

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070919\
 Data File : VX010738.D
 Acq On : 09 Jul 2019 09:53
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 09 10:13:04 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	5.66	168	227688	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	338161	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	306314	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	166469	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	104034	48.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.46%	
35) Dibromofluoromethane	5.49	113	101487	49.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.10%	
50) Toluene-d8	8.71	98	377438	47.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.36%	
62) 4-Bromofluorobenzene	11.13	95	143676	50.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	97226	61.421	ug/l	99
3) Chloromethane	1.32	50	101604	55.122	ug/l	100
4) Vinyl Chloride	1.41	62	107019	53.008	ug/l	98
5) Bromomethane	1.64	94	57246	58.202	ug/l	98
6) Chloroethane	1.71	64	68438	57.457	ug/l	100
7) Trichlorofluoromethane	1.92	101	182286	56.956	ug/l	99
8) Diethyl Ether	2.18	74	64470	56.172	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	106860	55.097	ug/l	99
10) Methyl Iodide	2.51	142	122894	44.399	ug/l	97
11) Tert butyl alcohol	3.05	59	119229	213.439	ug/l	98
12) 1,1-Dichloroethene	2.37	96	105282	53.346	ug/l	97
13) Acrolein	2.29	56	88238	238.117	ug/l	99
14) Allyl chloride	2.72	41	150544	53.730	ug/l	98
15) Acrylonitrile	3.14	53	286666	259.196	ug/l	99
16) Acetone	2.44	43	308008	287.886	ug/l	96
17) Carbon Disulfide	2.57	76	263804	49.824	ug/l	100
18) Methyl Acetate	2.77	43	110562	51.849	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	328457	52.903	ug/l	99
20) Methylene Chloride	2.85	84	117391	53.316	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	111876	52.708	ug/l	98
22) Diisopropyl ether	3.85	45	313243	53.472	ug/l	91
23) Vinyl Acetate	3.81	43	1393115	275.278	ug/l	98
24) 1,1-Dichloroethane	3.70	63	179998	53.157	ug/l	99
25) 2-Butanone	4.67	43	420560	267.974	ug/l	100
26) 2,2-Dichloropropane	4.58	77	152604	51.879	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	128487	52.384	ug/l	99
28) Bromochloromethane	5.01	49	76507	47.256	ug/l	96
29) Tetrahydrofuran	5.12	42	251450	258.667	ug/l	98
30) Chloroform	5.21	83	192061	52.716	ug/l	95
31) Cyclohexane	5.57	56	167132	54.200	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	169050	52.548	ug/l	100
36) 1,1-Dichloropropene	5.79	75	142803	53.142	ug/l	99
37) Ethyl Acetate	4.83	43	144865	52.402	ug/l	99
38) Carbon Tetrachloride	5.78	117	151457	52.049	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	192947	54.624	ug/l	99
40) Benzene	6.13	78	442293	52.830	ug/l	99
41) Methacrylonitrile	5.04	41	82253	54.227	ug/l	96
42) 1,2-Dichloroethane	6.19	62	145346	57.034	ug/l	98
43) Isopropyl Acetate	6.44	43	240644	52.614	ug/l	99
44) Trichloroethene	7.21	130	131493	52.490	ug/l	96
45) 1,2-Dichloropropane	7.51	63	111603	52.788	ug/l	98
46) Dibromomethane	7.66	93	80950	53.367	ug/l	97
47) Bromodichloromethane	7.90	83	145826	52.459	ug/l	98
48) Methyl methacrylate	7.76	41	115559	54.356	ug/l	99
49) 1,4-Dioxane	7.74	88	62849	1026.211	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	788197	269.448	ug/l	99
52) Toluene	8.78	92	292730	53.096	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	162636	52.184	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	179718	53.064	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	120437	52.968	ug/l	99
56) Ethyl methacrylate	9.18	69	184677	53.616	ug/l	96
57) 1,3-Dichloropropane	9.37	76	187943	53.248	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	385870	235.881	ug/l	99
59) 2-Hexanone	9.49	43	628635	273.051	ug/l	97
60) Dibromochloromethane	9.58	129	129670	50.934	ug/l	100
61) 1,2-Dibromoethane	9.67	107	129098	52.601	ug/l	99
64) Tetrachloroethene	9.33	164	127345	51.400	ug/l	98
65) Chlorobenzene	10.13	112	329811	53.035	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	121141	53.479	ug/l	99
67) Ethyl Benzene	10.25	91	574694	54.740	ug/l	100
68) m/p-Xylenes	10.35	106	446038	109.647	ug/l	99
69) o-Xylene	10.69	106	216009	53.996	ug/l	100
70) Styrene	10.71	104	370541	55.231	ug/l	99
71) Bromoform	10.85	173	99475	50.498	ug/l #	97
73) Isopropylbenzene	11.02	105	577848	51.207	ug/l	99
74) N-amyl acetate	10.90	43	223732	52.462	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	185567	49.655	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	204993	67.576	ug/l	81
77) Bromobenzene	11.25	156	155036	49.203	ug/l	96
78) n-propylbenzene	11.36	91	664634	53.590	ug/l	99
79) 2-Chlorotoluene	11.42	91	381093	51.602	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	492537	52.945	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	58779	45.204	ug/l	93
82) 4-Chlorotoluene	11.51	91	447302	53.227	ug/l	100
83) tert-Butylbenzene	11.77	119	483717	51.806	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	497143	53.191	ug/l	99
85) sec-Butylbenzene	11.94	105	581529	53.045	ug/l	99
86) p-Isopropyltoluene	12.06	119	544314	53.678	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	280705	51.035	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	282293	50.414	ug/l	99
89) n-Butylbenzene	12.38	91	480199	55.728	ug/l	99
90) Hexachloroethane	12.60	117	86332	49.237	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	273314	49.998	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	38189	47.396	ug/l	93

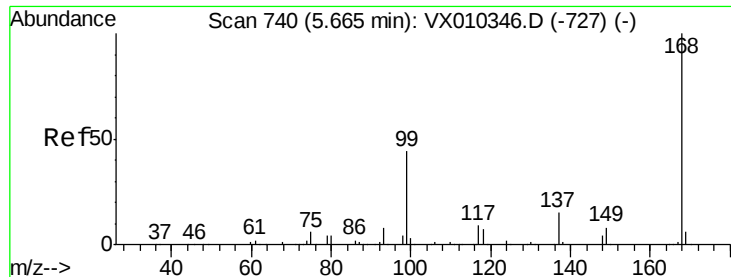
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070919\
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Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	196569	51.852	ug/l	98
94) Hexachlorobutadiene	13.78	225	97088	52.402	ug/l	99
95) Naphthalene	13.83	128	578406	49.650	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	194133	51.505	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010738.D

Acq: 09 Jul 2019 09:53

Instrument :

MSVOA_X

ClientSampleId :

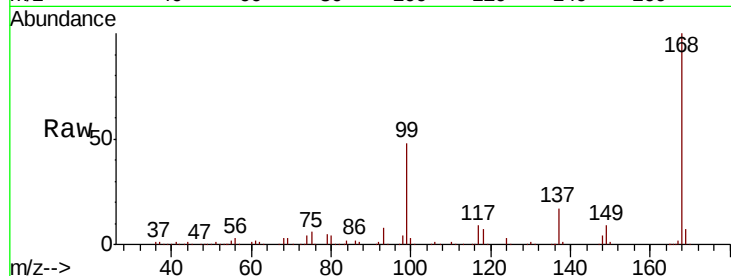
VSTDCCC050

Tgt Ion: 168 Resp: 227688

Ion Ratio Lower Upper

168 100

99 48.3 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): VX010346.D (-727) (-)

Ion 98.90 (98.60 to 99.60): VX010346.D (-727) (-)

5.66

80000

60000

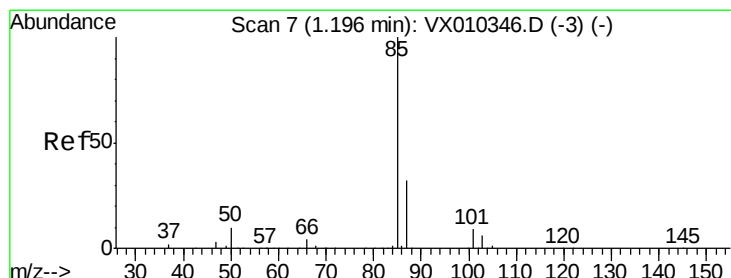
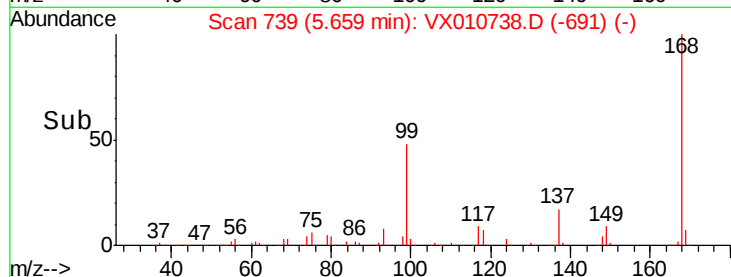
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 61.421 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010738.D

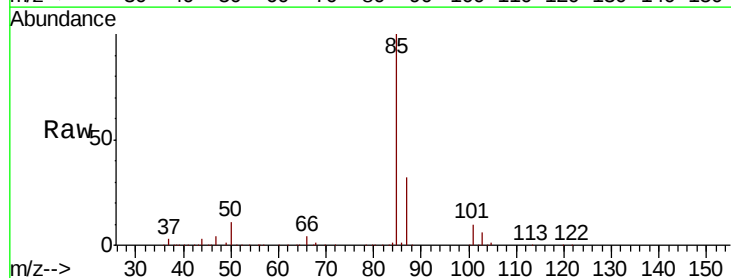
Acq: 09 Jul 2019 09:53

Tgt Ion: 85 Resp: 97226

Ion Ratio Lower Upper

85 100

87 32.0 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX010346.D (-3) (-)

Ion 86.90 (86.60 to 87.60): VX010346.D (-3) (-)

1.20

100000

80000

60000

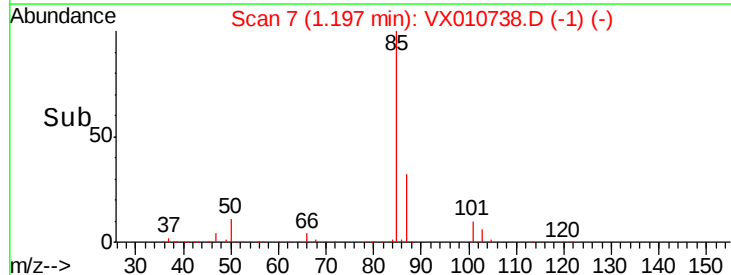
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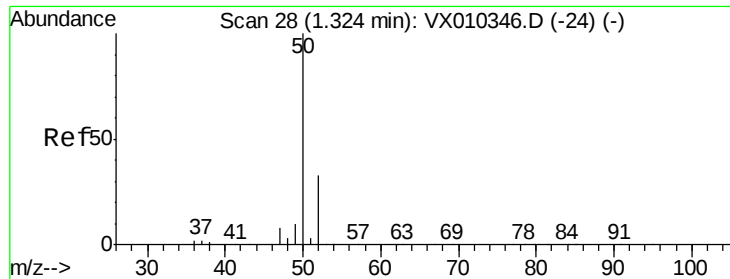
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 55.122 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010738.D

Acq: 09 Jul 2019 09:53

Instrument :

MSVOA_X

ClientSampleId :

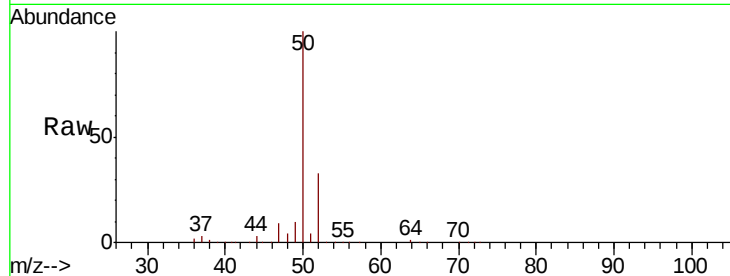
VSTDCCC050

Tgt Ion: 50 Resp: 101604

Ion Ratio Lower Upper

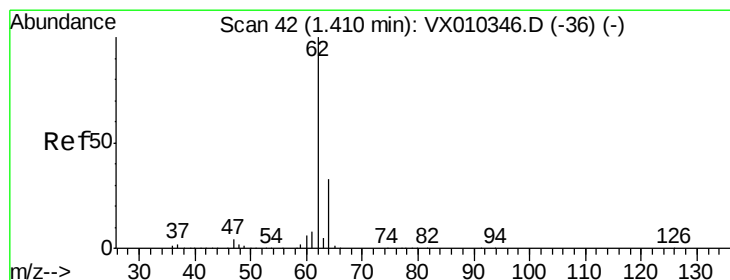
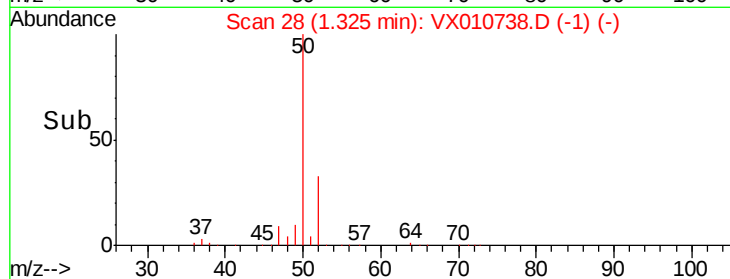
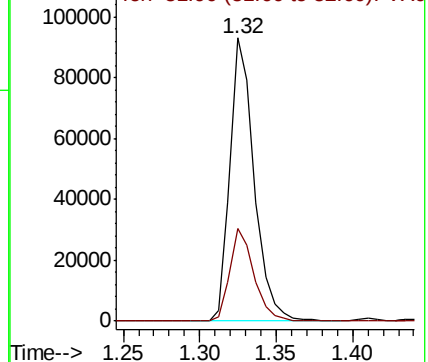
50 100

52 32.8 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: 53.008 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010738.D

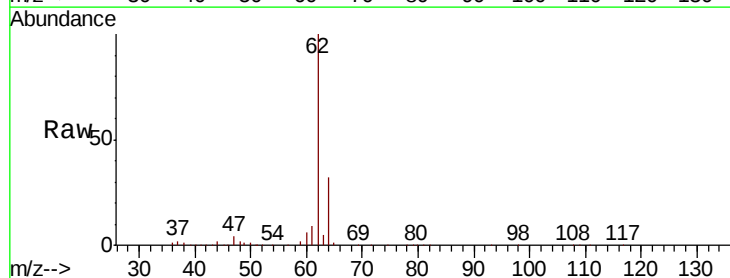
Acq: 09 Jul 2019 09:53

Tgt Ion: 62 Resp: 107019

Ion Ratio Lower Upper

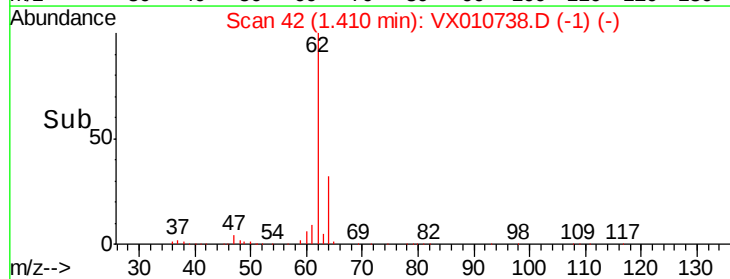
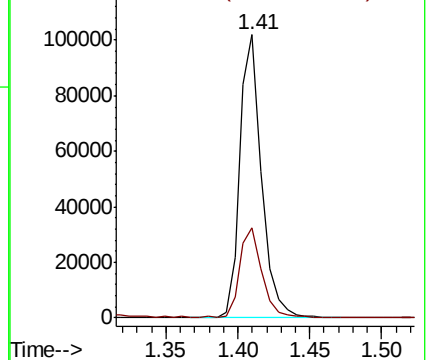
62 100

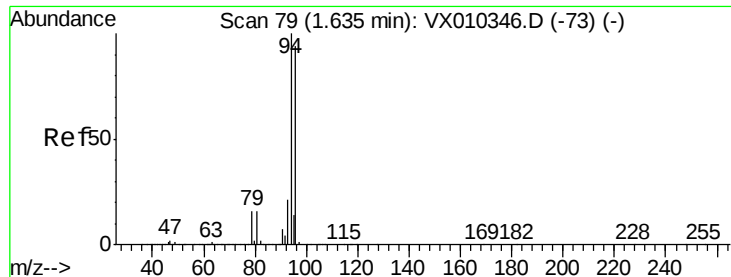
64 31.6 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 58.202 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010738.D

Acq: 09 Jul 2019 09:53

Instrument :

MSVOA_X

ClientSampleId :

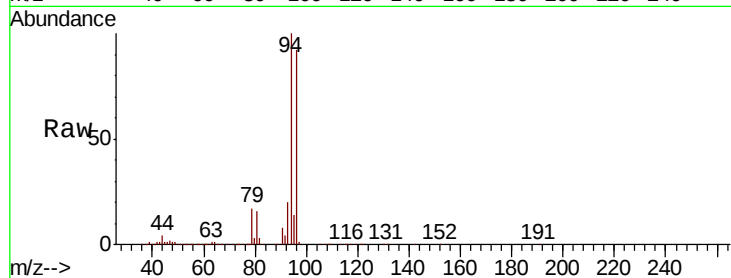
VSTDCCC050

Tgt Ion: 94 Resp: 57246

Ion Ratio Lower Upper

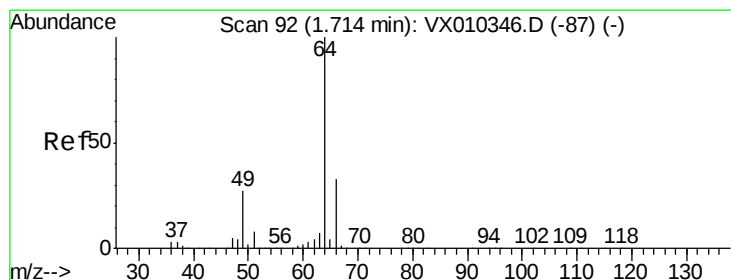
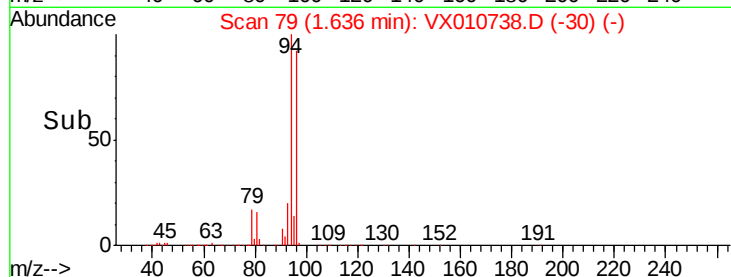
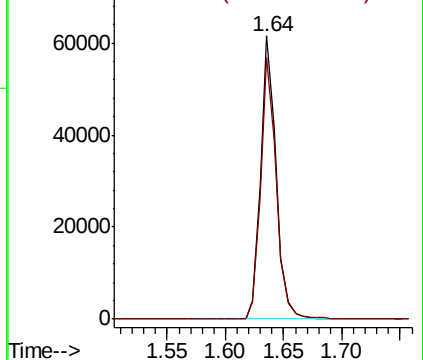
94 100

96 92.4 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: 57.457 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010738.D

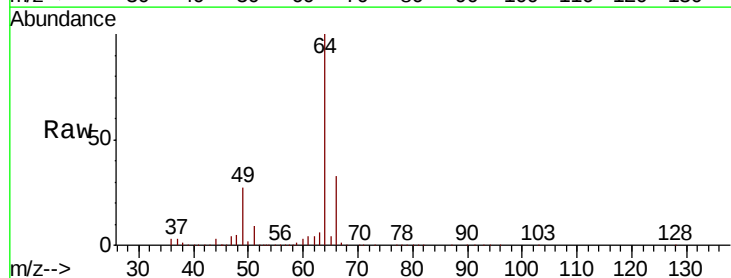
Acq: 09 Jul 2019 09:53

Tgt Ion: 64 Resp: 68438

Ion Ratio Lower Upper

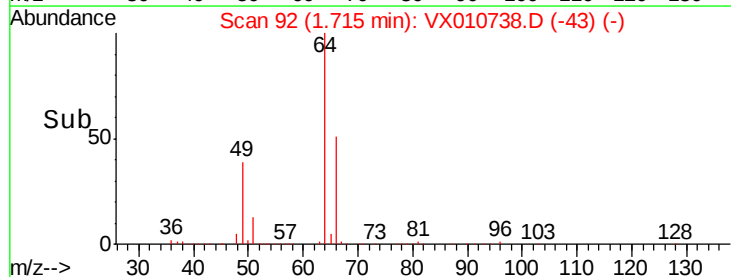
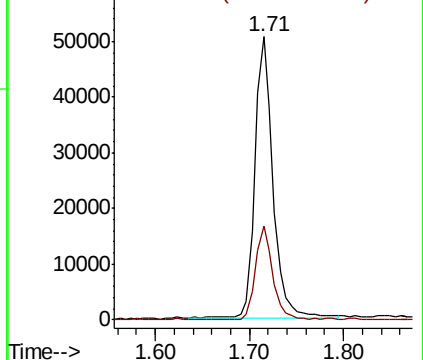
64 100

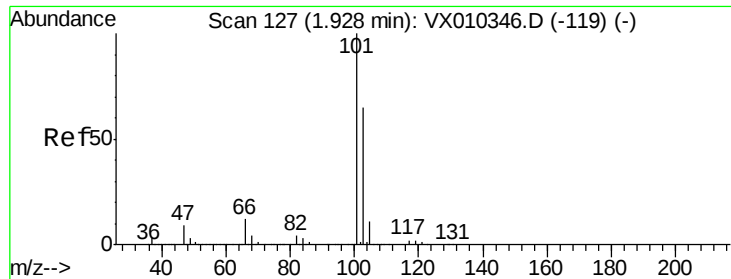
66 33.2 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



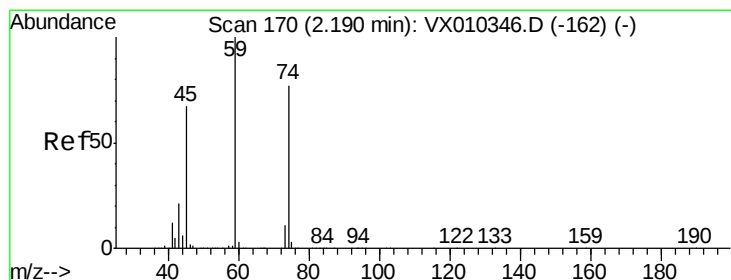
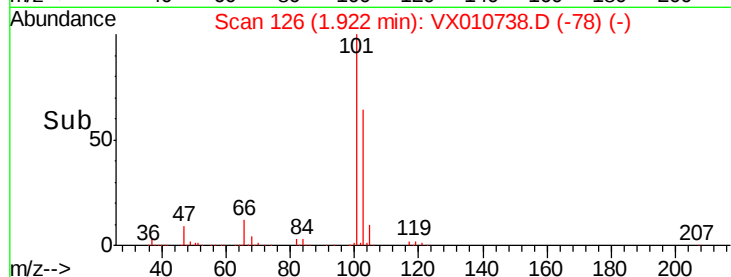
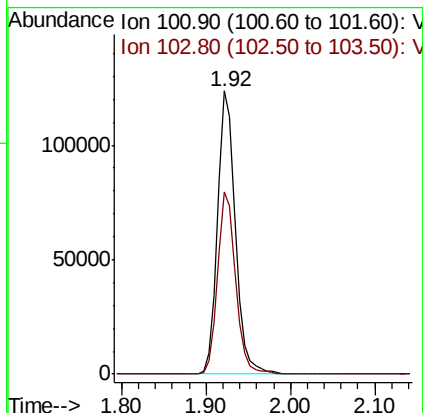
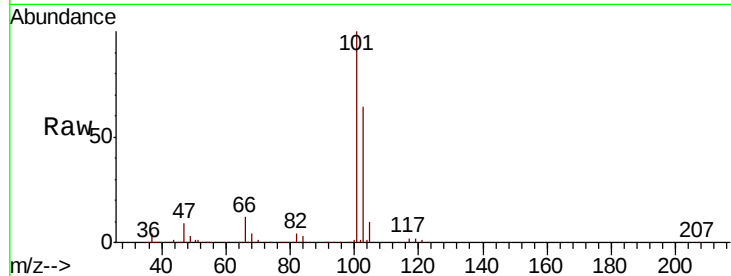


#7

Trichlorofluoromethane
 Concen: 56.956 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.01 min
 Lab File: VX010738.D
 Acq: 09 Jul 2019 09:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

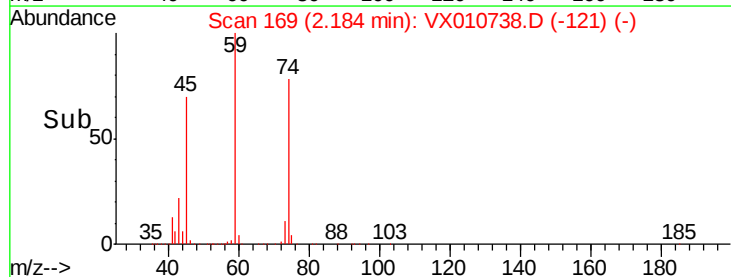
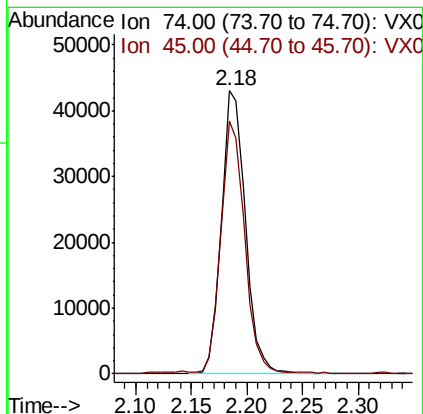
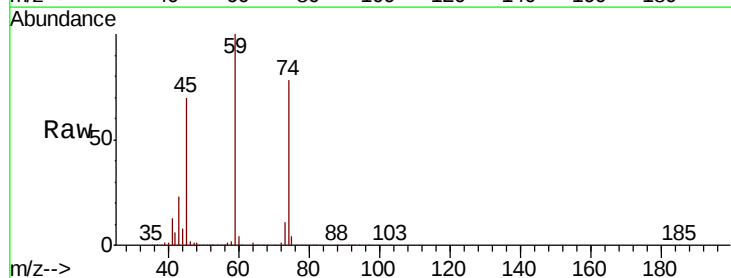
Tgt Ion:101 Resp: 182286
 Ion Ratio Lower Upper
 101 100
 103 64.4 52.3 78.5

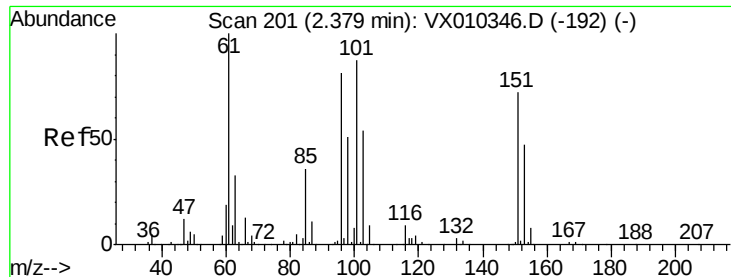


#8

Diethyl Ether
 Concen: 56.172 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. -0.01 min
 Lab File: VX010738.D
 Acq: 09 Jul 2019 09:53

Tgt Ion: 74 Resp: 64470
 Ion Ratio Lower Upper
 74 100
 45 90.6 44.8 134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 55.097 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX010738.D

Acq: 09 Jul 2019 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

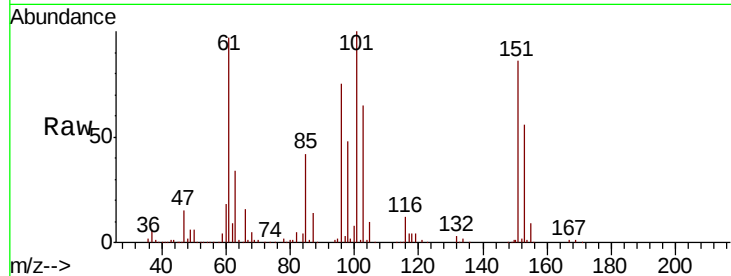
Tgt Ion:101 Resp: 106860

Ion Ratio Lower Upper

101 100

85 41.9 33.7 50.5

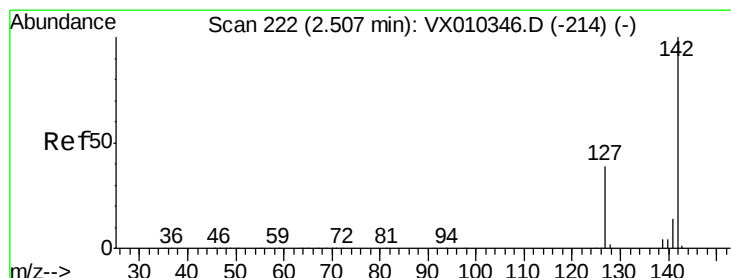
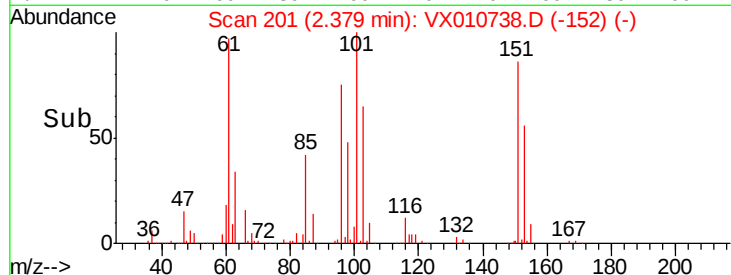
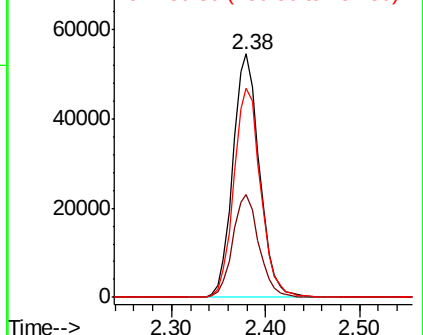
151 86.8 70.1 105.1



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: 44.399 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX010738.D

Acq: 09 Jul 2019 09:53

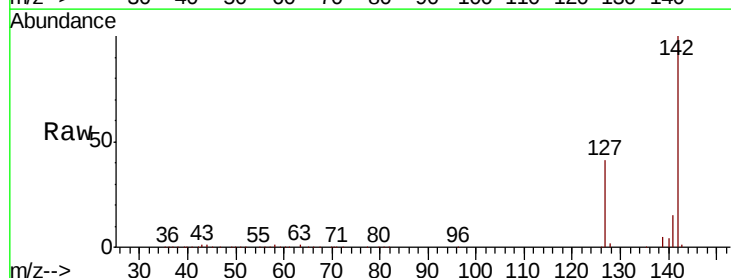
Tgt Ion:142 Resp: 122894

Ion Ratio Lower Upper

142 100

127 40.9 31.1 46.7

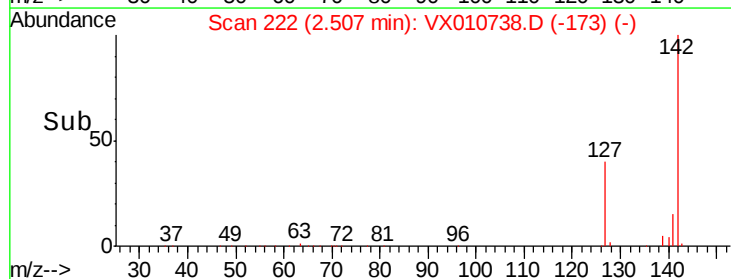
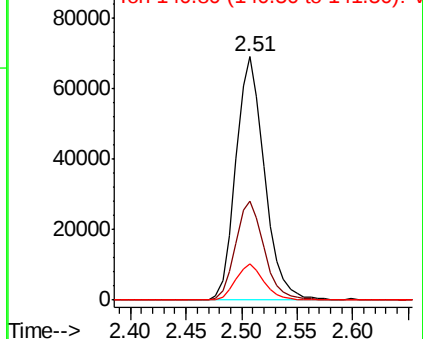
141 14.7 11.2 16.8

