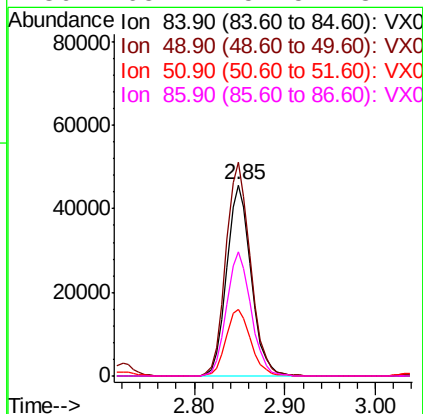
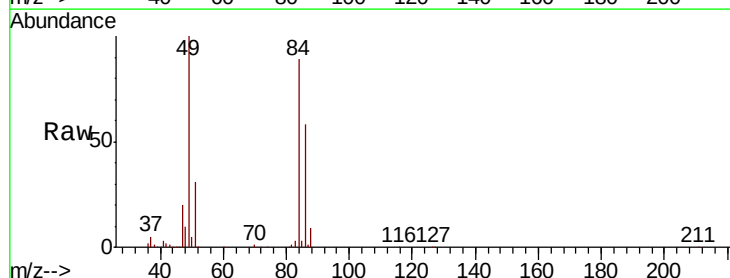
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

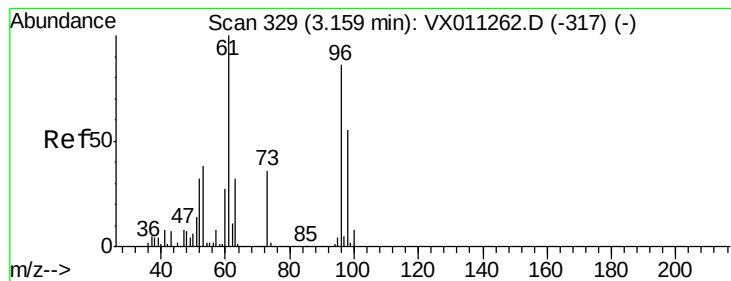
Tgt Ion: 73 Resp: 251686
Ion Ratio Lower Upper
73 100
57 20.4 16.2 24.2



#20
Methylene Chloride
Concen: 49.711 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011446.D
Acq: 11 Aug 2019 21:42

Tgt Ion: 84 Resp: 85205
Ion Ratio Lower Upper
84 100
49 111.8 89.3 133.9
51 34.7 28.3 42.5
86 65.1 54.5 81.7





#21

trans-1,2-Dichloroethene

Concen: 49.820 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.01 min

Lab File: VX011446.D

Acq: 11 Aug 2019 21:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

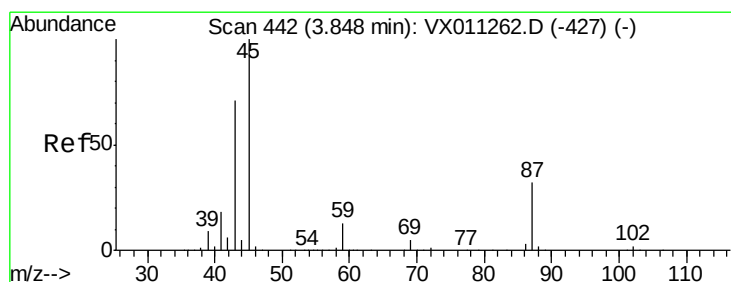
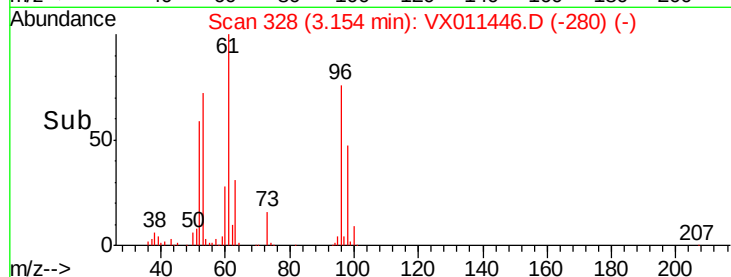
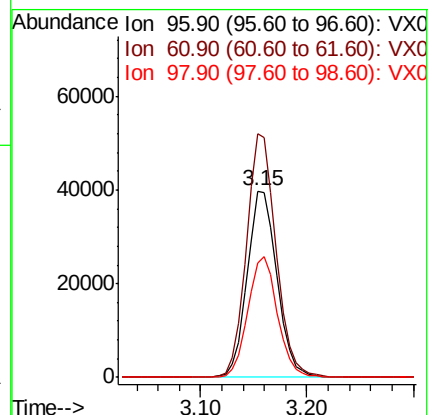
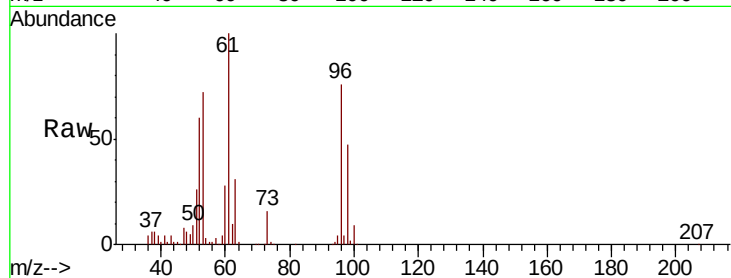
Tgt Ion: 96 Resp: 78289

Ion Ratio Lower Upper

96 100

61 130.8 92.8 139.2

98 61.4 51.2 76.8



#22

Diisopropyl ether

Concen: 55.931 ug/l

RT: 3.85 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX011446.D

Acq: 11 Aug 2019 21:42

Tgt Ion: 45 Resp: 243446

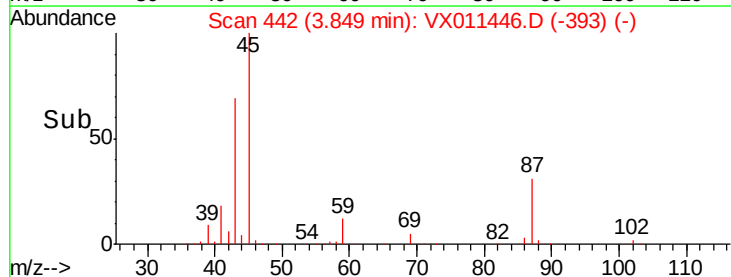
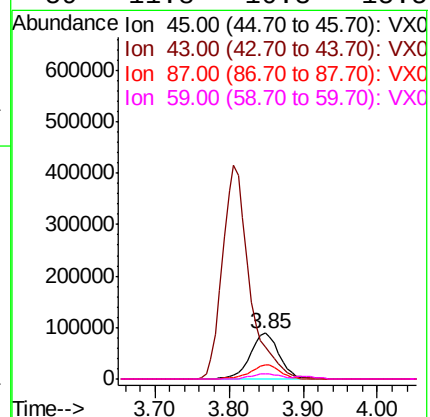
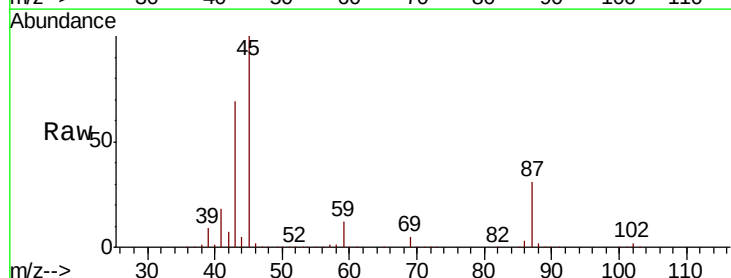
Ion Ratio Lower Upper

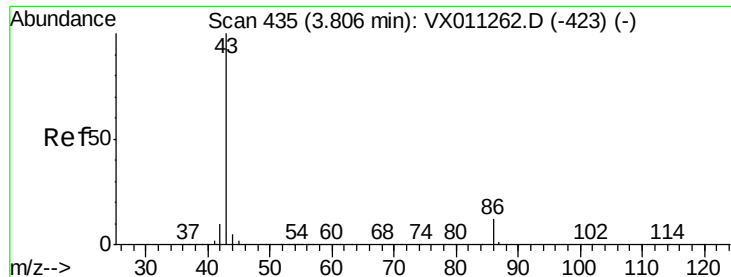
45 100

43 69.2 56.8 85.2

87 30.7 25.8 38.6

59 11.8 10.3 15.5





#23

Vinyl Acetate

Concen: 290.710 ug/l

RT: 3.81 min Scan# 435

Delta R.T. 0.00 min

Lab File: VX011446.D

Acq: 11 Aug 2019 21:42

Instrument :

MSVOA_X

ClientSampleId :

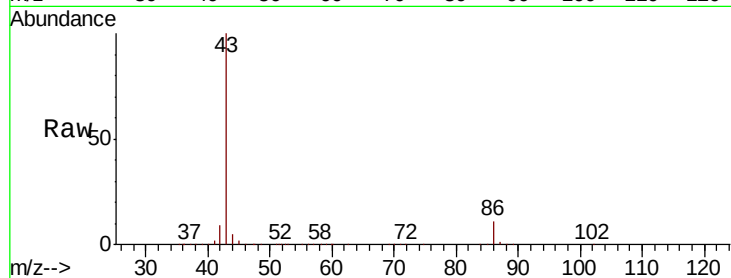
VSTDCCC050

Tgt Ion: 43 Resp: 1049488

Ion Ratio Lower Upper

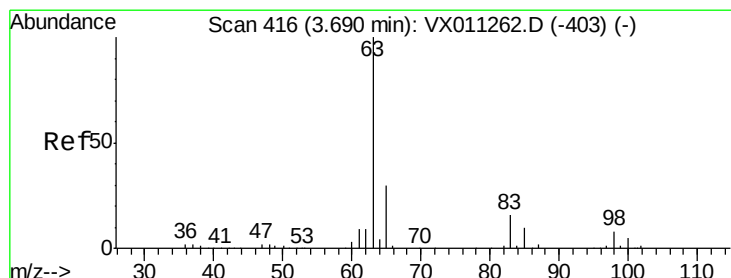
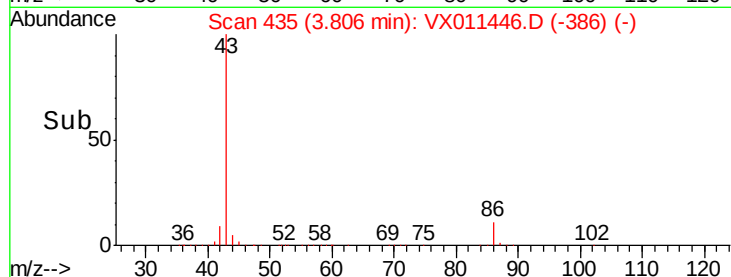
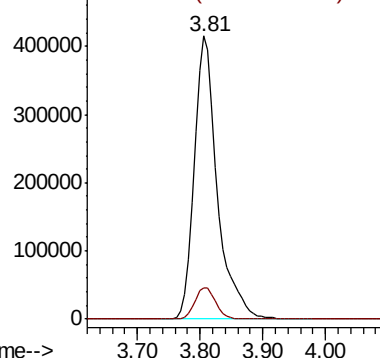
43 100

86 11.2 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: 54.829 ug/l

RT: 3.69 min Scan# 416

Delta R.T. 0.00 min

Lab File: VX011446.D

Acq: 11 Aug 2019 21:42

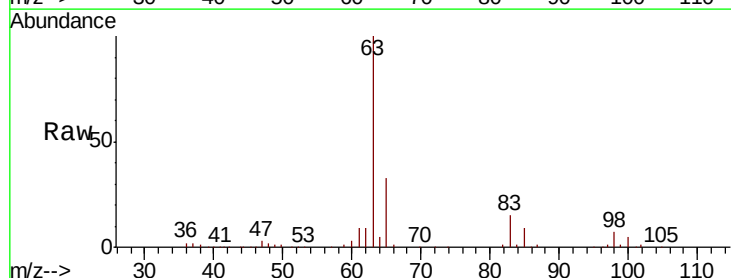
Tgt Ion: 63 Resp: 140721

Ion Ratio Lower Upper

63 100

98 7.1 3.9 11.5

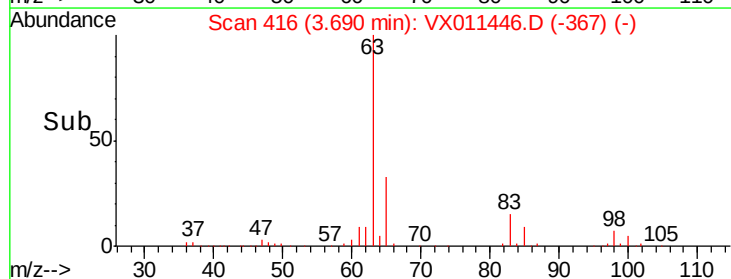
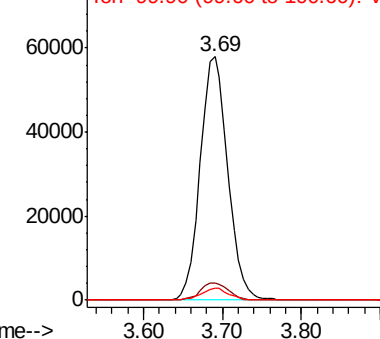
100 4.9 2.7 8.1

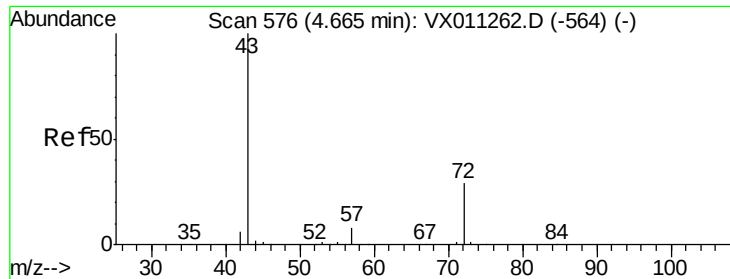


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 271.550 ug/l

RT: 4.67 min Scan# 576

Delta R.T. 0.00 min

Lab File: VX011446.D

Acq: 11 Aug 2019 21:42

Instrument :

MSVOA_X

ClientSampleId :

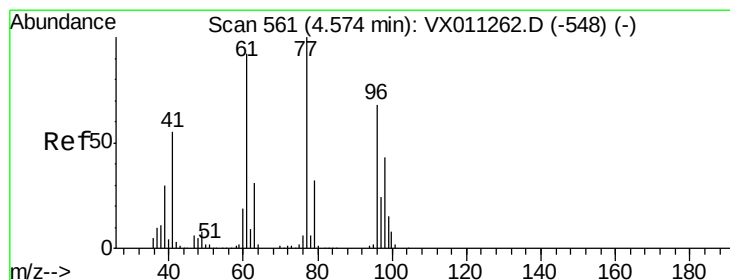
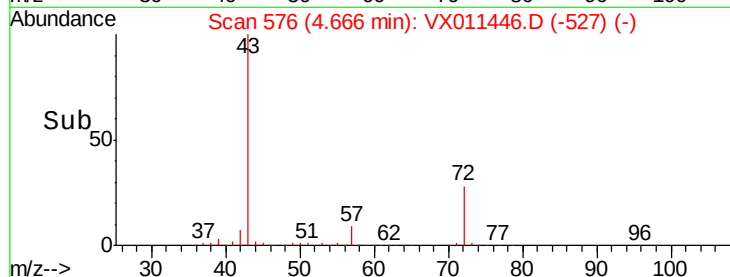
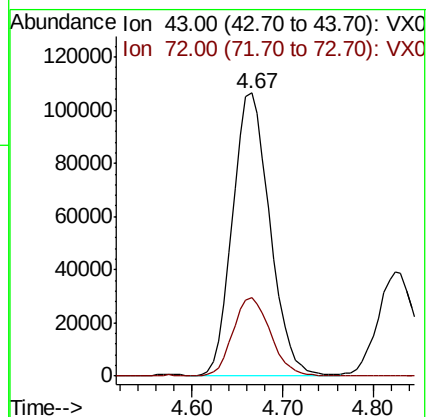
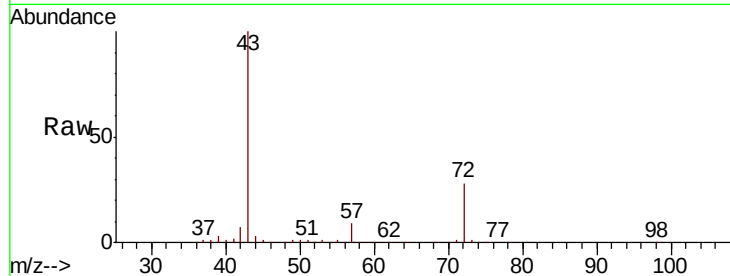
VSTDCCC050

Tgt Ion: 43 Resp: 302316

Ion Ratio Lower Upper

43 100

72 27.9 23.2 34.8



#26

2,2-Dichloropropane

Concen: 45.045 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.01 min

Lab File: VX011446.D

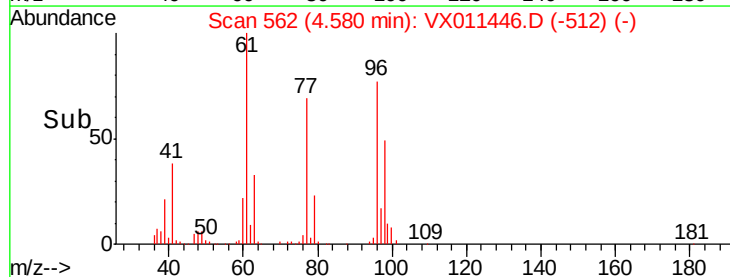
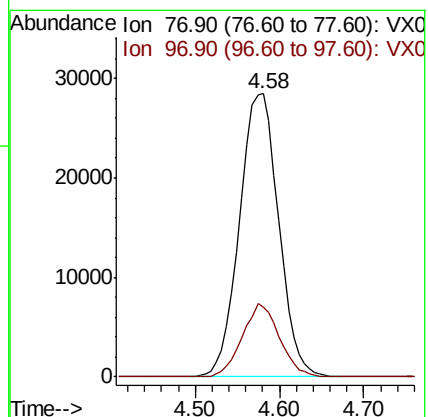
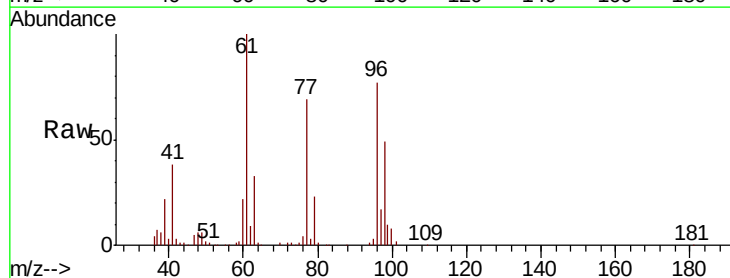
Acq: 11 Aug 2019 21:42

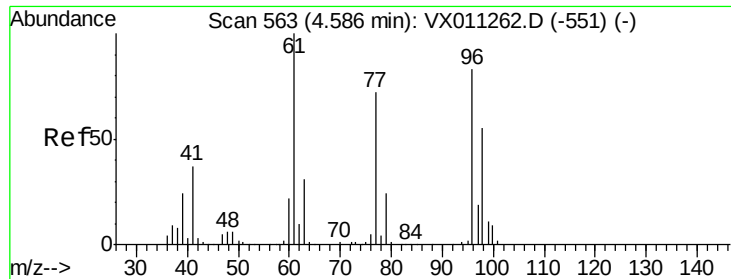
Tgt Ion: 77 Resp: 89870

Ion Ratio Lower Upper

77 100

97 24.6 12.8 38.4



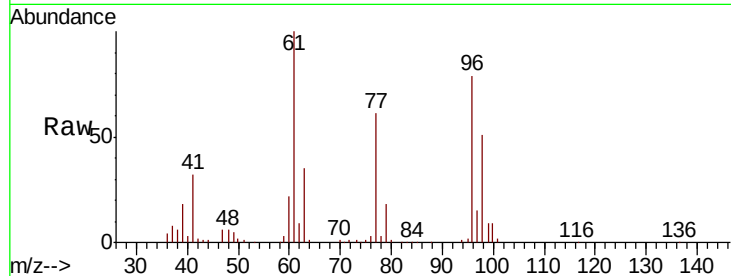


#27

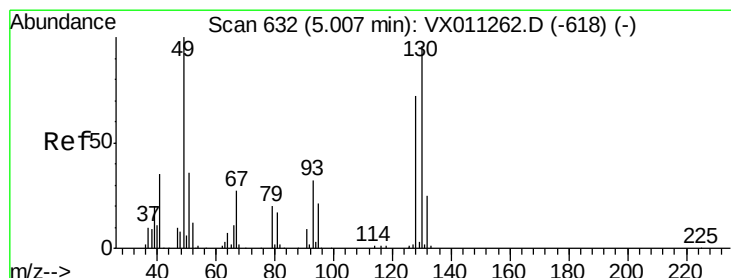
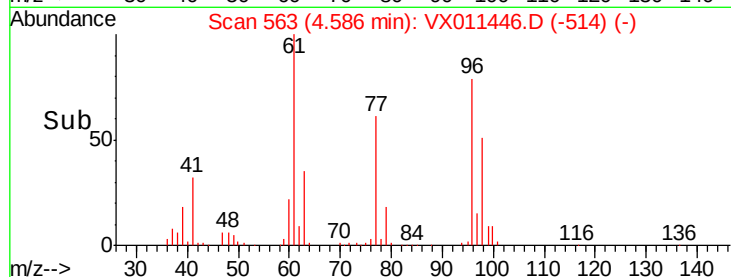
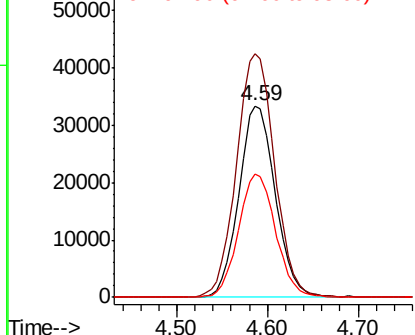
cis-1,2-Dichloroethene
 Concen: 51.362 ug/l
 RT: 4.59 min Scan# 563
 Delta R.T. 0.00 min
 Lab File: VX011446.D
 Acq: 11 Aug 2019 21:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 92966
 Ion Ratio Lower Upper
 96 100
 61 133.4 0.0 260.2
 98 65.5 0.0 133.2



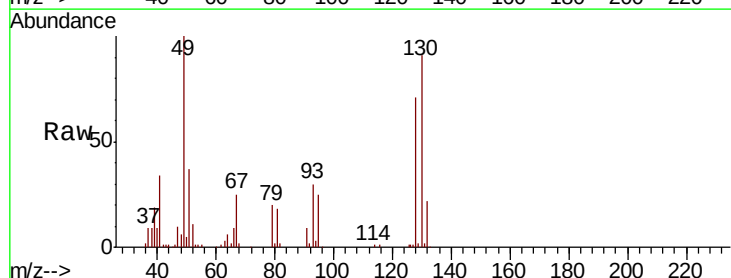
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



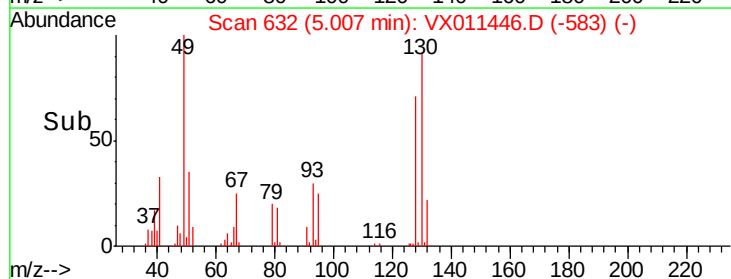
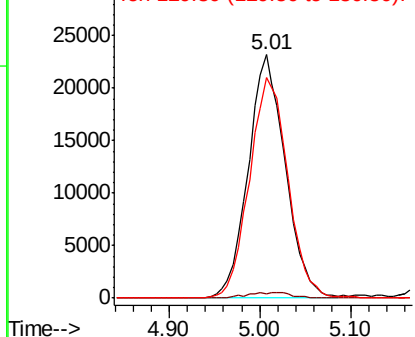
#28

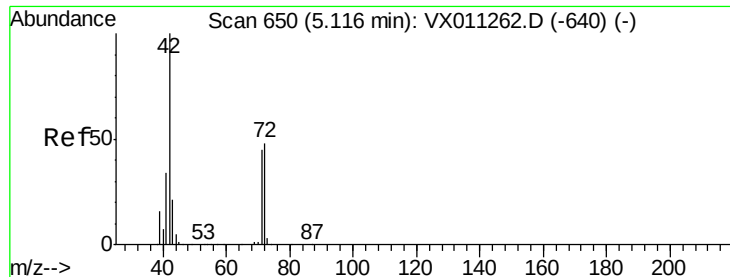
Bromochloromethane
 Concen: 56.053 ug/l
 RT: 5.01 min Scan# 632
 Delta R.T. 0.00 min
 Lab File: VX011446.D
 Acq: 11 Aug 2019 21:42

Tgt Ion: 49 Resp: 65585
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 5.8
 130 93.7 77.9 116.9



