

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070219\
 Data File : VX010631.D
 Acq On : 02 Jul 2019 20:41
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 03 02:00:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	218449	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	324800	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	301328	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	158014	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	110827	54.11	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	108.22%	
35) Dibromofluoromethane	5.50	113	107054	53.87	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	107.74%	
50) Toluene-d8	8.71	98	393295	51.73	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.46%	
62) 4-Bromofluorobenzene	11.13	95	149668	54.53	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	109.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	68791	45.295	ug/l	100
3) Chloromethane	1.32	50	74108	41.905	ug/l	98
4) Vinyl Chloride	1.41	62	85897	44.346	ug/l	98
5) Bromomethane	1.64	94	36814	39.012	ug/l	100
6) Chloroethane	1.71	64	59539	52.100	ug/l	97
7) Trichlorofluoromethane	1.92	101	158807	51.719	ug/l	99
8) Diethyl Ether	2.19	74	56939	51.708	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	91563	49.206	ug/l	99
10) Methyl Iodide	2.51	142	89747	33.795	ug/l	98
11) Tert butyl alcohol	3.05	59	134763	251.451	ug/l	99
12) 1,1-Dichloroethene	2.37	96	90667	47.884	ug/l	100
13) Acrolein	2.29	56	94624	266.149	ug/l	99
14) Allyl chloride	2.73	41	134840	50.160	ug/l	98
15) Acrylonitrile	3.14	53	282286	266.031	ug/l	100
16) Acetone	2.45	43	225562	219.742	ug/l	98
17) Carbon Disulfide	2.57	76	206043	40.560	ug/l	98
18) Methyl Acetate	2.78	43	112878	55.174	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	312215	52.414	ug/l	99
20) Methylene Chloride	2.85	84	106616	50.470	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	95868	47.076	ug/l	98
22) Diisopropyl ether	3.86	45	296752	52.799	ug/l	89
23) Vinyl Acetate	3.81	43	1304942	268.761	ug/l	98
24) 1,1-Dichloroethane	3.70	63	167976	51.704	ug/l	99
25) 2-Butanone	4.67	43	381490	253.360	ug/l	99
26) 2,2-Dichloropropane	4.58	77	120085	42.550	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	118291	50.267	ug/l	99
28) Bromochloromethane	5.01	49	77111	49.643	ug/l	95
29) Tetrahydrofuran	5.13	42	243673	261.268	ug/l	99
30) Chloroform	5.21	83	181967	52.057	ug/l	99
31) Cyclohexane	5.58	56	141379	47.788	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	159430	51.654	ug/l	99
36) 1,1-Dichloropropene	5.80	75	126435	48.986	ug/l	99
37) Ethyl Acetate	4.84	43	143604	54.083	ug/l	99
38) Carbon Tetrachloride	5.79	117	137400	49.161	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	157336	46.375	ug/l	97
40) Benzene	6.14	78	405380	50.413	ug/l	98
41) Methacrylonitrile	5.04	41	80160	55.021	ug/l	97
42) 1,2-Dichloroethane	6.19	62	134477	54.939	ug/l	98
43) Isopropyl Acetate	6.45	43	234164	53.303	ug/l	98
44) Trichloroethene	7.21	130	117325	48.761	ug/l	100
45) 1,2-Dichloropropane	7.51	63	104140	51.285	ug/l	97
46) Dibromomethane	7.66	93	75103	51.549	ug/l	97
47) Bromodichloromethane	7.90	83	139646	52.302	ug/l	99
48) Methyl methacrylate	7.77	41	113132	55.403	ug/l	99
49) 1,4-Dioxane	7.74	88	59756	1015.844	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	782177	278.389	ug/l	98
52) Toluene	8.78	92	266312	50.291	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	150494	50.275	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	163789	50.350	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	114399	52.382	ug/l	99
56) Ethyl methacrylate	9.18	69	177273	53.583	ug/l	97
57) 1,3-Dichloropropane	9.37	76	179944	53.079	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	388047	246.970	ug/l	99
59) 2-Hexanone	9.49	43	604131	273.202	ug/l	98
60) Dibromochloromethane	9.58	129	124701	50.997	ug/l	99
61) 1,2-Dibromoethane	9.67	107	122878	52.127	ug/l	99
64) Tetrachloroethene	9.34	164	108377	44.467	ug/l	99
65) Chlorobenzene	10.13	112	304643	49.798	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	113865	51.099	ug/l	99
67) Ethyl Benzene	10.25	91	523230	50.663	ug/l	98
68) m/p-Xylenes	10.36	106	404990	101.203	ug/l	98
69) o-Xylene	10.69	106	200567	50.966	ug/l	100
70) Styrene	10.71	104	345000	52.275	ug/l	99
71) Bromoform	10.85	173	96784	49.945	ug/l #	100
73) Isopropylbenzene	11.02	105	530233	49.502	ug/l	98
74) N-amyl acetate	10.90	43	218553	53.989	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	184779	52.090	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	199647	69.336	ug/l	80
77) Bromobenzene	11.26	156	145399	48.613	ug/l	97
78) n-propylbenzene	11.36	91	598629	50.851	ug/l	99
79) 2-Chlorotoluene	11.42	91	355133	50.660	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	451303	51.109	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	54646	44.274	ug/l	94
82) 4-Chlorotoluene	11.51	91	410732	51.491	ug/l	100
83) tert-Butylbenzene	11.77	119	450247	50.802	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	456719	51.481	ug/l	100
85) sec-Butylbenzene	11.94	105	530071	50.938	ug/l	100
86) p-Isopropyltoluene	12.06	119	489980	50.905	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	261518	50.091	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	262013	49.296	ug/l	99
89) n-Butylbenzene	12.38	91	419885	51.336	ug/l	99
90) Hexachloroethane	12.60	117	80584	48.418	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	258105	49.742	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	38285	50.057	ug/l	92

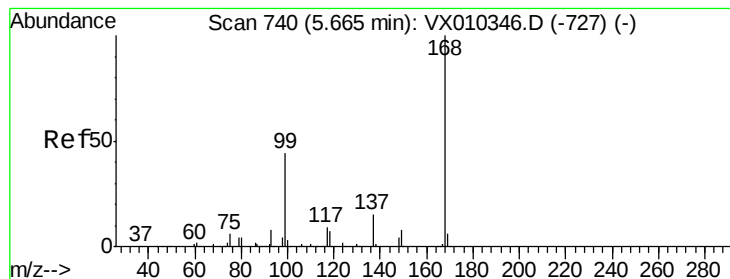
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	179954	50.009	ug/l	99
94) Hexachlorobutadiene	13.78	225	85044	48.357	ug/l	99
95) Naphthalene	13.83	128	568343	51.396	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	181448	50.716	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010631.D

Acq: 02 Jul 2019 20:41

Instrument :

MSVOA_X

ClientSampleId :

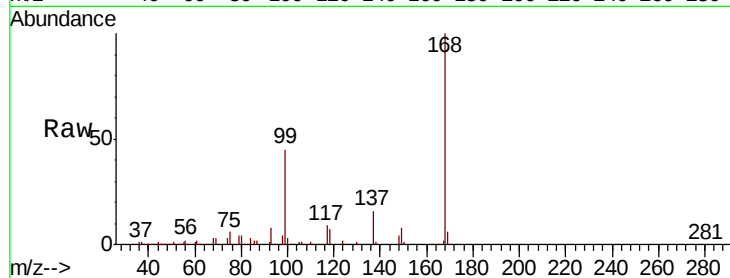
VSTDCCC050EC

Tot Ion:168 Resp: 218449

Ion Ratio Lower Upper

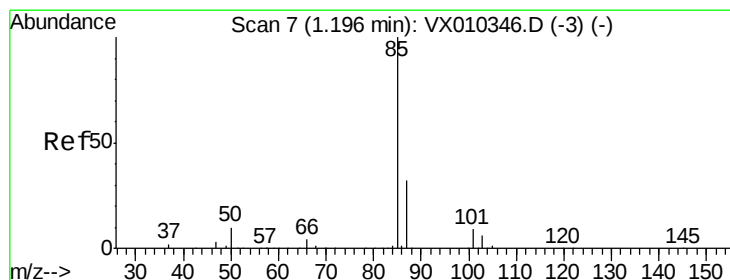
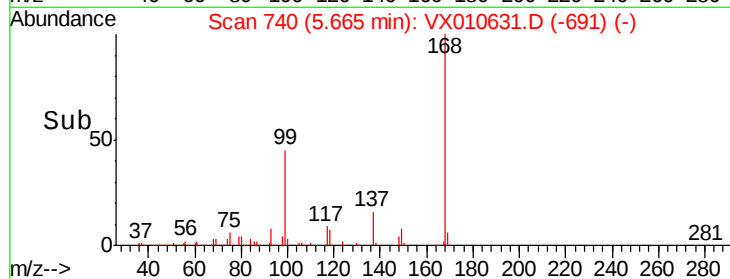
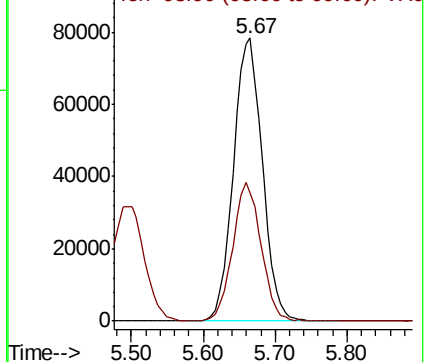
168 100

99 45.0 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 45.295 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010631.D

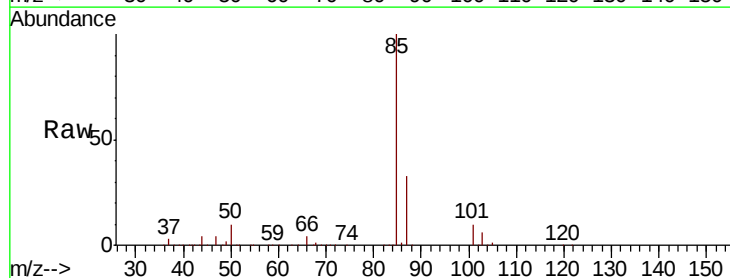
Acq: 02 Jul 2019 20:41

Tgt Ion: 85 Resp: 68791

Ion Ratio Lower Upper

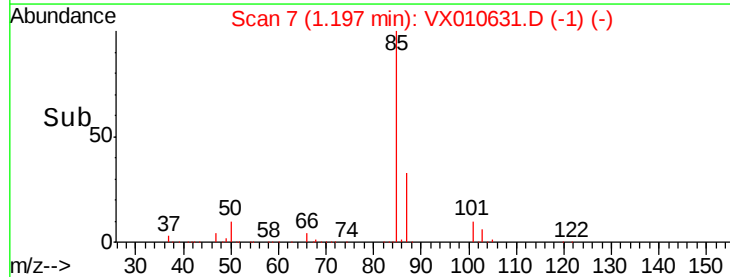
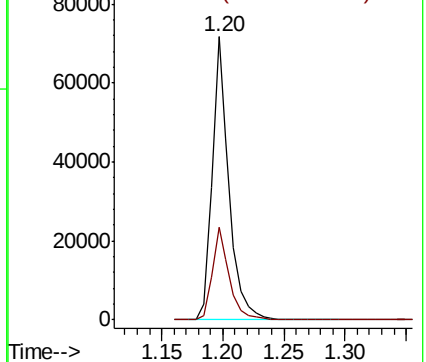
85 100

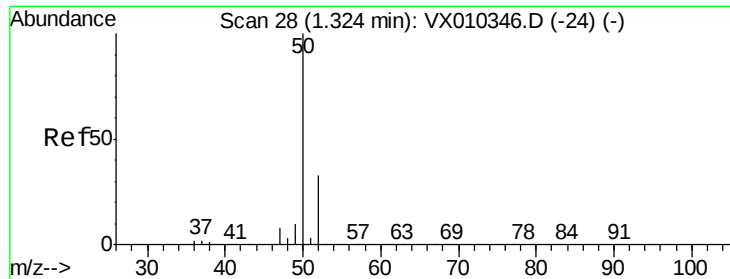
87 32.8 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 41.905 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010631.D

Acq: 02 Jul 2019 20:41

Instrument :

MSVOA_X

ClientSampleId :

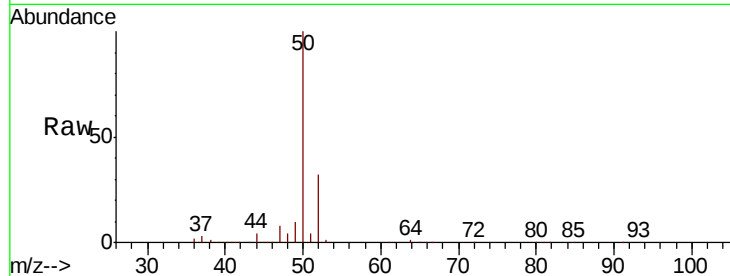
VSTDCCC050EC

Tot Ion: 50 Resp: 74108

Ion Ratio Lower Upper

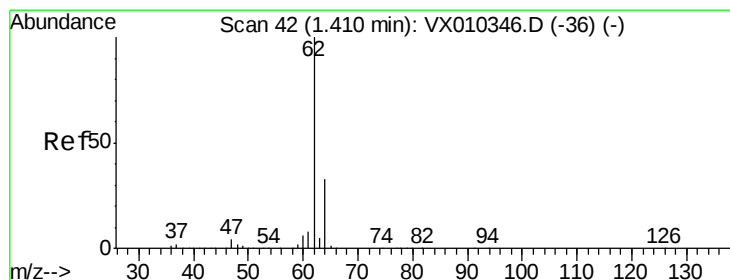
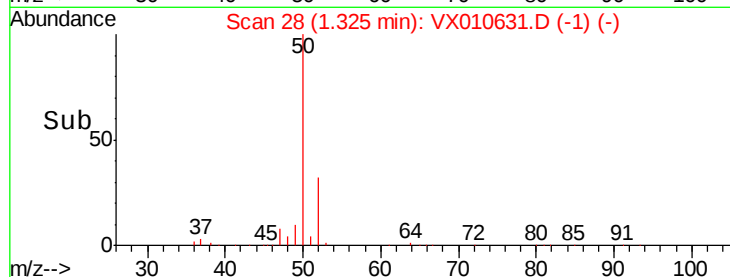
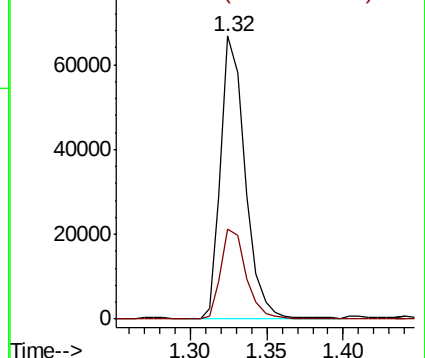
50 100

52 32.1 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 44.346 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010631.D

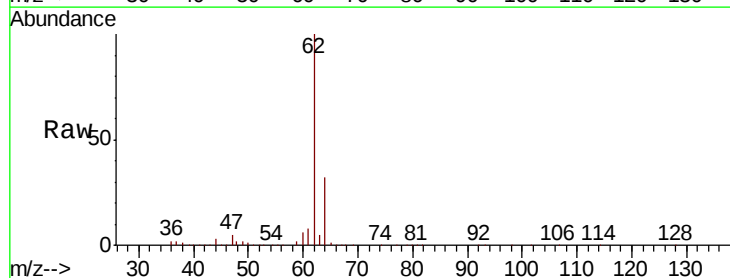
Acq: 02 Jul 2019 20:41

Tgt Ion: 62 Resp: 85897

Ion Ratio Lower Upper

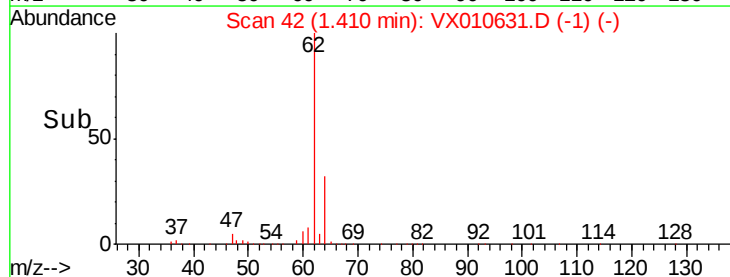
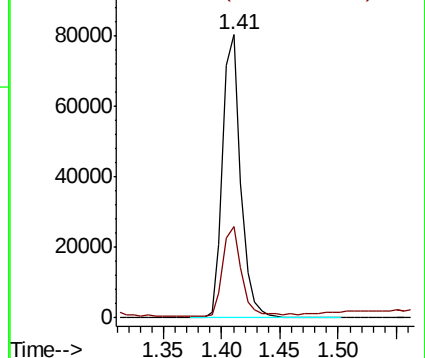
62 100

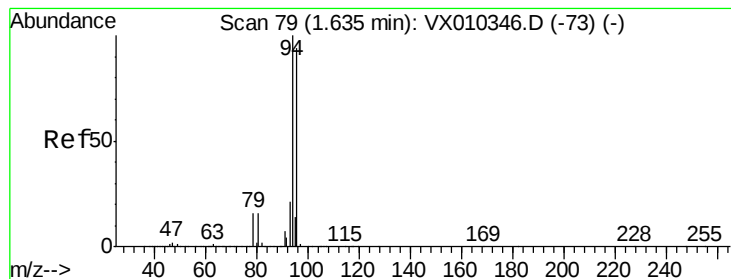
64 31.8 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 39.012 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010631.D

Acq: 02 Jul 2019 20:41

Instrument :

MSVOA_X

ClientSampleId :

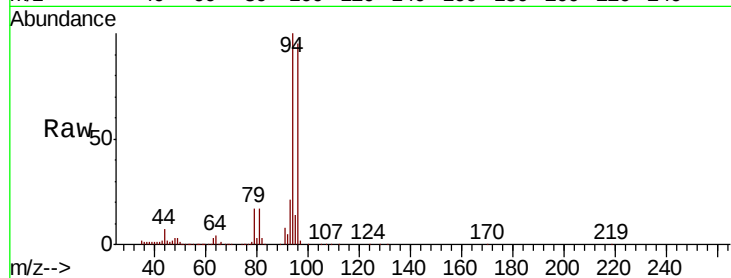
VSTDCCC050EC

Tot Ion: 94 Resp: 36814

Ion Ratio Lower Upper

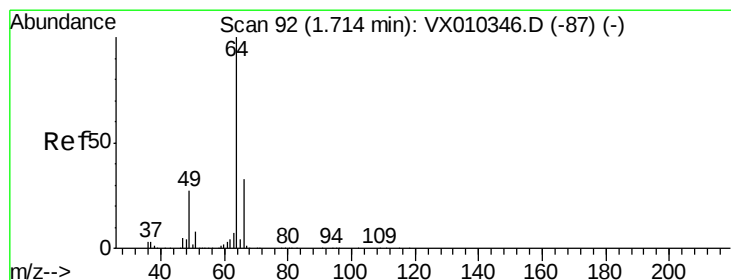
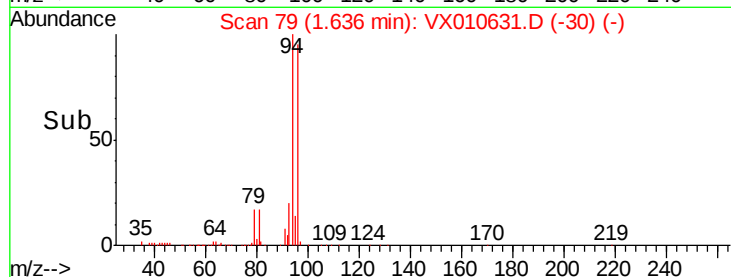
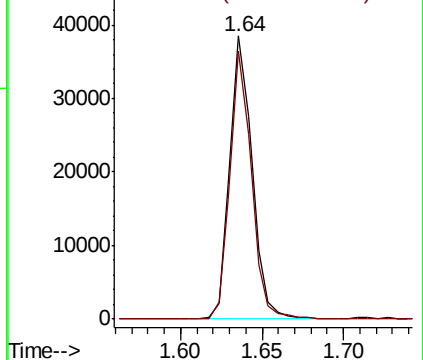
94 100

96 94.7 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 52.100 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010631.D

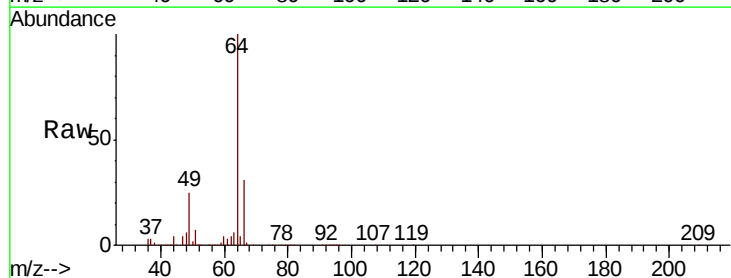
Acq: 02 Jul 2019 20:41

Tgt Ion: 64 Resp: 59539

Ion Ratio Lower Upper

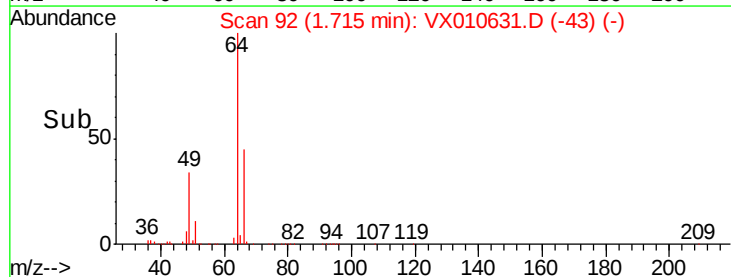
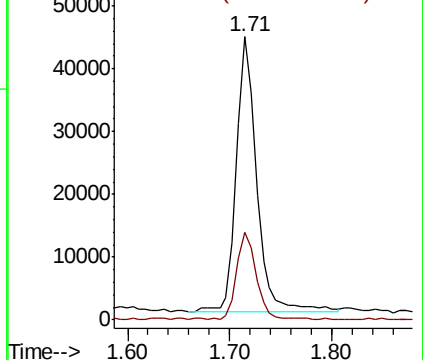
64 100

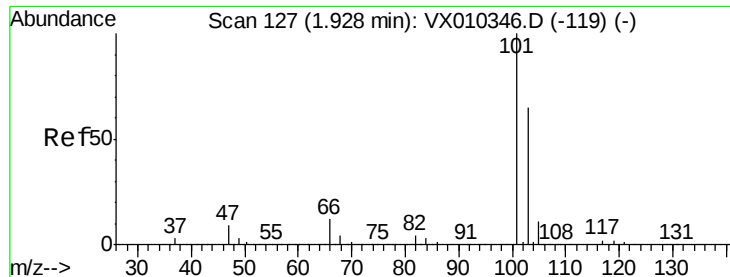
66 31.6 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



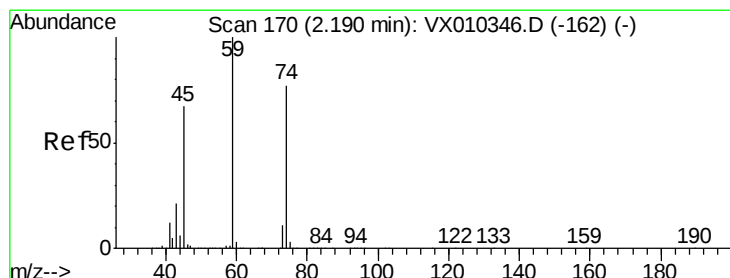
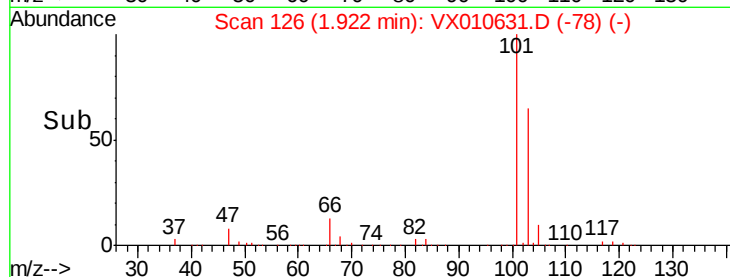
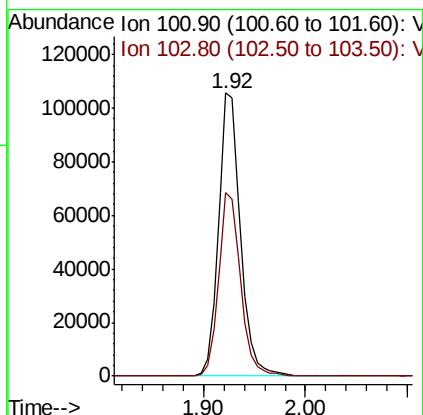
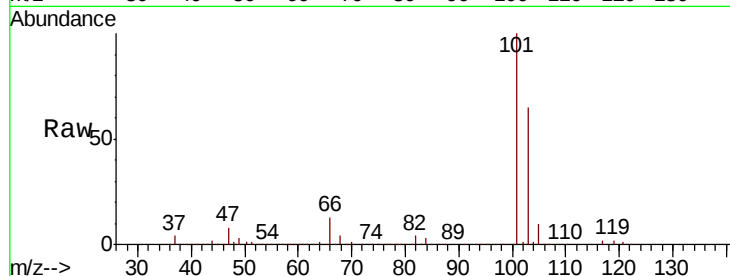


#7

Trichlorofluoromethane
 Concen: 51.719 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.01 min
 Lab File: VX010631.D
 Acq: 02 Jul 2019 20:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

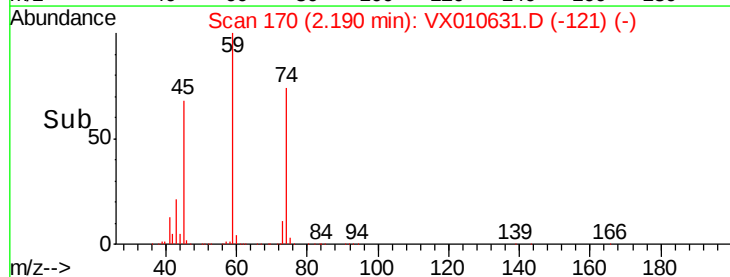
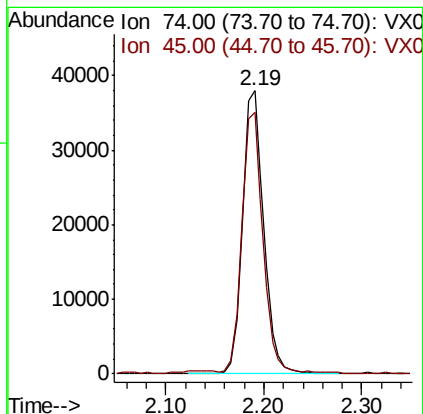
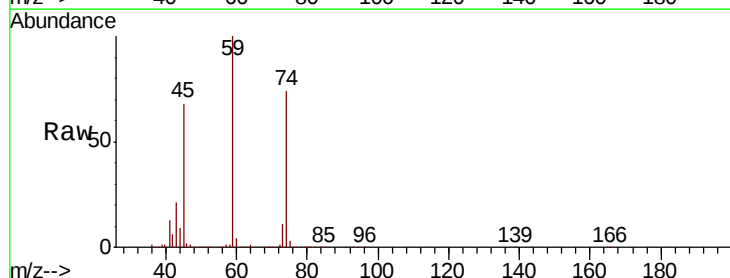
Tot Ion:101 Resp: 158807
 Ion Ratio Lower Upper
 101 100
 103 64.9 52.3 78.5



#8

Diethyl Ether
 Concen: 51.708 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX010631.D
 Acq: 02 Jul 2019 20:41

Tgt Ion: 74 Resp: 56939
 Ion Ratio Lower Upper
 74 100
 45 90.0 44.8 134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.206 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX010631.D

Acq: 02 Jul 2019 20:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

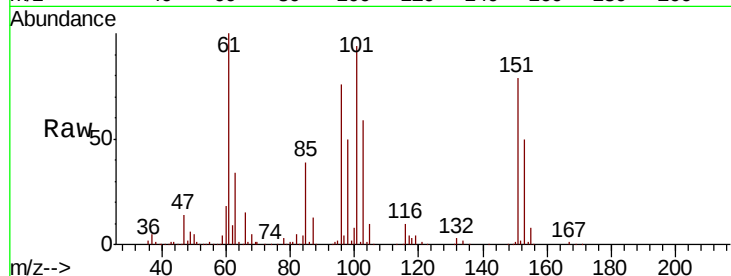
Tot Ion:101 Resp: 91563

Ion Ratio Lower Upper

101 100

85 42.3 33.7 50.5

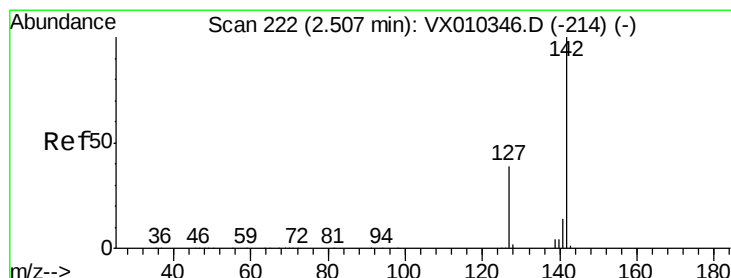
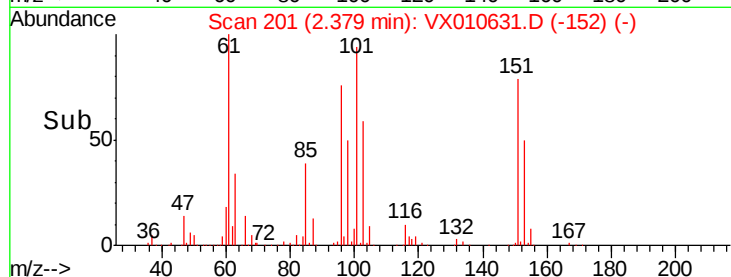
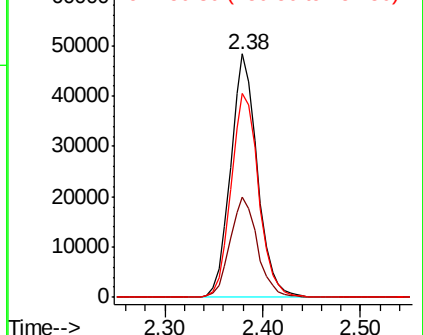
151 86.6 70.1 105.1



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: 33.795 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX010631.D

Acq: 02 Jul 2019 20:41

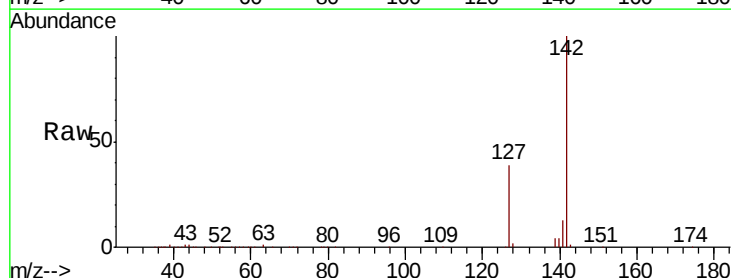
Tgt Ion:142 Resp: 89747

Ion Ratio Lower Upper

142 100

127 40.1 31.1 46.7

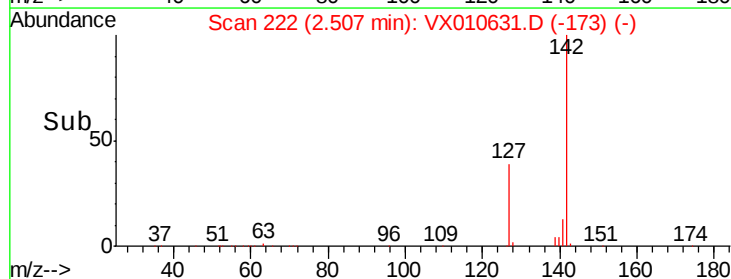
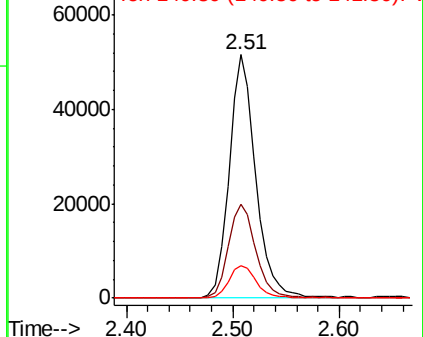
141 14.0 11.2 16.8



