

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062819\
 Data File : VX010552.D
 Acq On : 28 Jun 2019 22:24
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 29 04:43:07 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	224493	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	341535	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	311916	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	159706	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	107681	51.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.32%	
35) Dibromofluoromethane	5.50	113	104786	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	
50) Toluene-d8	8.71	98	393067	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	
62) 4-Bromofluorobenzene	11.13	95	141970	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	65747	42.126	ug/l	100
3) Chloromethane	1.32	50	76825	42.272	ug/l	99
4) Vinyl Chloride	1.41	62	84685	42.543	ug/l	99
5) Bromomethane	1.64	94	47605	49.089	ug/l	100
6) Chloroethane	1.71	64	57110	48.629	ug/l	97
7) Trichlorofluoromethane	1.93	101	148705	47.125	ug/l	97
8) Diethyl Ether	2.19	74	54119	47.824	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	86091	45.020	ug/l	99
10) Methyl Iodide	2.51	142	128834	47.208	ug/l	98
11) Tert butyl alcohol	3.05	59	129152	234.494	ug/l	100
12) 1,1-Dichloroethene	2.37	96	87181	44.803	ug/l	99
13) Acrolein	2.29	56	104423	285.803	ug/l	99
14) Allyl chloride	2.73	41	126516	45.797	ug/l	99
15) Acrylonitrile	3.14	53	270351	247.924	ug/l	100
16) Acetone	2.45	43	224838	213.140	ug/l	99
17) Carbon Disulfide	2.57	76	198572	38.037	ug/l	99
18) Methyl Acetate	2.78	43	105341	50.104	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	293300	47.913	ug/l	98
20) Methylene Chloride	2.85	84	102073	47.019	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	94003	44.918	ug/l	98
22) Diisopropyl ether	3.85	45	280058	48.487	ug/l	96
23) Vinyl Acetate	3.81	43	1213463	243.192	ug/l	98
24) 1,1-Dichloroethane	3.70	63	158898	47.593	ug/l	100
25) 2-Butanone	4.68	43	369276	238.646	ug/l	98
26) 2,2-Dichloropropane	4.58	77	109271	37.676	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	113745	47.033	ug/l	97
28) Bromochloromethane	5.01	49	81636	51.142	ug/l	97
29) Tetrahydrofuran	5.13	42	237233	247.515	ug/l	99
30) Chloroform	5.21	83	173229	48.223	ug/l	99
31) Cyclohexane	5.58	56	135576	44.593	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	148753	46.897	ug/l	99
36) 1,1-Dichloropropene	5.80	75	118489	43.658	ug/l	99
37) Ethyl Acetate	4.84	43	138028	49.436	ug/l	98
38) Carbon Tetrachloride	5.79	117	129199	43.961	ug/l	99

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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	152260	42.680	ug/l	99
40) Benzene	6.14	78	392299	46.396	ug/l	99
41) Methacrylonitrile	5.04	41	74093	48.365	ug/l	98
42) 1,2-Dichloroethane	6.19	62	125898	48.914	ug/l	99
43) Isopropyl Acetate	6.45	43	221711	47.995	ug/l	99
44) Trichloroethene	7.21	130	115324	45.581	ug/l	96
45) 1,2-Dichloropropane	7.51	63	99022	46.375	ug/l	100
46) Dibromomethane	7.66	93	71748	46.833	ug/l	97
47) Bromodichloromethane	7.90	83	129627	46.171	ug/l	99
48) Methyl methacrylate	7.77	41	105146	48.969	ug/l	99
49) 1,4-Dioxane	7.74	88	60892	984.434	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	739933	250.450	ug/l	98
52) Toluene	8.78	92	254998	45.795	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	138423	43.976	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	155058	45.330	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	110885	48.285	ug/l	98
56) Ethyl methacrylate	9.18	69	165837	47.670	ug/l	98
57) 1,3-Dichloropropane	9.37	76	170269	47.764	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	410069	248.197	ug/l	100
59) 2-Hexanone	9.49	43	568465	244.476	ug/l	98
60) Dibromochloromethane	9.58	129	117466	45.684	ug/l	99
61) 1,2-Dibromoethane	9.67	107	116665	47.066	ug/l	99
64) Tetrachloroethene	9.34	164	117737	46.668	ug/l	99
65) Chlorobenzene	10.13	112	293125	46.289	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	107509	46.609	ug/l	98
67) Ethyl Benzene	10.25	91	498072	46.590	ug/l	99
68) m/p-Xylenes	10.36	106	386063	93.199	ug/l	100
69) o-Xylene	10.69	106	191283	46.956	ug/l	97
70) Styrene	10.71	104	325280	47.614	ug/l	99
71) Bromoform	10.85	173	88981	44.360	ug/l #	99
73) Isopropylbenzene	11.02	105	503139	46.475	ug/l	99
74) N-amyl acetate	10.90	43	199757	48.823	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	169072	47.157	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	184820	63.506	ug/l	81
77) Bromobenzene	11.26	156	138147	45.699	ug/l	100
78) n-propylbenzene	11.36	91	560006	47.066	ug/l	99
79) 2-Chlorotoluene	11.42	91	330269	46.614	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	418473	46.889	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	49320	39.535	ug/l	94
82) 4-Chlorotoluene	11.51	91	377921	46.876	ug/l	100
83) tert-Butylbenzene	11.77	119	414275	46.248	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	424458	47.337	ug/l	99
85) sec-Butylbenzene	11.94	105	497864	47.336	ug/l	100
86) p-Isopropyltoluene	12.06	119	452221	46.485	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	241659	45.797	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	241330	44.924	ug/l	99
89) n-Butylbenzene	12.38	91	384367	46.496	ug/l	99
90) Hexachloroethane	12.60	117	72051	42.832	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	240332	45.826	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	34559	44.707	ug/l	95

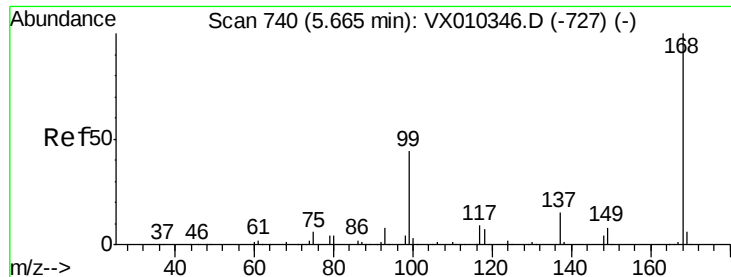
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	166312	45.729	ug/l	98
94) Hexachlorobutadiene	13.78	225	78650	44.248	ug/l	99
95) Naphthalene	13.83	128	530646	47.479	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	168942	46.720	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: VX010552.D

Acq: 28 Jun 2019 22:24

Instrument :

MSVOA_X

ClientSampleId :

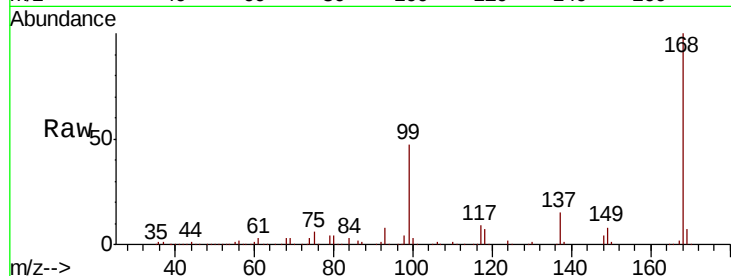
VSTDCCC050

Tot Ion:168 Resp: 224493

Ion Ratio Lower Upper

168 100

99 47.2 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

40000

20000

0

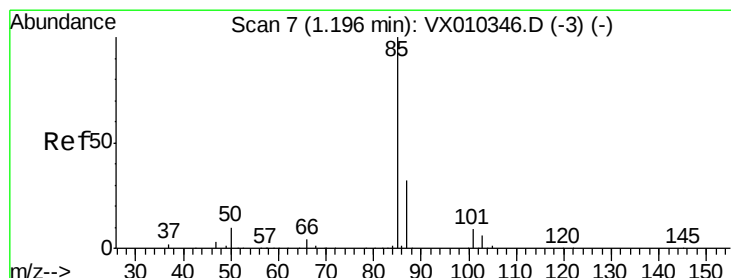
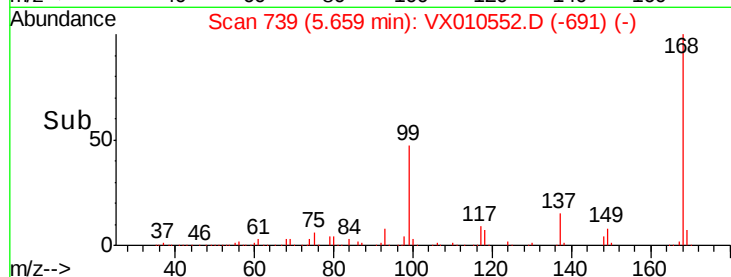
Time-->

5.50

5.60

5.70

5.80



#2

Dichlorodifluoromethane

Concen: 42.126 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010552.D

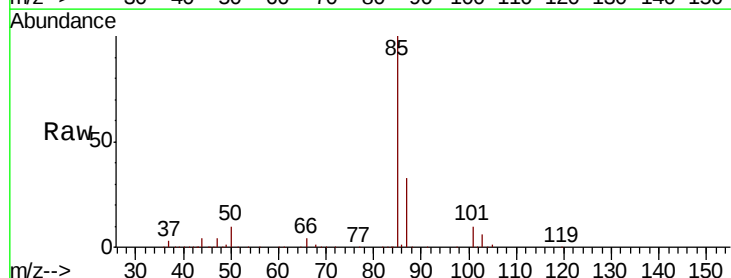
Acq: 28 Jun 2019 22:24

Tgt Ion: 85 Resp: 65747

Ion Ratio Lower Upper

85 100

87 32.6 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80000

60000

40000

20000

0

Time-->

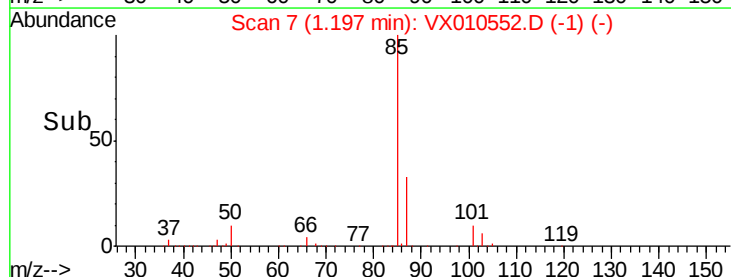
1.15

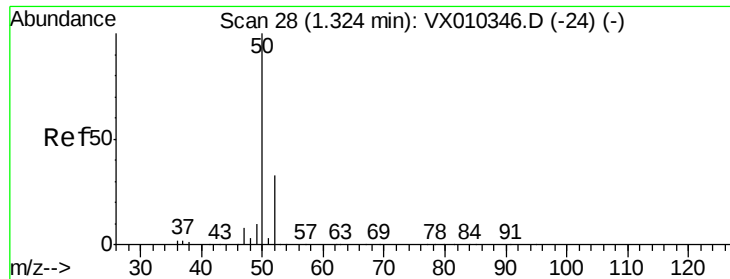
1.20

1.25

1.30

1.35





#3

Chloromethane

Concen: 42.272 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010552.D

Acq: 28 Jun 2019 22:24

Instrument :

MSVOA_X

ClientSampleId :

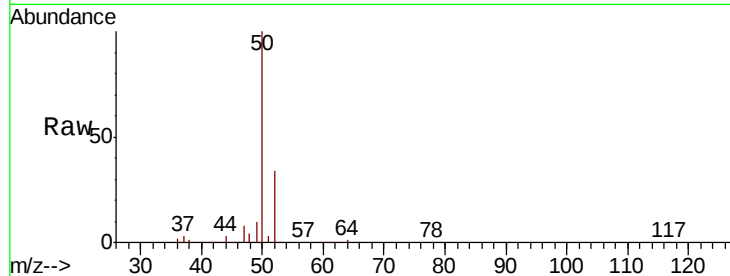
VSTDCCC050

Tot Ion: 50 Resp: 76825

Ion Ratio Lower Upper

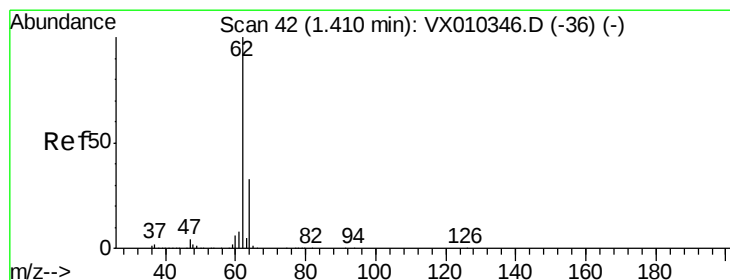
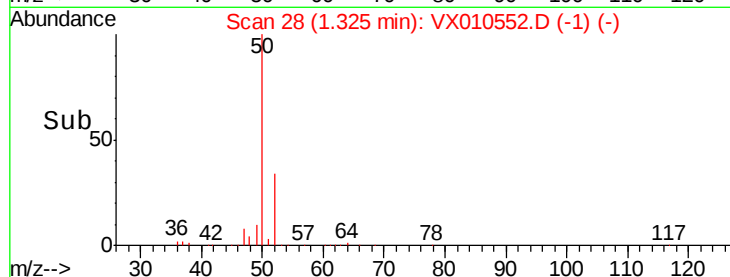
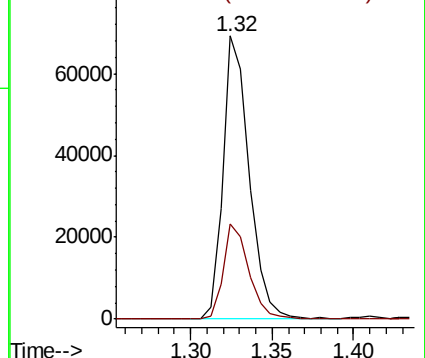
50 100

52 33.6 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: 42.543 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010552.D

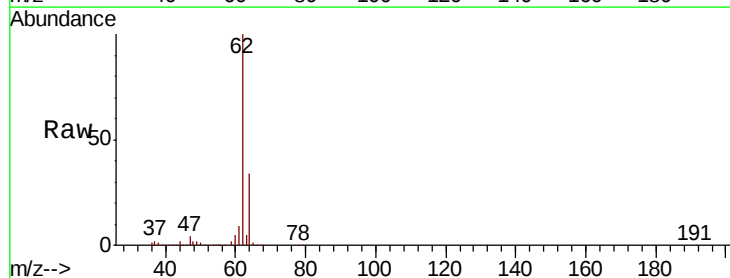
Acq: 28 Jun 2019 22:24

Tgt Ion: 62 Resp: 84685

Ion Ratio Lower Upper

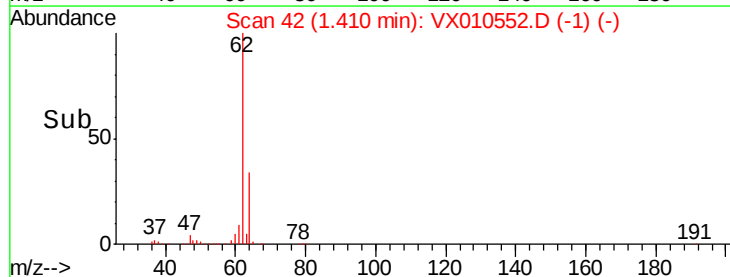
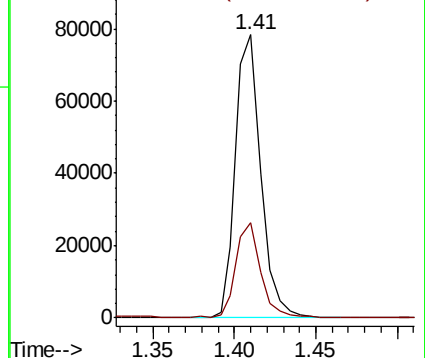
62 100

64 33.4 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: 49.089 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010552.D

Acq: 28 Jun 2019 22:24

Instrument :

MSVOA_X

ClientSampleId :

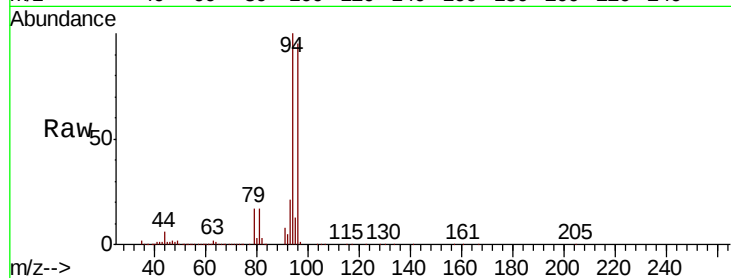
VSTDCCC050

Tot Ion: 94 Resp: 47605

Ion Ratio Lower Upper

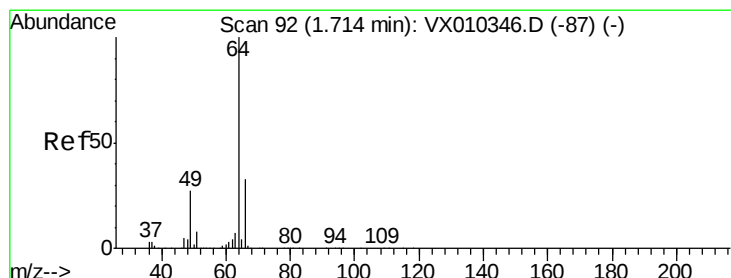
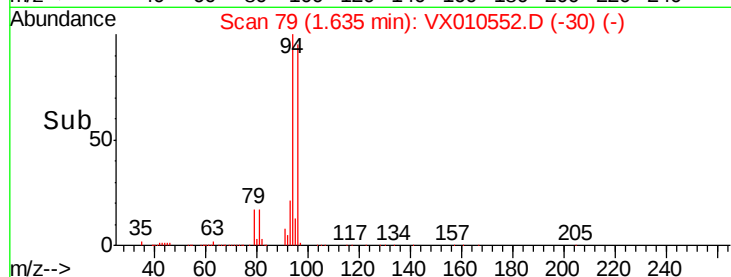
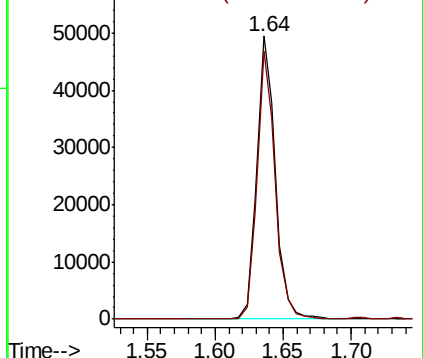
94 100