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





#29

Tetrahydrofuran

Concen: 280.355 ug/l

RT: 5.12 min Scan# 651

Delta R.T. 0.01 min

Lab File: VX011446.D

Acq: 11 Aug 2019 21:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

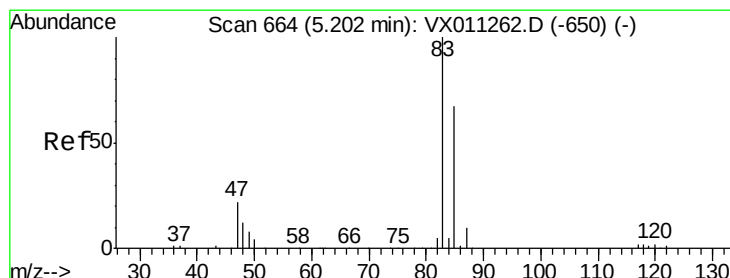
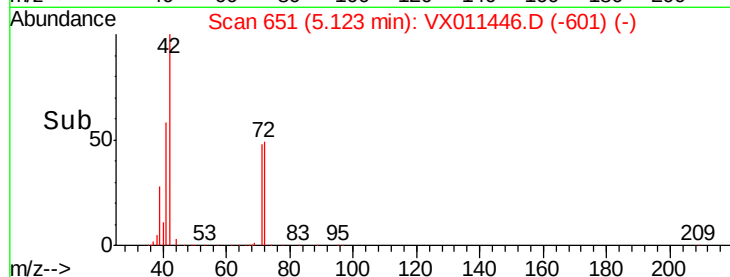
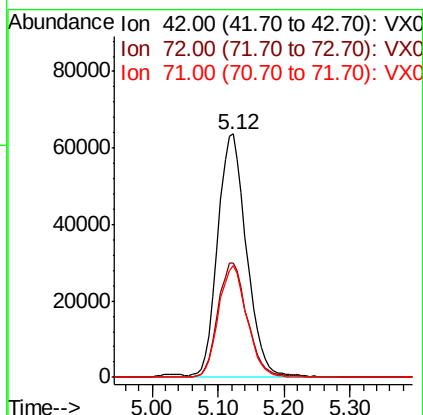
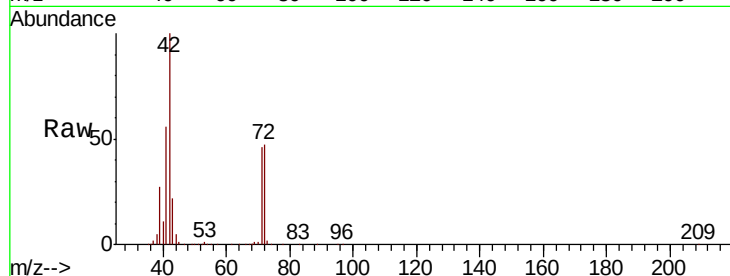
Tgt Ion: 42 Resp: 191375

Ion Ratio Lower Upper

42 100

72 48.5 39.9 59.9

71 45.3 36.9 55.3



#30

Chloroform

Concen: 55.615 ug/l

RT: 5.20 min Scan# 664

Delta R.T. 0.00 min

Lab File: VX011446.D

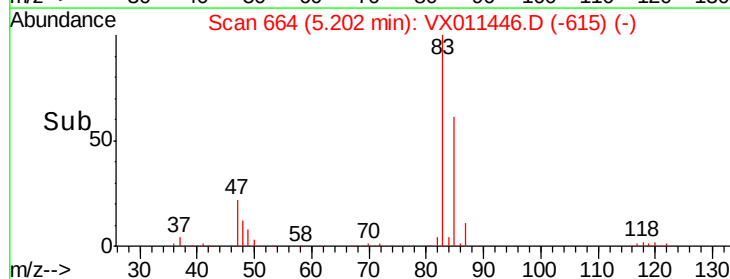
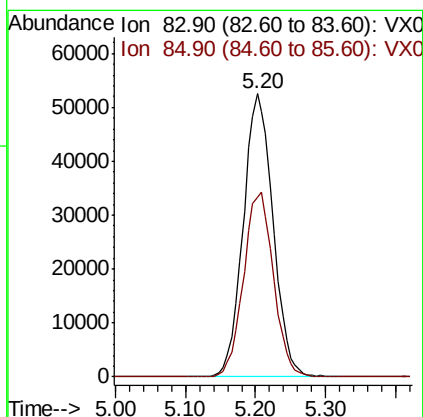
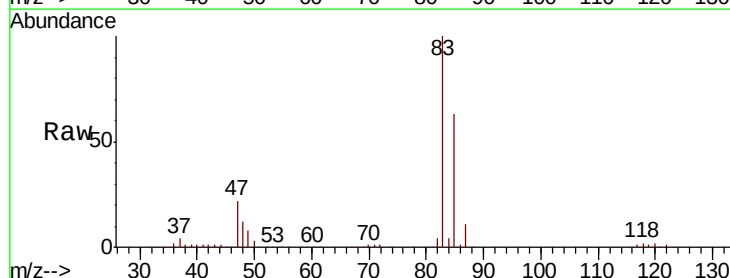
Acq: 11 Aug 2019 21:42

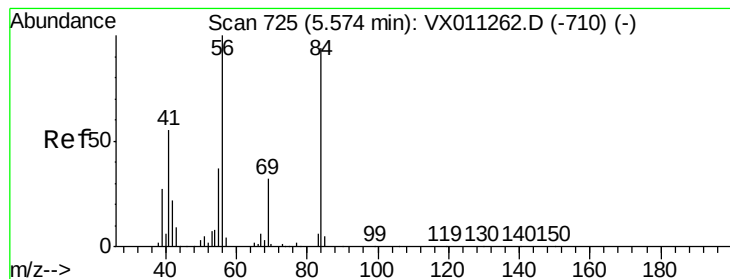
Tgt Ion: 83 Resp: 155137

Ion Ratio Lower Upper

83 100

85 63.3 53.4 80.0





#31

Cyclohexane

Concen: 51.338 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX011446.D

Acq: 11 Aug 2019 21:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

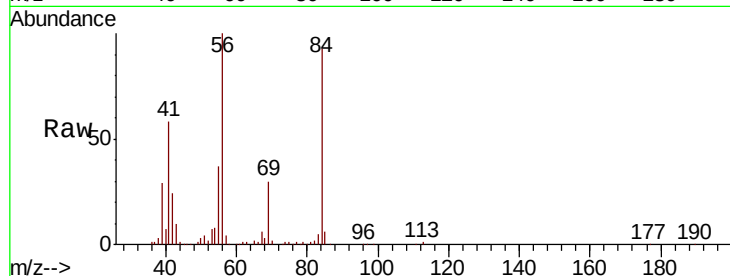
Tgt Ion: 56 Resp: 108706

Ion Ratio Lower Upper

56 100

69 29.7 25.5 38.3

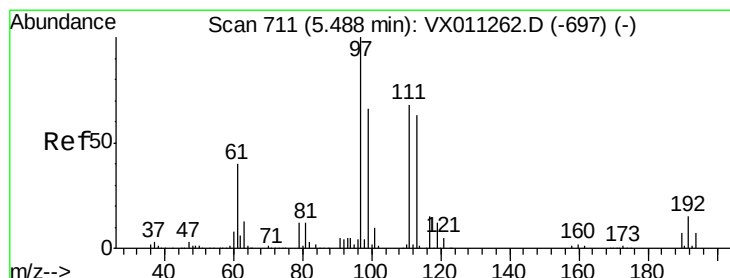
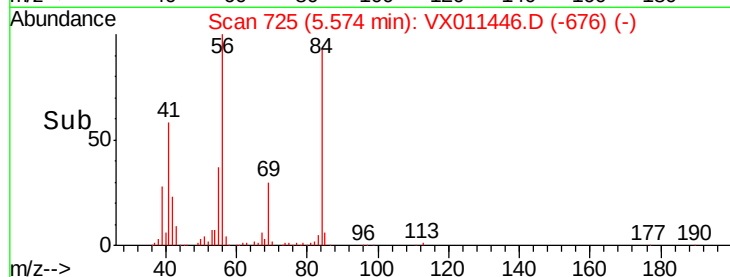
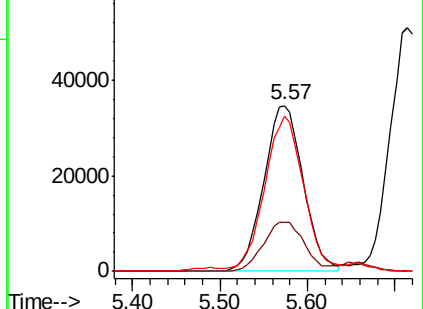
84 92.1 75.0 112.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 57.733 ug/l

RT: 5.49 min Scan# 711

Delta R.T. 0.00 min

Lab File: VX011446.D

Acq: 11 Aug 2019 21:42

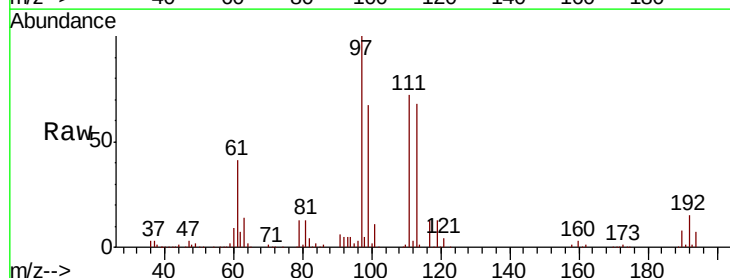
Tgt Ion: 97 Resp: 137958

Ion Ratio Lower Upper

97 100

99 64.8 51.6 77.4

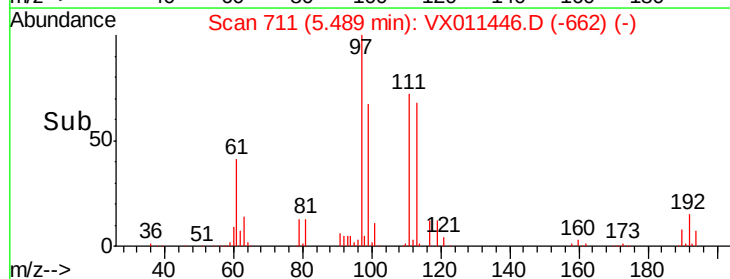
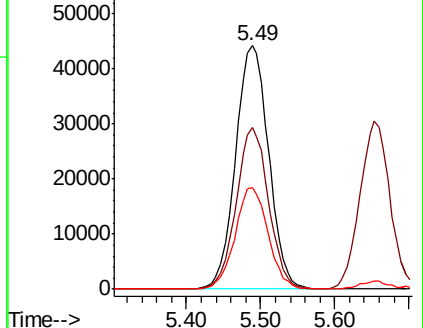
61 41.8 32.3 48.5

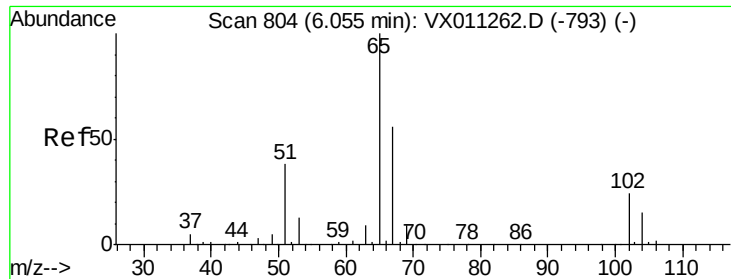


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

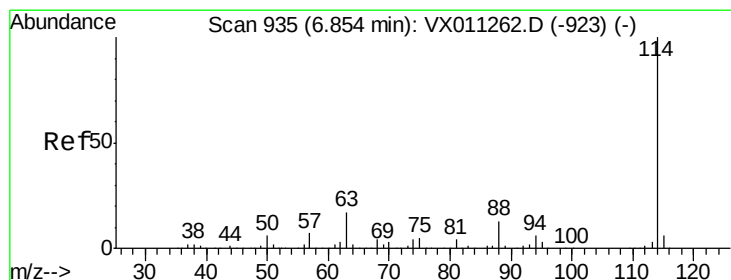
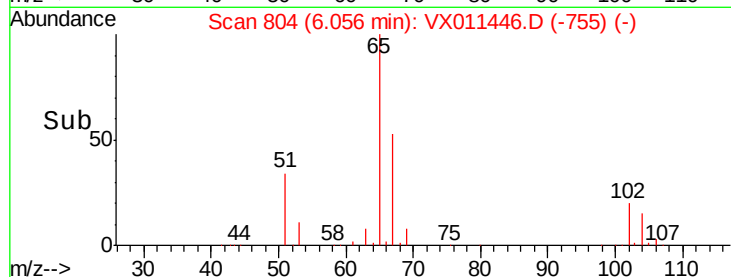
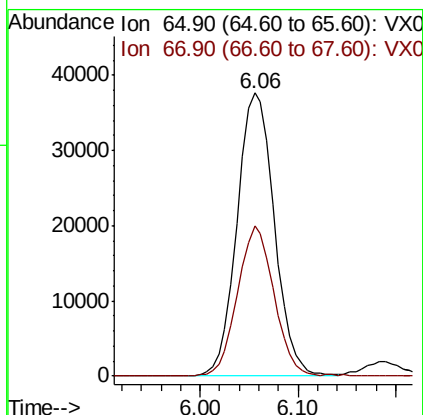
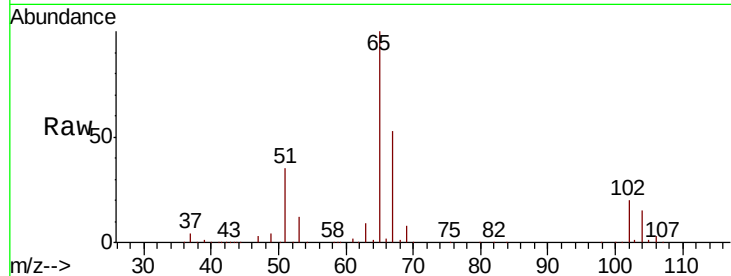




#33
 1,2-Dichloroethane-d4
 Concen: 60.773 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX011446.D
 Acq: 11 Aug 2019 21:42

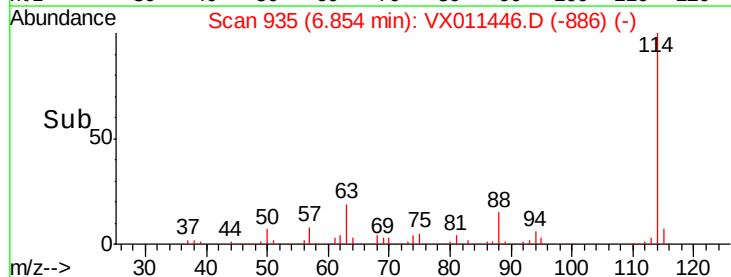
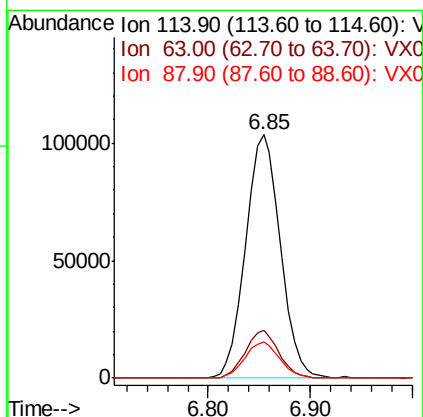
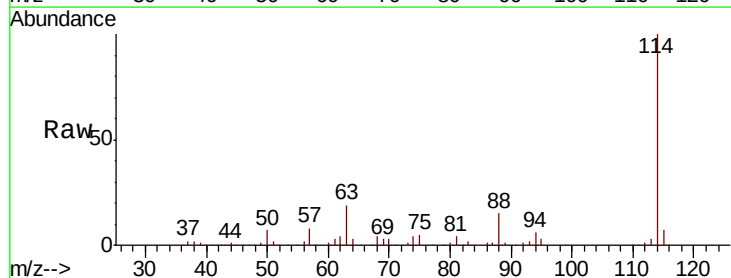
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

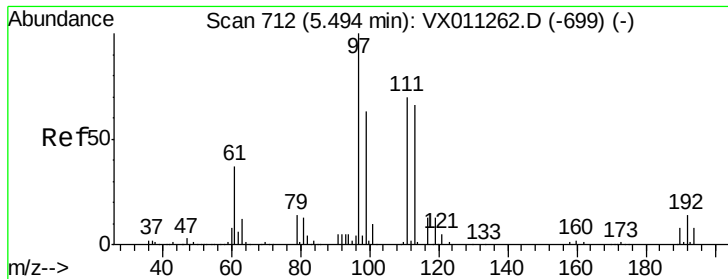
Tgt Ion: 65 Resp: 99926
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011446.D
 Acq: 11 Aug 2019 21:42

Tgt Ion: 114 Resp: 245793
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 34.0
 88 15.0 0.0 26.4

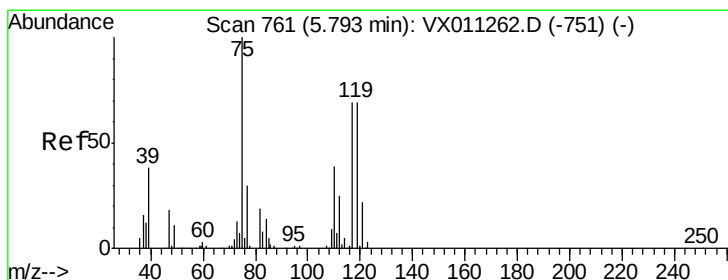
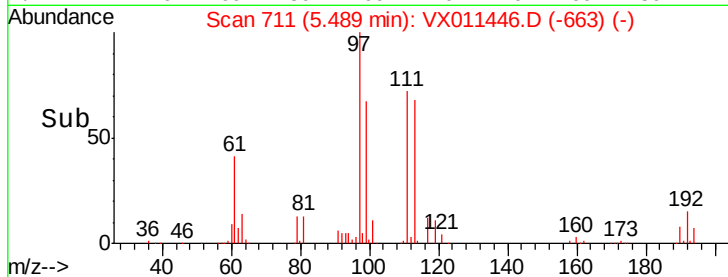
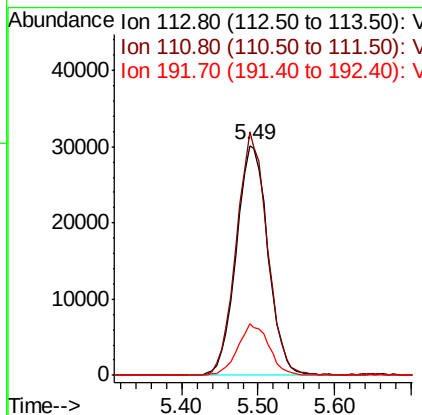
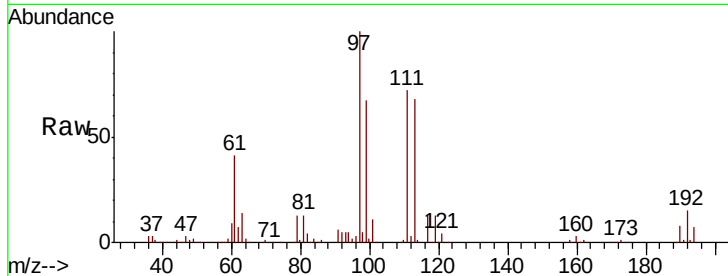




#35
 Dibromofluoromethane
 Concen: 53.982 ug/l
 RT: 5.49 min Scan# 711
 Delta R.T. -0.01 min
 Lab File: VX011446.D
 Acq: 11 Aug 2019 21:42

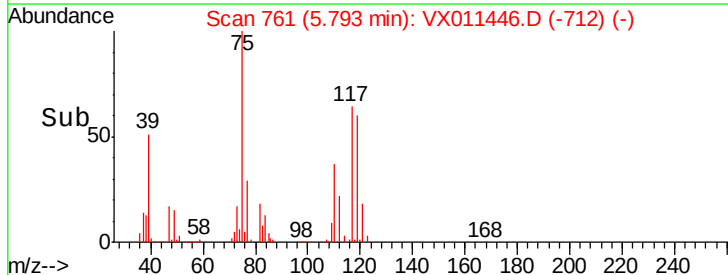
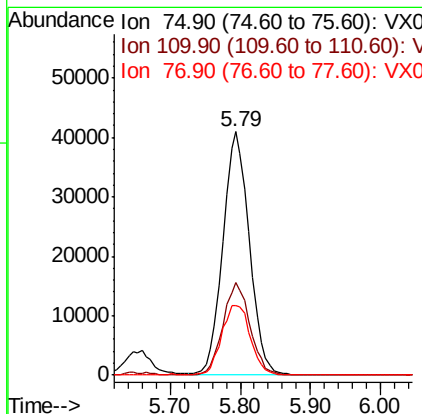
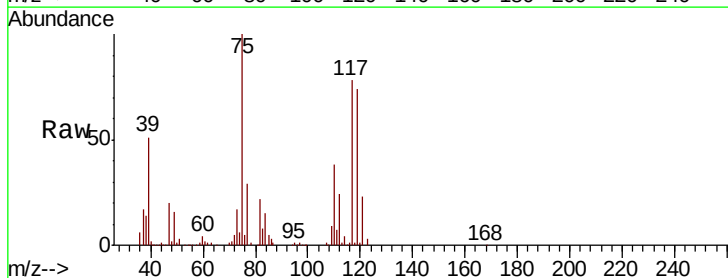
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

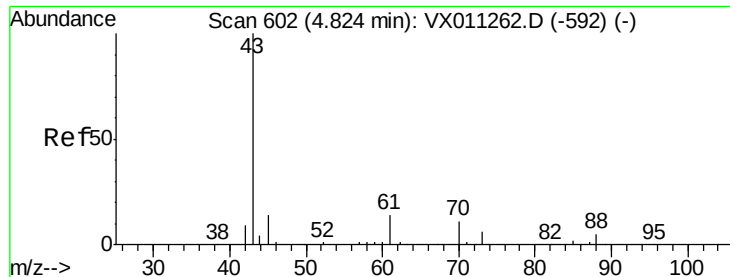
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.9	122.9
192	22.1	17.8	26.8



#36
 1,1-Dichloropropene
 Concen: 50.446 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. 0.00 min
 Lab File: VX011446.D
 Acq: 11 Aug 2019 21:42

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.5	20.0	59.9
77	31.1	24.8	37.2





#37

Ethyl Acetate

Concen: 53.659 ug/l

RT: 4.82 min Scan# 602

Delta R.T. 0.00 min

Lab File: VX011446.D

Acq: 11 Aug 2019 21:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

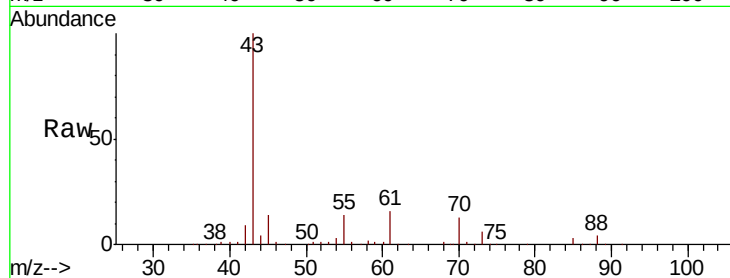
Tgt Ion: 43 Resp: 115506

Ion Ratio Lower Upper

43 100

61 14.8 12.6 18.8

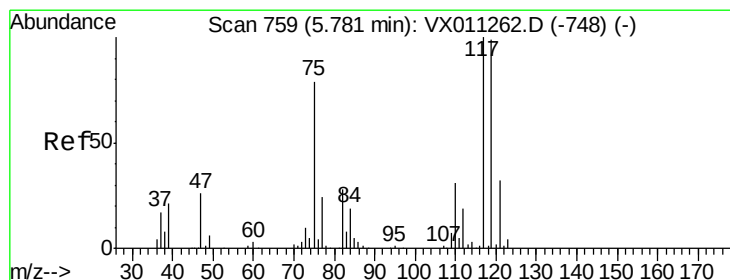
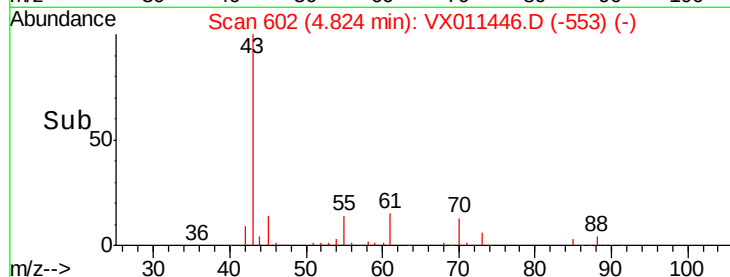
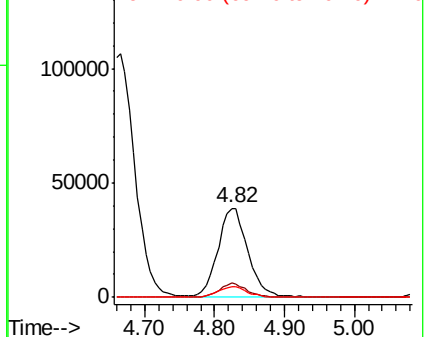
70 11.7 9.1 13.7



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: 56.153 ug/l

RT: 5.78 min Scan# 759

Delta R.T. 0.00 min

Lab File: VX011446.D

Acq: 11 Aug 2019 21:42

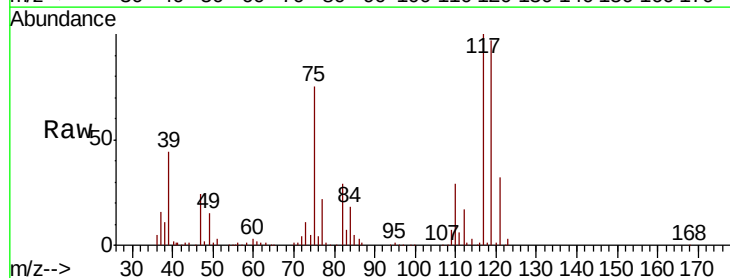
Tgt Ion: 117 Resp: 121236

Ion Ratio Lower Upper

117 100

119 97.0 79.0 118.4

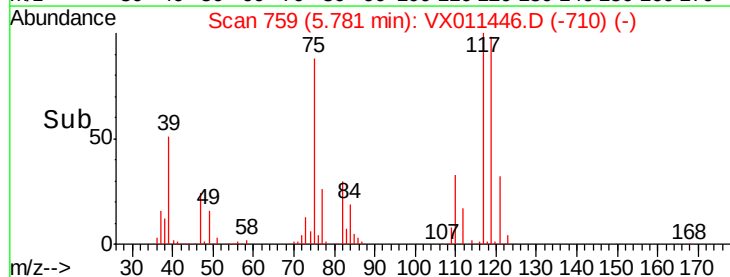
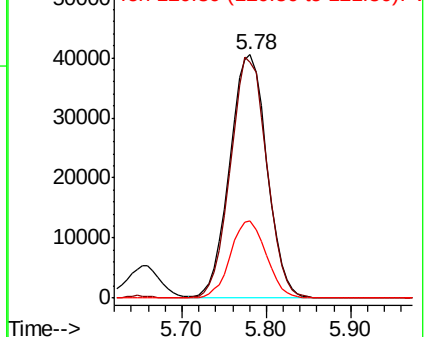
121 31.8 25.9 38.9