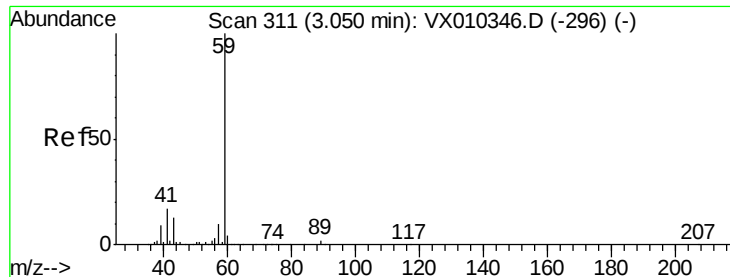


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

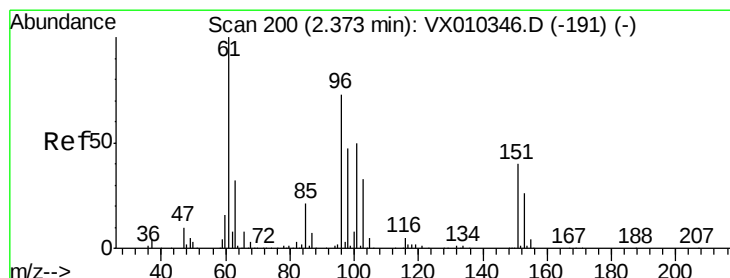
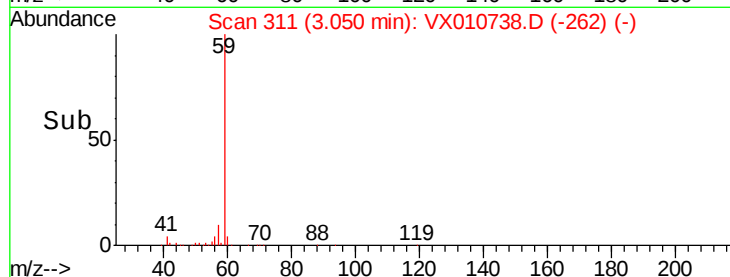
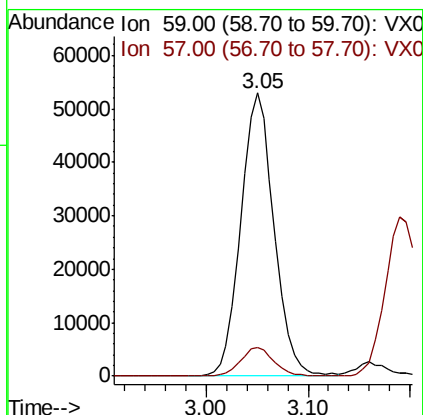
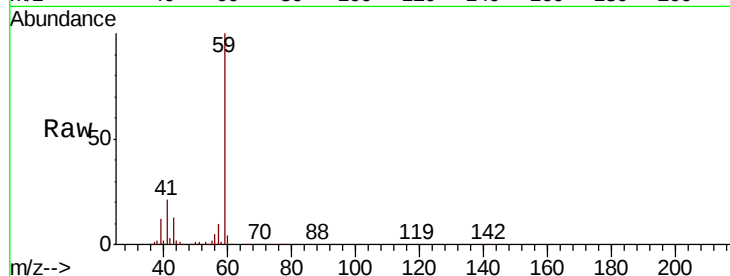




#11
Tert butyl alcohol
Concen: 213.439 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX010738.D
Acq: 09 Jul 2019 09:53

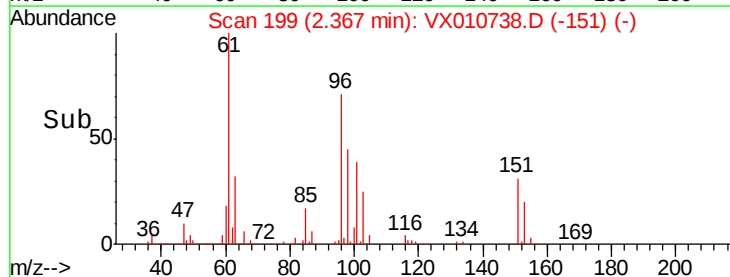
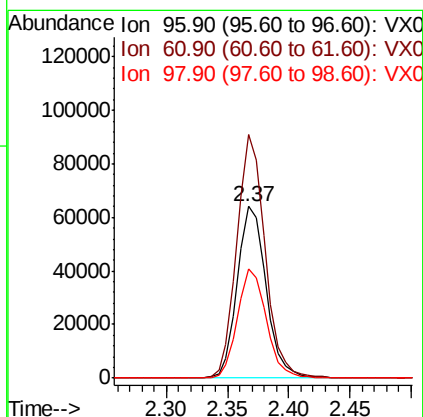
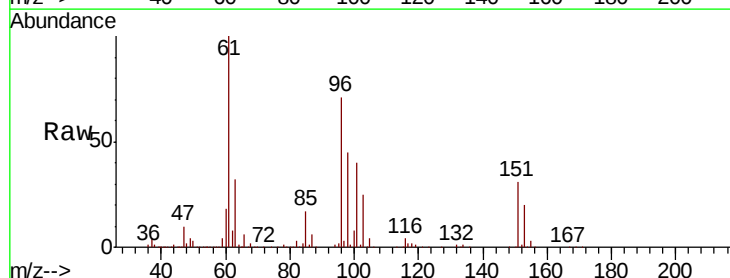
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

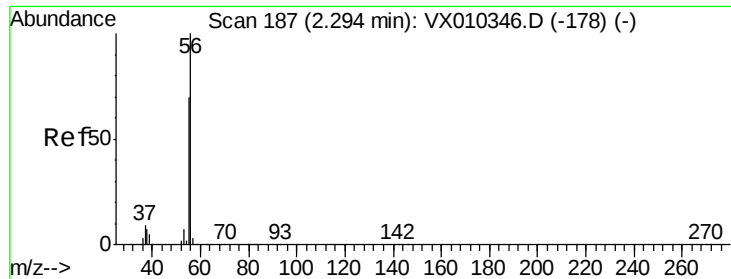
Tgt Ion: 59 Resp: 119229
Ion Ratio Lower Upper
59 100
57 10.3 7.7 11.5



#12
1,1-Dichloroethene
Concen: 53.346 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX010738.D
Acq: 09 Jul 2019 09:53

Tgt Ion: 96 Resp: 105282
Ion Ratio Lower Upper
96 100
61 141.8 109.2 163.8
98 63.4 51.1 76.7





#13

Acrolein

Concen: 238.117 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010738.D

Acq: 09 Jul 2019 09:53

Instrument :

MSVOA_X

ClientSampleId :

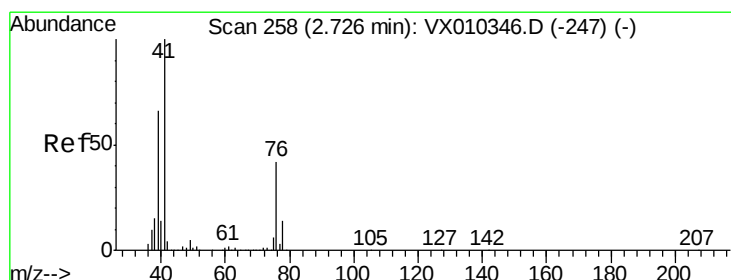
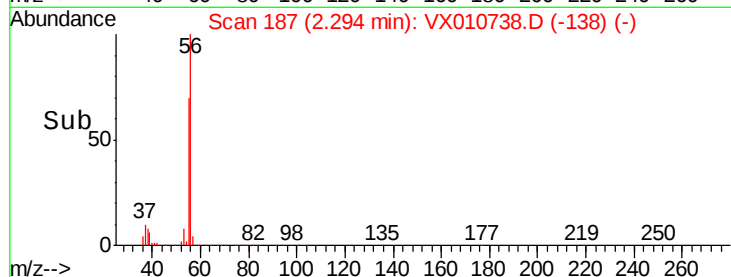
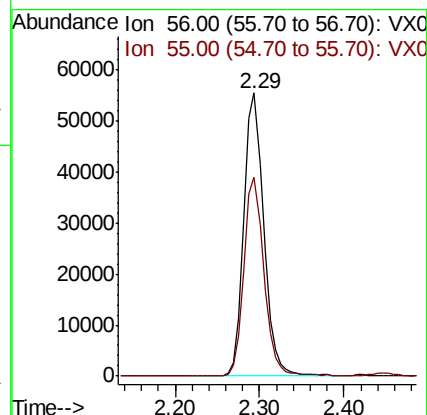
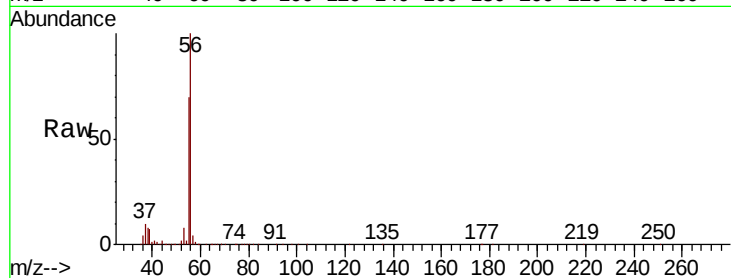
VSTDCCC050

Tgt Ion: 56 Resp: 88238

Ion Ratio Lower Upper

56 100

55 70.0 56.9 85.3



#14

Allyl chloride

Concen: 53.730 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.01 min

Lab File: VX010738.D

Acq: 09 Jul 2019 09:53

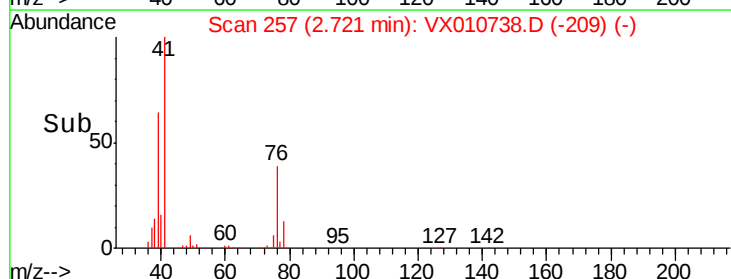
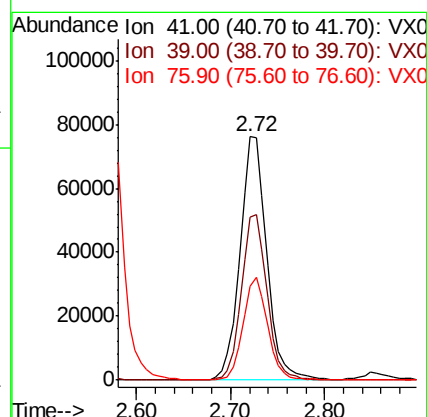
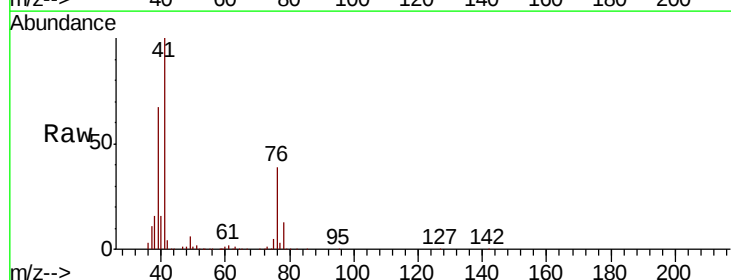
Tgt Ion: 41 Resp: 150544

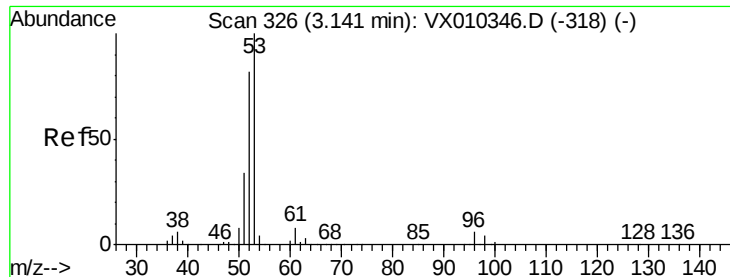
Ion Ratio Lower Upper

41 100

39 65.0 50.3 75.5

76 39.0 31.3 46.9





#15

Acrylonitrile

Concen: 259.196 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010738.D

Acq: 09 Jul 2019 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

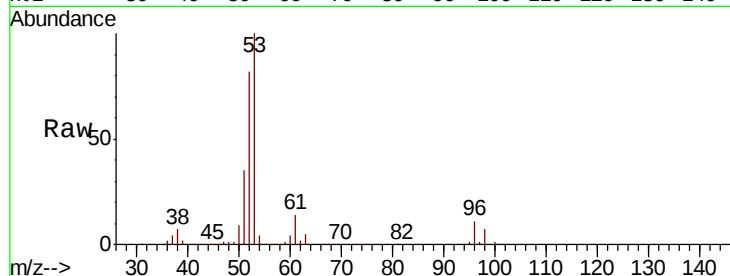
Tgt Ion: 53 Resp: 286666

Ion Ratio Lower Upper

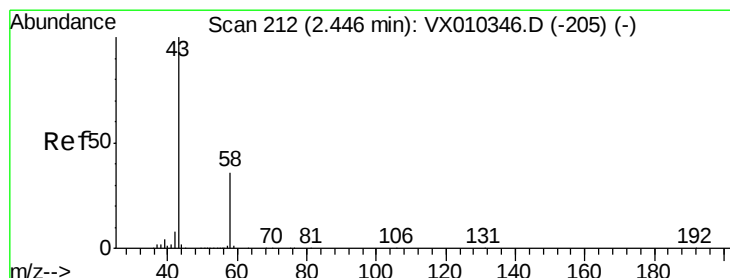
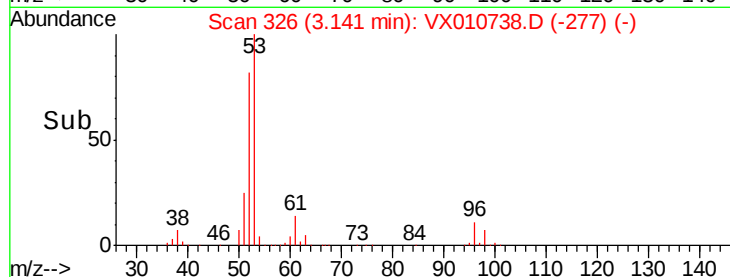
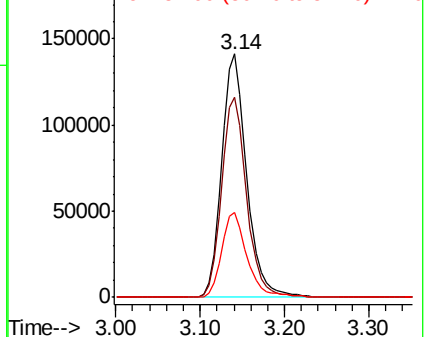
53 100

52 82.8 65.5 98.3

51 35.4 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: 287.886 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010738.D

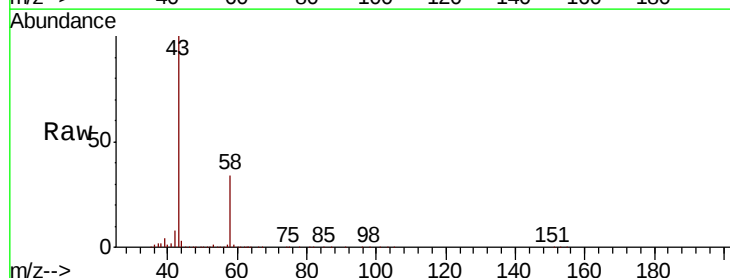
Acq: 09 Jul 2019 09:53

Tgt Ion: 43 Resp: 308008

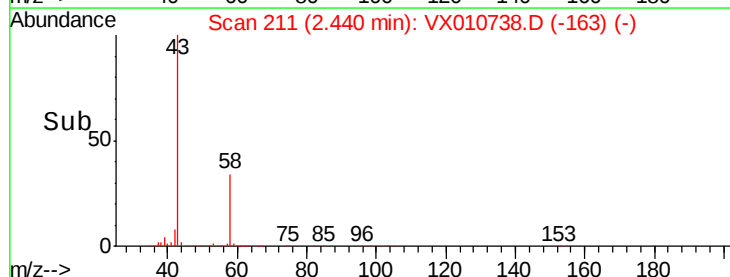
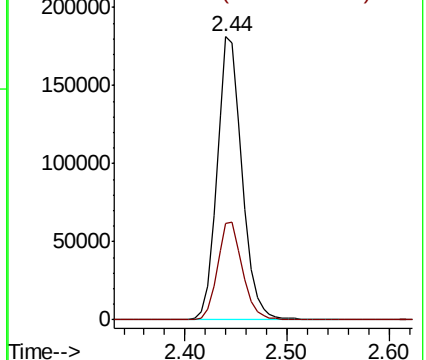
Ion Ratio Lower Upper

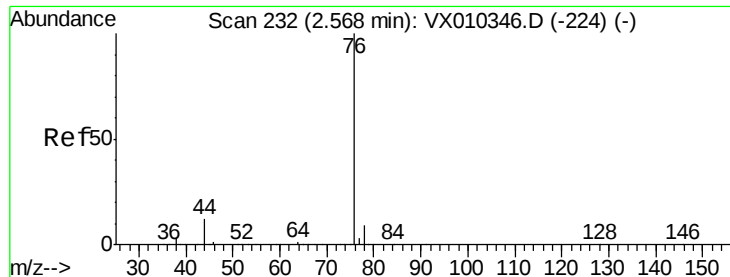
43 100

58 33.9 28.9 43.3



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

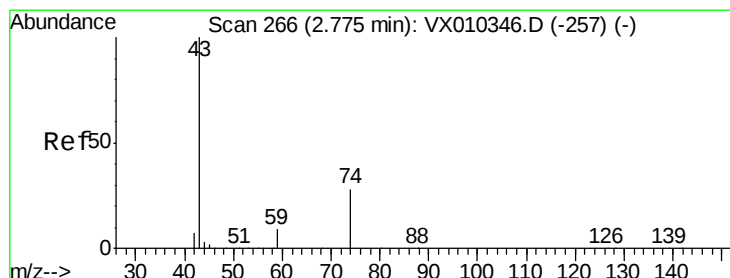
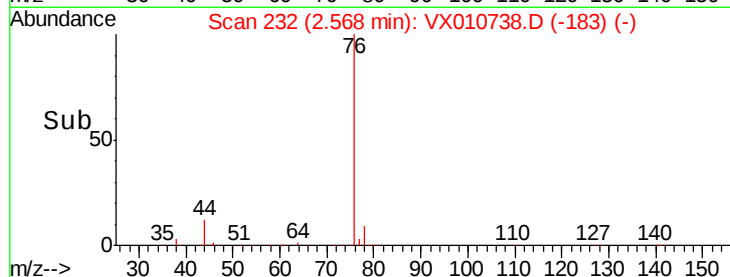
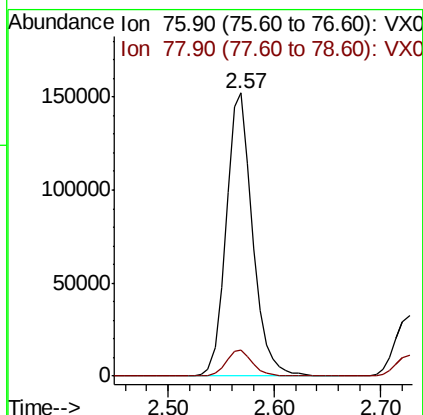
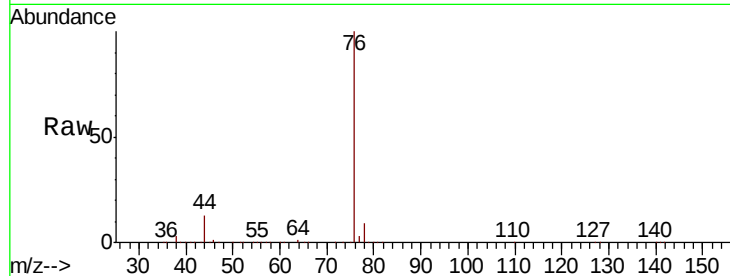




#17
Carbon Disulfide
Concen: 49.824 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010738.D
Acq: 09 Jul 2019 09:53

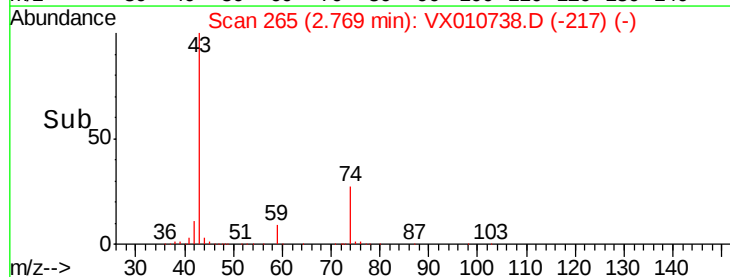
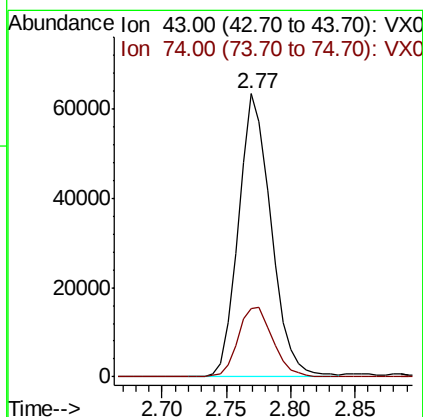
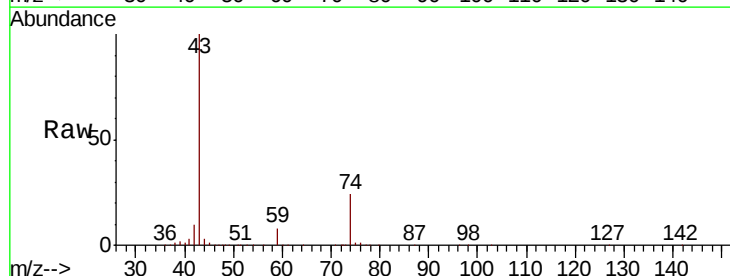
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

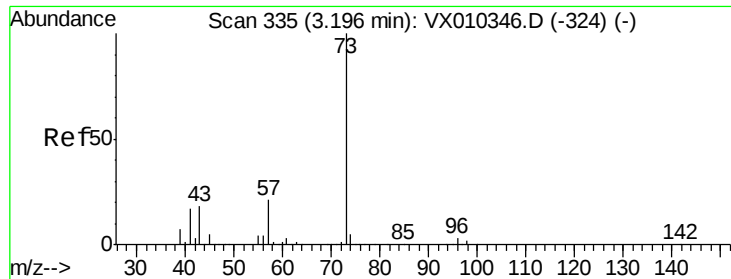
Tgt Ion: 76 Resp: 263804
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9



#18
Methyl Acetate
Concen: 51.849 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX010738.D
Acq: 09 Jul 2019 09:53

Tgt Ion: 43 Resp: 110562
Ion Ratio Lower Upper
43 100
74 26.8 21.3 31.9

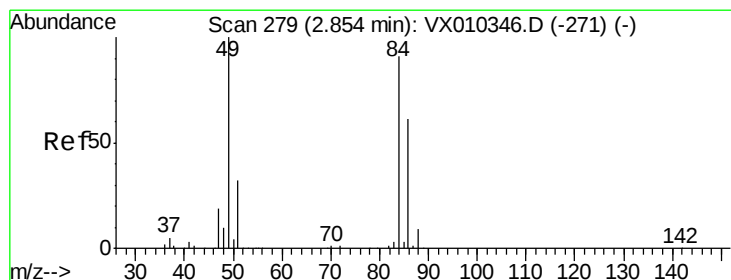
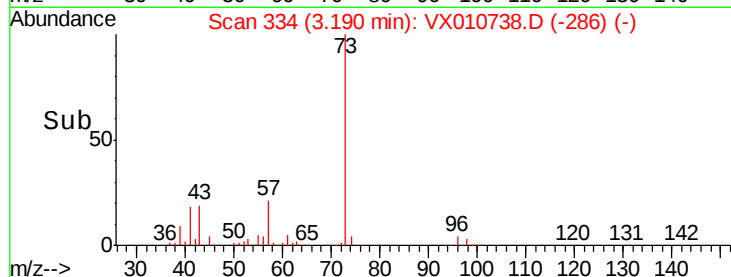
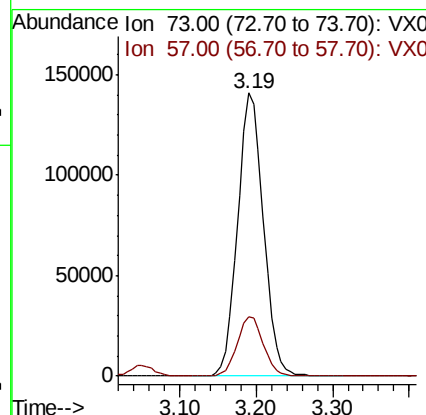
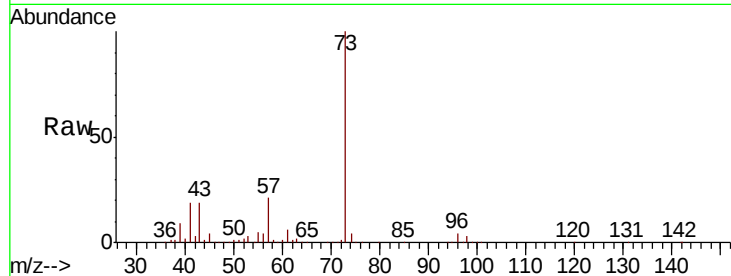




#19
Methyl tert-butyl Ether
Concen: 52.903 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX010738.D
Acq: 09 Jul 2019 09:53

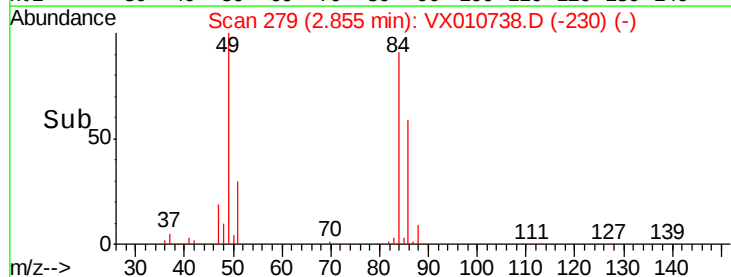
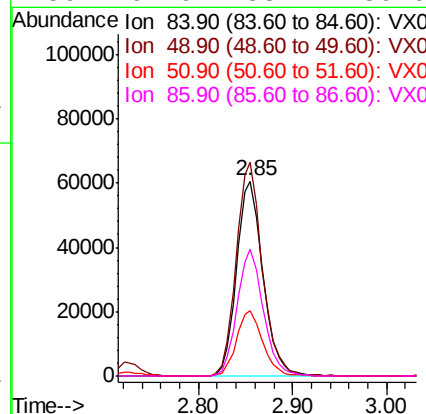
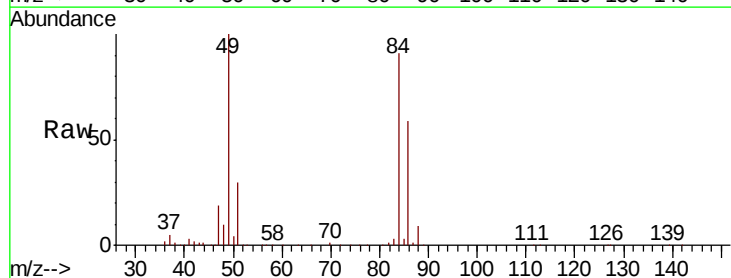
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

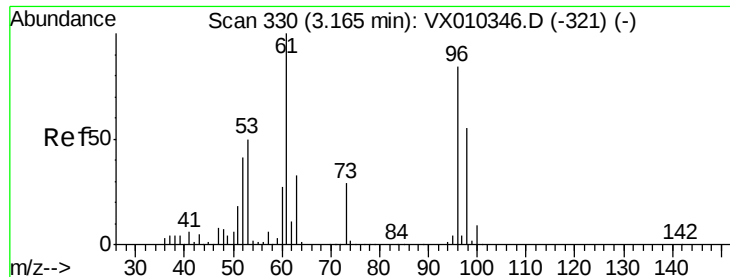
Tgt Ion: 73 Resp: 328457
Ion Ratio Lower Upper
73 100
57 21.1 16.4 24.6



#20
Methylene Chloride
Concen: 53.316 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010738.D
Acq: 09 Jul 2019 09:53

Tgt Ion: 84 Resp: 117391
Ion Ratio Lower Upper
84 100
49 109.6 87.5 131.3
51 33.1 27.7 41.5
86 64.9 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 52.708 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX010738.D

Acq: 09 Jul 2019 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

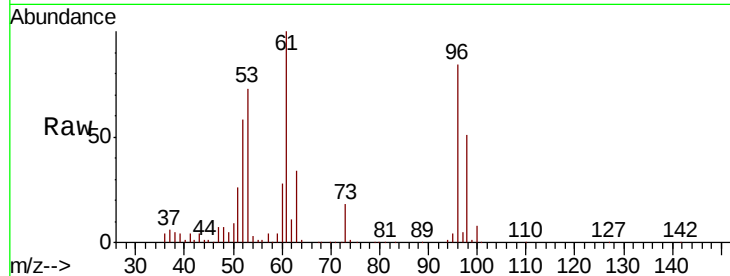
Tgt Ion: 96 Resp: 111876

Ion Ratio Lower Upper

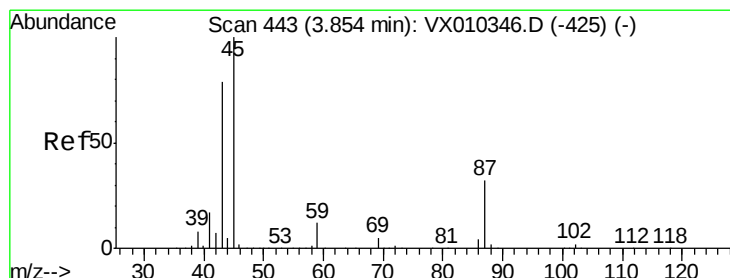
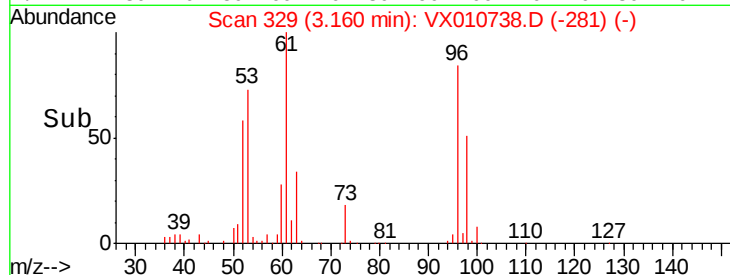
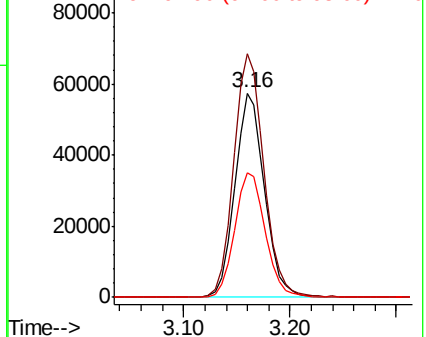
96 100

61 119.3 95.6 143.4

98 61.0 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: 53.472 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX010738.D

Acq: 09 Jul 2019 09:53

Tgt Ion: 45 Resp: 313243

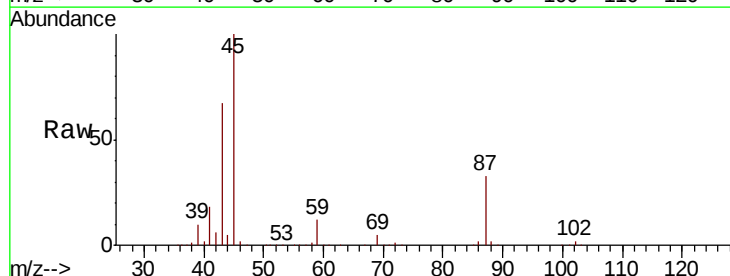
Ion Ratio Lower Upper

45 100

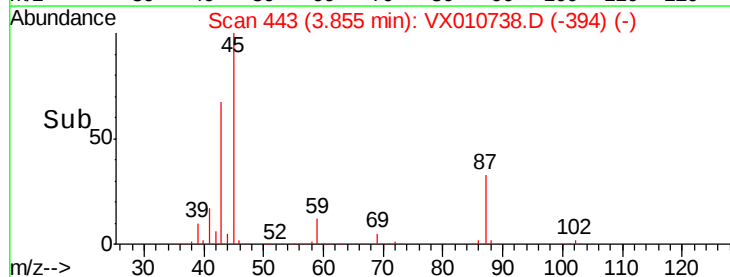
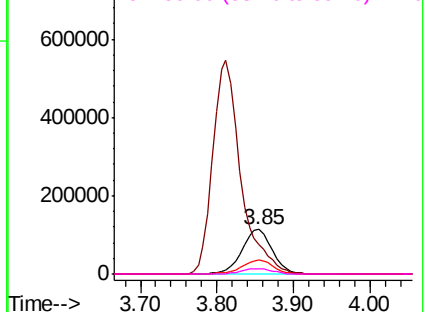
43 66.6 63.3 94.9

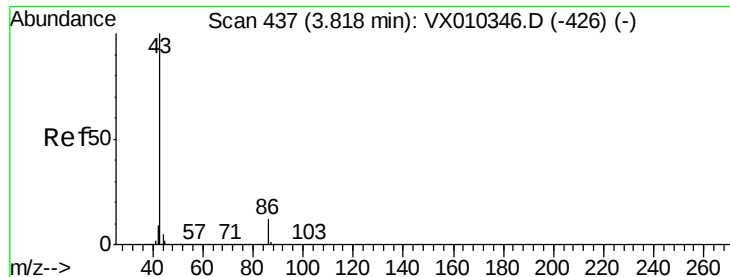
87 32.6 25.8 38.8

59 11.9 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: 275.278 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010738.D

Acq: 09 Jul 2019 09:53

Instrument :

MSVOA_X

ClientSampleId :