96 94.9 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: 48.629 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010552.D

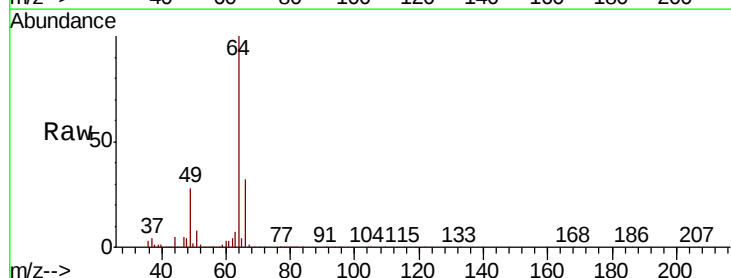
Acq: 28 Jun 2019 22:24

Tgt Ion: 64 Resp: 57110

Ion Ratio Lower Upper

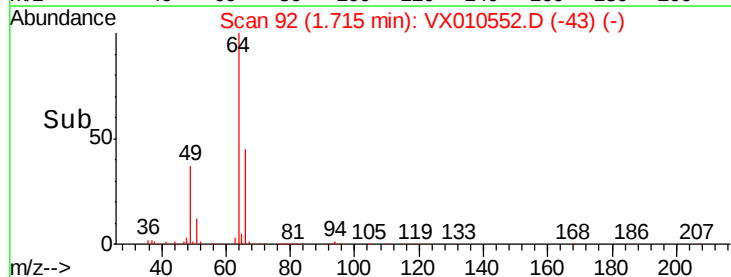
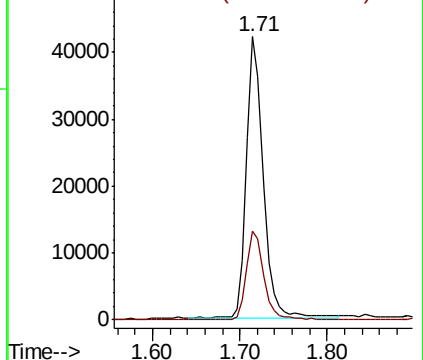
64 100

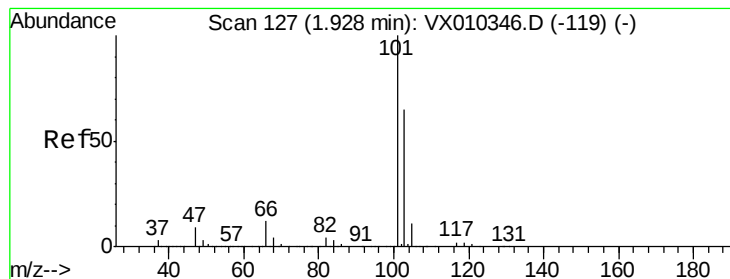
66 31.5 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



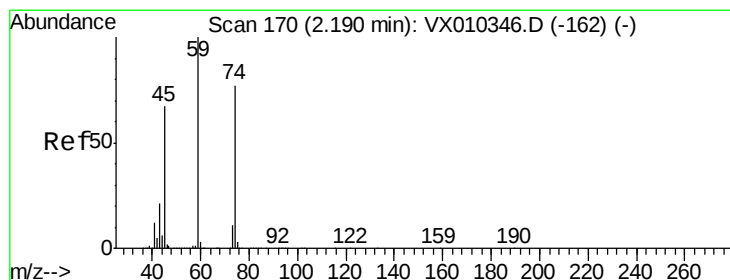
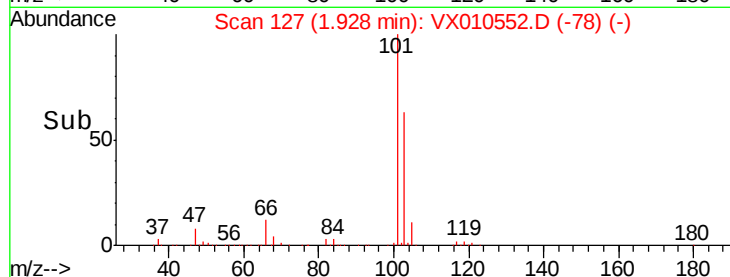
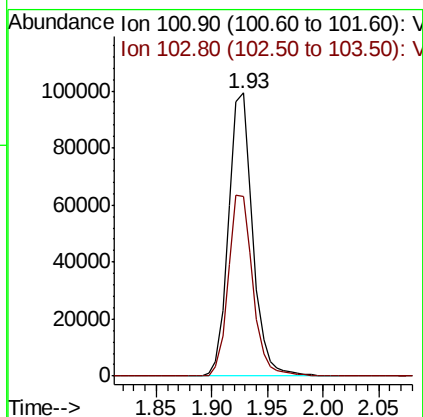
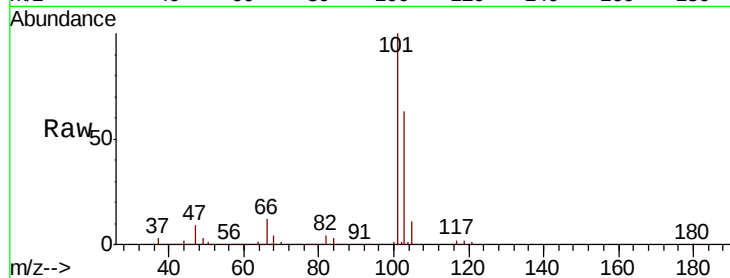


#7

Trichlorofluoromethane
Concen: 47.125 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX010552.D
Acq: 28 Jun 2019 22:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

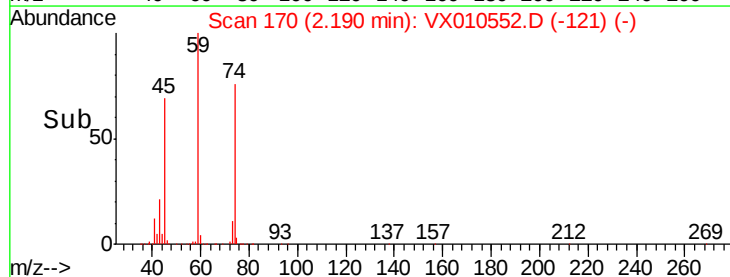
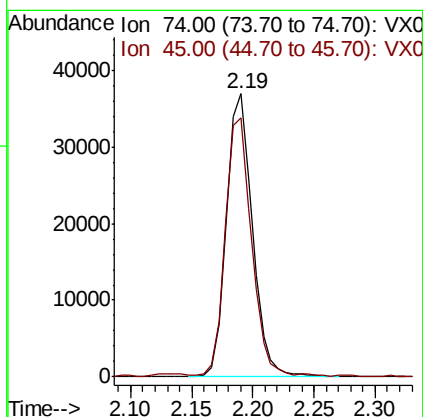
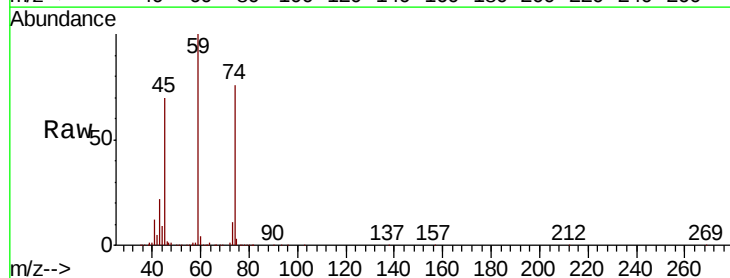
Tot Ion:101 Resp: 148705
Ion Ratio Lower Upper
101 100
103 63.3 52.3 78.5



#8

Diethyl Ether
Concen: 47.824 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX010552.D
Acq: 28 Jun 2019 22:24

Tgt Ion: 74 Resp: 54119
Ion Ratio Lower Upper
74 100
45 91.7 44.8 134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.020 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX010552.D

Acq: 28 Jun 2019 22:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

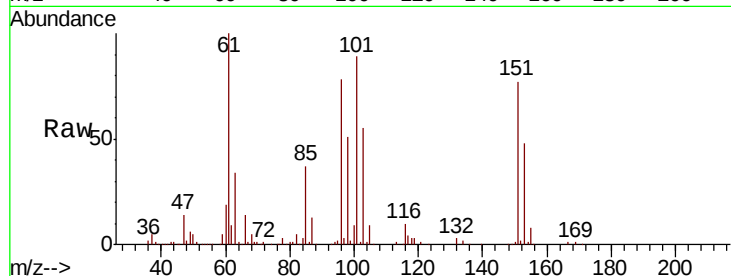
Tot Ion:101 Resp: 86091

Ion Ratio Lower Upper

101 100

85 42.4 33.7 50.5

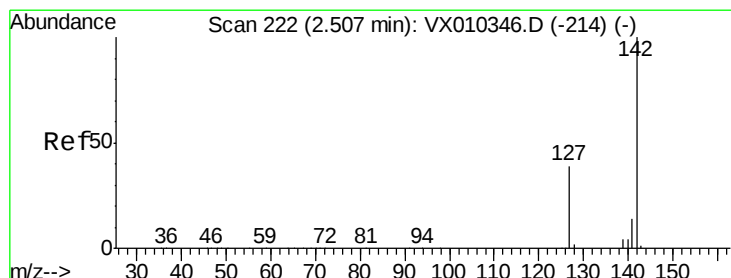
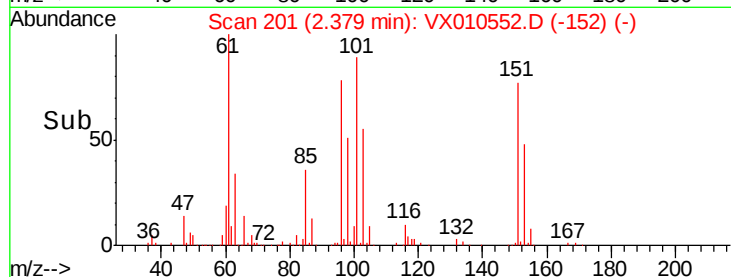
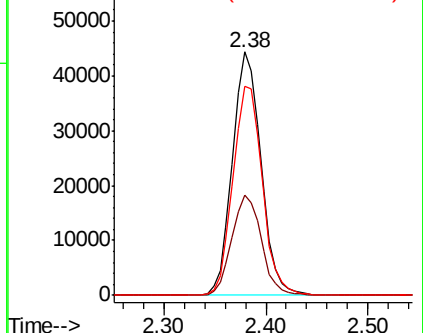
151 88.3 70.1 105.1



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: 47.208 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX010552.D

Acq: 28 Jun 2019 22:24

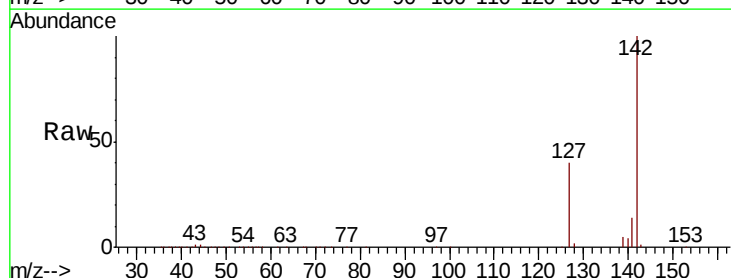
Tgt Ion:142 Resp: 128834

Ion Ratio Lower Upper

142 100

127 40.2 31.1 46.7

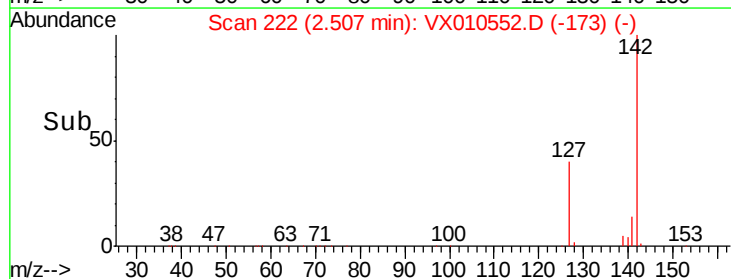
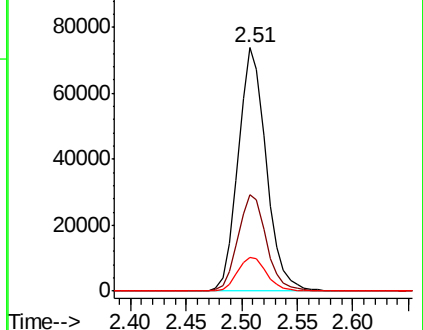
141 14.4 11.2 16.8



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



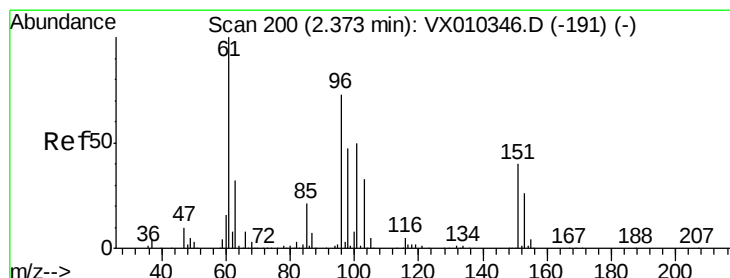
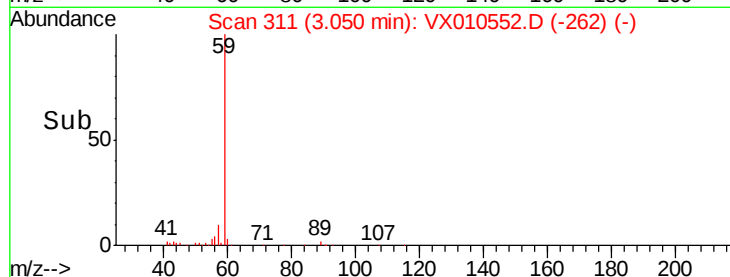
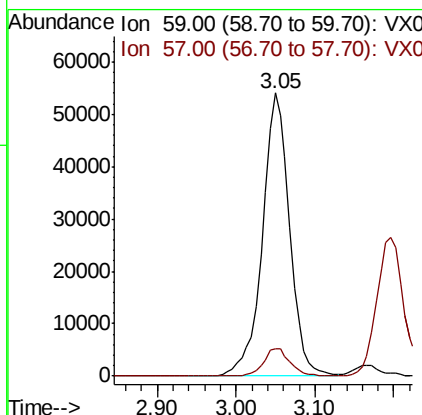
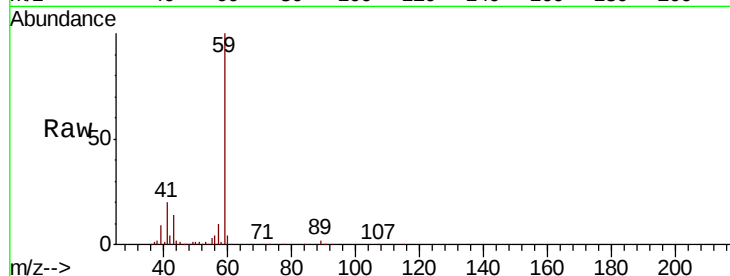


#11

Tert butyl alcohol
Concen: 234.494 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX010552.D
Acq: 28 Jun 2019 22:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

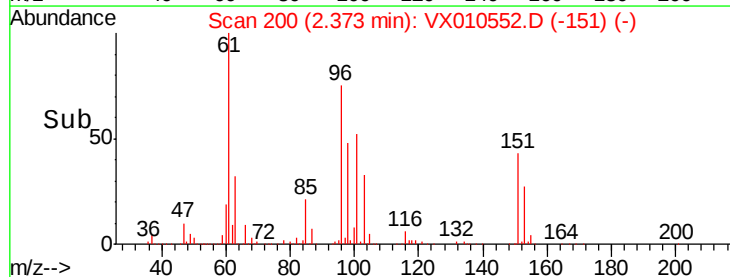
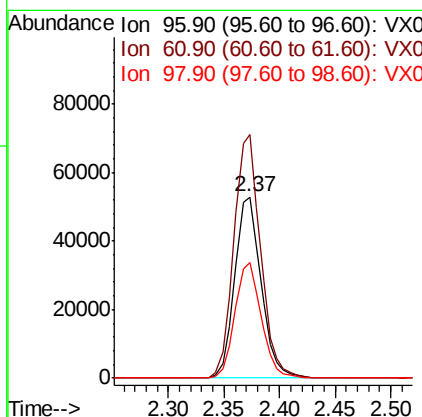
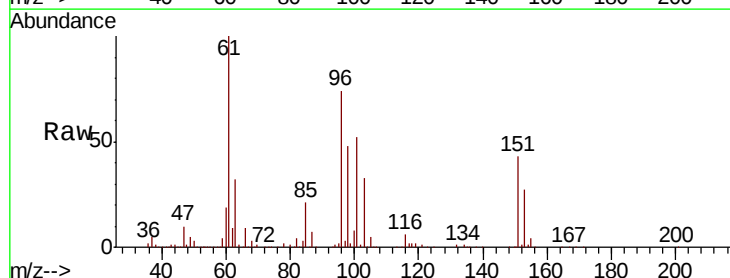
Tot Ion: 59 Resp: 129152
Ion Ratio Lower Upper
59 100
57 9.6 7.7 11.5



#12

1,1-Dichloroethene
Concen: 44.803 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX010552.D
Acq: 28 Jun 2019 22:24

Tgt Ion: 96 Resp: 87181
Ion Ratio Lower Upper
96 100
61 134.4 109.2 163.8
98 63.9 51.1 76.7





#13

Acrolein

Concen: 285.803 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010552.D

Acq: 28 Jun 2019 22:24

Instrument :

MSVOA_X

ClientSampleId :