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



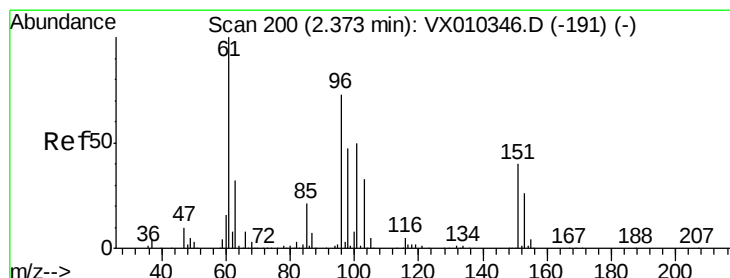
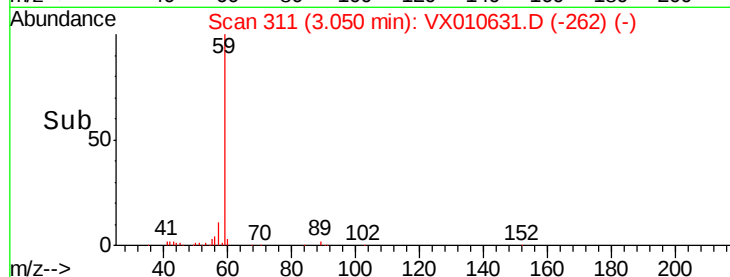
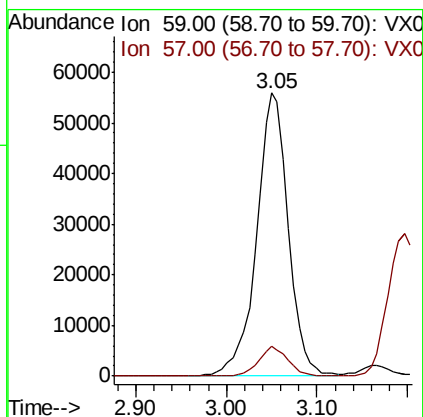
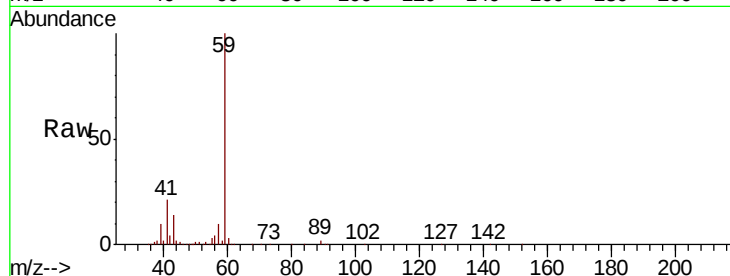


#11

Tert butyl alcohol
Concen: 251.451 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX010631.D
Acq: 02 Jul 2019 20:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

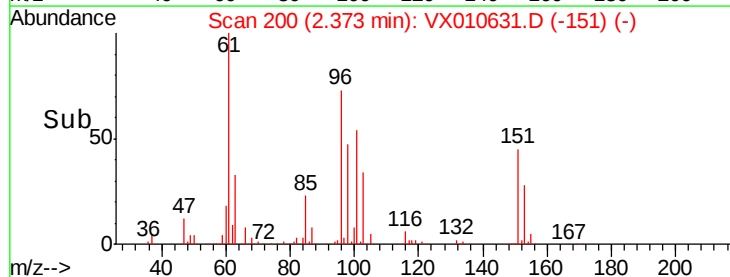
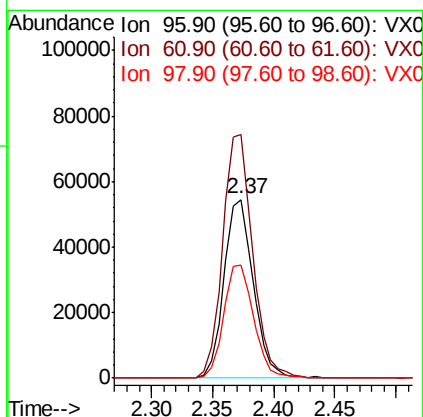
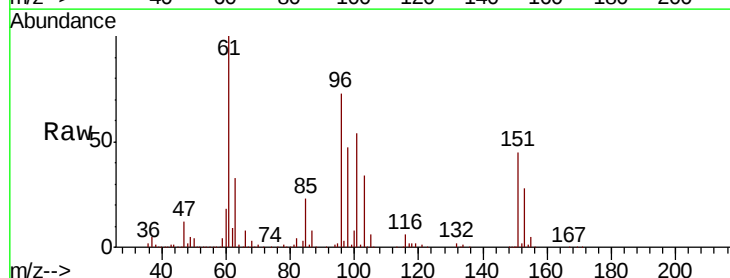
Tot Ion: 59 Resp: 134763
Ion Ratio Lower Upper
59 100
57 9.8 7.7 11.5



#12

1,1-Dichloroethene
Concen: 47.884 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX010631.D
Acq: 02 Jul 2019 20:41

Tgt Ion: 96 Resp: 90667
Ion Ratio Lower Upper
96 100
61 136.1 109.2 163.8
98 63.5 51.1 76.7





#13

Acrolein

Concen: 266.149 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010631.D

Acq: 02 Jul 2019 20:41

Instrument :

MSVOA_X

ClientSampleId :

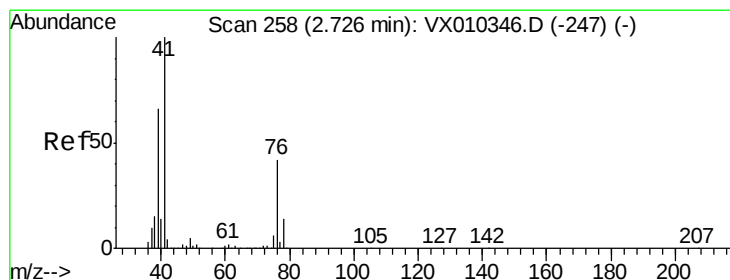
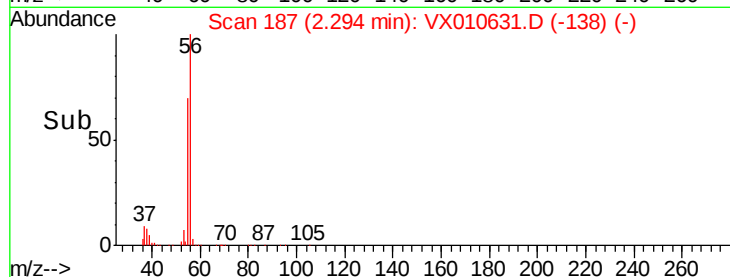
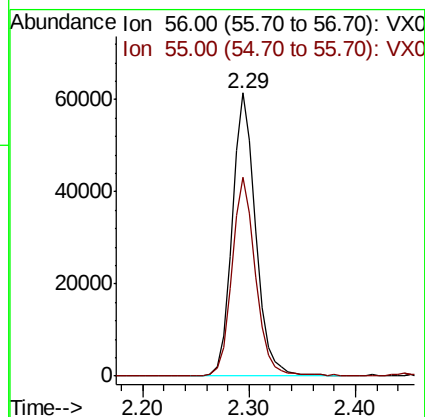
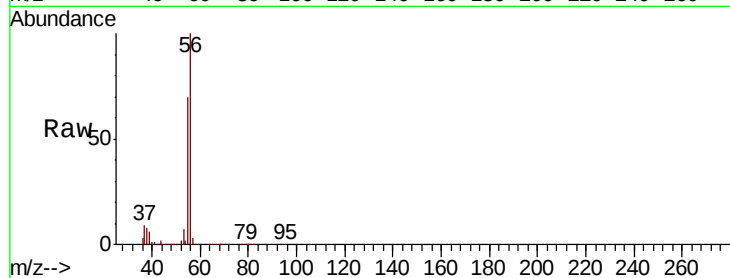
VSTDCCC050EC

Tot Ion: 56 Resp: 94624

Ion Ratio Lower Upper

56 100

55 70.6 56.9 85.3



#14

Allyl chloride

Concen: 50.160 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010631.D

Acq: 02 Jul 2019 20:41

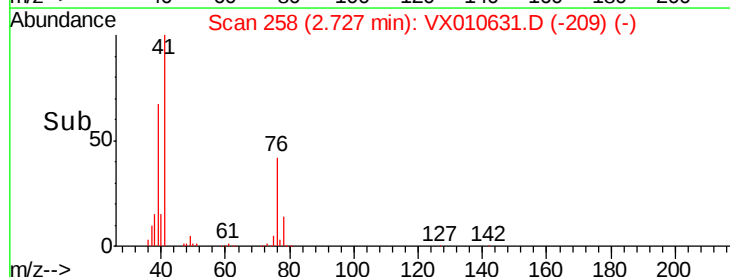
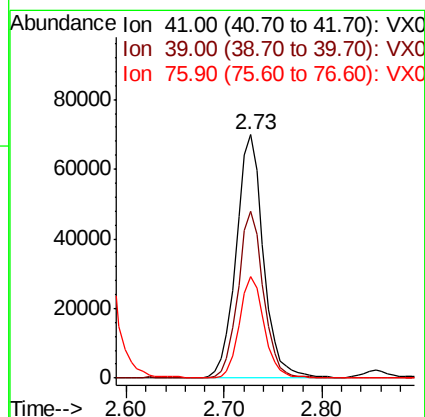
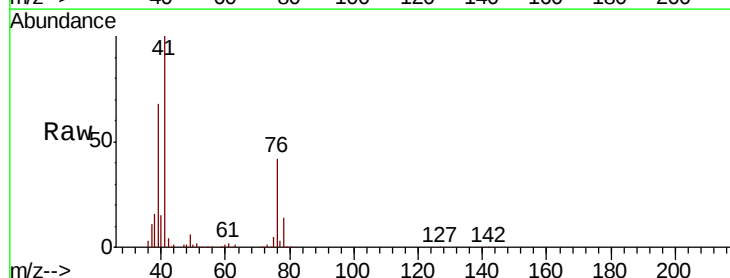
Tgt Ion: 41 Resp: 134840

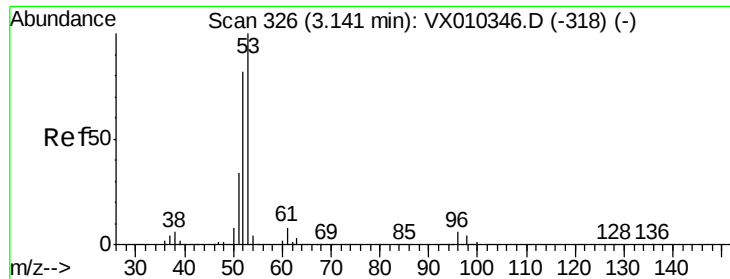
Ion Ratio Lower Upper

41 100

39 64.0 50.3 75.5

76 38.0 31.3 46.9





#15

Acrylonitrile

Concen: 266.031 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010631.D

Acq: 02 Jul 2019 20:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

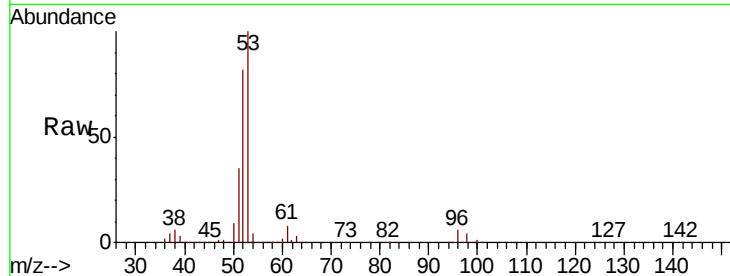
Tot Ion: 53 Resp: 282286

Ion Ratio Lower Upper

53 100

52 82.3 65.5 98.3

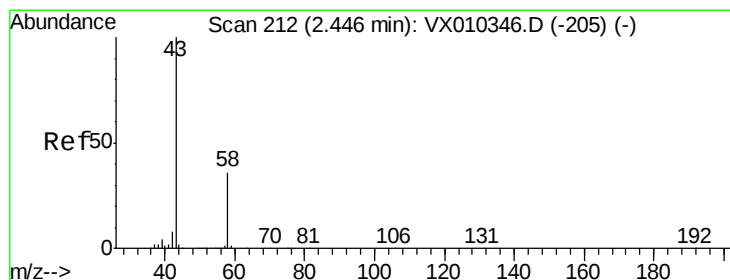
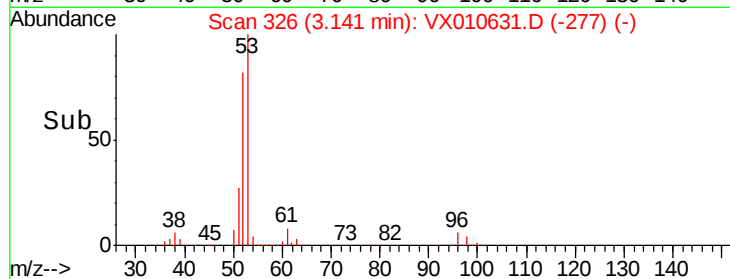
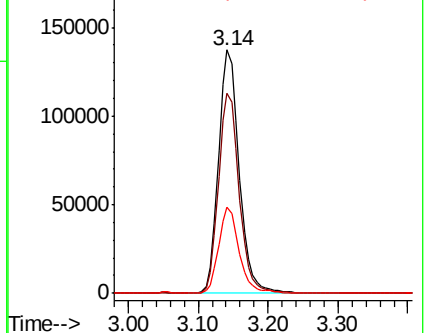
51 35.0 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 219.742 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010631.D

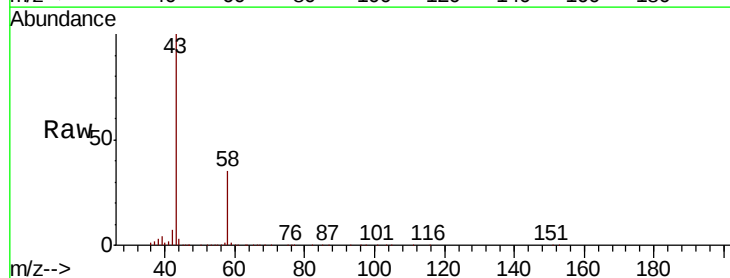
Acq: 02 Jul 2019 20:41

Tgt Ion: 43 Resp: 225562

Ion Ratio Lower Upper

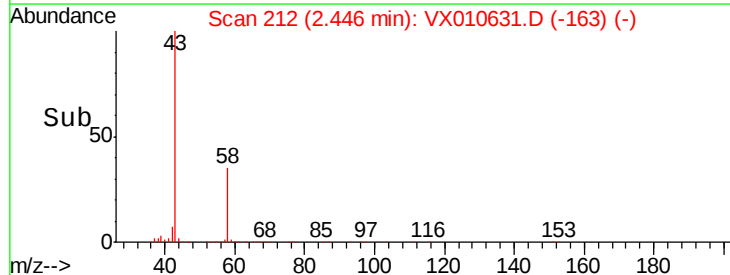
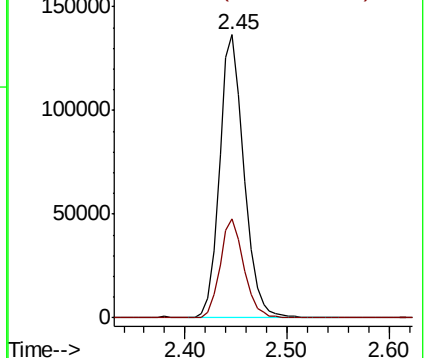
43 100

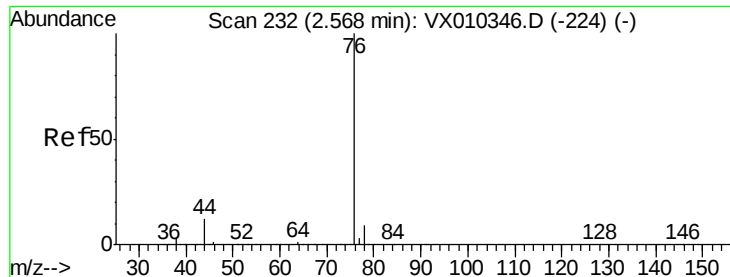
58 35.0 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

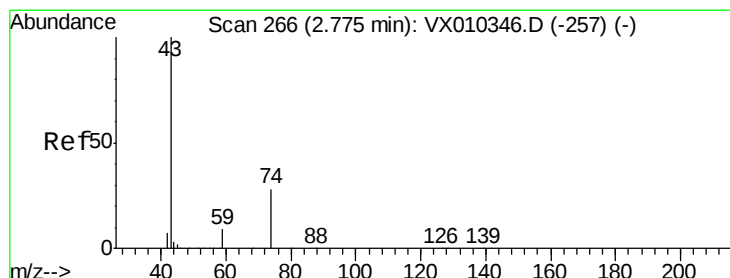
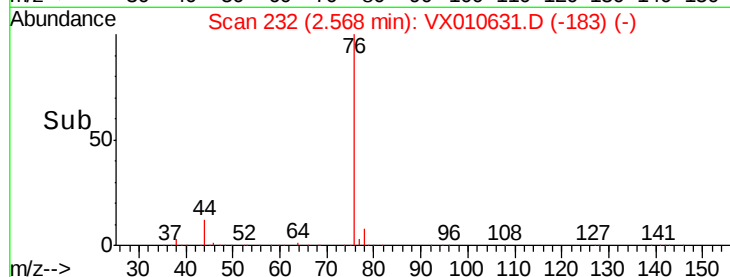
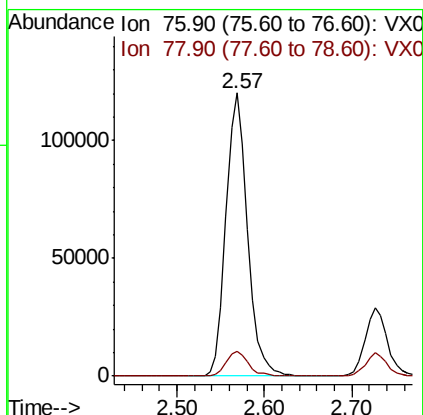
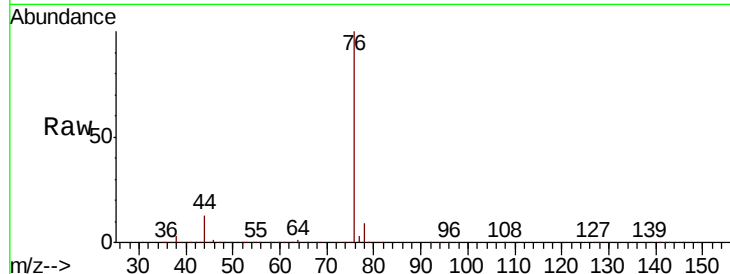




#17
Carbon Disulfide
Concen: 40.560 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010631.D
Acq: 02 Jul 2019 20:41

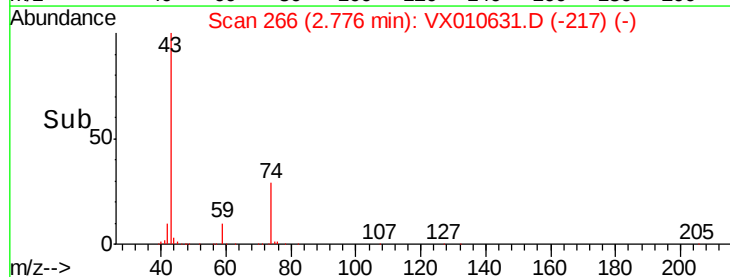
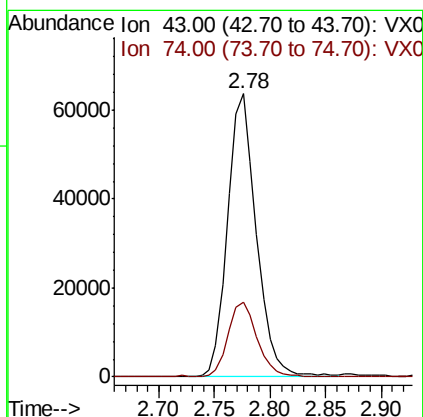
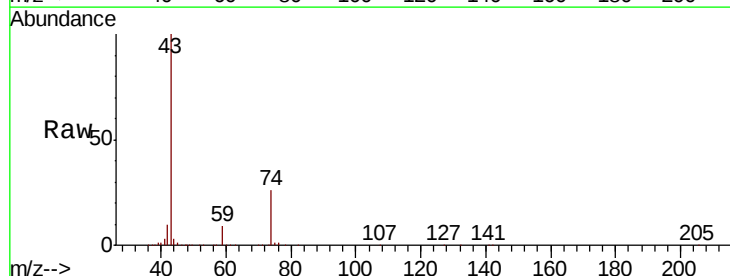
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

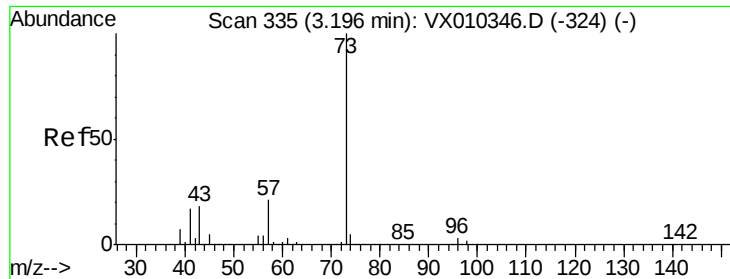
Tot Ion: 76 Resp: 206043
Ion Ratio Lower Upper
76 100
78 8.5 7.3 10.9



#18
Methyl Acetate
Concen: 55.174 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX010631.D
Acq: 02 Jul 2019 20:41

Tgt Ion: 43 Resp: 112878
Ion Ratio Lower Upper
43 100
74 27.8 21.3 31.9

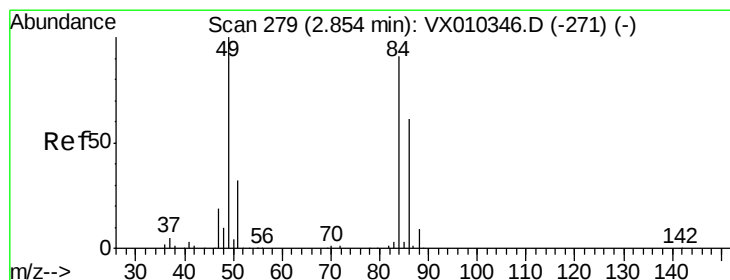
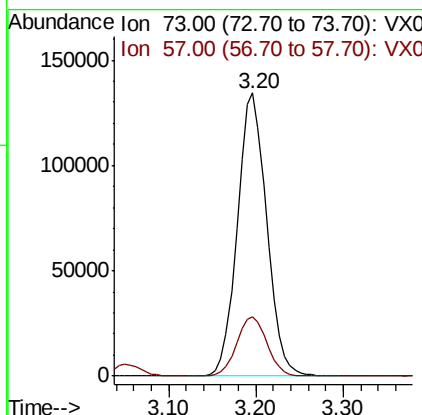
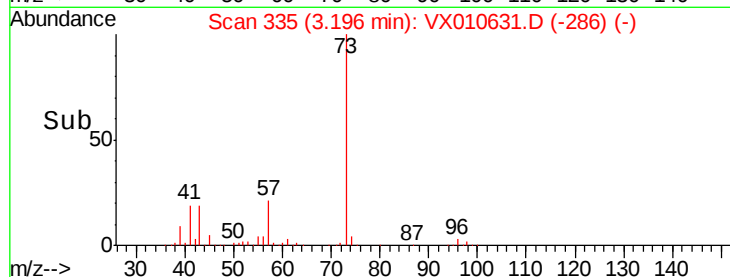
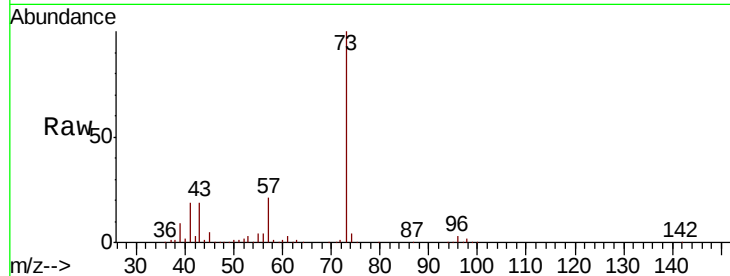




#19
Methyl tert-butyl Ether
Concen: 52.414 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX010631.D
Acq: 02 Jul 2019 20:41

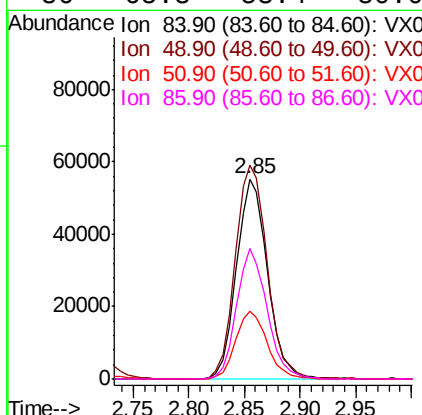
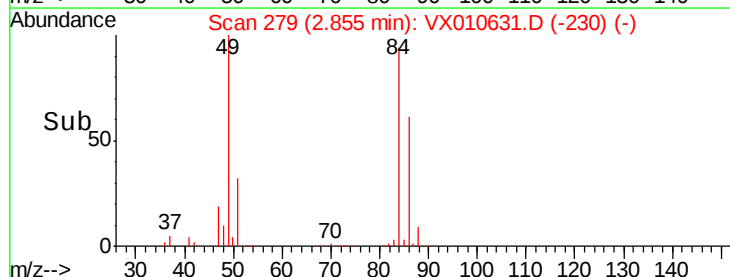
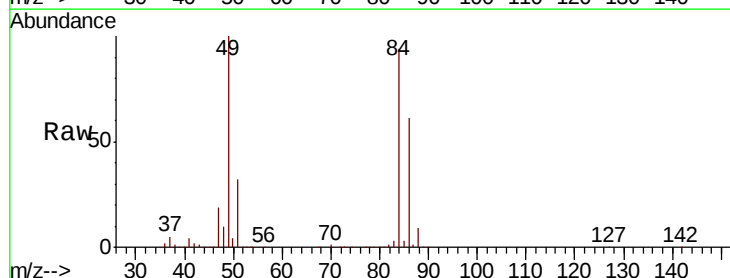
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

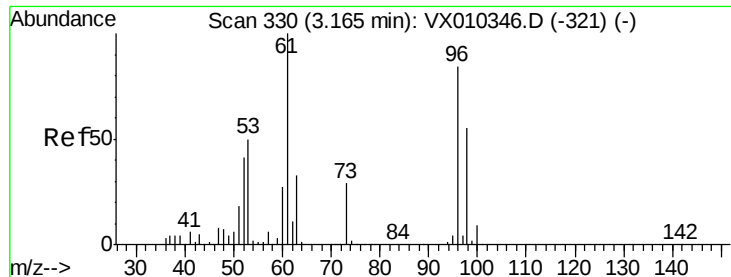
Tot Ion: 73 Resp: 312215
Ion Ratio Lower Upper
73 100
57 20.9 16.4 24.6



#20
Methylene Chloride
Concen: 50.470 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010631.D
Acq: 02 Jul 2019 20:41

Tgt Ion: 84 Resp: 106616
Ion Ratio Lower Upper
84 100
49 106.7 87.5 131.3
51 34.0 27.7 41.5
86 65.3 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 47.076 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010631.D

Acq: 02 Jul 2019 20:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

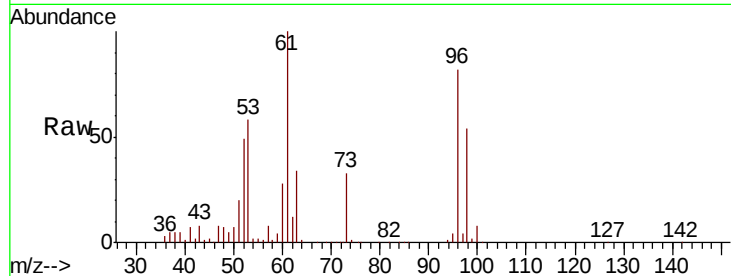
Tot Ion: 96 Resp: 95868

Ion Ratio Lower Upper

96 100

61 121.8 95.6 143.4

98 66.1 52.5 78.7

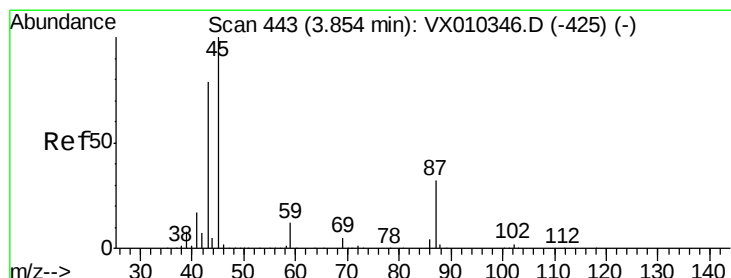
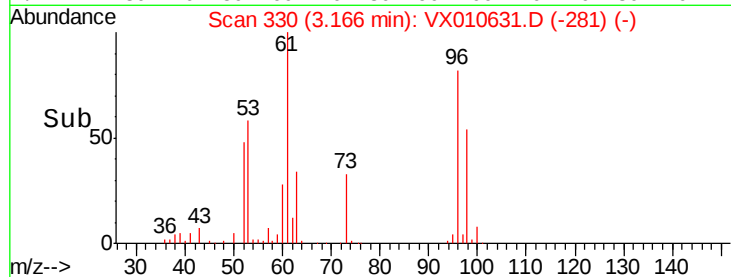
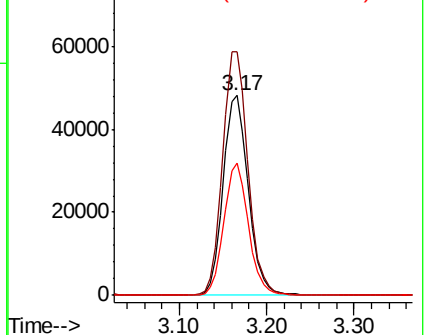


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 52.799 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX010631.D

Acq: 02 Jul 2019 20:41

Tgt Ion: 45 Resp: 296752

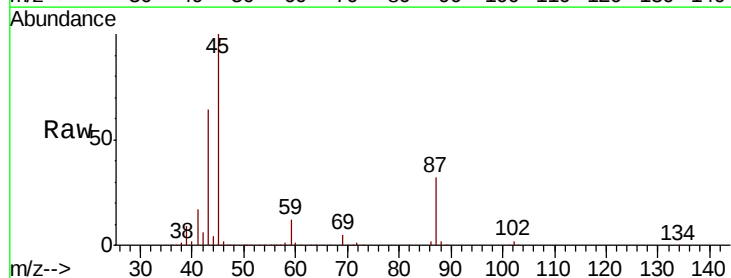
Ion Ratio Lower Upper

45 100

43 64.3 63.3 94.9

87 31.8 25.8 38.8

59 12.0 9.6 14.4



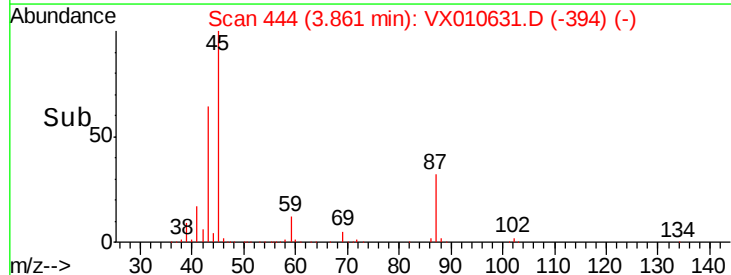
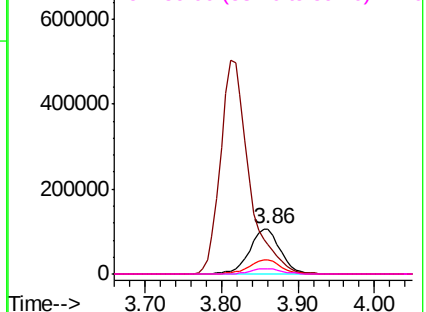
Abundance

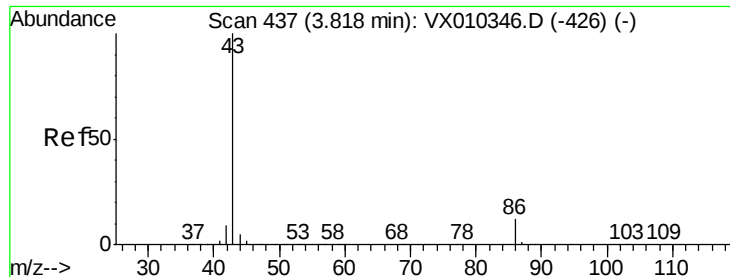
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 268.761 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010631.D

Acq: 02 Jul 2019 20:41

Instrument :

MSVOA_X

ClientSampleId :