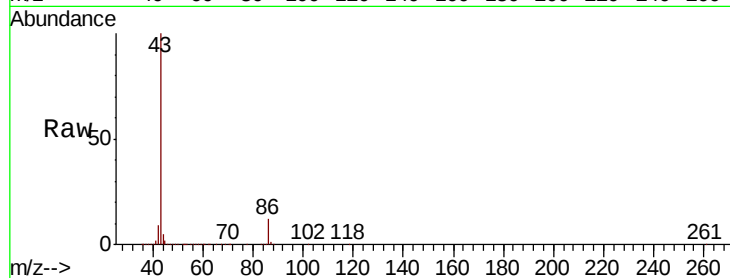
VSTDCCC050

Tgt Ion: 43 Resp: 1393115

Ion Ratio Lower Upper

43 100

86 11.6 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.81

600000

500000

400000

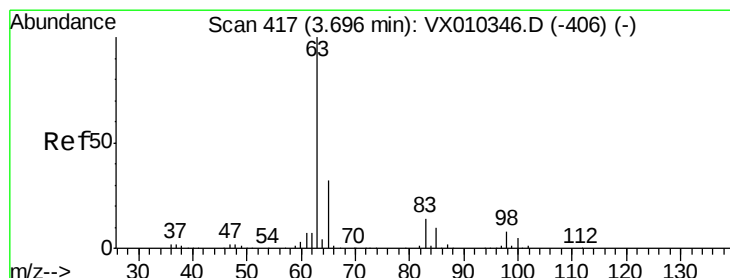
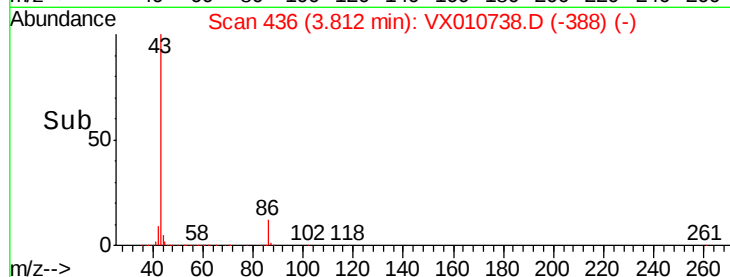
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 53.157 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010738.D

Acq: 09 Jul 2019 09:53

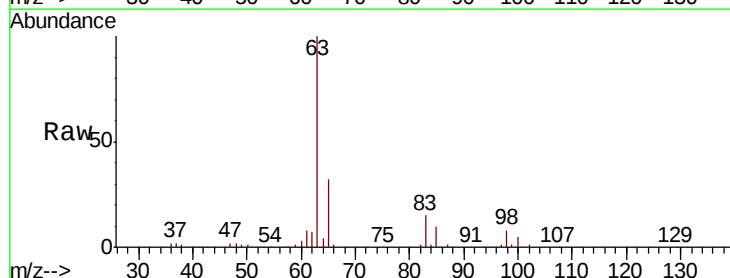
Tgt Ion: 63 Resp: 179998

Ion Ratio Lower Upper

63 100

98 7.6 3.9 11.7

100 5.3 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

100000

80000

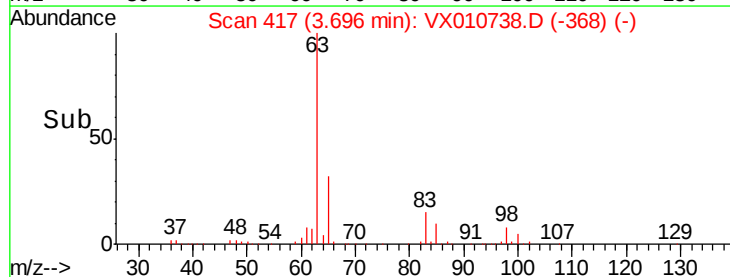
60000

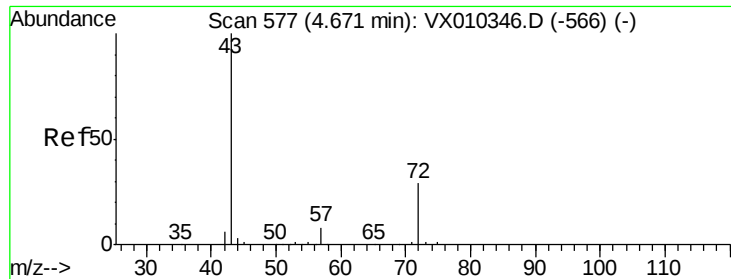
40000

20000

0

Time-->





#25

2-Butanone

Concen: 267.974 ug/l

RT: 4.67 min Scan# 576

Delta R.T. -0.01 min

Lab File: VX010738.D

Acq: 09 Jul 2019 09:53

Instrument :

MSVOA_X

ClientSampleId :

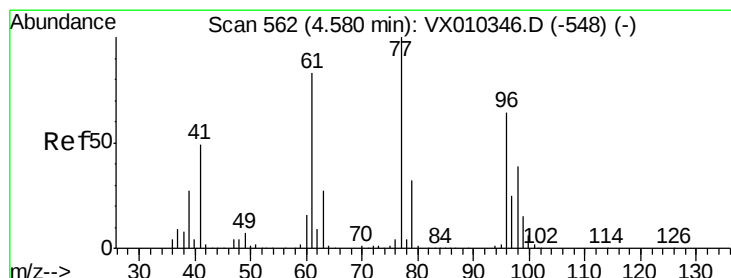
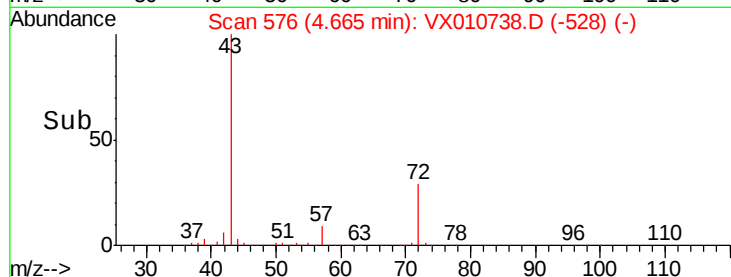
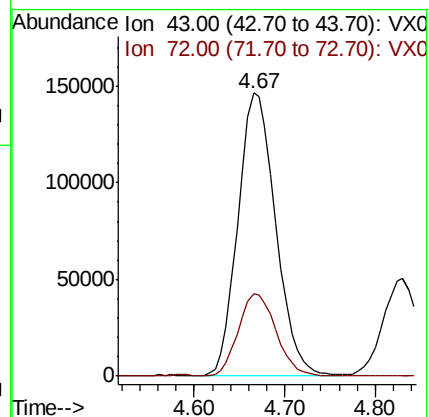
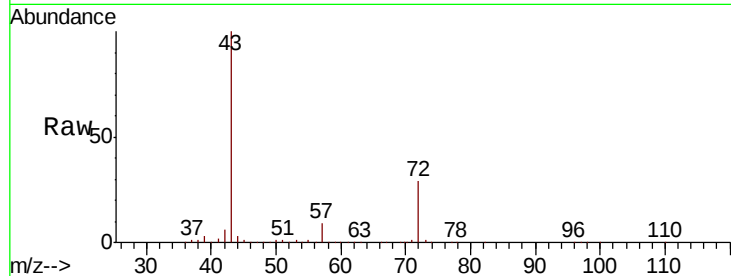
VSTDCCC050

Tgt Ion: 43 Resp: 420560

Ion Ratio Lower Upper

43 100

72 29.1 23.3 34.9



#26

2,2-Dichloropropane

Concen: 51.879 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX010738.D

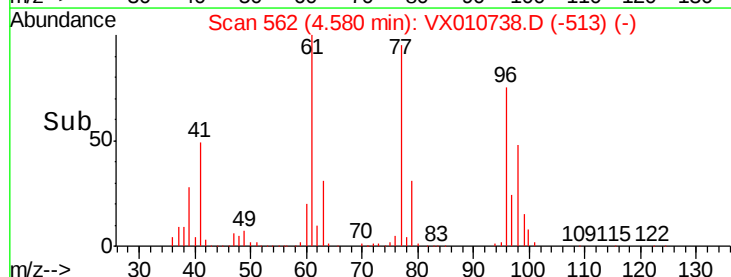
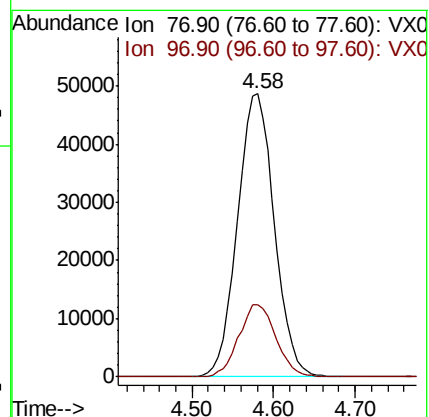
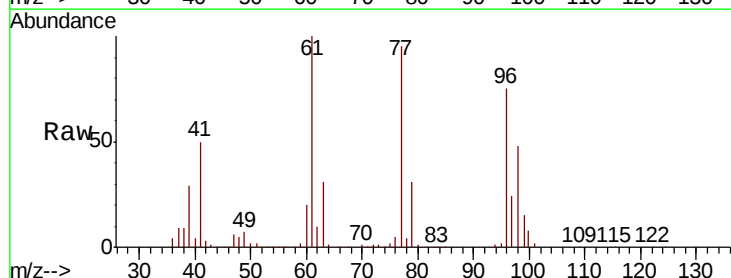
Acq: 09 Jul 2019 09:53

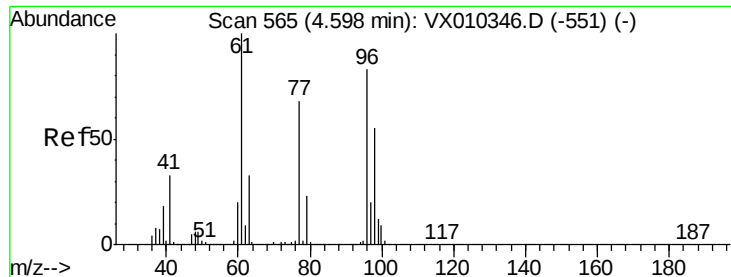
Tgt Ion: 77 Resp: 152604

Ion Ratio Lower Upper

77 100

97 25.7 13.1 39.3



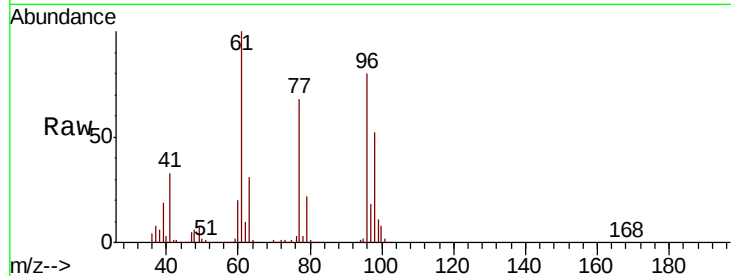


#27

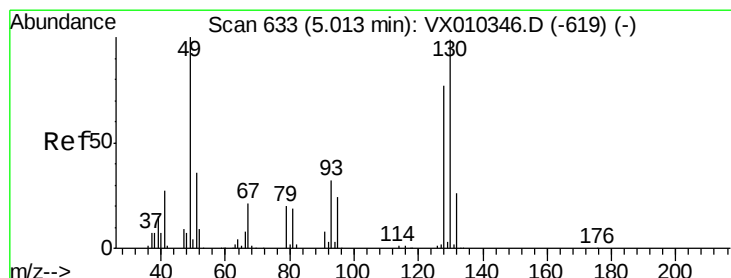
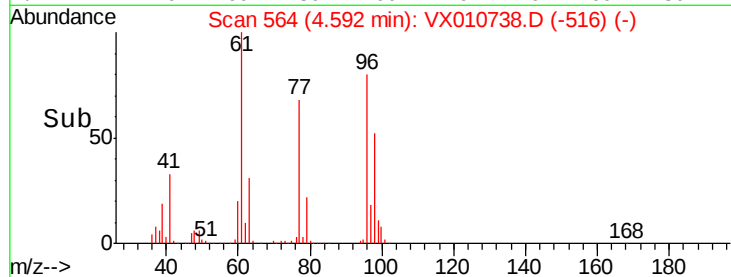
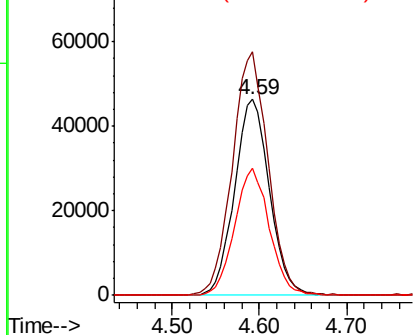
cis-1,2-Dichloroethene
 Concen: 52.384 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX010738.D
 Acq: 09 Jul 2019 09:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
96	100		
61	127.7	0.0	251.8
98	64.5	0.0	129.4



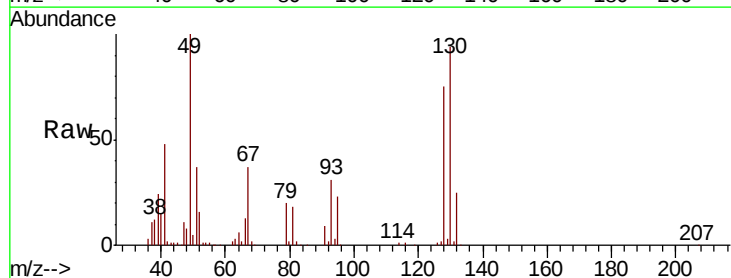
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



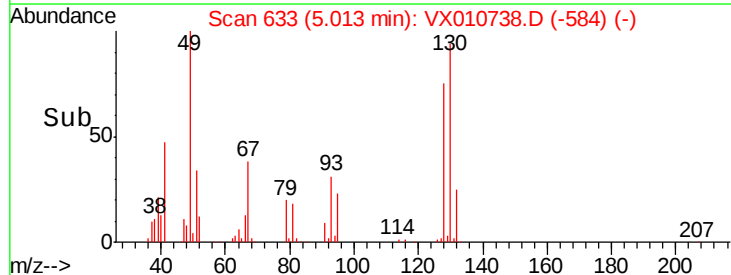
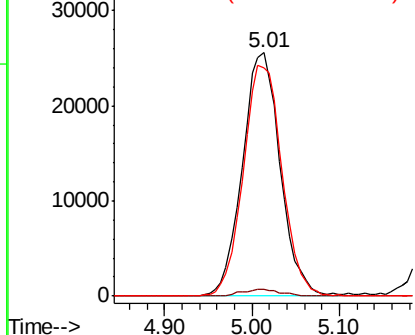
#28

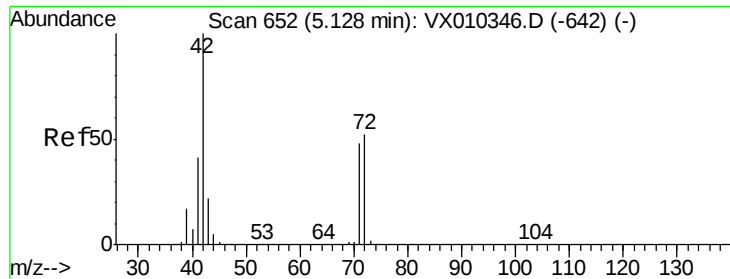
Bromochloromethane
 Concen: 47.256 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VX010738.D
 Acq: 09 Jul 2019 09:53

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	5.6
130	97.9	81.4	122.0



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

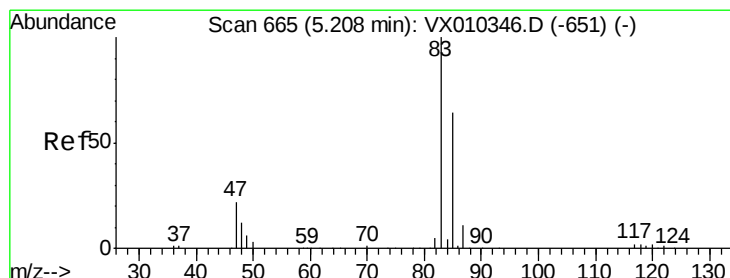
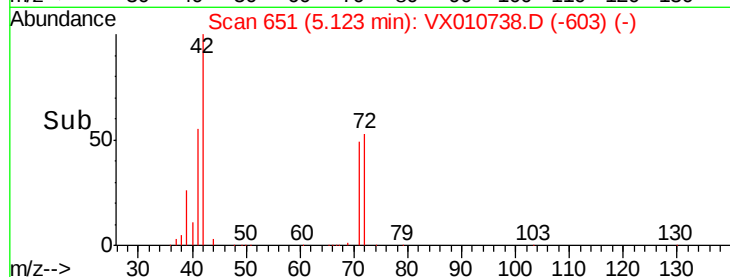
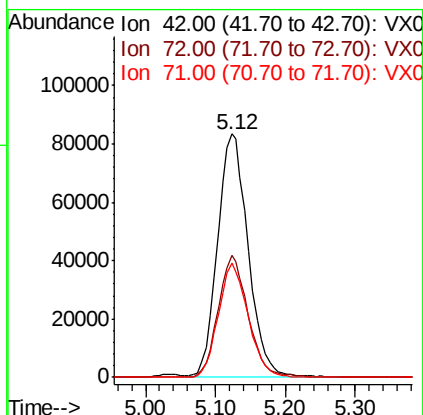
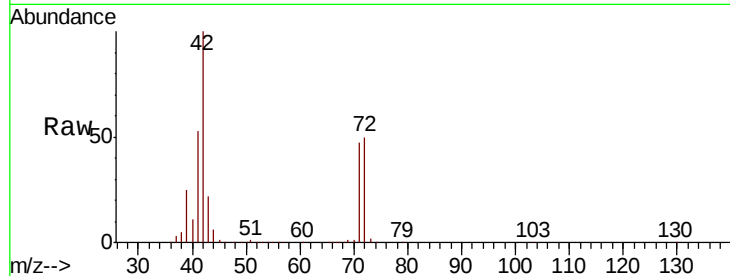




#29
Tetrahydrofuran
Concen: 258.667 ug/l
RT: 5.12 min Scan# 651
Delta R.T. -0.01 min
Lab File: VX010738.D
Acq: 09 Jul 2019 09:53

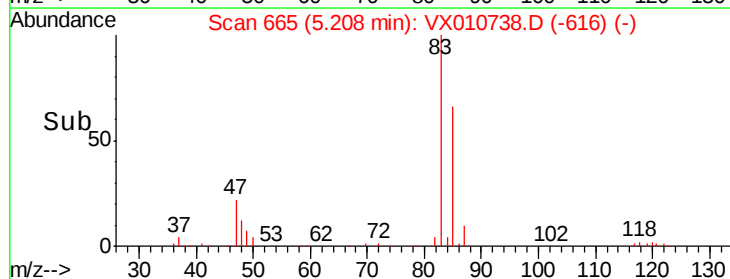
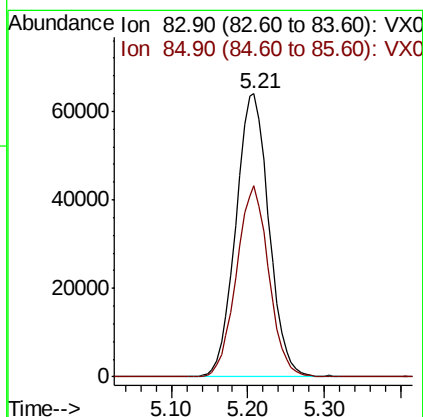
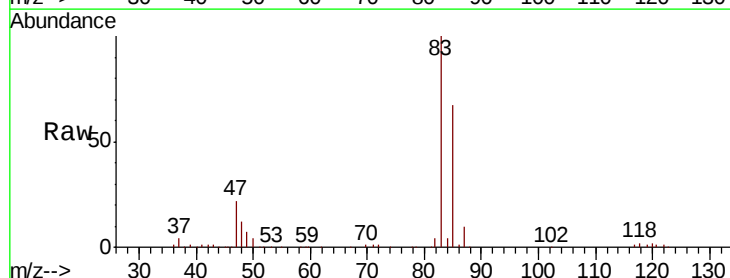
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

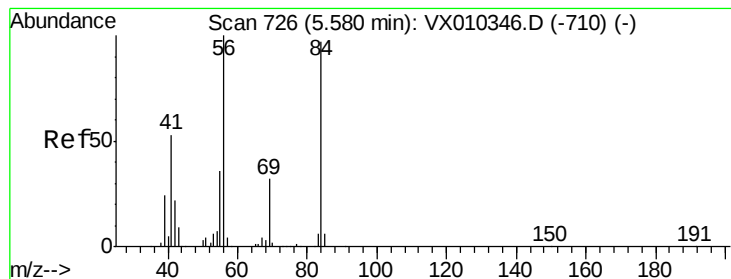
Tgt Ion: 42 Resp: 251450
Ion Ratio Lower Upper
42 100
72 49.6 40.6 60.8
71 46.1 37.8 56.8



#30
Chloroform
Concen: 52.716 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX010738.D
Acq: 09 Jul 2019 09:53

Tgt Ion: 83 Resp: 192061
Ion Ratio Lower Upper
83 100
85 67.4 50.9 76.3





#31

Cyclohexane

Concen: 54.200 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX010738.D

Acq: 09 Jul 2019 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

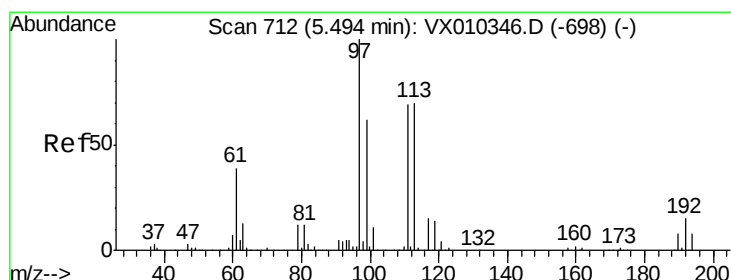
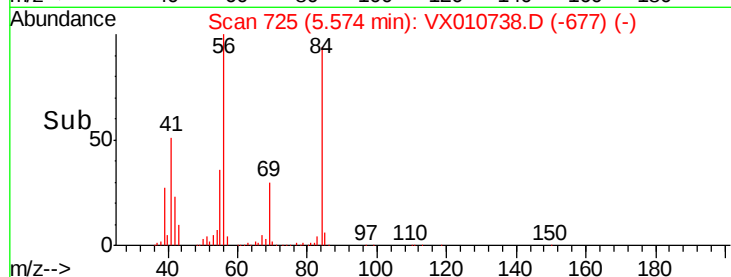
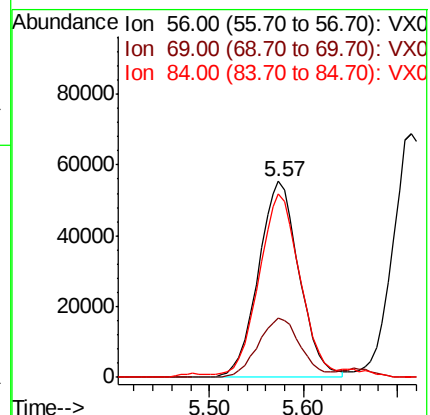
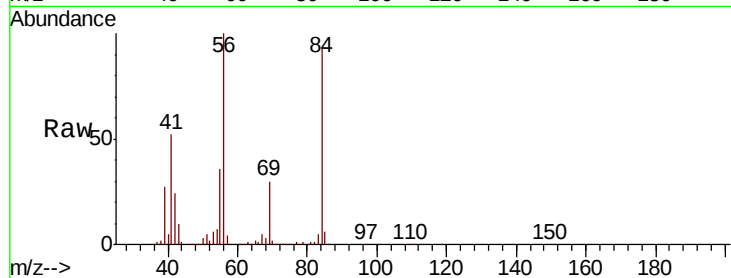
Tgt Ion: 56 Resp: 167132

Ion Ratio Lower Upper

56 100

69 30.2 25.9 38.9

84 91.7 78.0 117.0



#32

1,1,1-Trichloroethane

Concen: 52.548 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX010738.D

Acq: 09 Jul 2019 09:53

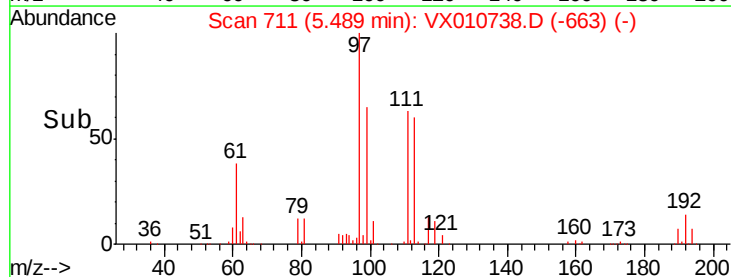
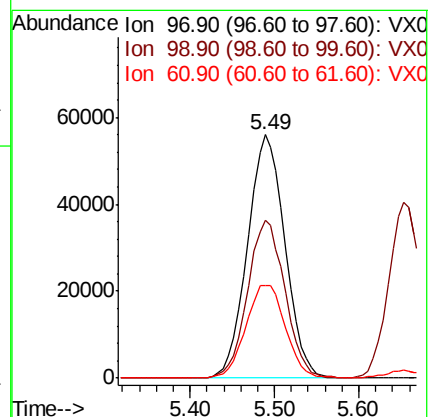
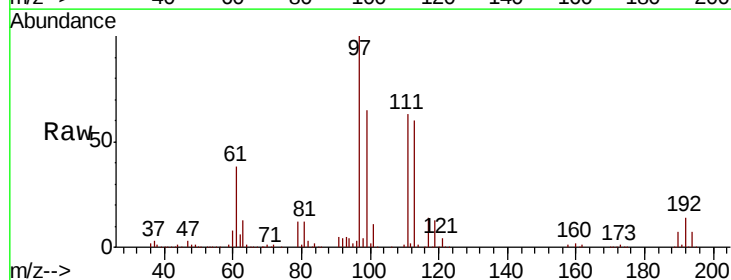
Tgt Ion: 97 Resp: 169050

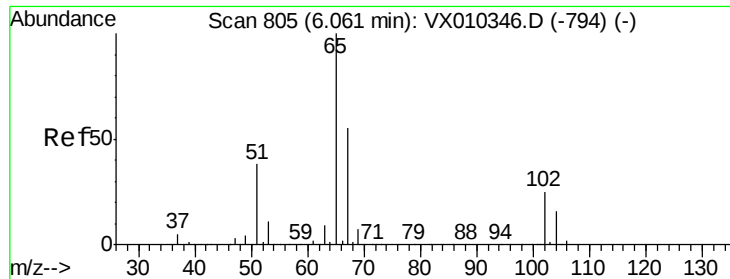
Ion Ratio Lower Upper

97 100

99 64.7 51.8 77.8

61 40.5 32.1 48.1





#33

1,2-Dichloroethane-d4

Concen: 48.732 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX010738.D

Acq: 09 Jul 2019 09:53

Instrument :

MSVOA_X

ClientSampleId :

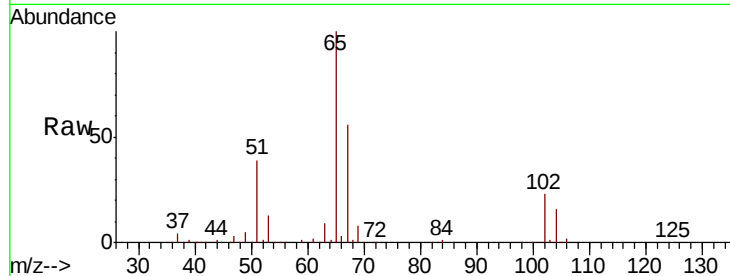
VSTDCCC050

Tgt Ion: 65 Resp: 104034

Ion Ratio Lower Upper

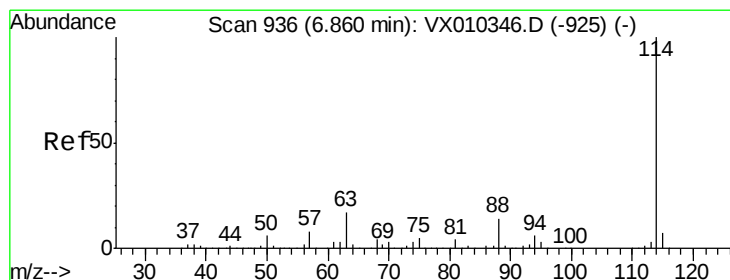
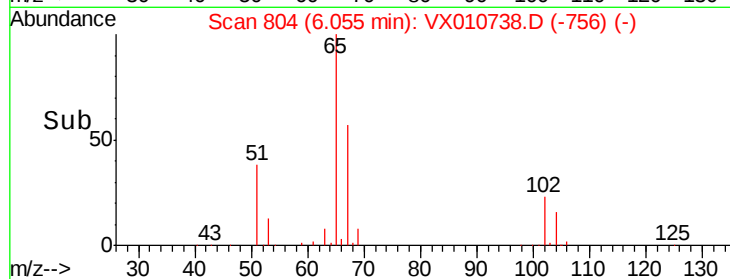
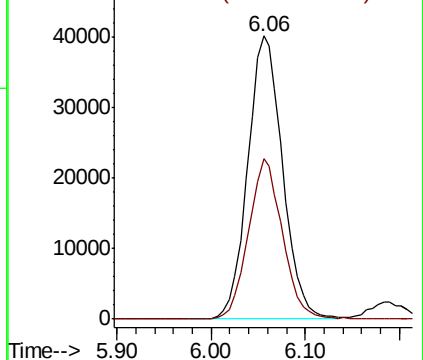
65 100

67 55.4 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX010738.D

Acq: 09 Jul 2019 09:53

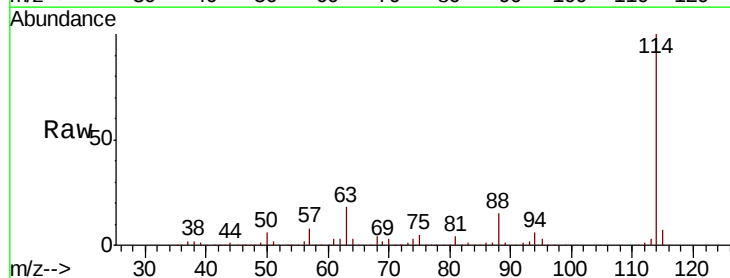
Tgt Ion: 114 Resp: 338161

Ion Ratio Lower Upper

114 100

63 17.8 0.0 33.8

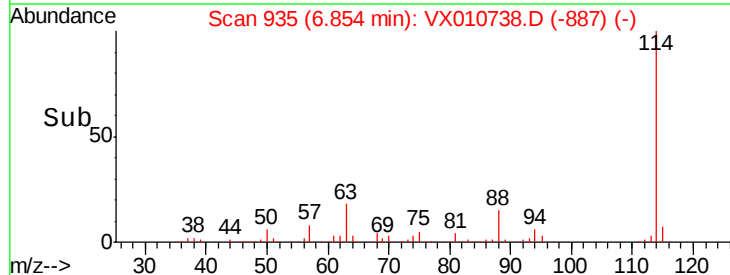
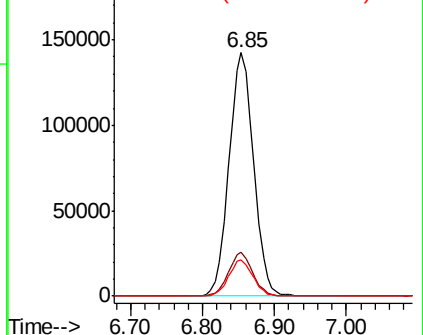
88 14.9 0.0 27.6

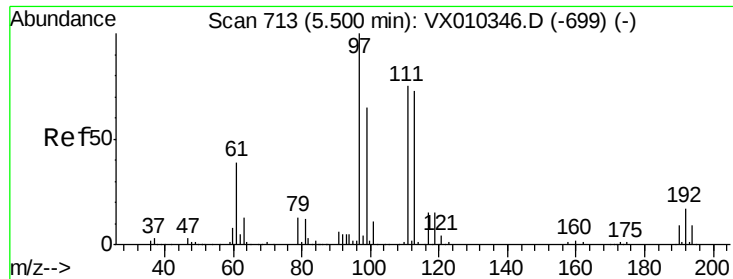


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

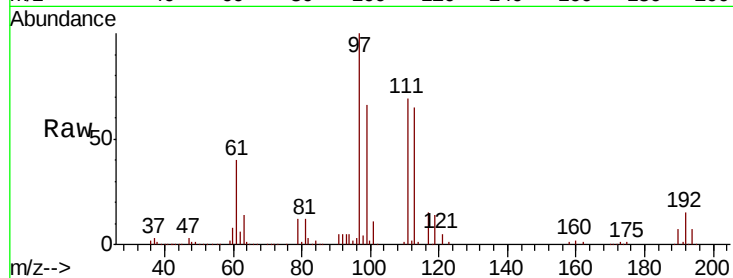




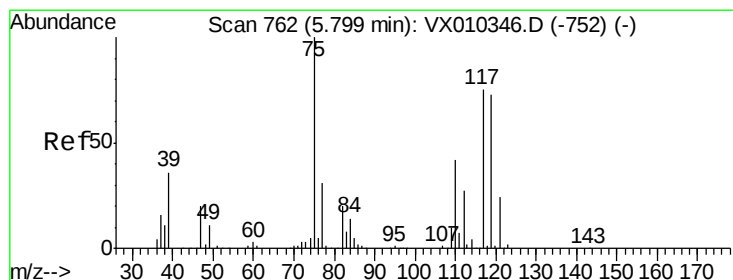
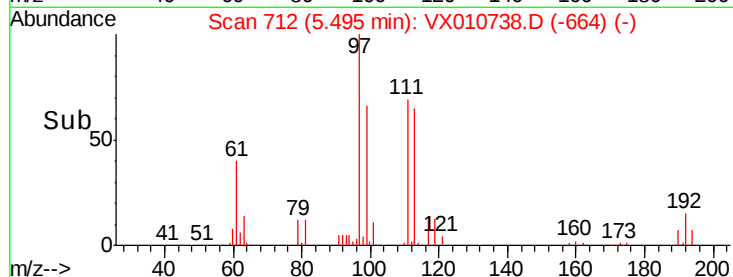
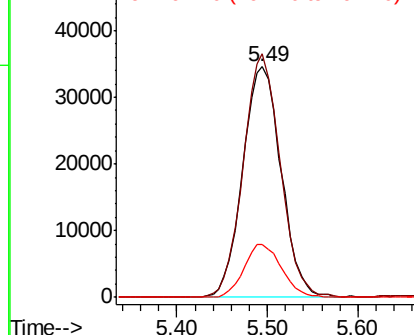
#35
Dibromofluoromethane
Concen: 49.051 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX010738.D
Acq: 09 Jul 2019 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 113 Resp: 101487
Ion Ratio Lower Upper
113 100
111 101.7 81.2 121.8
192 22.4 18.6 27.8