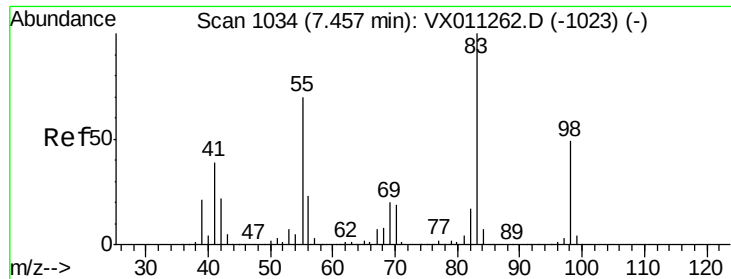


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

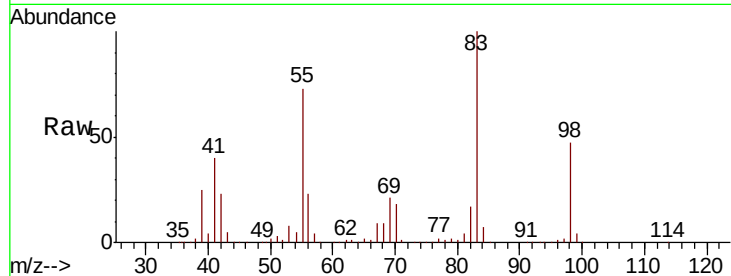




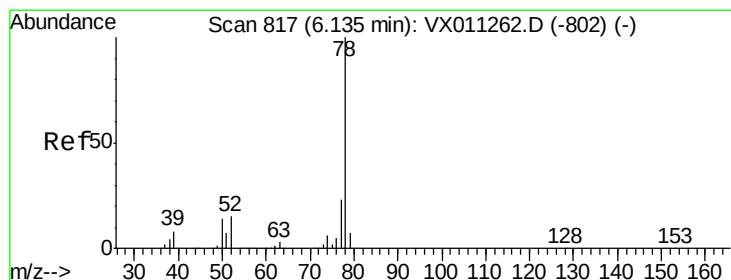
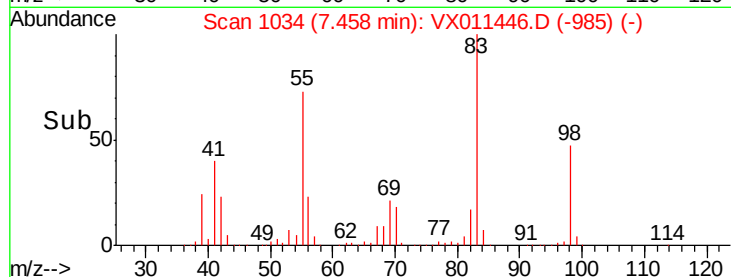
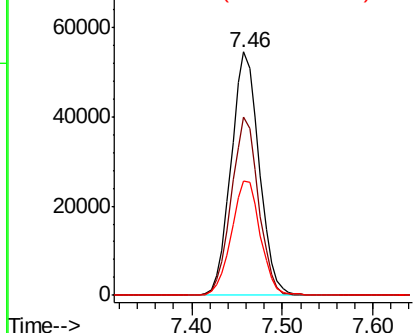
#39
Methylcyclohexane
Concen: 46.123 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX011446.D
Acq: 11 Aug 2019 21:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 117324
Ion Ratio Lower Upper
83 100
55 73.0 56.1 84.1
98 47.2 39.0 58.4

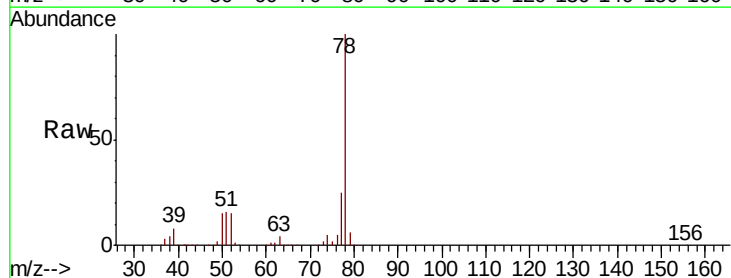


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

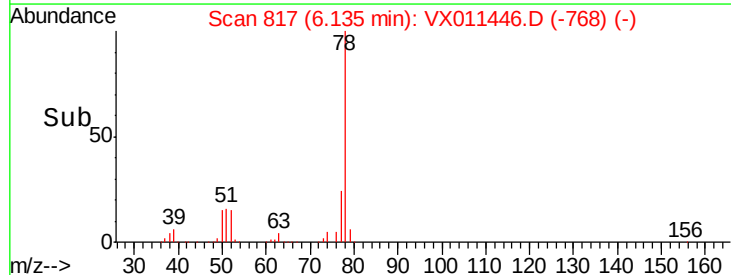
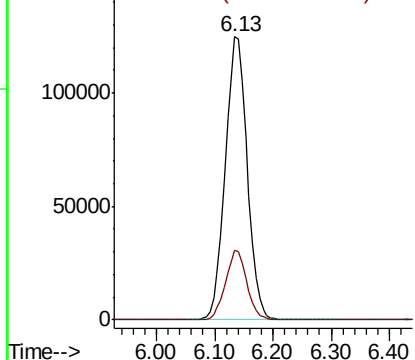


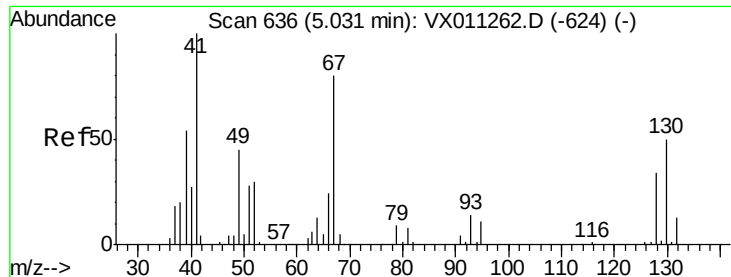
#40
Benzene
Concen: 51.093 ug/l
RT: 6.13 min Scan# 817
Delta R.T. 0.00 min
Lab File: VX011446.D
Acq: 11 Aug 2019 21:42

Tgt Ion: 78 Resp: 327191
Ion Ratio Lower Upper
78 100
77 24.6 18.2 27.2



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

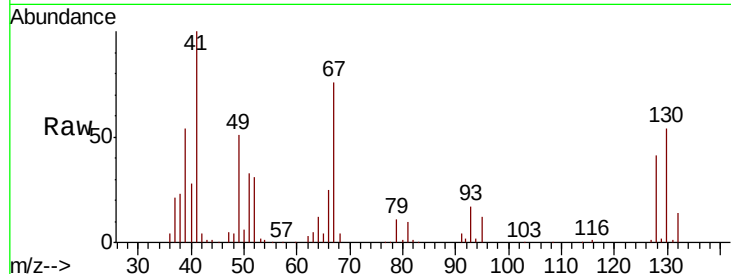




#41
Methacrylonitrile
Concen: 53.318 ug/l
RT: 5.03 min Scan# 636
Delta R.T. 0.00 min
Lab File: VX011446.D
Acq: 11 Aug 2019 21:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	62681
Ion	Ratio	Lower	Upper
41	100		
39	55.7	43.0	64.6
67	79.3	65.1	97.7
52	32.3	24.8	37.2



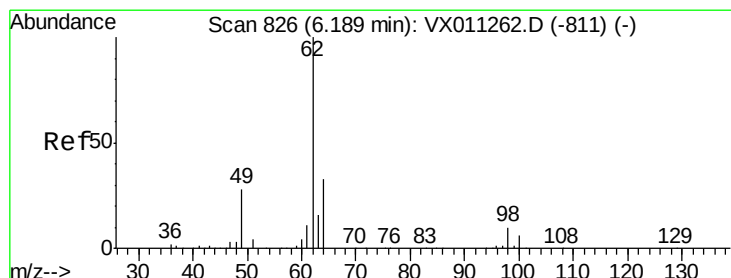
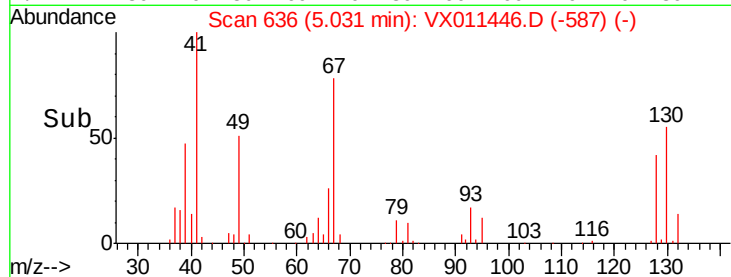
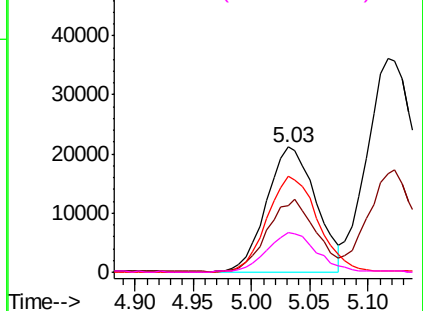
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

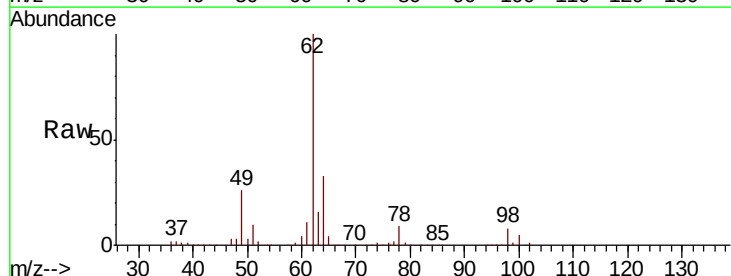
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 57.297 ug/l
RT: 6.18 min Scan# 825
Delta R.T. -0.01 min
Lab File: VX011446.D
Acq: 11 Aug 2019 21:42

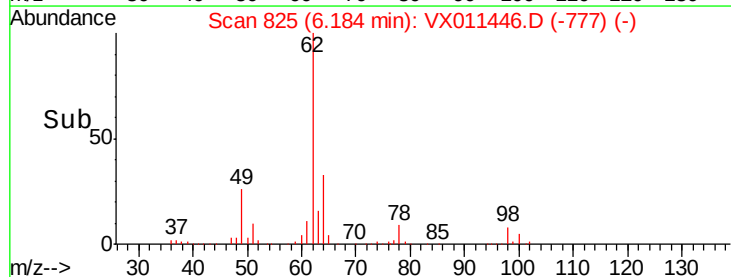
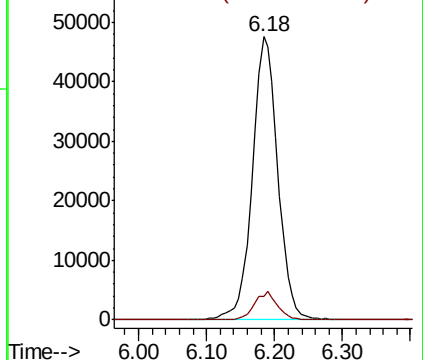
Tgt Ion:	62	Resp:	124074
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	20.6

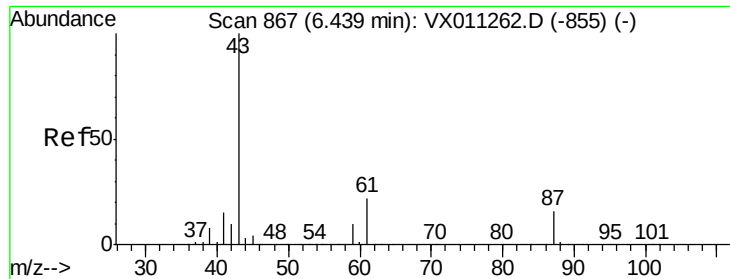


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 54.302 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: VX011446.D

Acq: 11 Aug 2019 21:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

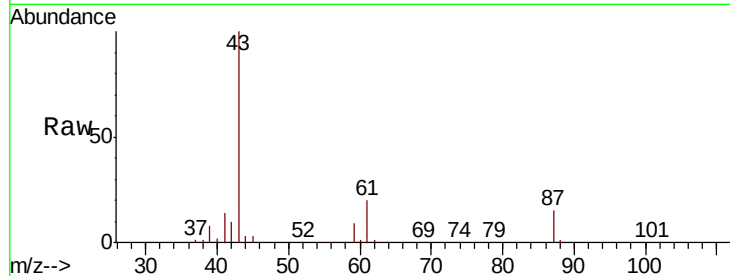
Tgt Ion: 43 Resp: 186881

Ion Ratio Lower Upper

43 100

61 20.5 16.5 24.7

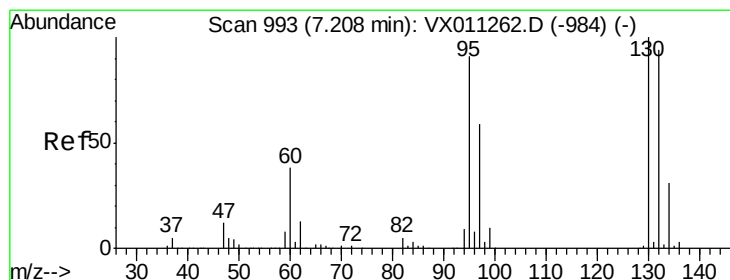
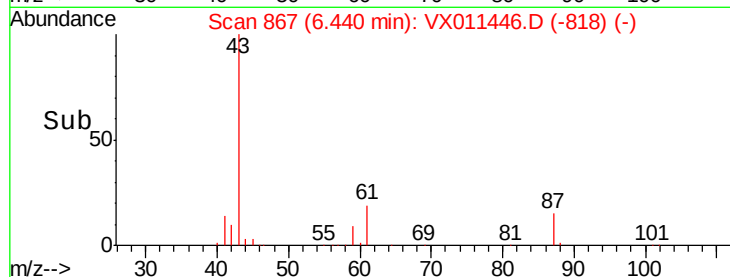
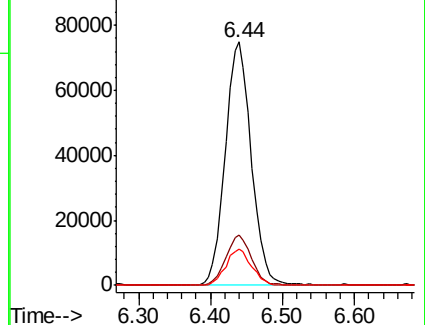
87 14.8 12.1 18.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 49.557 ug/l

RT: 7.21 min Scan# 993

Delta R.T. 0.00 min

Lab File: VX011446.D

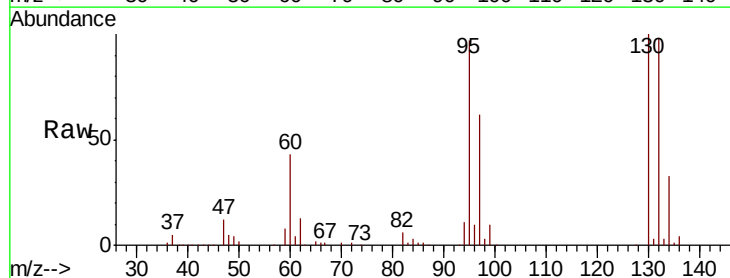
Acq: 11 Aug 2019 21:42

Tgt Ion: 130 Resp: 96059

Ion Ratio Lower Upper

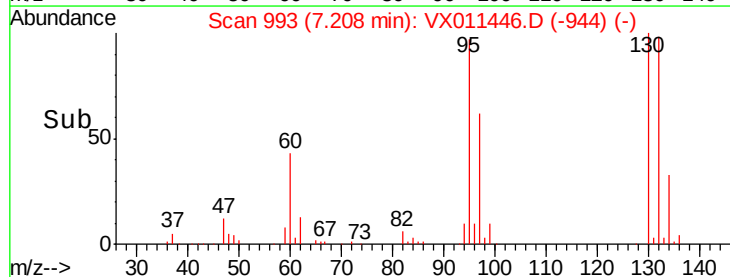
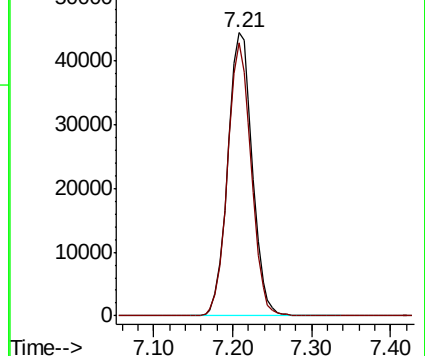
130 100

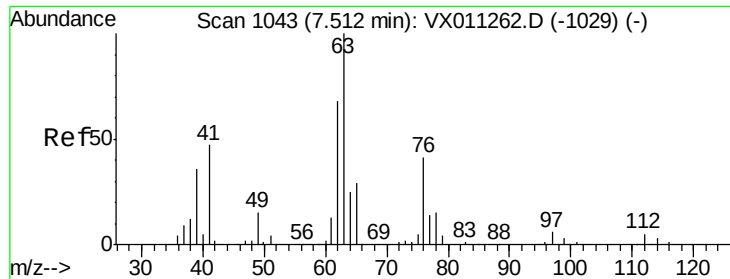
95 96.7 0.0 182.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

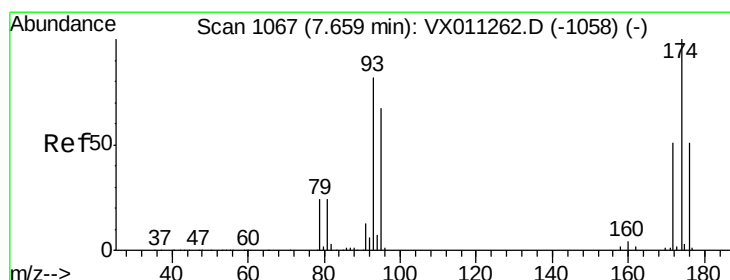
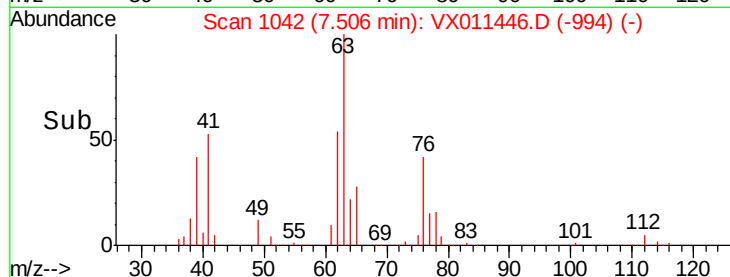
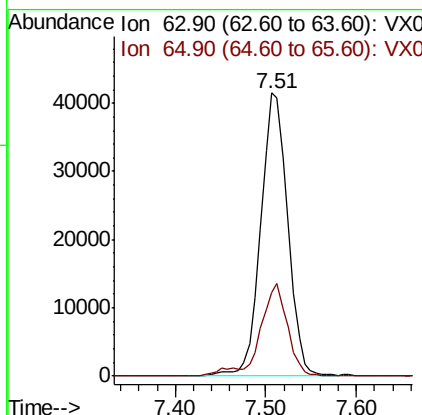
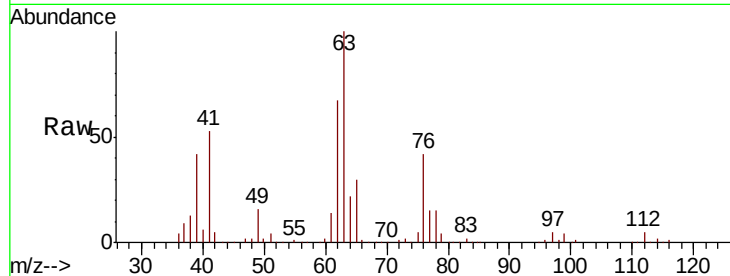




#45
 1,2-Dichloropropane
 Concen: 51.666 ug/l
 RT: 7.51 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX011446.D
 Acq: 11 Aug 2019 21:42

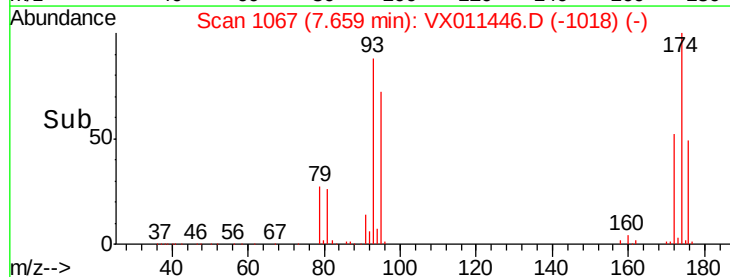
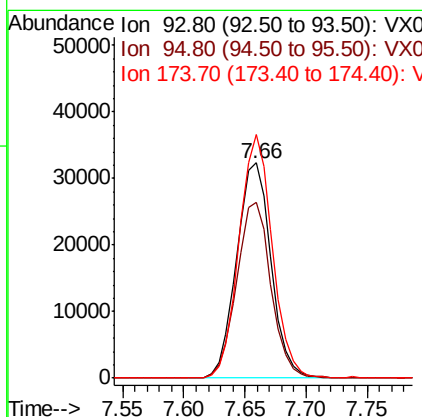
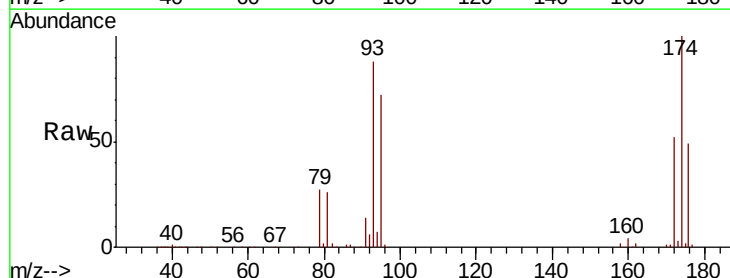
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

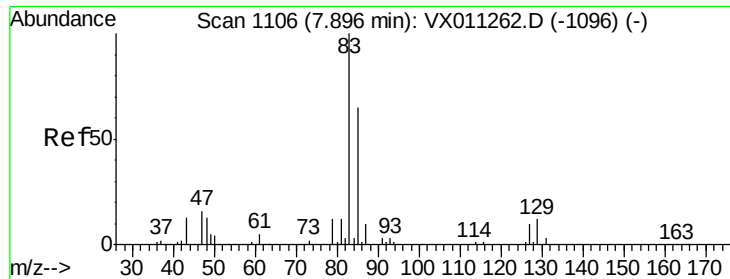
Tgt Ion: 63 Resp: 85687
 Ion Ratio Lower Upper
 63 100
 65 29.8 23.3 34.9



#46
 Dibromomethane
 Concen: 52.229 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX011446.D
 Acq: 11 Aug 2019 21:42

Tgt Ion: 93 Resp: 63234
 Ion Ratio Lower Upper
 93 100
 95 81.4 66.4 99.6
 174 109.1 93.4 140.2





#47

Bromodichloromethane

Concen: 57.845 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX011446.D

Acq: 11 Aug 2019 21:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

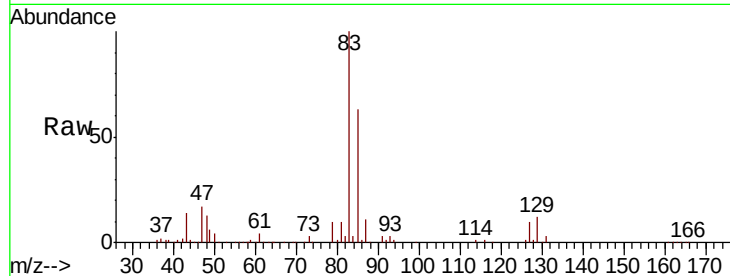
Tgt Ion: 83 Resp: 118573

Ion Ratio Lower Upper

83 100

85 63.0 52.2 78.2

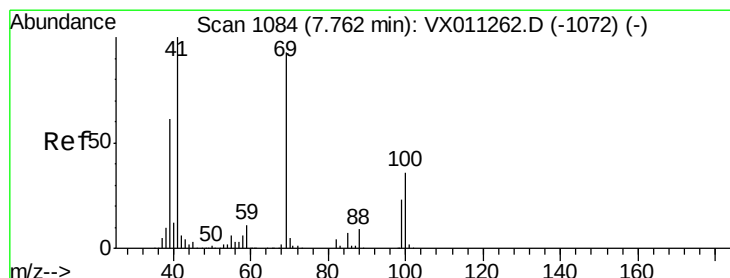
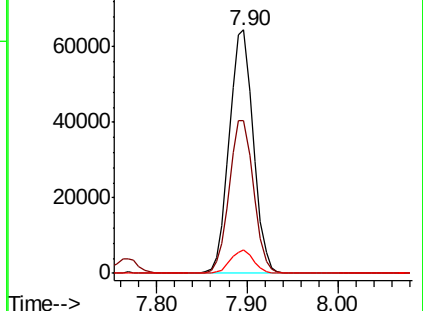
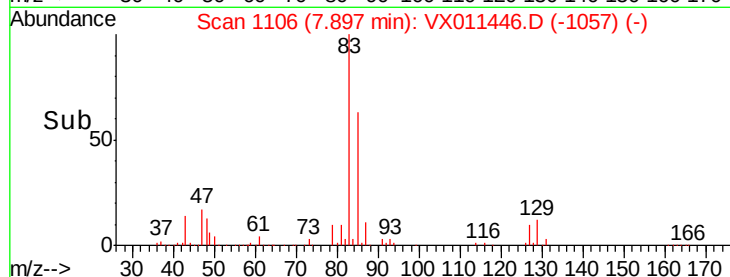
127 9.6 7.8 11.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 58.109 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.01 min

Lab File: VX011446.D

Acq: 11 Aug 2019 21:42

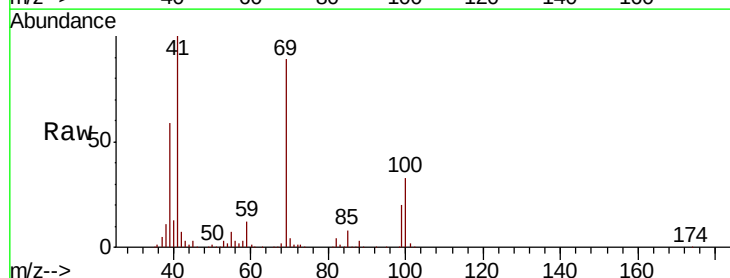
Tgt Ion: 41 Resp: 94114

Ion Ratio Lower Upper

41 100

69 88.3 74.5 111.7

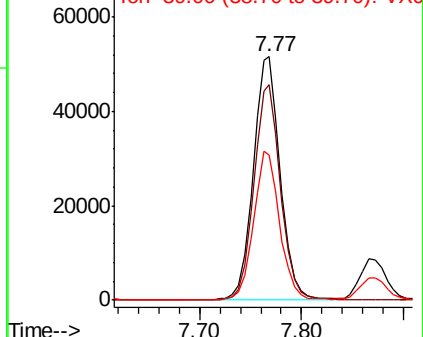
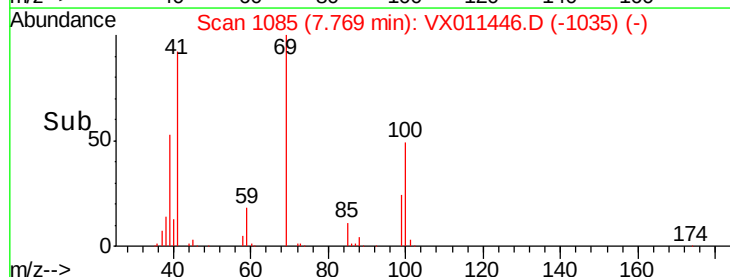
39 60.1 48.6 72.8