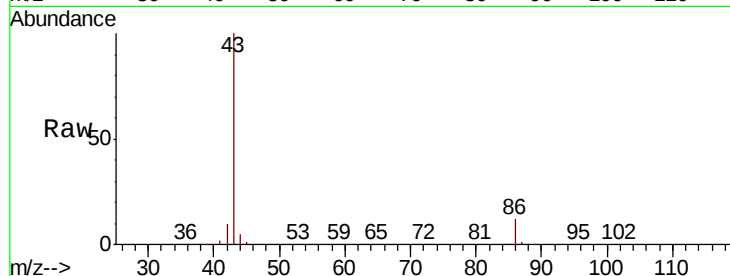
VSTDCCC050EC

Tot Ion: 43 Resp: 1304942

Ion Ratio Lower Upper

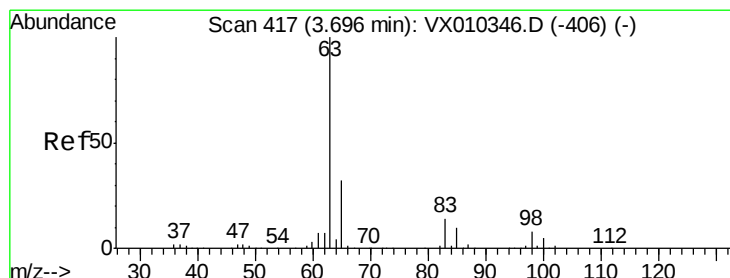
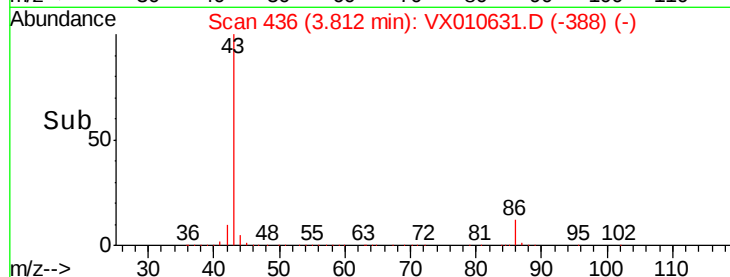
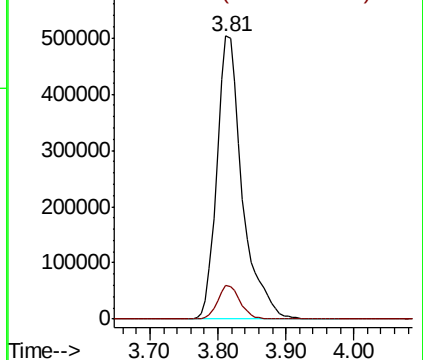
43 100

86 11.8 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 51.704 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010631.D

Acq: 02 Jul 2019 20:41

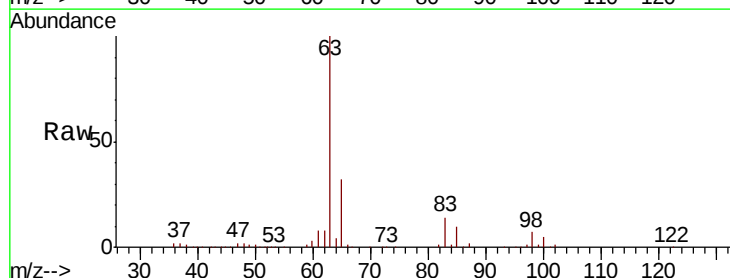
Tgt Ion: 63 Resp: 167976

Ion Ratio Lower Upper

63 100

98 7.3 3.9 11.7

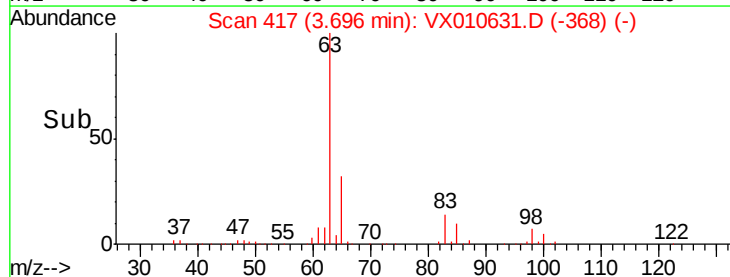
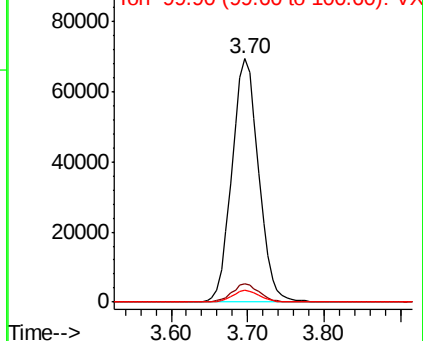
100 4.7 2.4 7.1

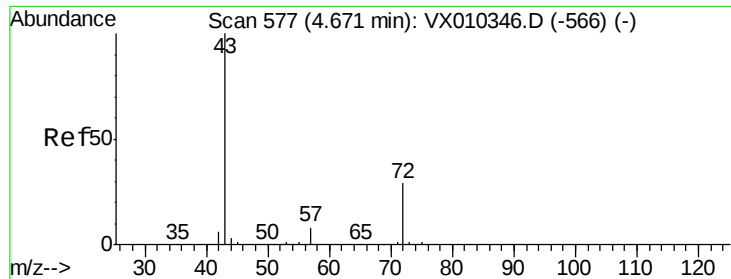


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 253.360 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010631.D

Acq: 02 Jul 2019 20:41

Instrument :

MSVOA_X

ClientSampleId :

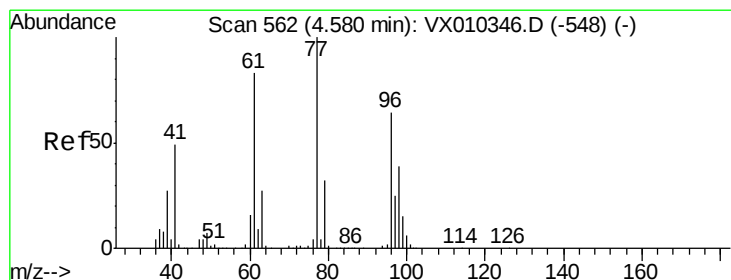
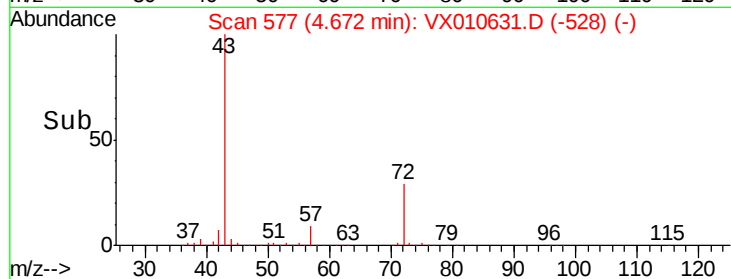
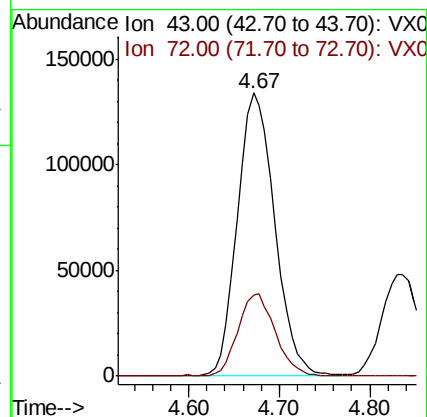
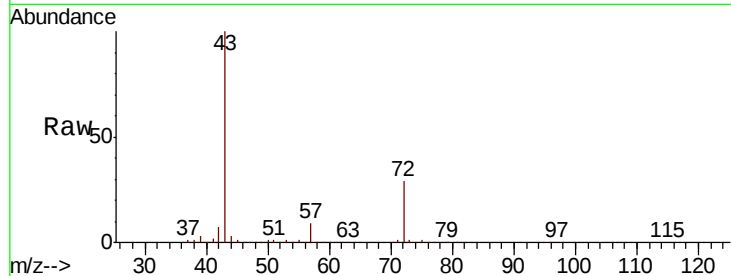
VSTDCCC050EC

Tot Ion: 43 Resp: 381490

Ion Ratio Lower Upper

43 100

72 28.8 23.3 34.9



#26

2,2-Dichloropropane

Concen: 42.550 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX010631.D

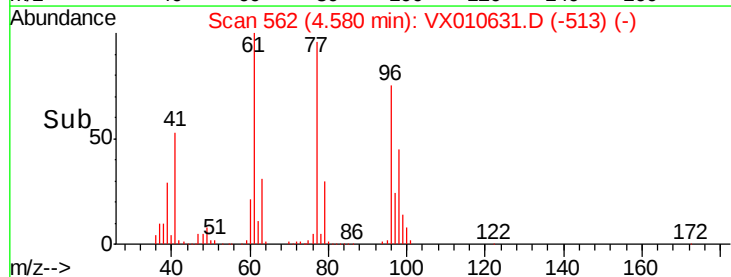
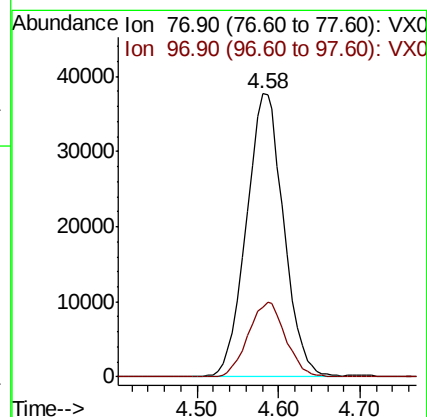
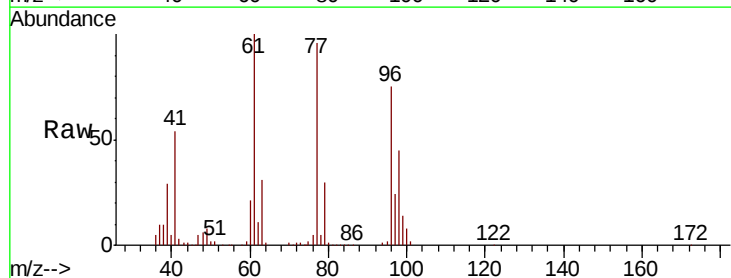
Acq: 02 Jul 2019 20:41

Tgt Ion: 77 Resp: 120085

Ion Ratio Lower Upper

77 100

97 26.4 13.1 39.3



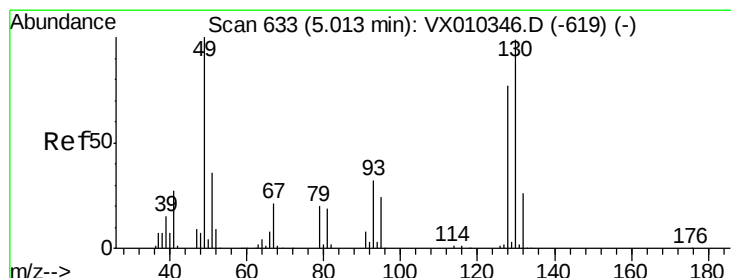
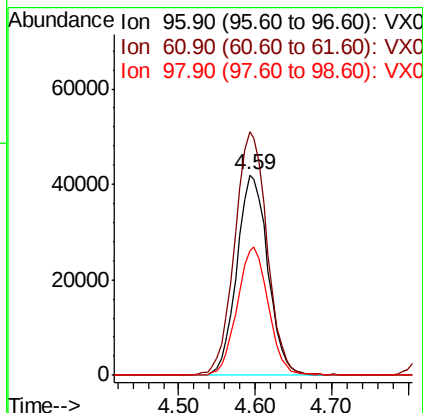
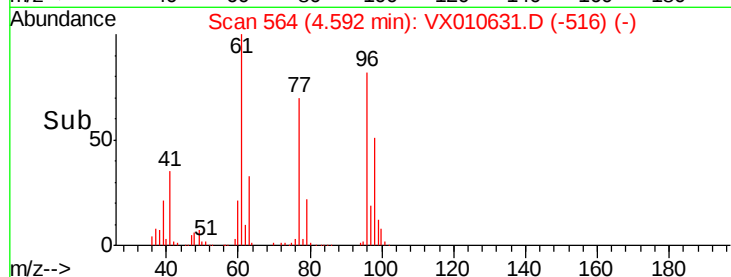
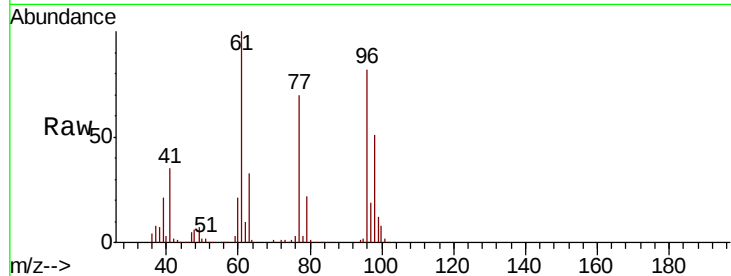


#27

cis-1,2-Dichloroethene
 Concen: 50.267 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX010631.D
 Acq: 02 Jul 2019 20:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

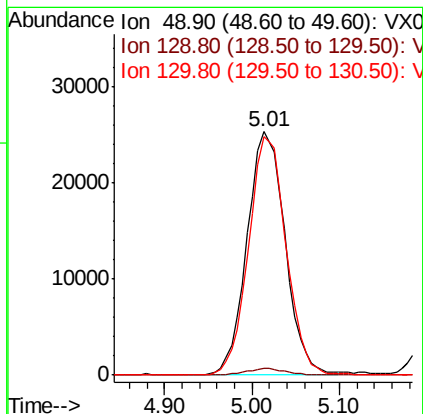
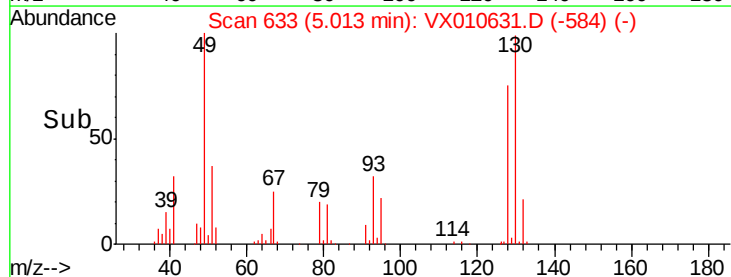
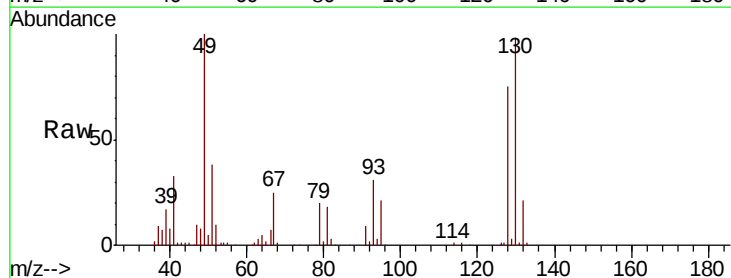
Tot Ion	Ratio	Lower	Upper
96	100		
61	126.7	0.0	251.8
98	64.3	0.0	129.4

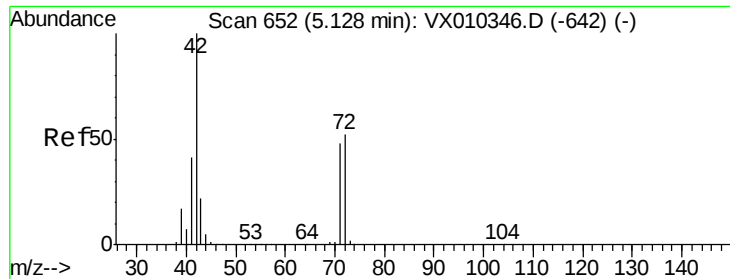


#28

Bromochloromethane
 Concen: 49.643 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VX010631.D
 Acq: 02 Jul 2019 20:41

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.6
130	96.4	81.4	122.0

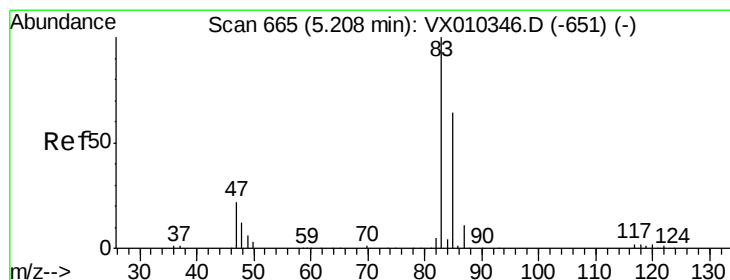
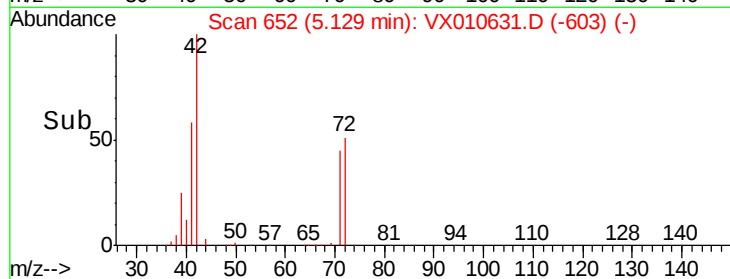
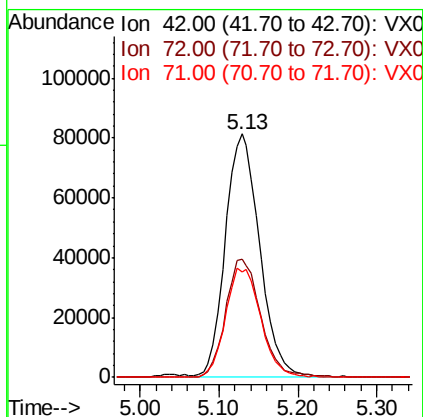
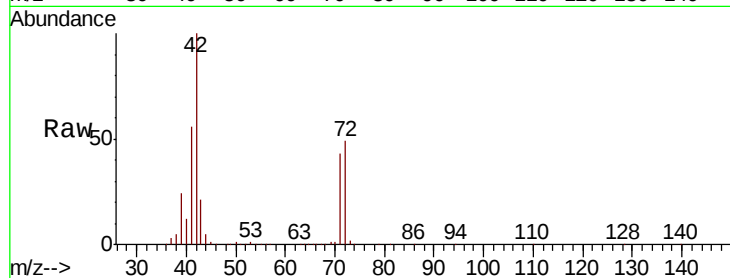




#29
Tetrahydrofuran
Concen: 261.268 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX010631.D
Acq: 02 Jul 2019 20:41

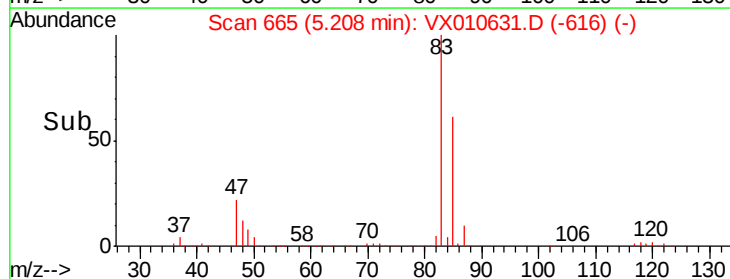
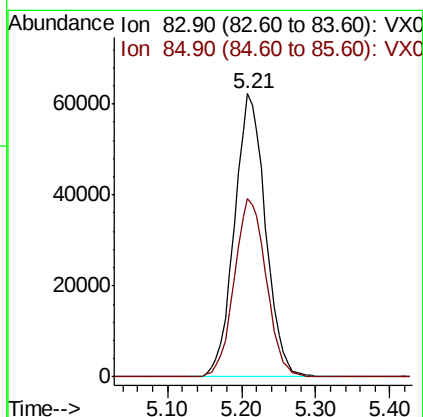
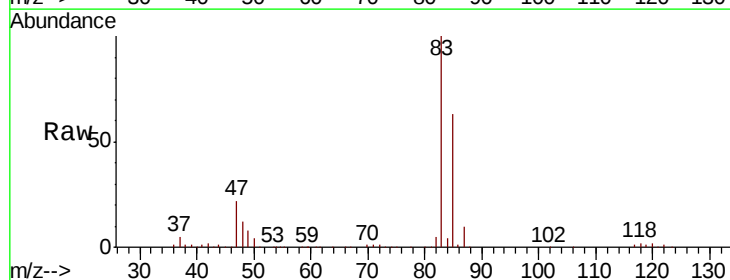
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

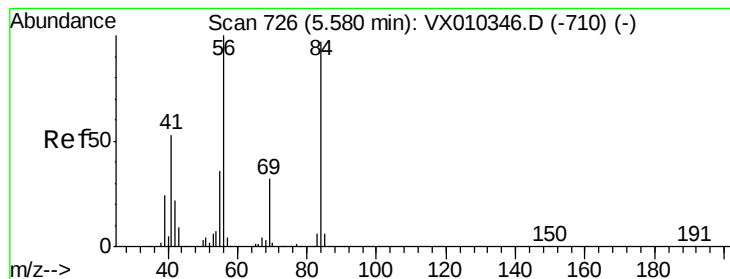
Tot Ion: 42 Resp: 243673
Ion Ratio Lower Upper
42 100
72 50.3 40.6 60.8
71 46.5 37.8 56.8



#30
Chloroform
Concen: 52.057 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX010631.D
Acq: 02 Jul 2019 20:41

Tgt Ion: 83 Resp: 181967
Ion Ratio Lower Upper
83 100
85 63.1 50.9 76.3





#31

Cyclohexane

Concen: 47.788 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010631.D

Acq: 02 Jul 2019 20:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

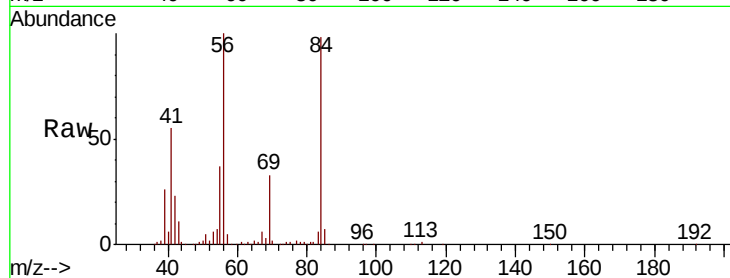
Tot Ion: 56 Resp: 141379

Ion Ratio Lower Upper

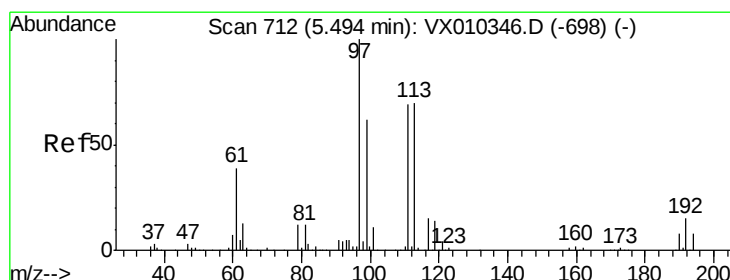
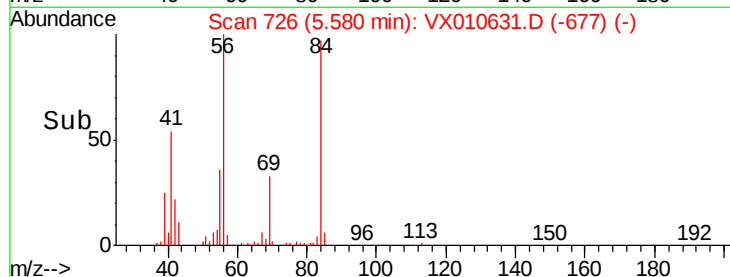
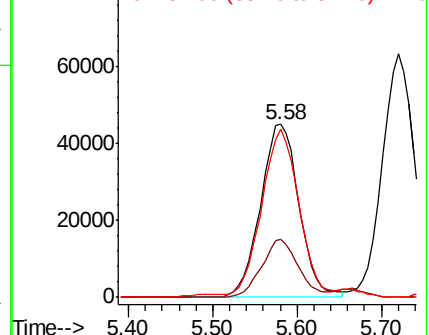
56 100

69 33.3 25.9 38.9

84 96.3 78.0 117.0



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: 51.654 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX010631.D

Acq: 02 Jul 2019 20:41

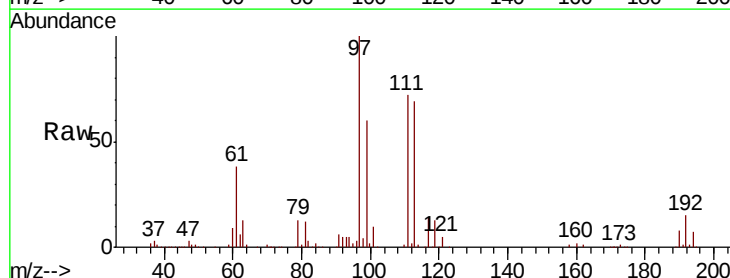
Tgt Ion: 97 Resp: 159430

Ion Ratio Lower Upper

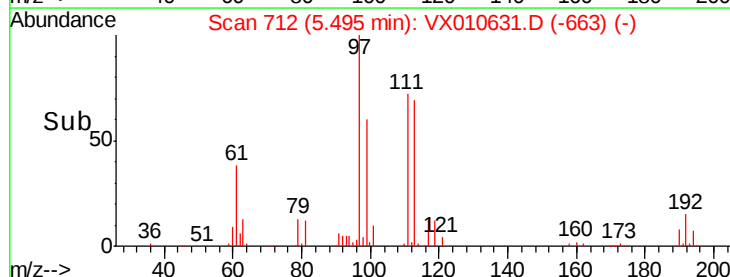
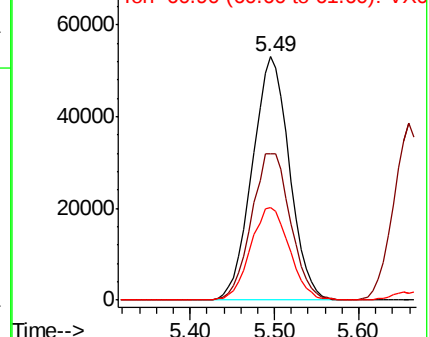
97 100

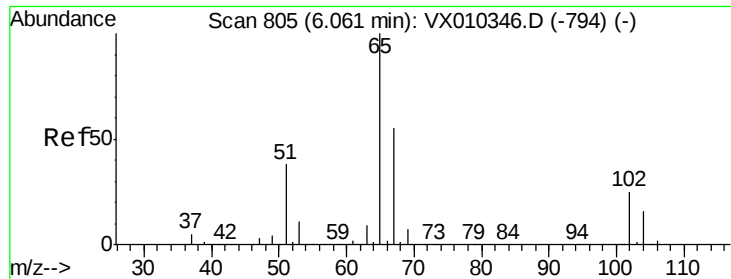
99 63.4 51.8 77.8

61 39.8 32.1 48.1



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

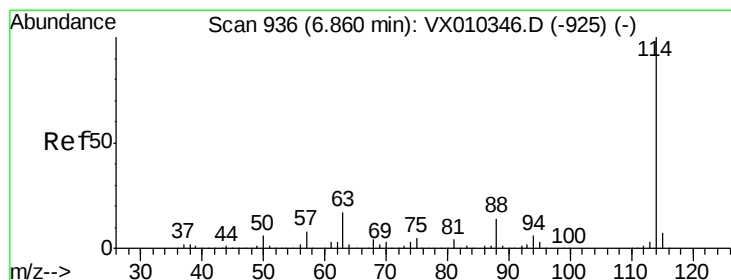
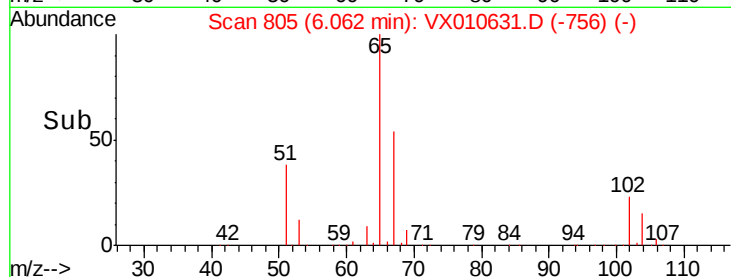
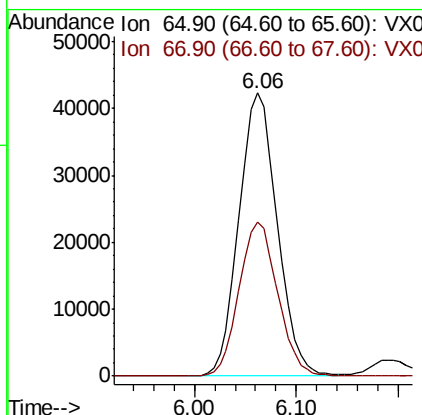
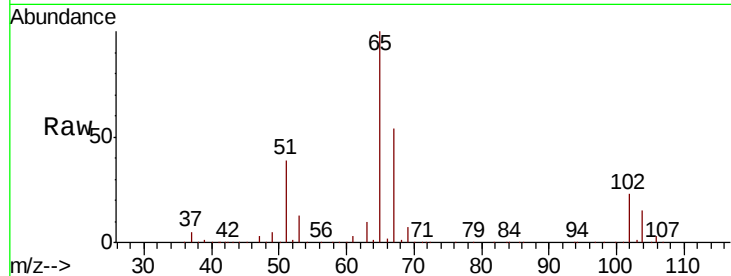




#33
 1,2-Dichloroethane-d4
 Concen: 54.110 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010631.D
 Acq: 02 Jul 2019 20:41

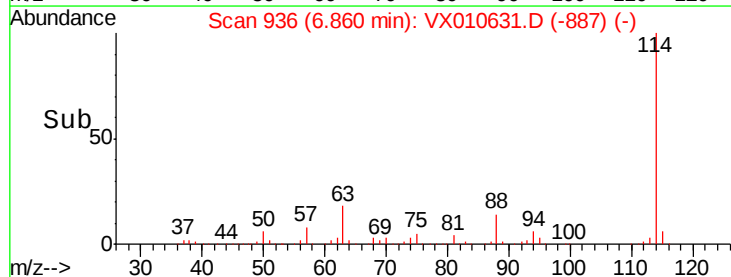
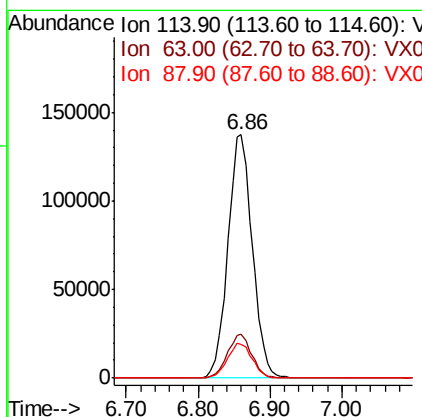
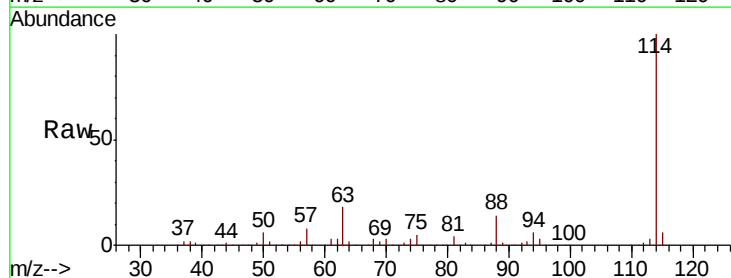
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 65 Resp: 110827
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010631.D
 Acq: 02 Jul 2019 20:41

Tgt Ion: 114 Resp: 324800
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 33.8
 88 14.0 0.0 27.6