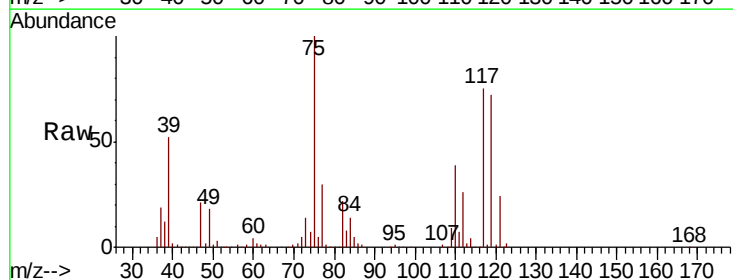


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

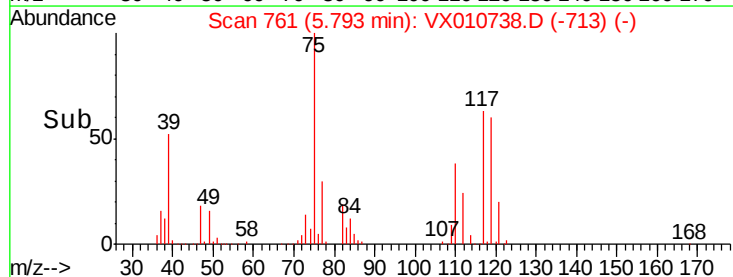
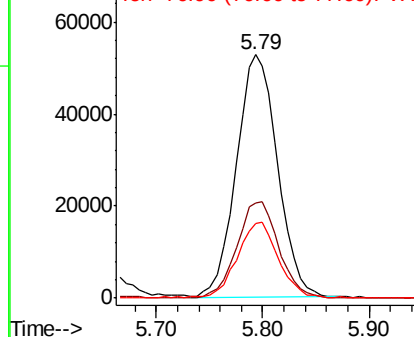


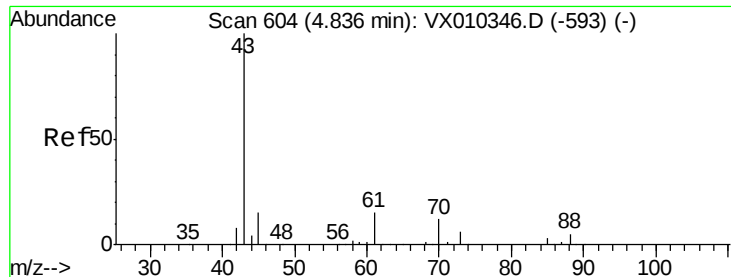
#36
1,1-Dichloropropene
Concen: 53.142 ug/l
RT: 5.79 min Scan# 761
Delta R.T. -0.01 min
Lab File: VX010738.D
Acq: 09 Jul 2019 09:53

Tgt Ion: 75 Resp: 142803
Ion Ratio Lower Upper
75 100
110 40.6 20.8 62.2
77 31.5 25.4 38.0



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





#37

Ethyl Acetate

Concen: 52.402 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX010738.D

Acq: 09 Jul 2019 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

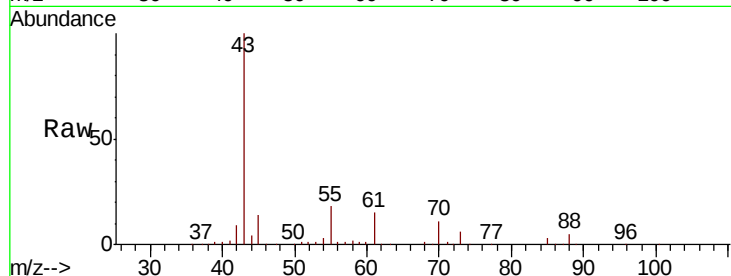
Tgt Ion: 43 Resp: 144865

Ion Ratio Lower Upper

43 100

61 15.1 12.4 18.6

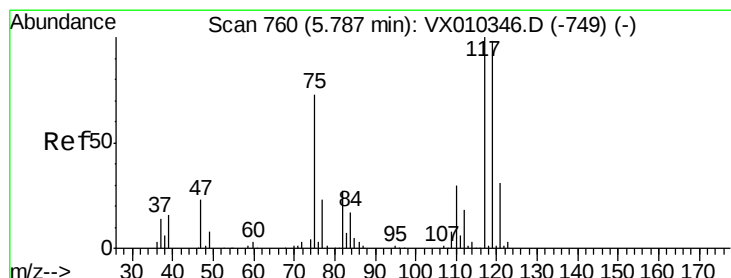
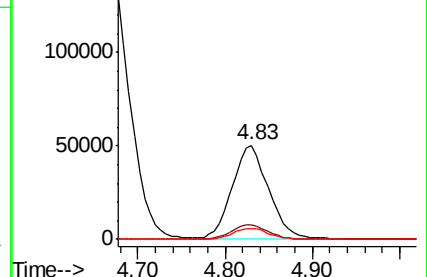
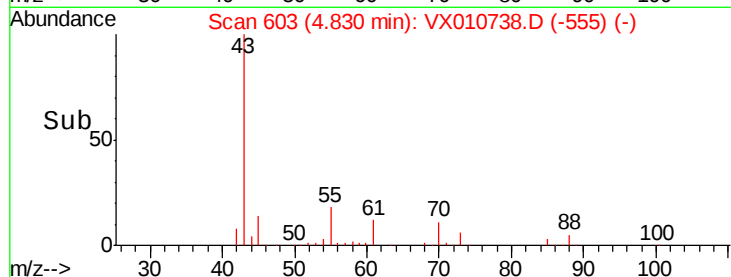
70 11.8 9.8 14.8



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: 52.049 ug/l

RT: 5.78 min Scan# 758

Delta R.T. -0.01 min

Lab File: VX010738.D

Acq: 09 Jul 2019 09:53

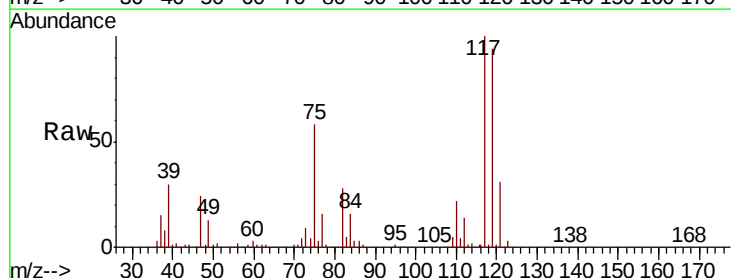
Tgt Ion: 117 Resp: 151457

Ion Ratio Lower Upper

117 100

119 93.8 78.2 117.4

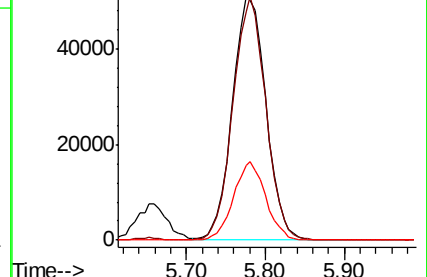
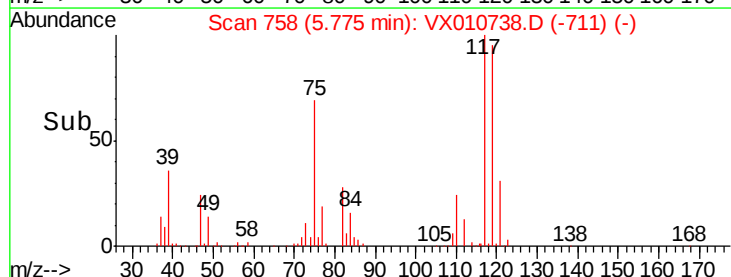
121 30.8 24.7 37.1

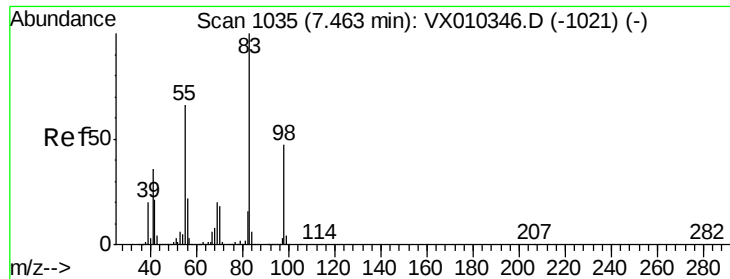


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

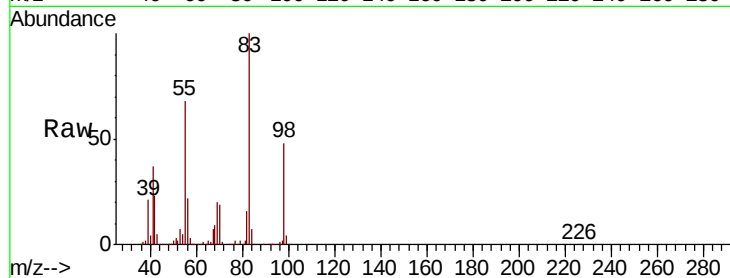




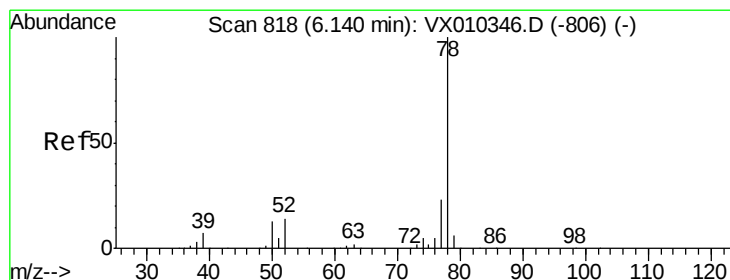
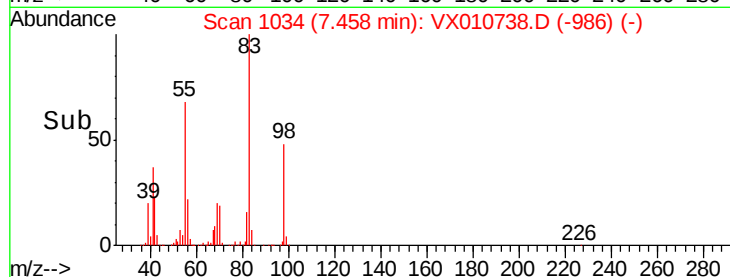
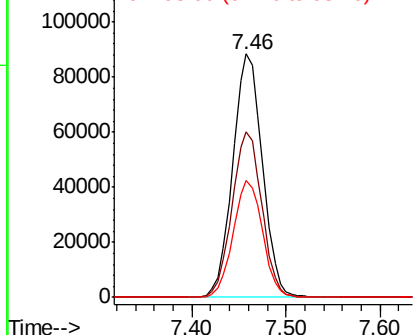
#39
Methylcyclohexane
Concen: 54.624 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX010738.D
Acq: 09 Jul 2019 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 192947
Ion Ratio Lower Upper
83 100
55 67.7 53.0 79.6
98 47.8 37.8 56.8

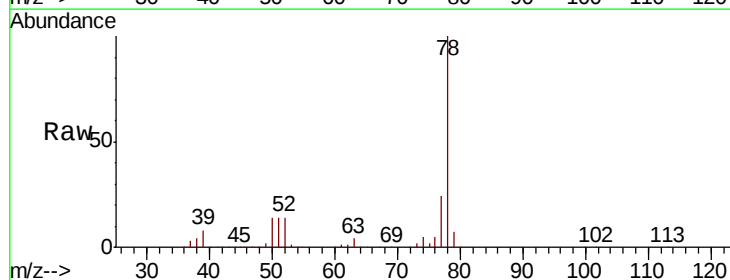


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

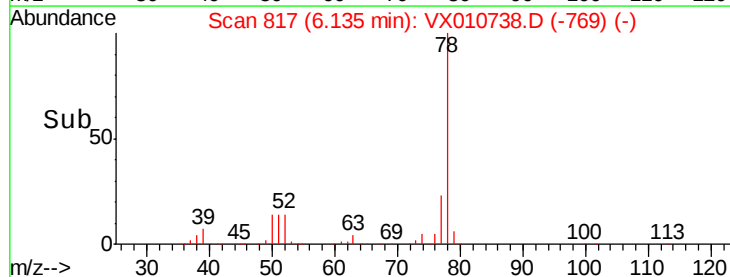
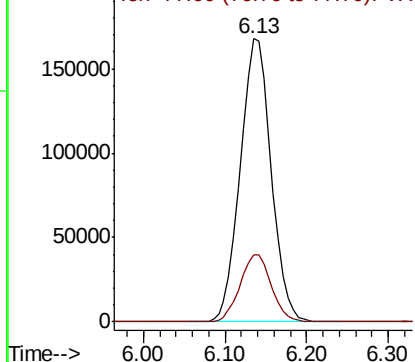


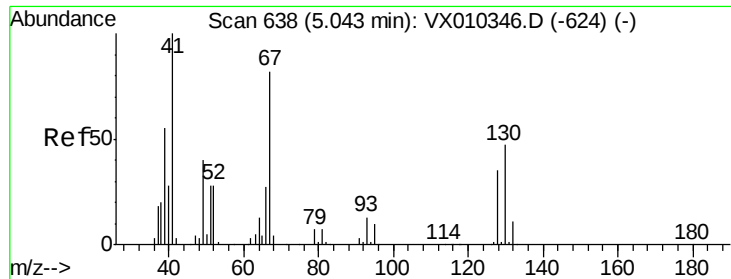
#40
Benzene
Concen: 52.830 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX010738.D
Acq: 09 Jul 2019 09:53

Tgt Ion: 78 Resp: 442293
Ion Ratio Lower Upper
78 100
77 23.8 18.6 28.0



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





#41

Methacrylonitrile

Concen: 54.227 ug/l

RT: 5.04 min Scan# 637

Delta R.T. -0.01 min

Lab File: VX010738.D

Acq: 09 Jul 2019 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 41 Resp: 82253

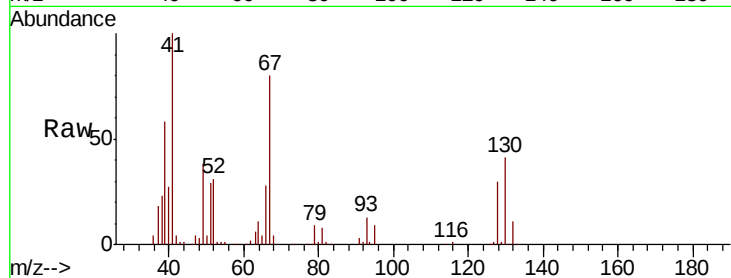
Ion Ratio Lower Upper

41 100

39 52.6 43.8 65.8

67 78.5 66.6 100.0

52 31.3 24.5 36.7

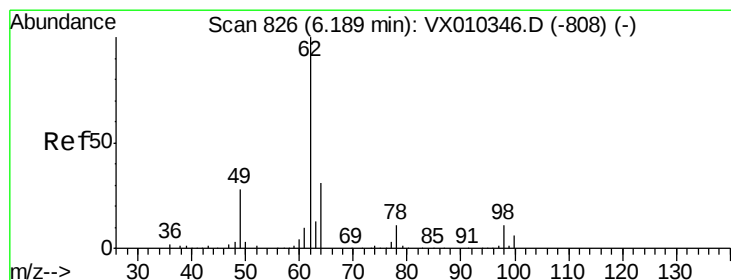
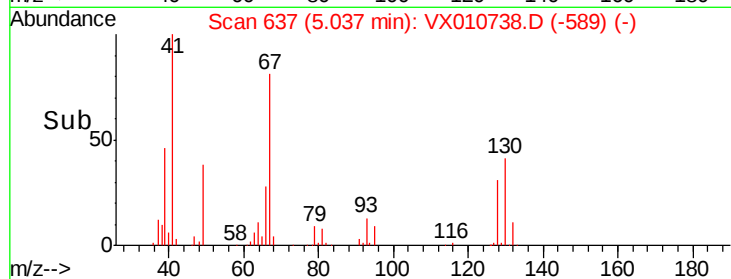
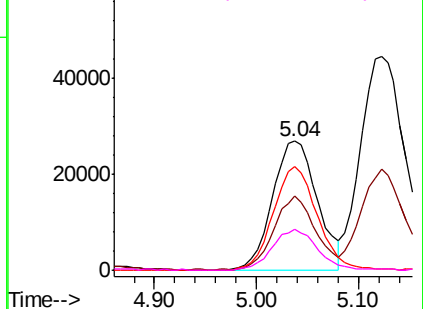


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 57.034 ug/l

RT: 6.19 min Scan# 826

Delta R.T. 0.00 min

Lab File: VX010738.D

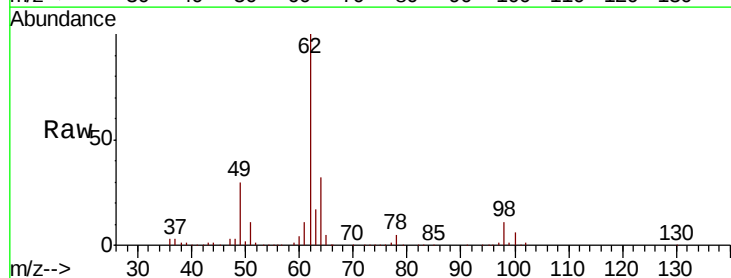
Acq: 09 Jul 2019 09:53

Tgt Ion: 62 Resp: 145346

Ion Ratio Lower Upper

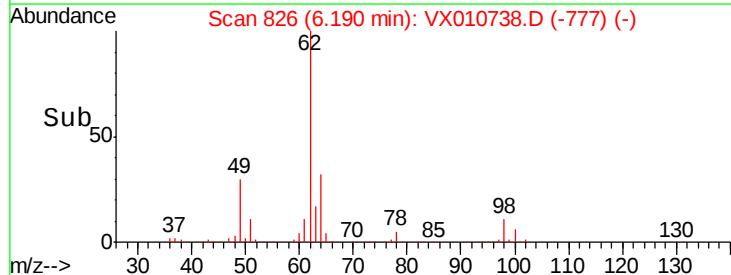
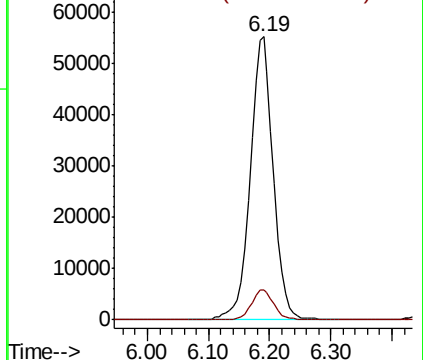
62 100

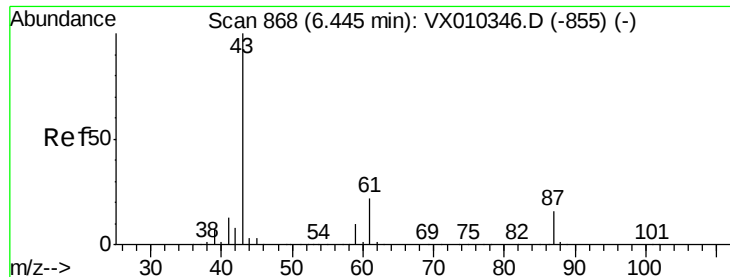
98 10.3 0.0 22.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 52.614 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX010738.D

Acq: 09 Jul 2019 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

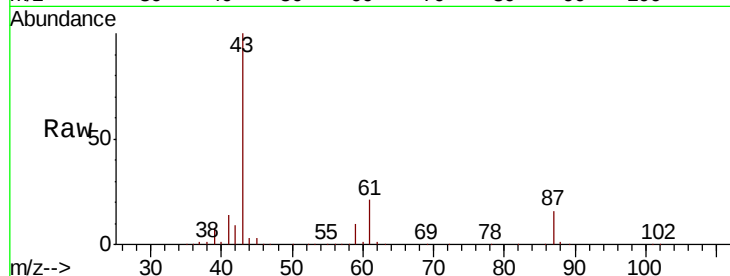
Tgt Ion: 43 Resp: 240644

Ion Ratio Lower Upper

43 100

61 21.3 17.8 26.6

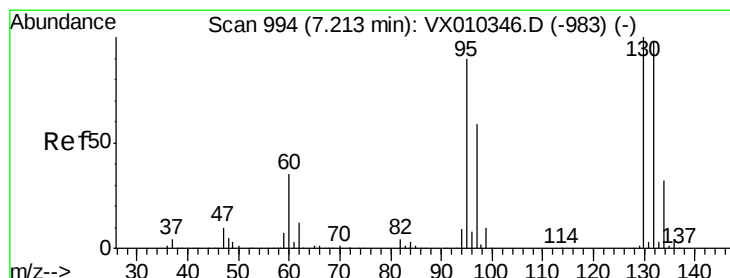
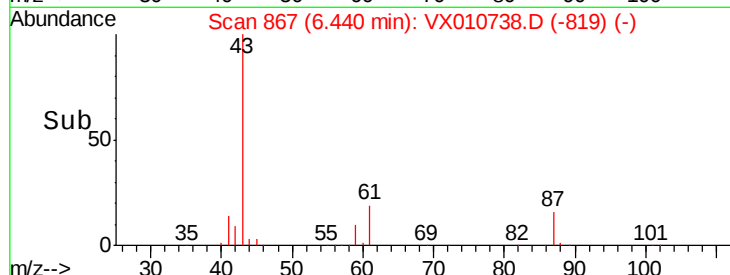
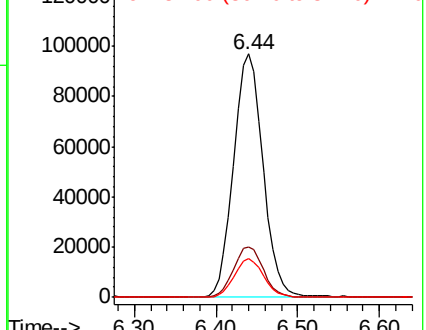
87 16.1 13.0 19.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 52.490 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.01 min

Lab File: VX010738.D

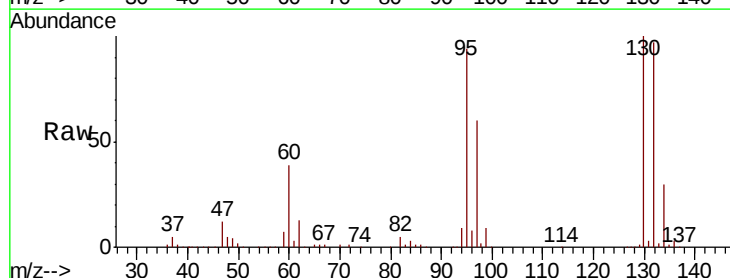
Acq: 09 Jul 2019 09:53

Tgt Ion: 130 Resp: 131493

Ion Ratio Lower Upper

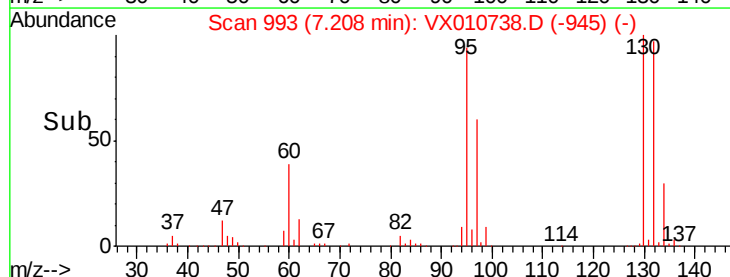
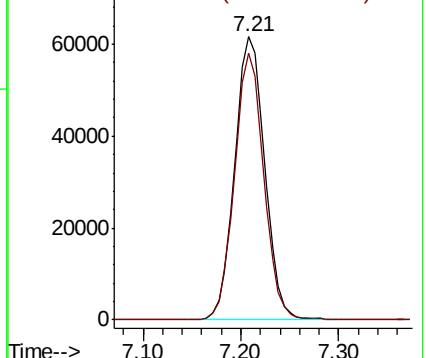
130 100

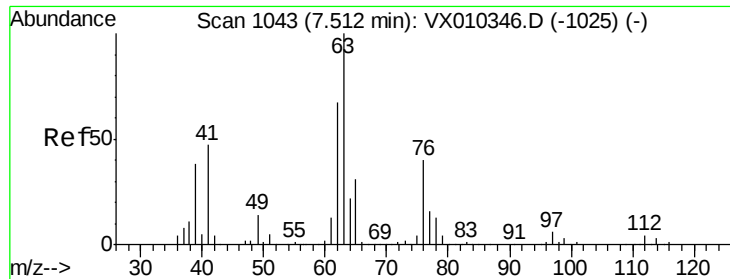
95 94.0 0.0 180.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 52.788 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX010738.D

Acq: 09 Jul 2019 09:53

Instrument :

MSVOA_X

ClientSampled :

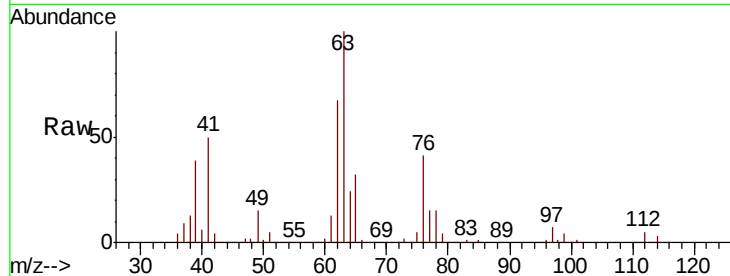
VSTDCCC050

Tgt Ion: 63 Resp: 111603

Ion Ratio Lower Upper

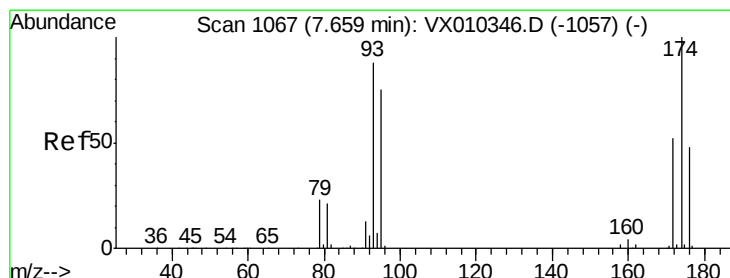
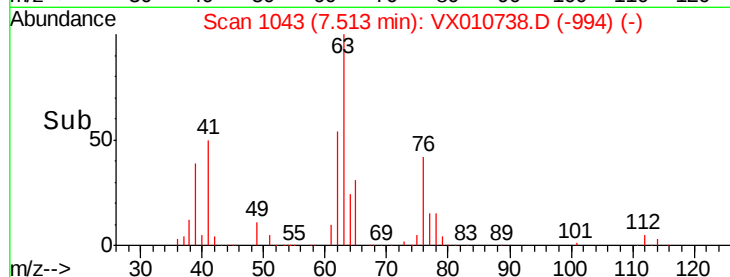
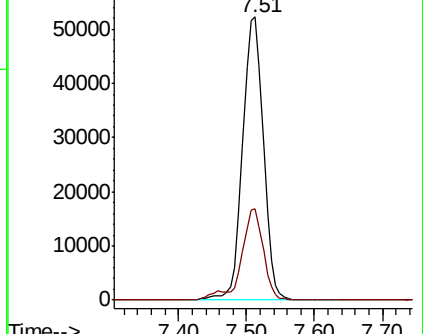
63 100

65 32.1 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: 53.367 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX010738.D

Acq: 09 Jul 2019 09:53

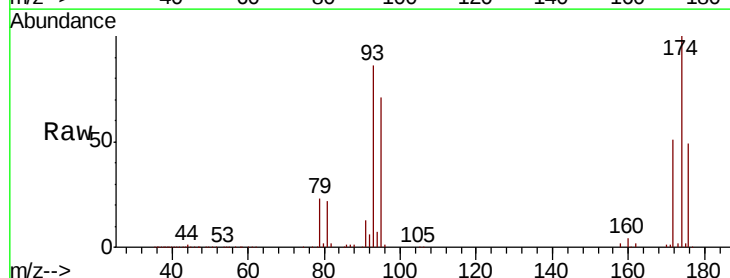
Tgt Ion: 93 Resp: 80950

Ion Ratio Lower Upper

93 100

95 83.4 67.5 101.3

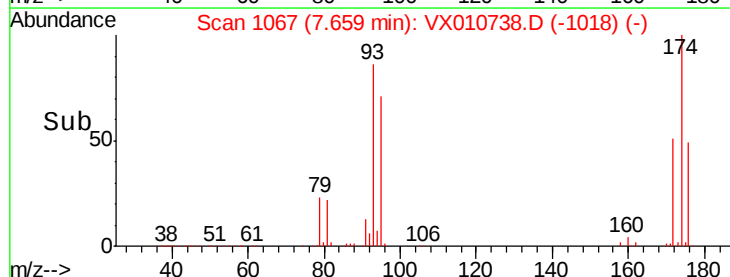
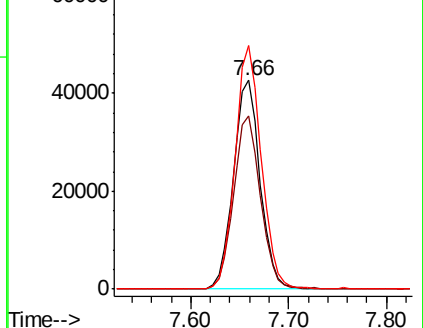
174 114.1 95.8 143.6

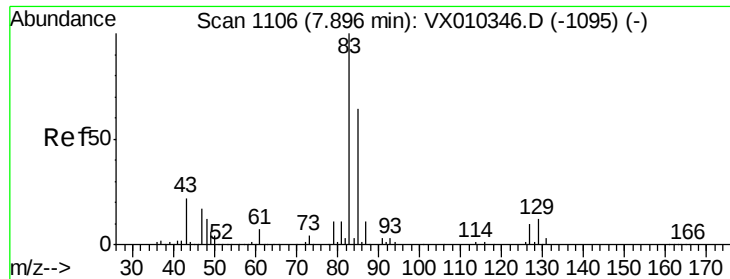


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

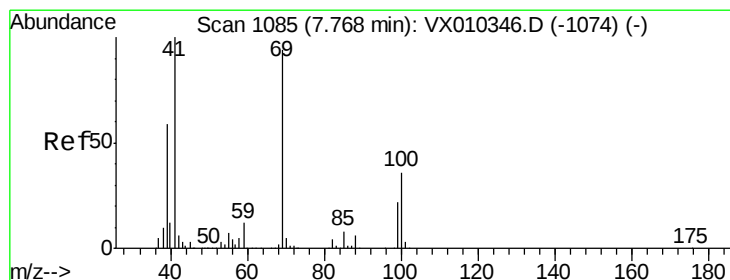
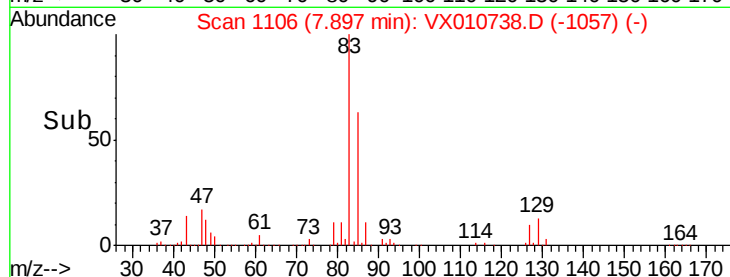
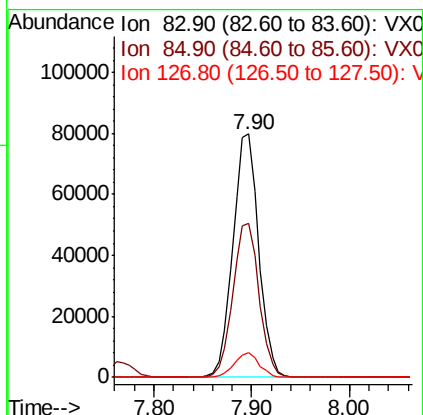
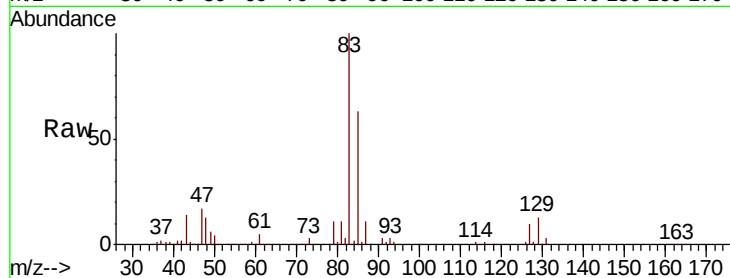