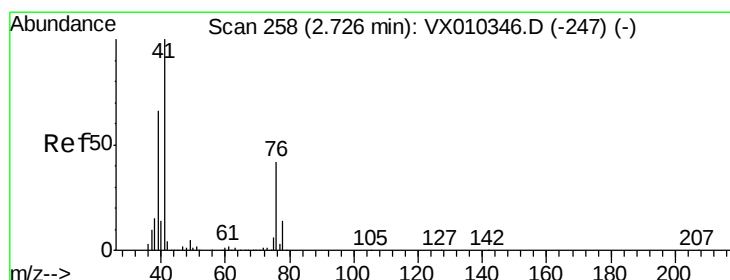
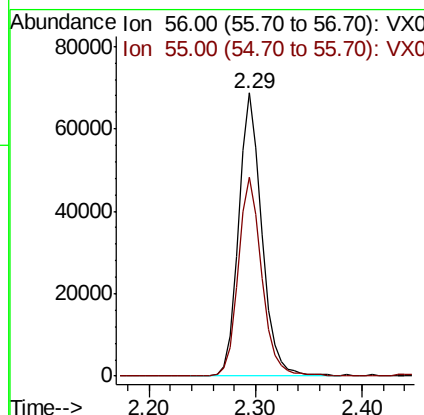
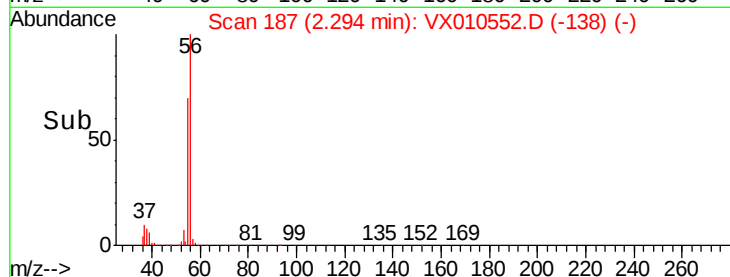
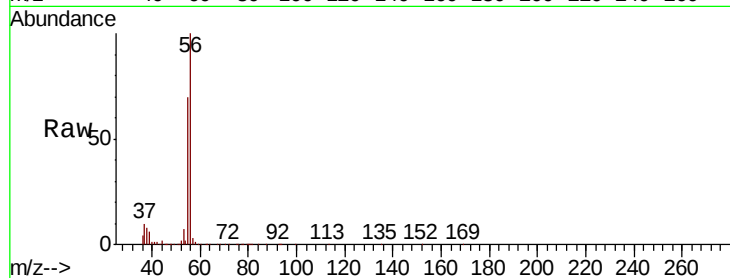
VSTDCCC050

Tot Ion: 56 Resp: 104423

Ion Ratio Lower Upper

56 100

55 72.0 56.9 85.3



#14

Allyl chloride

Concen: 45.797 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010552.D

Acq: 28 Jun 2019 22:24

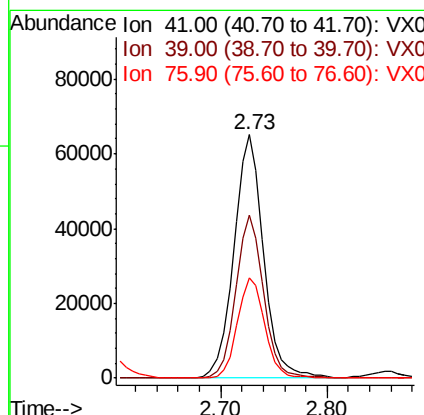
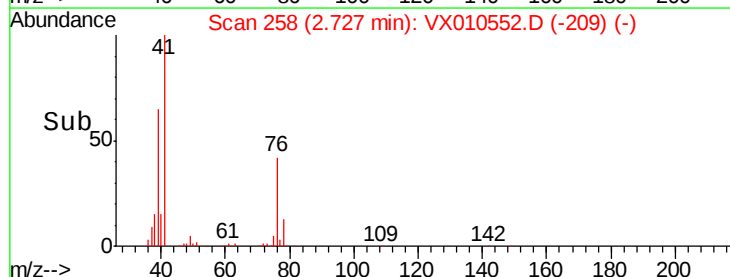
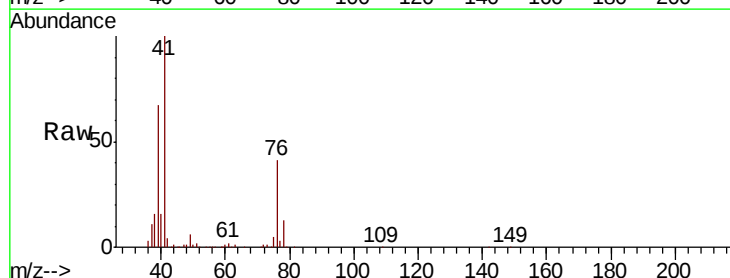
Tgt Ion: 41 Resp: 126516

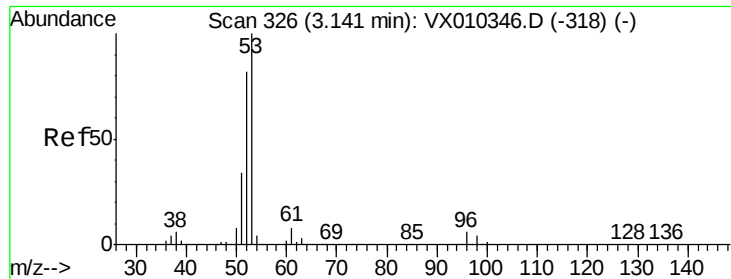
Ion Ratio Lower Upper

41 100

39 62.5 50.3 75.5

76 38.6 31.3 46.9





#15

Acrylonitrile

Concen: 247.924 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010552.D

Acq: 28 Jun 2019 22:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

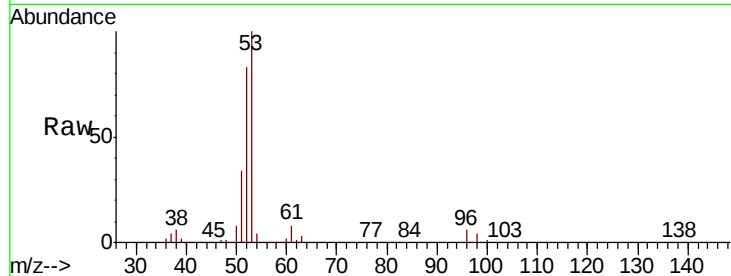
Tot Ion: 53 Resp: 270351

Ion Ratio Lower Upper

53 100

52 82.1 65.5 98.3

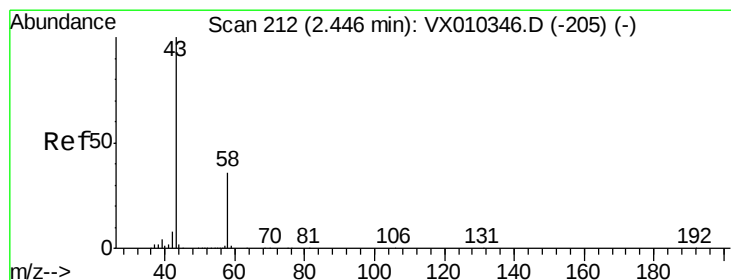
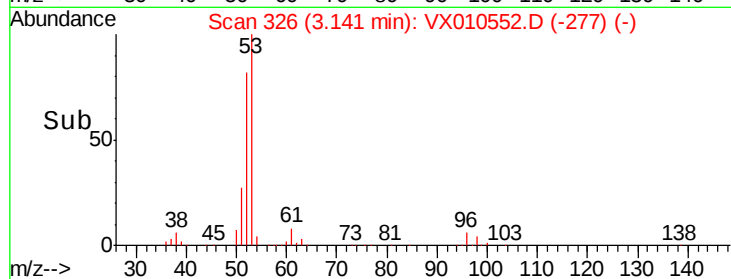
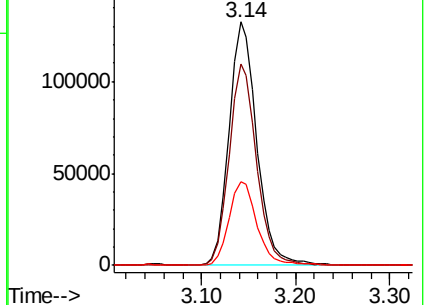
51 35.0 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 213.140 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010552.D

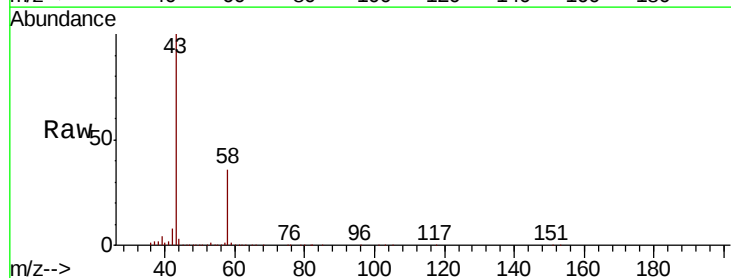
Acq: 28 Jun 2019 22:24

Tgt Ion: 43 Resp: 224838

Ion Ratio Lower Upper

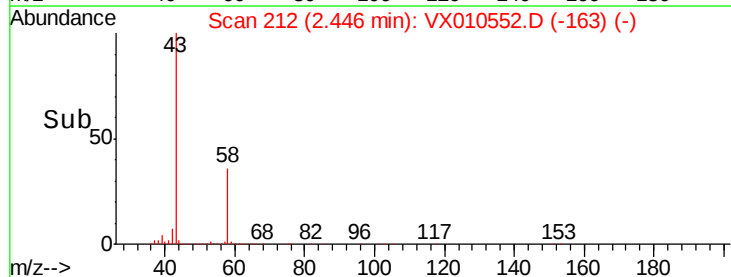
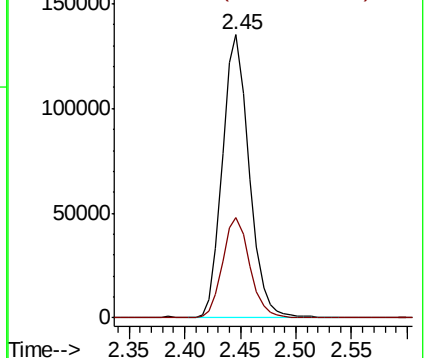
43 100

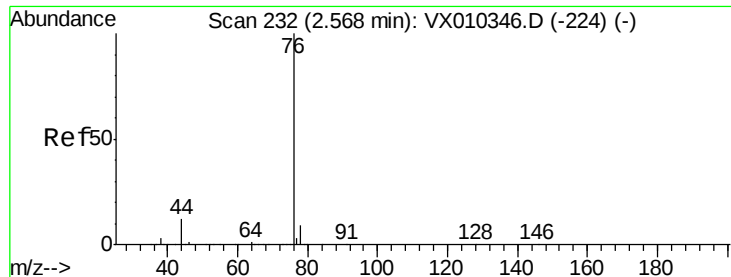
58 35.7 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

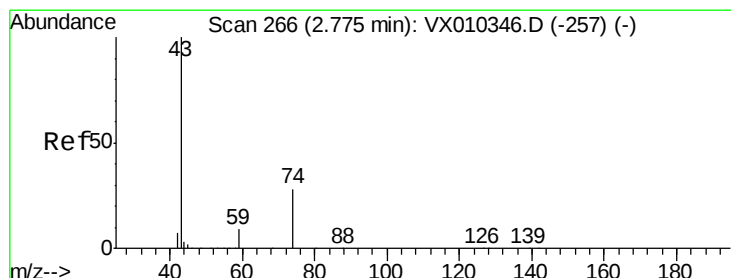
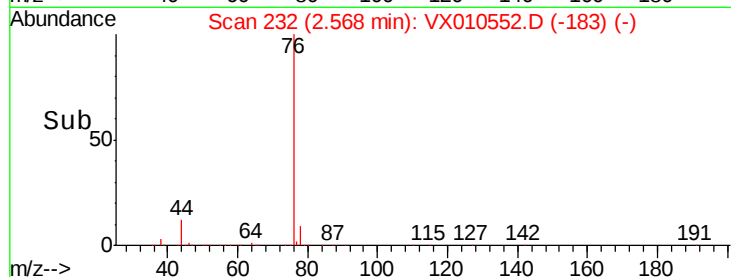
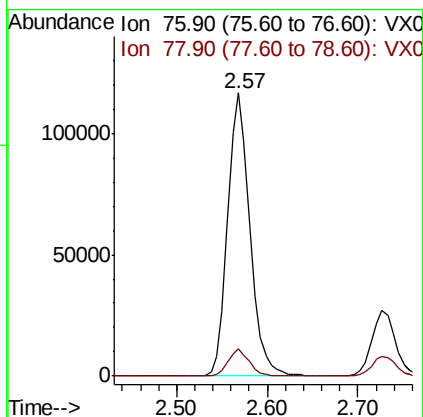
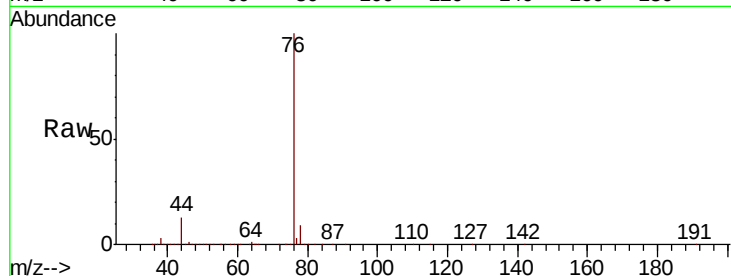




#17
Carbon Disulfide
Concen: 38.037 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010552.D
Acq: 28 Jun 2019 22:24

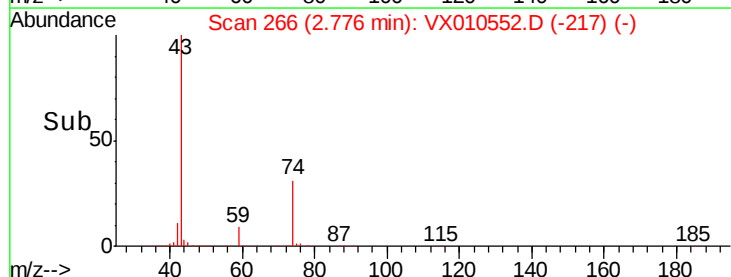
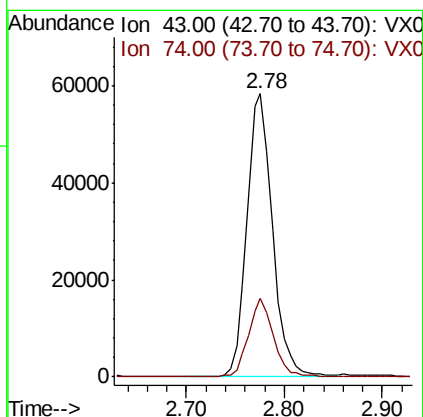
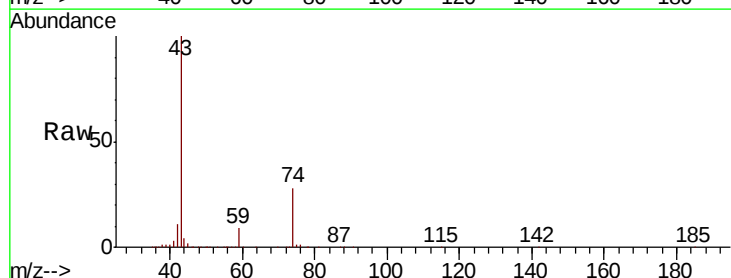
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

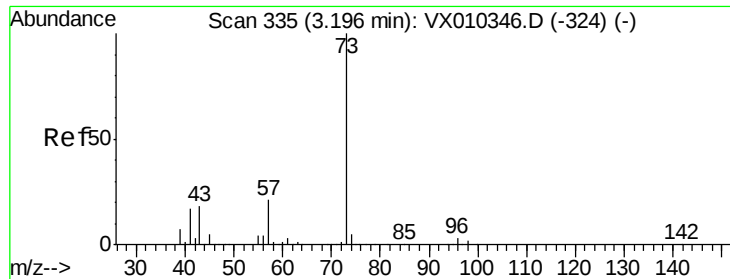
Tot Ion: 76 Resp: 198572
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9



#18
Methyl Acetate
Concen: 50.104 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX010552.D
Acq: 28 Jun 2019 22:24

Tgt Ion: 43 Resp: 105341
Ion Ratio Lower Upper
43 100
74 27.4 21.3 31.9

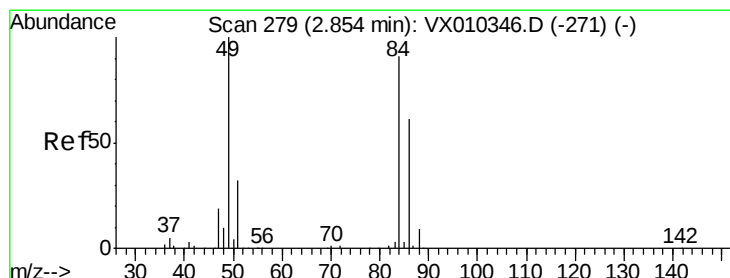
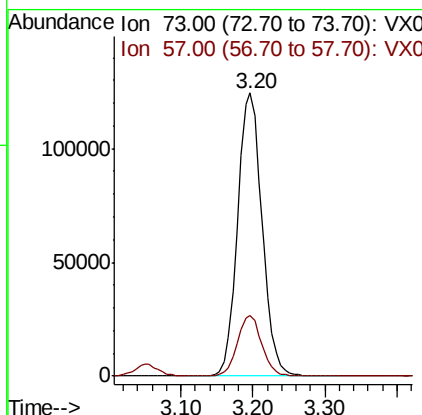
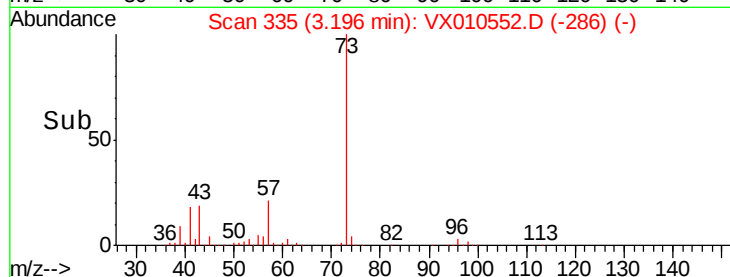
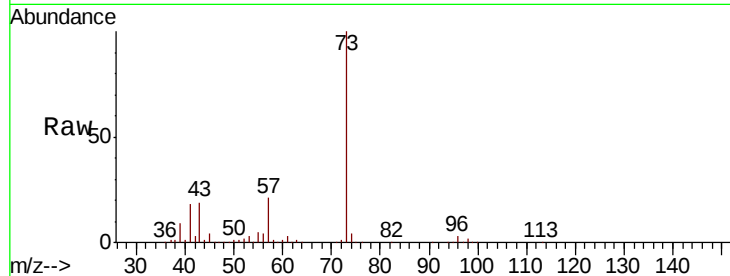