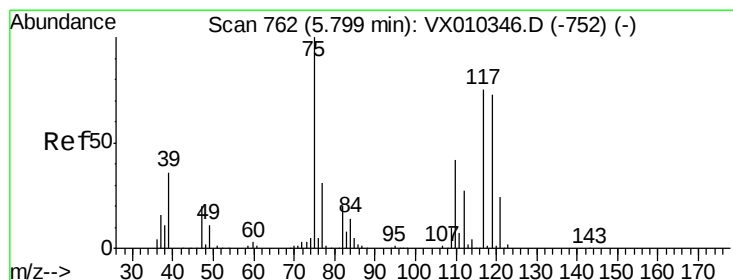
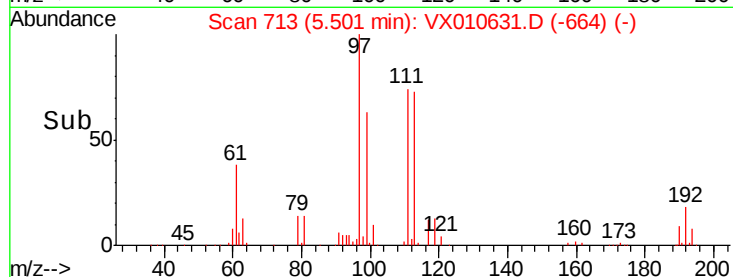
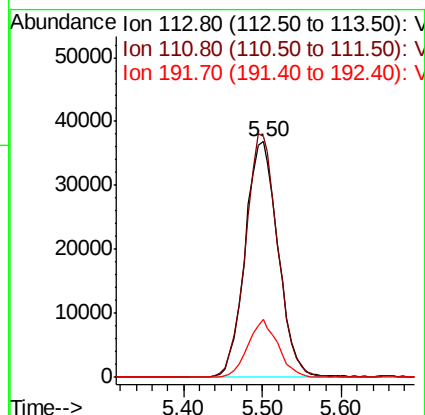
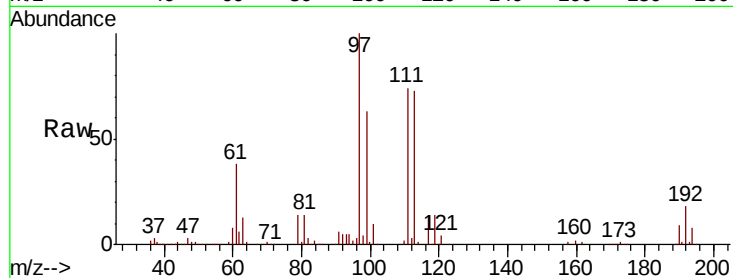




#35
 Dibromofluoromethane
 Concen: 53.871 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010631.D
 Acq: 02 Jul 2019 20:41

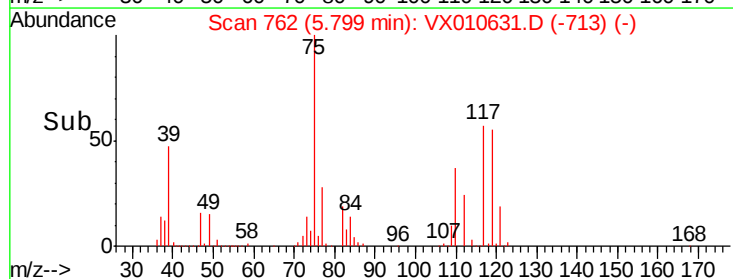
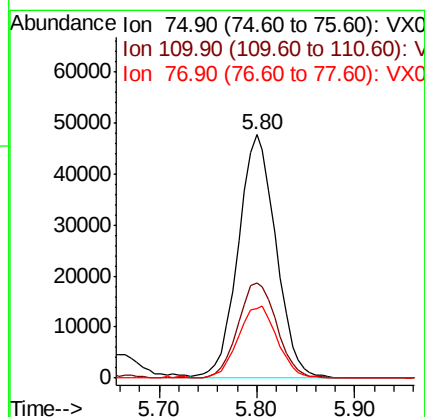
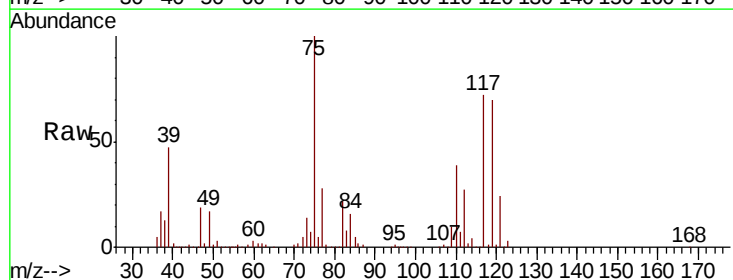
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

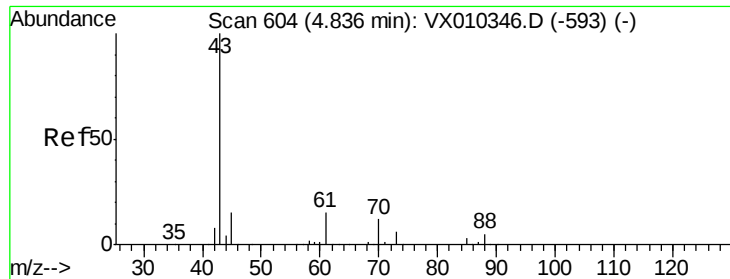
Tot Ion:113 Resp: 107054
 Ion Ratio Lower Upper
 113 100
 111 101.1 81.2 121.8
 192 22.6 18.6 27.8



#36
 1,1-Dichloropropene
 Concen: 48.986 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX010631.D
 Acq: 02 Jul 2019 20:41

Tgt Ion: 75 Resp: 126435
 Ion Ratio Lower Upper
 75 100
 110 40.8 20.8 62.2
 77 31.0 25.4 38.0





#37

Ethyl Acetate

Concen: 54.083 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX010631.D

Acq: 02 Jul 2019 20:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

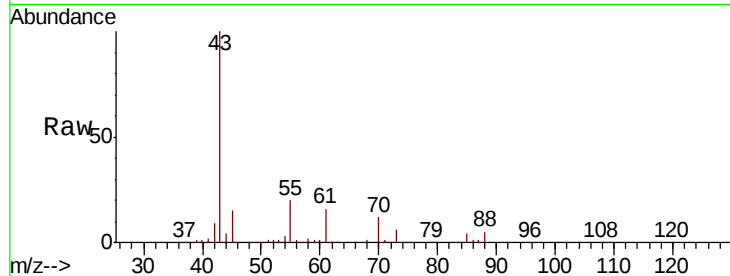
Tot Ion: 43 Resp: 143604

Ion Ratio Lower Upper

43 100

61 15.1 12.4 18.6

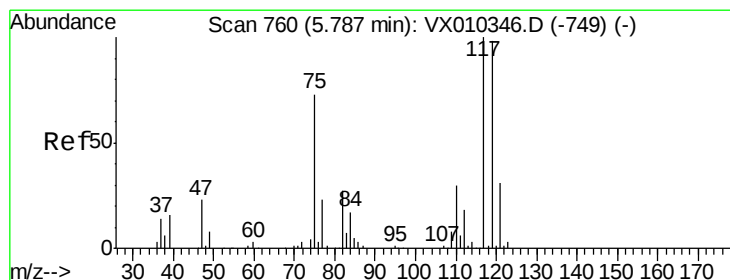
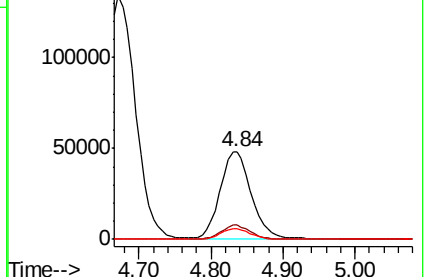
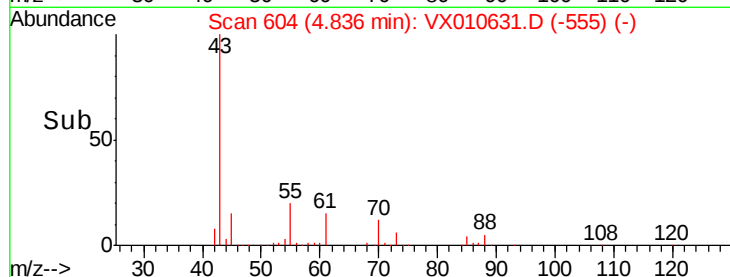
70 12.1 9.8 14.8



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: 49.161 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX010631.D

Acq: 02 Jul 2019 20:41

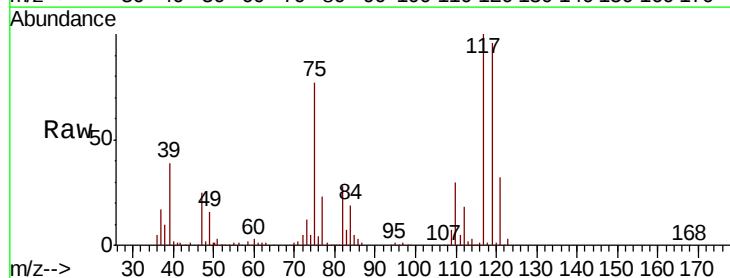
Tgt Ion: 117 Resp: 137400

Ion Ratio Lower Upper

117 100

119 95.6 78.2 117.4

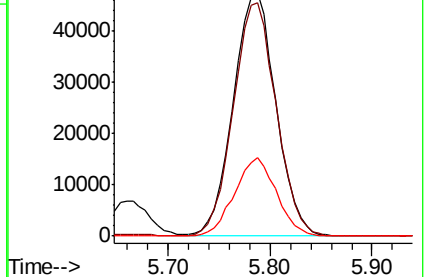
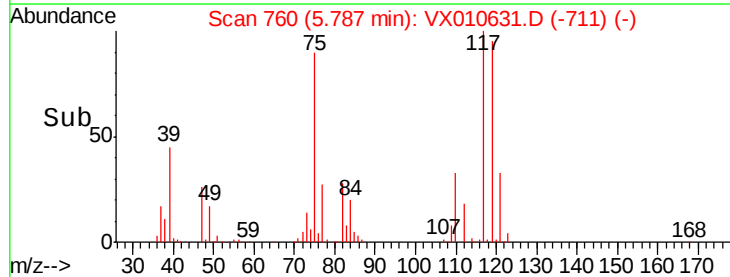
121 32.3 24.7 37.1



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

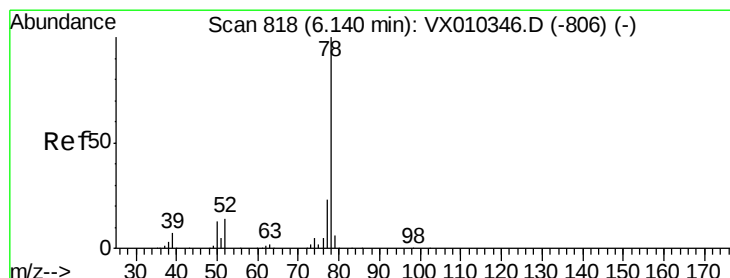
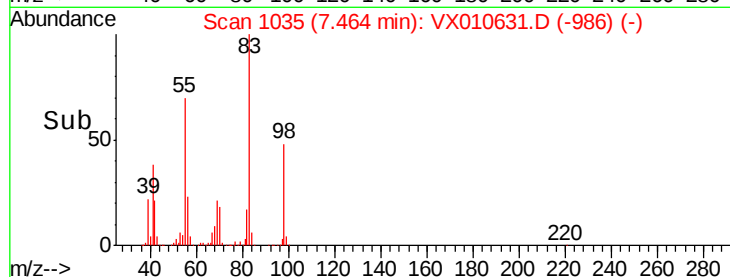
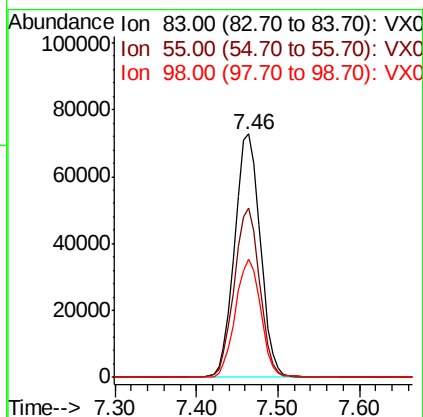
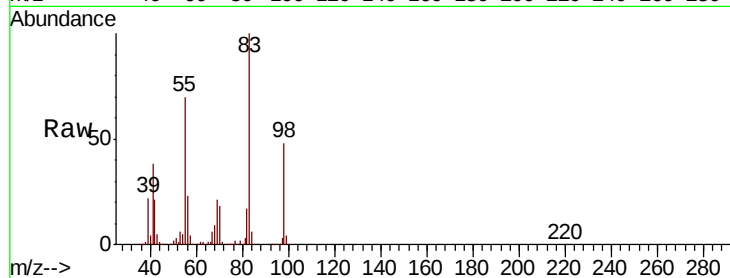




#39
Methvlcvclohexane
Concen: 46.375 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010631.D
Acq: 02 Jul 2019 20:41

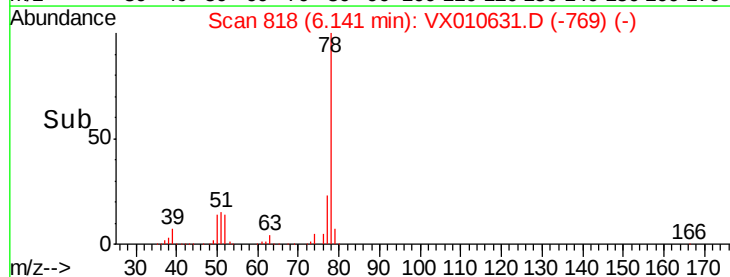
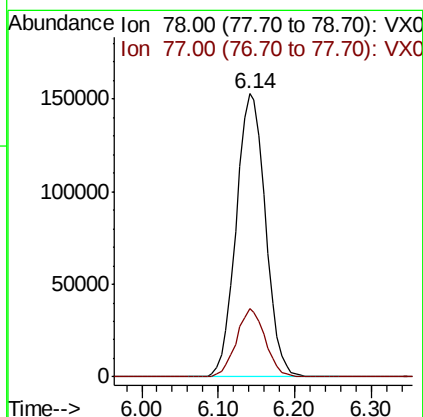
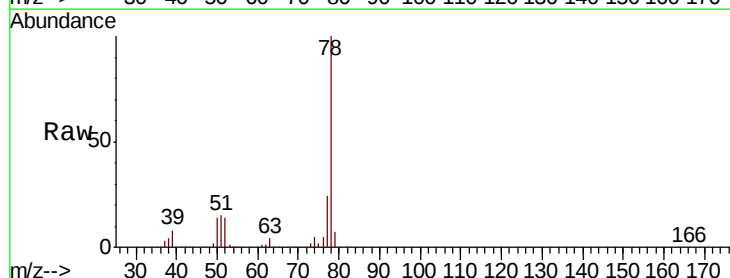
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 157336
Ion Ratio Lower Upper
83 100
55 69.8 53.0 79.6
98 48.4 37.8 56.8



#40
Benzene
Concen: 50.413 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010631.D
Acq: 02 Jul 2019 20:41

Tgt Ion: 78 Resp: 405380
Ion Ratio Lower Upper
78 100
77 24.1 18.6 28.0





#41

Methacrylonitrile

Concen: 55.021 ug/l

RT: 5.04 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX010631.D

Acq: 02 Jul 2019 20:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 80160

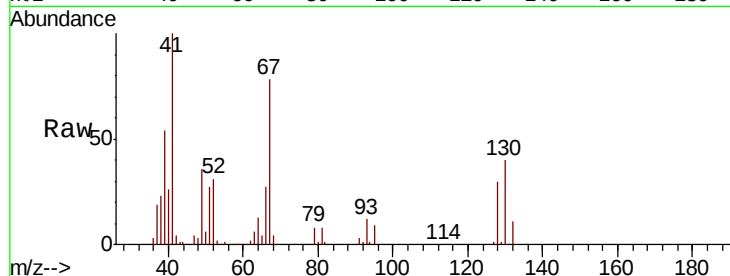
Ion Ratio Lower Upper

41 100

39 53.2 43.8 65.8

67 80.5 66.6 100.0

52 31.3 24.5 36.7

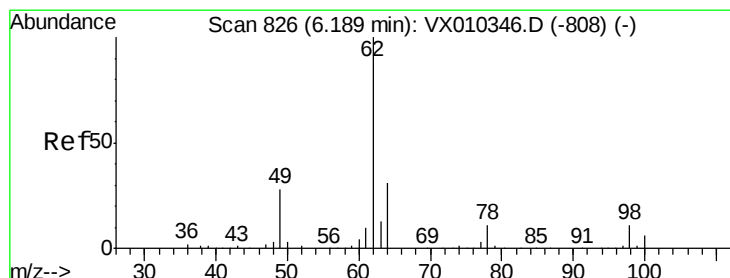
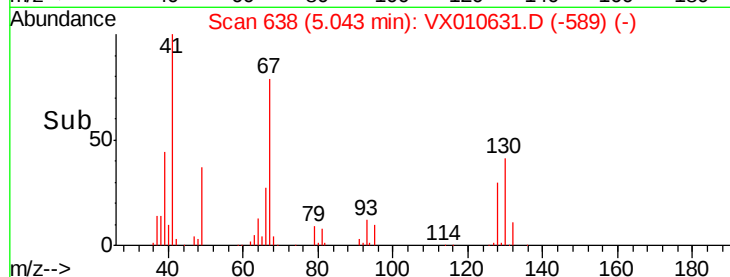
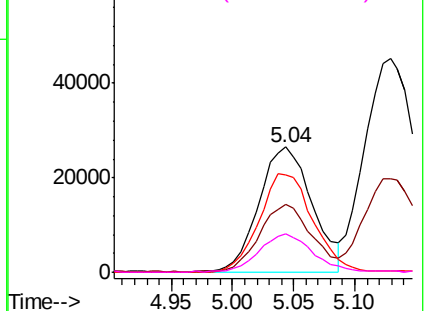


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 54.939 ug/l

RT: 6.19 min Scan# 826

Delta R.T. 0.00 min

Lab File: VX010631.D

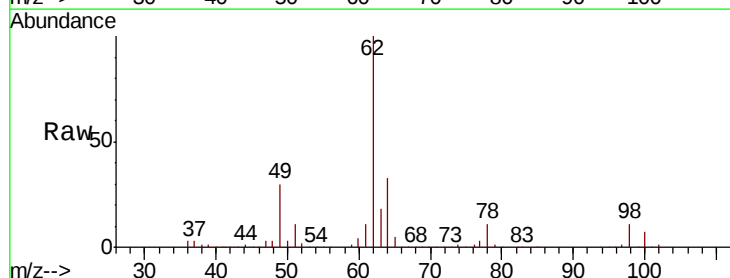
Acq: 02 Jul 2019 20:41

Tgt Ion: 62 Resp: 134477

Ion Ratio Lower Upper

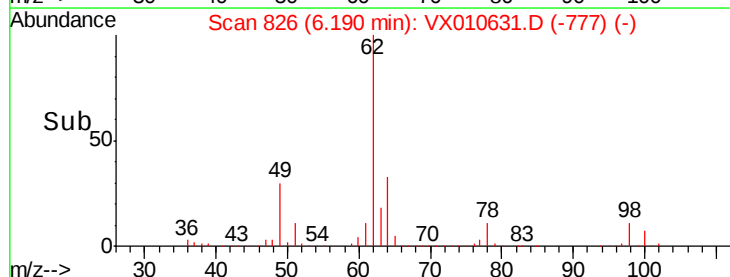
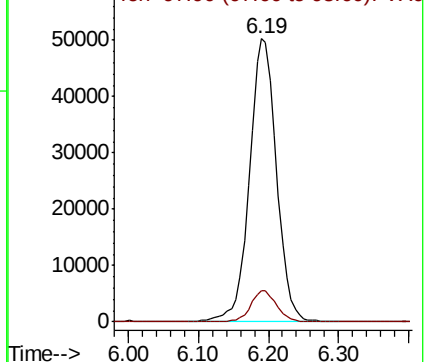
62 100

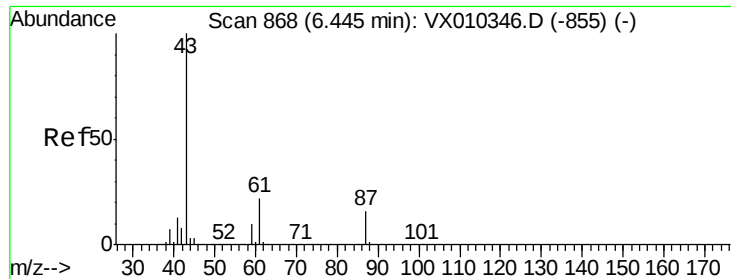
98 10.5 0.0 22.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



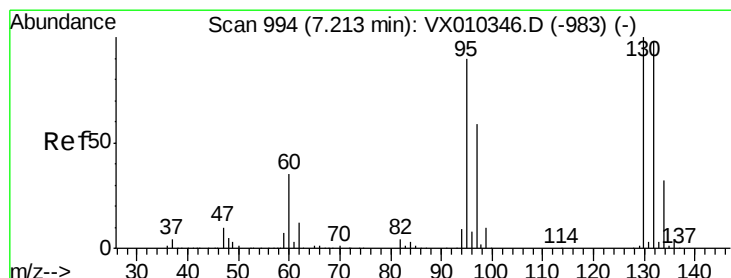
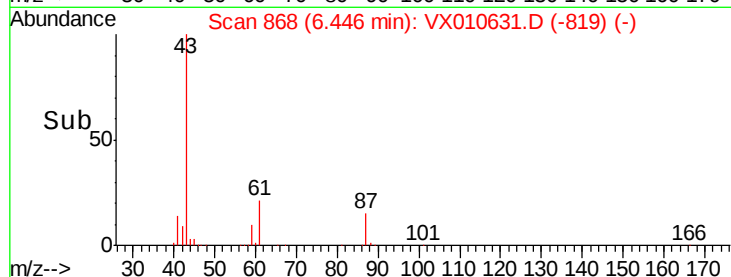
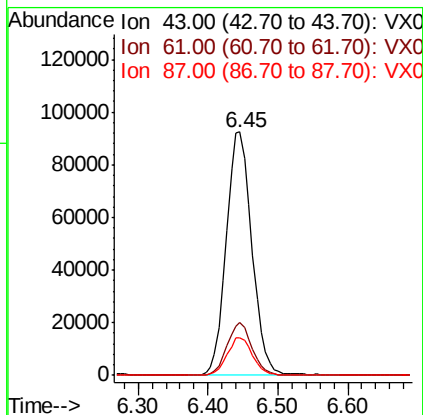
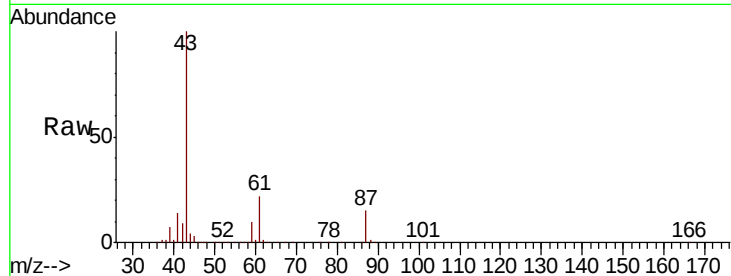


#43

Isopropyl Acetate
 Concen: 53.303 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: VX010631.D
 Acq: 02 Jul 2019 20:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

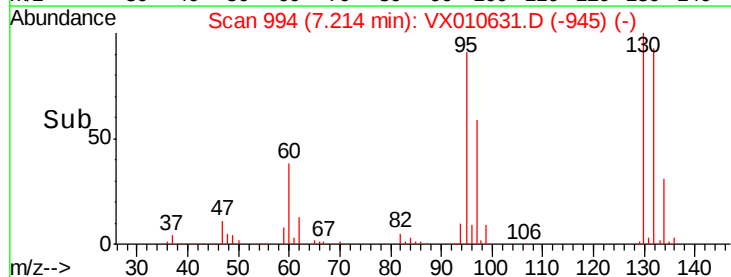
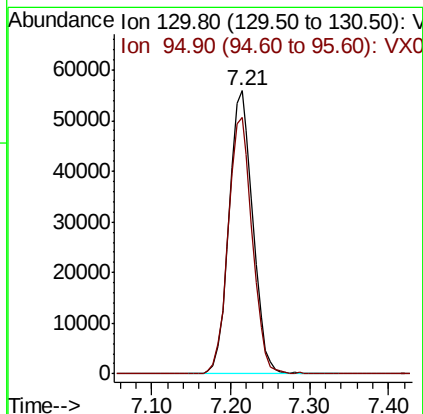
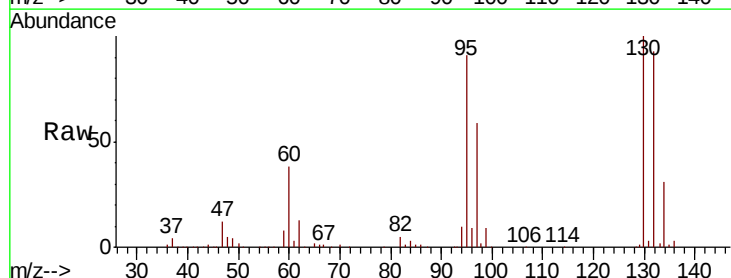
Tot Ion: 43 Resp: 234164
 Ion Ratio Lower Upper
 43 100
 61 21.2 17.8 26.6
 87 15.5 13.0 19.4

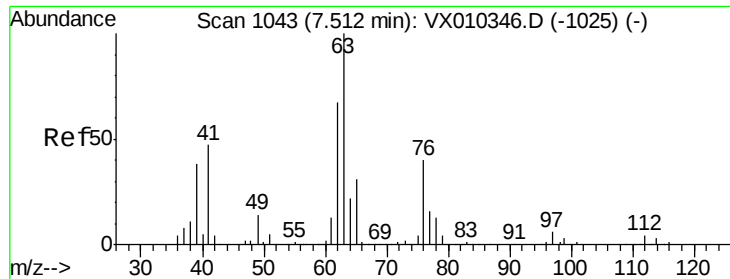


#44

Trichloroethene
 Concen: 48.761 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX010631.D
 Acq: 02 Jul 2019 20:41

Tgt Ion: 130 Resp: 117325
 Ion Ratio Lower Upper
 130 100
 95 90.6 0.0 180.8





#45

1,2-Dichloropropane

Concen: 51.285 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX010631.D

Acq: 02 Jul 2019 20:41

Instrument :

MSVOA_X

ClientSampleId :

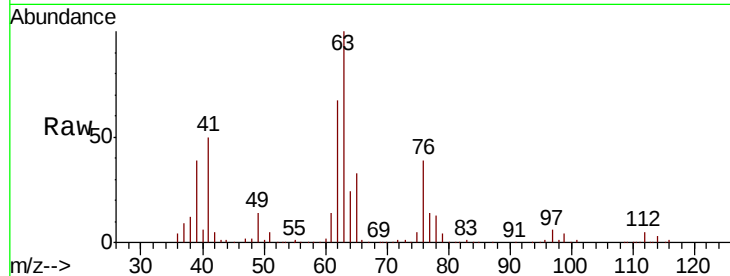
VSTDCCC050EC

Tot Ion: 63 Resp: 104140

Ion Ratio Lower Upper

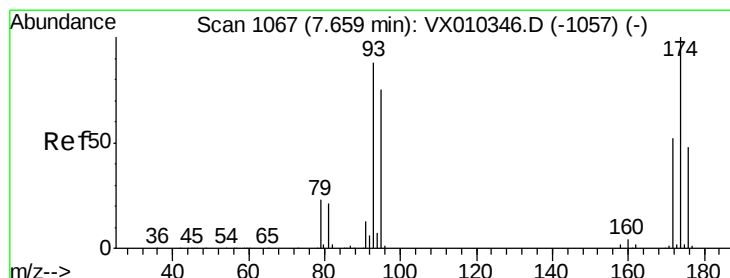
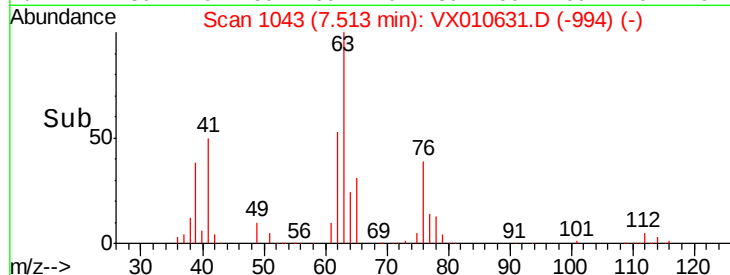
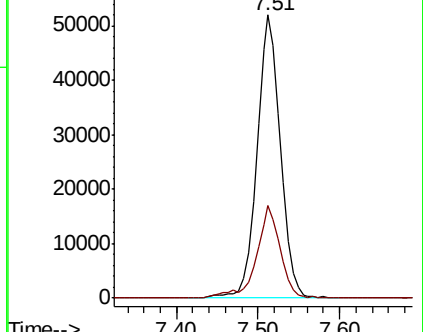
63 100

65 32.6 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 51.549 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX010631.D

Acq: 02 Jul 2019 20:41

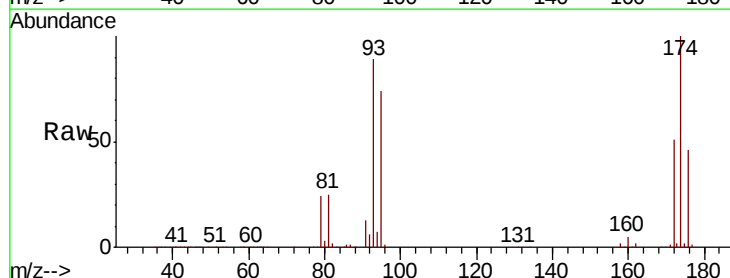
Tgt Ion: 93 Resp: 75103

Ion Ratio Lower Upper

93 100

95 85.4 67.5 101.3

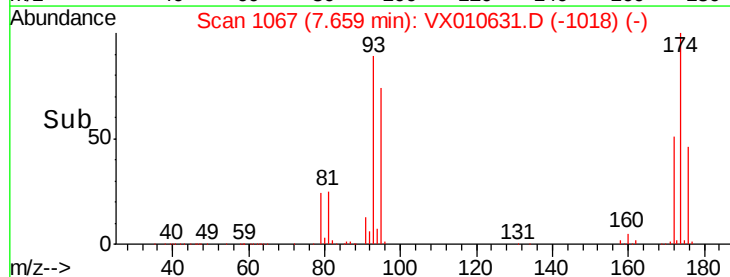
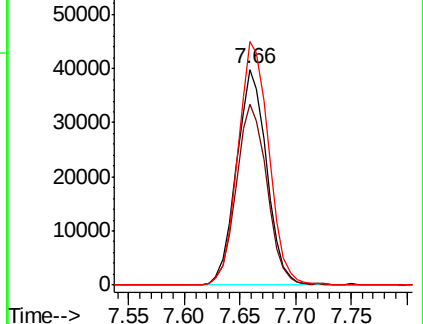
174 115.5 95.8 143.6

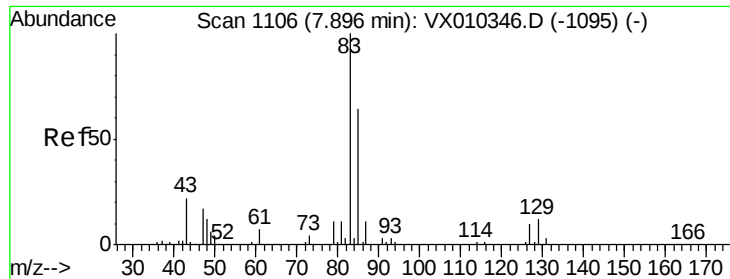


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 52.302 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010631.D

Acq: 02 Jul 2019 20:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

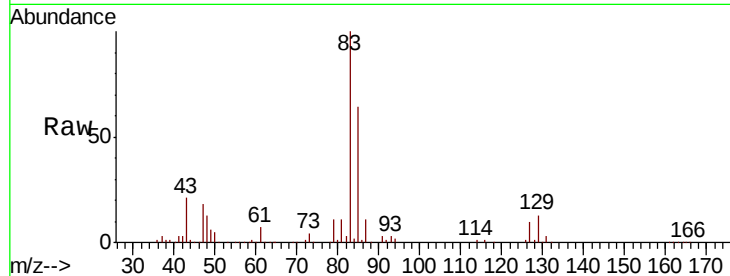
Tot Ion: 83 Resp: 139646

Ion Ratio Lower Upper

83 100

85 64.0 51.5 77.3

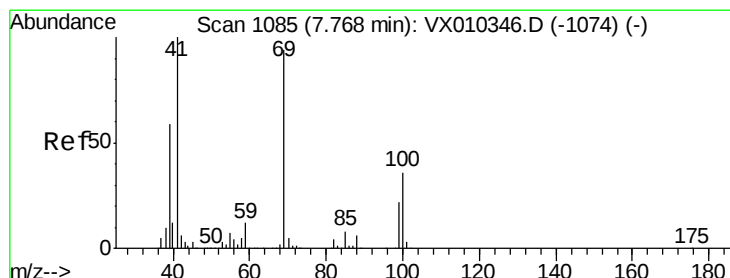
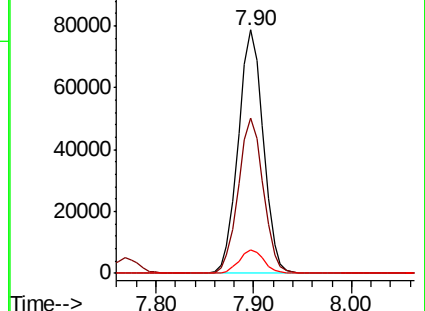
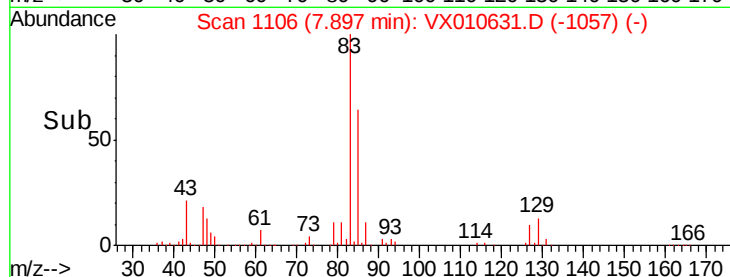
127 9.5 7.8 11.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 55.403 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX010631.D