#47
 Bromodichloromethane
 Concen: 52.459 ug/l
 RT: 7.90 min Scan# 1106
 Delta R.T. 0.00 min
 Lab File: VX010738.D
 Acq: 09 Jul 2019 09:53

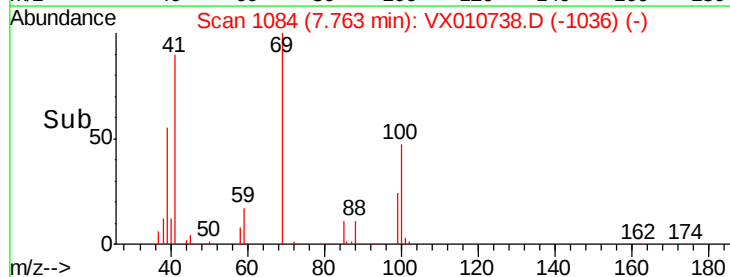
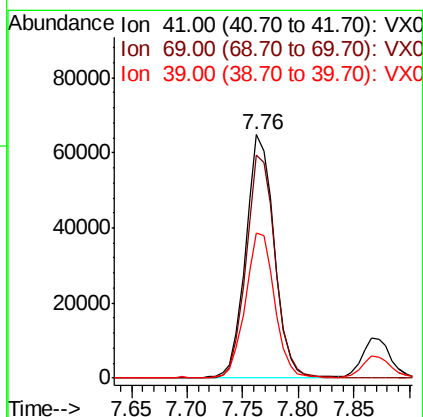
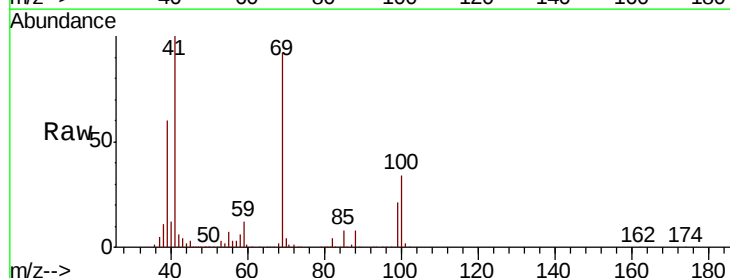
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

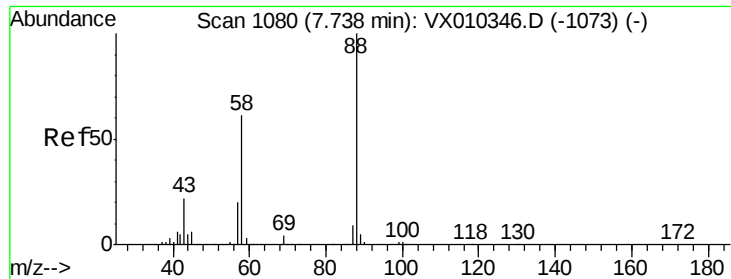
Tgt Ion: 83 Resp: 145826
 Ion Ratio Lower Upper
 83 100
 85 63.0 51.5 77.3
 127 10.4 7.8 11.8



#48
 Methyl methacrylate
 Concen: 54.356 ug/l
 RT: 7.76 min Scan# 1084
 Delta R.T. -0.01 min
 Lab File: VX010738.D
 Acq: 09 Jul 2019 09:53

Tgt Ion: 41 Resp: 115559
 Ion Ratio Lower Upper
 41 100
 69 93.6 76.1 114.1
 39 60.2 47.6 71.4





#49

1,4-Dioxane

Concen: 1026.211 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. 0.00 min

Lab File: VX010738.D

Acq: 09 Jul 2019 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

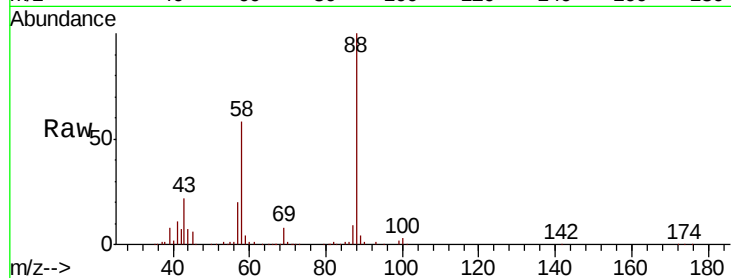
Tgt Ion: 88 Resp: 62849

Ion Ratio Lower Upper

88 100

43 26.4 20.2 30.2

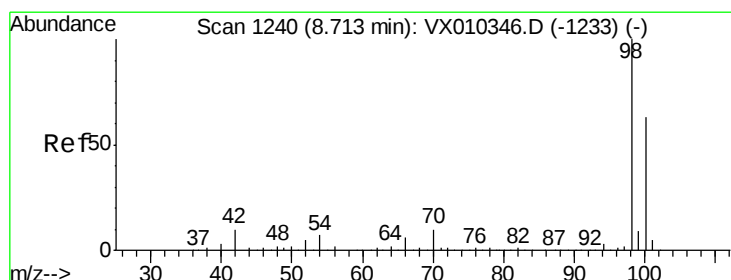
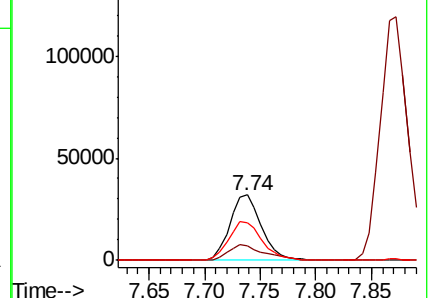
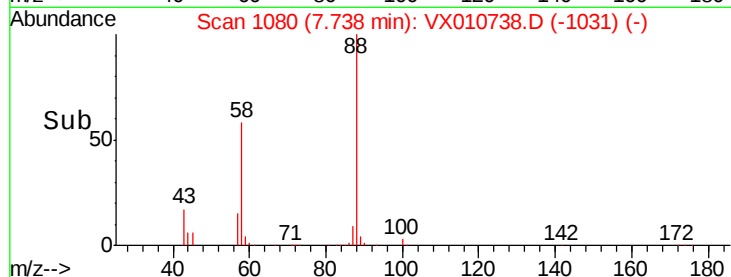
58 62.3 49.5 74.3



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: 47.683 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010738.D

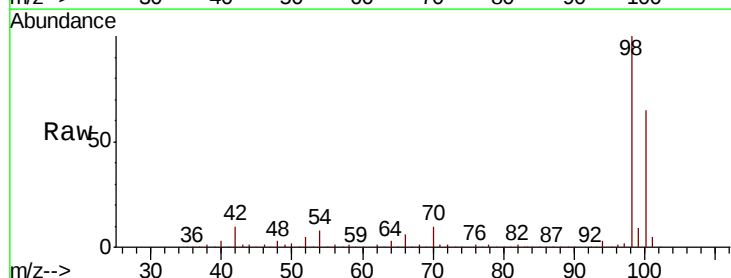
Acq: 09 Jul 2019 09:53

Tgt Ion: 98 Resp: 377438

Ion Ratio Lower Upper

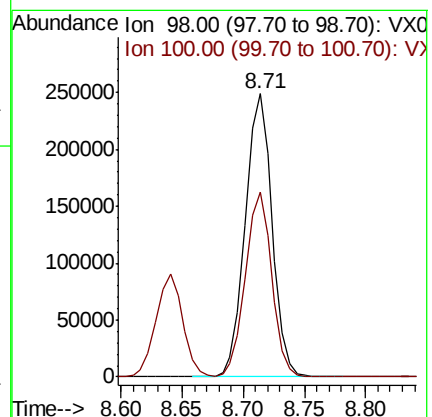
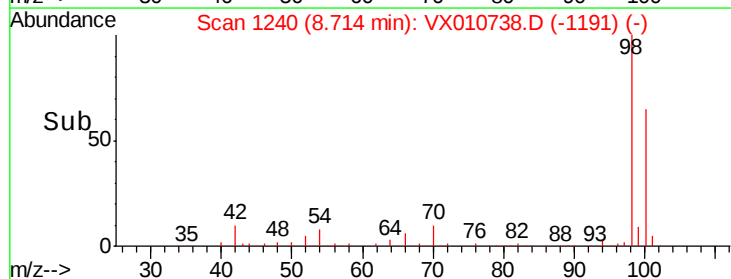
98 100

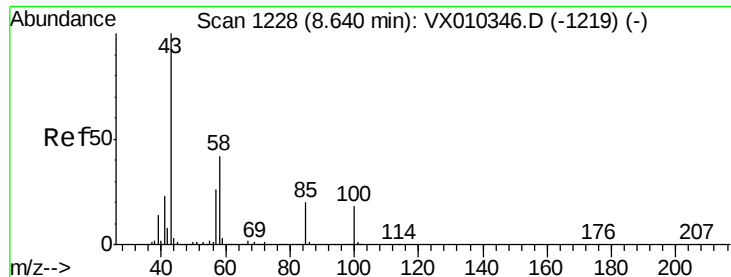
100 64.4 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

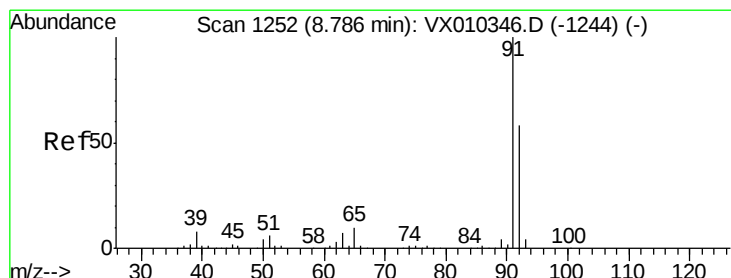
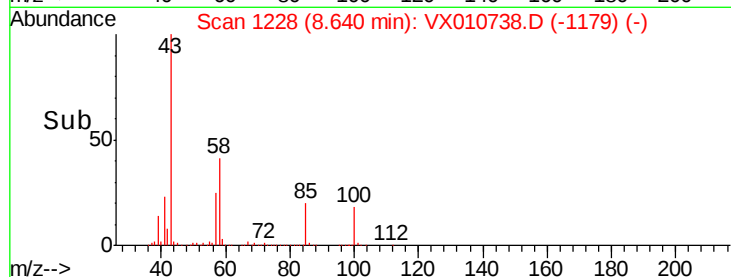
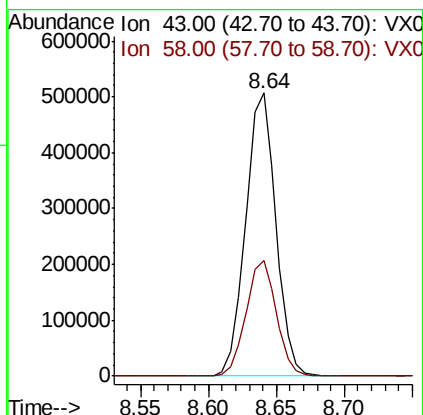
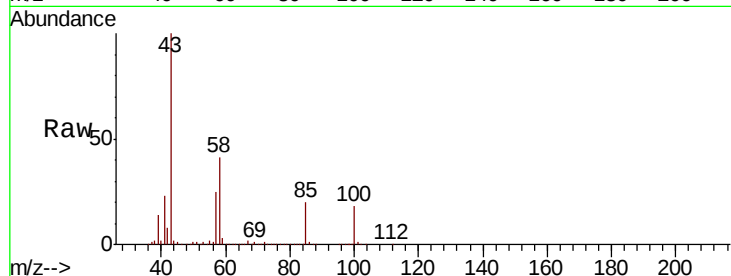




#51
 4-Methyl-2-Pentanone
 Concen: 269.448 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VX010738.D
 Acq: 09 Jul 2019 09:53

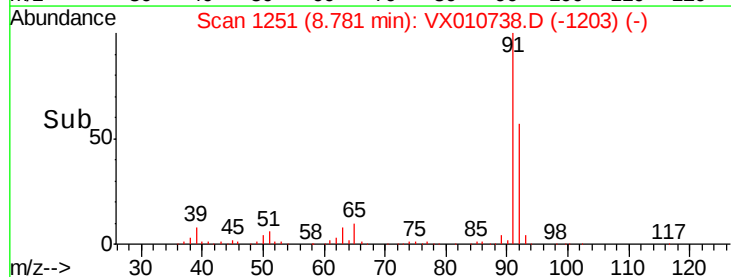
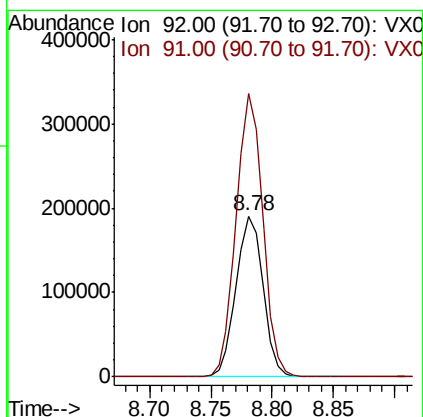
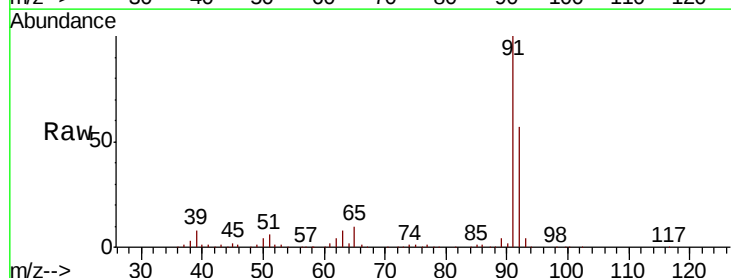
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

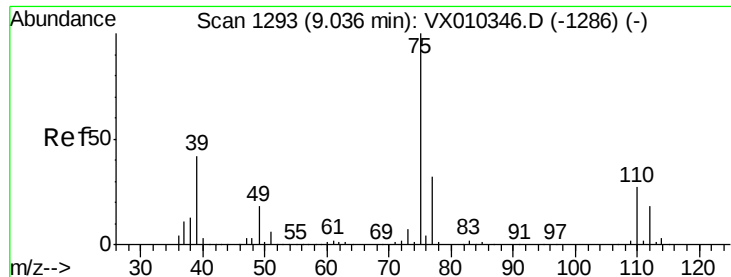
Tgt Ion: 43 Resp: 788197
 Ion Ratio Lower Upper
 43 100
 58 41.0 33.5 50.3



#52
 Toluene
 Concen: 53.096 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: VX010738.D
 Acq: 09 Jul 2019 09:53

Tgt Ion: 92 Resp: 292730
 Ion Ratio Lower Upper
 92 100
 91 174.4 139.8 209.6

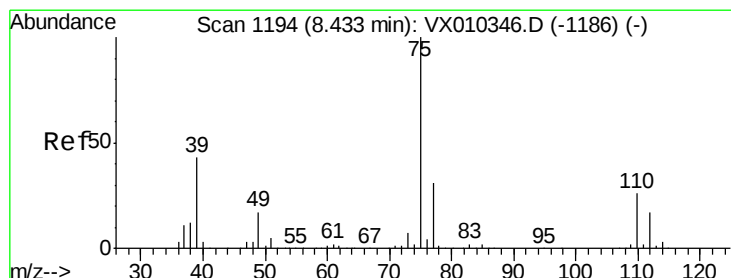
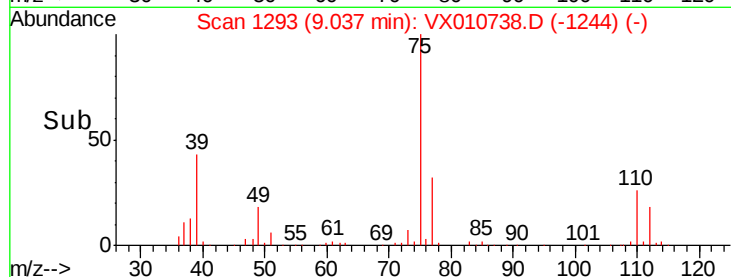
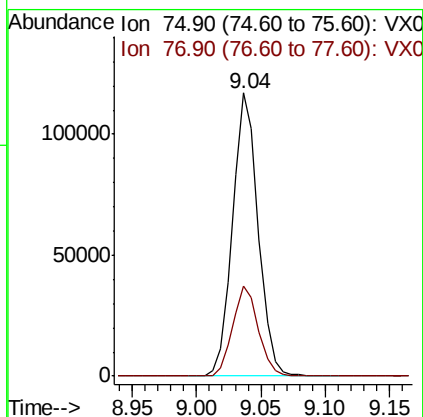
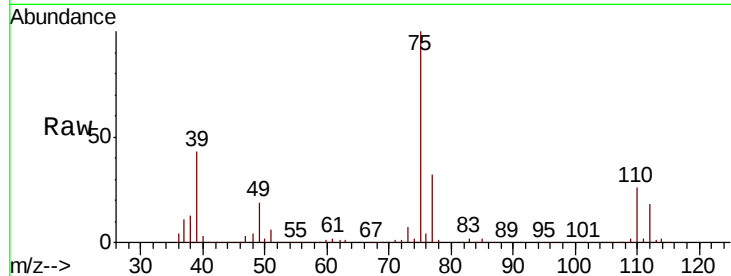




#53
 t-1,3-Dichloropropene
 Concen: 52.184 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. 0.00 min
 Lab File: VX010738.D
 Acq: 09 Jul 2019 09:53

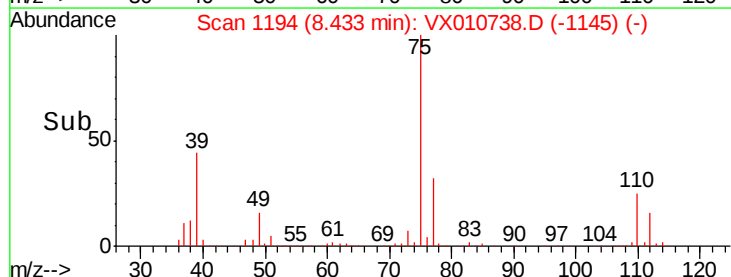
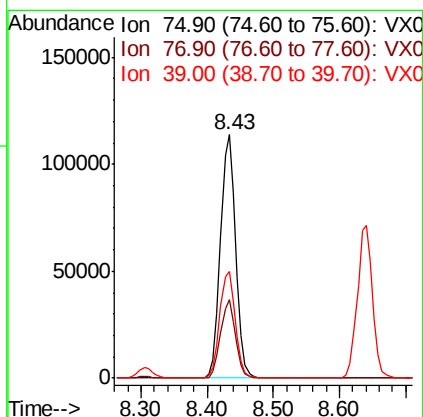
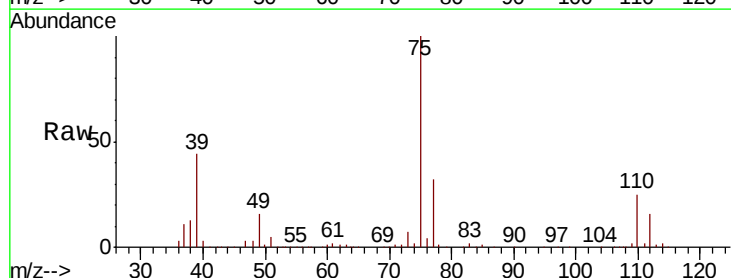
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

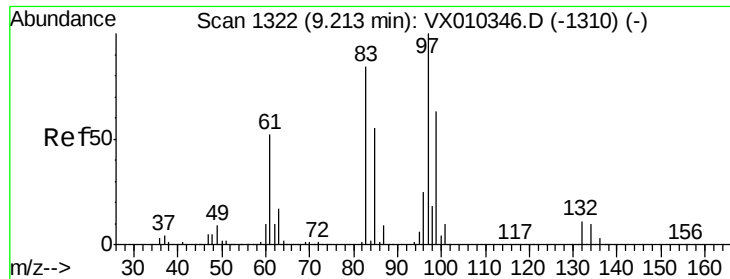
Tgt Ion: 75 Resp: 162636
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 53.064 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX010738.D
 Acq: 09 Jul 2019 09:53

Tgt Ion: 75 Resp: 179718
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.2 37.8
 39 43.8 34.5 51.7

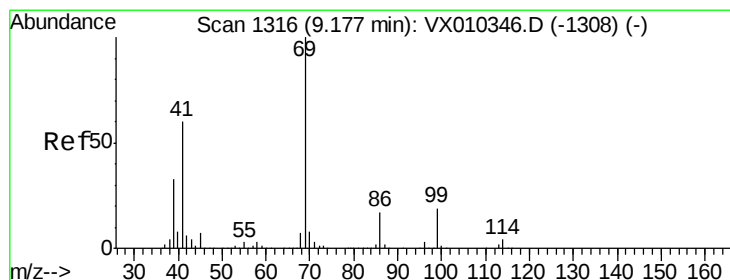
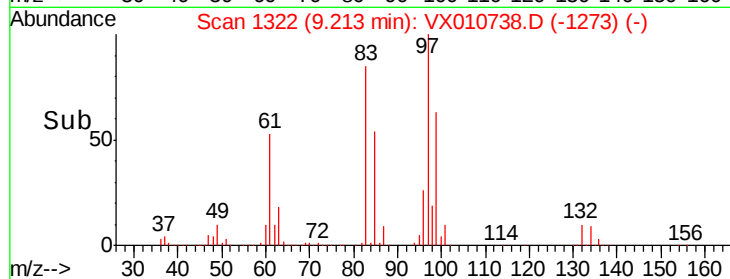
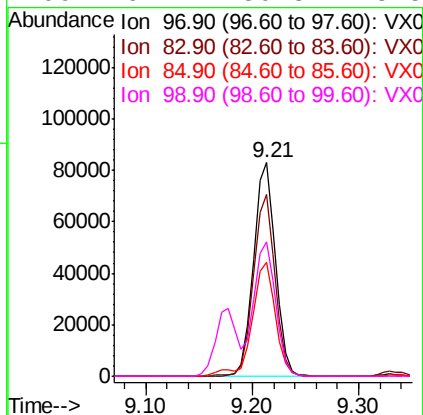
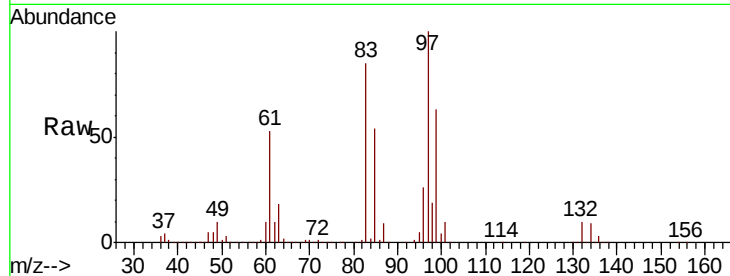




#55
 1,1,2-Trichloroethane
 Concen: 52.968 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX010738.D
 Acq: 09 Jul 2019 09:53

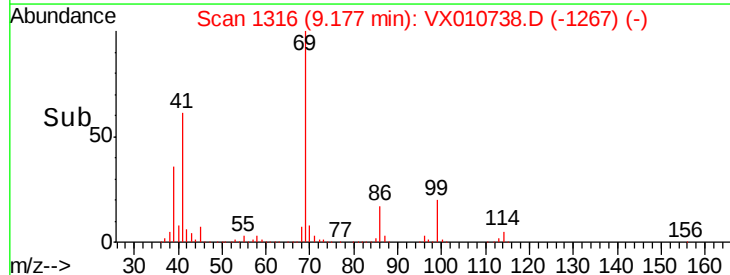
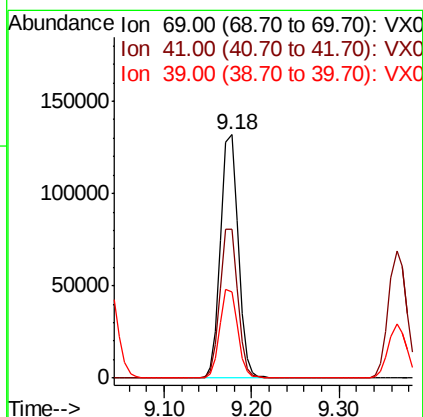
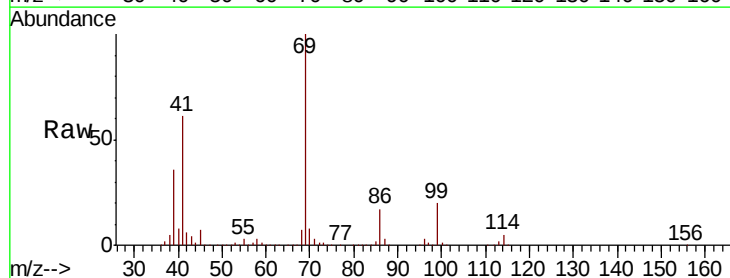
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

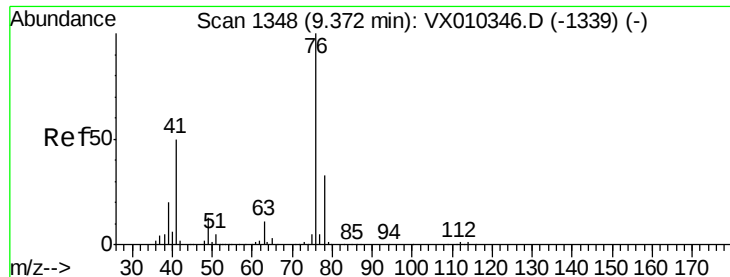
Tgt Ion:	97	Resp:	120437
Ion	Ratio	Lower	Upper
97	100		
83	85.3	67.4	101.0
85	53.6	43.8	65.8
99	62.7	50.3	75.5



#56
 Ethyl methacrylate
 Concen: 53.616 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX010738.D
 Acq: 09 Jul 2019 09:53

Tgt Ion:	69	Resp:	184677
Ion	Ratio	Lower	Upper
69	100		
41	61.1	47.1	70.7
39	36.4	26.6	40.0

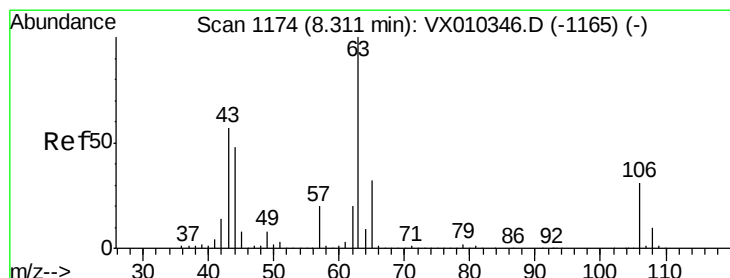
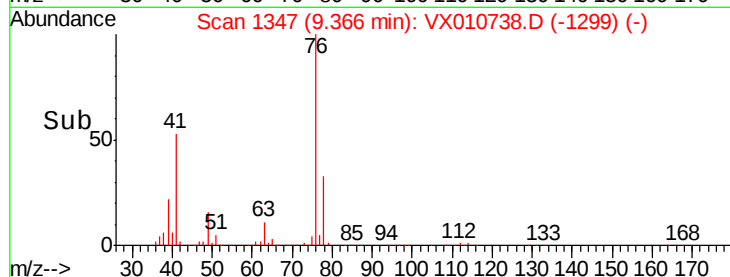
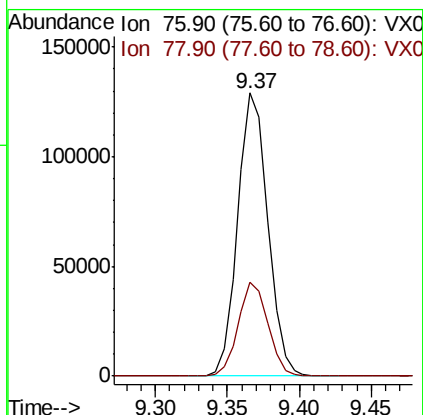
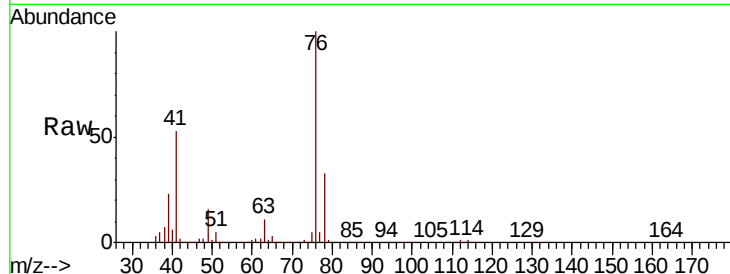




#57
 1,3-Dichloropropane
 Concen: 53.248 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. -0.01 min
 Lab File: VX010738.D
 Acq: 09 Jul 2019 09:53

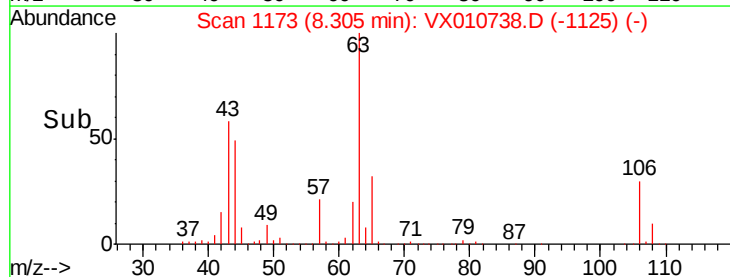
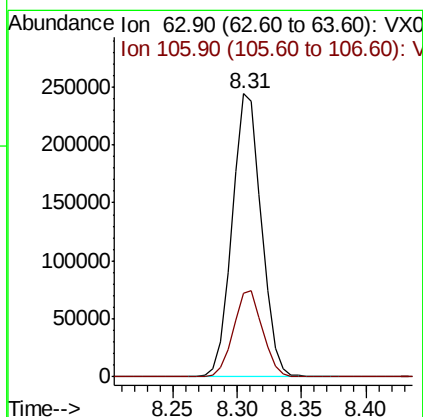
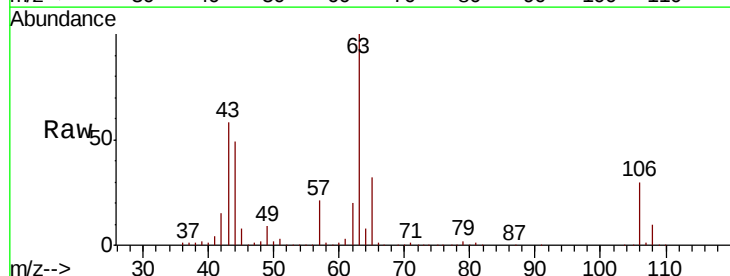
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

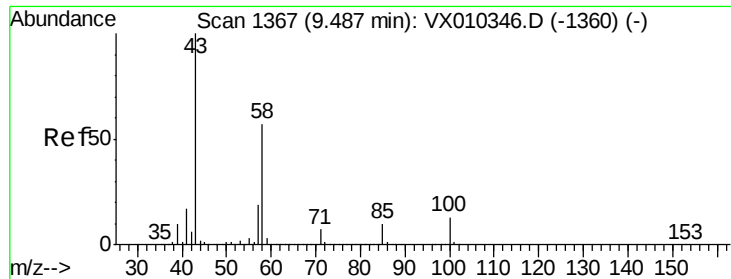
Tgt Ion: 76 Resp: 187943
 Ion Ratio Lower Upper
 76 100
 78 32.7 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 235.881 ug/l
 RT: 8.31 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: VX010738.D
 Acq: 09 Jul 2019 09:53

Tgt Ion: 63 Resp: 385870
 Ion Ratio Lower Upper
 63 100
 106 30.4 24.7 37.1

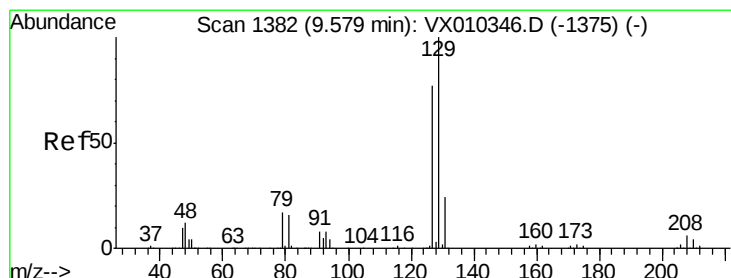
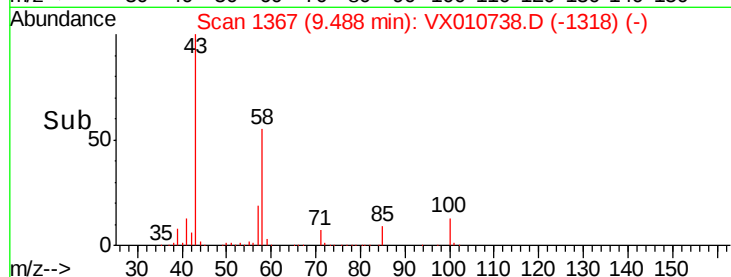
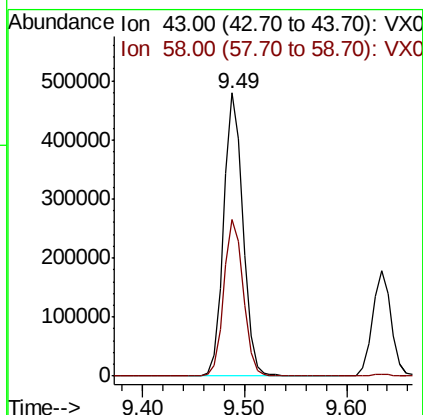
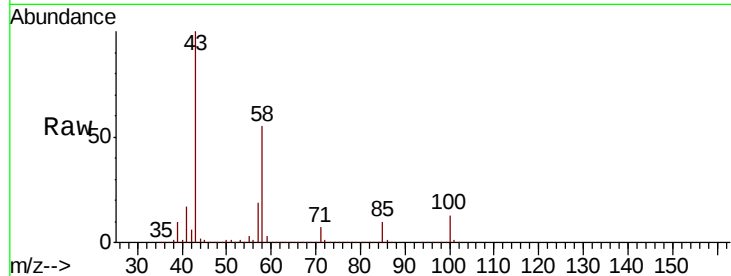