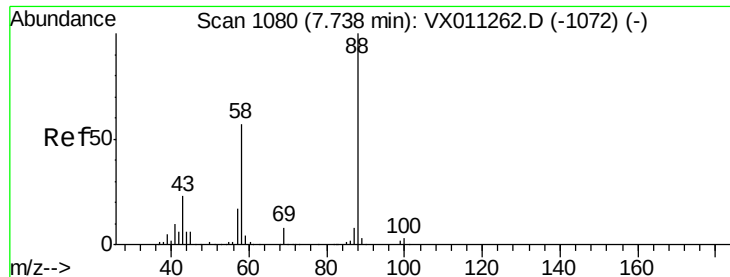


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

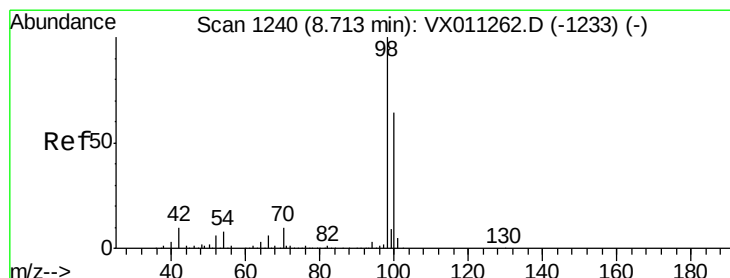
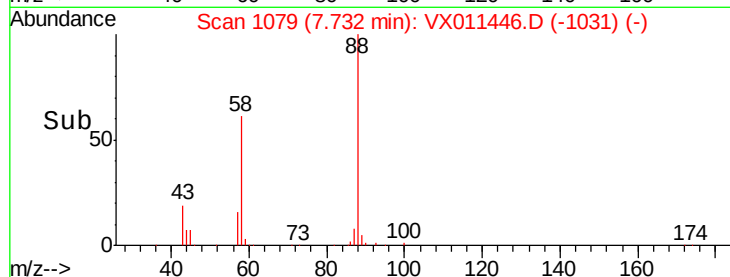
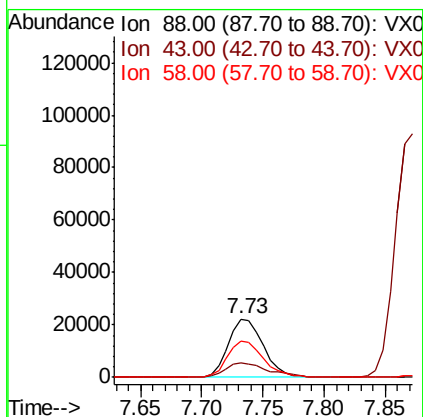
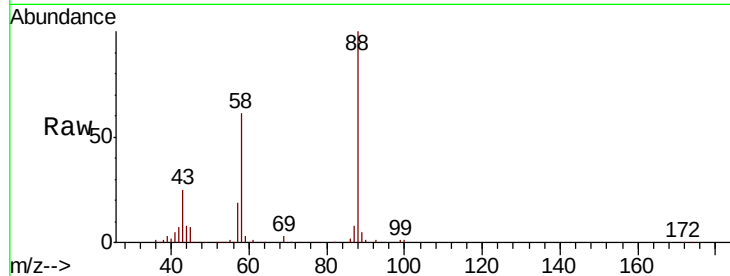




#49
1,4-Dioxane
Concen: 939.681 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. -0.01 min
Lab File: VX011446.D
Acq: 11 Aug 2019 21:42

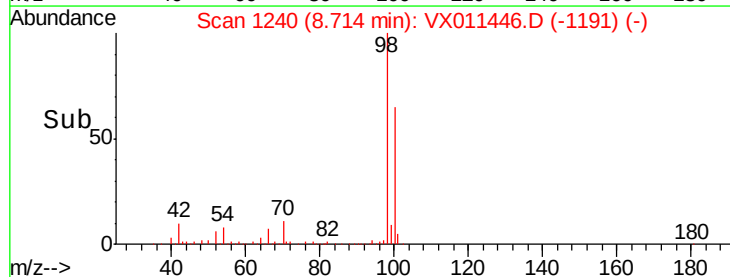
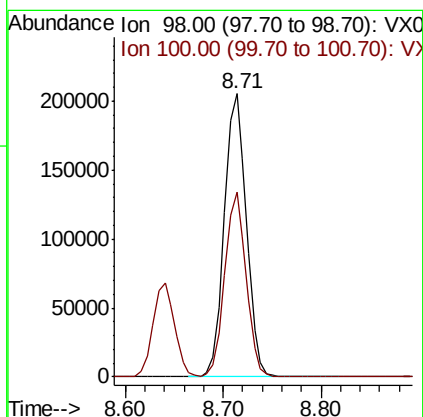
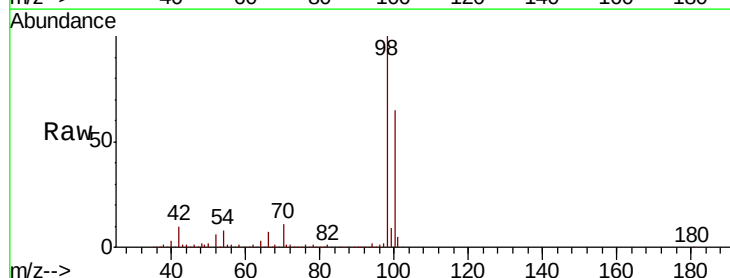
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

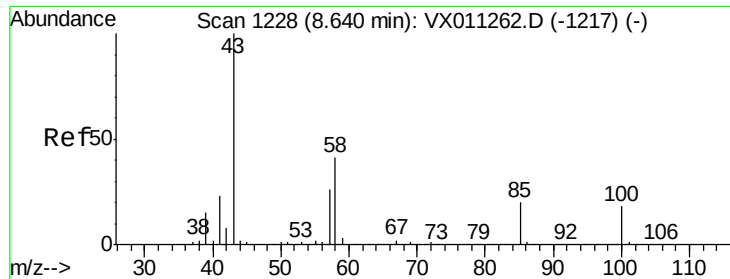
Tgt Ion: 88 Resp: 44122
Ion Ratio Lower Upper
88 100
43 29.7 22.2 33.2
58 64.7 47.8 71.8



#50
Toluene-d8
Concen: 52.866 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011446.D
Acq: 11 Aug 2019 21:42

Tgt Ion: 98 Resp: 320228
Ion Ratio Lower Upper
98 100
100 63.3 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 282.432 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX011446.D

Acq: 11 Aug 2019 21:42

Instrument :

MSVOA_X

ClientSampleId :

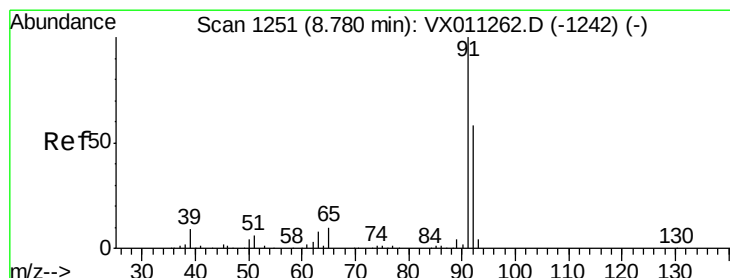
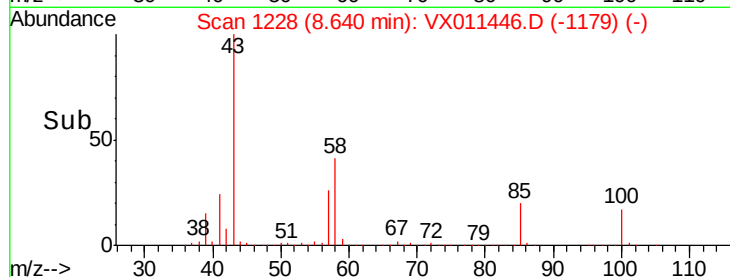
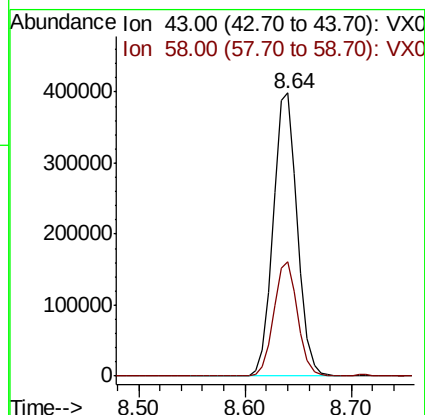
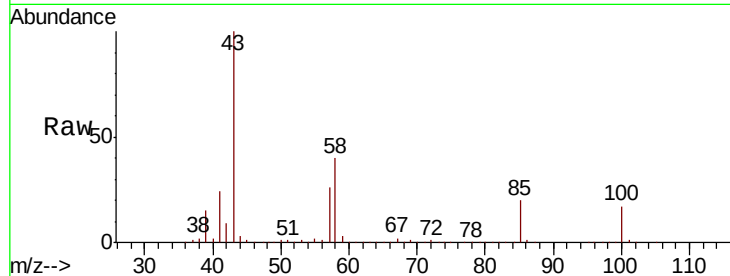
VSTDCCC050

Tgt Ion: 43 Resp: 627287

Ion Ratio Lower Upper

43 100

58 40.0 32.3 48.5



#52

Toluene

Concen: 51.631 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX011446.D

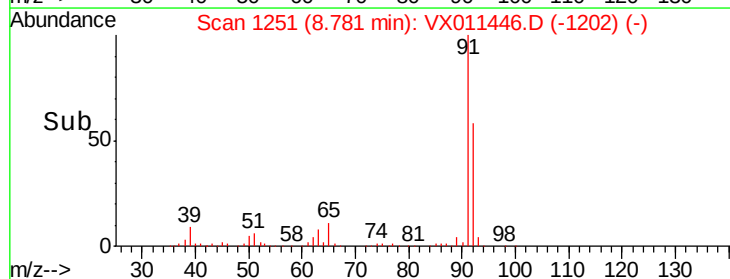
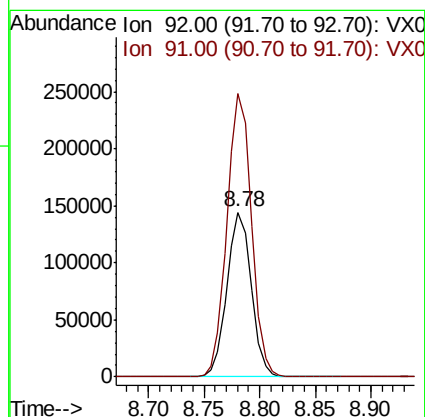
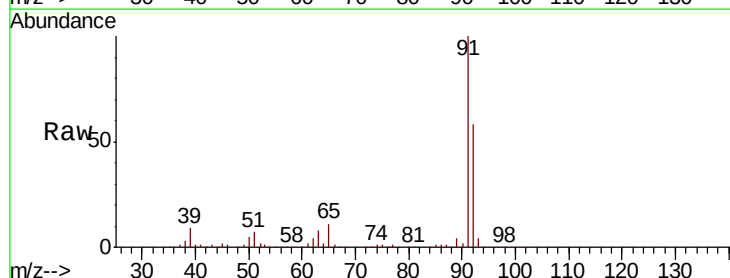
Acq: 11 Aug 2019 21:42

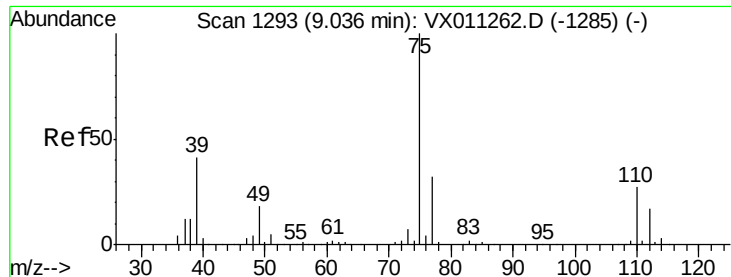
Tgt Ion: 92 Resp: 218606

Ion Ratio Lower Upper

92 100

91 173.7 139.4 209.0

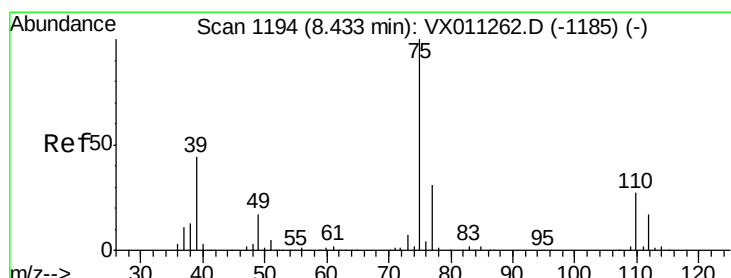
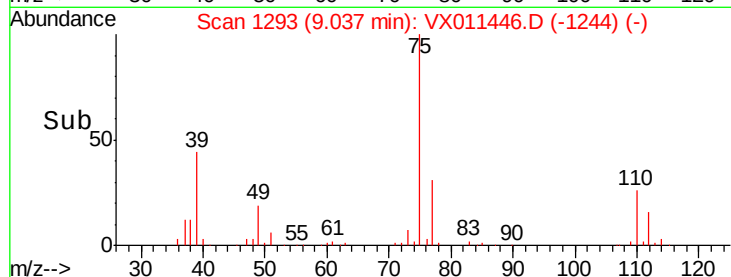
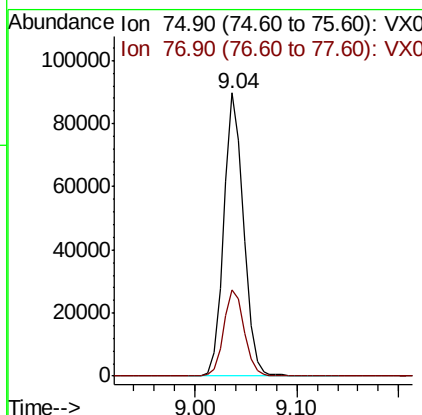
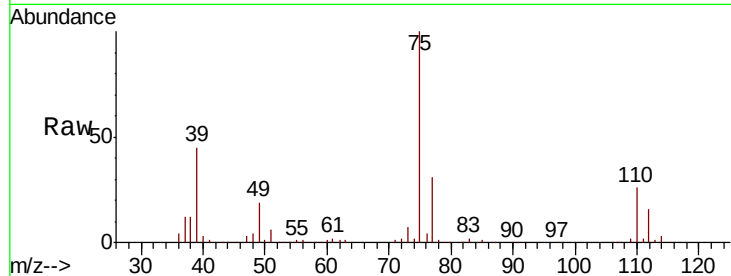




#53
 t-1,3-Dichloropropene
 Concen: 50.713 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. 0.00 min
 Lab File: VX011446.D
 Acq: 11 Aug 2019 21:42

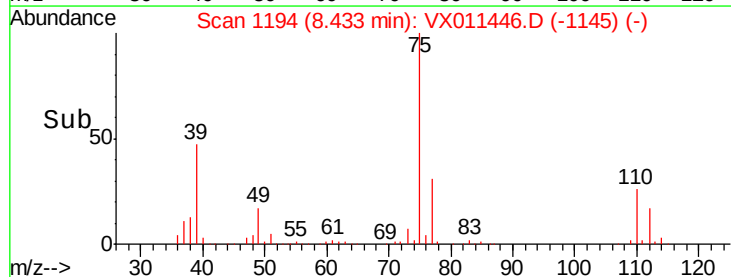
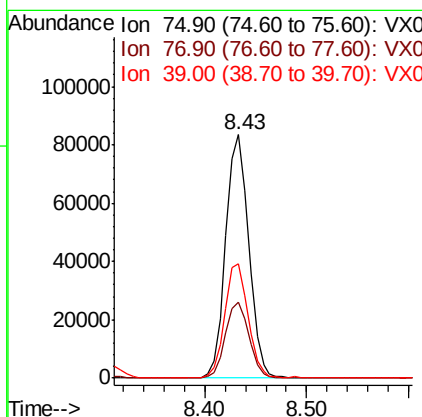
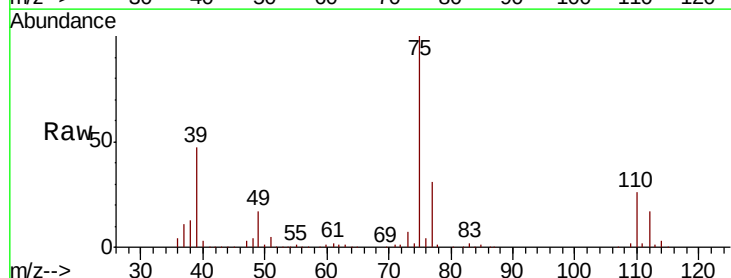
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

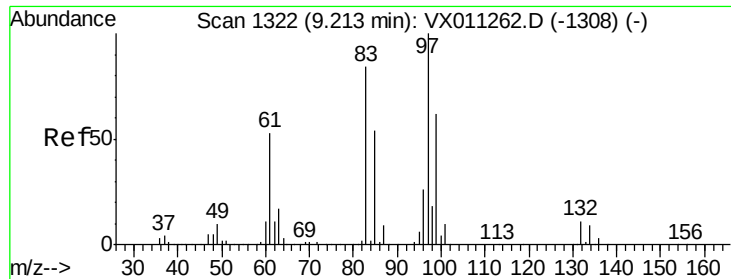
Tgt Ion: 75 Resp: 121166
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 54.728 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX011446.D
 Acq: 11 Aug 2019 21:42

Tgt Ion: 75 Resp: 131044
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.0 37.6
 39 46.8 35.3 52.9





#55

1,1,2-Trichloroethane

Concen: 54.249 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX011446.D

Acq: 11 Aug 2019 21:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 94439

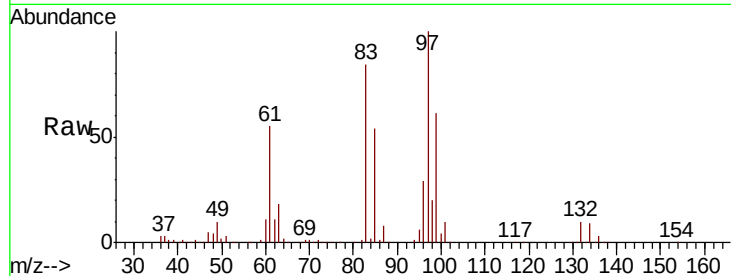
Ion Ratio Lower Upper

97 100

83 84.2 67.6 101.4

85 54.3 43.4 65.0

99 61.2 49.6 74.4

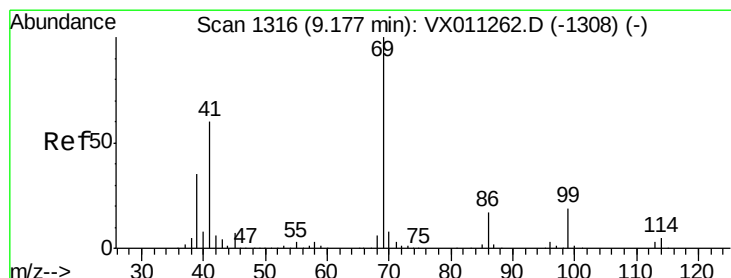
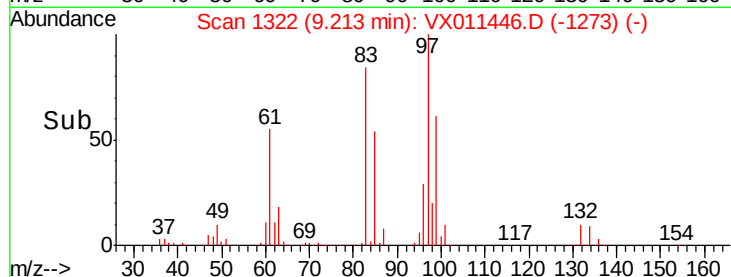
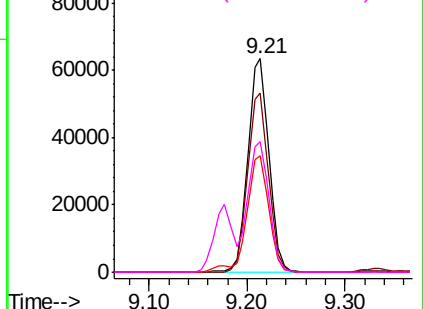


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 57.281 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX011446.D

Acq: 11 Aug 2019 21:42

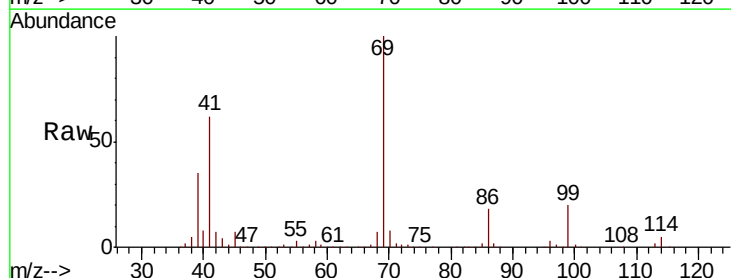
Tgt Ion: 69 Resp: 142103

Ion Ratio Lower Upper

69 100

41 63.6 48.6 73.0

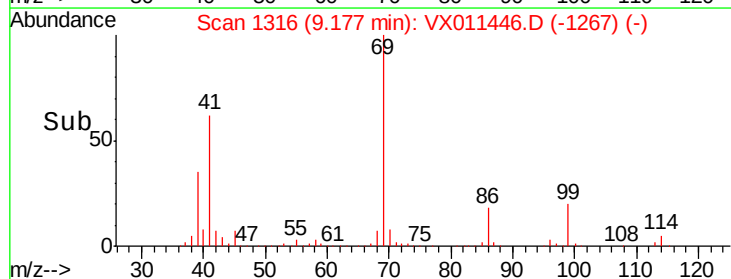
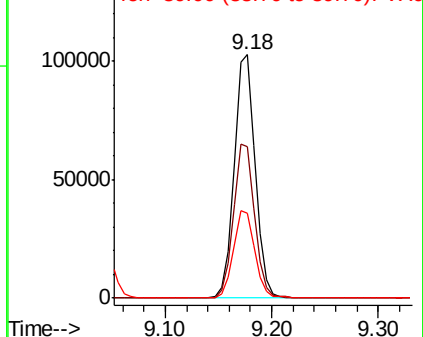
39 36.3 29.4 44.2

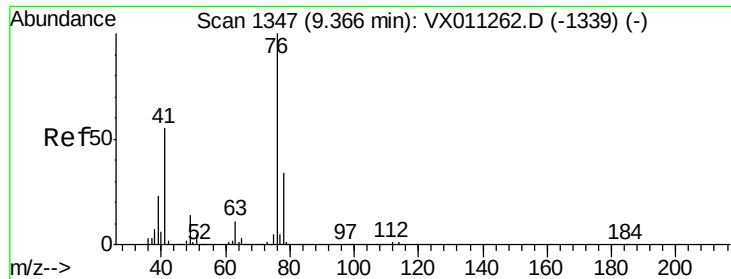


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

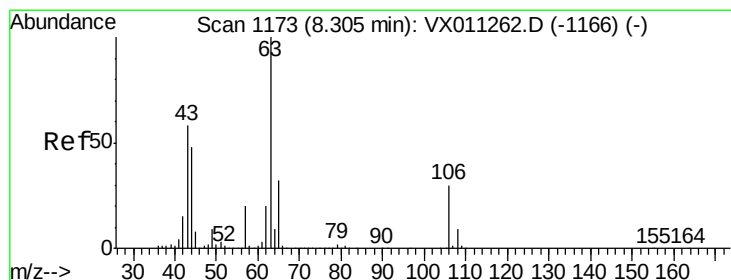
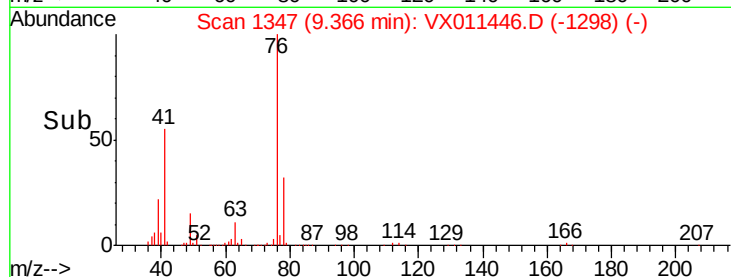
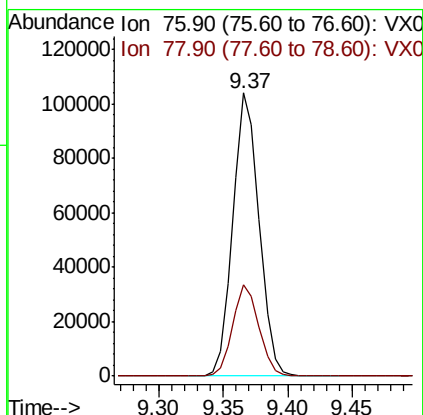
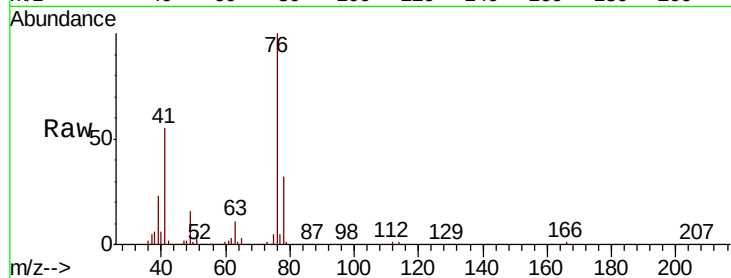




#57
 1,3-Dichloropropane
 Concen: 53.883 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: VX011446.D
 Acq: 11 Aug 2019 21:42