#19
Methvl tert-butvl Ether
Concen: 47.913 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX010552.D
Acq: 28 Jun 2019 22:24

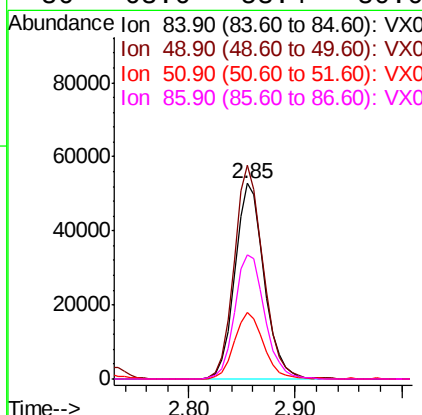
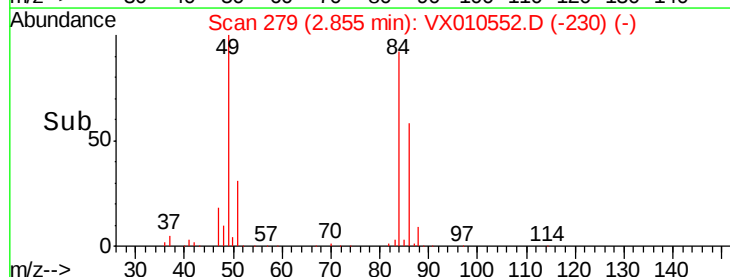
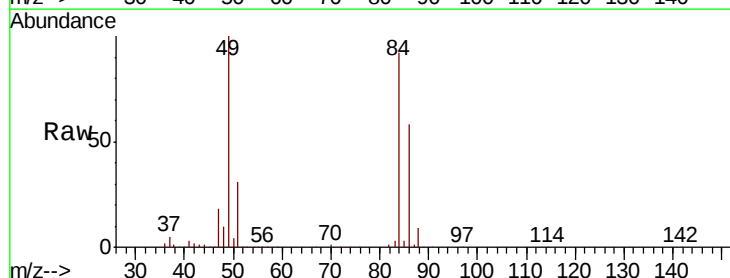
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

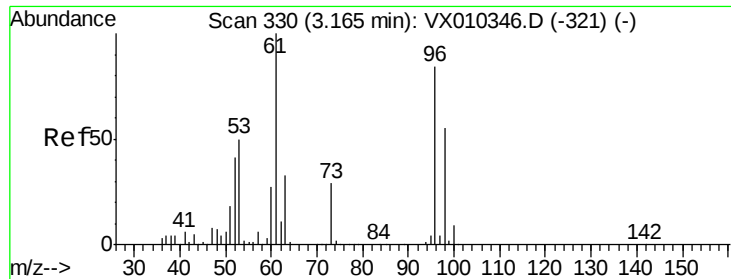
Tot Ion: 73 Resp: 293300
Ion Ratio Lower Upper
73 100
57 21.3 16.4 24.6



#20
Methylene Chloride
Concen: 47.019 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010552.D
Acq: 28 Jun 2019 22:24

Tgt Ion: 84 Resp: 102073
Ion Ratio Lower Upper
84 100
49 109.0 87.5 131.3
51 33.8 27.7 41.5
86 63.6 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 44.918 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010552.D

Acq: 28 Jun 2019 22:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

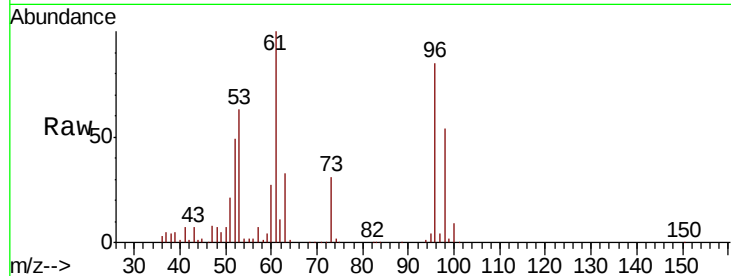
Tot Ion: 96 Resp: 94003

Ion Ratio Lower Upper

96 100

61 117.5 95.6 143.4

98 63.0 52.5 78.7

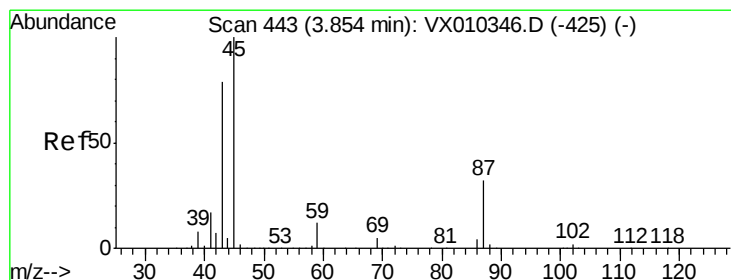
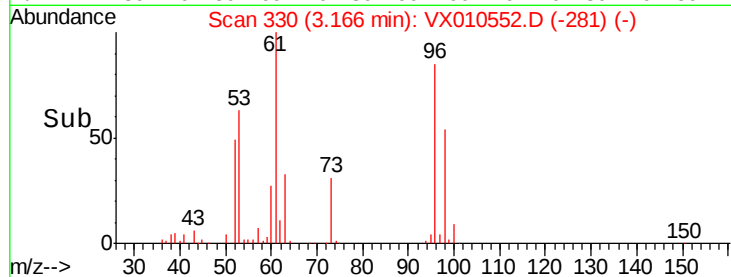
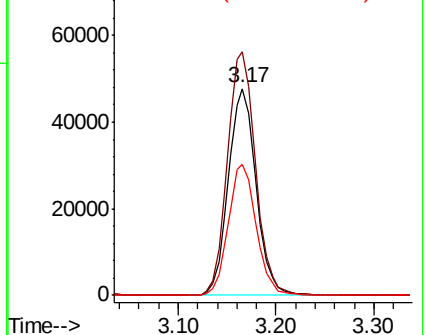


Abundance

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: 48.487 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX010552.D

Acq: 28 Jun 2019 22:24

Tgt Ion: 45 Resp: 280058

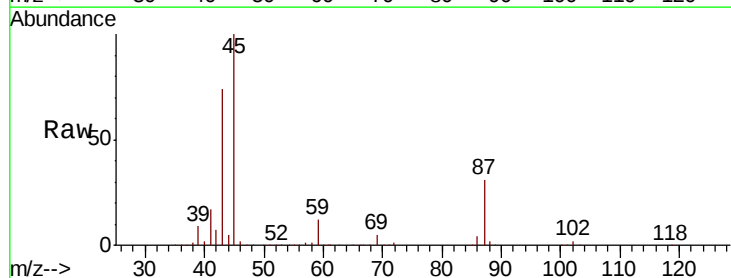
Ion Ratio Lower Upper

45 100

43 74.0 63.3 94.9

87 31.3 25.8 38.8

59 11.9 9.6 14.4



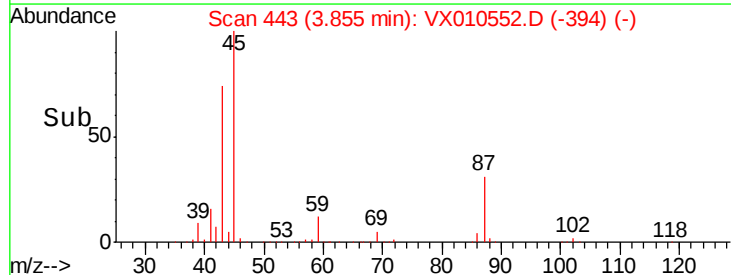
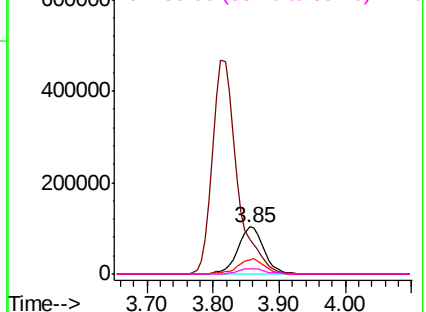
Abundance

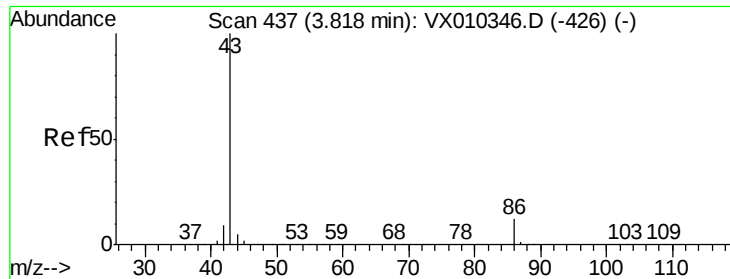
Ion 45.00 (44.70 to 45.70): VX0

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: 243.192 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010552.D

Acq: 28 Jun 2019 22:24

Instrument :

MSVOA_X

ClientSampleId :

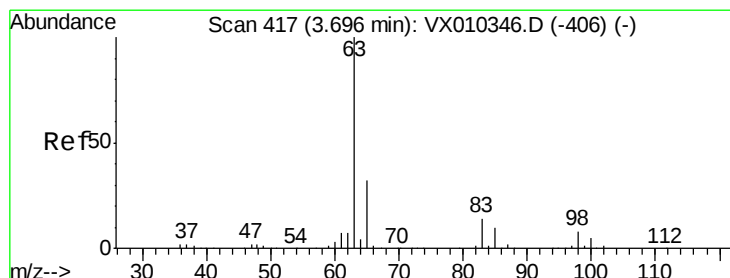
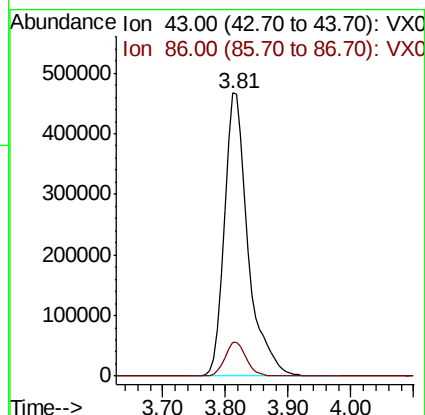
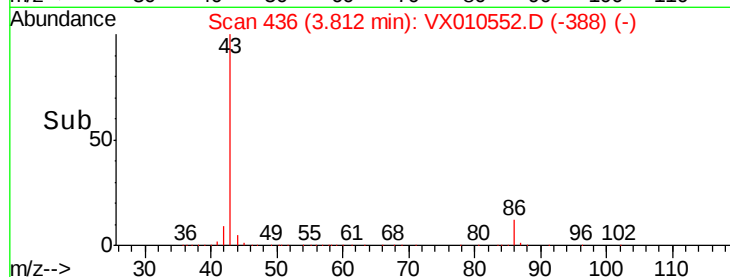
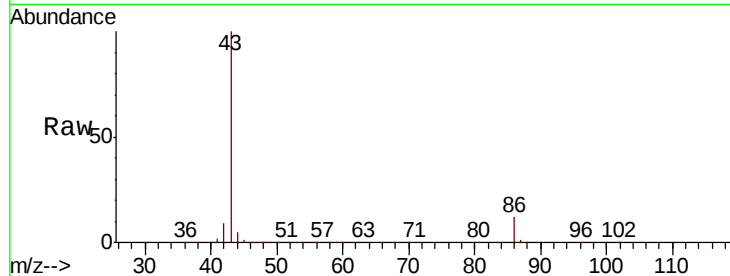
VSTDCCC050

Tot Ion: 43 Resp: 1213463

Ion Ratio Lower Upper

43 100

86 11.7 9.9 14.9



#24

1,1-Dichloroethane

Concen: 47.593 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010552.D

Acq: 28 Jun 2019 22:24

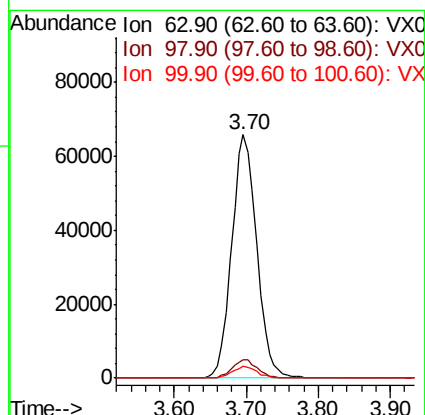
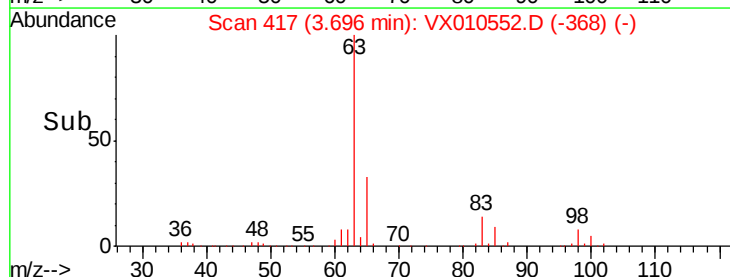
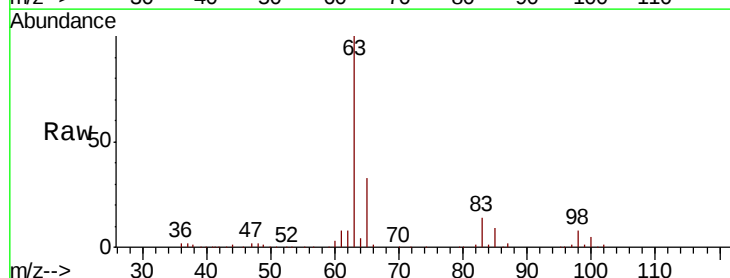
Tgt Ion: 63 Resp: 158898

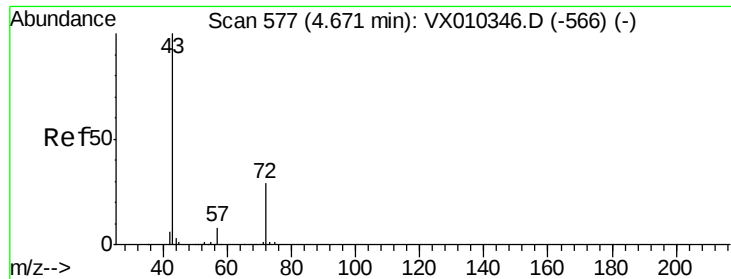
Ion Ratio Lower Upper

63 100

98 7.8 3.9 11.7

100 5.0 2.4 7.1





#25

2-Butanone

Concen: 238.646 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX010552.D

Acq: 28 Jun 2019 22:24

Instrument :

MSVOA_X

ClientSampleId :

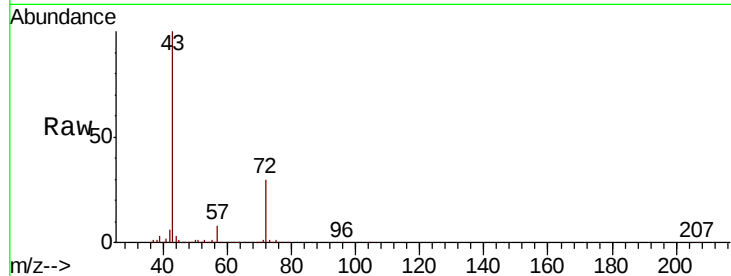
VSTDCCC050

Tot Ion: 43 Resp: 369276

Ion Ratio Lower Upper

43 100

72 30.4 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

100000

50000

0

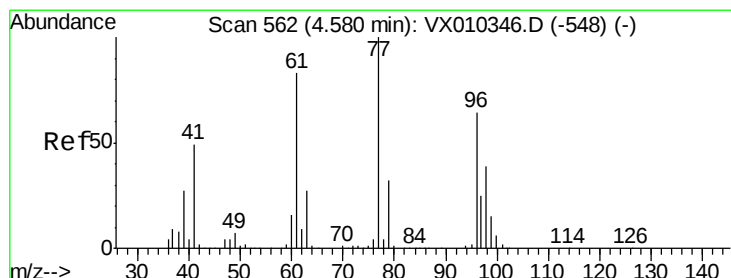
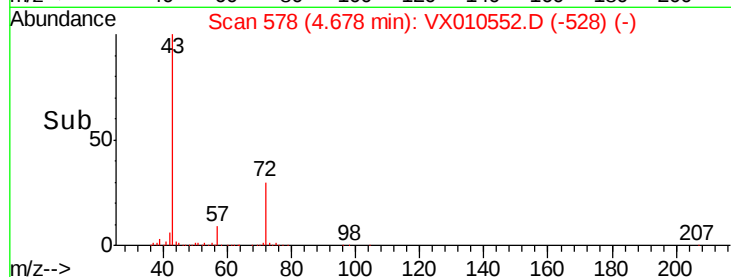
4.60