#59
2-Hexanone
Concen: 273.051 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010738.D
Acq: 09 Jul 2019 09:53

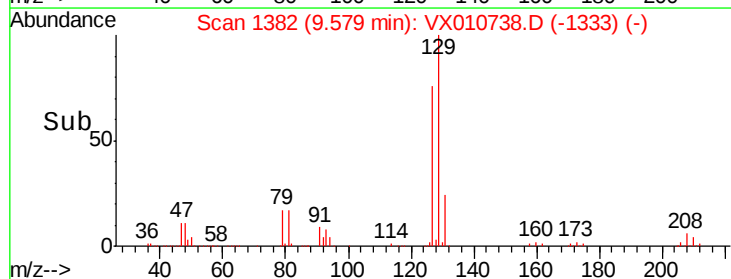
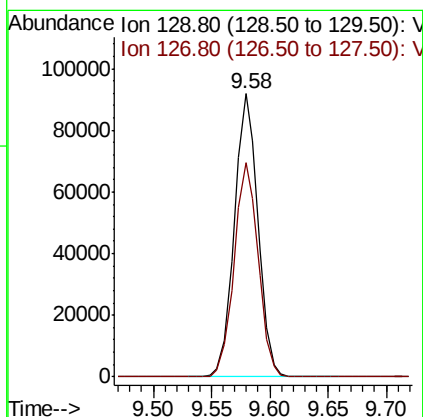
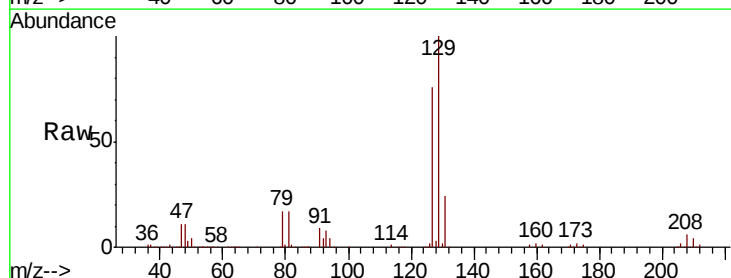
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

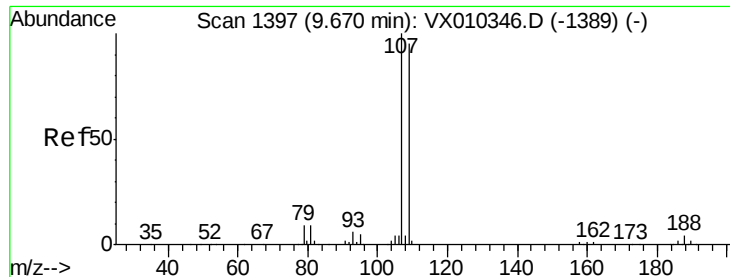
Tgt Ion: 43 Resp: 628635
Ion Ratio Lower Upper
43 100
58 56.0 29.0 87.1



#60
Dibromochloromethane
Concen: 50.934 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010738.D
Acq: 09 Jul 2019 09:53

Tgt Ion: 129 Resp: 129670
Ion Ratio Lower Upper
129 100
127 77.0 38.4 115.1

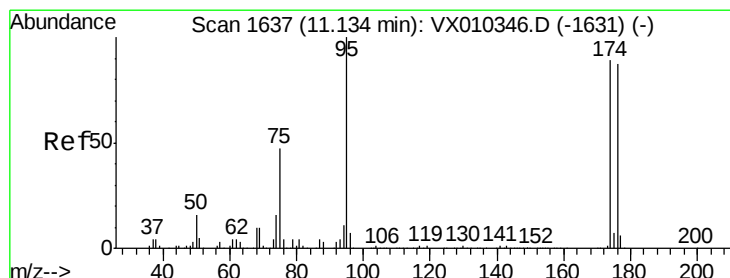
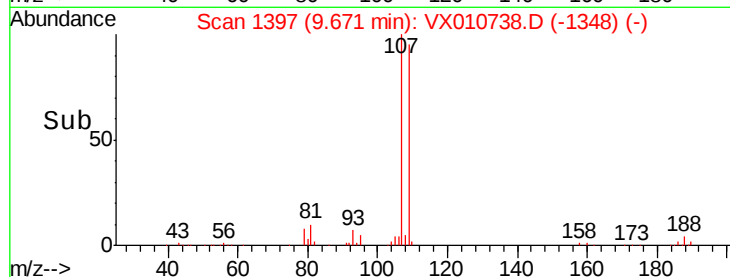
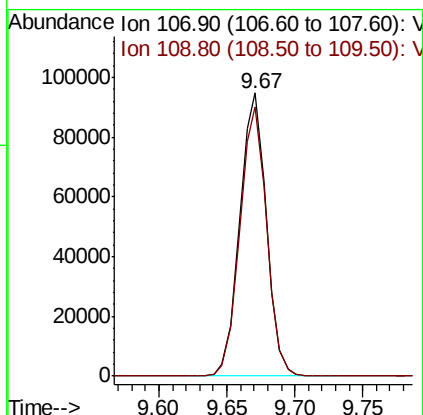
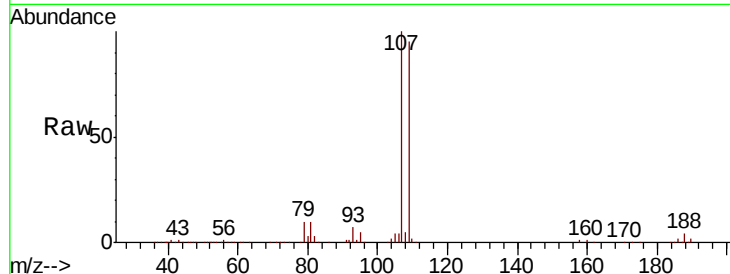




#61
 1,2-Dibromoethane
 Concen: 52.601 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX010738.D
 Acq: 09 Jul 2019 09:53

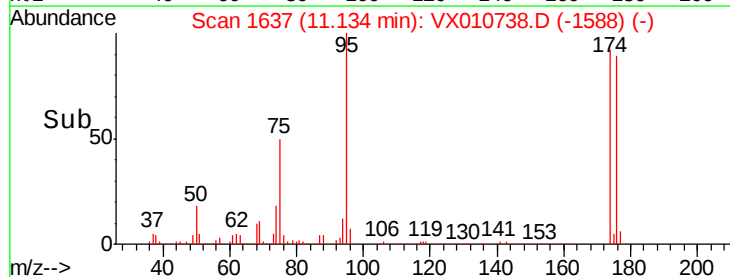
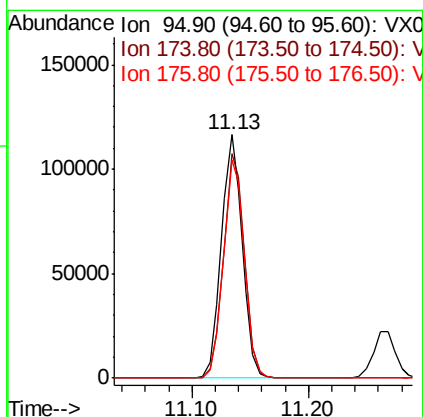
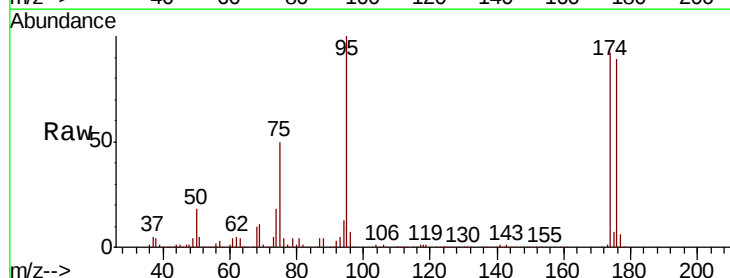
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

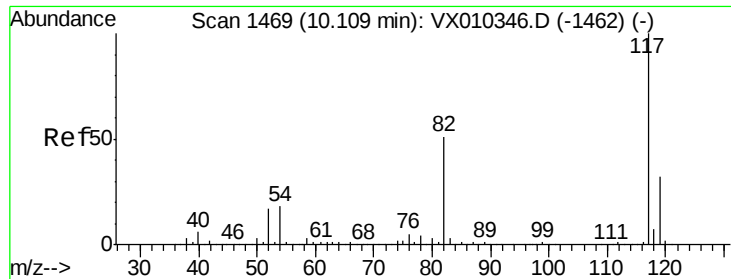
Tgt Ion: 107 Resp: 129098
 Ion Ratio Lower Upper
 107 100
 109 95.7 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 50.276 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX010738.D
 Acq: 09 Jul 2019 09:53

Tgt Ion: 95 Resp: 143676
 Ion Ratio Lower Upper
 95 100
 174 91.9 0.0 187.6
 176 90.0 0.0 184.0

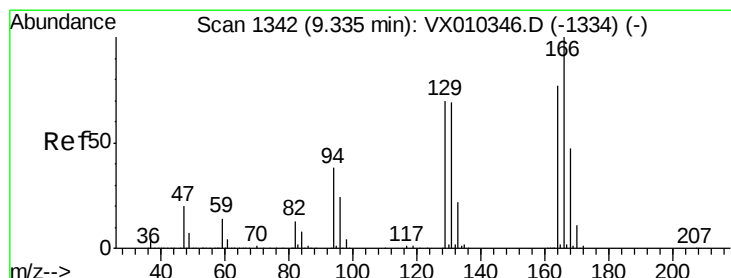
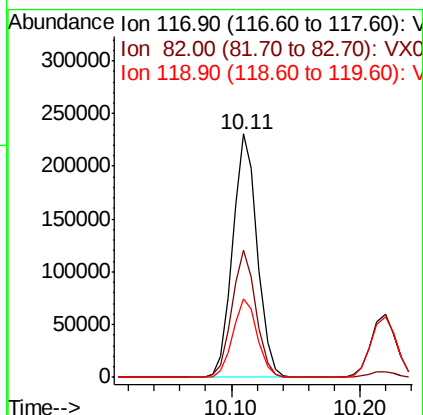
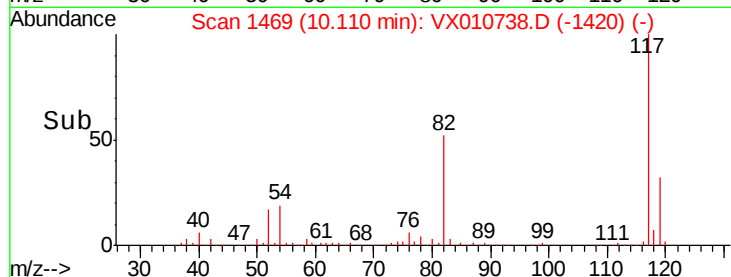
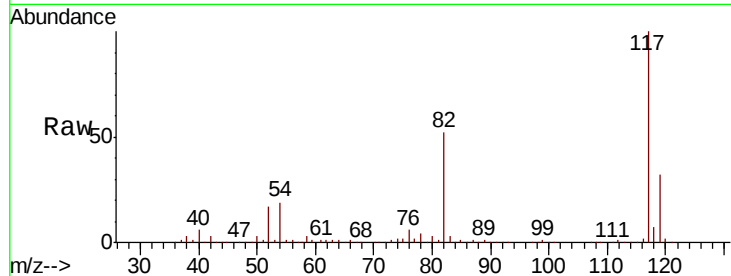




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010738.D
Acq: 09 Jul 2019 09:53

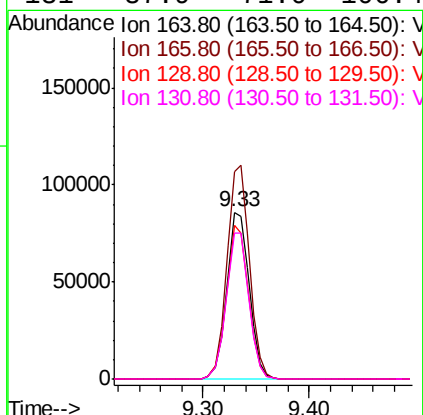
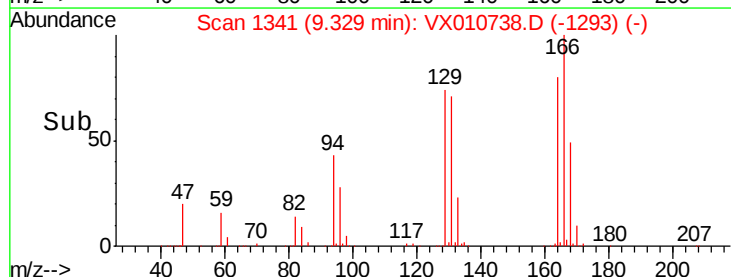
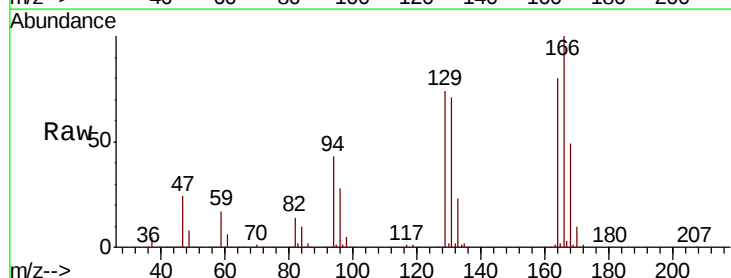
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

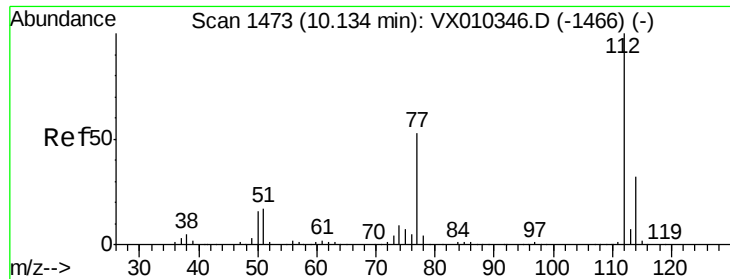
Tgt Ion:117 Resp: 306314
Ion Ratio Lower Upper
117 100
82 52.1 41.2 61.8
119 32.2 25.5 38.3



#64
Tetrachloroethene
Concen: 51.400 ug/l
RT: 9.33 min Scan# 1341
Delta R.T. -0.01 min
Lab File: VX010738.D
Acq: 09 Jul 2019 09:53

Tgt Ion:164 Resp: 127345
Ion Ratio Lower Upper
164 100
166 124.3 103.6 155.4
129 92.3 73.0 109.4
131 87.9 71.0 106.4

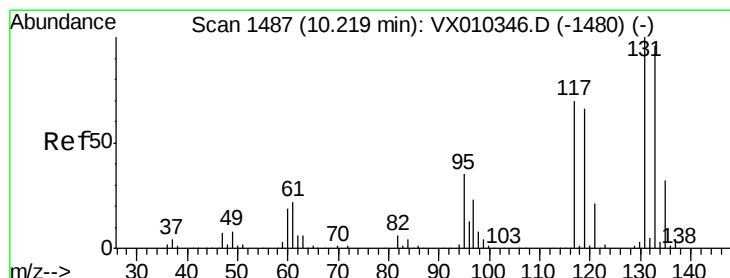
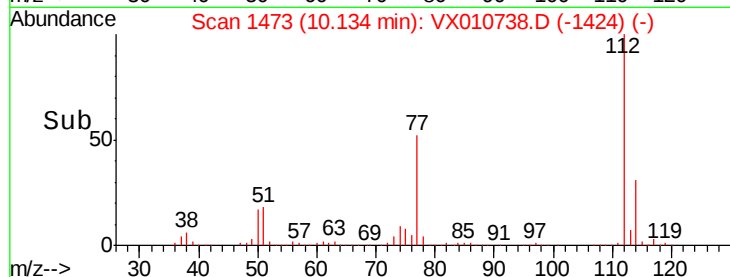
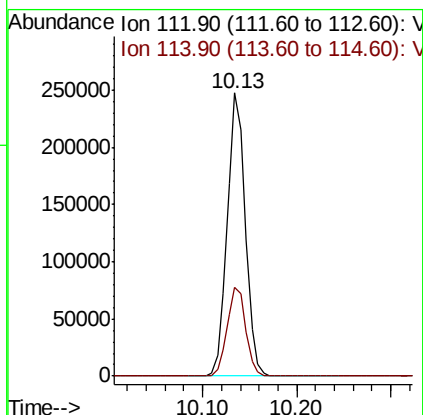
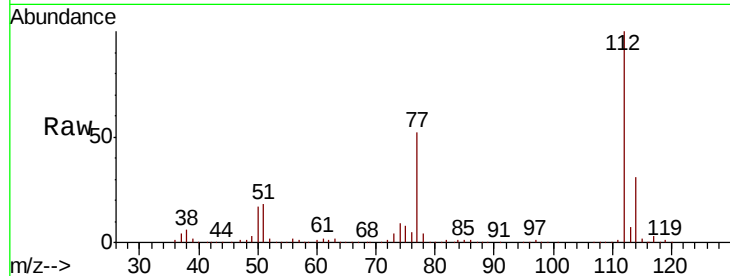




#65
Chlorobenzene
Concen: 53.035 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX010738.D
Acq: 09 Jul 2019 09:53

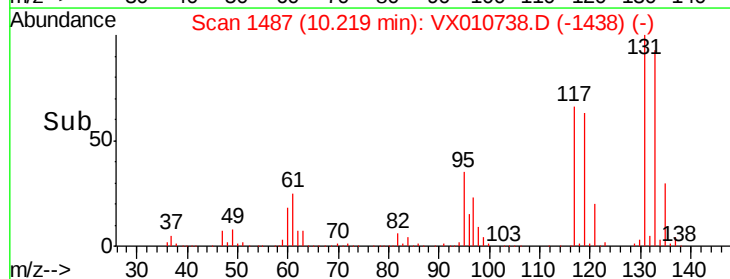
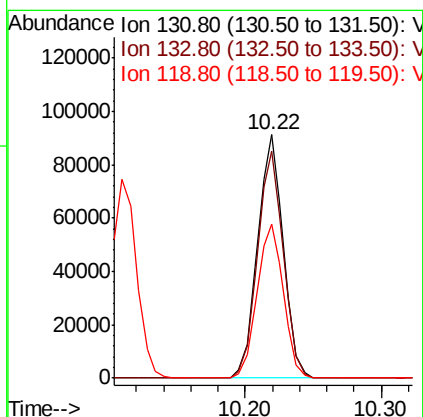
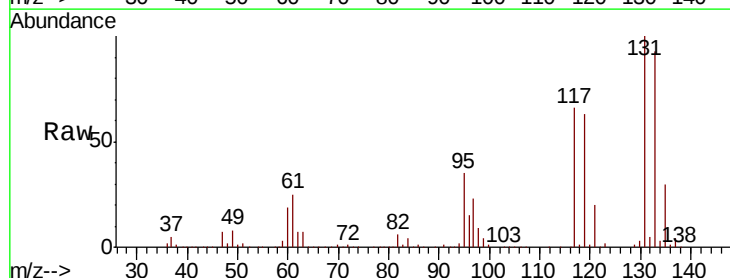
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

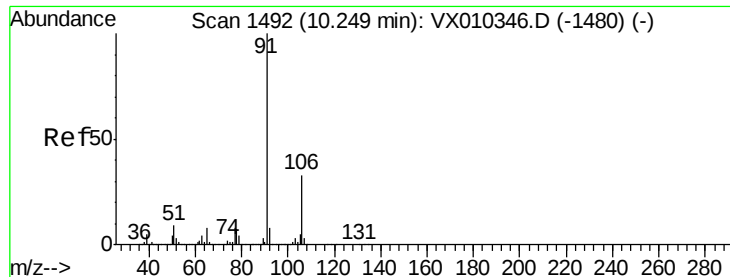
Tgt Ion:112 Resp: 329811
Ion Ratio Lower Upper
112 100
114 31.2 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 53.479 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX010738.D
Acq: 09 Jul 2019 09:53

Tgt Ion:131 Resp: 121141
Ion Ratio Lower Upper
131 100
133 94.0 47.7 143.1
119 64.9 32.6 97.7

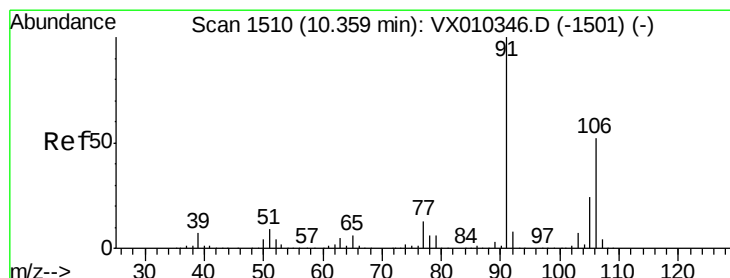
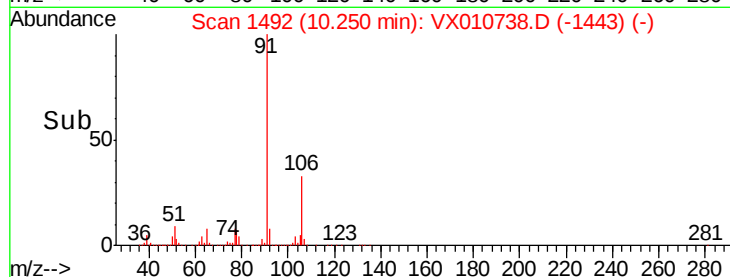
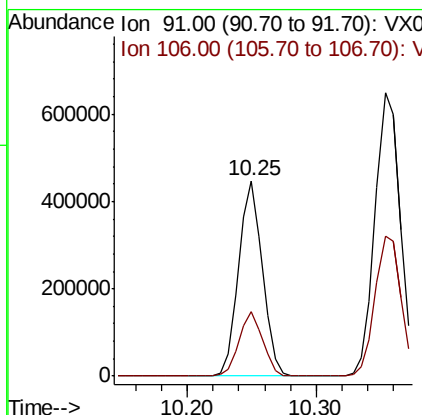
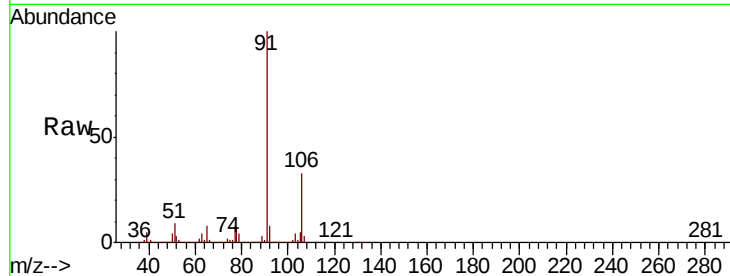




#67
Ethyl Benzene
Concen: 54.740 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010738.D
Acq: 09 Jul 2019 09:53

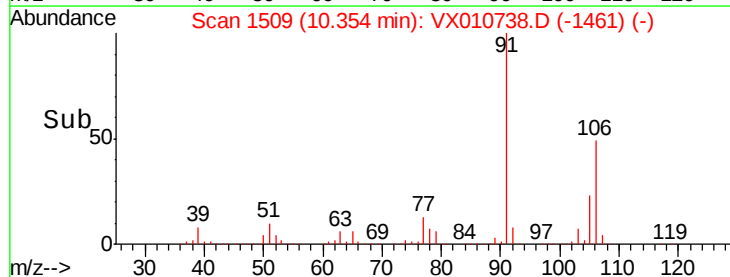
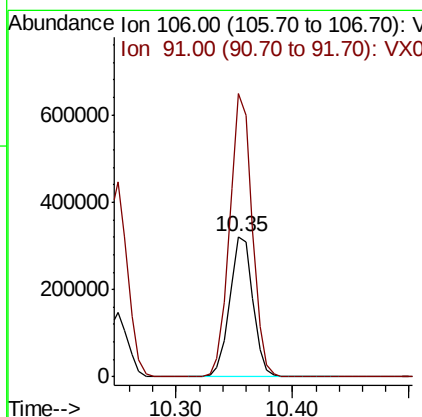
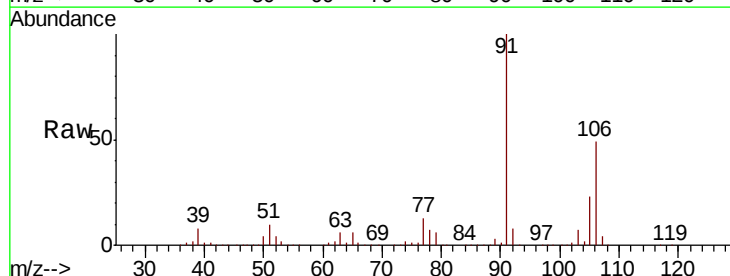
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

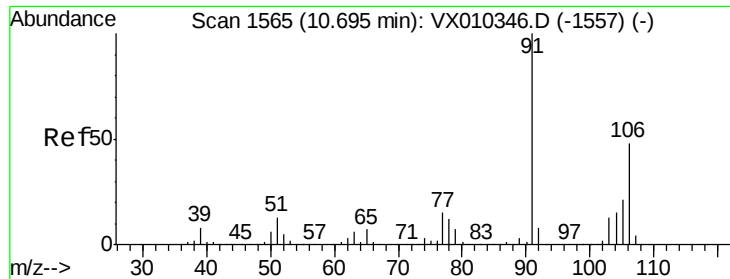
Tgt Ion: 91 Resp: 574694
Ion Ratio Lower Upper
91 100
106 32.7 26.2 39.2



#68
m/p-Xylenes
Concen: 109.647 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX010738.D
Acq: 09 Jul 2019 09:53

Tgt Ion: 106 Resp: 446038
Ion Ratio Lower Upper
106 100
91 196.2 155.3 232.9

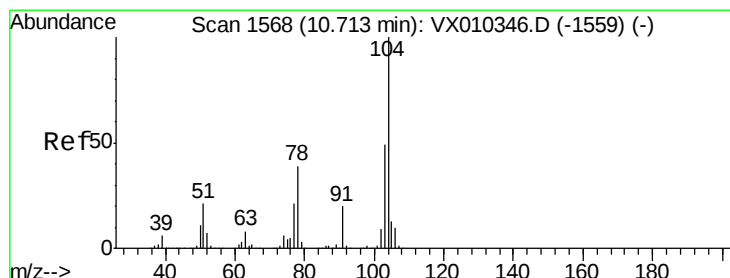
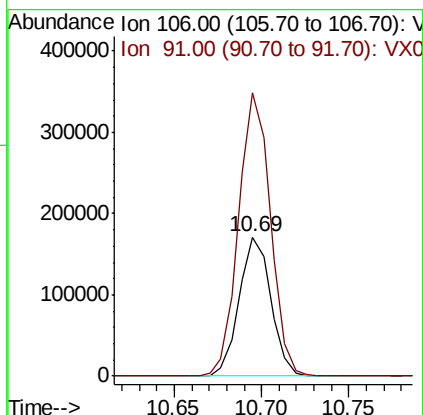
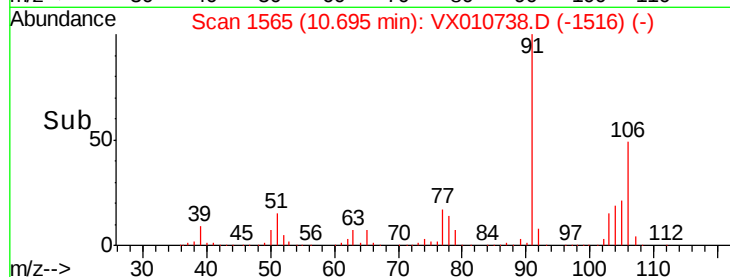
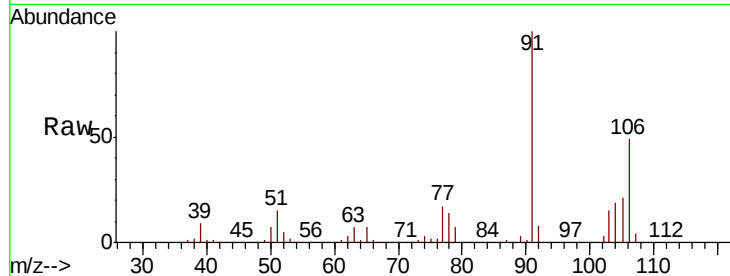




#69
o-Xylene
Concen: 53.996 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010738.D
Acq: 09 Jul 2019 09:53

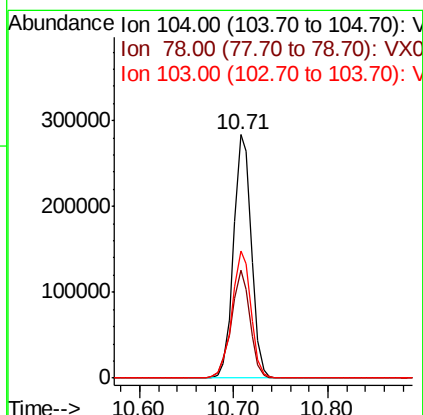
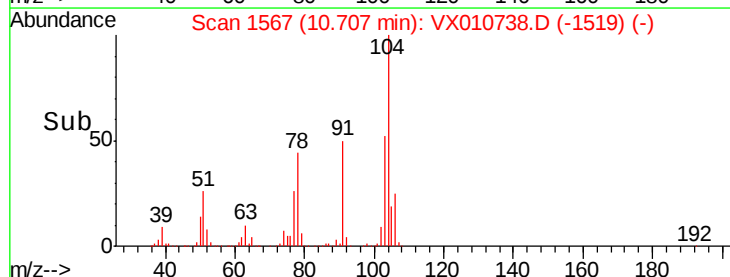
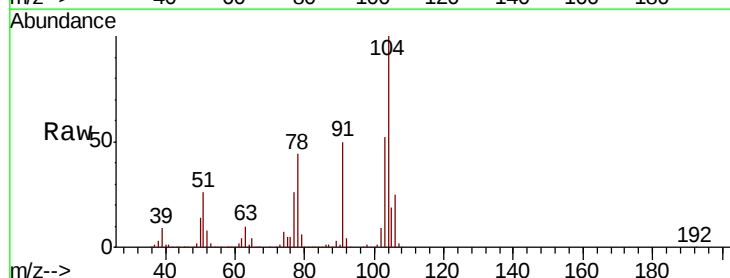
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

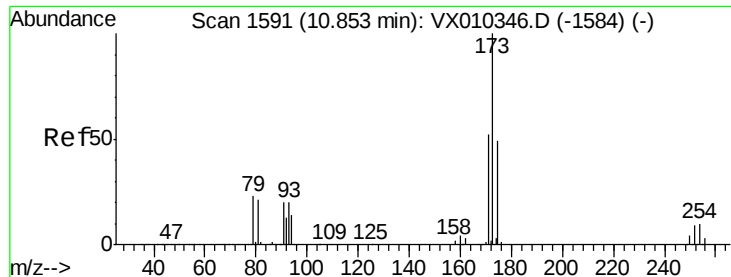
Tgt Ion:106 Resp: 216009
Ion Ratio Lower Upper
106 100
91 204.7 102.7 308.1



#70
Styrene
Concen: 55.231 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX010738.D
Acq: 09 Jul 2019 09:53

Tgt Ion:104 Resp: 370541
Ion Ratio Lower Upper
104 100
78 46.7 36.2 54.2
103 55.9 44.2 66.4





#71

Bromoform

Concen: 50.498 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010738.D

Acq: 09 Jul 2019 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

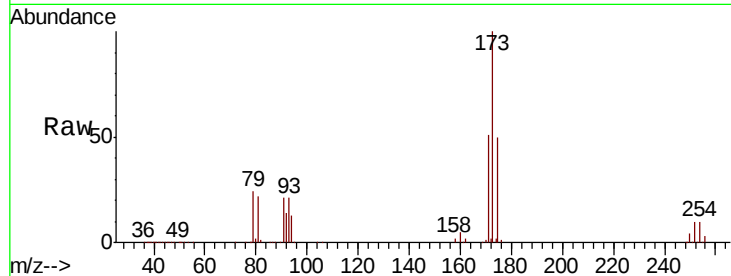
Tgt Ion:173 Resp: 99475

Ion Ratio Lower Upper

173 100

175 49.9 24.1 72.3

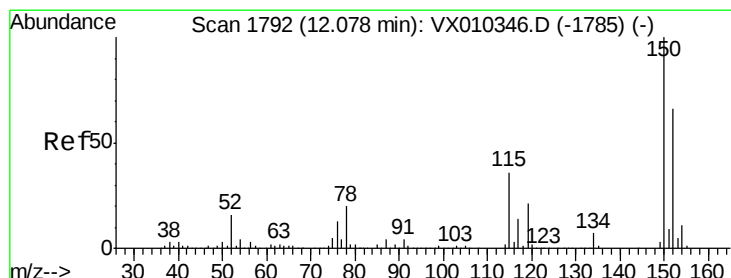
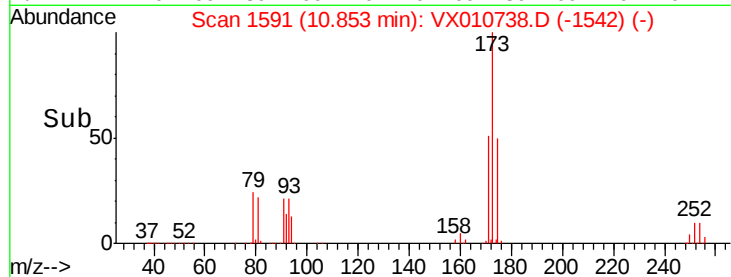
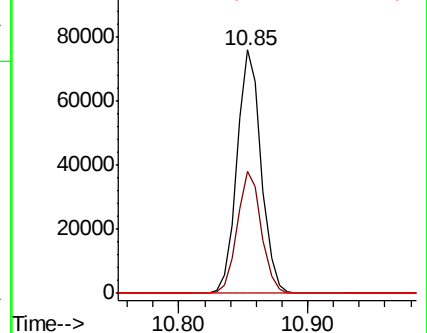
254 0.2 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010738.D