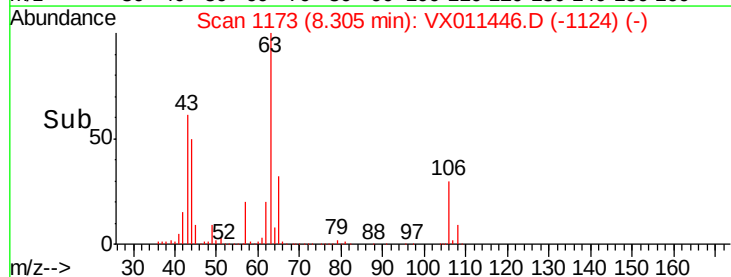
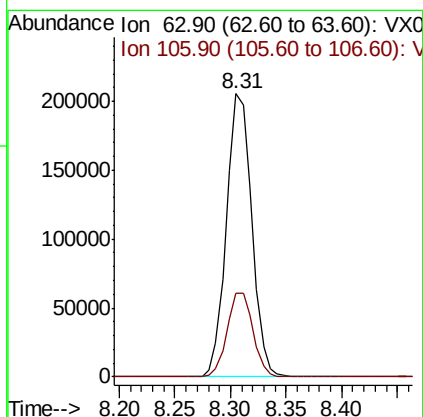
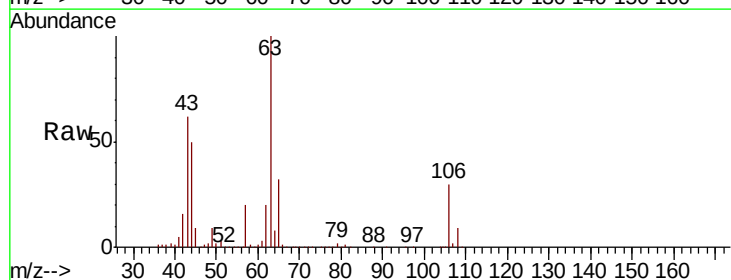
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

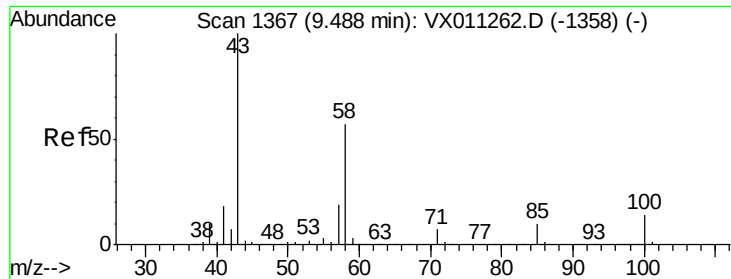
Tgt Ion: 76 Resp: 148348
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.6 40.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 266.214 ug/l
 RT: 8.31 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VX011446.D
 Acq: 11 Aug 2019 21:42

Tgt Ion: 63 Resp: 324724
 Ion Ratio Lower Upper
 63 100
 106 30.2 24.4 36.6

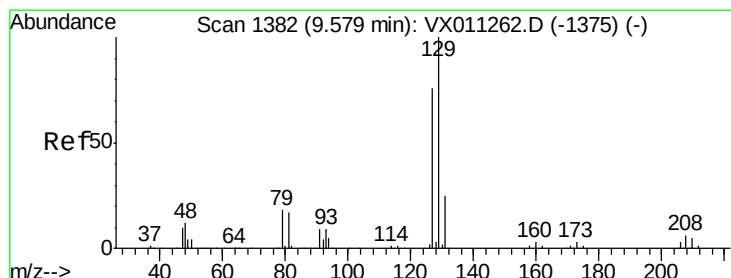
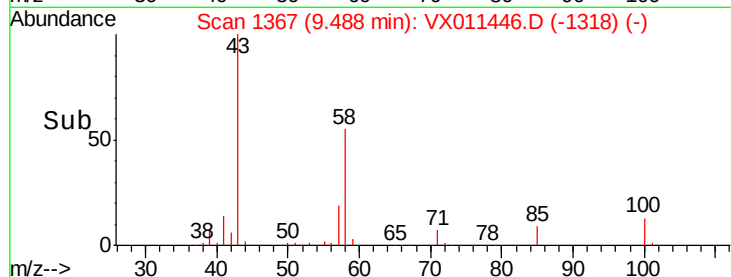
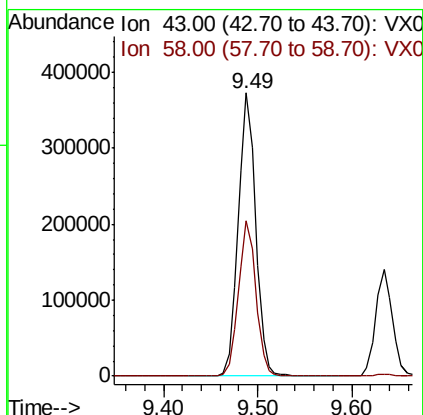
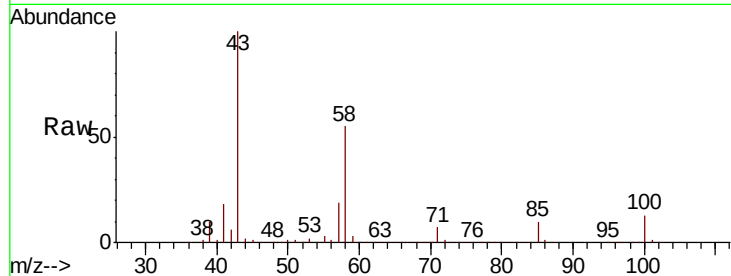




#59
2-Hexanone
Concen: 279.592 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX011446.D
Acq: 11 Aug 2019 21:42

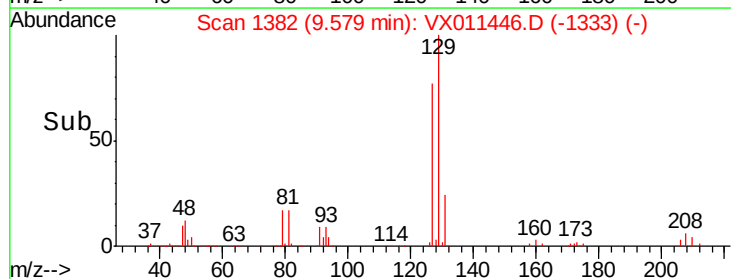
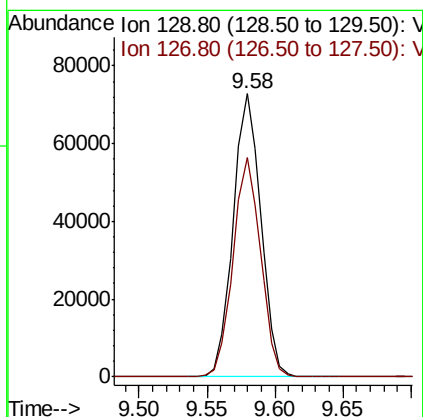
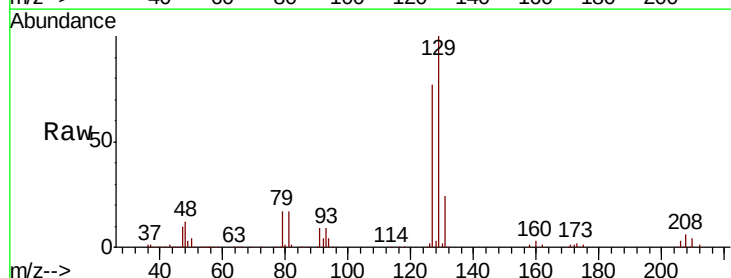
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

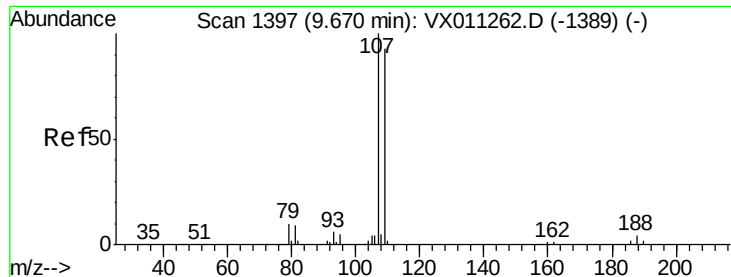
Tgt Ion: 43 Resp: 480988
Ion Ratio Lower Upper
43 100
58 54.9 28.2 84.6



#60
Dibromochloromethane
Concen: 58.084 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011446.D
Acq: 11 Aug 2019 21:42

Tgt Ion: 129 Resp: 103522
Ion Ratio Lower Upper
129 100
127 76.7 39.2 117.6





#61

1,2-Dibromoethane

Concen: 53.459 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX011446.D

Acq: 11 Aug 2019 21:42

Instrument :

MSVOA_X

ClientSampleId :

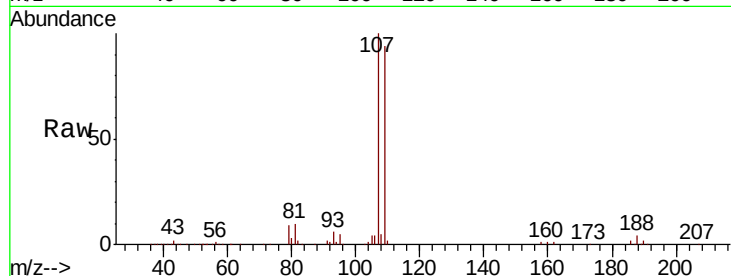
VSTDCCC050

Tgt Ion: 107 Resp: 100545

Ion Ratio Lower Upper

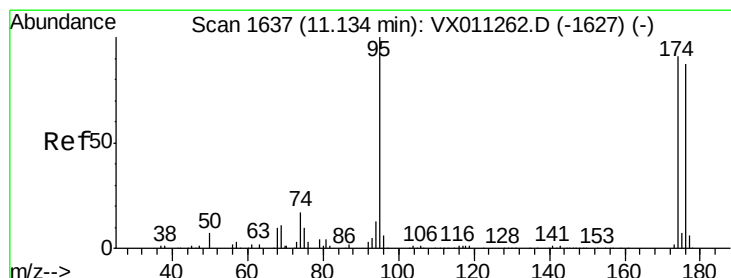
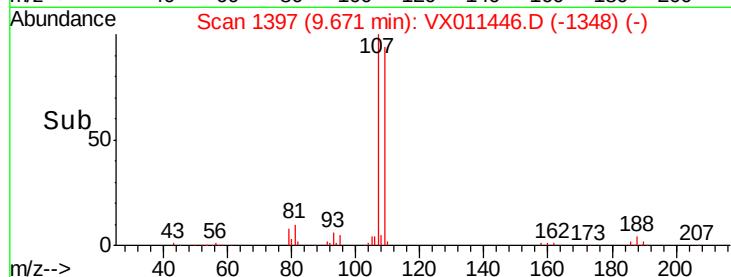
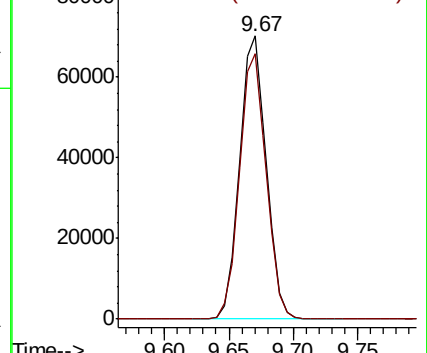
107 100

109 94.3 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: 57.450 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011446.D

Acq: 11 Aug 2019 21:42

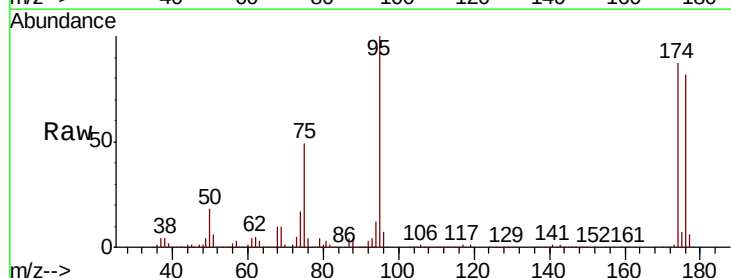
Tgt Ion: 95 Resp: 124245

Ion Ratio Lower Upper

95 100

174 89.0 0.0 191.2

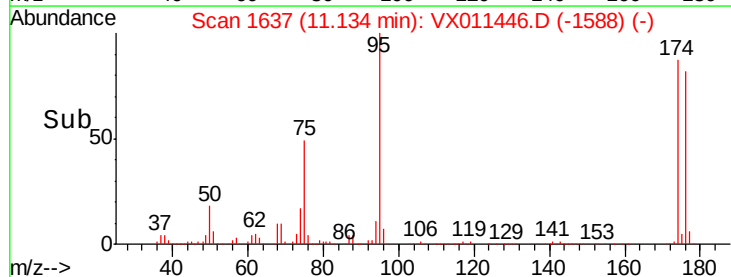
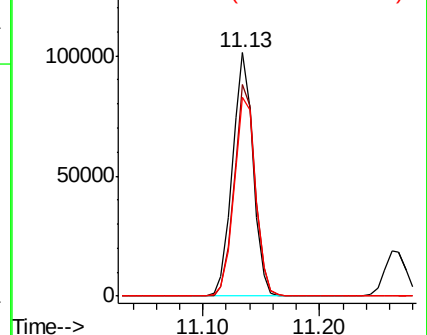
176 85.7 0.0 184.8

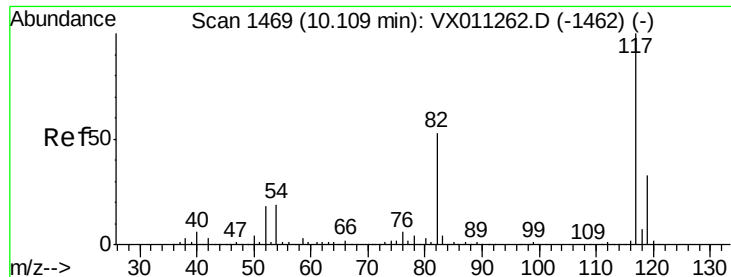


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

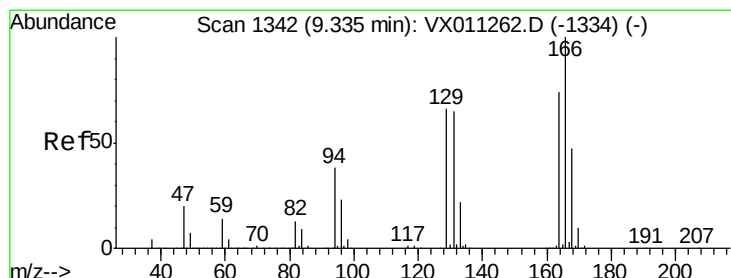
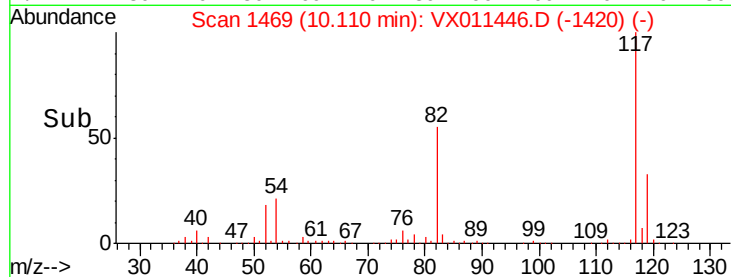
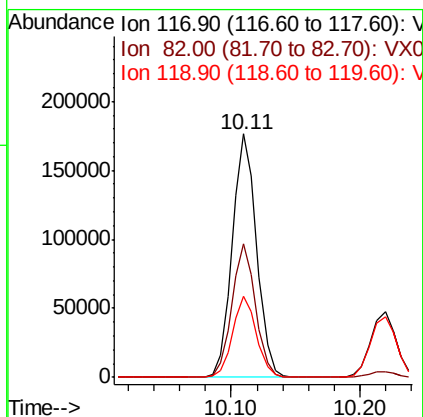
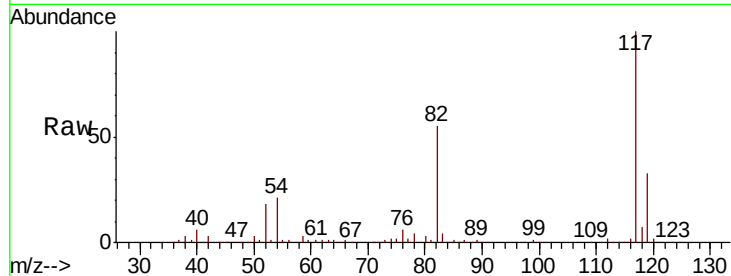




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011446.D
Acq: 11 Aug 2019 21:42

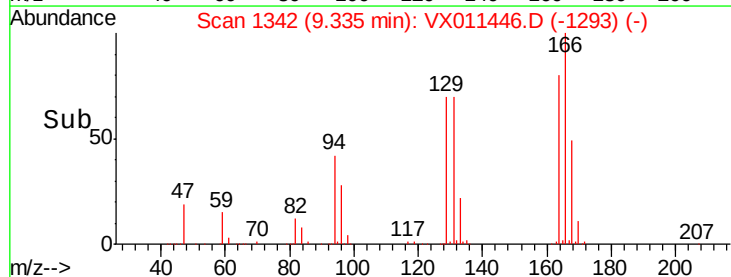
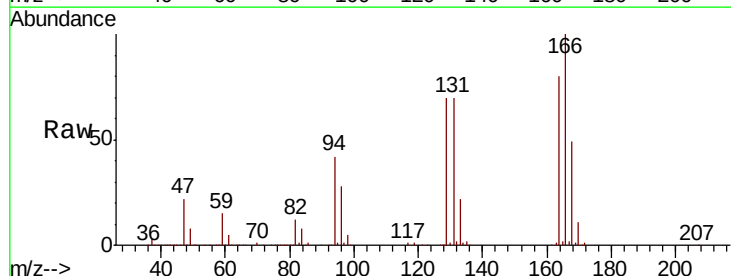
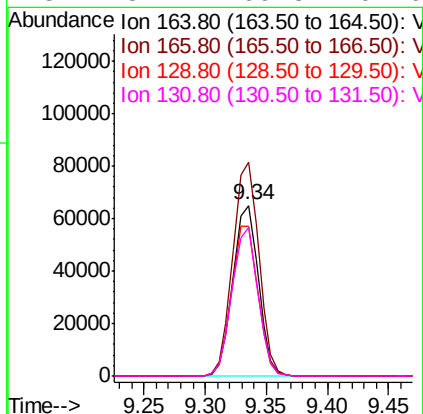
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

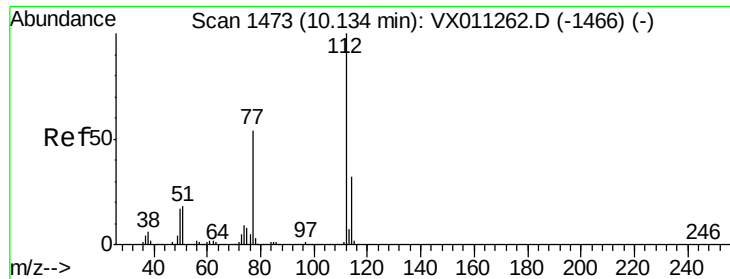
Tgt Ion:117 Resp: 232909
Ion Ratio Lower Upper
117 100
82 54.6 42.2 63.2
119 33.1 26.6 39.8



#64
Tetrachloroethene
Concen: 47.461 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX011446.D
Acq: 11 Aug 2019 21:42

Tgt Ion:164 Resp: 93876
Ion Ratio Lower Upper
164 100
166 125.2 107.5 161.3
129 88.1 71.0 106.4
131 87.1 69.8 104.6

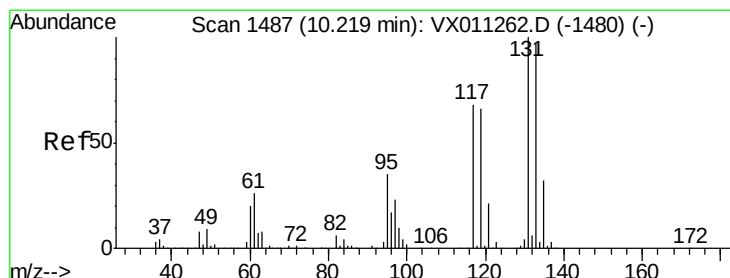
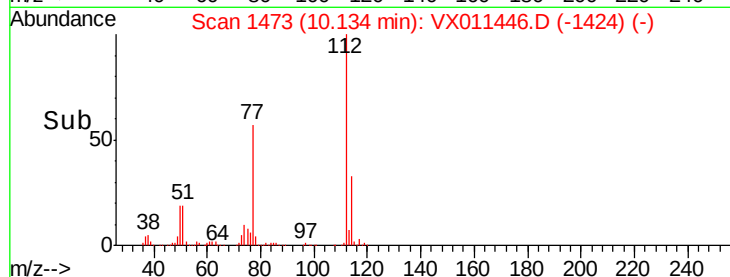
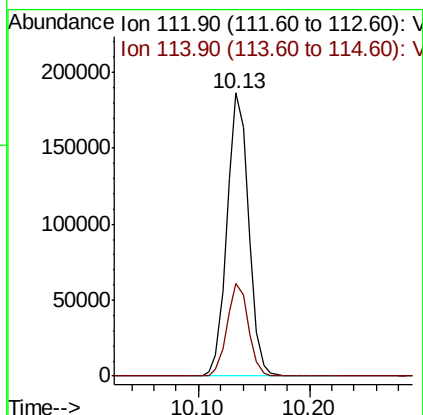
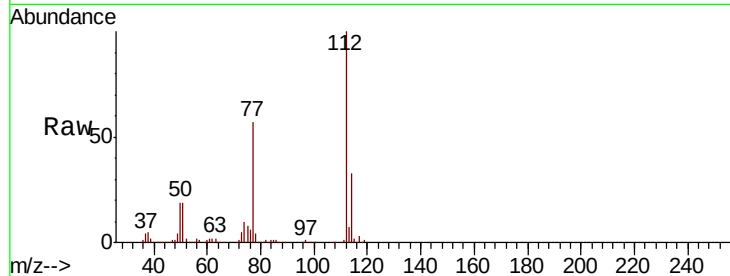




#65
Chlorobenzene
Concen: 49.957 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX011446.D
Acq: 11 Aug 2019 21:42

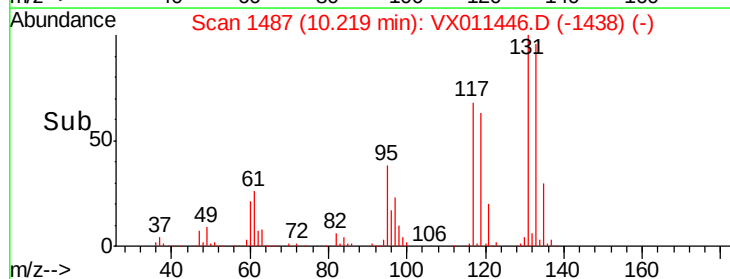
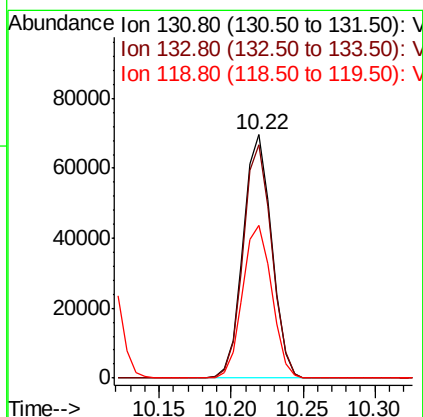
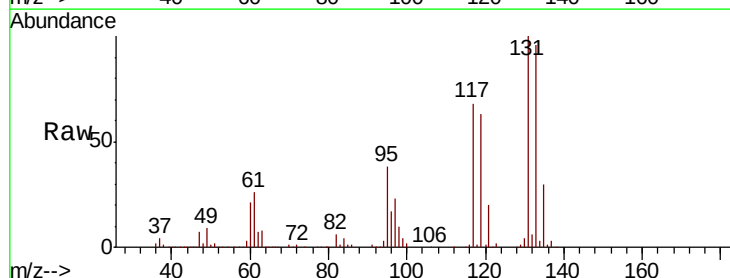
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

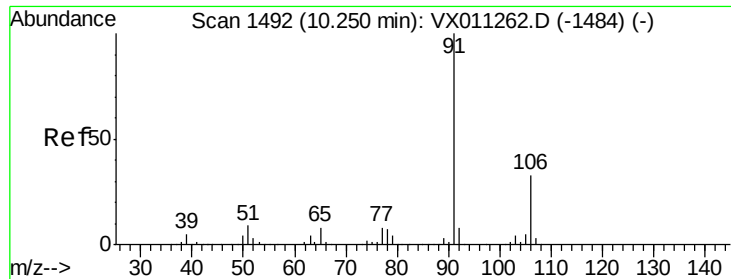
Tgt Ion:112 Resp: 249478
Ion Ratio Lower Upper
112 100
114 32.6 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 55.824 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX011446.D
Acq: 11 Aug 2019 21:42

Tgt Ion:131 Resp: 95440
Ion Ratio Lower Upper
131 100
133 95.9 47.7 143.1
119 64.4 32.8 98.3

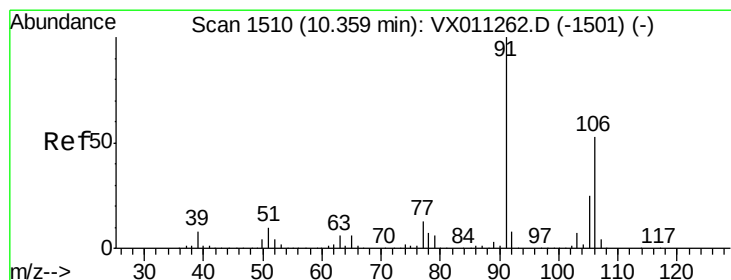
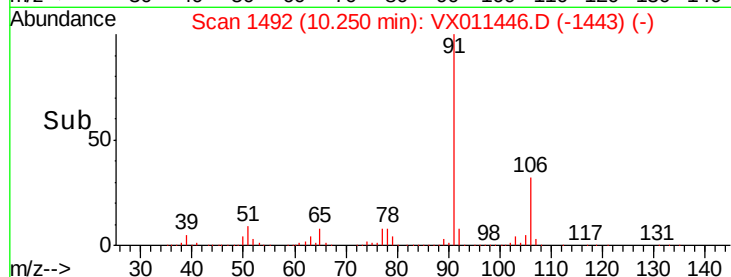
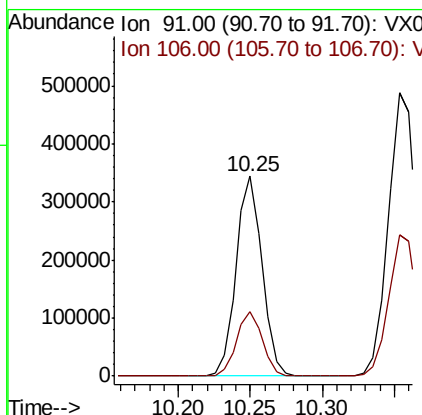
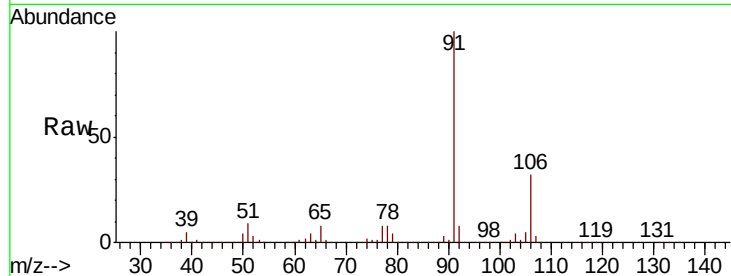