Acq: 02 Jul 2019 20:41

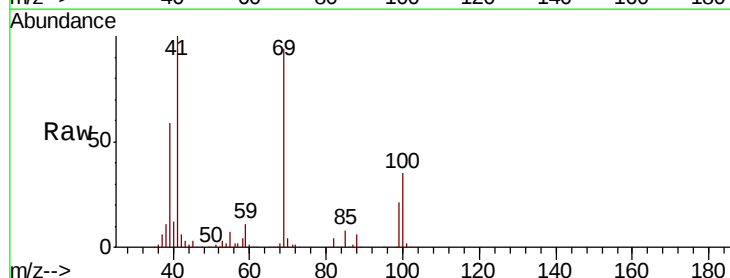
Tgt Ion: 41 Resp: 113132

Ion Ratio Lower Upper

41 100

69 92.9 76.1 114.1

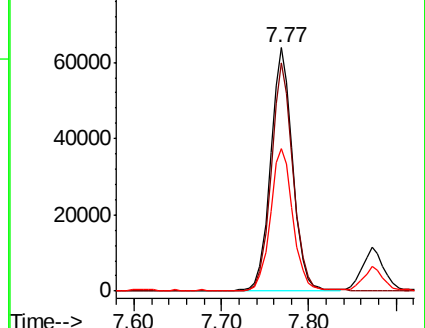
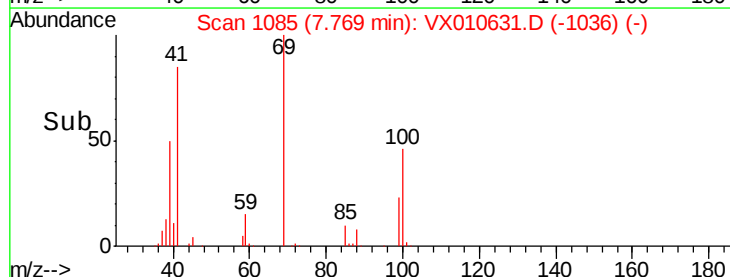
39 59.5 47.6 71.4

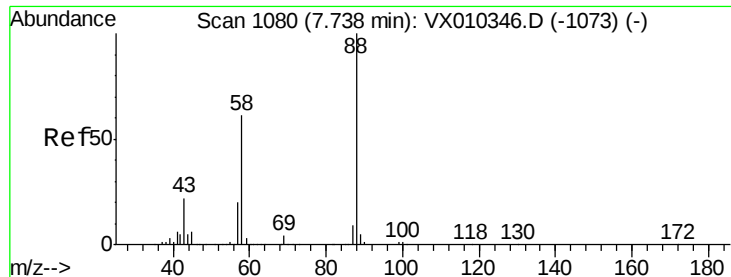


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1015.844 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. 0.00 min

Lab File: VX010631.D

Acq: 02 Jul 2019 20:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

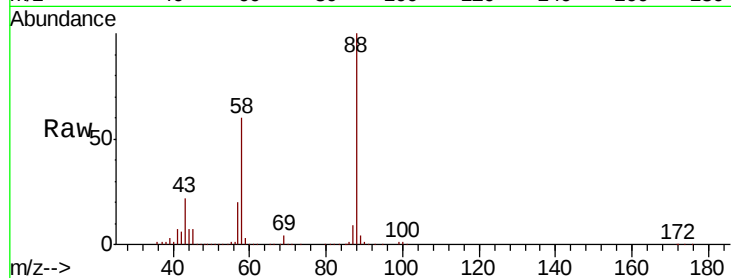
Tot Ion: 88 Resp: 59756

Ion Ratio Lower Upper

88 100

43 26.9 20.2 30.2

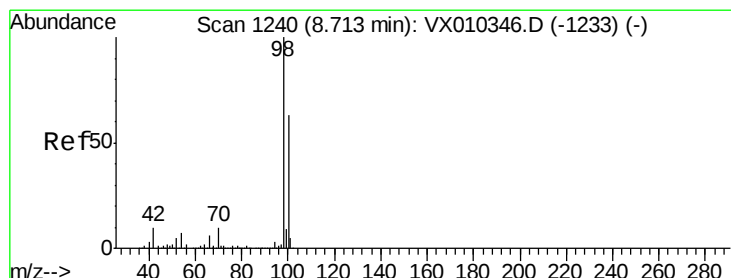
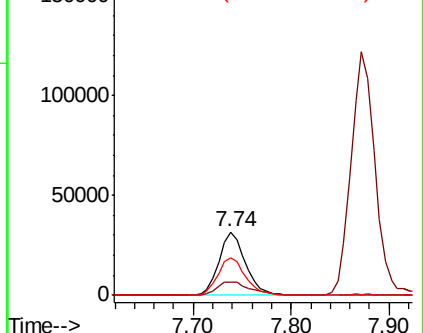
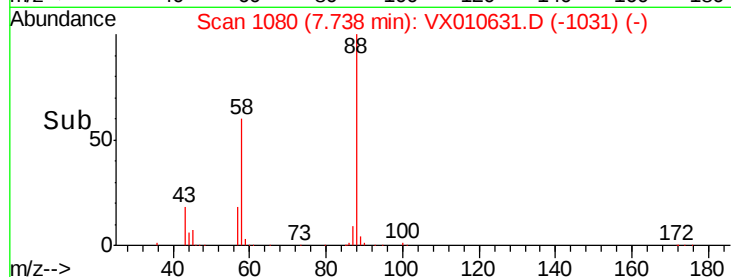
58 62.6 49.5 74.3



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 51.730 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010631.D

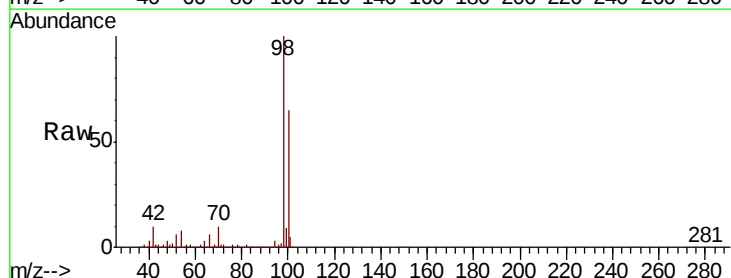
Acq: 02 Jul 2019 20:41

Tgt Ion: 98 Resp: 393295

Ion Ratio Lower Upper

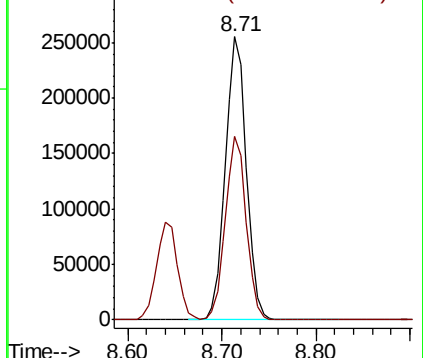
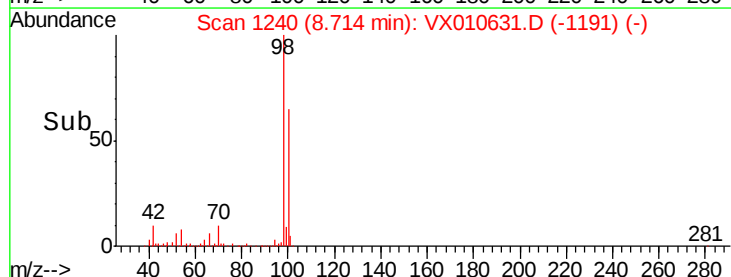
98 100

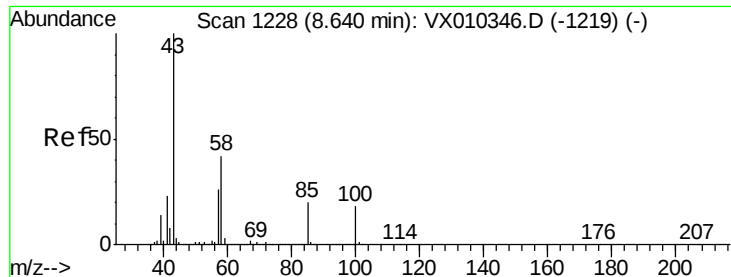
100 64.4 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

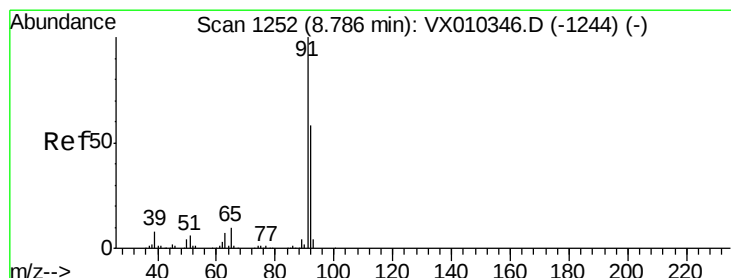
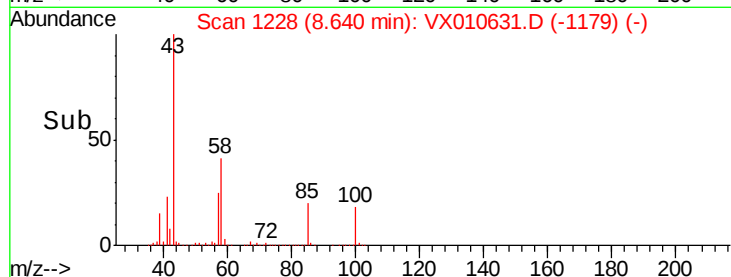
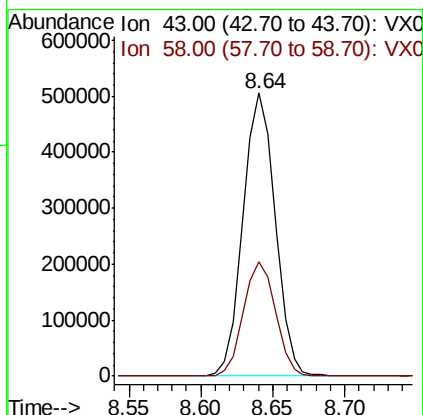
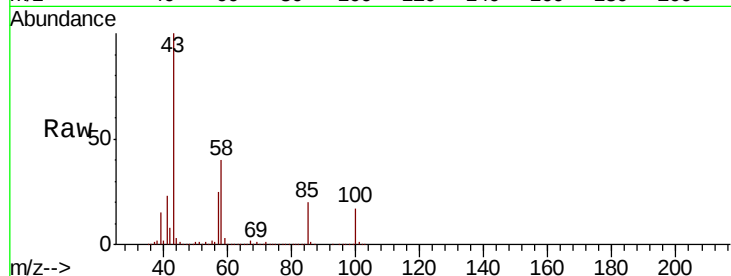




#51
 4-Methyl-2-Pentanone
 Concen: 278.389 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VX010631.D
 Acq: 02 Jul 2019 20:41

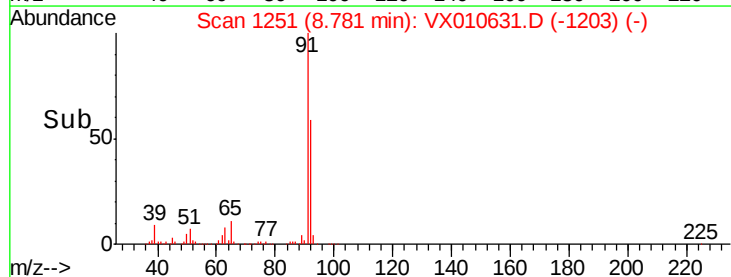
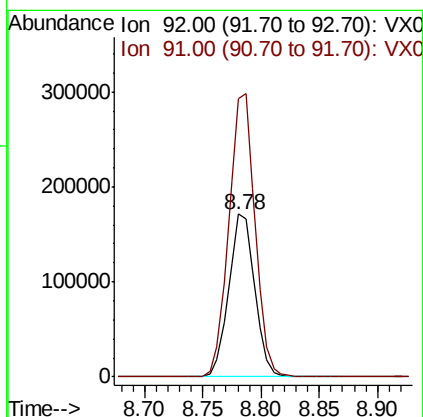
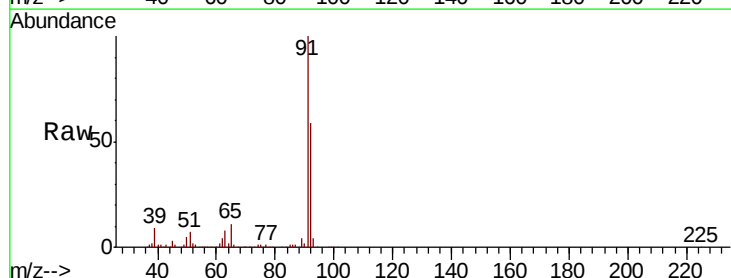
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

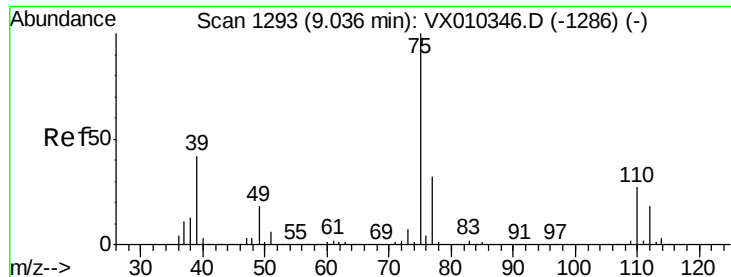
Tot Ion: 43 Resp: 782177
 Ion Ratio Lower Upper
 43 100
 58 40.5 33.5 50.3



#52
 Toluene
 Concen: 50.291 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: VX010631.D
 Acq: 02 Jul 2019 20:41

Tgt Ion: 92 Resp: 266312
 Ion Ratio Lower Upper
 92 100
 91 174.9 139.8 209.6

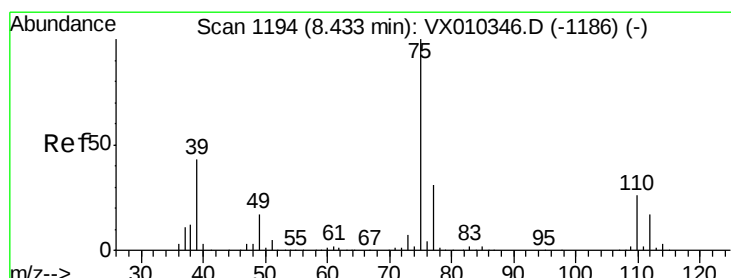
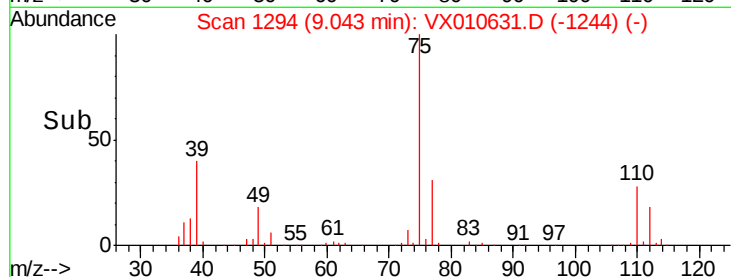
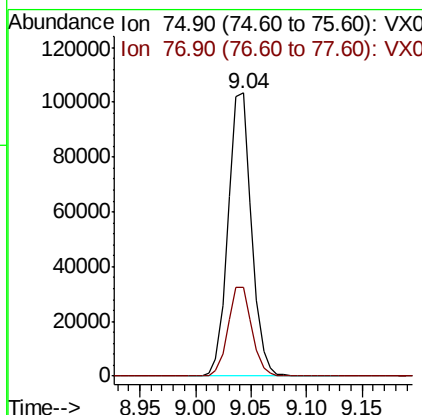
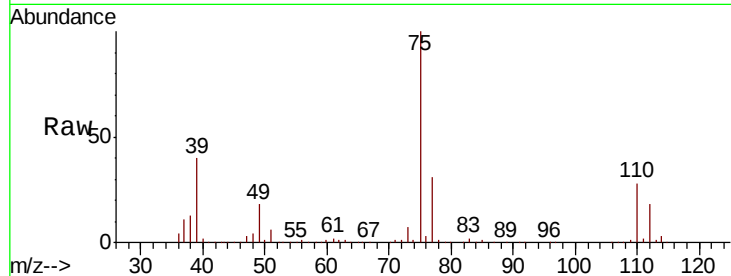




#53
 t-1,3-Dichloropropene
 Concen: 50.275 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.01 min
 Lab File: VX010631.D
 Acq: 02 Jul 2019 20:41

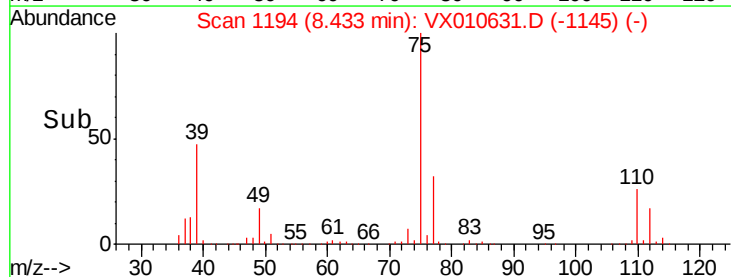
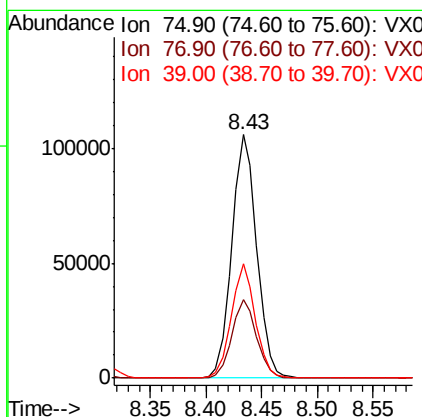
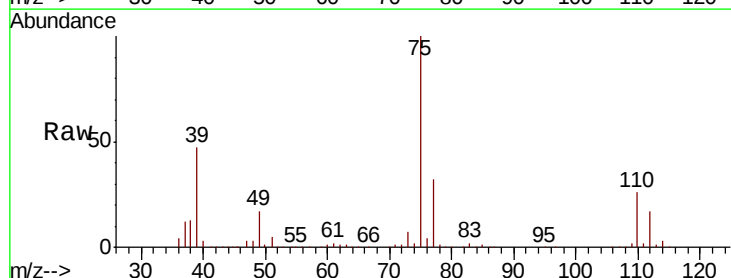
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

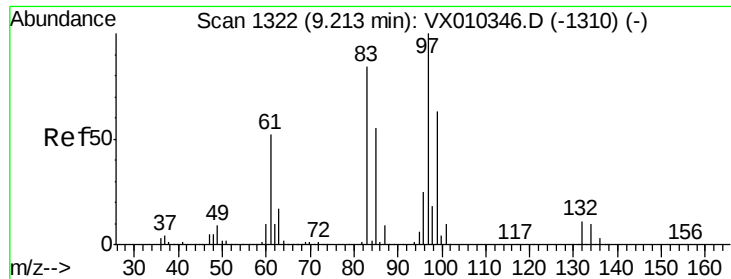
Tot Ion: 75 Resp: 150494
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 50.350 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX010631.D
 Acq: 02 Jul 2019 20:41

Tgt Ion: 75 Resp: 163789
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.2 37.8
 39 46.7 34.5 51.7

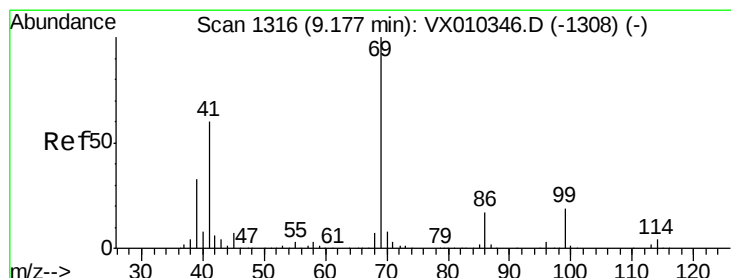
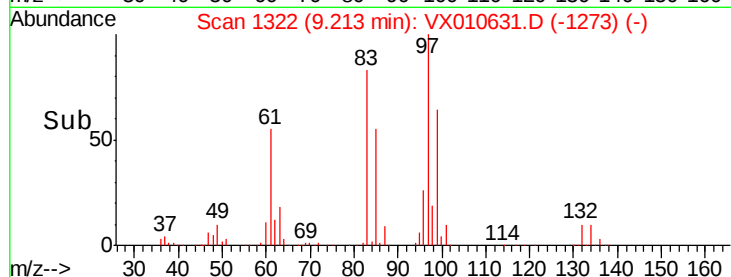
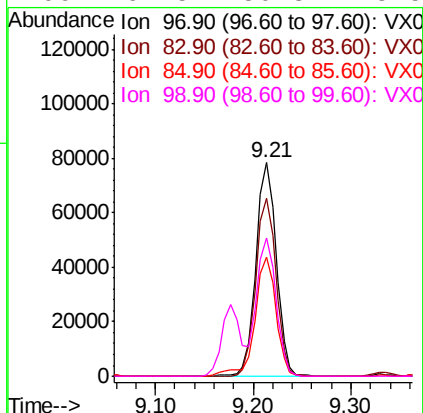
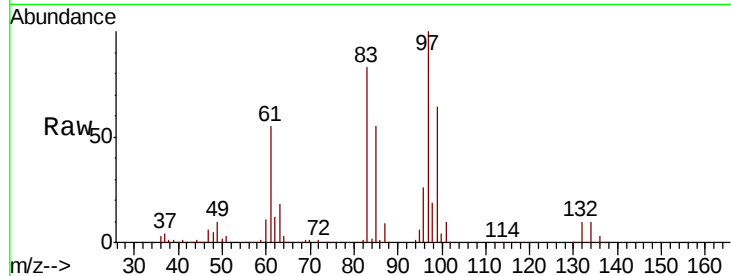




#55
 1,1,2-Trichloroethane
 Concen: 52.382 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX010631.D
 Acq: 02 Jul 2019 20:41

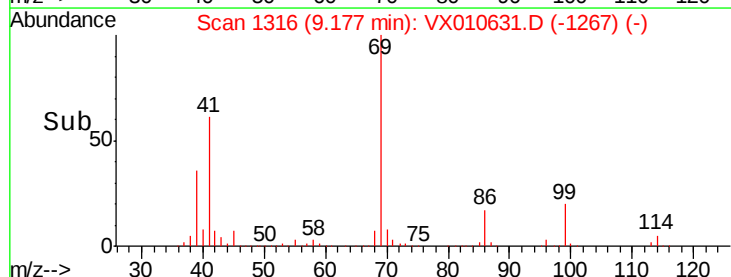
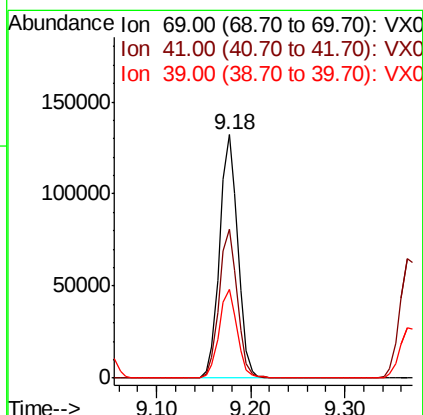
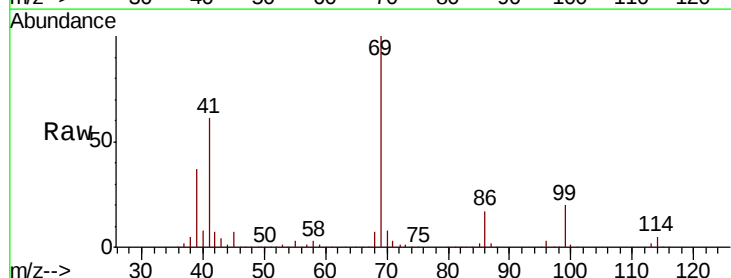
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

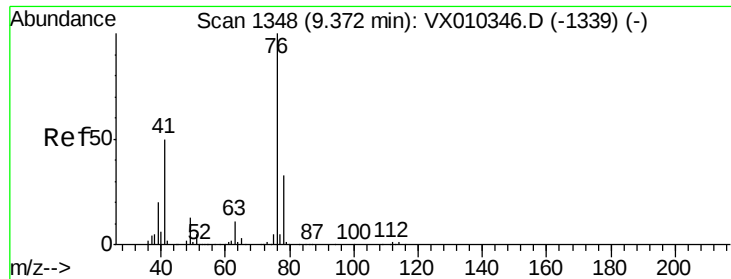
Tot Ion: 97 Resp: 114399
 Ion Ratio Lower Upper
 97 100
 83 83.4 67.4 101.0
 85 55.5 43.8 65.8
 99 64.5 50.3 75.5



#56
 Ethyl methacrylate
 Concen: 53.583 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX010631.D
 Acq: 02 Jul 2019 20:41

Tgt Ion: 69 Resp: 177273
 Ion Ratio Lower Upper
 69 100
 41 60.8 47.1 70.7
 39 36.1 26.6 40.0





#57

1,3-Dichloropropane

Concen: 53.079 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX010631.D

Acq: 02 Jul 2019 20:41

Instrument :

MSVOA_X

ClientSampleId :

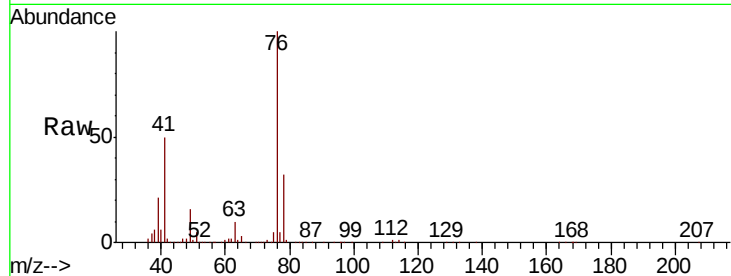
VSTDCCC050EC

Tot Ion: 76 Resp: 179944

Ion Ratio Lower Upper

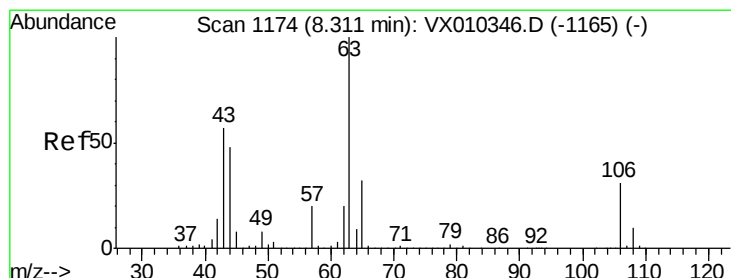
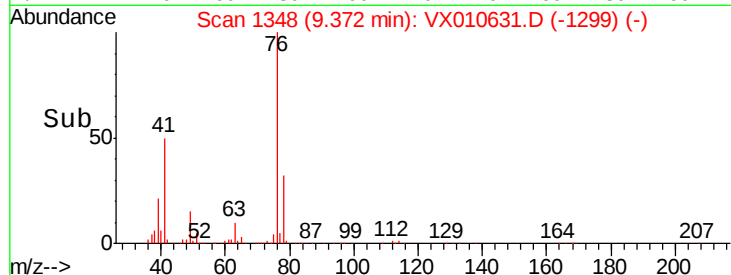
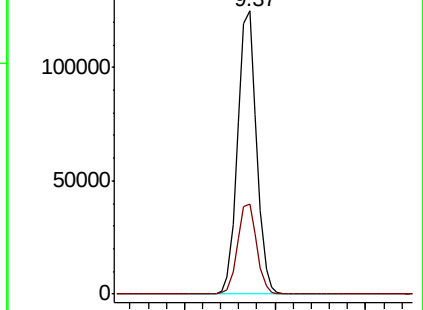
76 100

78 32.3 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 246.970 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX010631.D

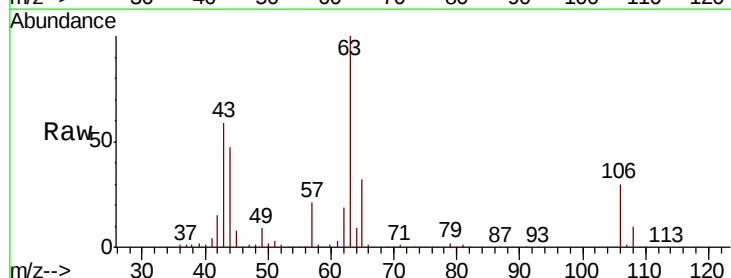
Acq: 02 Jul 2019 20:41

Tgt Ion: 63 Resp: 388047

Ion Ratio Lower Upper

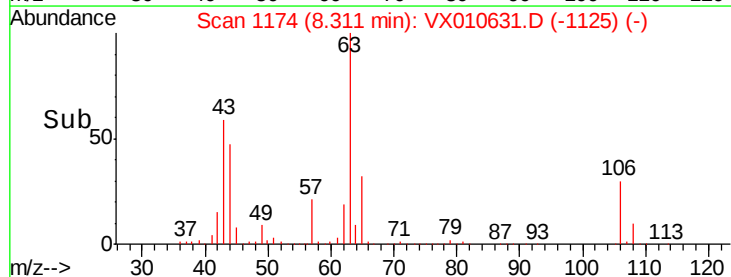
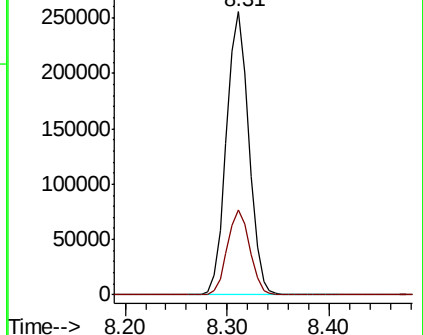
63 100

106 30.2 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

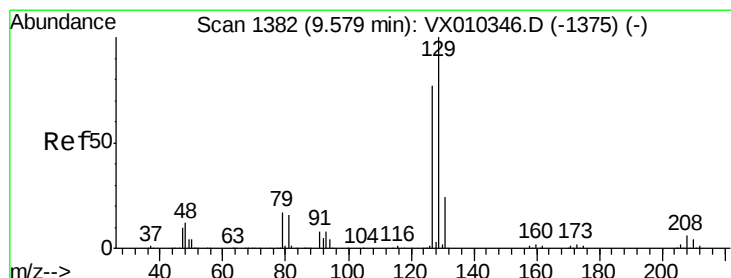
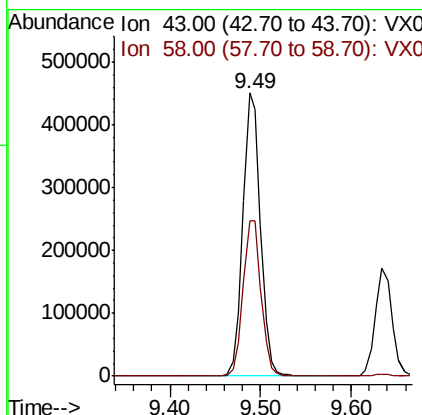
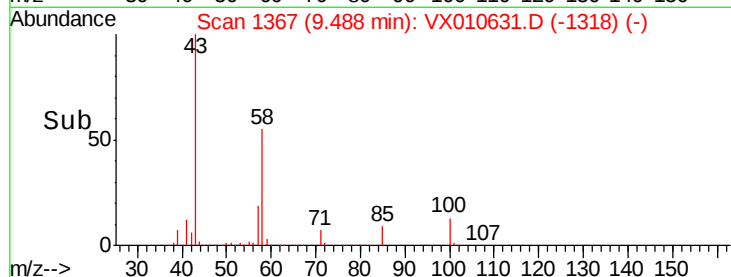
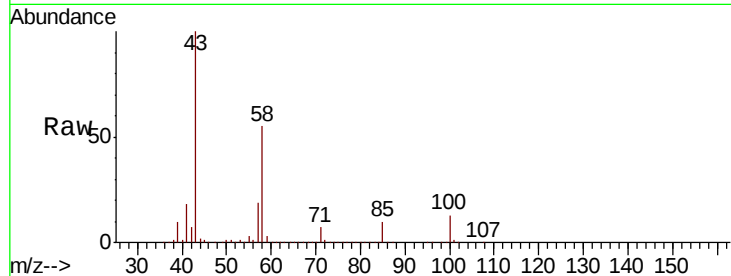