Acq: 09 Jul 2019 09:53

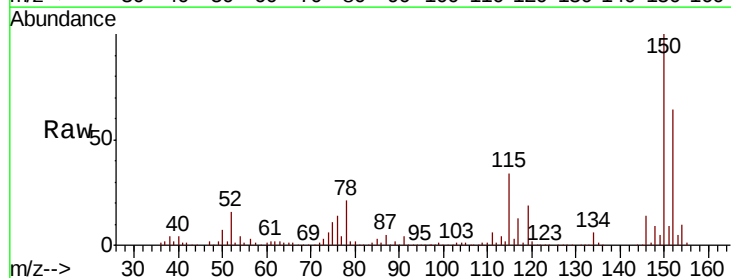
Tgt Ion:152 Resp: 166469

Ion Ratio Lower Upper

152 100

115 78.6 38.6 115.7

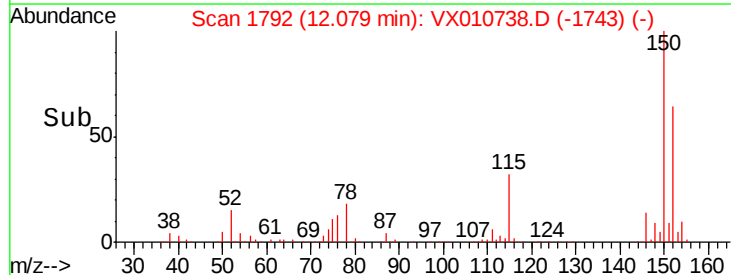
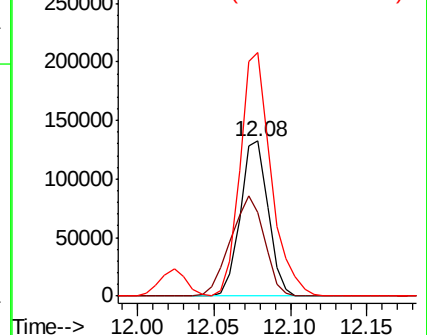
150 174.3 0.0 347.4

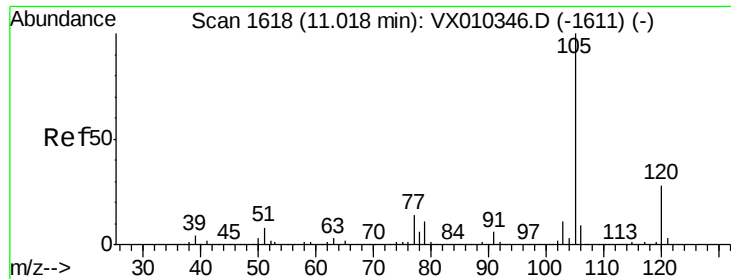


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.207 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010738.D

Acq: 09 Jul 2019 09:53

Instrument :

MSVOA_X

ClientSampleId :

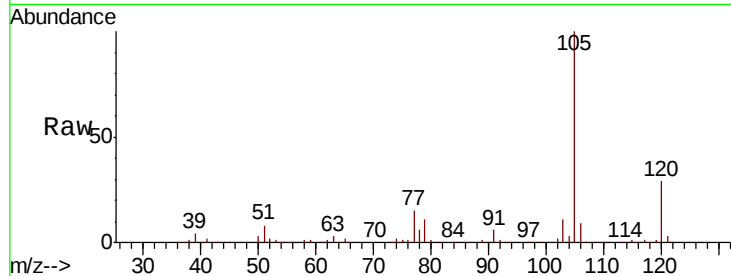
VSTDCCC050

Tgt Ion: 105 Resp: 577848

Ion Ratio Lower Upper

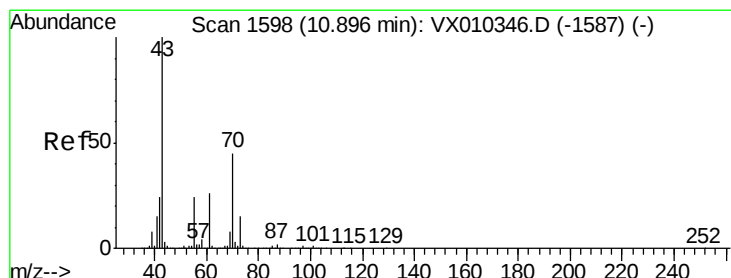
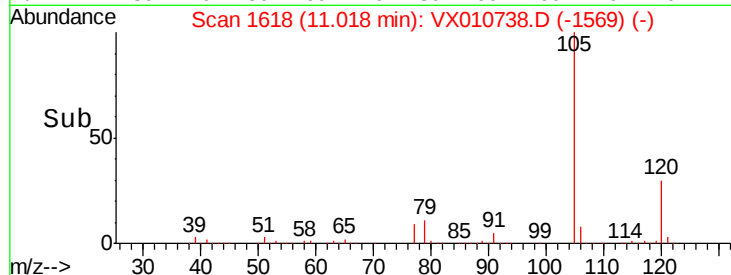
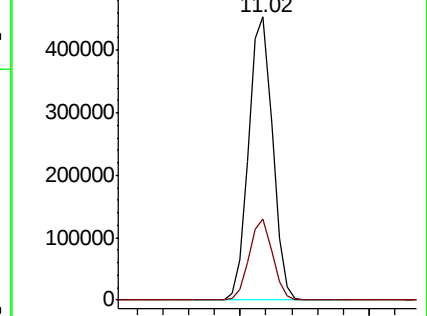
105 100

120 27.9 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: 52.462 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010738.D

Acq: 09 Jul 2019 09:53

Tgt Ion: 43 Resp: 223732

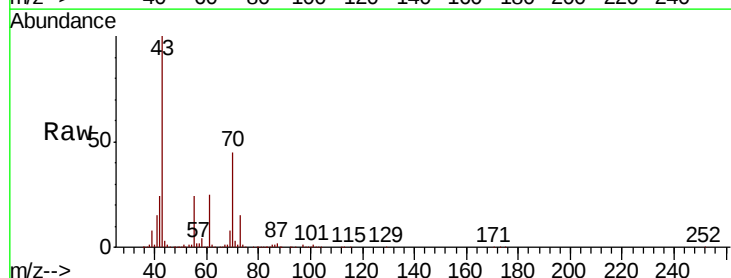
Ion Ratio Lower Upper

43 100

70 44.3 36.6 54.8

55 23.9 18.7 28.1

61 24.9 20.6 31.0

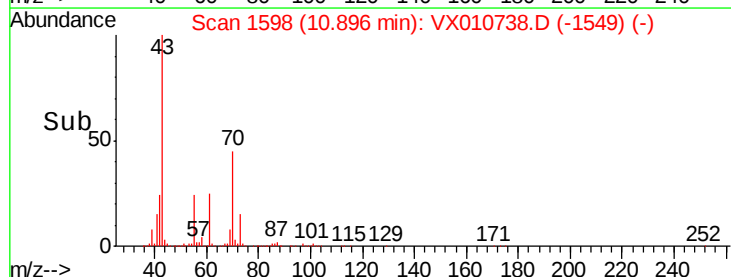
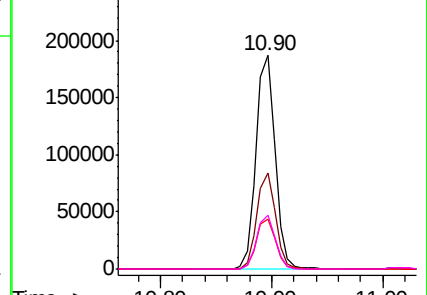


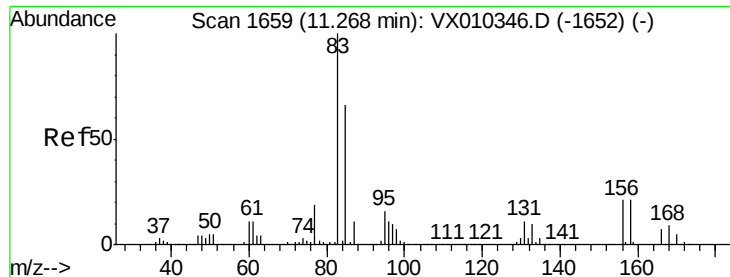
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 49.655 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010738.D

Acq: 09 Jul 2019 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

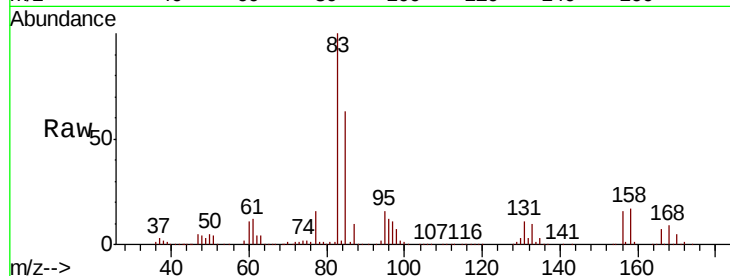
Tgt Ion: 83 Resp: 185567

Ion Ratio Lower Upper

83 100

131 10.8 5.5 16.4

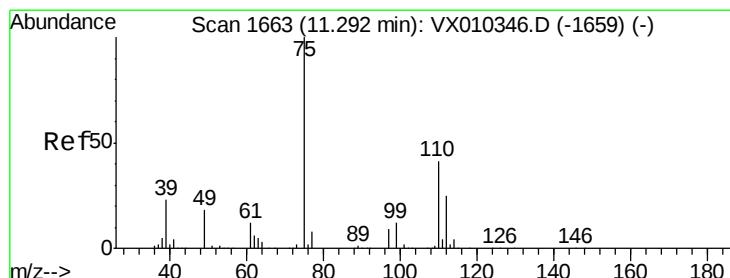
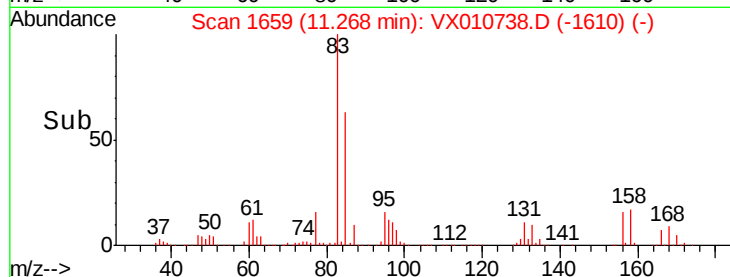
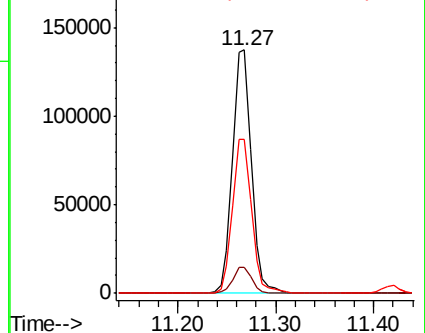
85 64.3 32.3 96.8



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: 67.576 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX010738.D

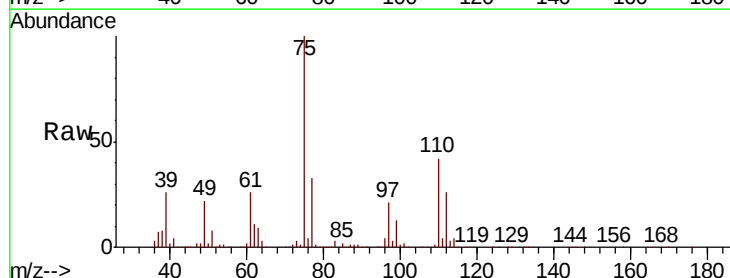
Acq: 09 Jul 2019 09:53

Tgt Ion: 75 Resp: 204993

Ion Ratio Lower Upper

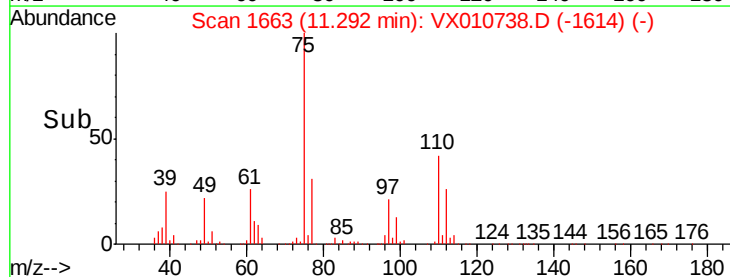
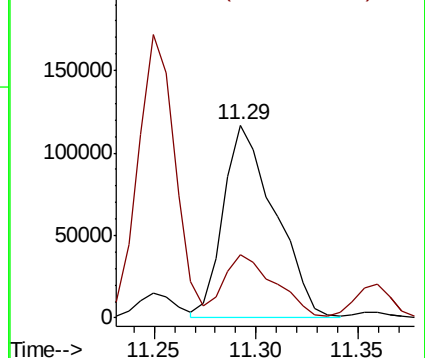
75 100

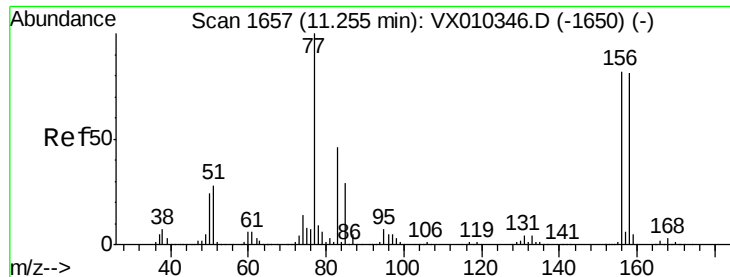
77 32.5 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.203 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX010738.D

Acq: 09 Jul 2019 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

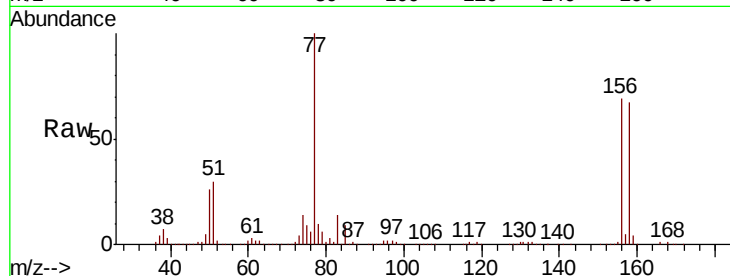
Tgt Ion:156 Resp: 155036

Ion Ratio Lower Upper

156 100

77 139.3 66.3 198.7

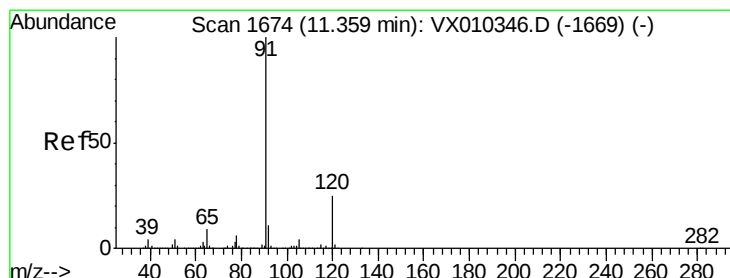
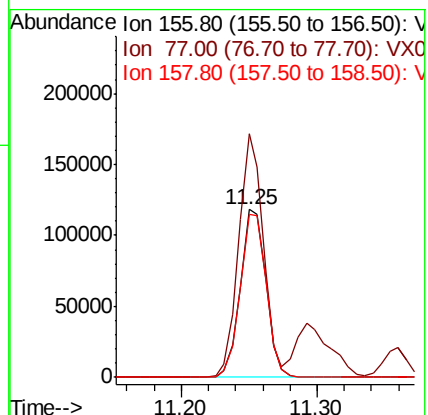
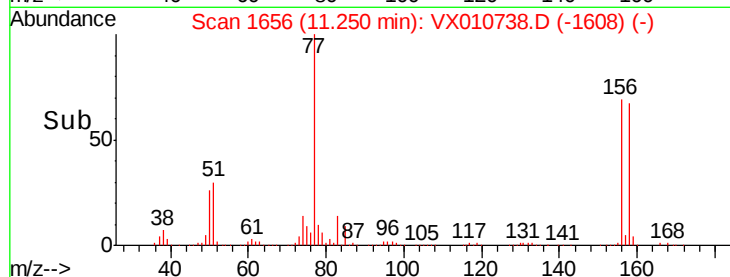
158 98.3 48.9 146.7



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: 53.590 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010738.D

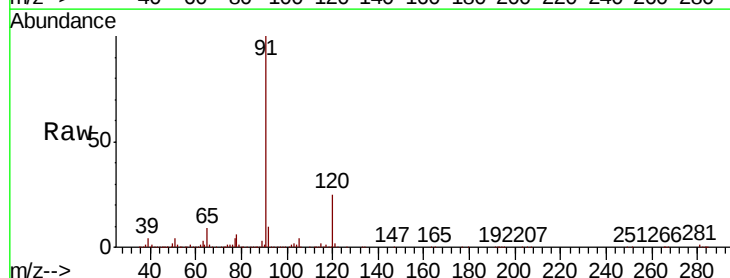
Acq: 09 Jul 2019 09:53

Tgt Ion: 91 Resp: 664634

Ion Ratio Lower Upper

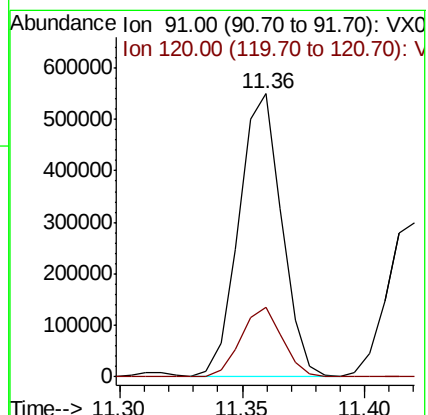
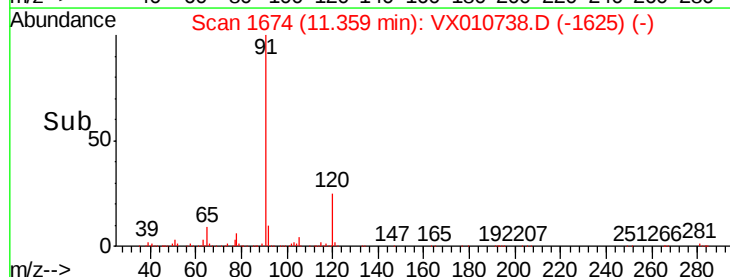
91 100

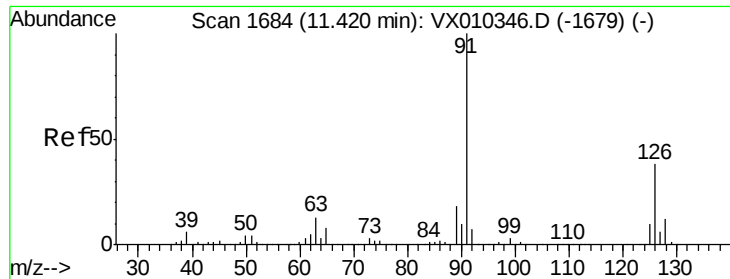
120 24.3 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

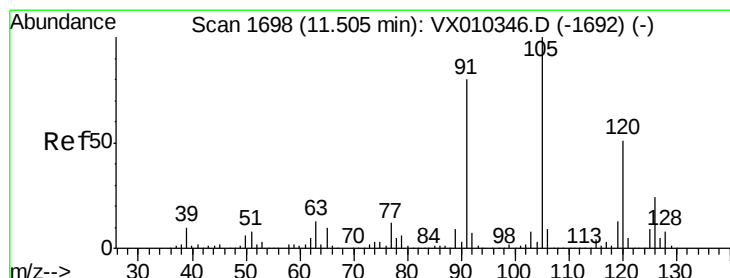
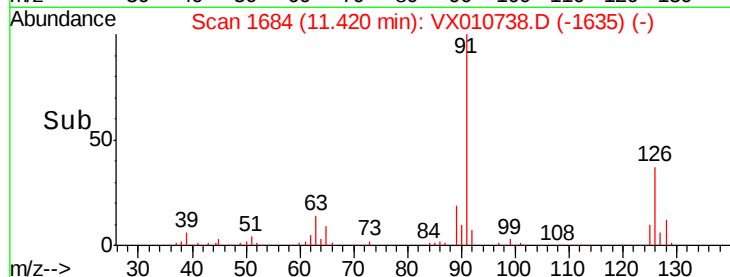
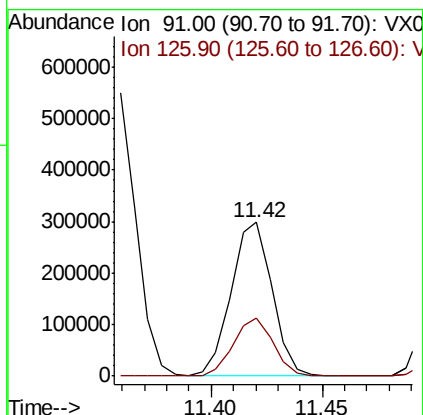
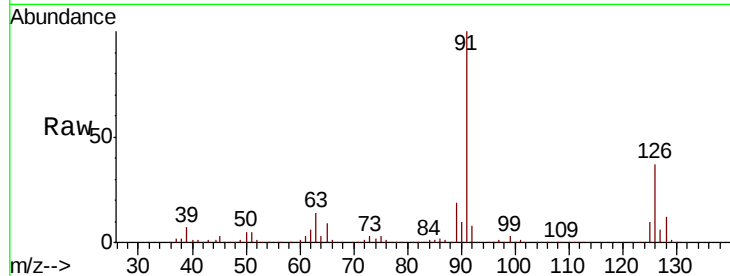




#79
 2-Chlorotoluene
 Concen: 51.602 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX010738.D
 Acq: 09 Jul 2019 09:53

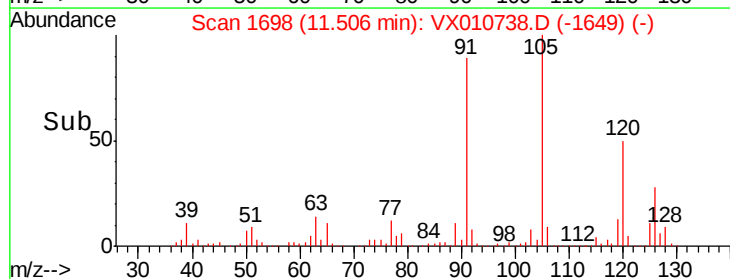
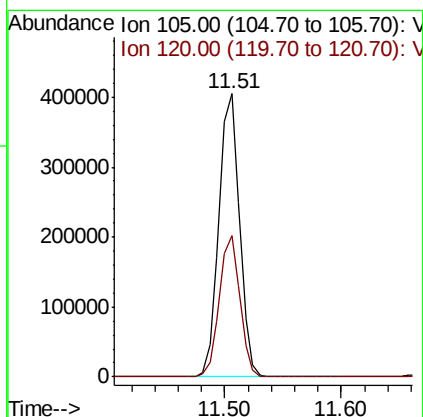
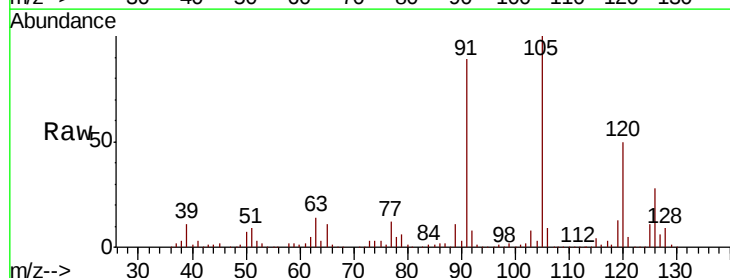
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

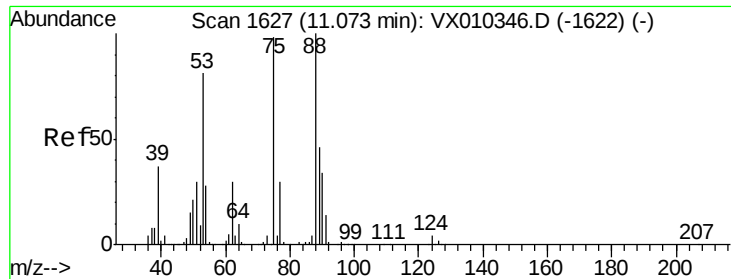
Tgt Ion: 91 Resp: 381093
 Ion Ratio Lower Upper
 91 100
 126 37.1 18.7 56.1



#80
 1,3,5-Trimethylbenzene
 Concen: 52.945 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010738.D
 Acq: 09 Jul 2019 09:53

Tgt Ion: 105 Resp: 492537
 Ion Ratio Lower Upper
 105 100
 120 49.8 25.2 75.6

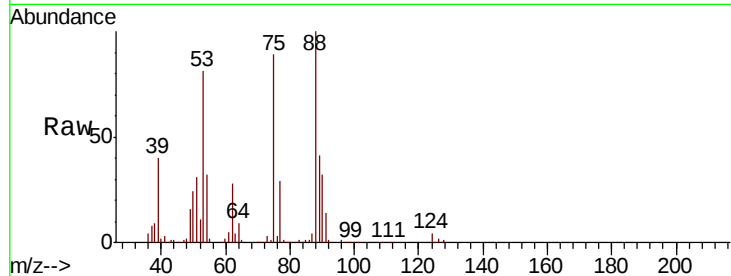




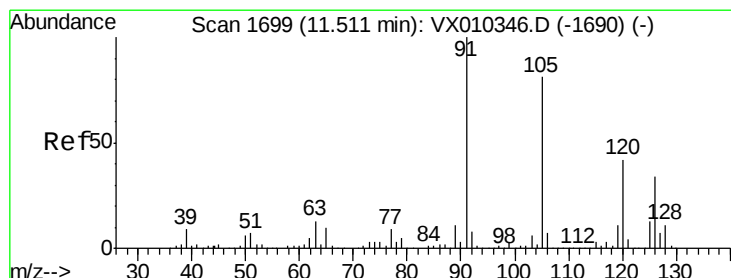
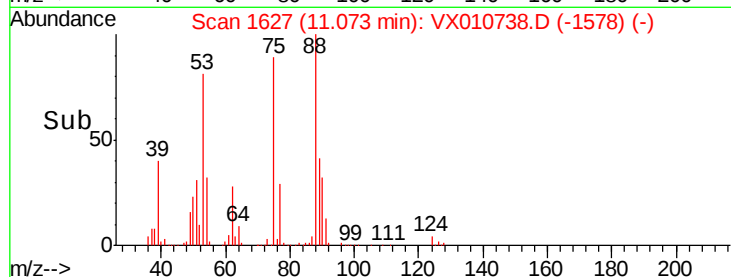
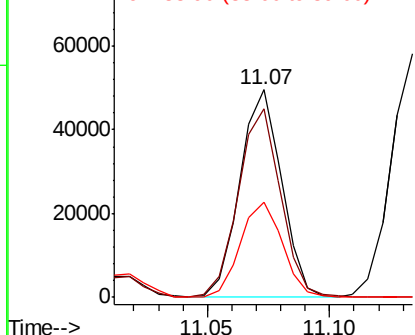
#81
trans-1,4-Dichloro-2-butene
Concen: 45.204 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX010738.D
Acq: 09 Jul 2019 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 58779
Ion Ratio Lower Upper
75 100
53 92.0 66.1 99.1
89 46.4 37.8 56.6

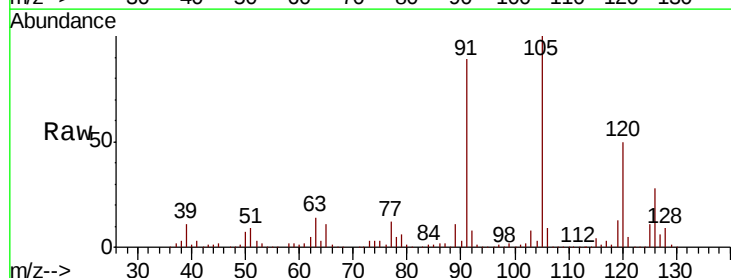


Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0

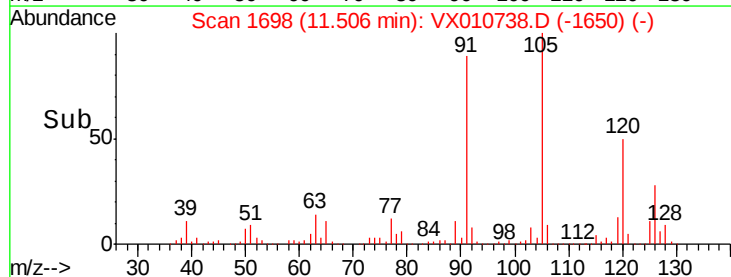
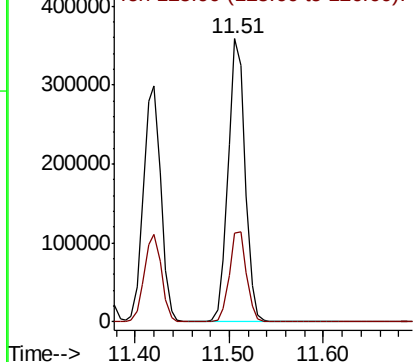


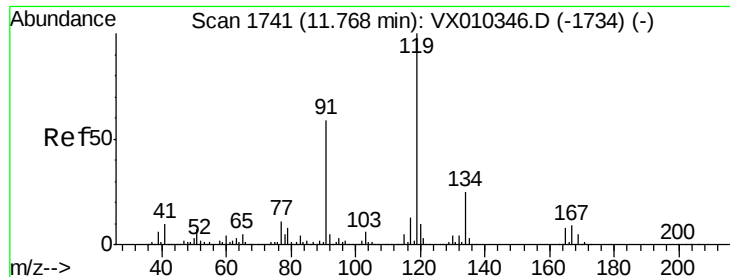
#82
4-Chlorotoluene
Concen: 53.227 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX010738.D
Acq: 09 Jul 2019 09:53

Tgt Ion: 91 Resp: 447302
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

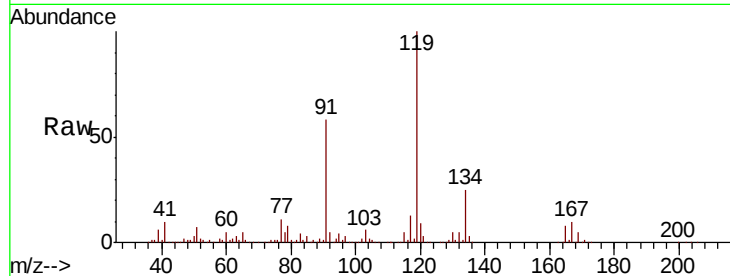




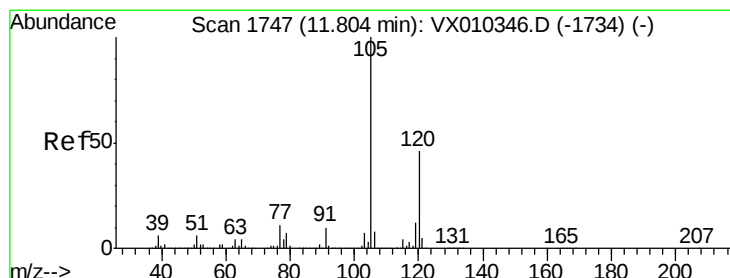
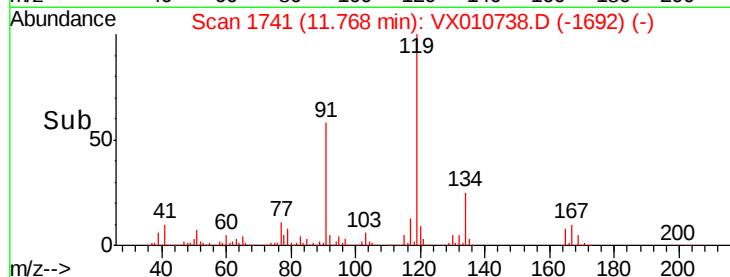
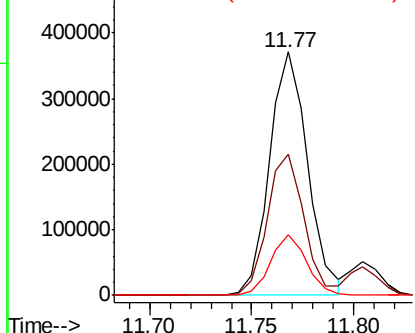
#83
tert-Butylbenzene
Concen: 51.806 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX010738.D
Acq: 09 Jul 2019 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 483717
Ion Ratio Lower Upper
119 100
91 56.5 27.6 82.7
134 23.7 11.8 35.4