#67
Ethyl Benzene
Concen: 51.899 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX011446.D
Acq: 11 Aug 2019 21:42

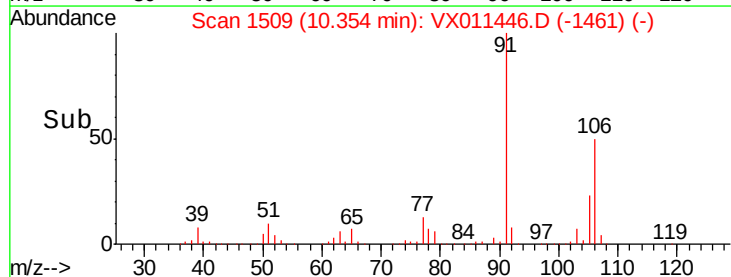
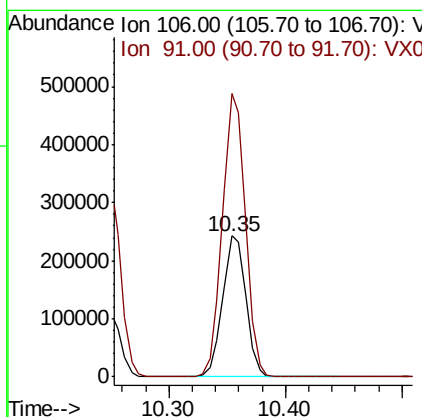
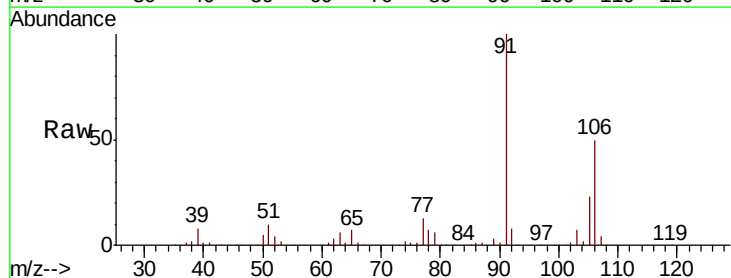
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

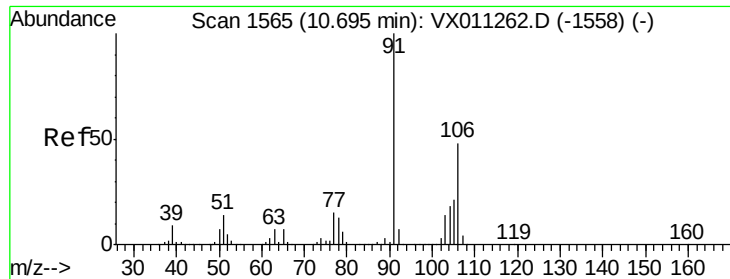
Tgt Ion: 91 Resp: 434055
Ion Ratio Lower Upper
91 100
106 32.1 26.2 39.4



#68
m/p-Xylenes
Concen: 103.552 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX011446.D
Acq: 11 Aug 2019 21:42

Tgt Ion: 106 Resp: 334988
Ion Ratio Lower Upper
106 100
91 198.4 155.9 233.9

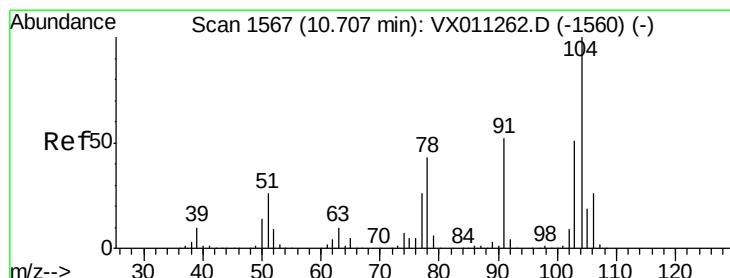
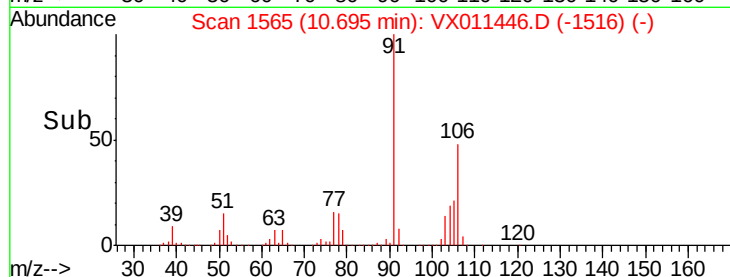
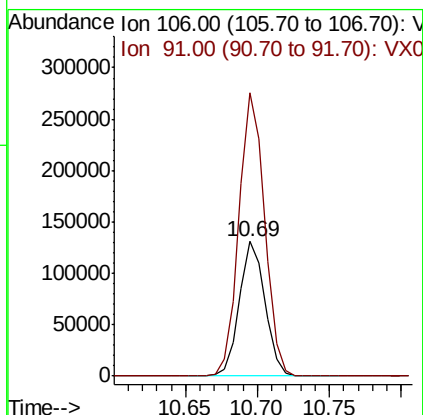
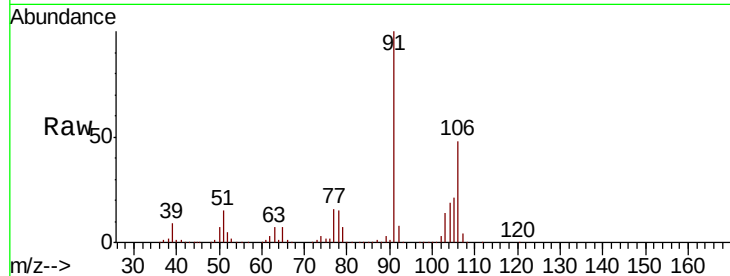




#69
o-Xylene
Concen: 50.986 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011446.D
Acq: 11 Aug 2019 21:42

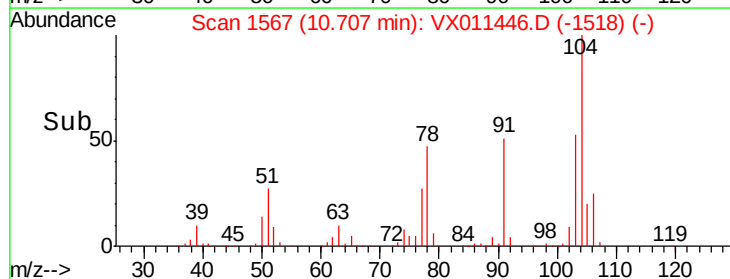
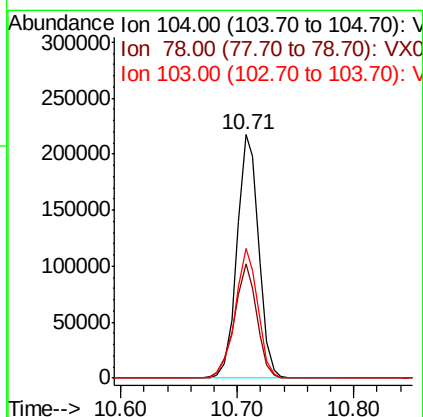
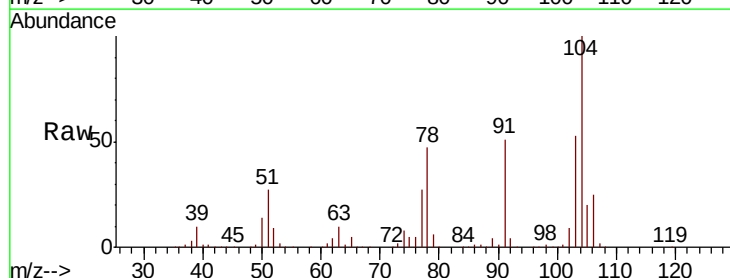
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

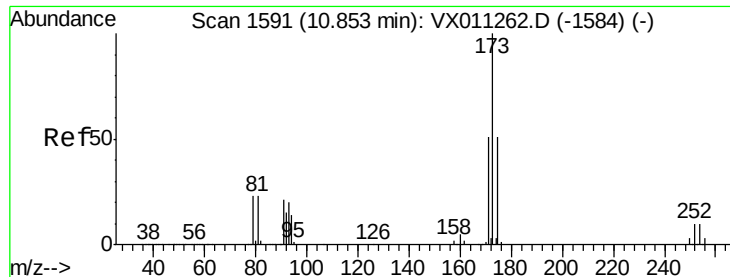
Tgt Ion:106 Resp: 162060
Ion Ratio Lower Upper
106 100
91 212.0 103.8 311.3



#70
Styrene
Concen: 53.538 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX011446.D
Acq: 11 Aug 2019 21:42

Tgt Ion:104 Resp: 281572
Ion Ratio Lower Upper
104 100
78 48.9 36.9 55.3
103 55.6 44.4 66.6

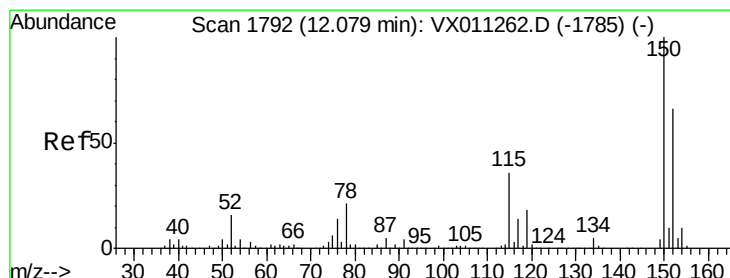
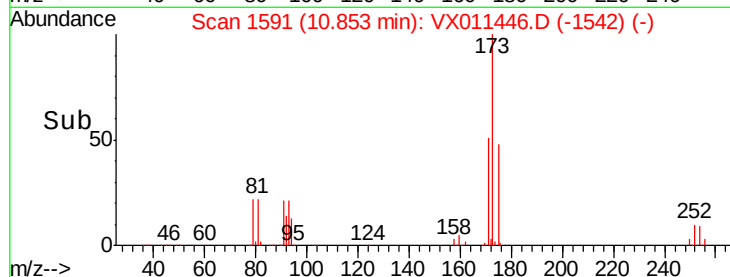
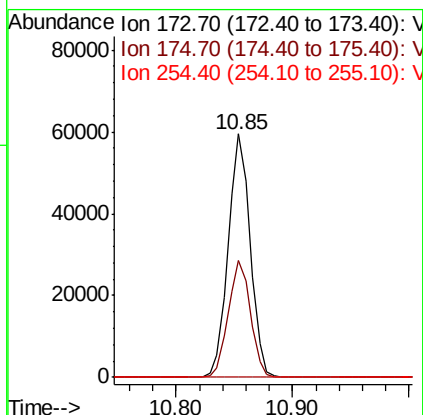
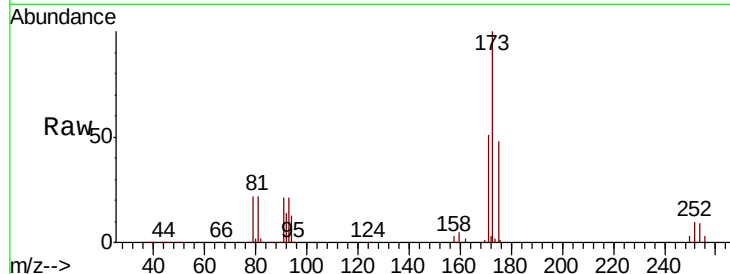




#71
Bromoform
Concen: 51.054 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX011446.D
Acq: 11 Aug 2019 21:42

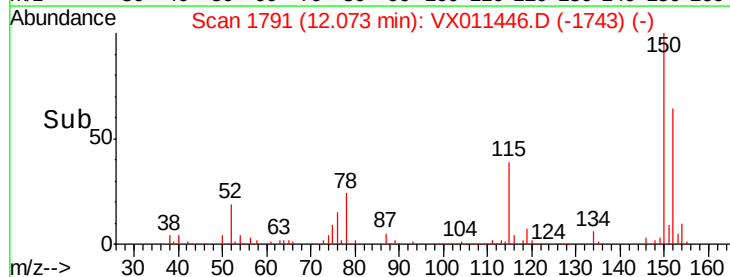
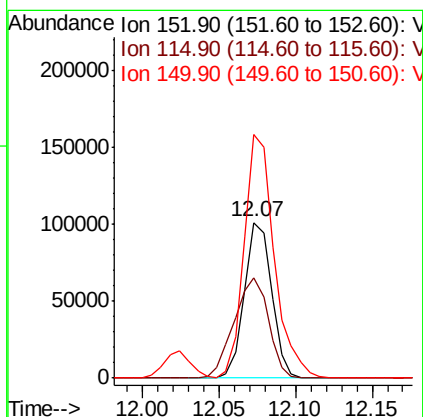
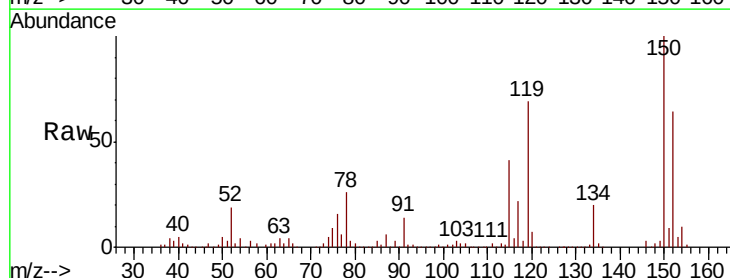
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

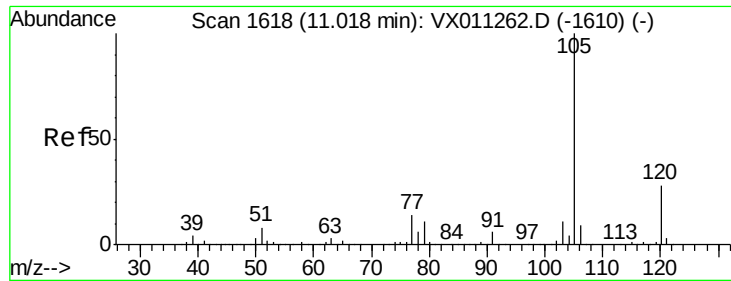
Tgt Ion:173 Resp: 78141
Ion Ratio Lower Upper
173 100
175 48.2 24.4 73.4
254 0.1 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.01 min
Lab File: VX011446.D
Acq: 11 Aug 2019 21:42

Tgt Ion:152 Resp: 125791
Ion Ratio Lower Upper
152 100
115 80.9 40.0 119.9
150 171.9 0.0 350.4

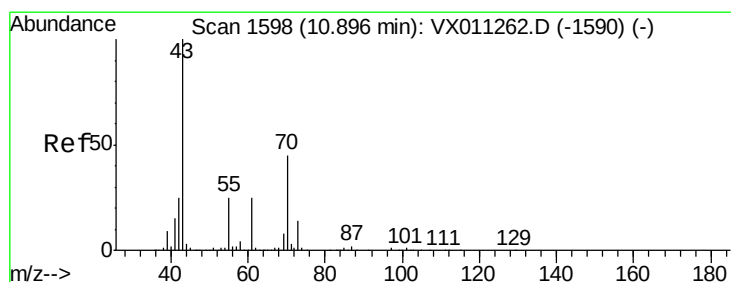
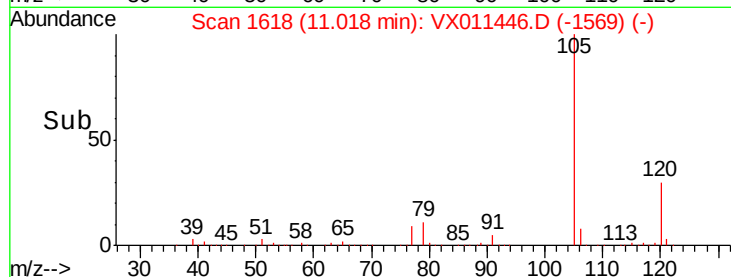
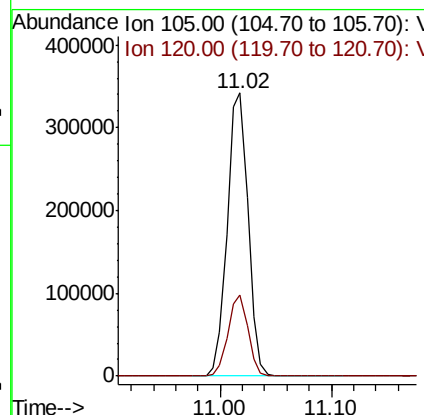
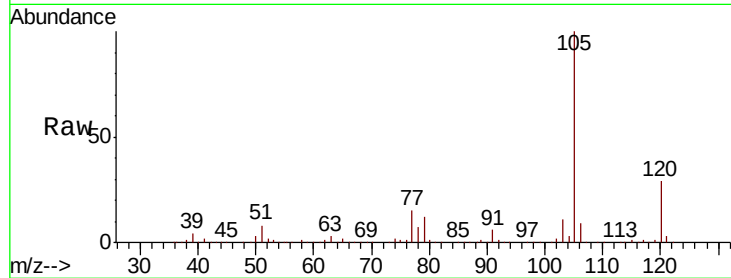




#73
Isopropylbenzene
Concen: 51.335 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX011446.D
Acq: 11 Aug 2019 21:42

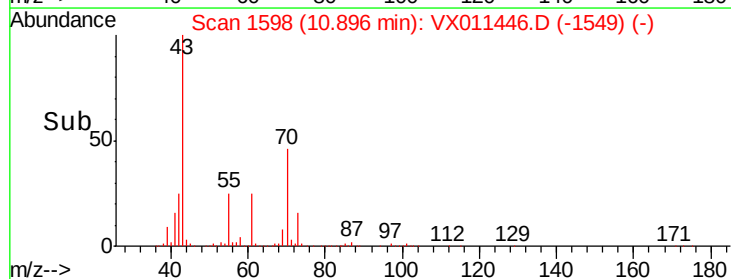
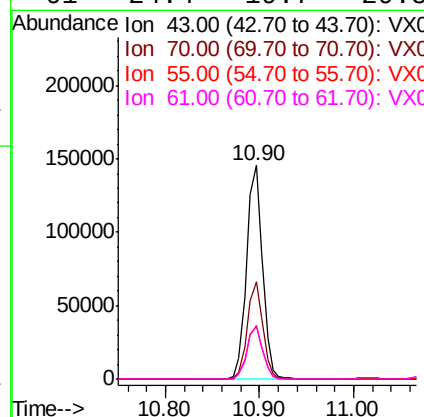
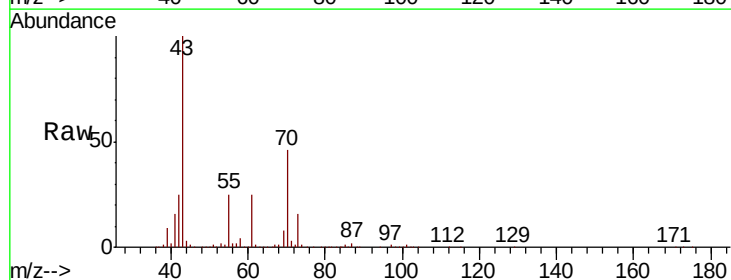
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

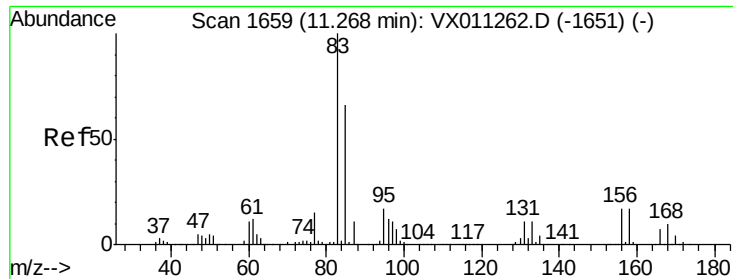
Tgt Ion: 105 Resp: 441643
Ion Ratio Lower Upper
105 100
120 27.5 13.7 41.1



#74
N-ethyl acetate
Concen: 55.226 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VX011446.D
Acq: 11 Aug 2019 21:42

Tgt Ion: 43 Resp: 171677
Ion Ratio Lower Upper
43 100
70 44.3 35.9 53.9
55 24.9 19.8 29.6
61 24.4 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 50.652 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX011446.D

Acq: 11 Aug 2019 21:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

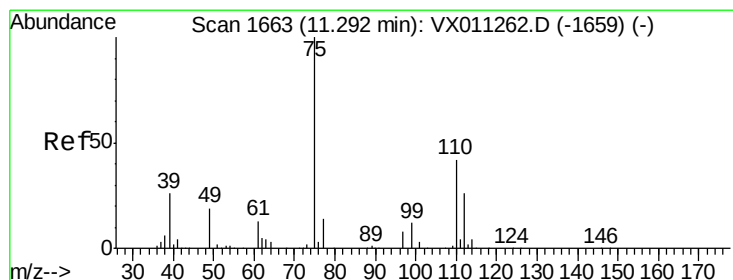
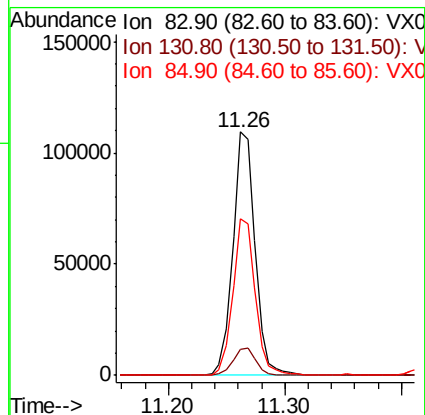
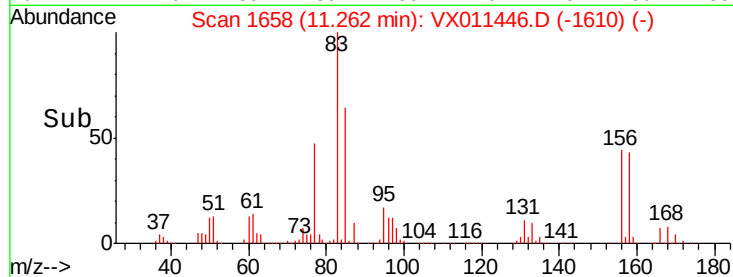
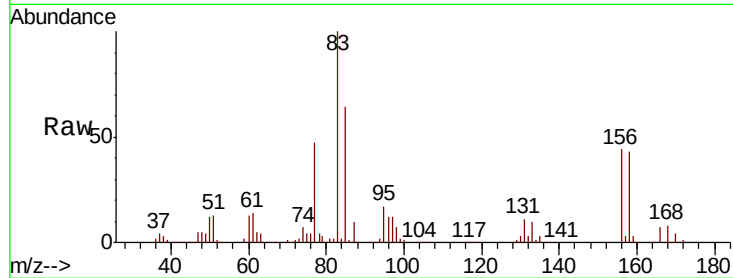
Tgt Ion: 83 Resp: 145219

Ion Ratio Lower Upper

83 100

131 11.2 5.6 16.8

85 64.9 32.1 96.5



#76

1,2,3-Trichloropropane

Concen: 69.258 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX011446.D

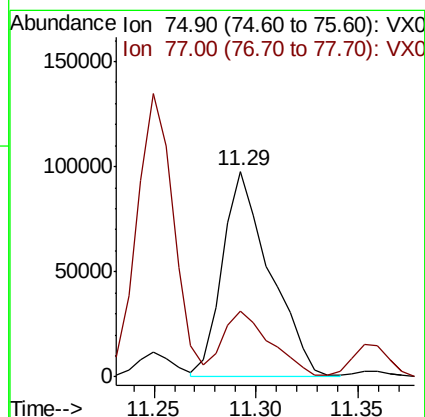
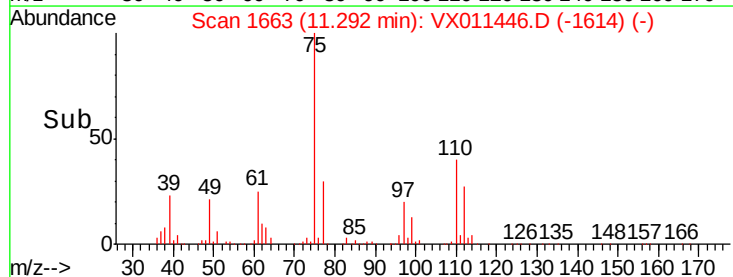
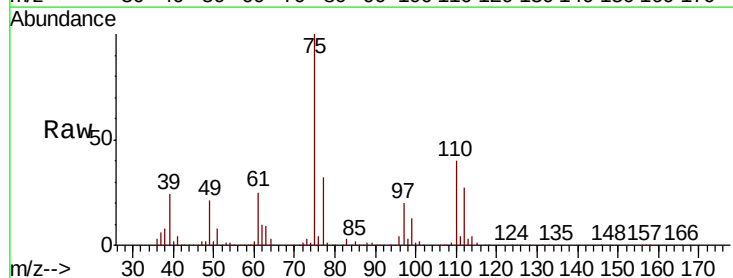
Acq: 11 Aug 2019 21:42