#59
2-Hexanone
Concen: 273.202 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010631.D
Acq: 02 Jul 2019 20:41

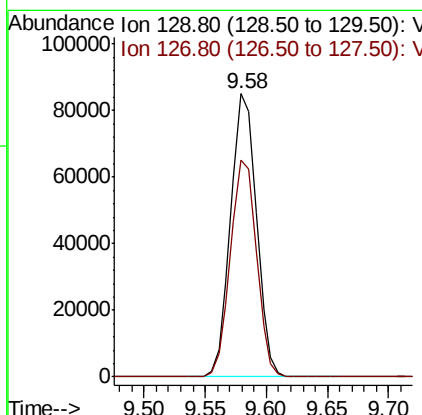
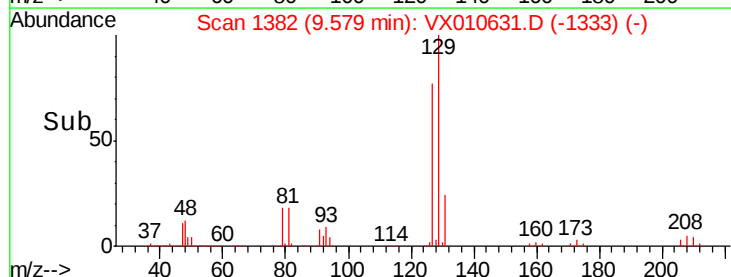
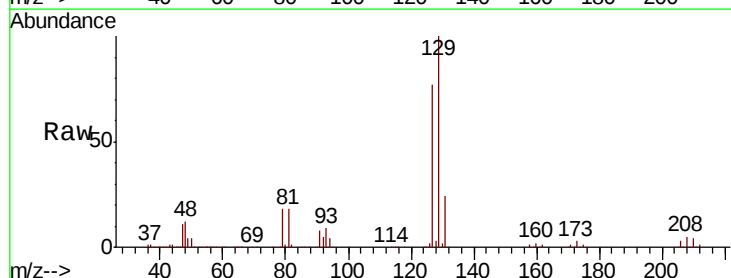
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

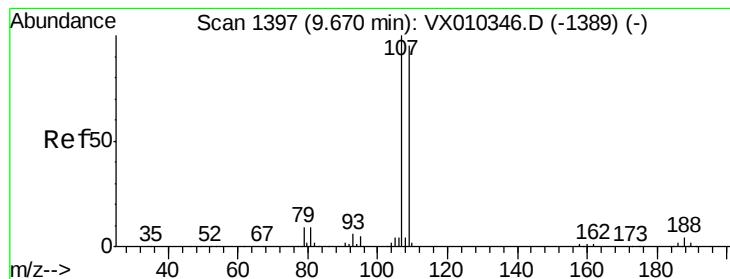
Tot Ion: 43 Resp: 604131
Ion Ratio Lower Upper
43 100
58 56.3 29.0 87.1



#60
Dibromochloromethane
Concen: 50.997 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010631.D
Acq: 02 Jul 2019 20:41

Tgt Ion: 129 Resp: 124701
Ion Ratio Lower Upper
129 100
127 77.3 38.4 115.1





#61

1,2-Dibromoethane

Concen: 52.127 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010631.D

Acq: 02 Jul 2019 20:41

Instrument :

MSVOA_X

ClientSampleId :

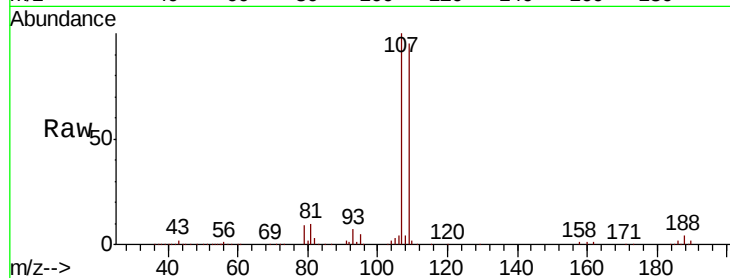
VSTDCCC050EC

Tot Ion:107 Resp: 122878

Ion Ratio Lower Upper

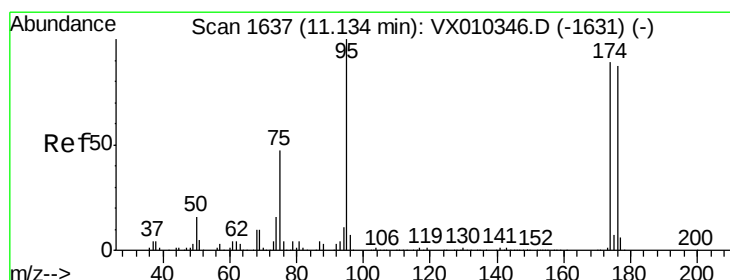
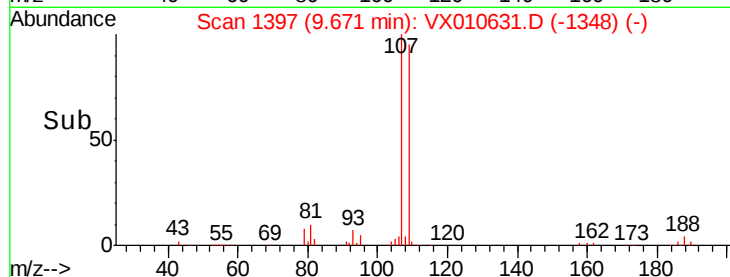
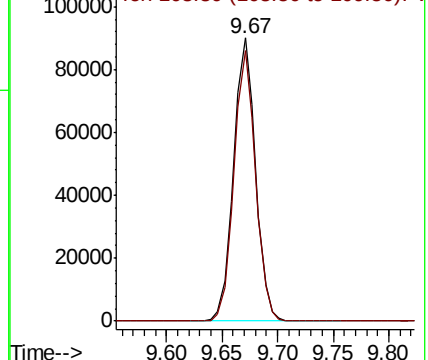
107 100

109 94.0 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 54.527 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010631.D

Acq: 02 Jul 2019 20:41

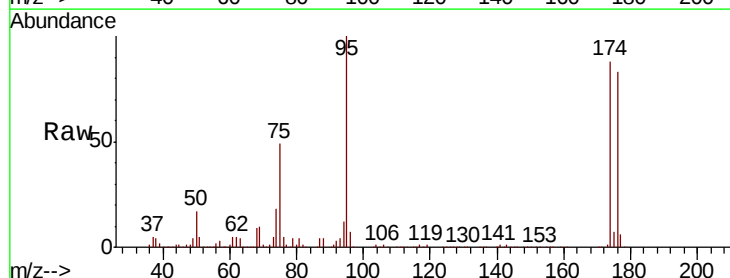
Tgt Ion: 95 Resp: 149668

Ion Ratio Lower Upper

95 100

174 90.6 0.0 187.6

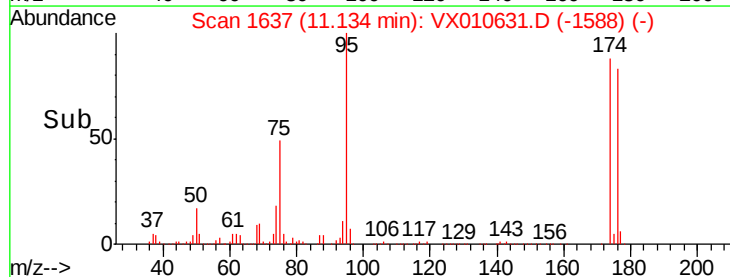
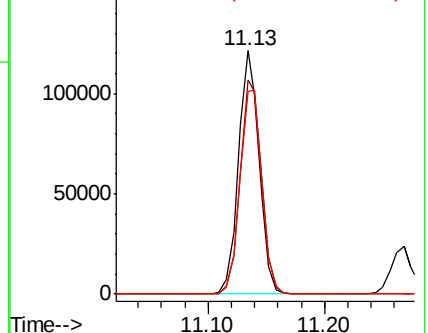
176 89.0 0.0 184.0

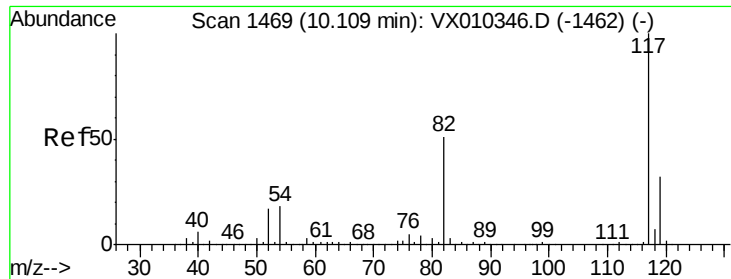


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

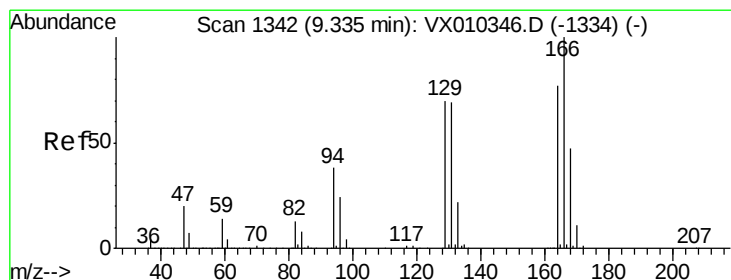
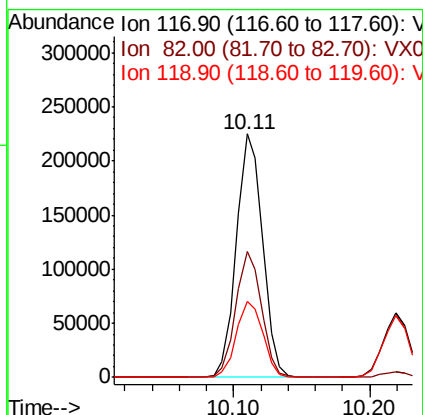
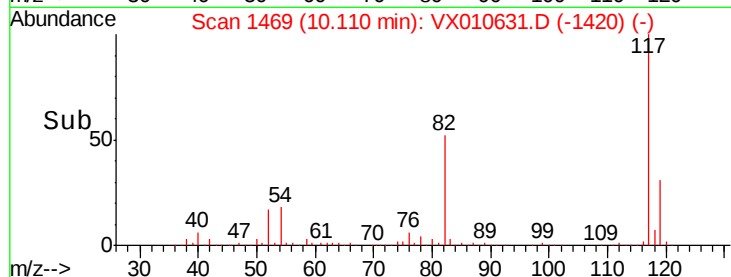
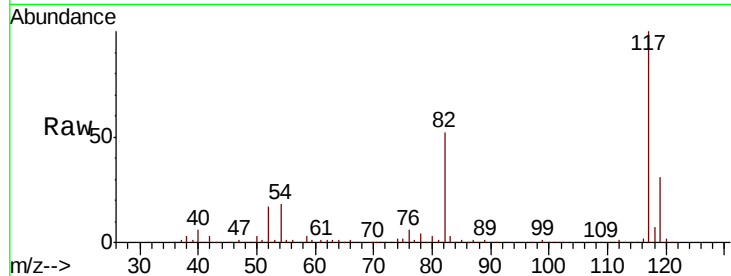




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010631.D
Acq: 02 Jul 2019 20:41

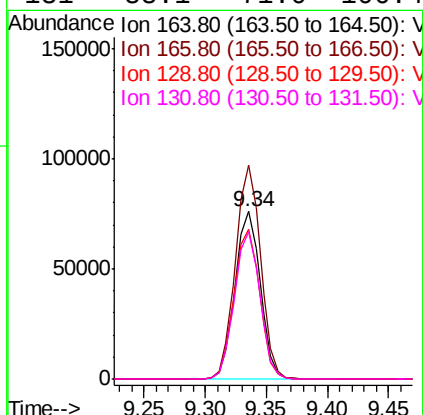
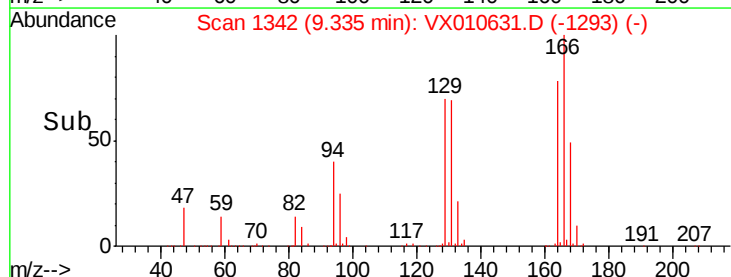
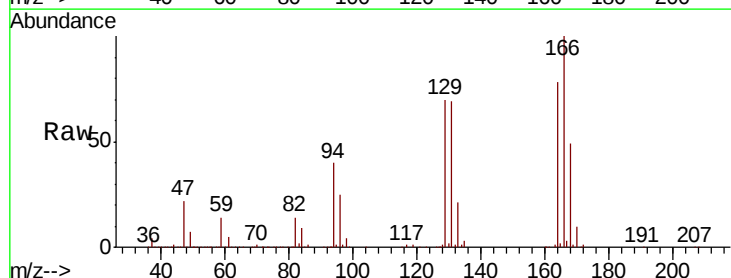
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

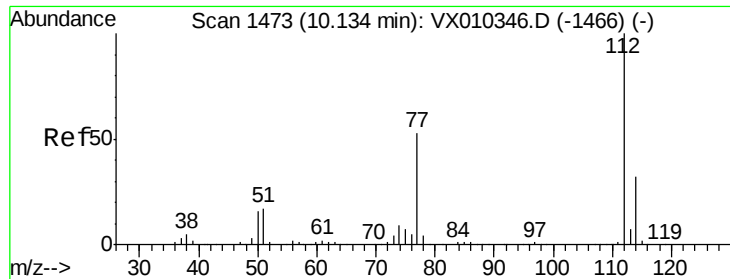
Tot Ion:117 Resp: 301328
Ion Ratio Lower Upper
117 100
82 51.6 41.2 61.8
119 31.0 25.5 38.3



#64
Tetrachloroethene
Concen: 44.467 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010631.D
Acq: 02 Jul 2019 20:41

Tgt Ion:164 Resp: 108377
Ion Ratio Lower Upper
164 100
166 127.6 103.6 155.4
129 89.4 73.0 109.4
131 88.1 71.0 106.4

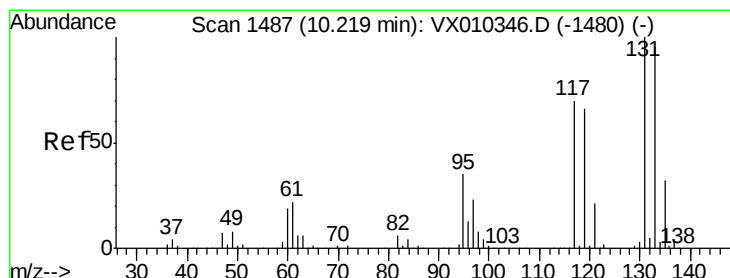
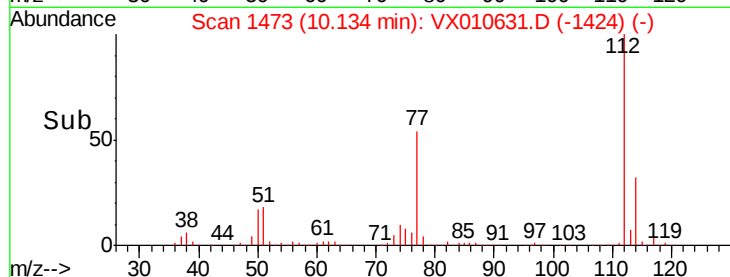
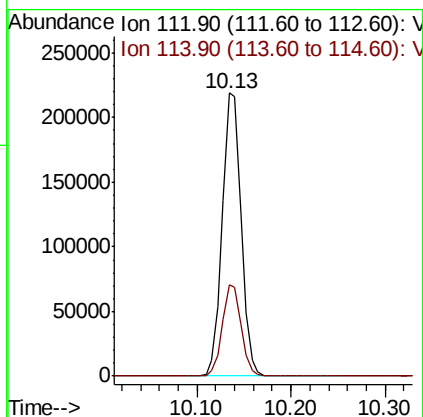
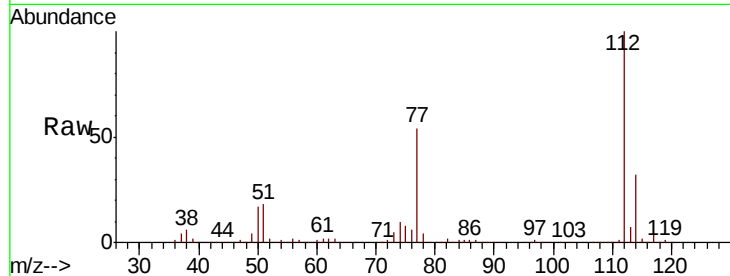




#65
Chlorobenzene
Concen: 49.798 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX010631.D
Acq: 02 Jul 2019 20:41

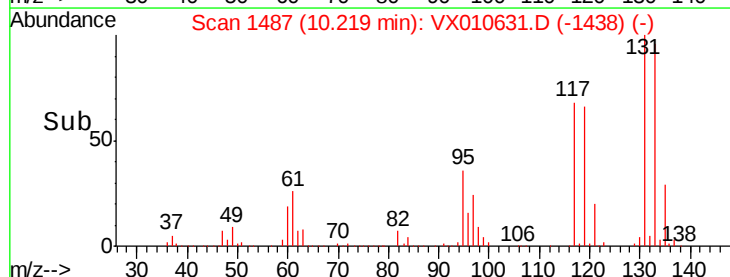
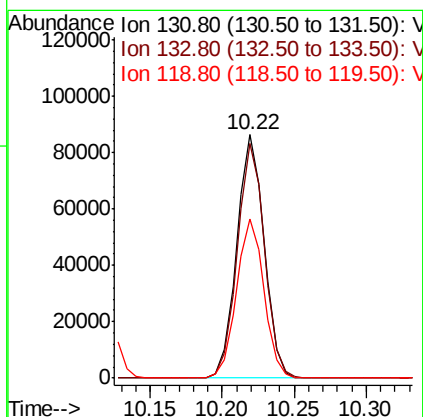
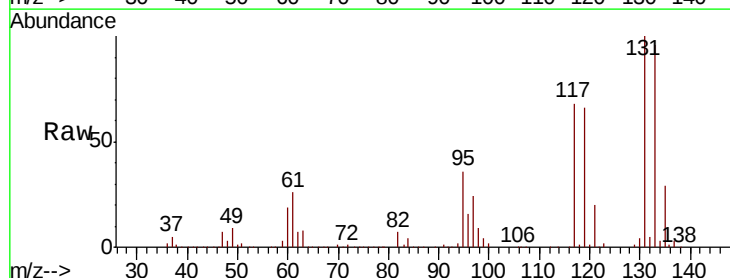
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

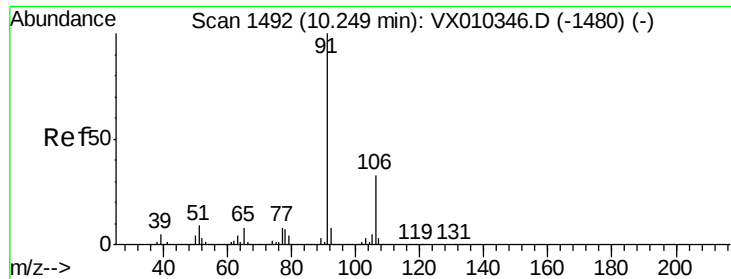
Tot Ion:112 Resp: 304643
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 51.099 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX010631.D
Acq: 02 Jul 2019 20:41

Tgt Ion:131 Resp: 113865
Ion Ratio Lower Upper
131 100
133 96.2 47.7 143.1
119 65.8 32.6 97.7





#67

Ethyl Benzene

Concen: 50.663 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX010631.D

Acq: 02 Jul 2019 20:41

Instrument :

MSVOA_X

ClientSampleId :

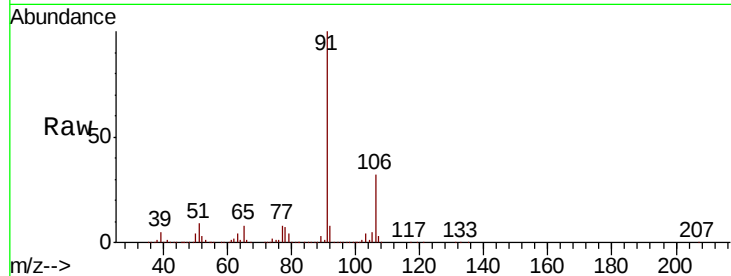
VSTDCCC050EC

Tot Ion: 91 Resp: 523230

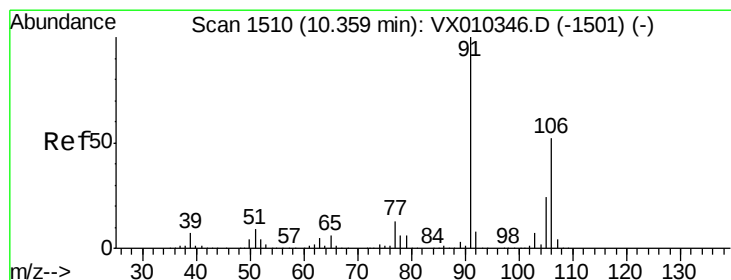
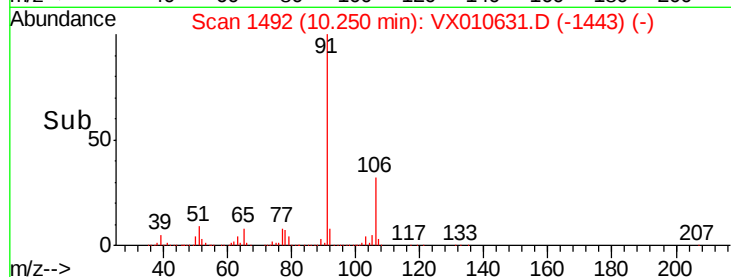
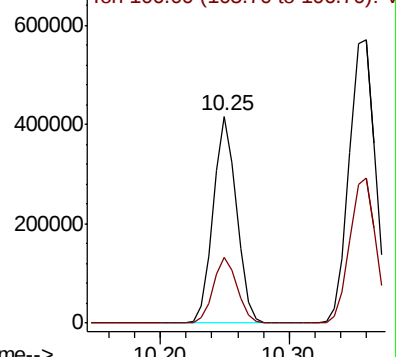
Ion Ratio Lower Upper

91 100

106 31.6 26.2 39.2



Abundance Ion 91.00 (90.70 to 91.70): VX010346.D (-1480) (-)



#68

m/p-Xylenes

Concen: 101.203 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX010631.D

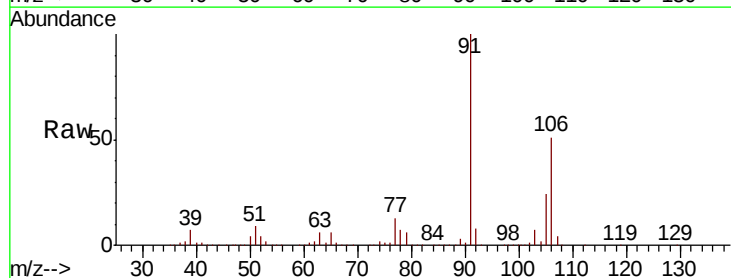
Acq: 02 Jul 2019 20:41

Tgt Ion: 106 Resp: 404990

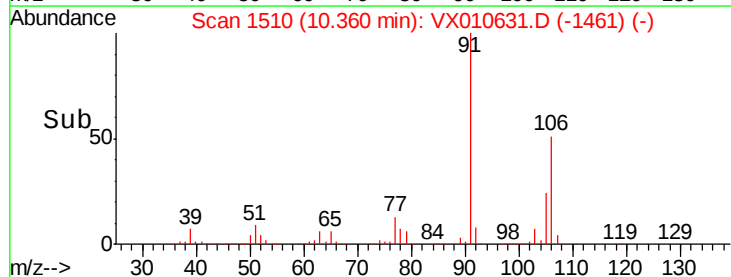
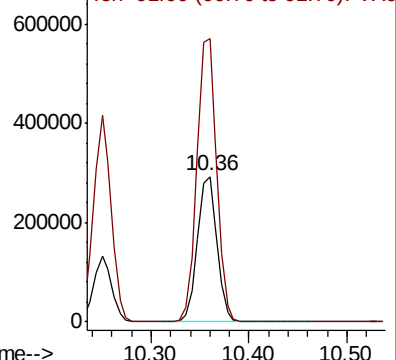
Ion Ratio Lower Upper

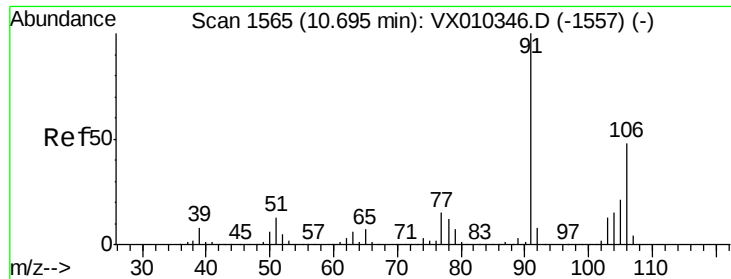
106 100

91 197.3 155.3 232.9



Abundance Ion 106.00 (105.70 to 106.70): VX010346.D (-1501) (-)

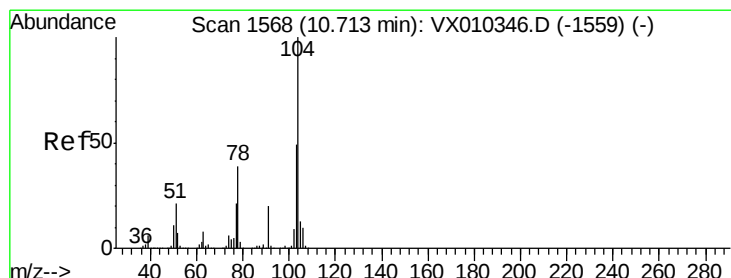
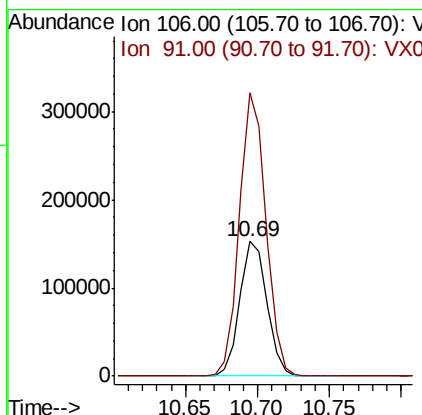
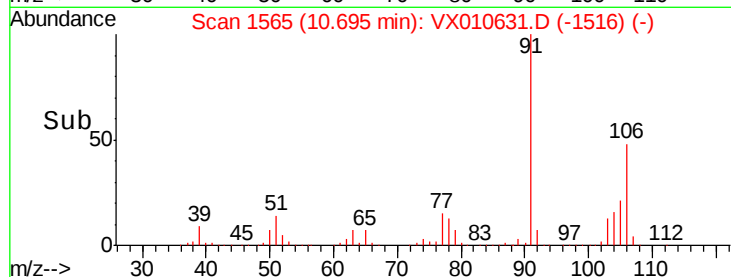
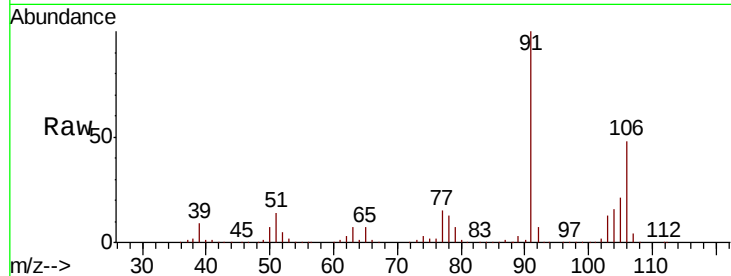




#69
o-Xylene
Concen: 50.966 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010631.D
Acq: 02 Jul 2019 20:41

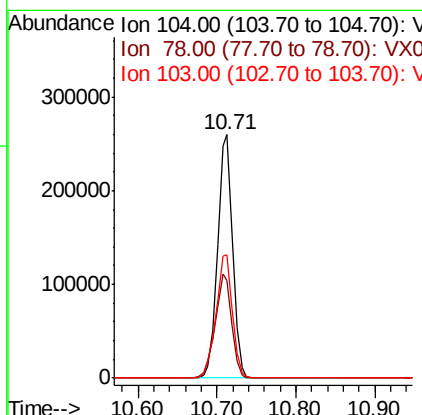
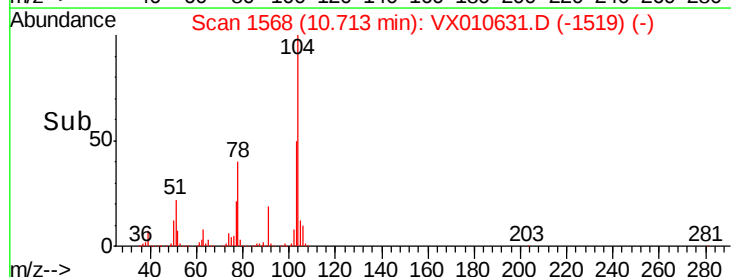
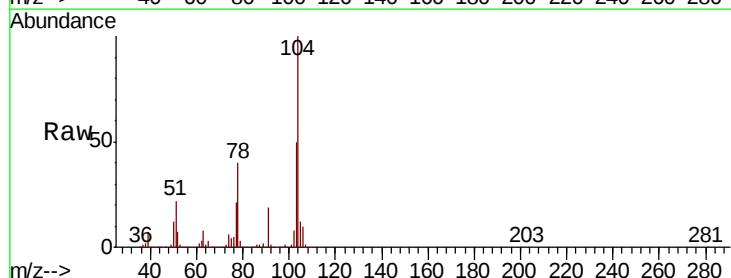
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 200567
Ion Ratio Lower Upper
106 100
91 205.2 102.7 308.1



#70
Styrene
Concen: 52.275 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX010631.D
Acq: 02 Jul 2019 20:41

Tgt Ion:104 Resp: 345000
Ion Ratio Lower Upper
104 100
78 46.7 36.2 54.2
103 55.4 44.2 66.4





#71

Bromoform

Concen: 49.945 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010631.D

Acq: 02 Jul 2019 20:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

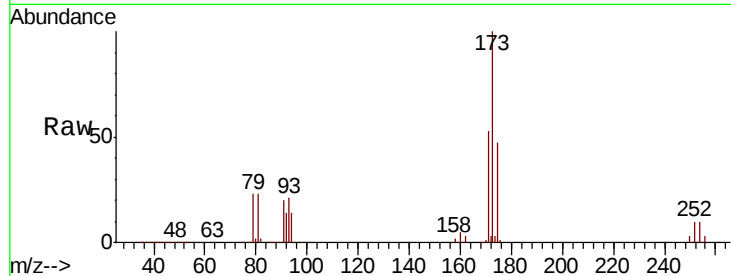
Tot Ion:173 Resp: 96784

Ion Ratio Lower Upper

173 100

175 48.5 24.1 72.3

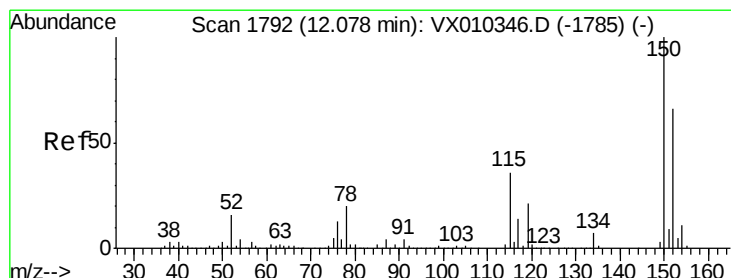
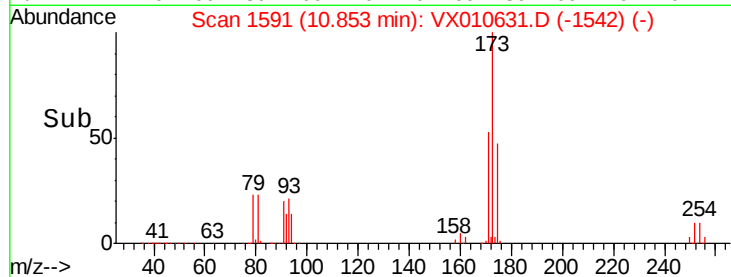
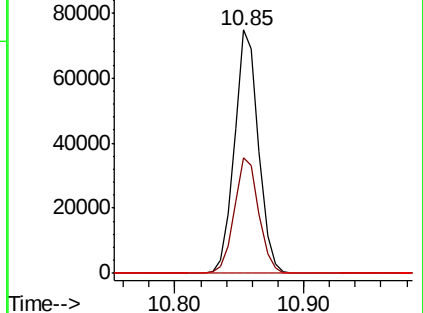
254 0.1 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010631.D