4.68

4.70

4.80

Time-->



#26

2,2-Dichloropropane

Concen: 37.676 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX010552.D

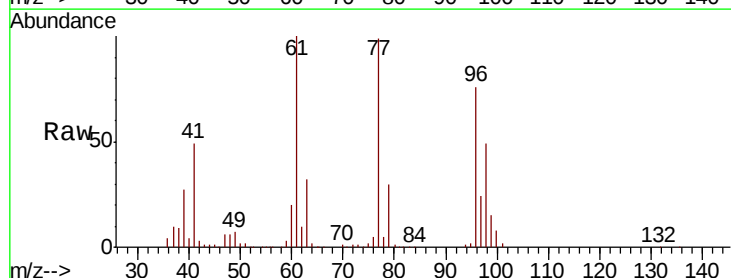
Acq: 28 Jun 2019 22:24

Tgt Ion: 77 Resp: 109271

Ion Ratio Lower Upper

77 100

97 26.3 13.1 39.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

40000

30000

20000

10000

0

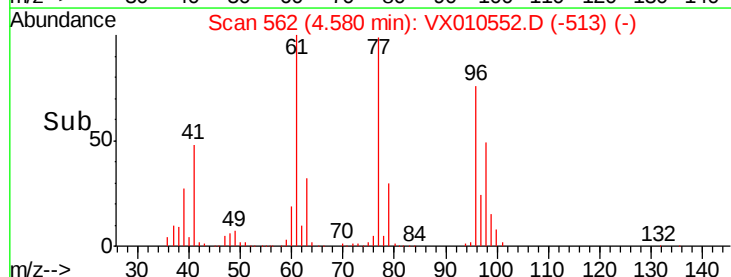
4.50

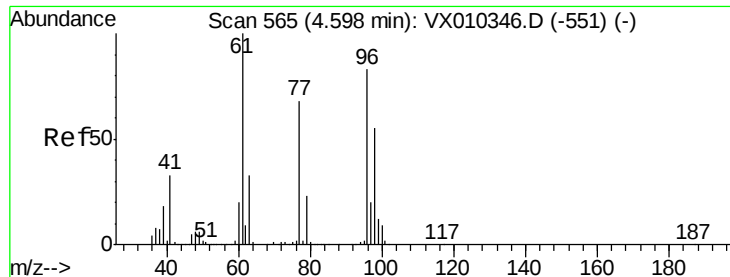
4.58

4.60

4.70

Time-->



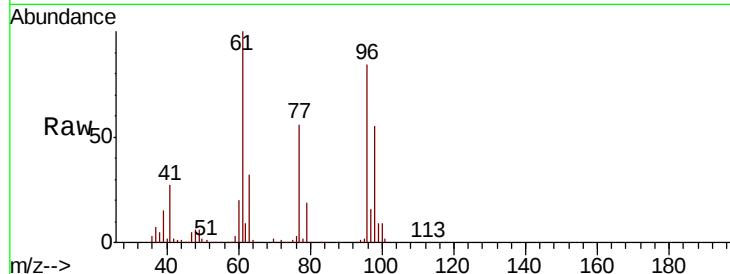


#27

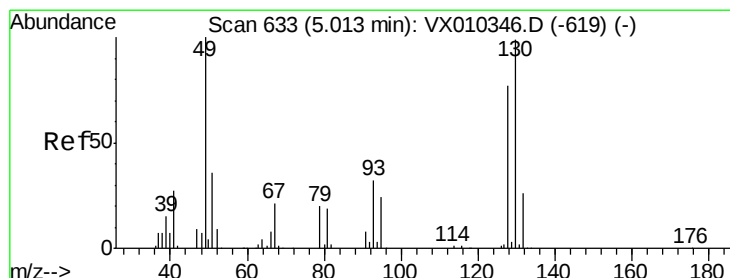
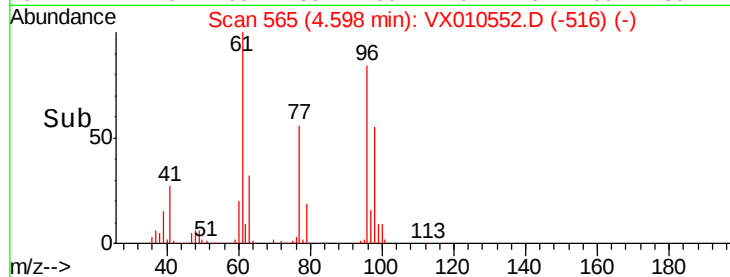
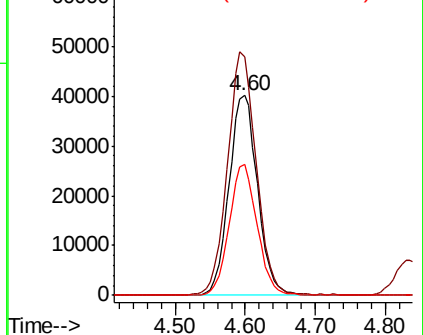
cis-1,2-Dichloroethene
Concen: 47.033 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX010552.D
Acq: 28 Jun 2019 22:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 96 Resp: 113745
Ion Ratio Lower Upper
96 100
61 121.8 0.0 251.8
98 64.0 0.0 129.4



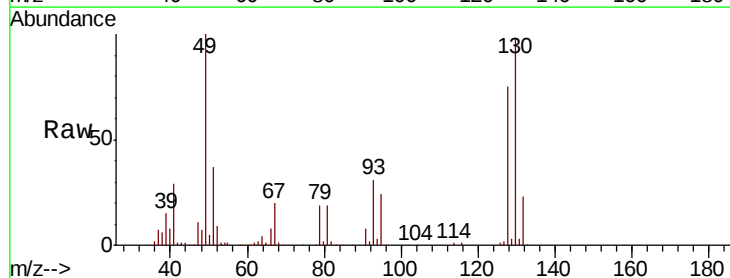
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



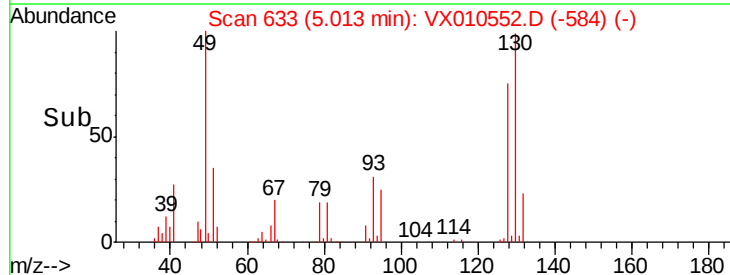
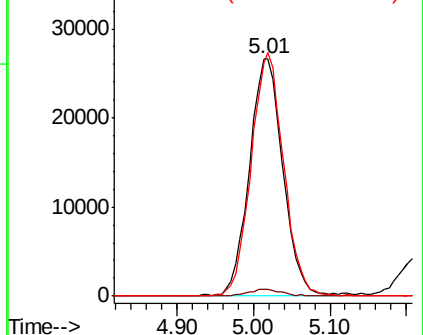
#28

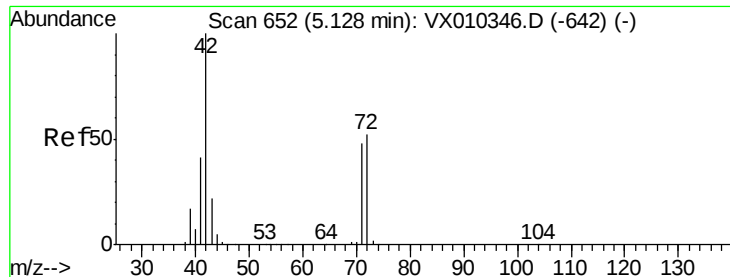
Bromochloromethane
Concen: 51.142 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX010552.D
Acq: 28 Jun 2019 22:24

Tgt Ion: 49 Resp: 81636
Ion Ratio Lower Upper
49 100
129 2.9 0.0 5.6
130 99.1 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: 247.515 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX010552.D

Acq: 28 Jun 2019 22:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

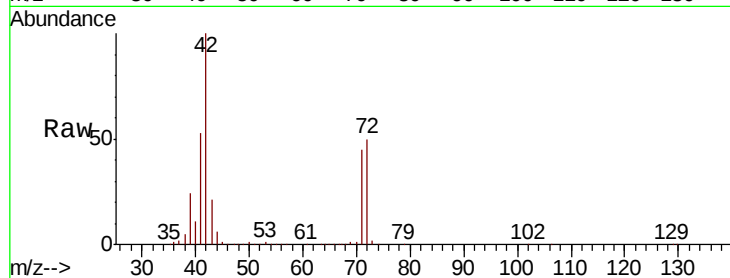
Tot Ion: 42 Resp: 237233

Ion Ratio Lower Upper

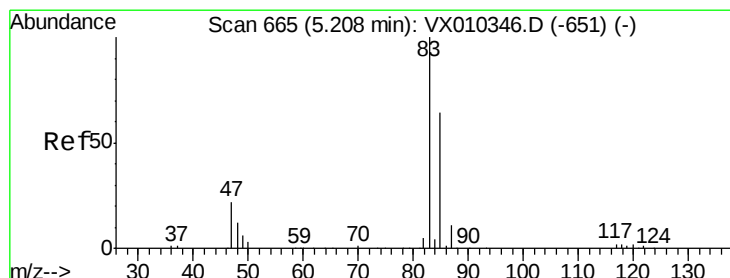
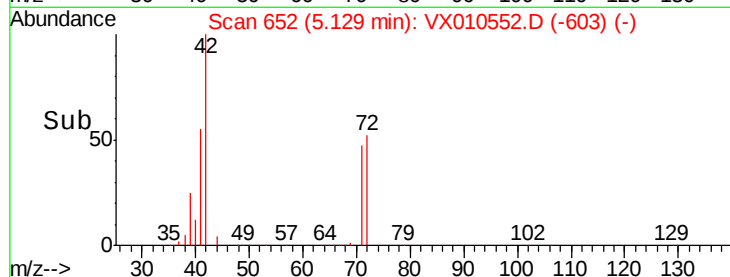
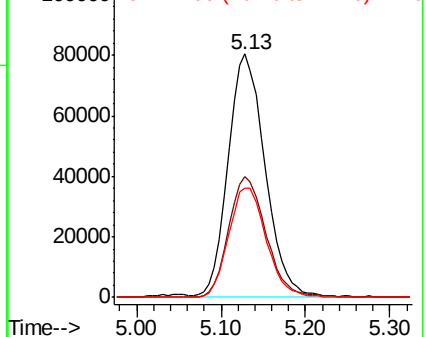
42 100

72 50.9 40.6 60.8

71 46.4 37.8 56.8



Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 48.223 ug/l

RT: 5.21 min Scan# 665

Delta R.T. 0.00 min

Lab File: VX010552.D

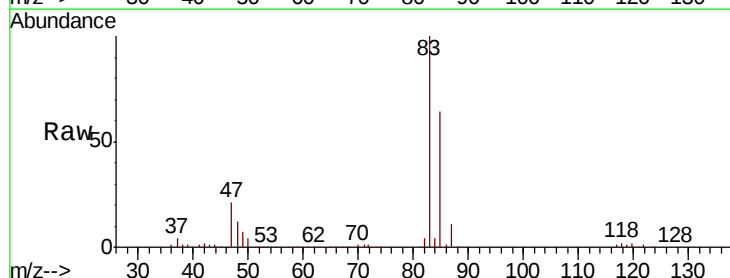
Acq: 28 Jun 2019 22:24

Tgt Ion: 83 Resp: 173229

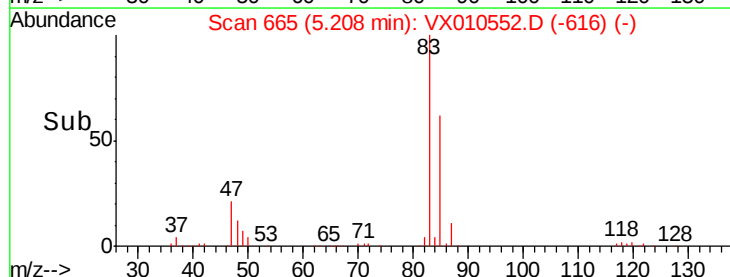
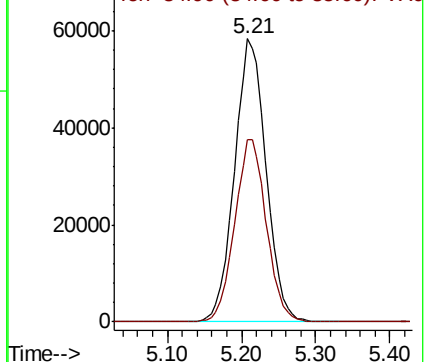
Ion Ratio Lower Upper

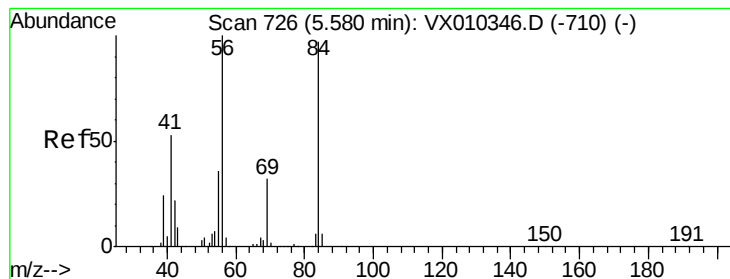
83 100

85 64.5 50.9 76.3



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 44.593 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010552.D

Acq: 28 Jun 2019 22:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

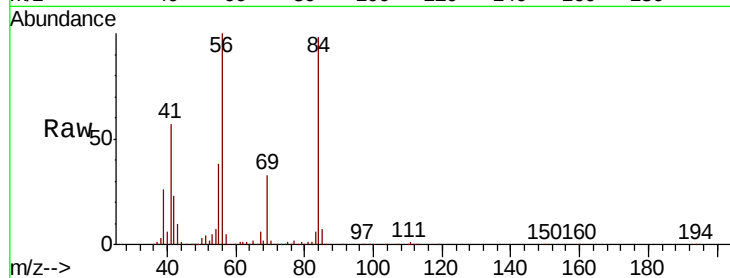
Tot Ion: 56 Resp: 135576

Ion Ratio Lower Upper

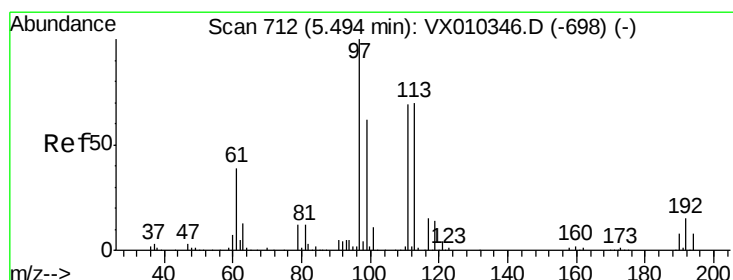
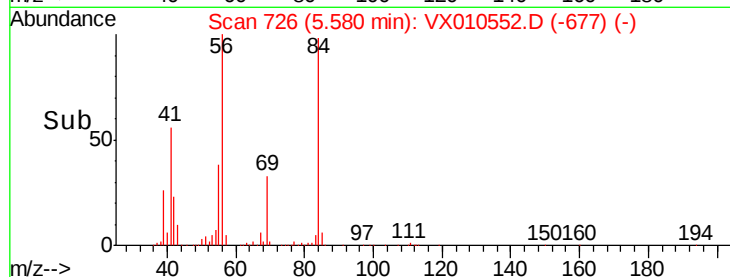
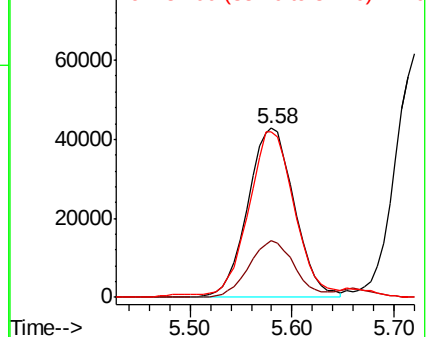
56 100

69 33.1 25.9 38.9

84 96.1 78.0 117.0



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 46.897 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX010552.D

Acq: 28 Jun 2019 22:24

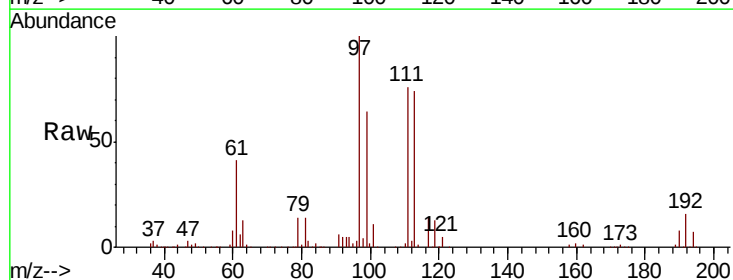
Tgt Ion: 97 Resp: 148753

Ion Ratio Lower Upper

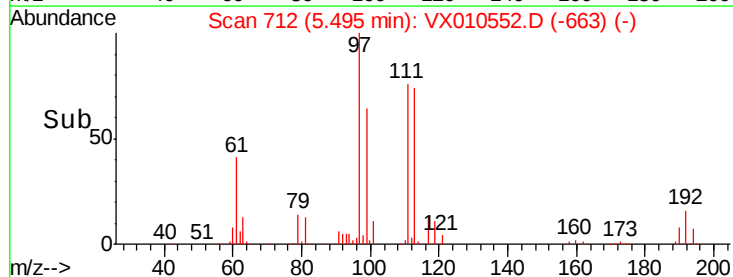
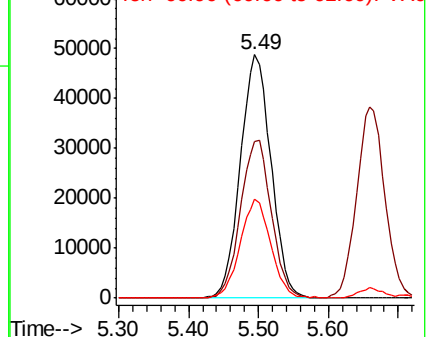
97 100