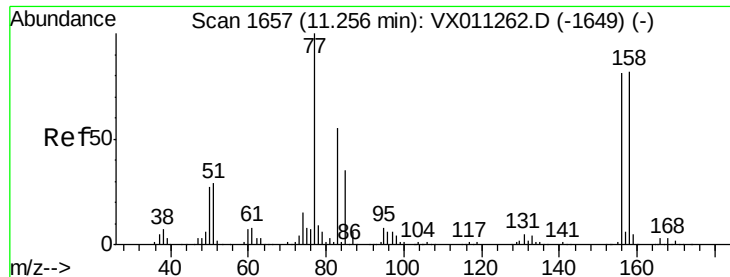
Tgt Ion: 75 Resp: 158657

Ion Ratio Lower Upper

75 100

77 32.4 21.1 63.4





#77

Bromobenzene

Concen: 50.317 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX011446.D

Acq: 11 Aug 2019 21:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

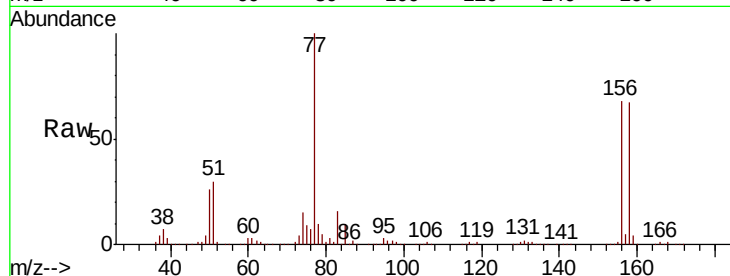
Tgt Ion:156 Resp: 120037

Ion Ratio Lower Upper

156 100

77 140.2 66.2 198.6

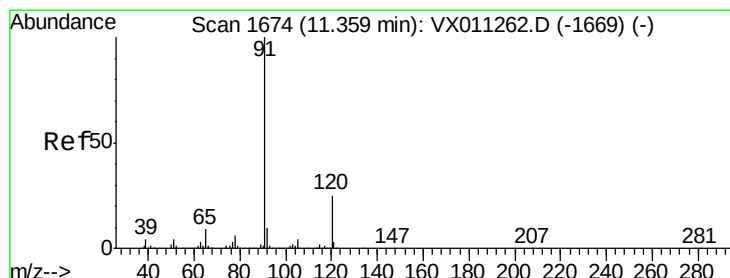
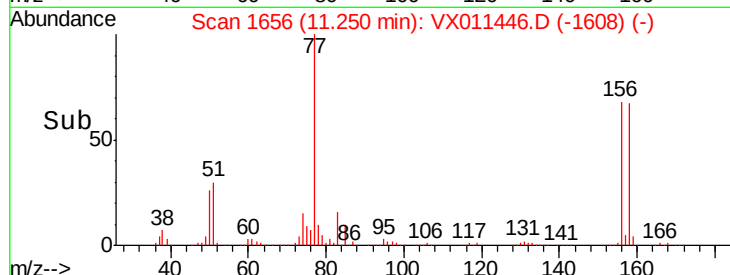
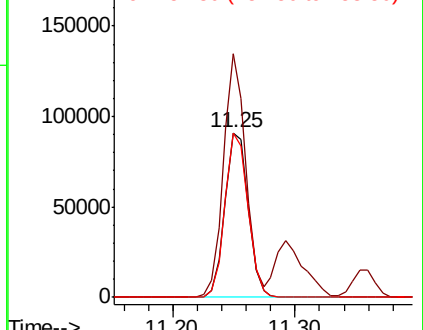
158 98.0 49.1 147.3



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: 51.563 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011446.D

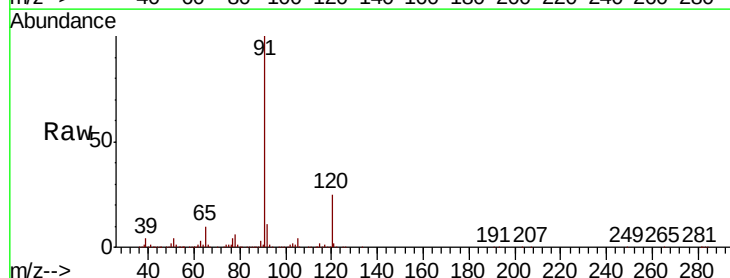
Acq: 11 Aug 2019 21:42

Tgt Ion: 91 Resp: 493323

Ion Ratio Lower Upper

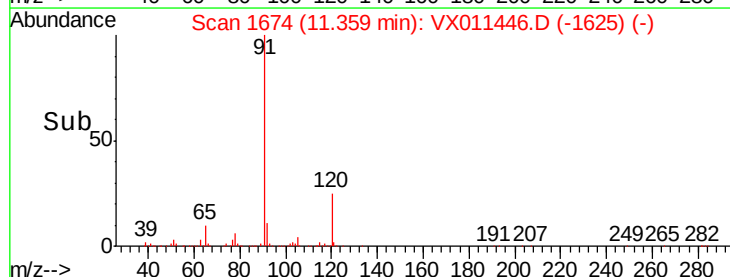
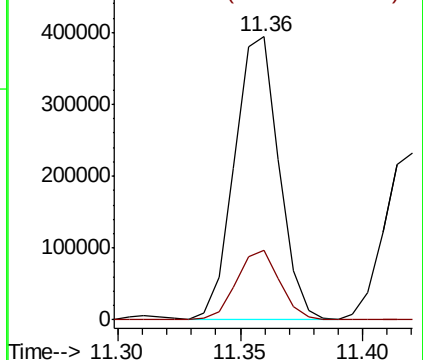
91 100

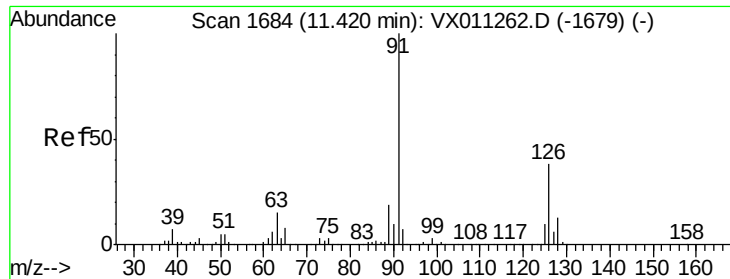
120 24.2 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

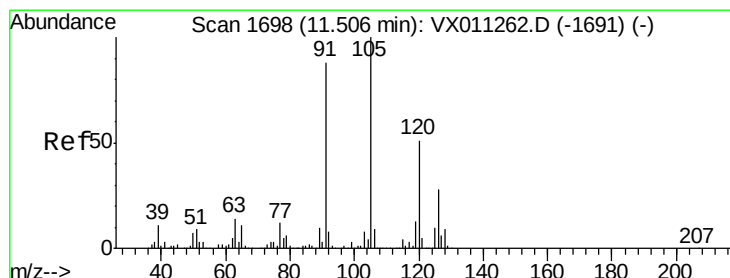
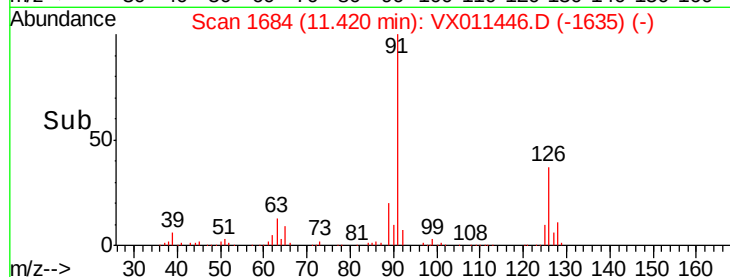
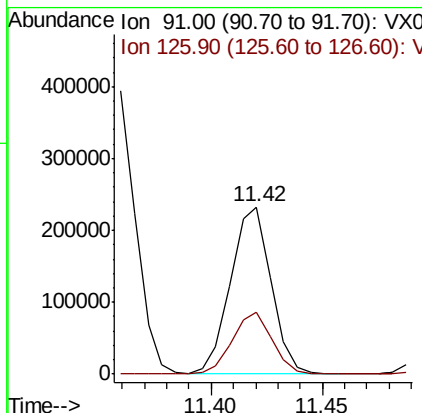
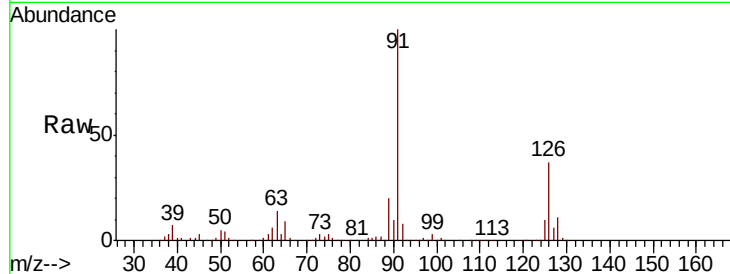




#79
 2-Chlorotoluene
 Concen: 51.516 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX011446.D
 Acq: 11 Aug 2019 21:42

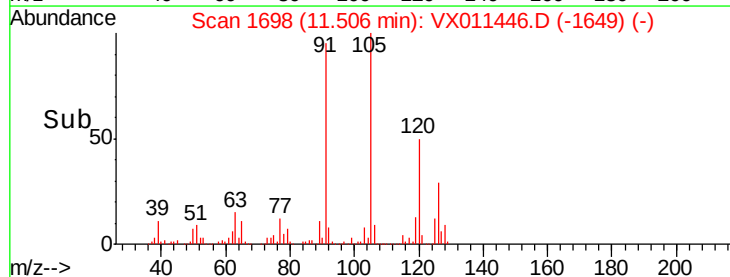
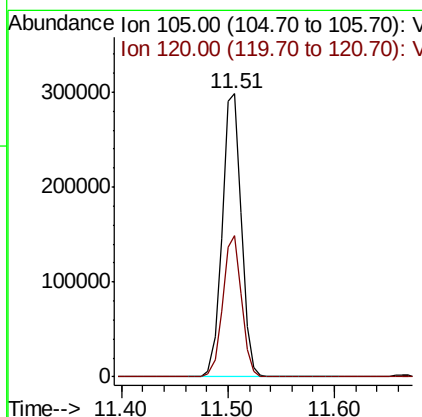
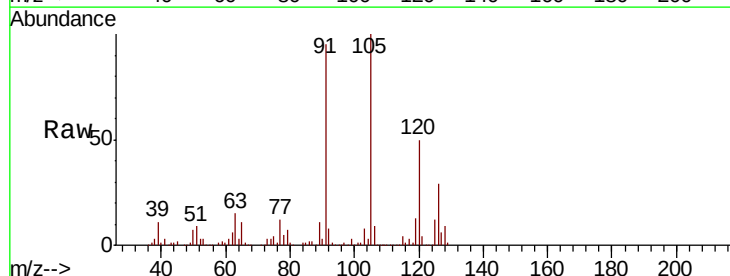
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

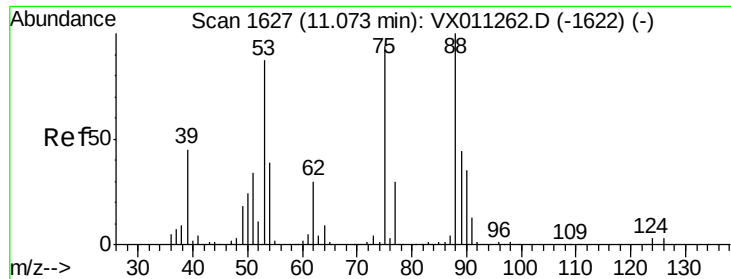
Tgt Ion: 91 Resp: 293766
 Ion Ratio Lower Upper
 91 100
 126 36.4 18.5 55.5



#80
 1,3,5-Trimethylbenzene
 Concen: 52.039 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX011446.D
 Acq: 11 Aug 2019 21:42

Tgt Ion: 105 Resp: 374774
 Ion Ratio Lower Upper
 105 100
 120 49.0 25.1 75.2





#81

trans-1,4-Dichloro-2-butene

Concen: 46.058 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX011446.D

Acq: 11 Aug 2019 21:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

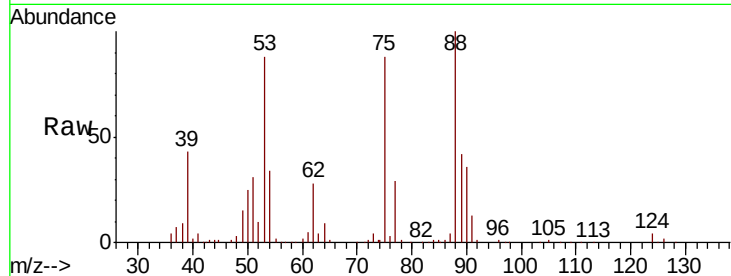
Tgt Ion: 75 Resp: 39176

Ion Ratio Lower Upper

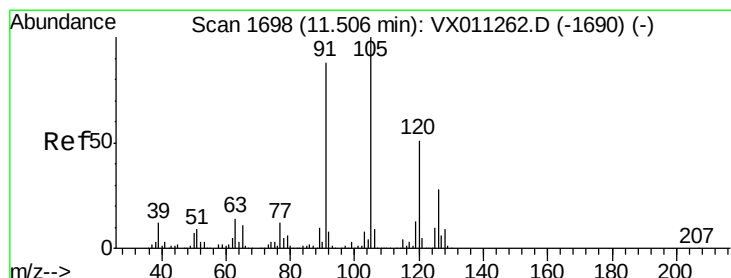
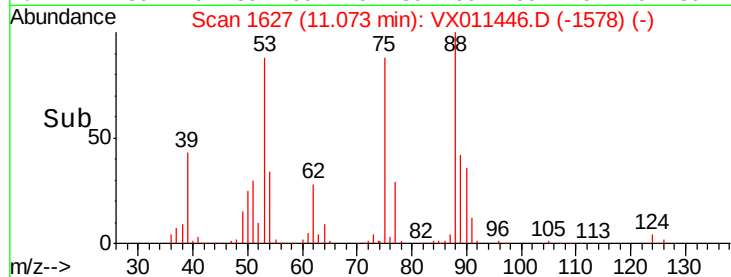
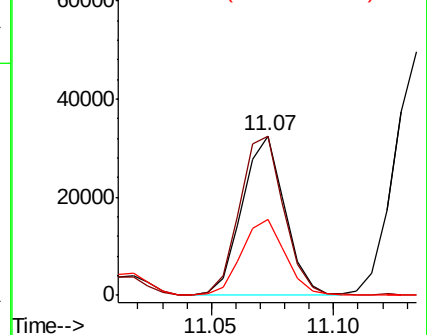
75 100

53 104.4 78.2 117.4

89 49.0 37.9 56.9



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



#82

4-Chlorotoluene

Concen: 52.151 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011446.D

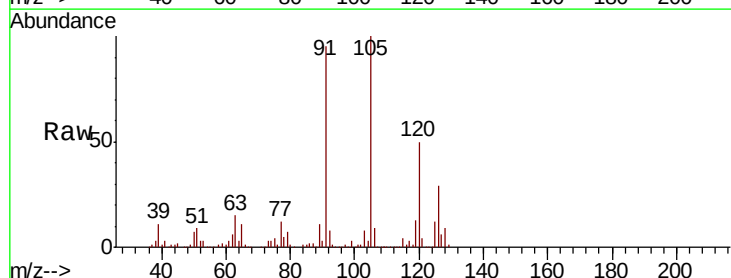
Acq: 11 Aug 2019 21:42

Tgt Ion: 91 Resp: 346580

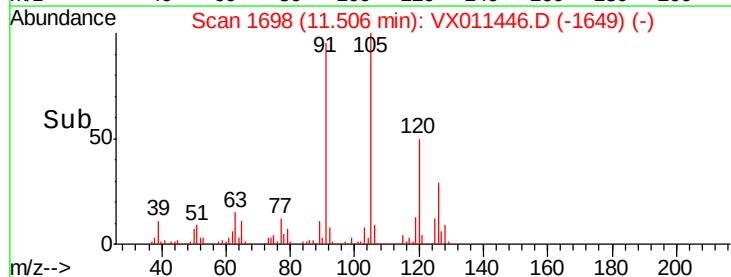
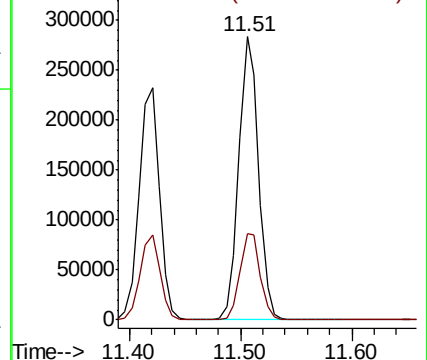
Ion Ratio Lower Upper

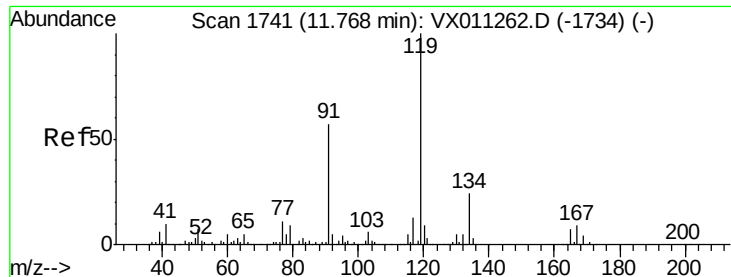
91 100

126 31.2 16.4 49.2



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

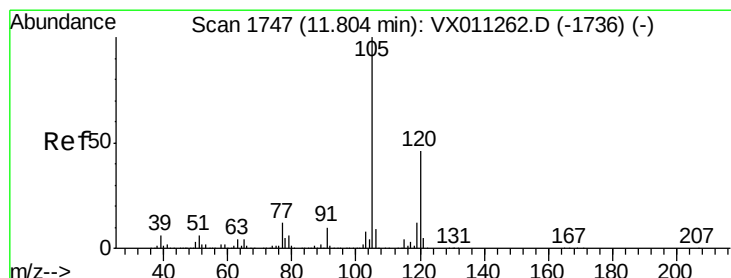
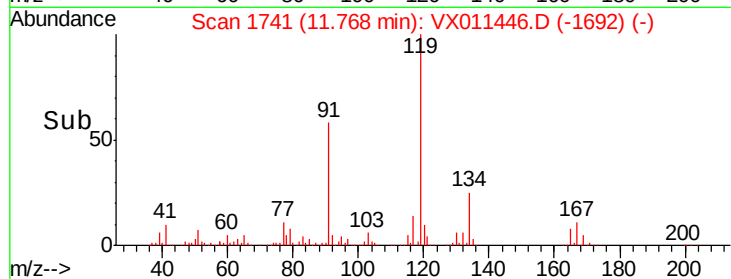
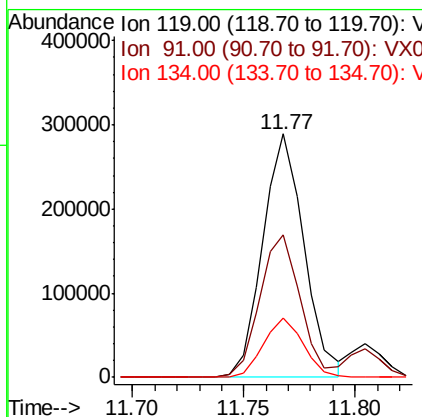
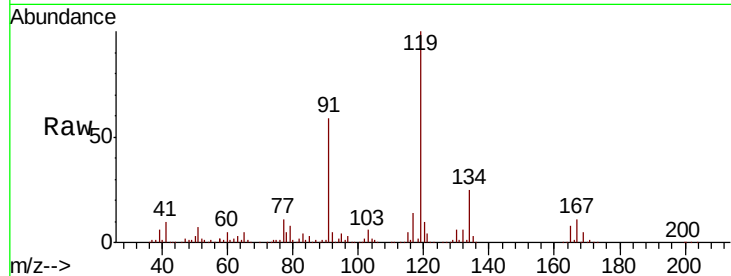




#83
 tert-Butylbenzene
 Concen: 52.641 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX011446.D
 Acq: 11 Aug 2019 21:42

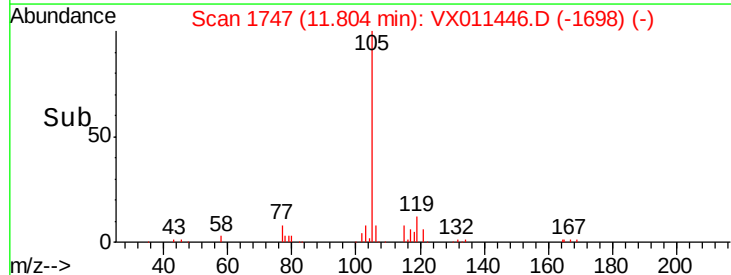
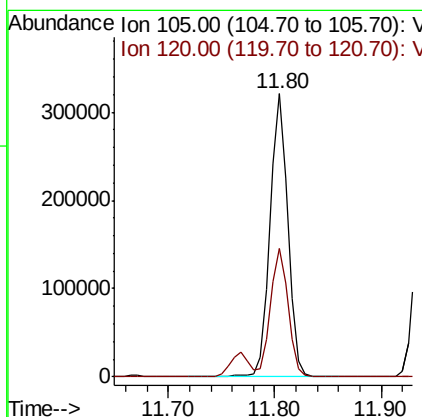
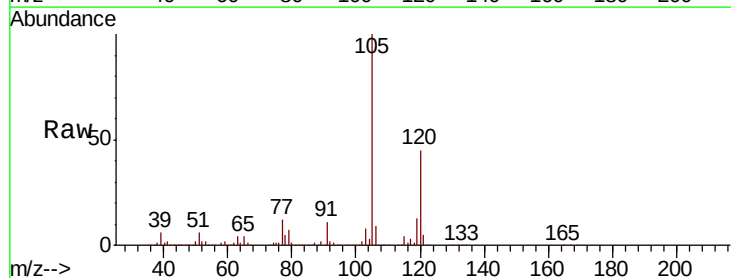
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

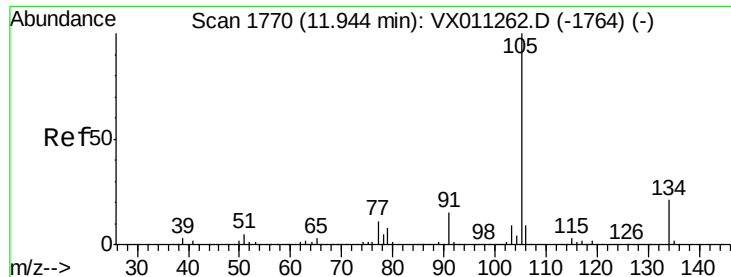
Tgt Ion	Ratio	Lower	Upper
119	100		
91	56.8	28.0	84.0
134	23.7	11.9	35.5



#84
 1,2,4-Trimethylbenzene
 Concen: 52.598 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX011446.D
 Acq: 11 Aug 2019 21:42

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.4	23.0	69.0





#85

sec-Butylbenzene

Concen: 50.757 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011446.D

Acq: 11 Aug 2019 21:42

Instrument :

MSVOA_X

ClientSampleId :

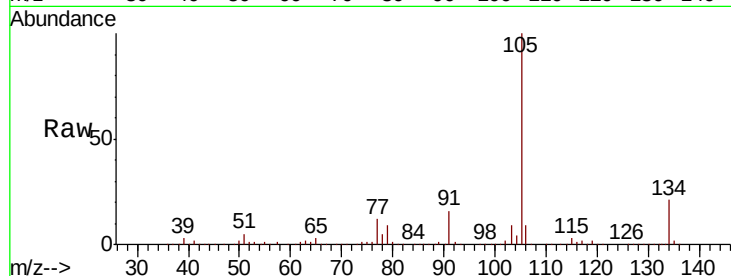
VSTDCCC050

Tgt Ion:105 Resp: 430741

Ion Ratio Lower Upper

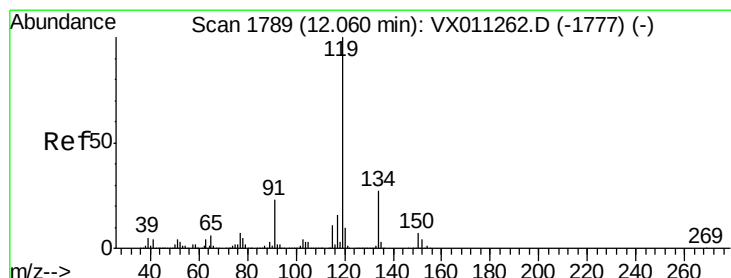
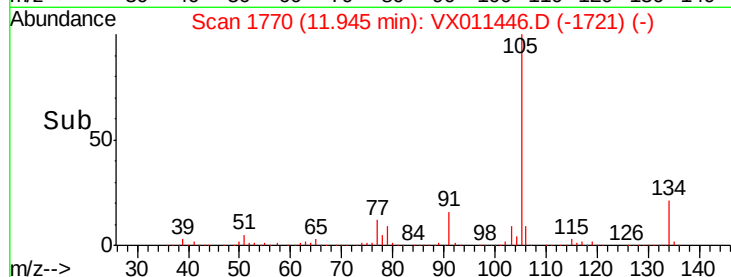
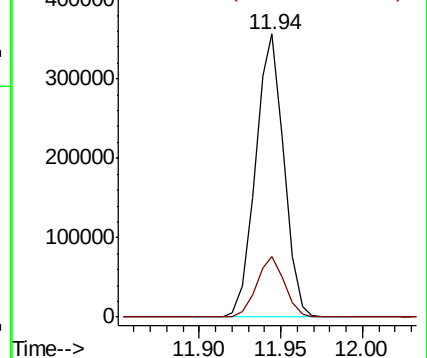
105 100

134 21.2 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.389 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX011446.D

Acq: 11 Aug 2019 21:42

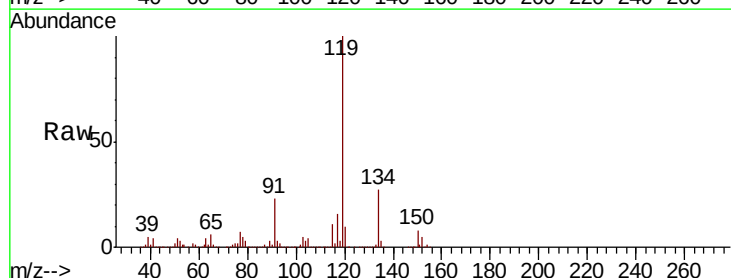
Tgt Ion:119 Resp: 401200

Ion Ratio Lower Upper

119 100

134 27.0 13.7 41.0

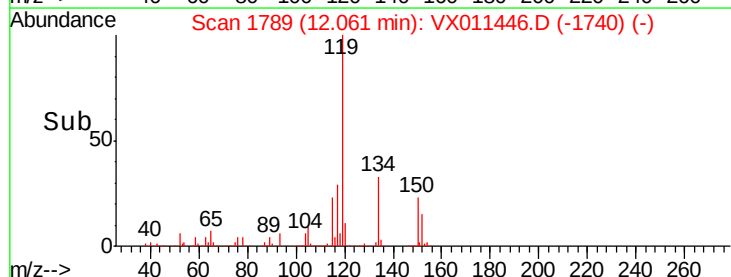
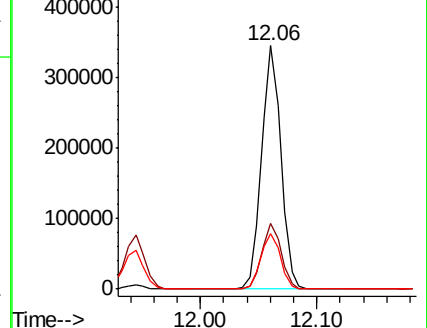
91 23.4 11.4 34.2