Acq: 02 Jul 2019 20:41

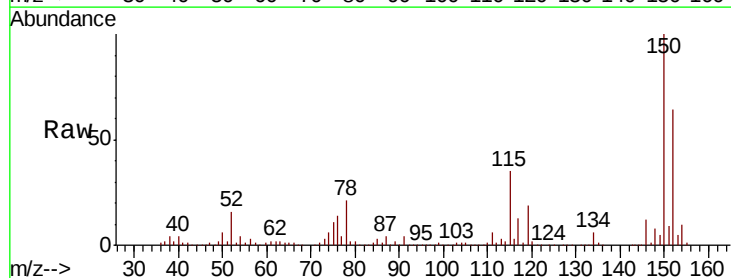
Tgt Ion:152 Resp: 158014

Ion Ratio Lower Upper

152 100

115 78.5 38.6 115.7

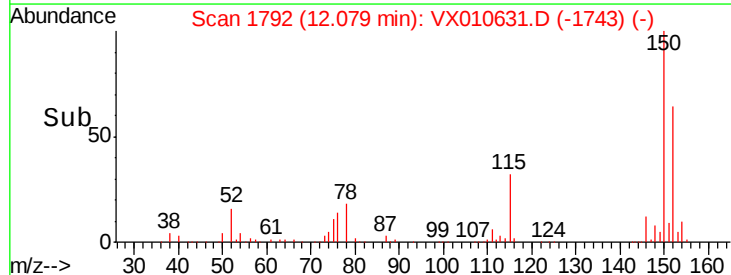
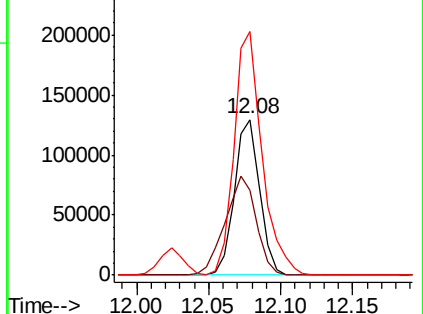
150 174.0 0.0 347.4

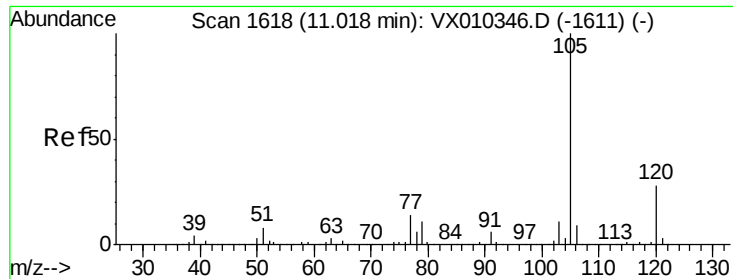


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.502 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010631.D

Acq: 02 Jul 2019 20:41

Instrument :

MSVOA_X

ClientSampleId :

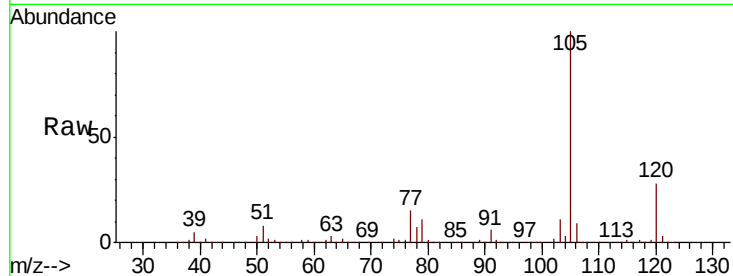
VSTDCCC050EC

Tot Ion:105 Resp: 530233

Ion Ratio Lower Upper

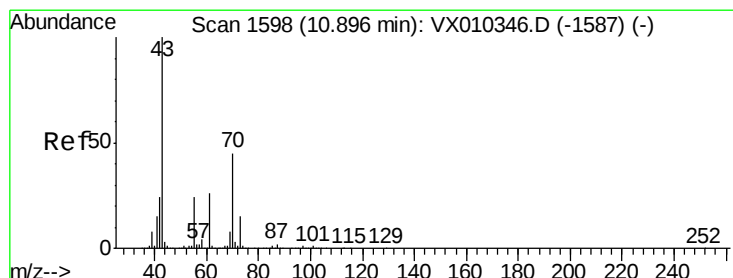
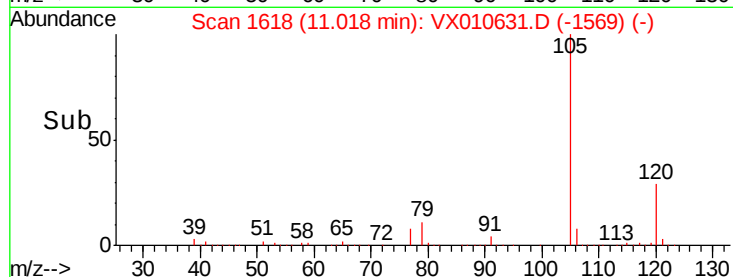
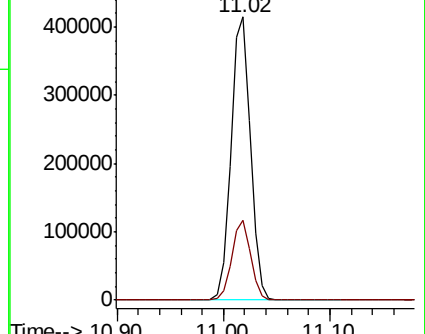
105 100

120 27.4 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 53.989 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010631.D

Acq: 02 Jul 2019 20:41

Tgt Ion: 43 Resp: 218553

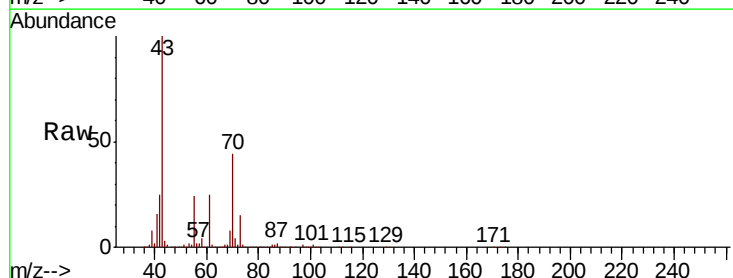
Ion Ratio Lower Upper

43 100

70 44.9 36.6 54.8

55 24.2 18.7 28.1

61 25.3 20.6 31.0

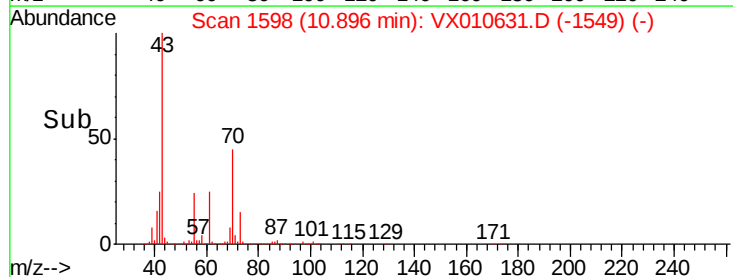
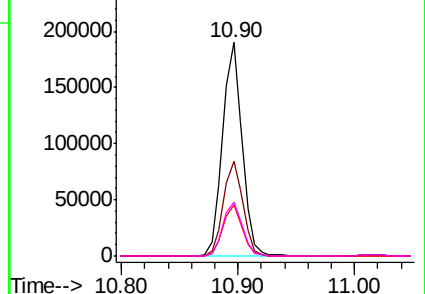


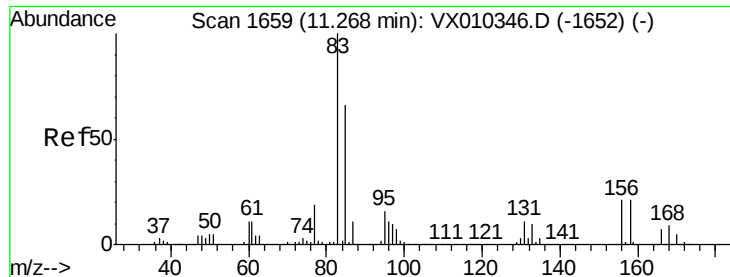
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 52.090 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010631.D

Acq: 02 Jul 2019 20:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

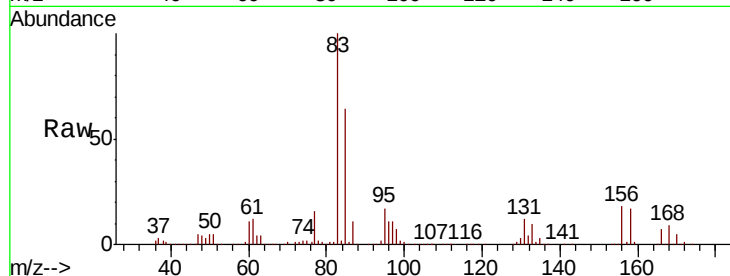
Tot Ion: 83 Resp: 184779

Ion Ratio Lower Upper

83 100

131 11.0 5.5 16.4

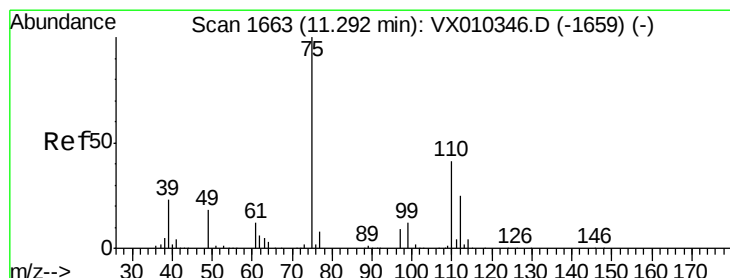
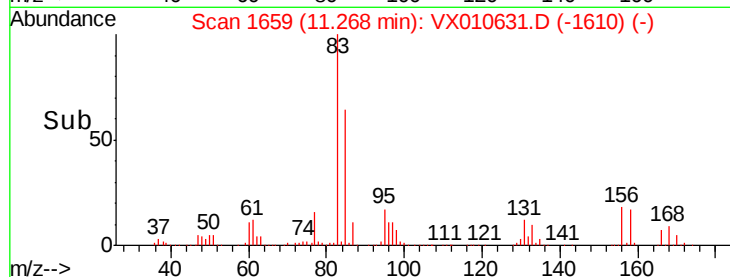
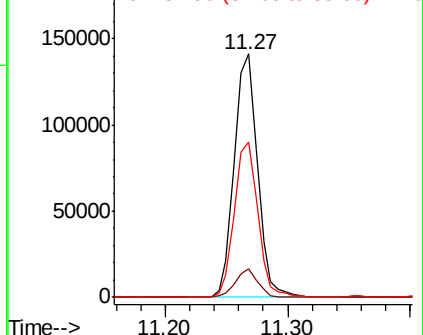
85 64.4 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 69.336 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX010631.D

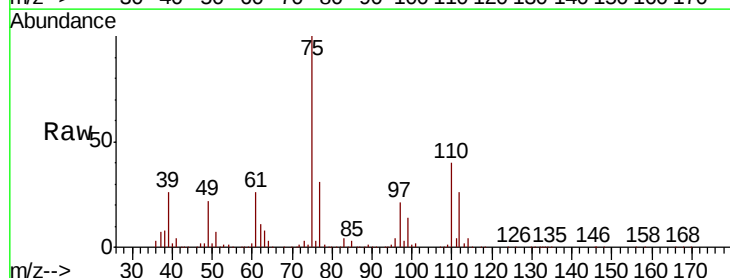
Acq: 02 Jul 2019 20:41

Tgt Ion: 75 Resp: 199647

Ion Ratio Lower Upper

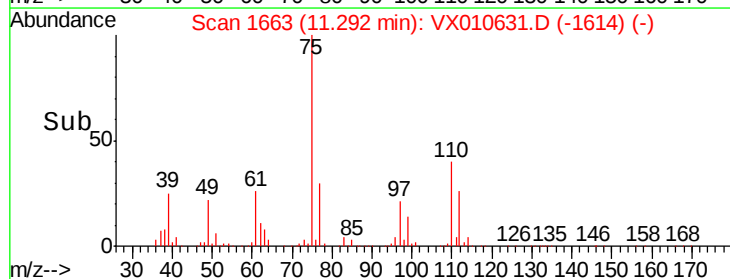
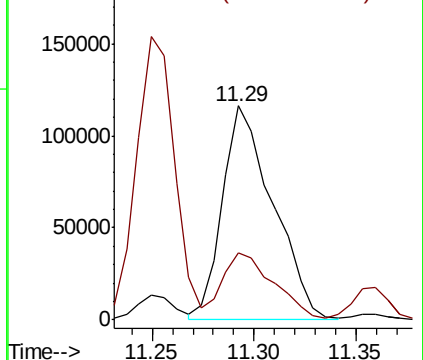
75 100

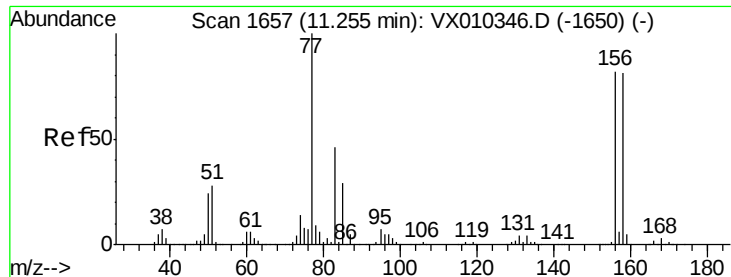
77 31.9 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.613 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX010631.D

Acq: 02 Jul 2019 20:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

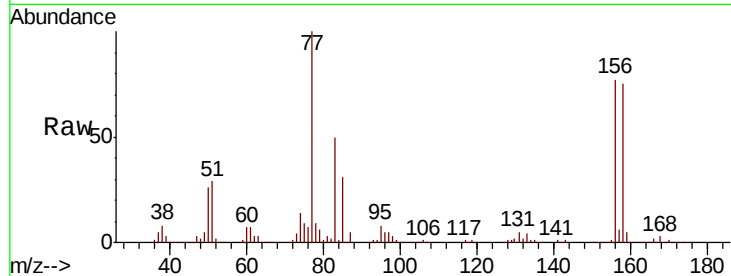
Tot Ion:156 Resp: 145399

Ion Ratio Lower Upper

156 100

77 137.5 66.3 198.7

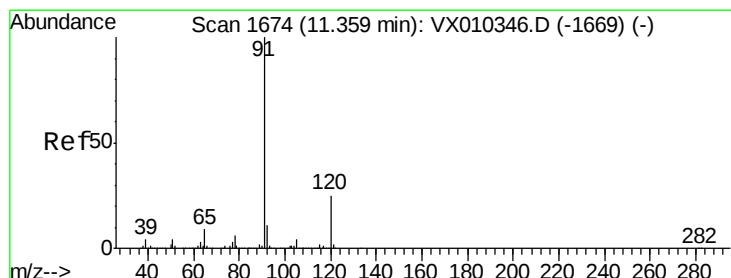
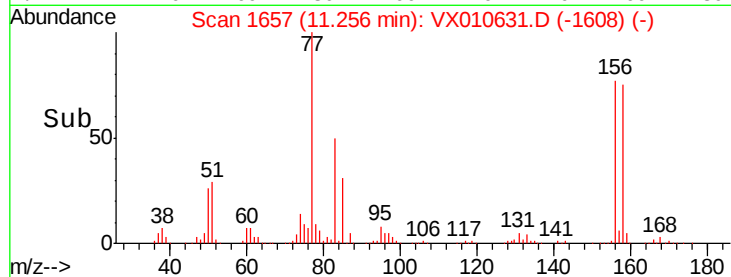
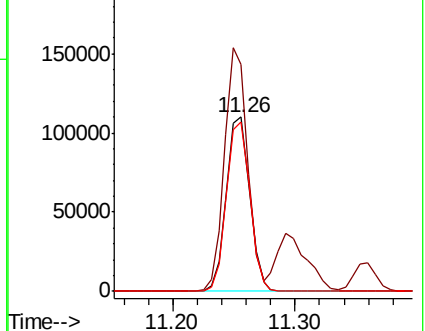
158 97.7 48.9 146.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.851 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010631.D

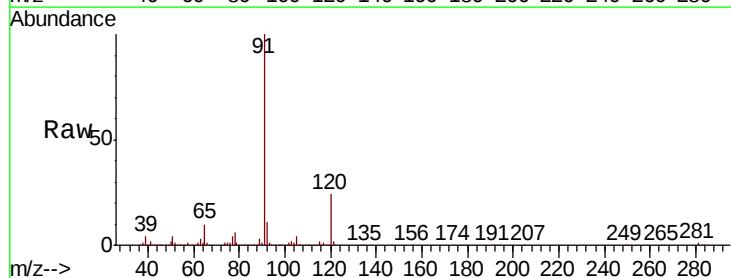
Acq: 02 Jul 2019 20:41

Tgt Ion: 91 Resp: 598629

Ion Ratio Lower Upper

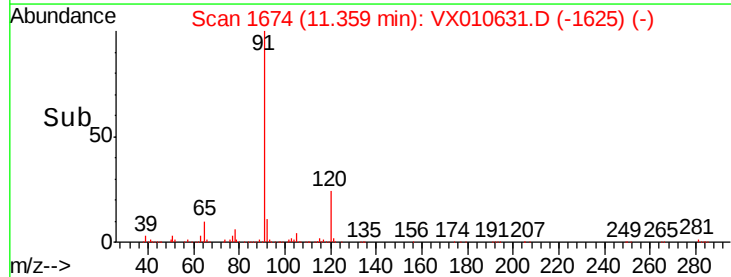
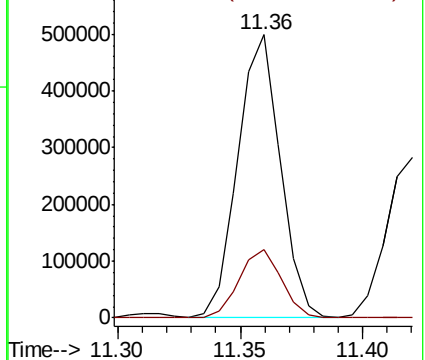
91 100

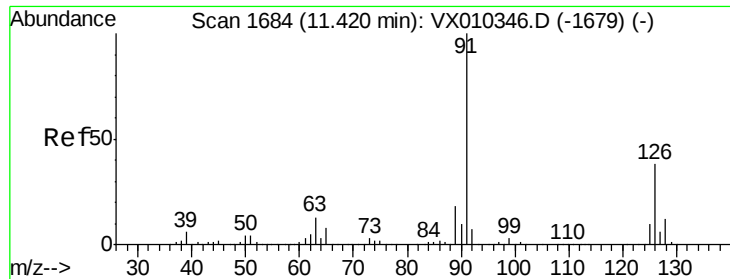
120 24.3 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

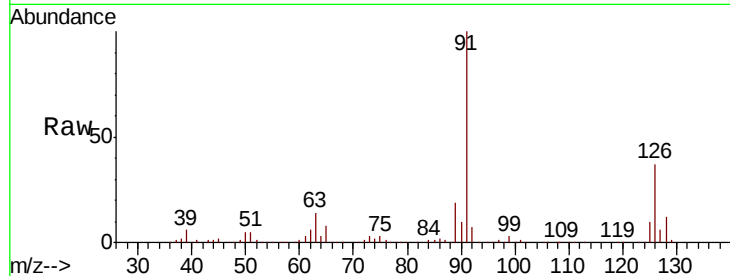




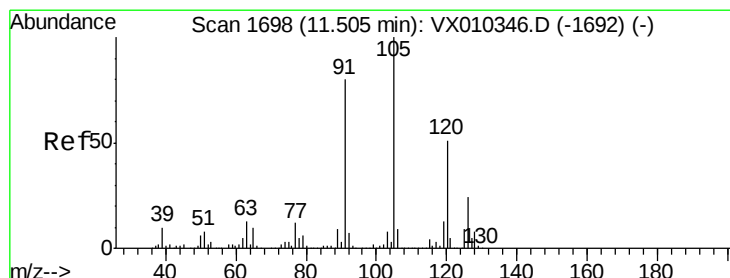
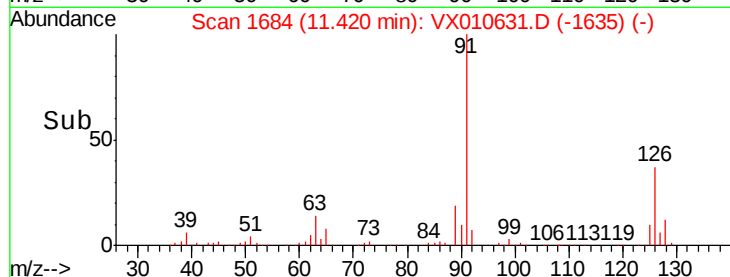
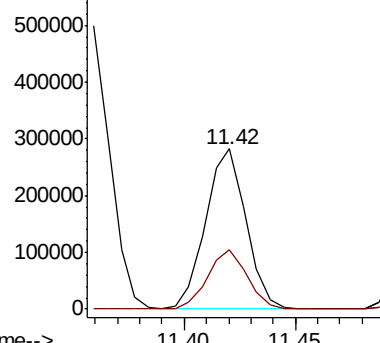
#79
2-Chlorotoluene
Concen: 50.660 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VX010631.D
Acq: 02 Jul 2019 20:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 355133
Ion Ratio Lower Upper
91 100
126 36.9 18.7 56.1

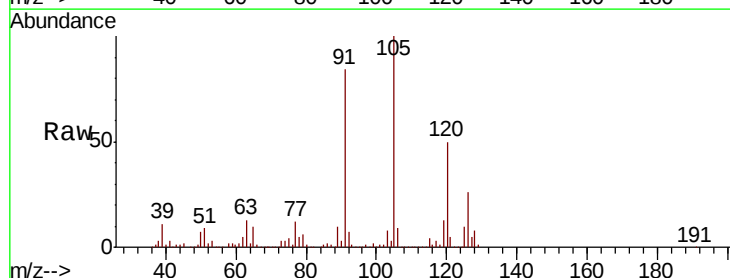


Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

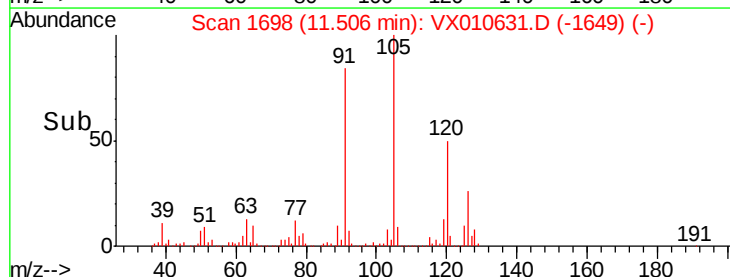
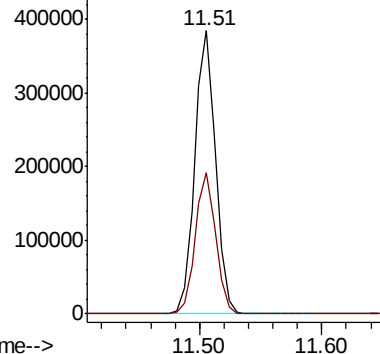


#80
1,3,5-Trimethylbenzene
Concen: 51.109 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX010631.D
Acq: 02 Jul 2019 20:41

Tgt Ion: 105 Resp: 451303
Ion Ratio Lower Upper
105 100
120 49.3 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

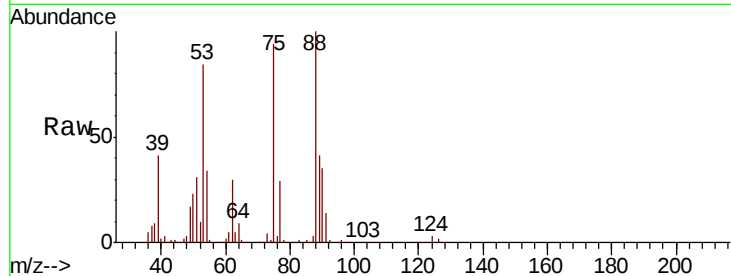




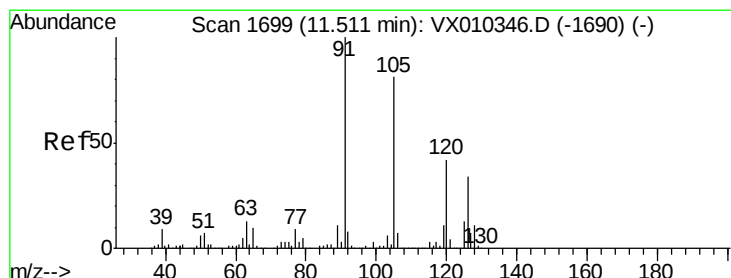
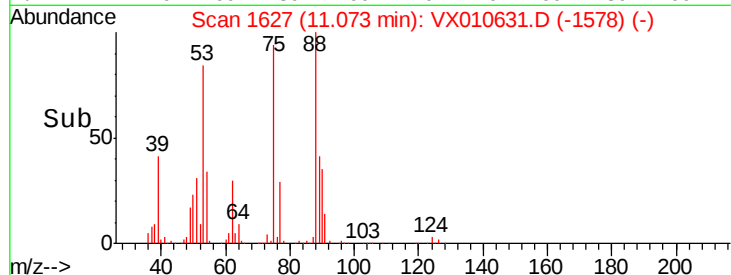
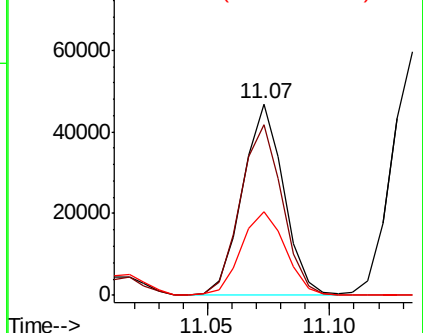
#81
trans-1,4-Dichloro-2-butene
Concen: 44.274 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX010631.D
Acq: 02 Jul 2019 20:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 54646
Ion Ratio Lower Upper
75 100
53 90.3 66.1 99.1
89 46.9 37.8 56.6

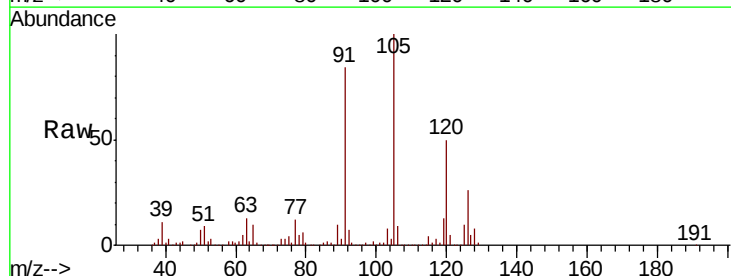


Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0

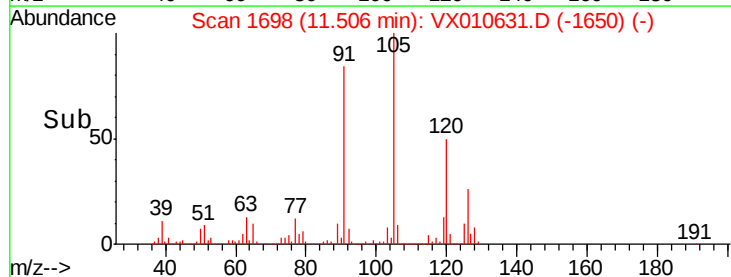
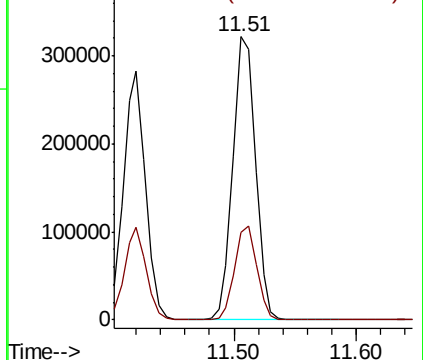


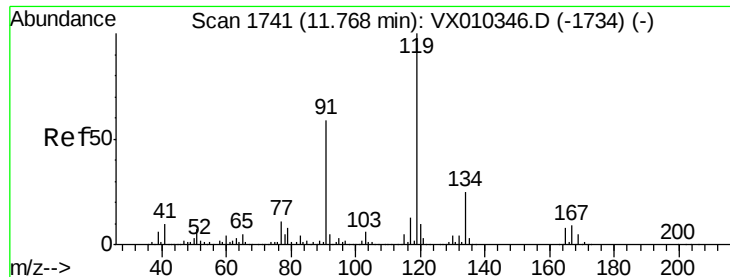
#82
4-Chlorotoluene
Concen: 51.491 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX010631.D
Acq: 02 Jul 2019 20:41

Tgt Ion: 91 Resp: 410732
Ion Ratio Lower Upper
91 100
126 32.3 16.2 48.6



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

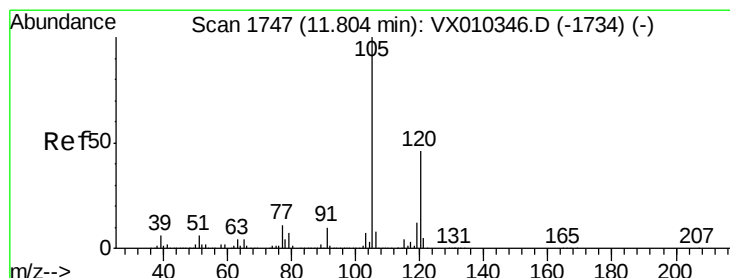
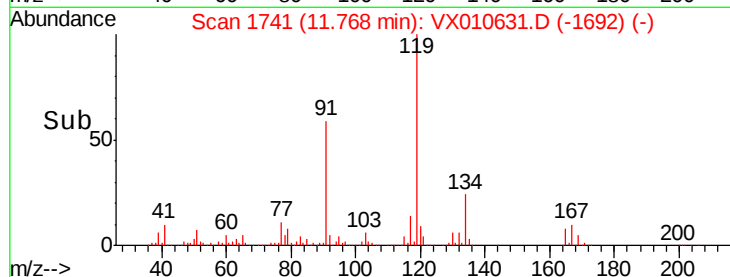
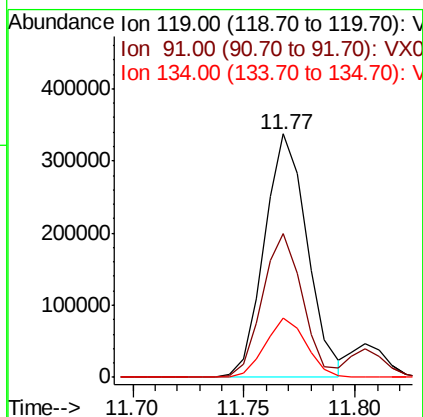
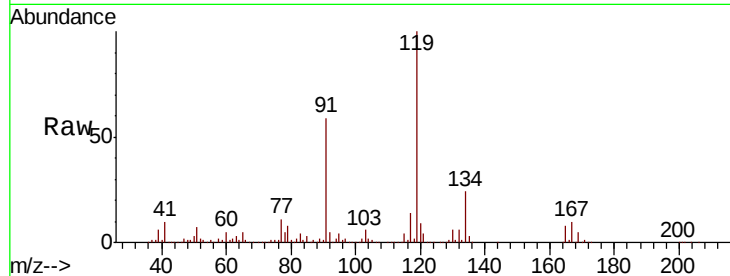




#83
 tert-Butylbenzene
 Concen: 50.802 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX010631.D
 Acq: 02 Jul 2019 20:41

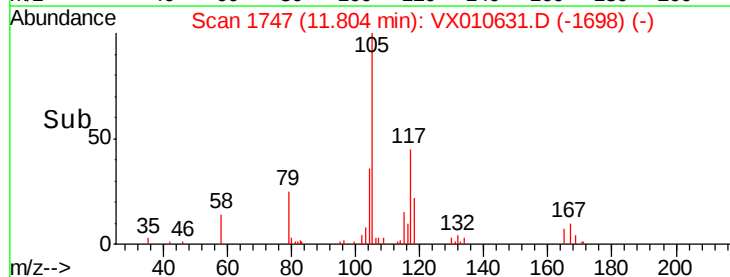
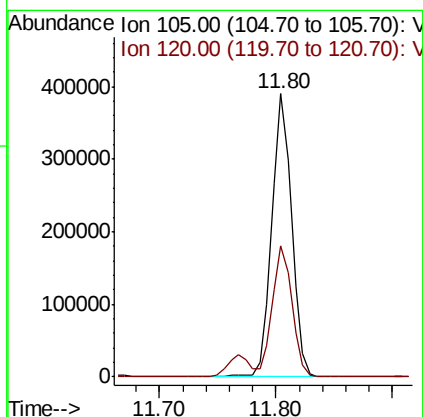
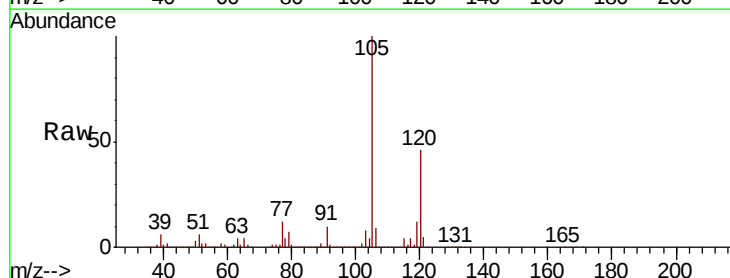
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