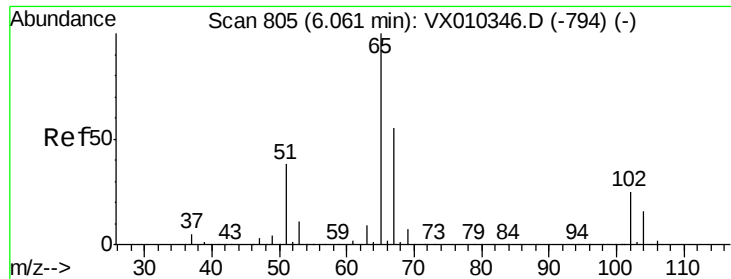
99 65.3 51.8 77.8

61 40.3 32.1 48.1



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

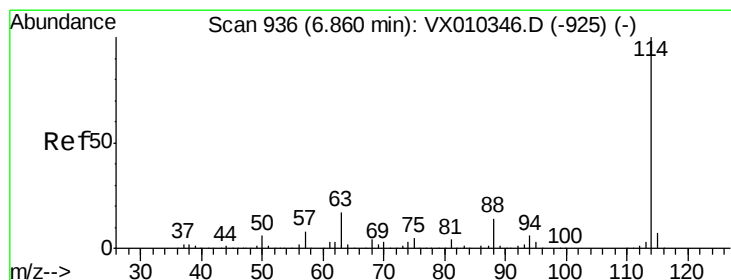
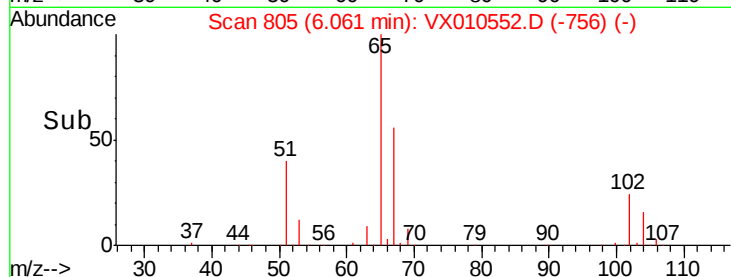
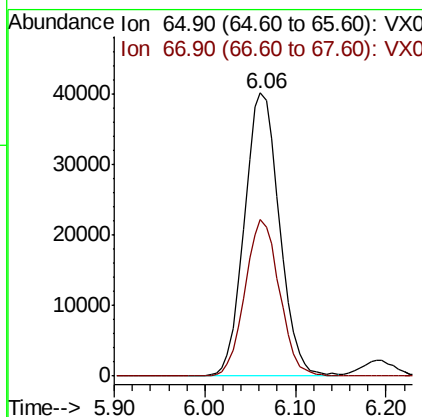
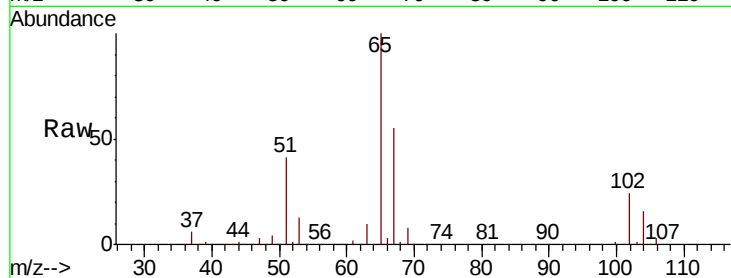




#33
 1,2-Dichloroethane-d4
 Concen: 51.159 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010552.D
 Acq: 28 Jun 2019 22:24

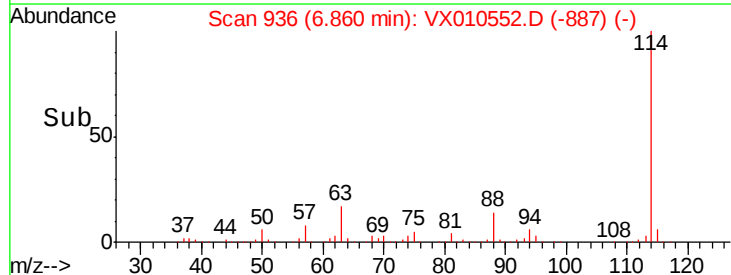
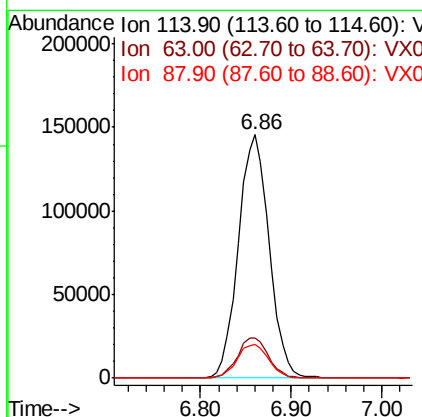
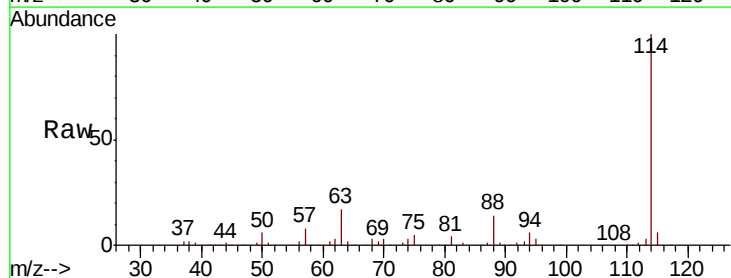
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

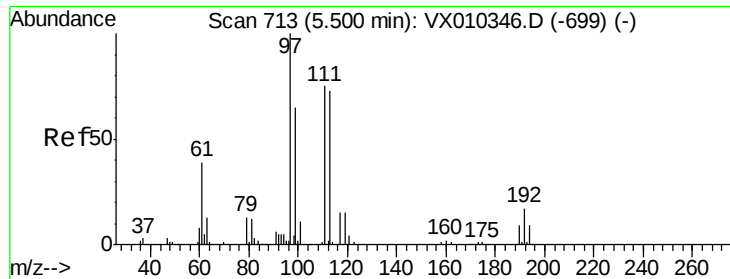
Tot Ion: 65 Resp: 107681
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010552.D
 Acq: 28 Jun 2019 22:24

Tgt Ion: 114 Resp: 341535
 Ion Ratio Lower Upper
 114 100
 63 16.7 0.0 33.8
 88 13.9 0.0 27.6

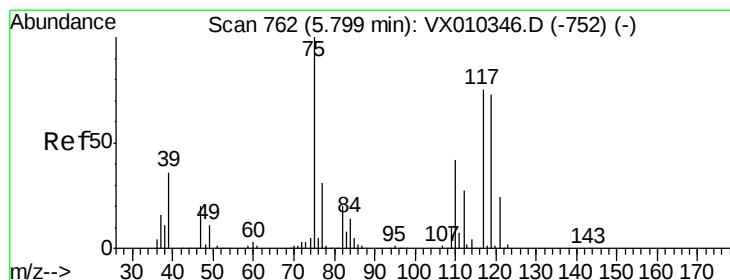
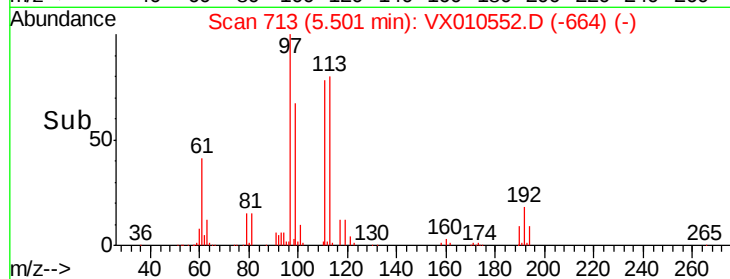
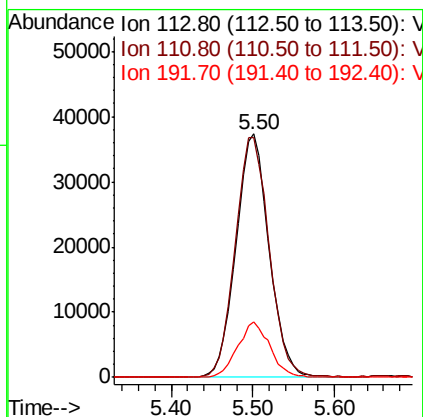
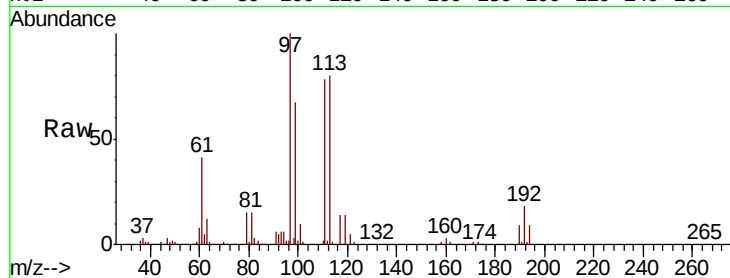




#35
 Dibromofluoromethane
 Concen: 50.146 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010552.D
 Acq: 28 Jun 2019 22:24

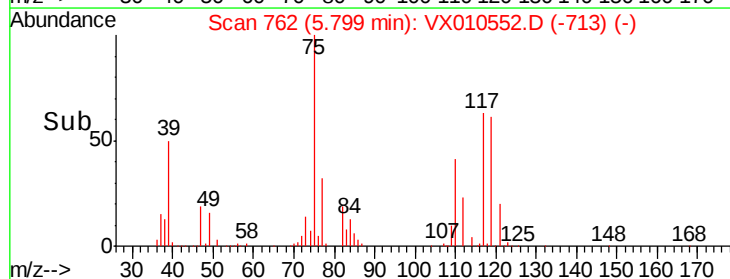
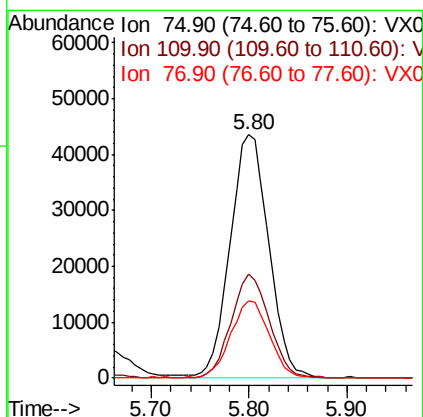
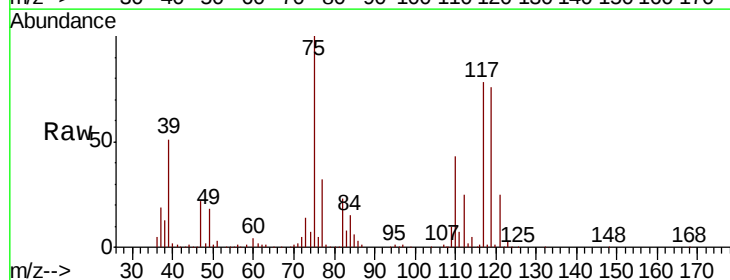
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

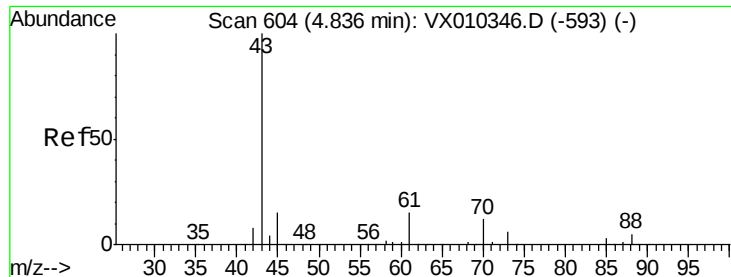
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.2	121.8
192	22.1	18.6	27.8



#36
 1,1-Dichloropropene
 Concen: 43.658 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX010552.D
 Acq: 28 Jun 2019 22:24

Tgt Ion	Ratio	Lower	Upper
75	100		
110	42.3	20.8	62.2
77	32.4	25.4	38.0

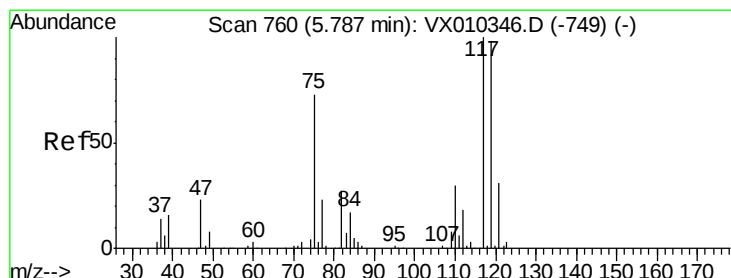
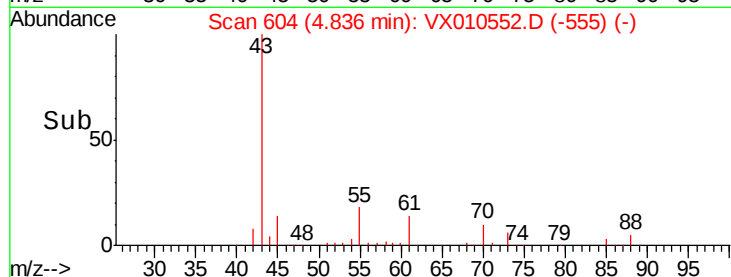
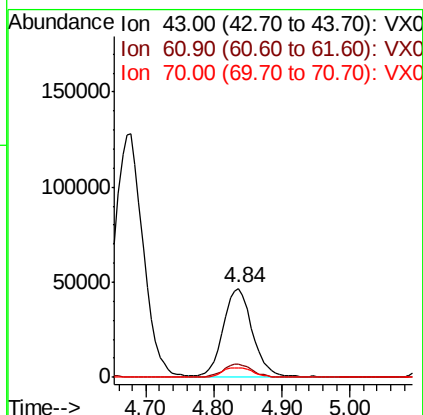
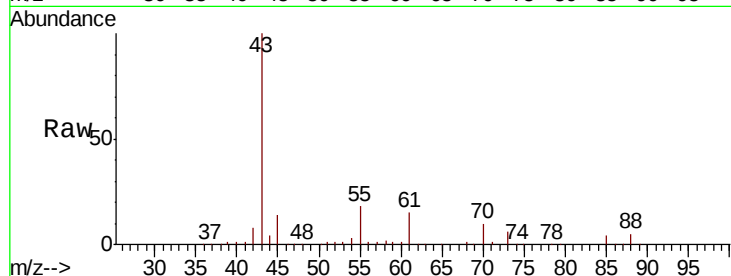




#37
Ethyl Acetate
Concen: 49.436 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.00 min
Lab File: VX010552.D
Acq: 28 Jun 2019 22:24

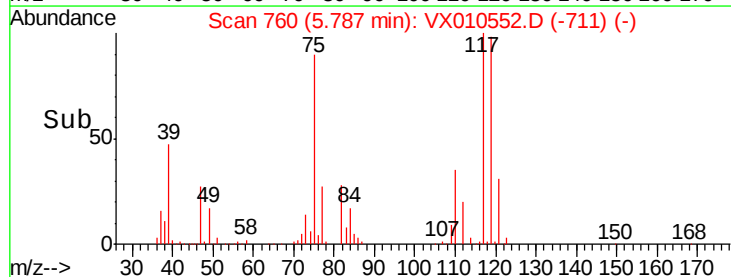
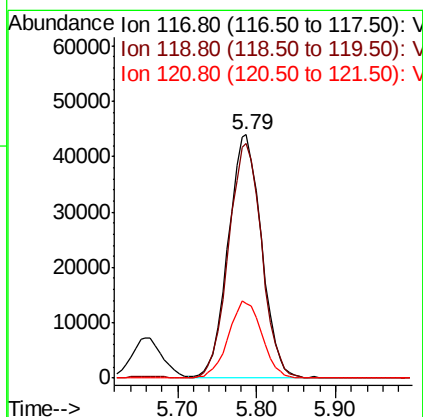
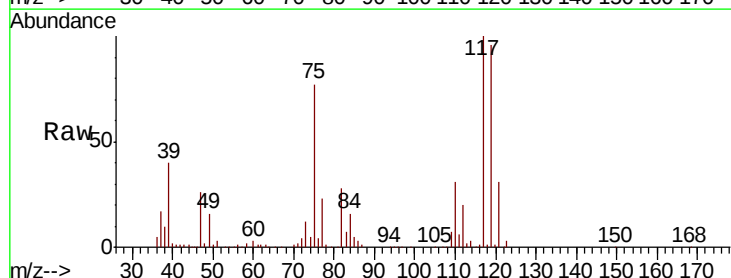
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 138028
Ion Ratio Lower Upper
43 100
61 14.8 12.4 18.6
70 11.6 9.8 14.8



#38
Carbon Tetrachloride
Concen: 43.961 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX010552.D
Acq: 28 Jun 2019 22:24

Tgt Ion: 117 Resp: 129199
Ion Ratio Lower Upper
117 100
119 96.5 78.2 117.4
121 30.5 24.7 37.1

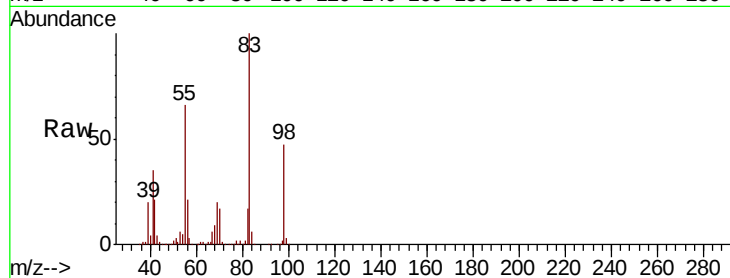




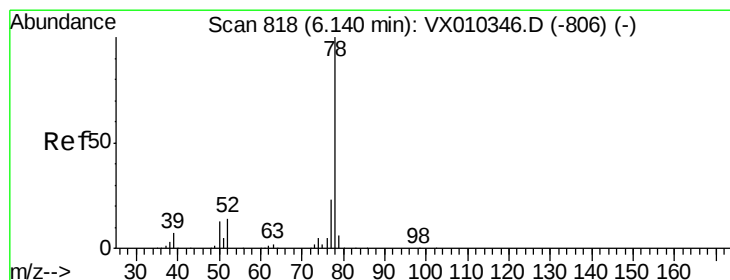
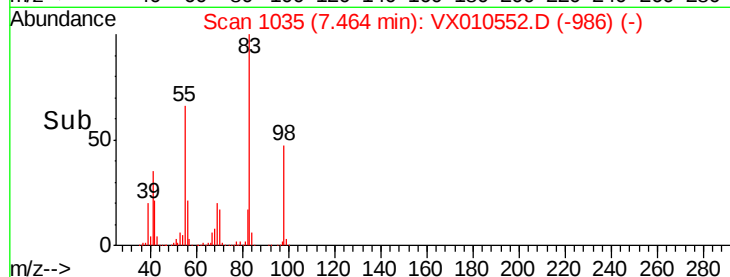
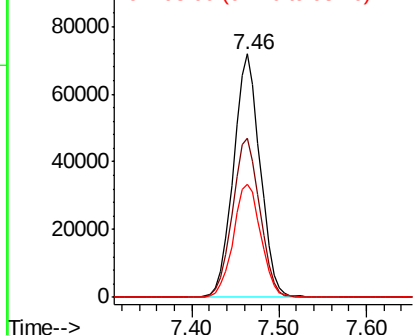
#39
Methvlcvclohexane
Concen: 42.680 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010552.D
Acq: 28 Jun 2019 22:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 152260
Ion Ratio Lower Upper
83 100
55 65.5 53.0 79.6
98 46.6 37.8 56.8