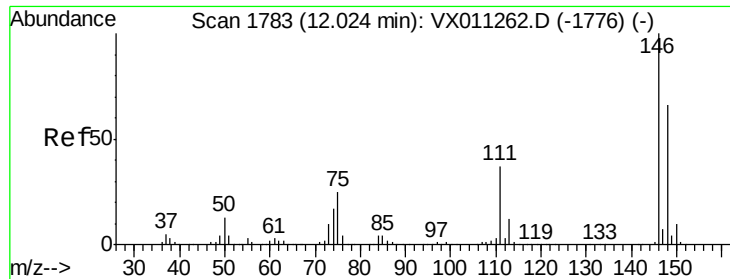


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 50.442 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX011446.D

Acq: 11 Aug 2019 21:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

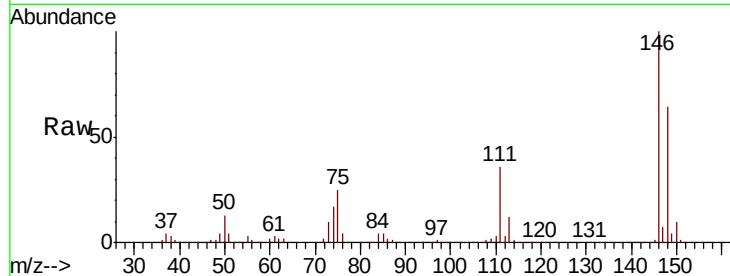
Tgt Ion:146 Resp: 212624

Ion Ratio Lower Upper

146 100

111 37.8 18.6 55.8

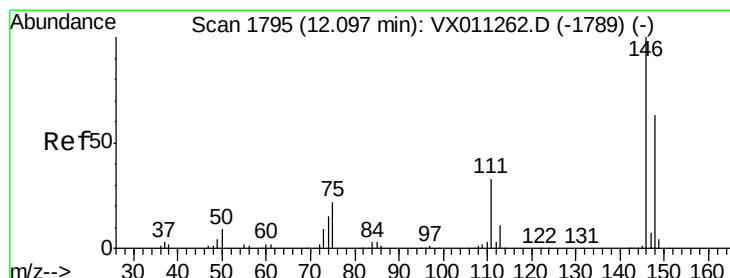
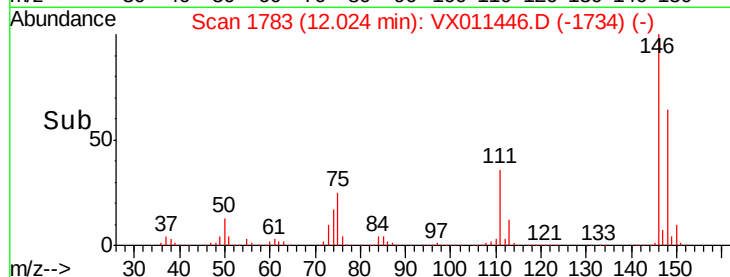
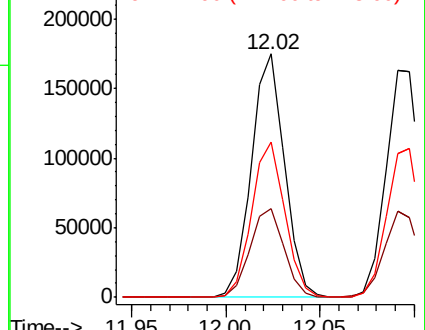
148 64.0 32.5 97.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 48.898 ug/l

RT: 12.09 min Scan# 1794

Delta R.T. -0.01 min

Lab File: VX011446.D

Acq: 11 Aug 2019 21:42

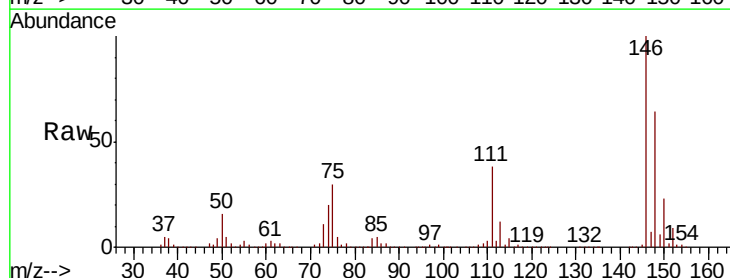
Tgt Ion:146 Resp: 212537

Ion Ratio Lower Upper

146 100

111 37.9 17.8 53.4

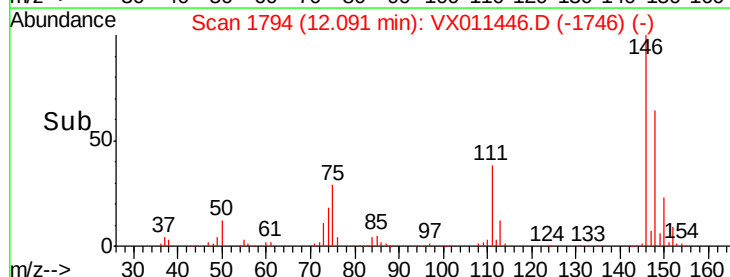
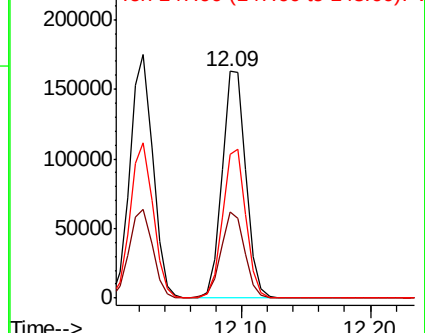
148 64.4 31.8 95.3

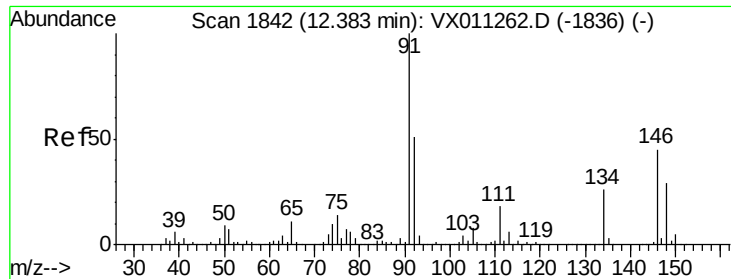


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

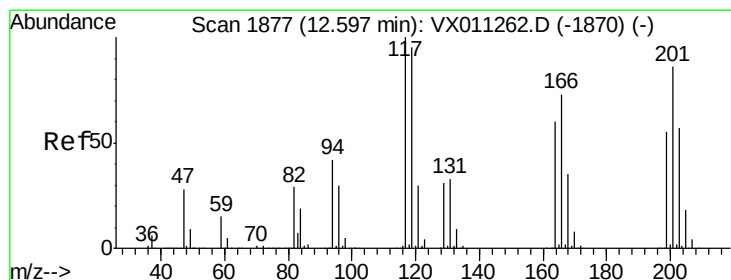
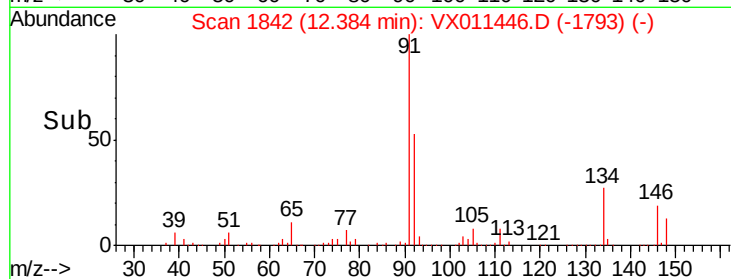
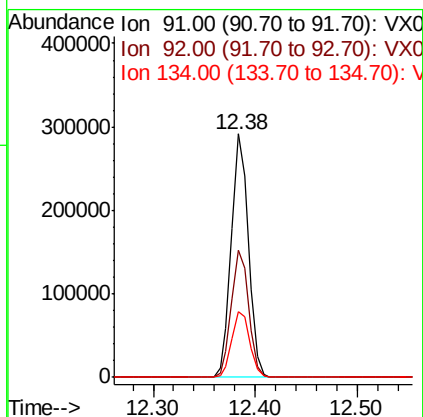
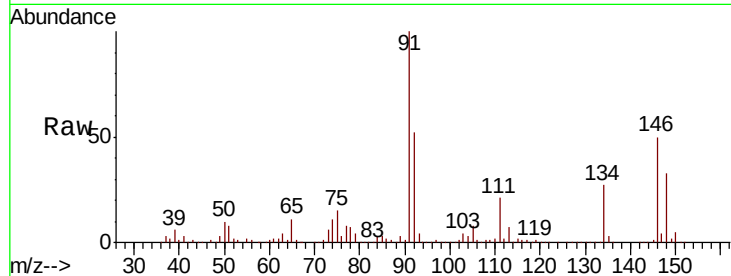




#89
n-Butylbenzene
Concen: 49.888 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011446.D
Acq: 11 Aug 2019 21:42

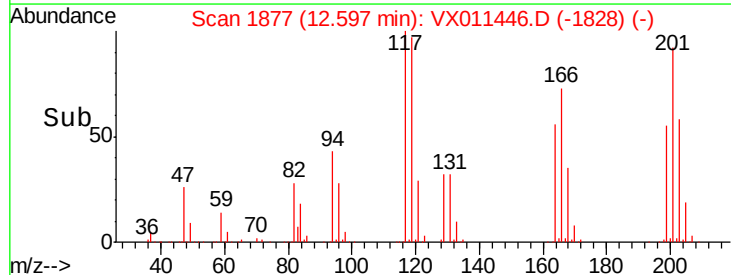
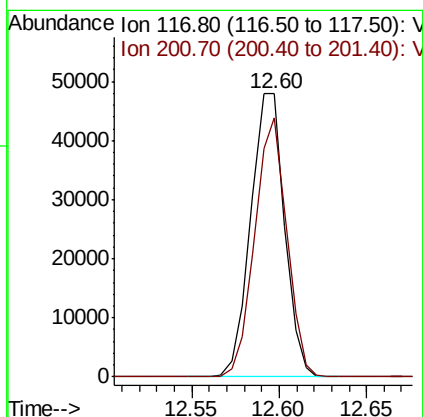
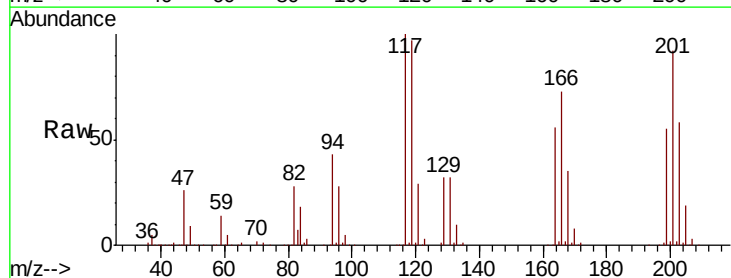
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

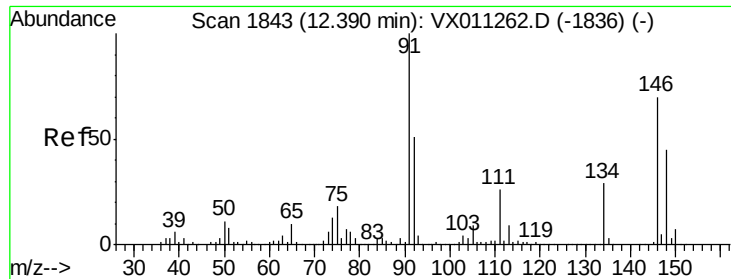
Tgt Ion: 91 Resp: 335554
Ion Ratio Lower Upper
91 100
92 52.9 25.8 77.3
134 28.2 13.7 41.0



#90
Hexachloroethane
Concen: 55.990 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX011446.D
Acq: 11 Aug 2019 21:42

Tgt Ion: 117 Resp: 64626
Ion Ratio Lower Upper
117 100
201 86.4 41.8 125.4

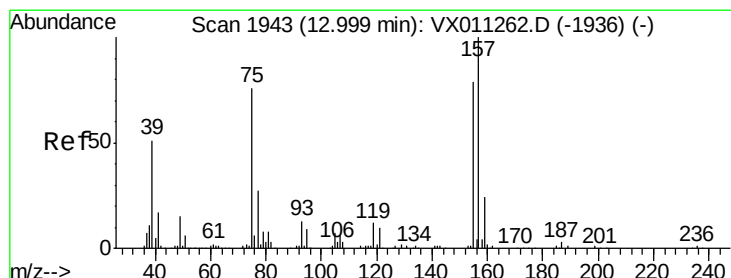
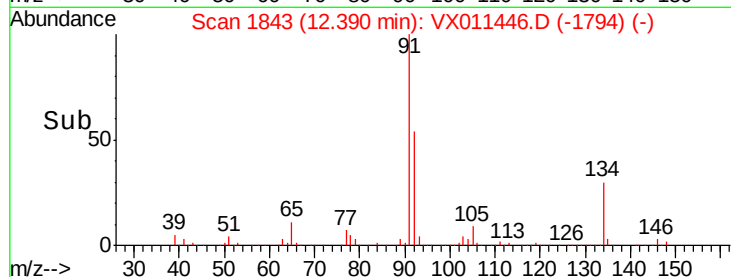
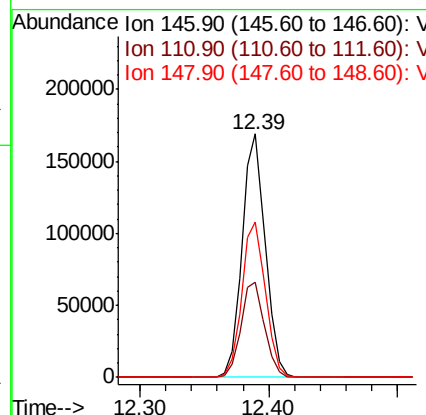
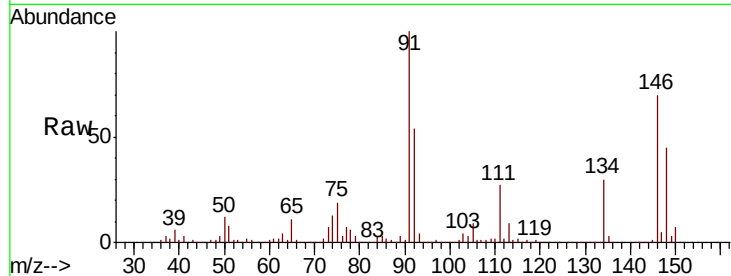




#91
 1,2-Dichlorobenzene
 Concen: 49.829 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX011446.D
 Acq: 11 Aug 2019 21:42

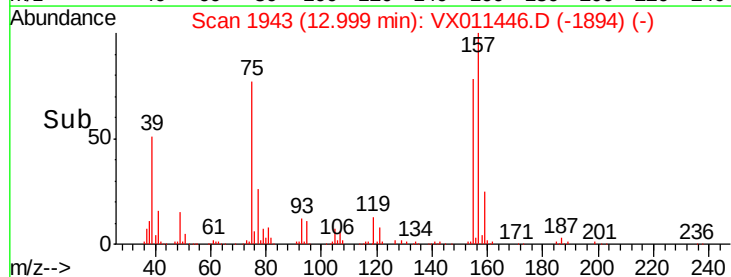
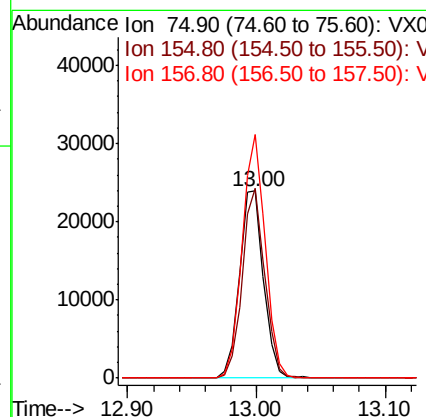
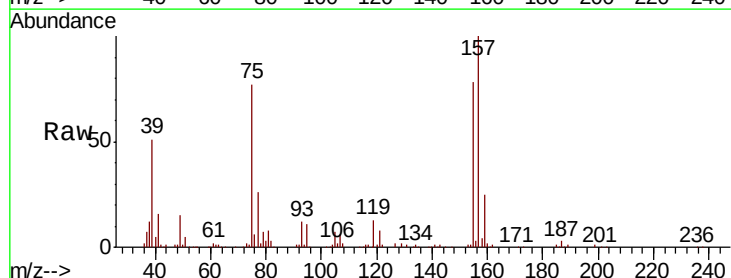
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

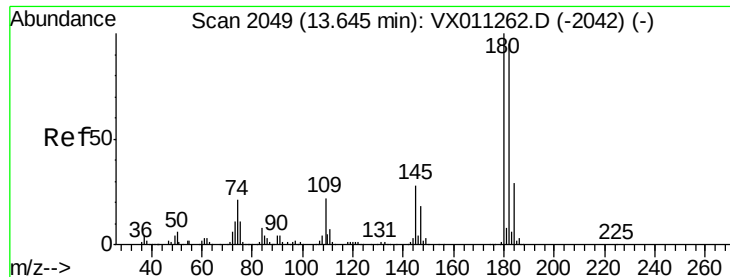
Tgt Ion: 146 Resp: 211042
 Ion Ratio Lower Upper
 146 100
 111 39.6 19.1 57.1
 148 64.4 32.3 96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.234 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX011446.D
 Acq: 11 Aug 2019 21:42

Tgt Ion: 75 Resp: 31236
 Ion Ratio Lower Upper
 75 100
 155 94.5 51.9 155.8
 157 123.2 64.3 192.7

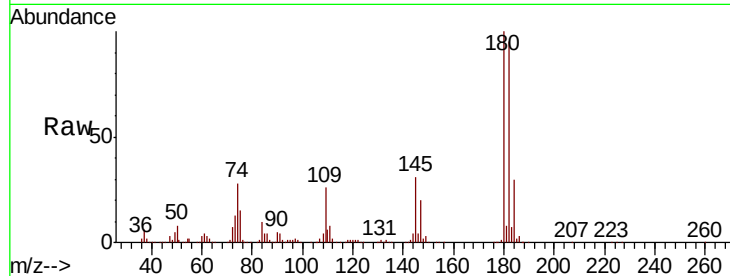




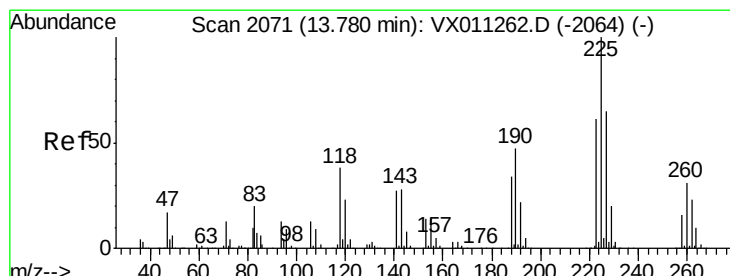
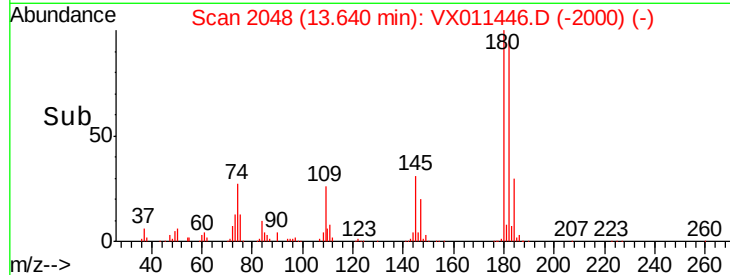
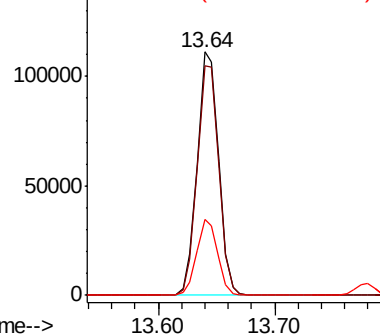
#93
 1,2,4-Trichlorobenzene
 Concen: 50.248 ug/l
 RT: 13.64 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: VX011446.D
 Acq: 11 Aug 2019 21:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.8	143.4
145	30.2	14.8	44.3

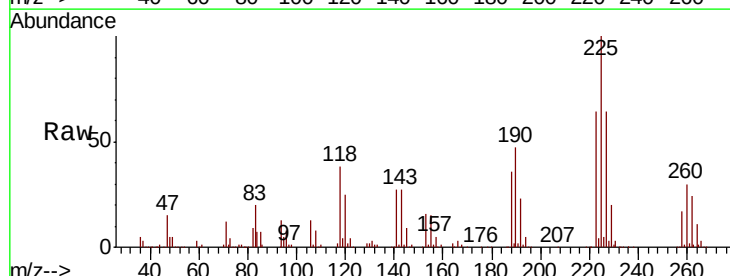


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

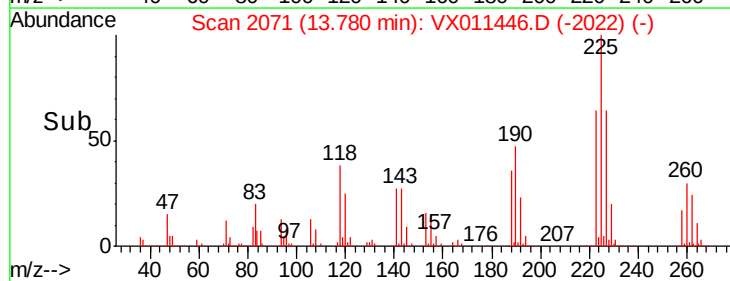
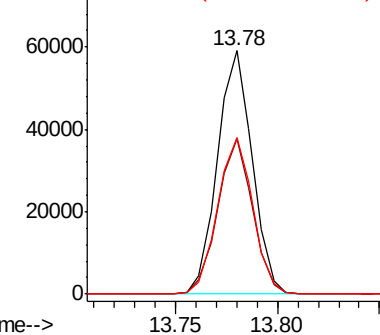


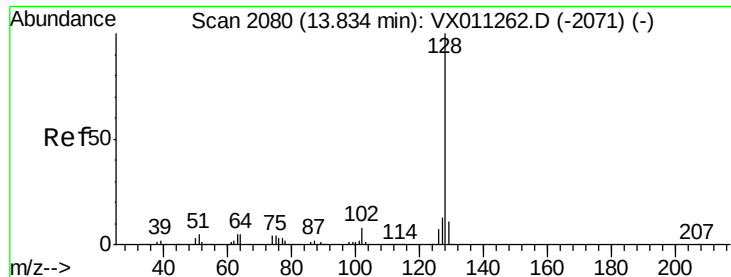
#94
 Hexachlorobutadiene
 Concen: 48.989 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX011446.D
 Acq: 11 Aug 2019 21:42

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	31.0	93.0
227	65.4	32.2	96.6



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

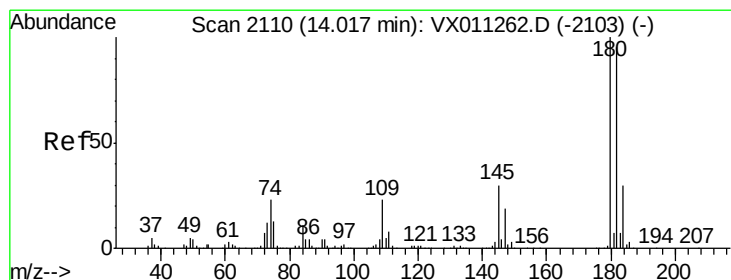
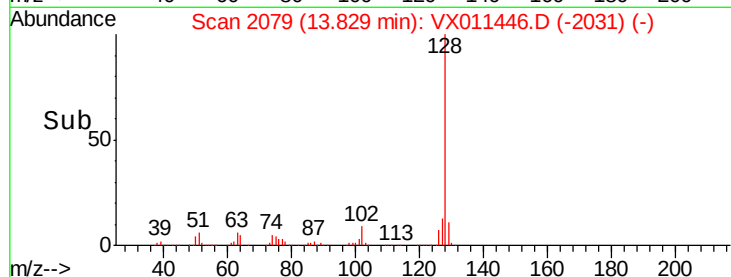
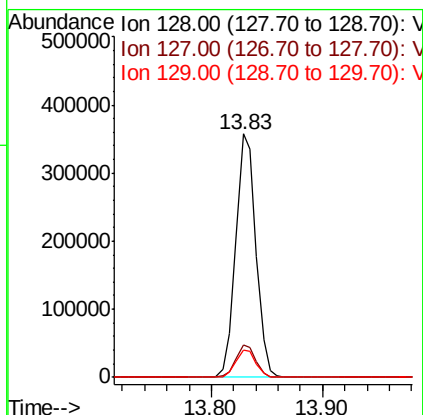
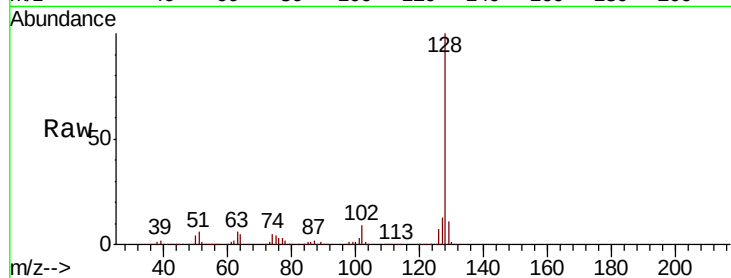




#95
Naphthalene
Concen: 54.395 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX011446.D
Acq: 11 Aug 2019 21:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 446794
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 11.1 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 51.068 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX011446.D
Acq: 11 Aug 2019 21:42

Tgt Ion:180 Resp: 145823
Ion Ratio Lower Upper
180 100
182 95.2 47.4 142.3
145 30.6 15.2 45.6