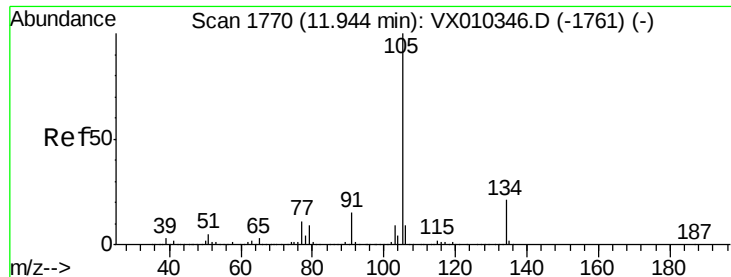
Tot Ion:119 Resp: 450247
 Ion Ratio Lower Upper
 119 100
 91 56.0 27.6 82.7
 134 23.3 11.8 35.4



#84
 1,2,4-Trimethylbenzene
 Concen: 51.481 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010631.D
 Acq: 02 Jul 2019 20:41

Tgt Ion:105 Resp: 456719
 Ion Ratio Lower Upper
 105 100
 120 46.4 23.1 69.2





#85

sec-Butylbenzene

Concen: 50.938 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010631.D

Acq: 02 Jul 2019 20:41

Instrument :

MSVOA_X

ClientSampleId :

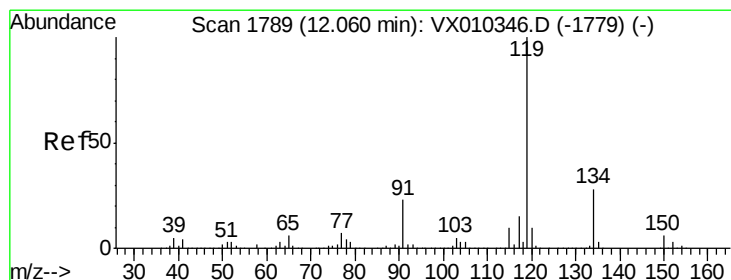
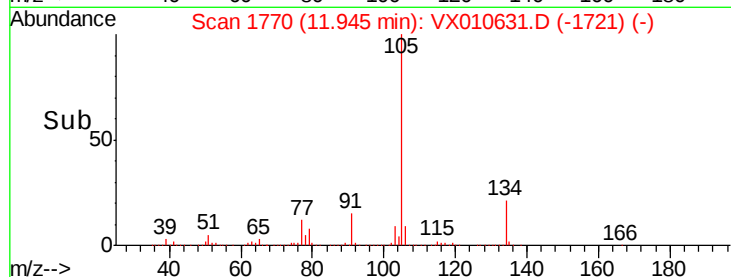
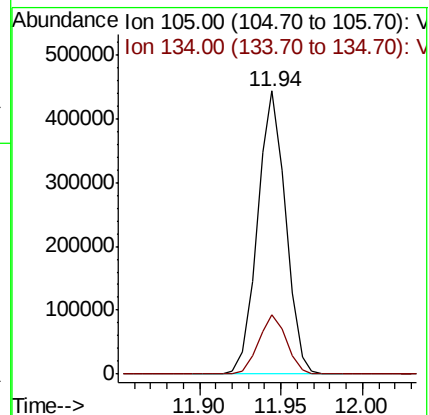
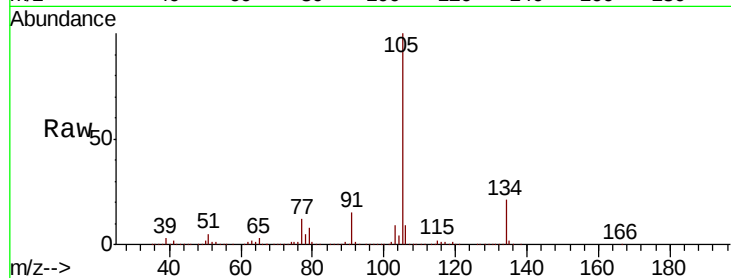
VSTDCCC050EC

Tot Ion:105 Resp: 530071

Ion Ratio Lower Upper

105 100

134 21.1 10.7 31.9



#86

p-Isopropyltoluene

Concen: 50.905 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010631.D

Acq: 02 Jul 2019 20:41

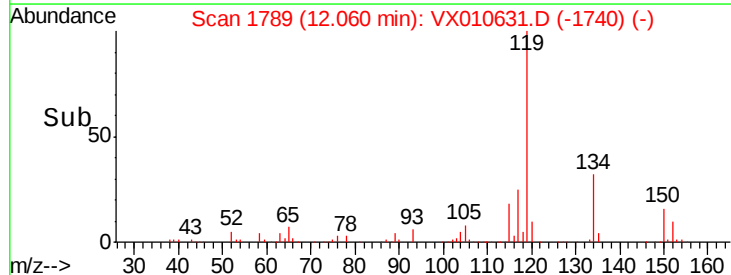
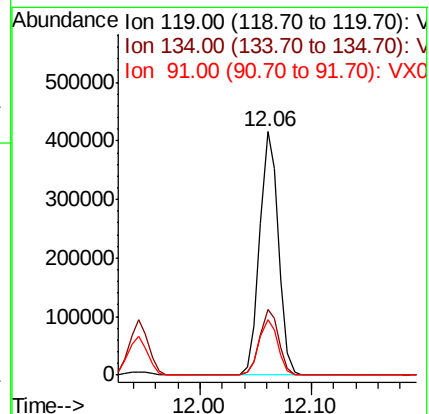
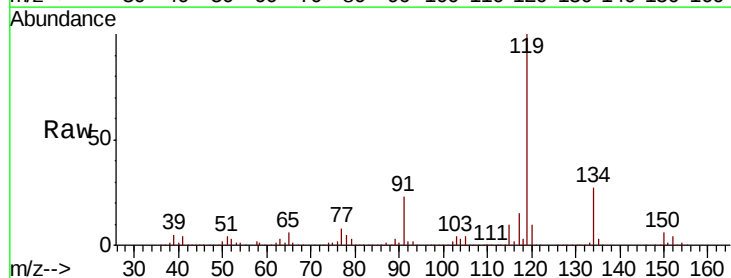
Tgt Ion:119 Resp: 489980

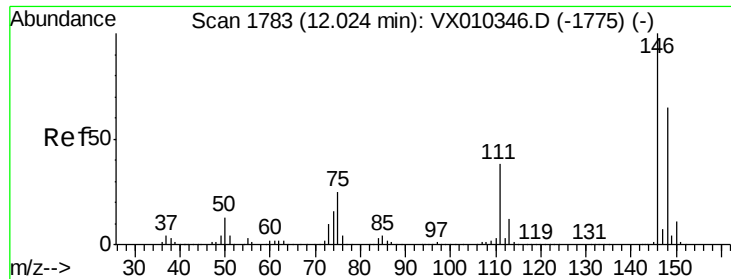
Ion Ratio Lower Upper

119 100

134 27.2 13.7 41.1

91 23.0 11.3 33.8

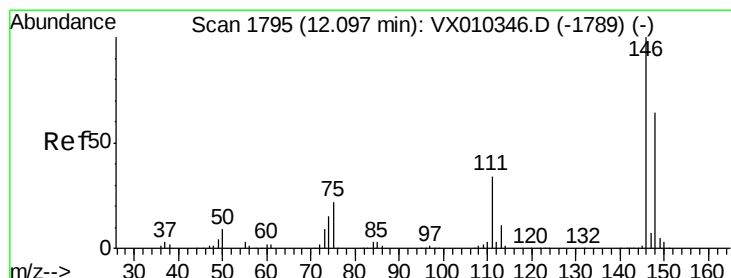
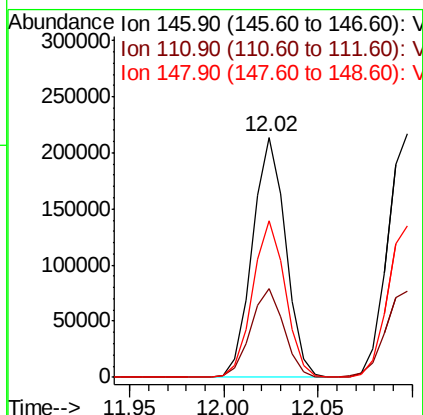
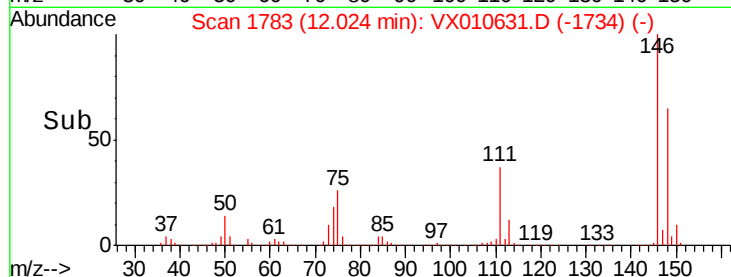
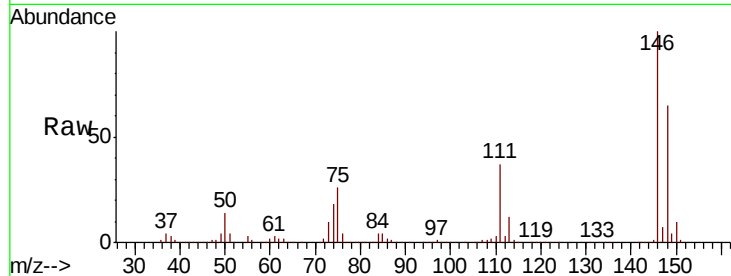




#87
 1,3-Dichlorobenzene
 Concen: 50.091 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010631.D
 Acq: 02 Jul 2019 20:41

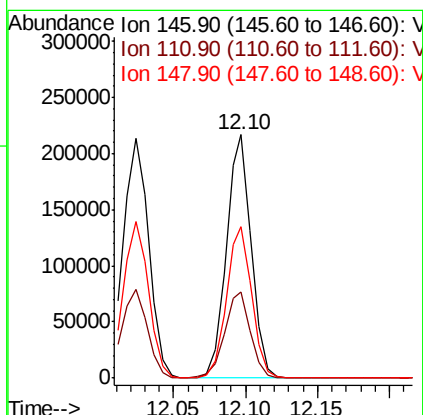
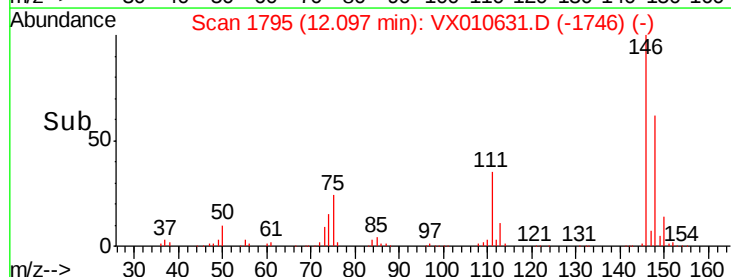
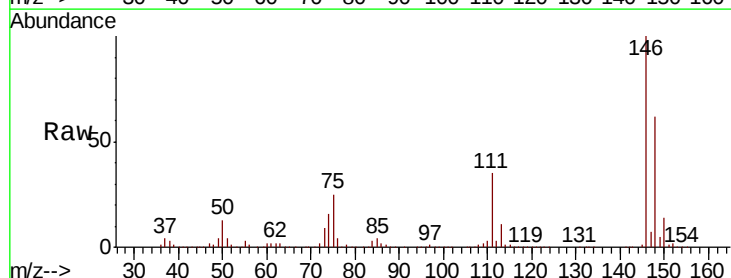
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

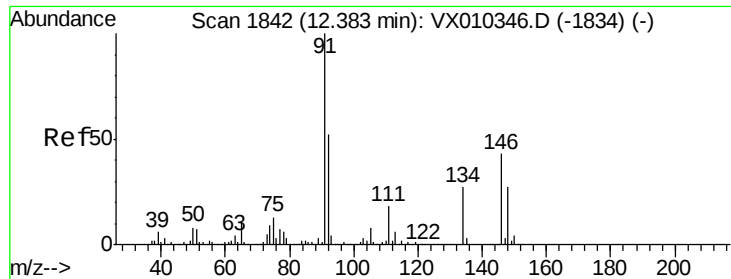
Tot Ion:146 Resp: 261518
 Ion Ratio Lower Upper
 146 100
 111 37.1 19.1 57.1
 148 64.2 32.5 97.4



#88
 1,4-Dichlorobenzene
 Concen: 49.296 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010631.D
 Acq: 02 Jul 2019 20:41

Tgt Ion:146 Resp: 262013
 Ion Ratio Lower Upper
 146 100
 111 36.9 18.1 54.3
 148 63.3 32.1 96.3

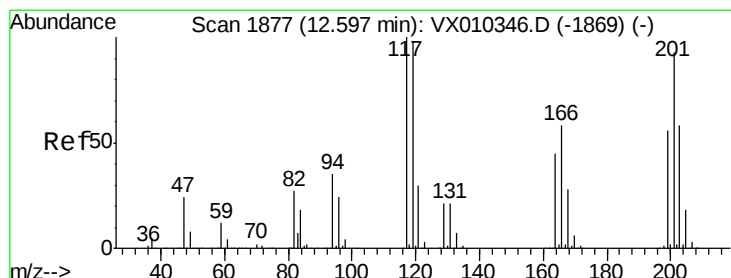
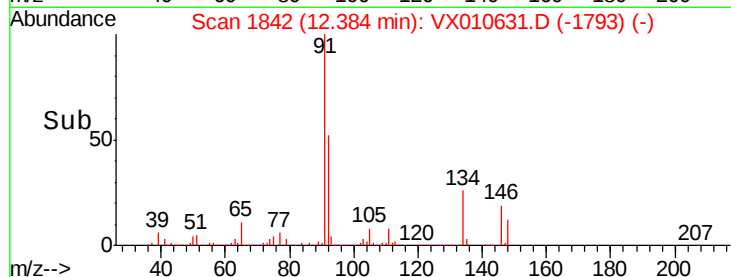
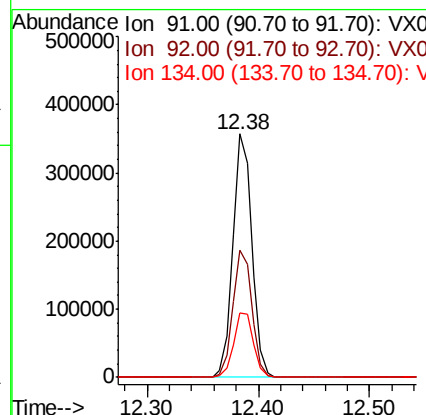
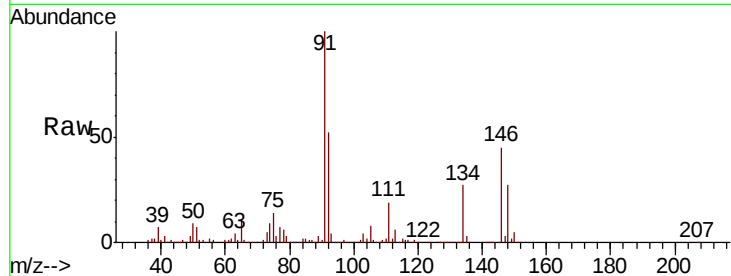




#89
n-Butylbenzene
Concen: 51.336 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010631.D
Acq: 02 Jul 2019 20:41

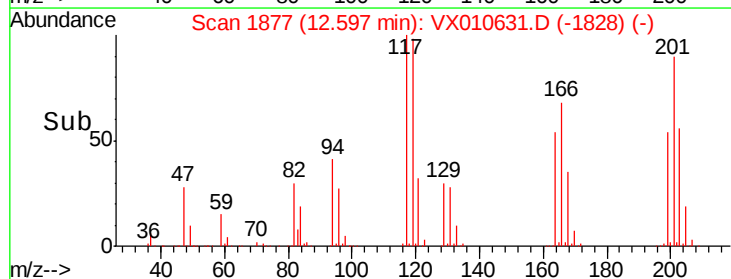
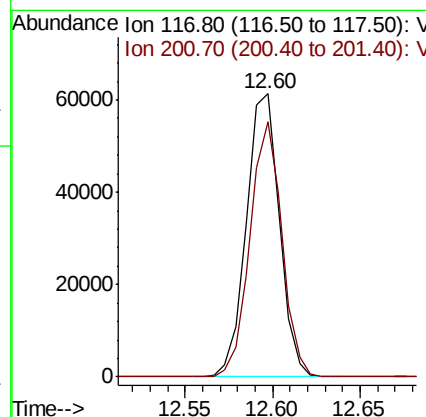
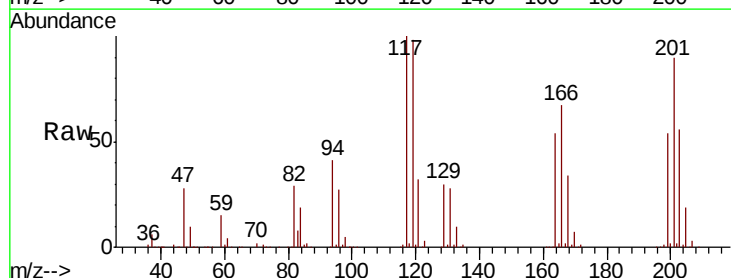
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

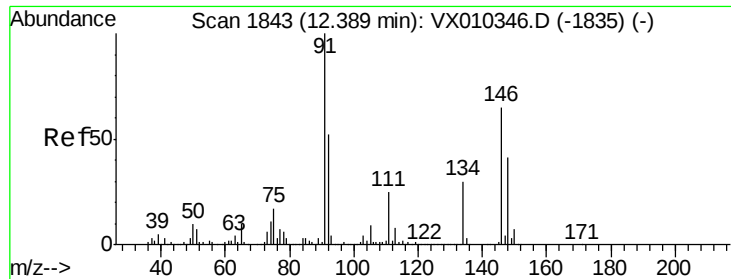
Tot Ion: 91 Resp: 419885
Ion Ratio Lower Upper
91 100
92 52.4 26.2 78.5
134 27.6 14.1 42.4



#90
Hexachloroethane
Concen: 48.418 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX010631.D
Acq: 02 Jul 2019 20:41

Tgt Ion: 117 Resp: 80584
Ion Ratio Lower Upper
117 100
201 86.7 44.0 131.8

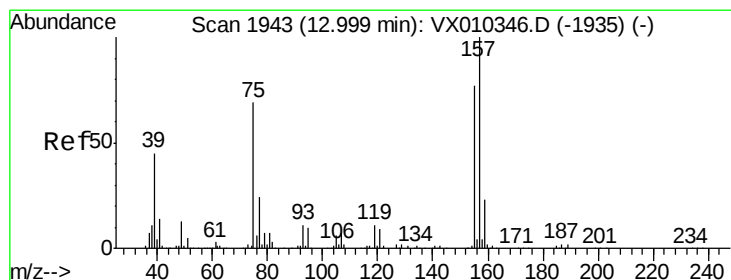
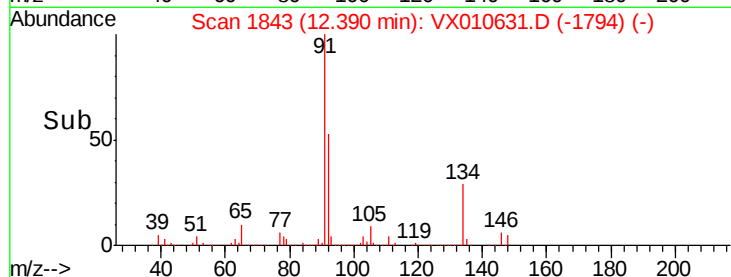
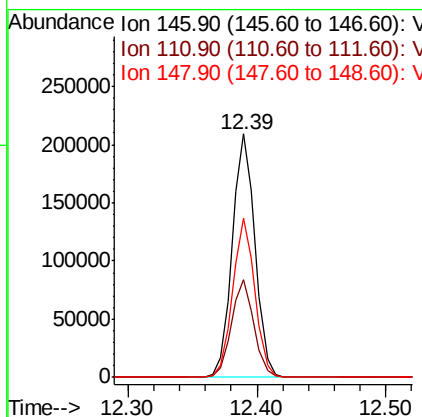
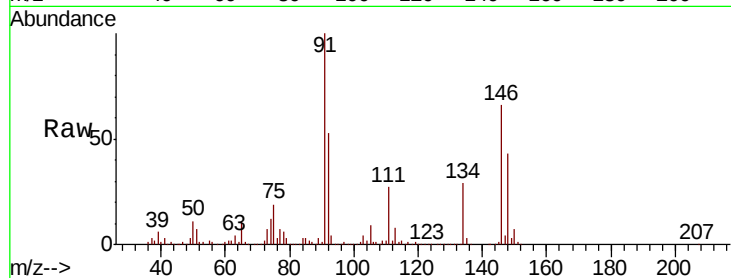




#91
 1,2-Dichlorobenzene
 Concen: 49.742 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX010631.D
 Acq: 02 Jul 2019 20:41

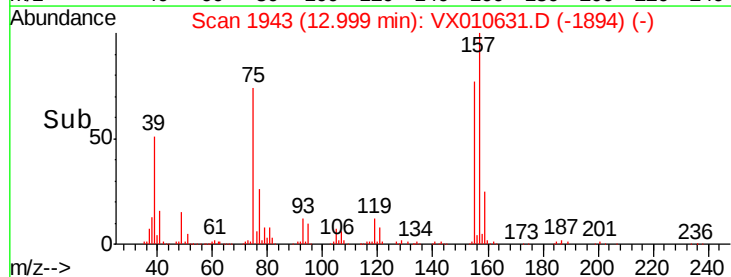
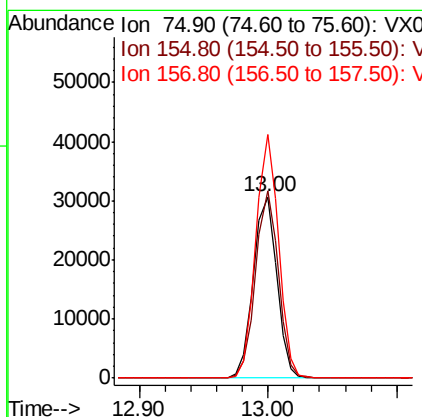
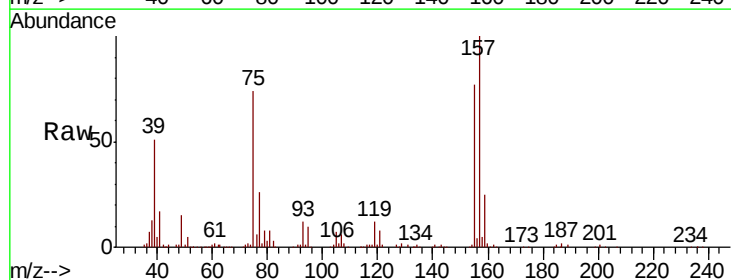
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:146 Resp: 258105
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.2 57.6
 148 63.8 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.057 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX010631.D
 Acq: 02 Jul 2019 20:41

Tgt Ion: 75 Resp: 38285
 Ion Ratio Lower Upper
 75 100
 155 100.2 54.4 163.1
 157 129.8 69.5 208.3

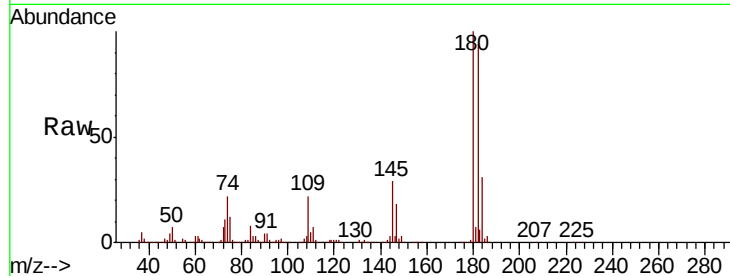




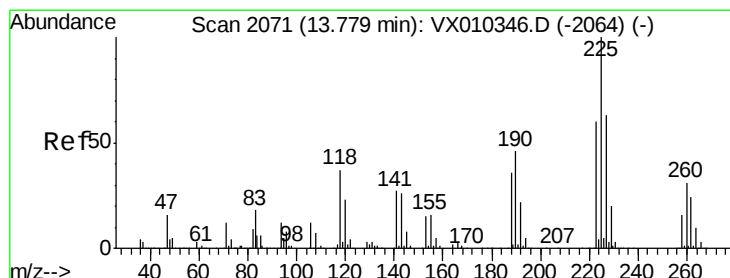
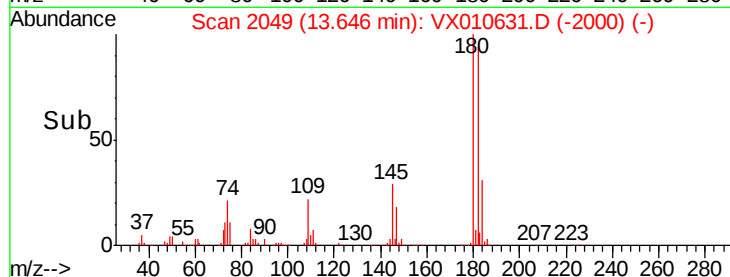
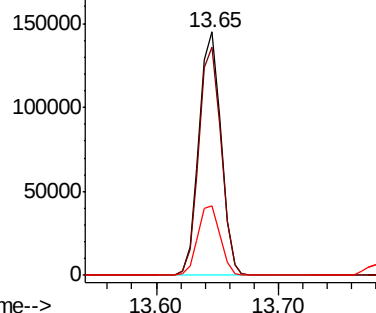
#93
 1,2,4-Trichlorobenzene
 Concen: 50.009 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX010631.D
 Acq: 02 Jul 2019 20:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.8	48.0	144.0
145	29.1	14.4	43.4

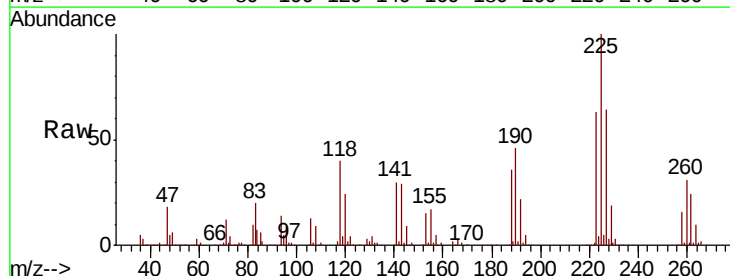


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

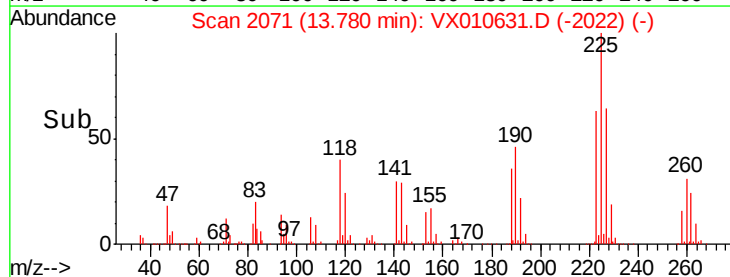
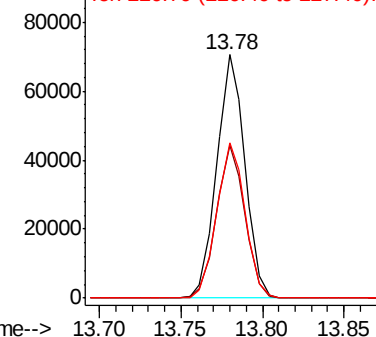


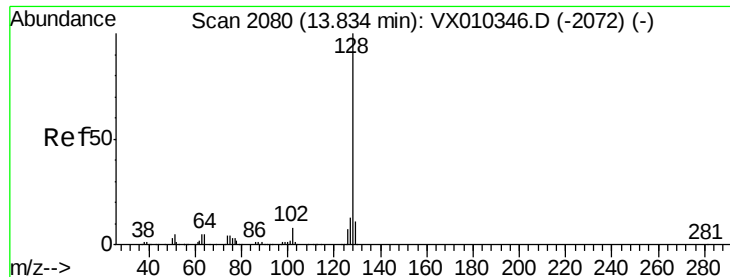
#94
 Hexachlorobutadiene
 Concen: 48.357 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX010631.D
 Acq: 02 Jul 2019 20:41

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	30.9	92.7
227	63.9	31.9	95.5



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: 51.396 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010631.D

Acq: 02 Jul 2019 20:41

Instrument :

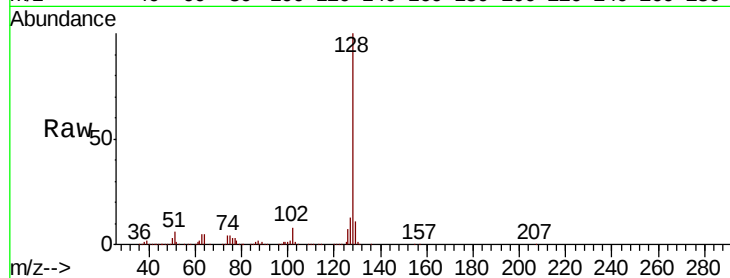
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:128 Resp: 568343

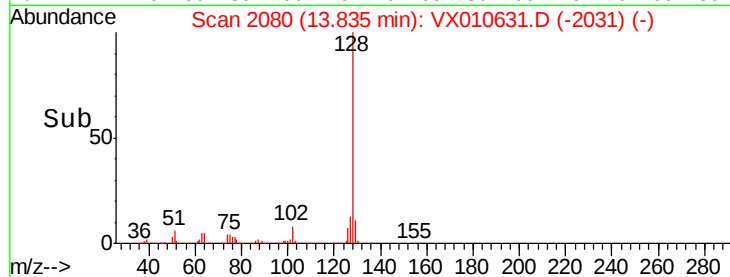
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.4
129	10.9	8.9	13.3



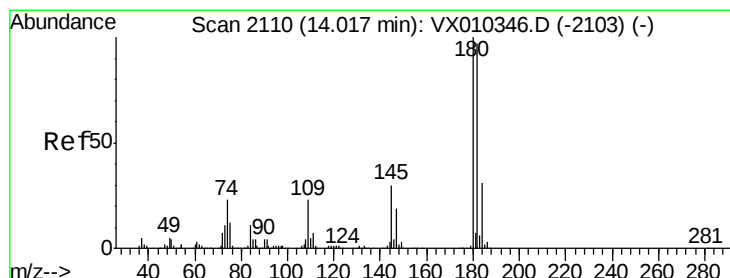
Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 50.716 ug/l

RT: 14.02 min Scan# 2110

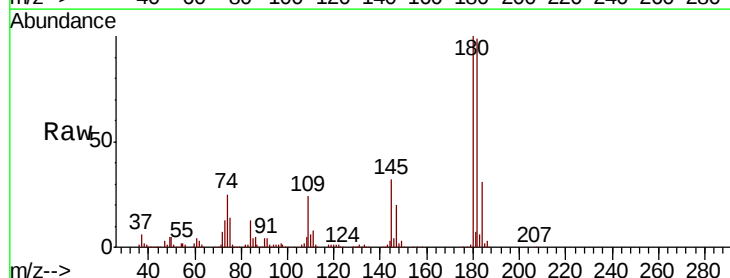
Delta R.T. 0.00 min

Lab File: VX010631.D

Acq: 02 Jul 2019 20:41

Tgt Ion:180 Resp: 181448

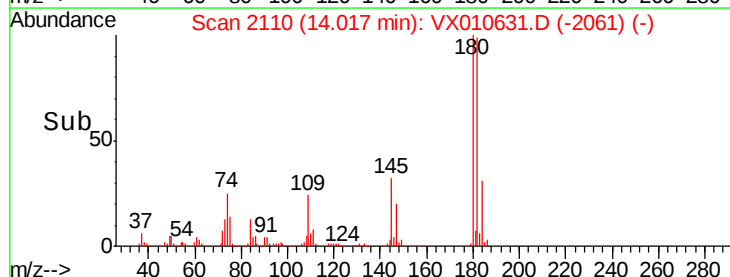
Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.8	143.3
145	30.8	15.2	45.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V



Time-->