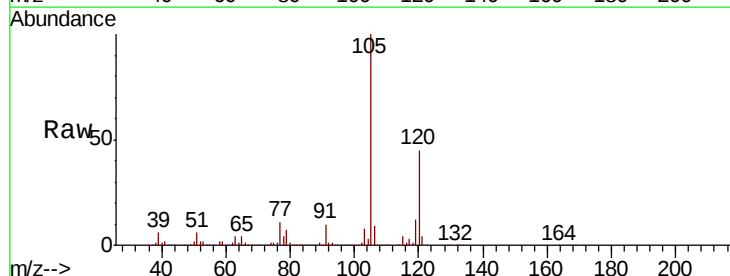


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V

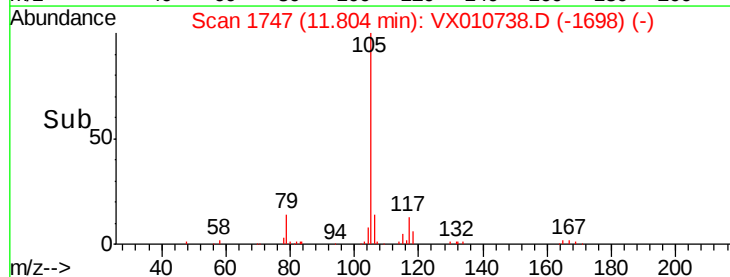
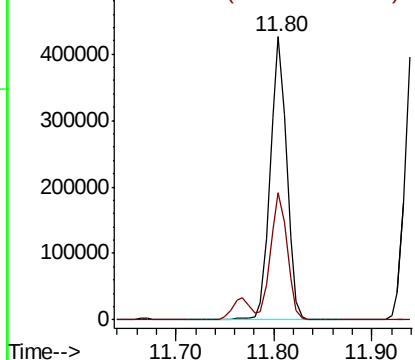


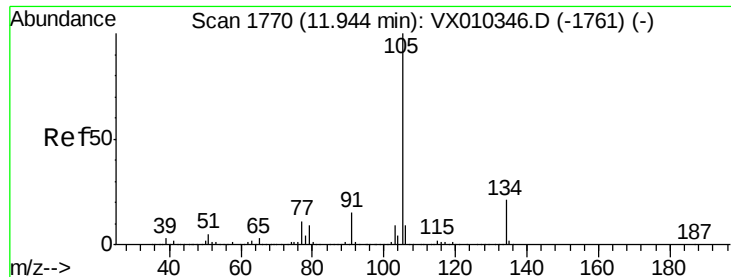
#84
1,2,4-Trimethylbenzene
Concen: 53.191 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX010738.D
Acq: 09 Jul 2019 09:53

Tgt Ion:105 Resp: 497143
Ion Ratio Lower Upper
105 100
120 45.7 23.1 69.2



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





#85

sec-Butylbenzene

Concen: 53.045 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010738.D

Acq: 09 Jul 2019 09:53

Instrument :

MSVOA_X

ClientSampleId :

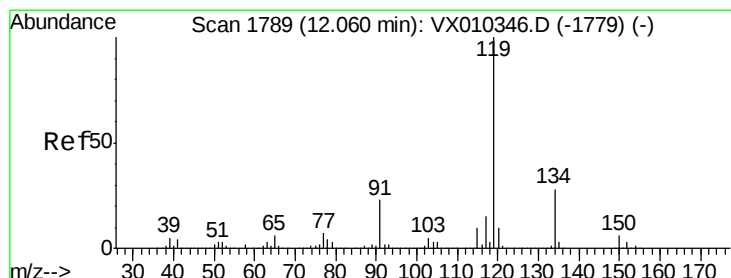
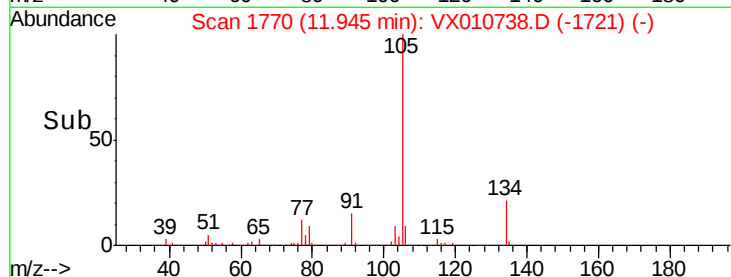
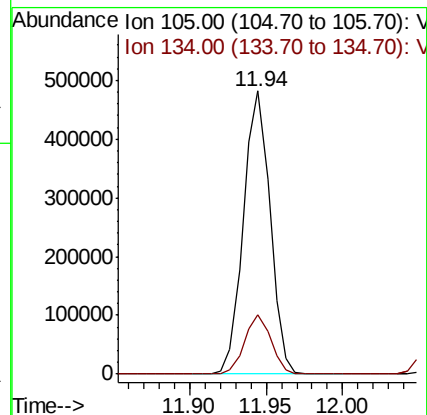
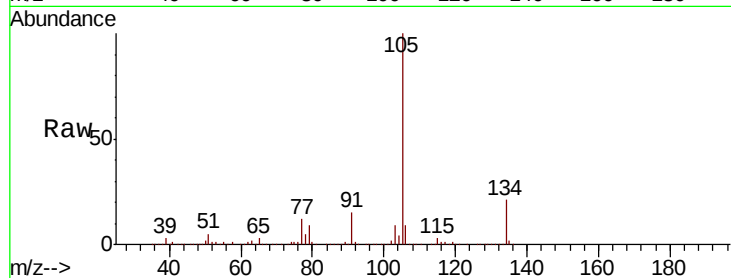
VSTDCCC050

Tgt Ion:105 Resp: 581529

Ion Ratio Lower Upper

105 100

134 21.0 10.7 31.9



#86

p-Isopropyltoluene

Concen: 53.678 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010738.D

Acq: 09 Jul 2019 09:53

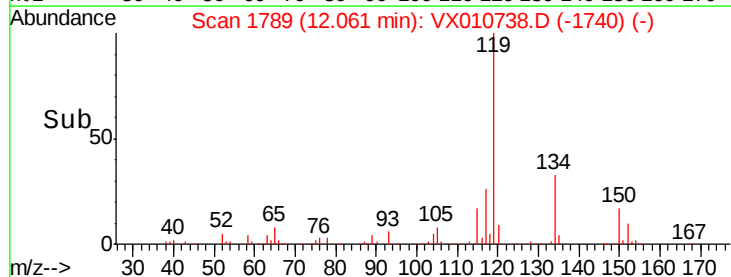
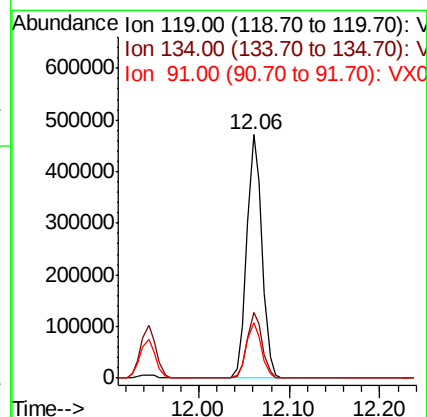
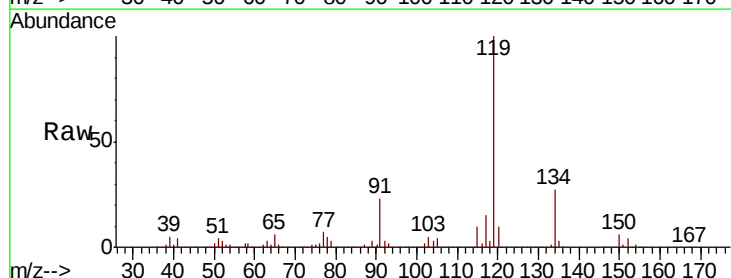
Tgt Ion:119 Resp: 544314

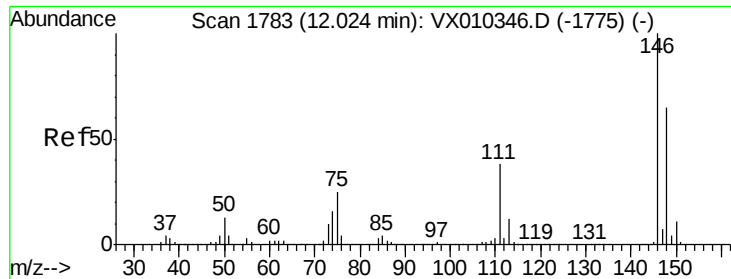
Ion Ratio Lower Upper

119 100

134 27.1 13.7 41.1

91 23.0 11.3 33.8

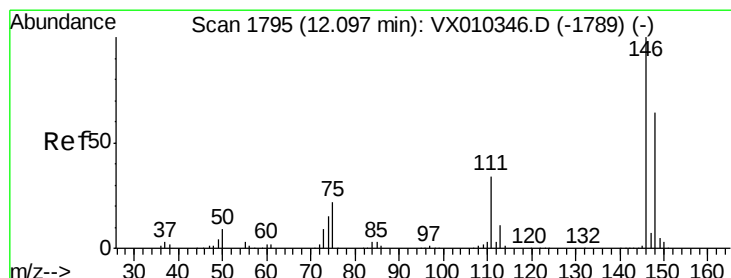
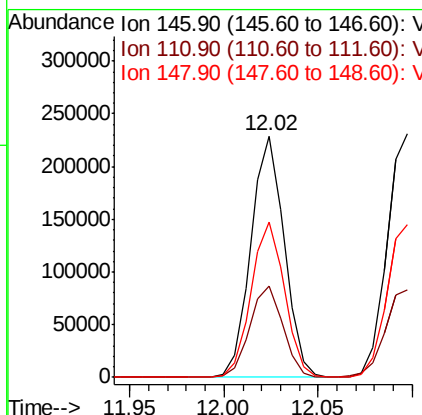
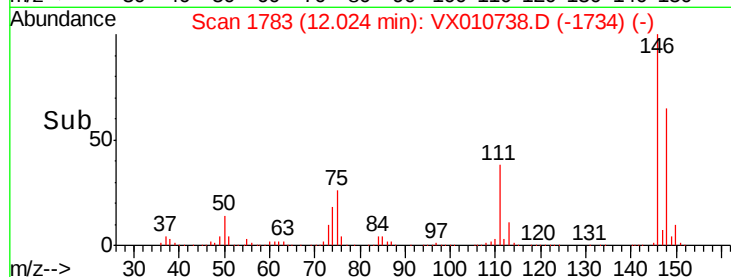
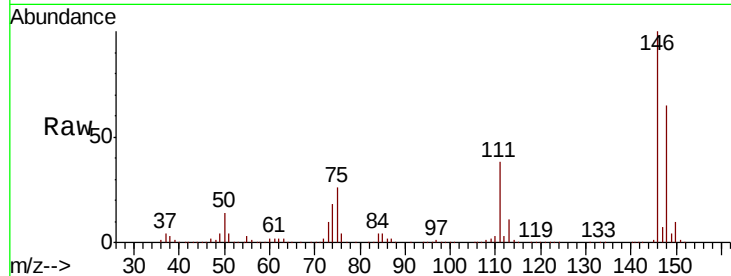




#87
 1,3-Dichlorobenzene
 Concen: 51.035 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010738.D
 Acq: 09 Jul 2019 09:53

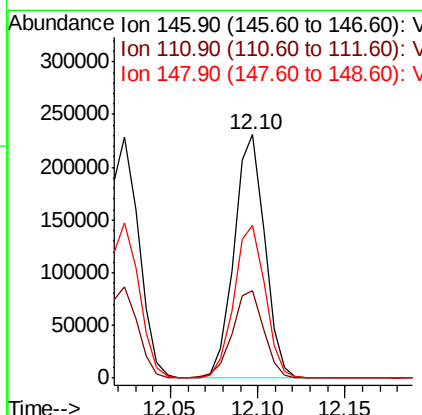
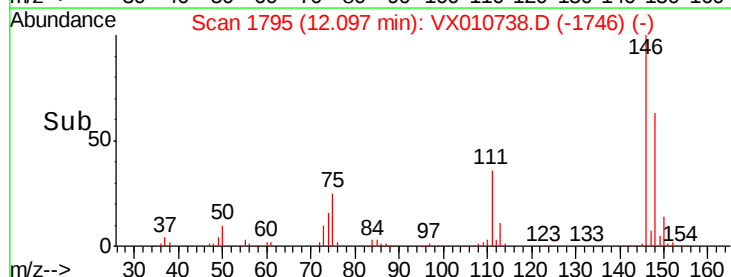
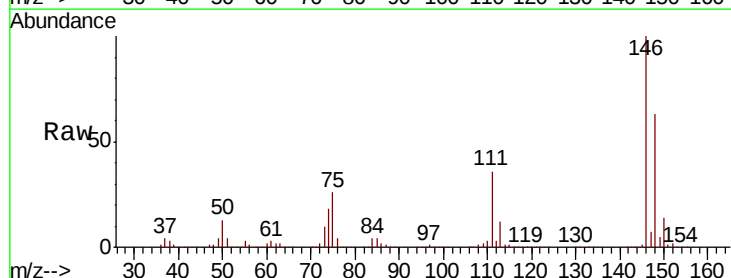
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

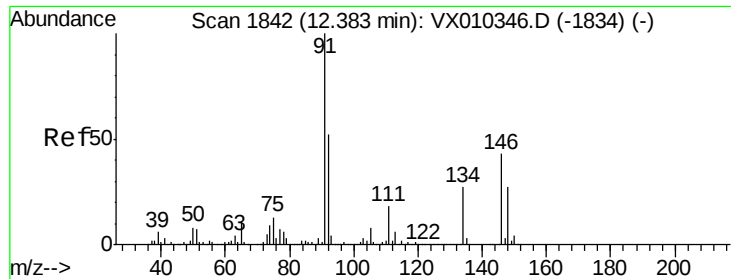
Tgt Ion:146 Resp: 280705
 Ion Ratio Lower Upper
 146 100
 111 37.9 19.1 57.1
 148 64.6 32.5 97.4



#88
 1,4-Dichlorobenzene
 Concen: 50.414 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010738.D
 Acq: 09 Jul 2019 09:53

Tgt Ion:146 Resp: 282293
 Ion Ratio Lower Upper
 146 100
 111 36.9 18.1 54.3
 148 63.9 32.1 96.3

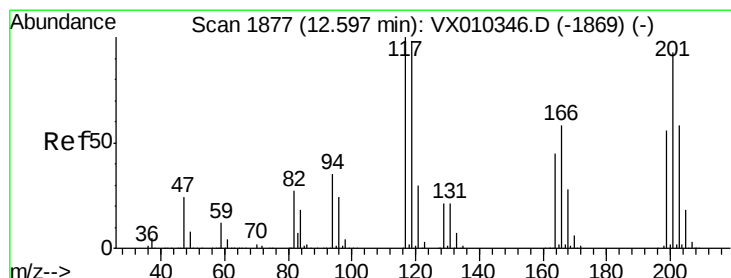
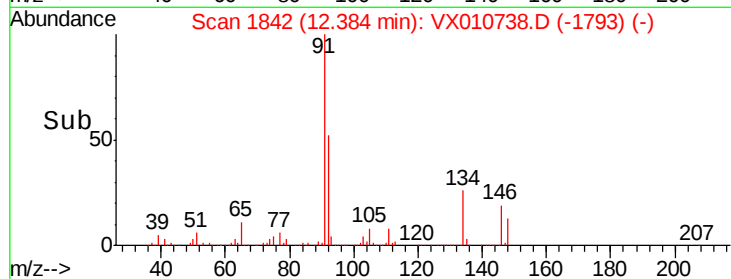
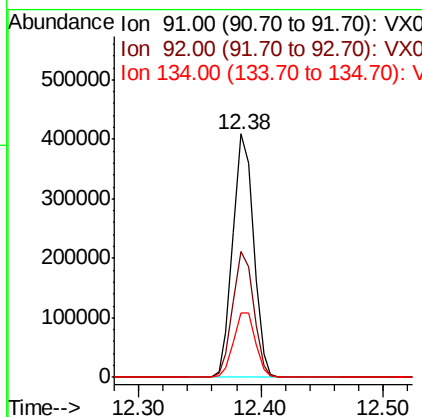
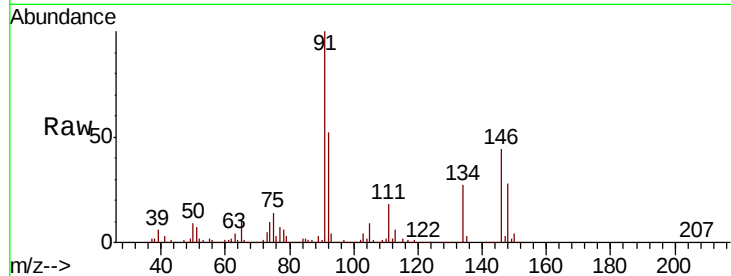




#89
n-Butylbenzene
Concen: 55.728 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010738.D
Acq: 09 Jul 2019 09:53

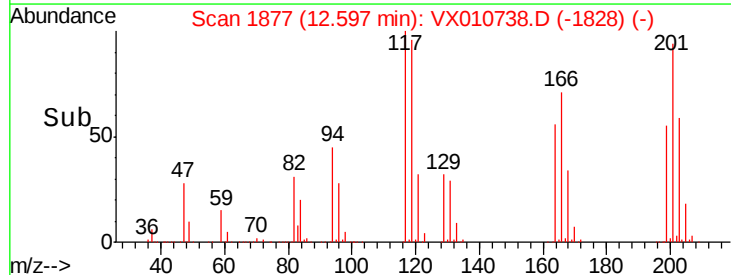
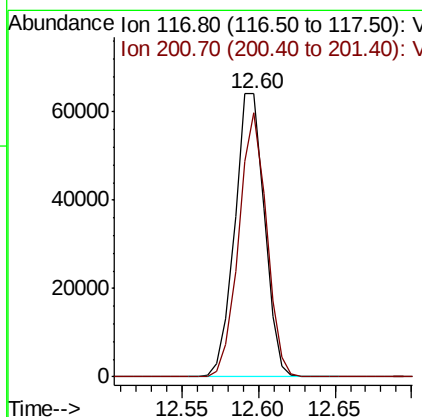
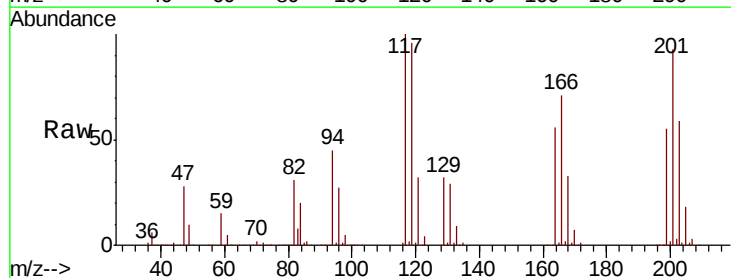
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

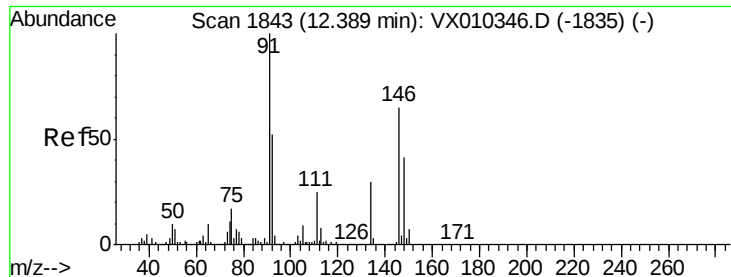
Tgt Ion: 91 Resp: 480199
Ion Ratio Lower Upper
91 100
92 52.2 26.2 78.5
134 27.7 14.1 42.4



#90
Hexachloroethane
Concen: 49.237 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX010738.D
Acq: 09 Jul 2019 09:53

Tgt Ion: 117 Resp: 86332
Ion Ratio Lower Upper
117 100
201 87.1 44.0 131.8





#91

1,2-Dichlorobenzene

Concen: 49.998 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX010738.D

Acq: 09 Jul 2019 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

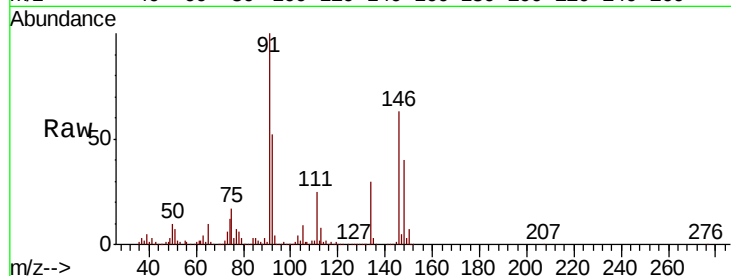
Tgt Ion:146 Resp: 273314

Ion Ratio Lower Upper

146 100

111 39.5 19.2 57.6

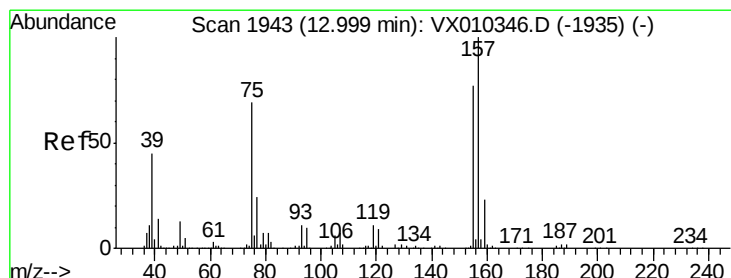
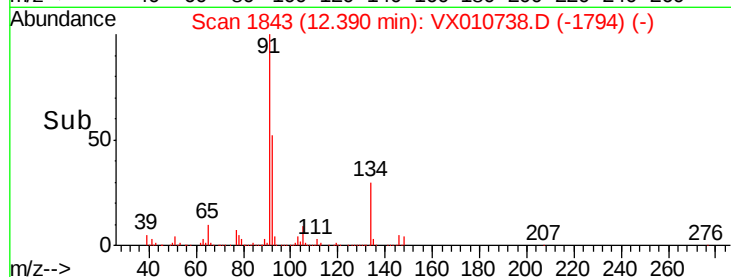
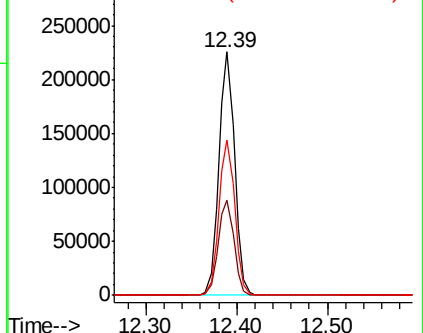
148 64.2 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.396 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX010738.D

Acq: 09 Jul 2019 09:53

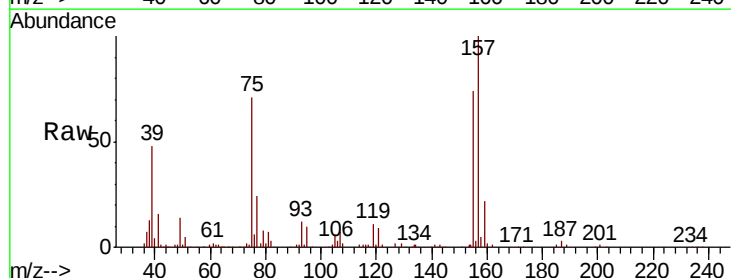
Tgt Ion: 75 Resp: 38189

Ion Ratio Lower Upper

75 100

155 100.2 54.4 163.1

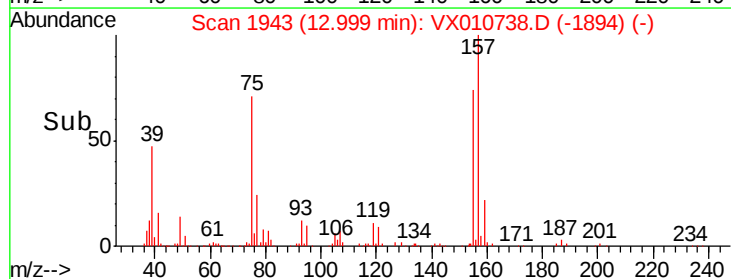
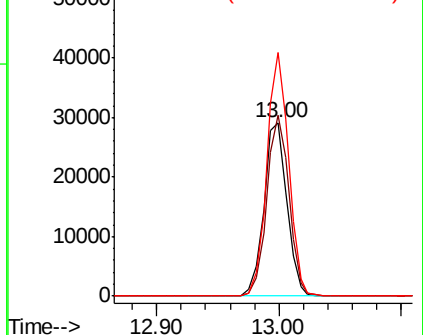
157 131.9 69.5 208.3

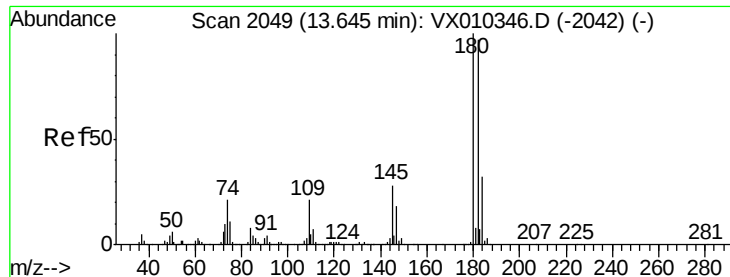


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

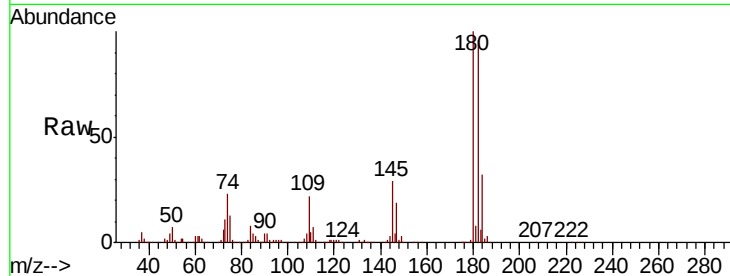




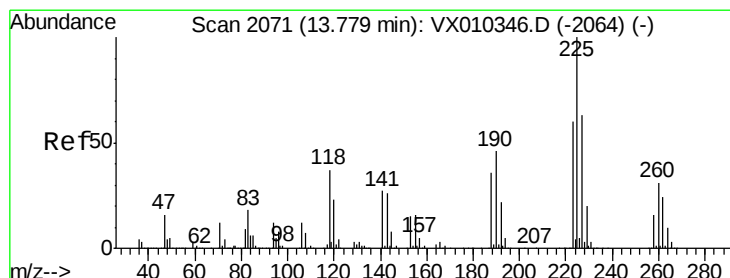
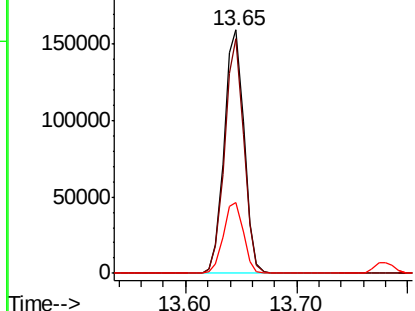
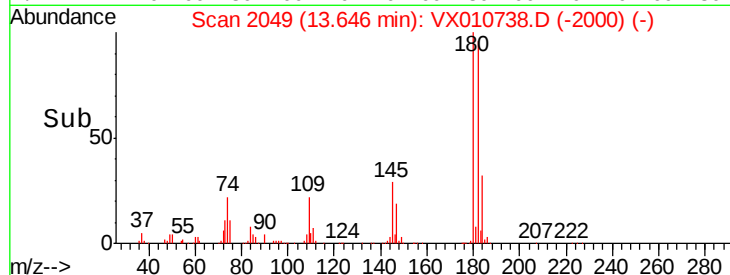
#93
 1,2,4-Trichlorobenzene
 Concen: 51.852 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX010738.D
 Acq: 09 Jul 2019 09:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:180 Resp: 196569
 Ion Ratio Lower Upper
 180 100
 182 93.2 48.0 144.0
 145 29.6 14.4 43.4

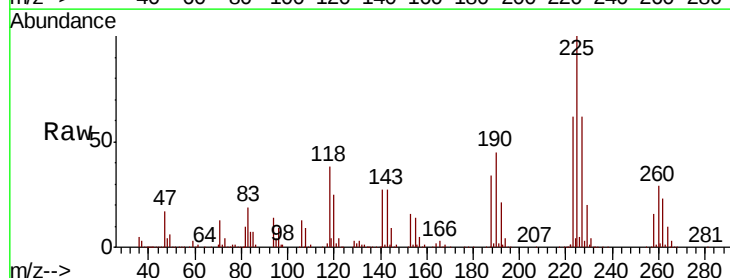


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

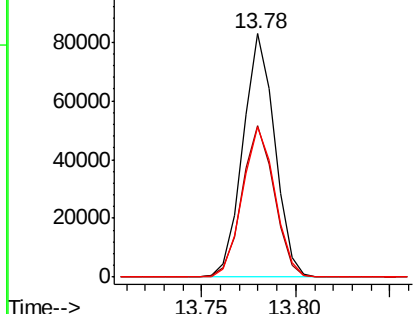
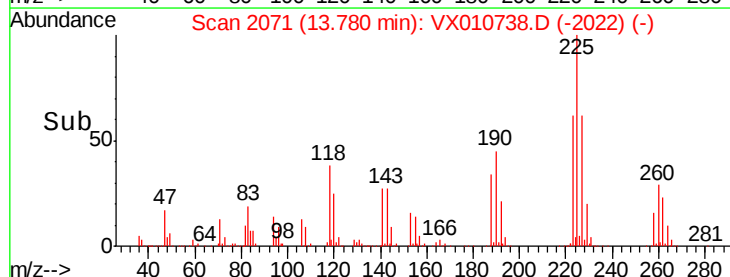


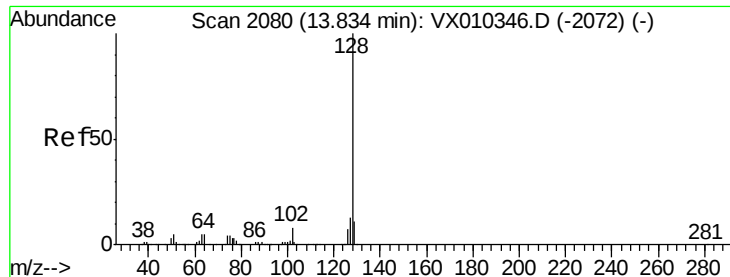
#94
 Hexachlorobutadiene
 Concen: 52.402 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX010738.D
 Acq: 09 Jul 2019 09:53

Tgt Ion:225 Resp: 97088
 Ion Ratio Lower Upper
 225 100
 223 62.7 30.9 92.7
 227 63.2 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

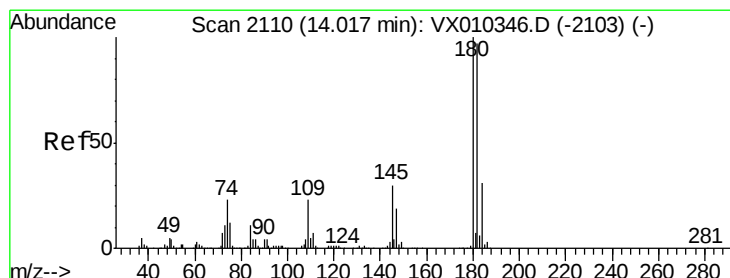
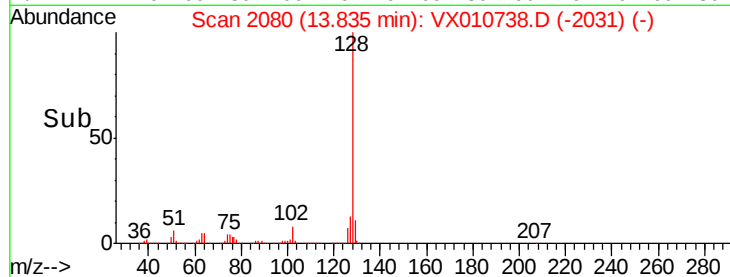
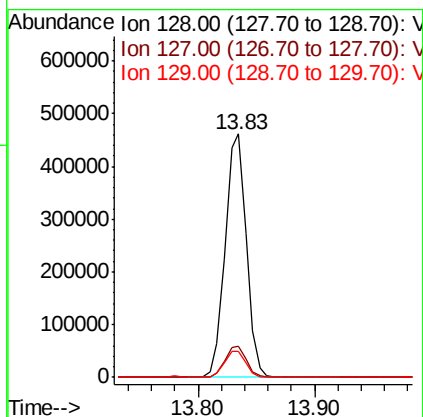
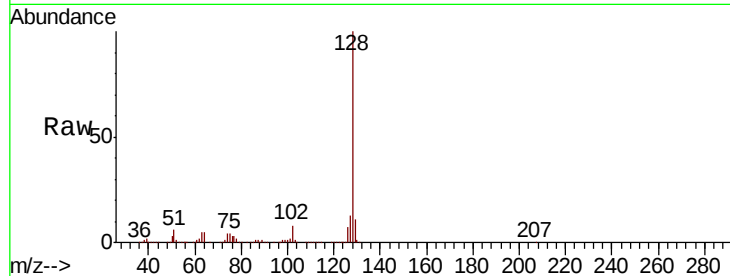




#95
Naphthalene
Concen: 49.650 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010738.D
Acq: 09 Jul 2019 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 578406
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 11.2 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 51.505 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX010738.D
Acq: 09 Jul 2019 09:53

Tgt Ion:180 Resp: 194133
Ion Ratio Lower Upper
180 100
182 94.2 47.8 143.3
145 30.9 15.2 45.6