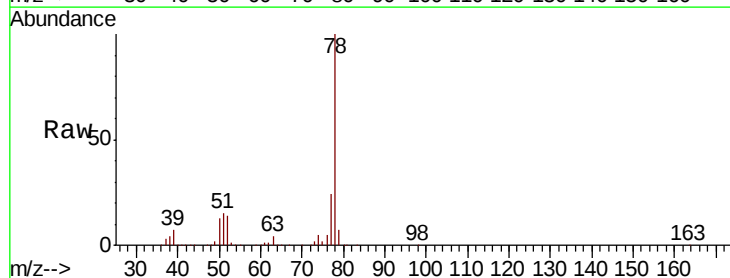


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

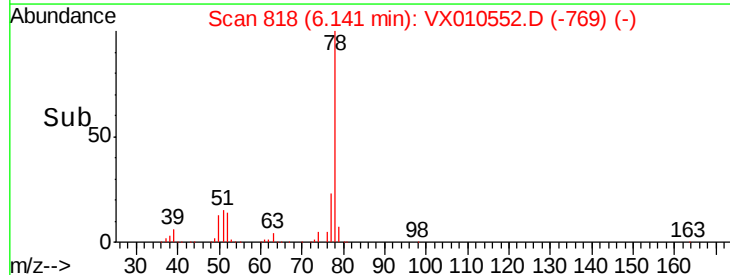
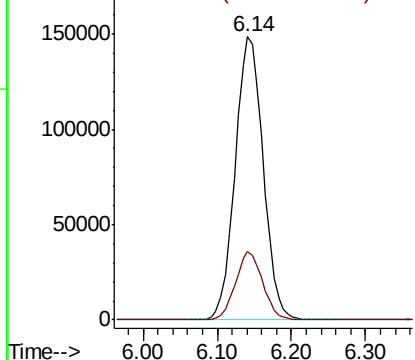


#40
Benzene
Concen: 46.396 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010552.D
Acq: 28 Jun 2019 22:24

Tgt Ion: 78 Resp: 392299
Ion Ratio Lower Upper
78 100
77 24.0 18.6 28.0



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

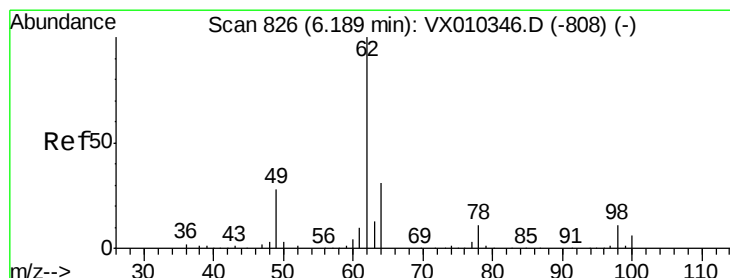
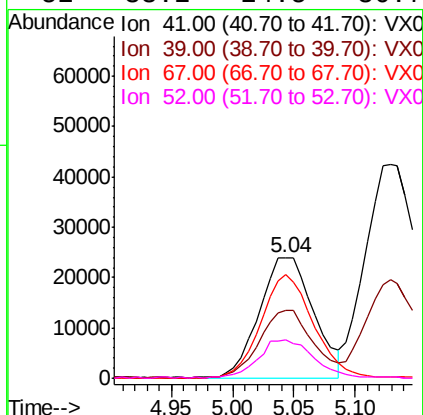
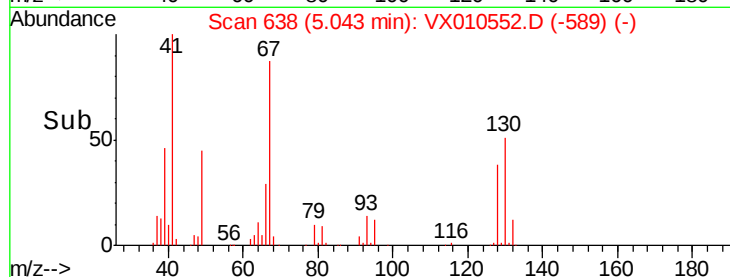
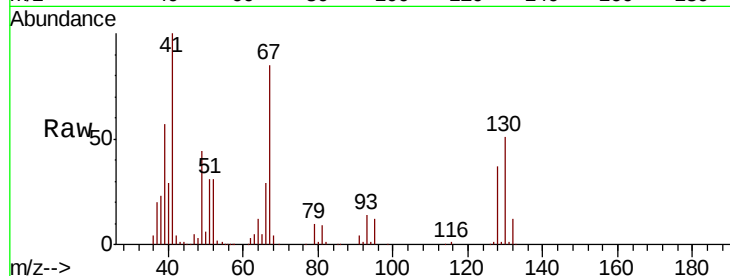




#41
Methacrylonitrile
Concen: 48.365 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX010552.D
Acq: 28 Jun 2019 22:24

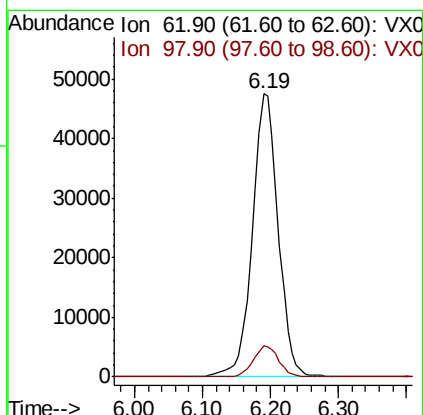
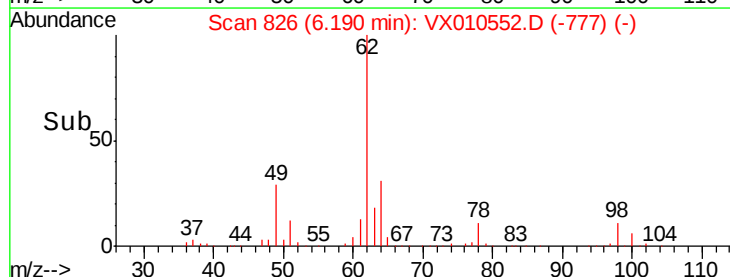
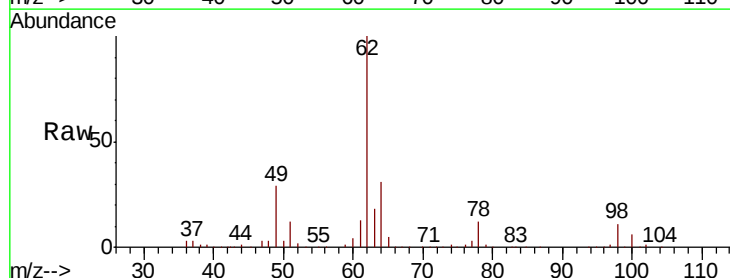
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

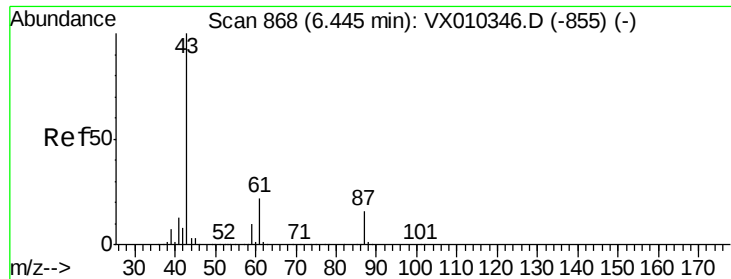
Tot Ion: 41 Resp: 74093
Ion Ratio Lower Upper
41 100
39 55.7 43.8 65.8
67 83.7 66.6 100.0
52 33.2 24.5 36.7



#42
1,2-Dichloroethane
Concen: 48.914 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX010552.D
Acq: 28 Jun 2019 22:24

Tgt Ion: 62 Resp: 125898
Ion Ratio Lower Upper
62 100
98 10.6 0.0 22.2



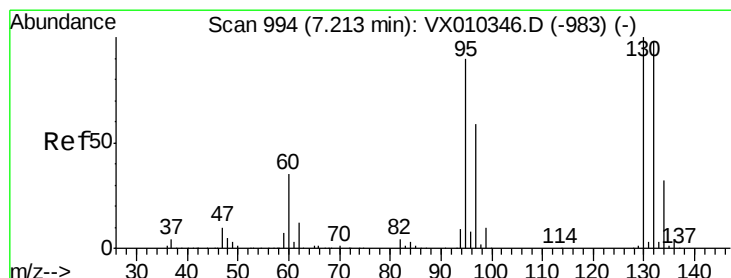
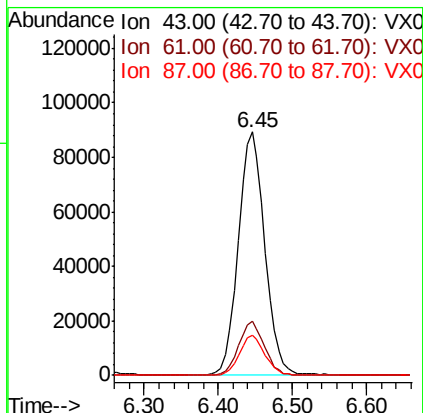
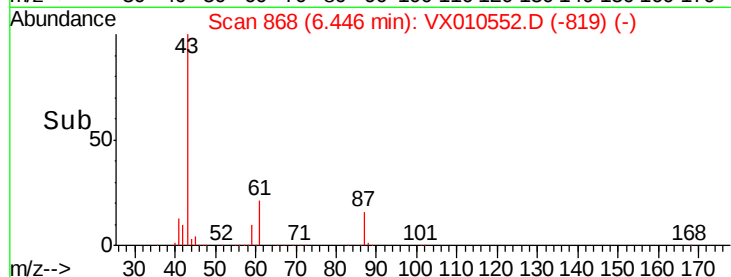
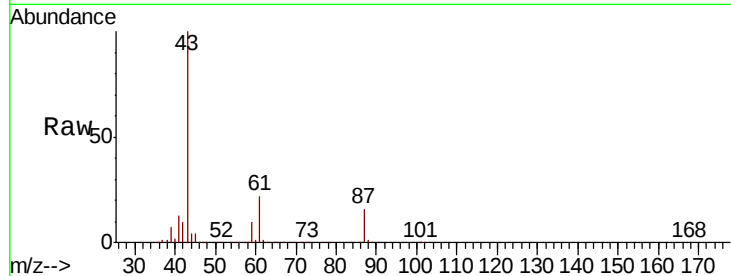


#43

Isopropyl Acetate
 Concen: 47.995 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: VX010552.D
 Acq: 28 Jun 2019 22:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

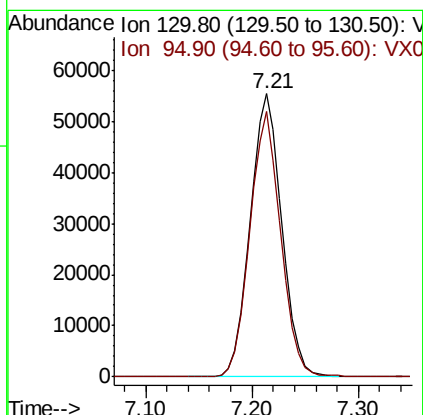
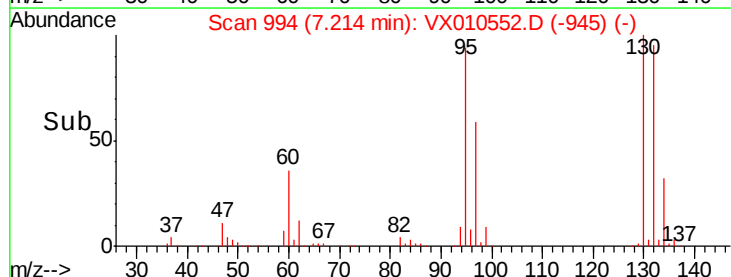
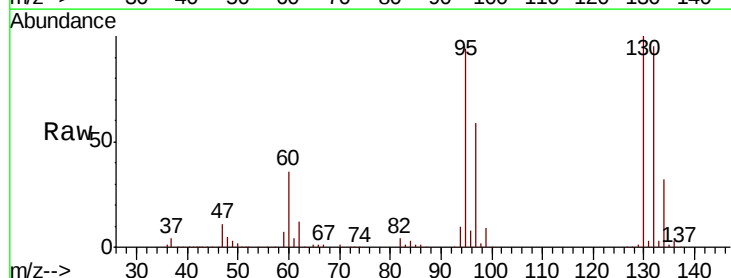
Tot Ion: 43 Resp: 221711
 Ion Ratio Lower Upper
 43 100
 61 21.4 17.8 26.6
 87 15.8 13.0 19.4

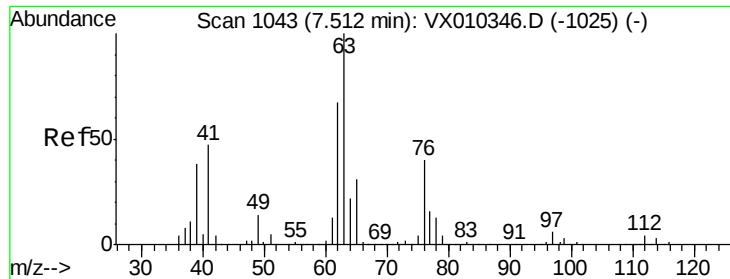


#44

Trichloroethene
 Concen: 45.581 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX010552.D
 Acq: 28 Jun 2019 22:24

Tgt Ion: 130 Resp: 115324
 Ion Ratio Lower Upper
 130 100
 95 93.8 0.0 180.8

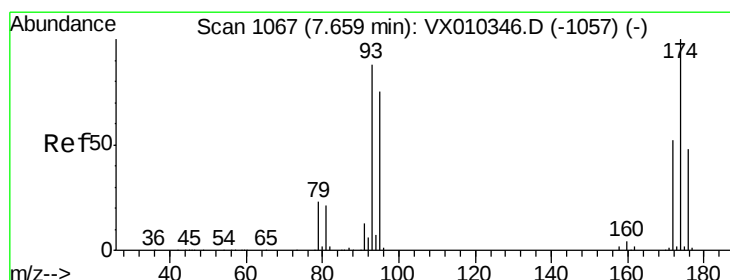
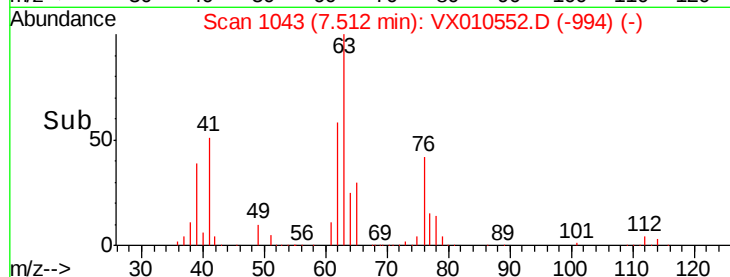
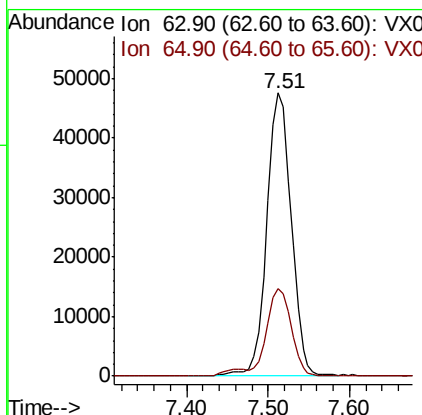
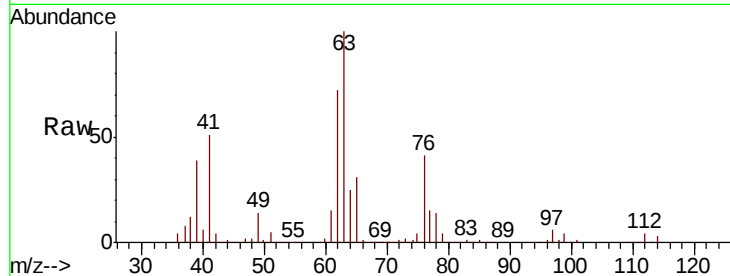




#45
 1,2-Dichloropropane
 Concen: 46.375 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX010552.D
 Acq: 28 Jun 2019 22:24

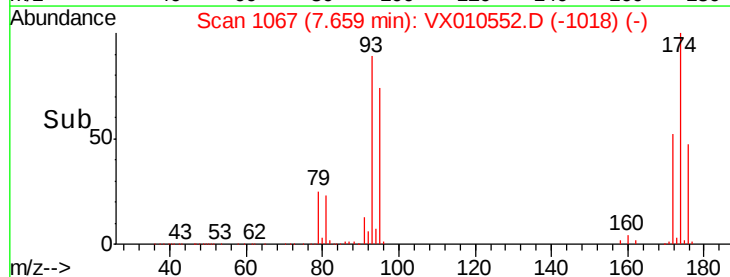
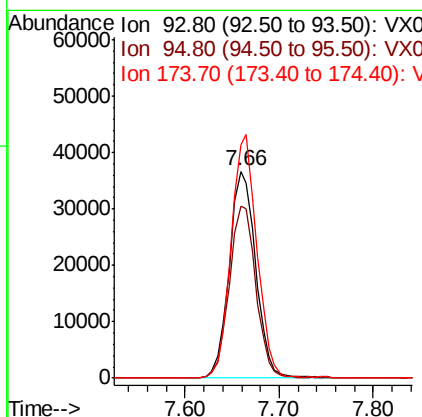
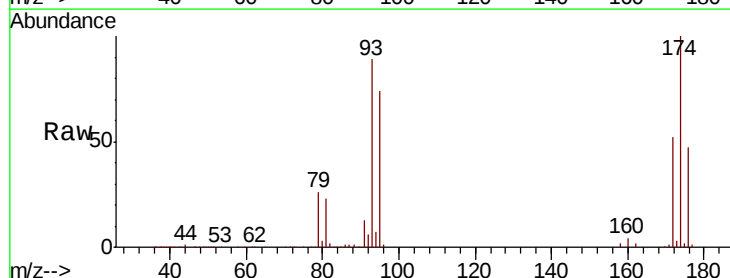
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

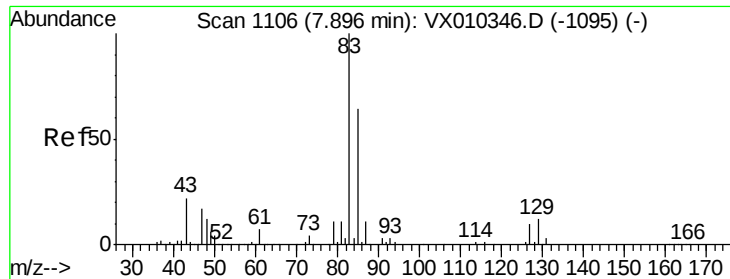
Tot Ion: 63 Resp: 99022
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.8 37.2



#46
 Dibromomethane
 Concen: 46.833 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX010552.D
 Acq: 28 Jun 2019 22:24

Tgt Ion: 93 Resp: 71748
 Ion Ratio Lower Upper
 93 100
 95 83.5 67.5 101.3
 174 114.8 95.8 143.6





#47

Bromodichloromethane

Concen: 46.171 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010552.D

Acq: 28 Jun 2019 22:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

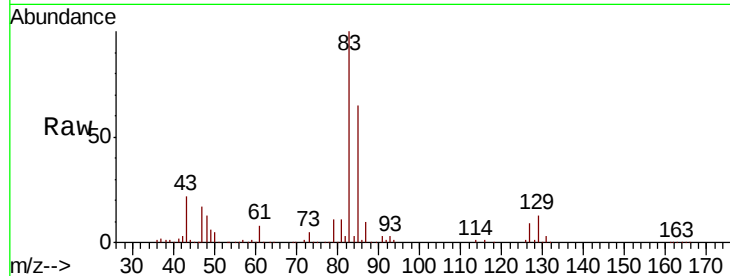
Tot Ion: 83 Resp: 129627

Ion Ratio Lower Upper

83 100

85 65.3 51.5 77.3

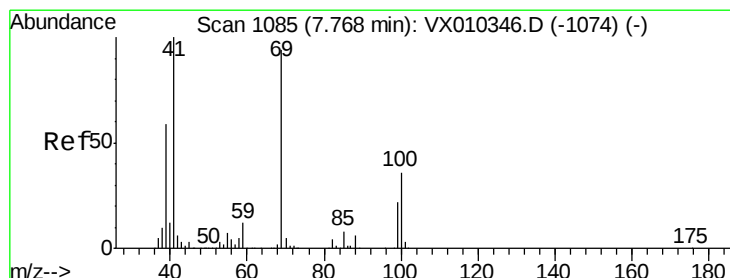
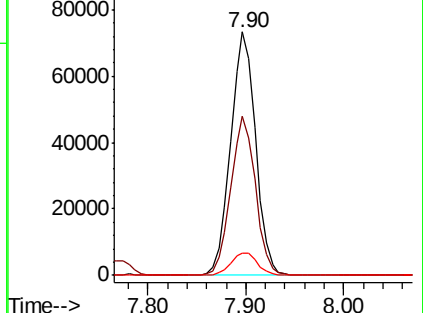
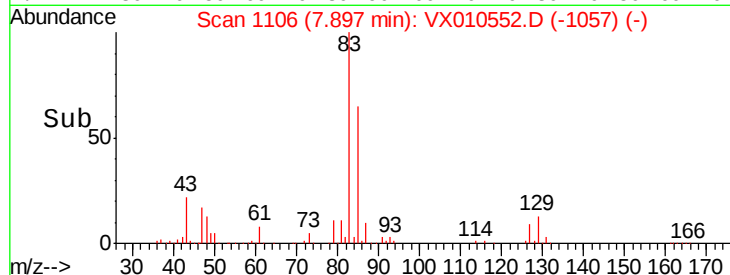
127 9.4 7.8 11.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 48.969 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX010552.D

Acq: 28 Jun 2019 22:24

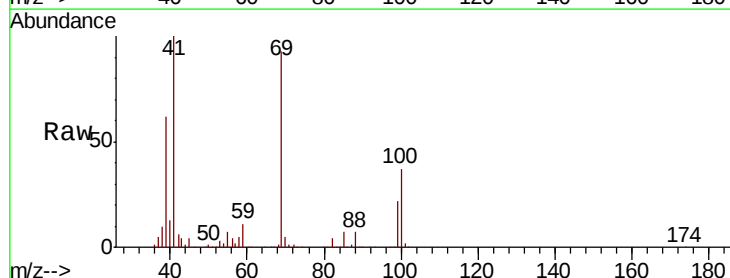
Tgt Ion: 41 Resp: 105146

Ion Ratio Lower Upper

41 100

69 93.9 76.1 114.1

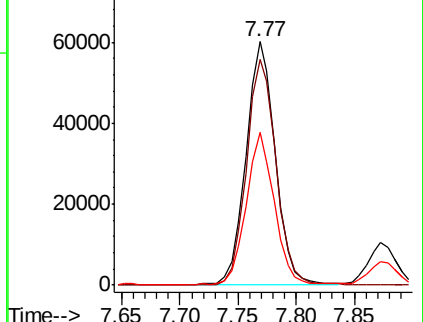
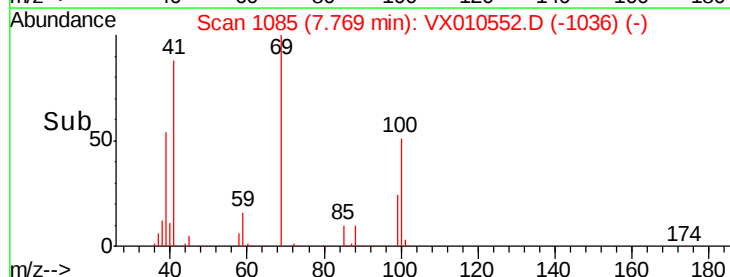
39 60.1 47.6 71.4

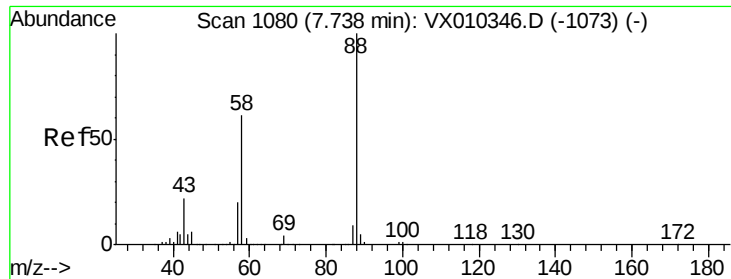


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 984.434 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. 0.00 min

Lab File: VX010552.D

Acq: 28 Jun 2019 22:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

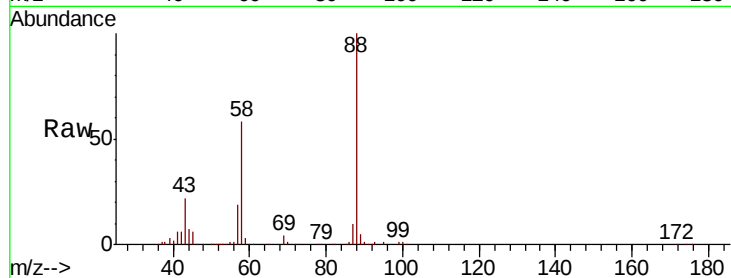
Tot Ion: 88 Resp: 60892

Ion Ratio Lower Upper

88 100

43 25.3 20.2 30.2

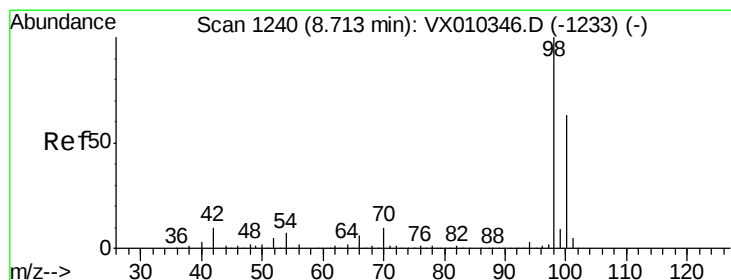
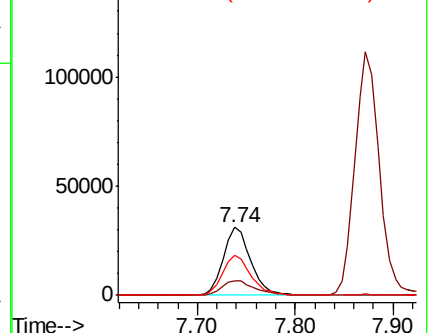
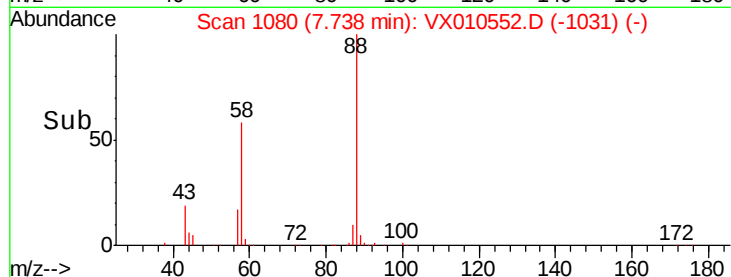
58 60.3 49.5 74.3



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: 49.167 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010552.D

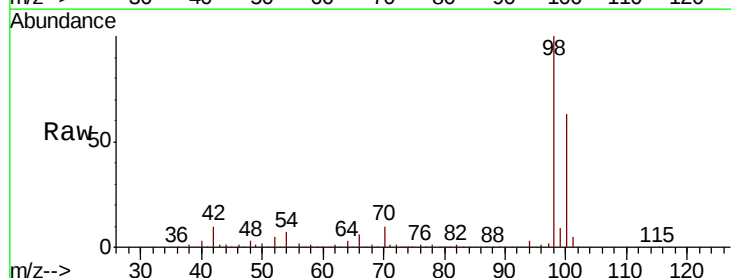
Acq: 28 Jun 2019 22:24

Tgt Ion: 98 Resp: 393067

Ion Ratio Lower Upper

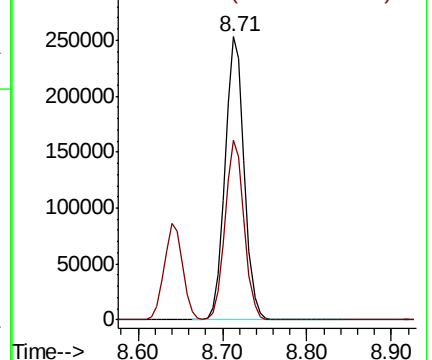
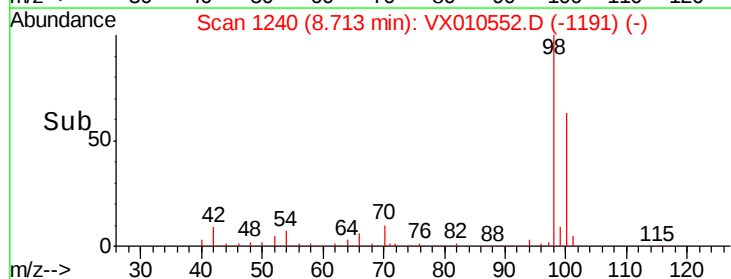
98 100

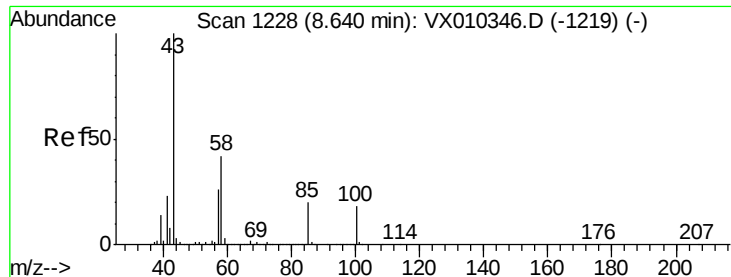
100 63.1 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

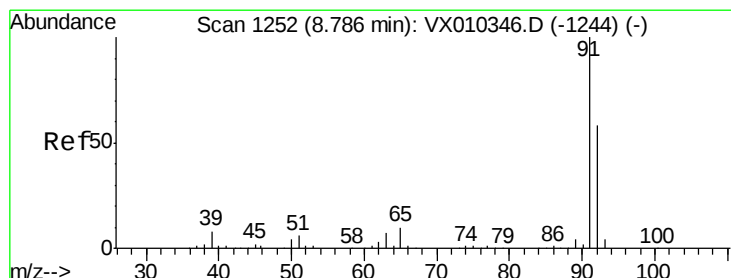
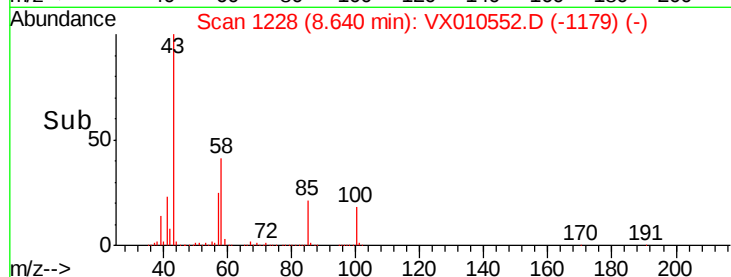
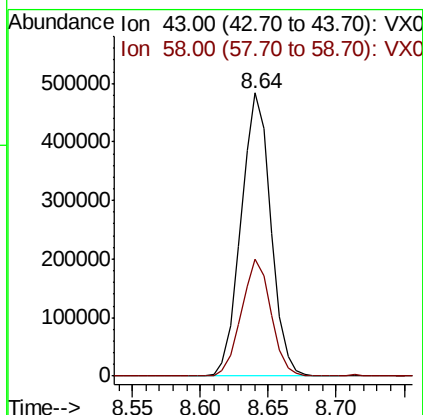
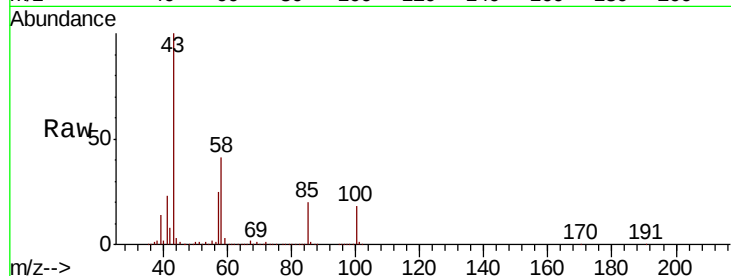




#51
 4-Methyl-2-Pentanone
 Concen: 250.450 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VX010552.D
 Acq: 28 Jun 2019 22:24

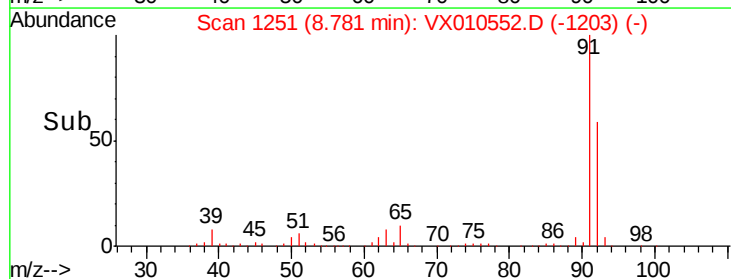
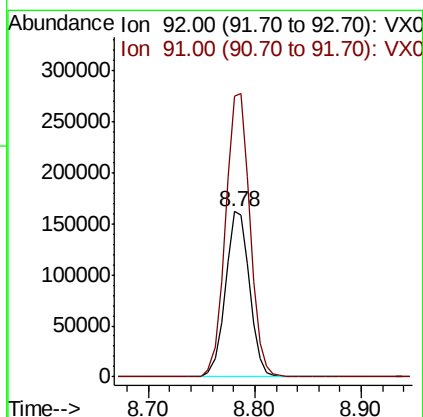
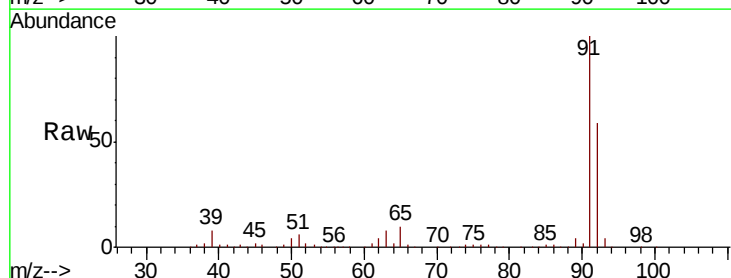
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

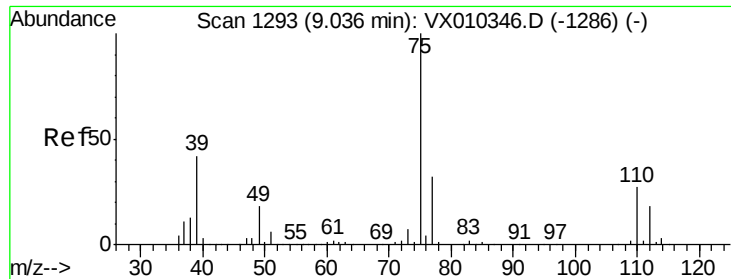
Tot Ion: 43 Resp: 739933
 Ion Ratio Lower Upper
 43 100
 58 40.9 33.5 50.3



#52
 Toluene
 Concen: 45.795 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: VX010552.D
 Acq: 28 Jun 2019 22:24

Tgt Ion: 92 Resp: 254998
 Ion Ratio Lower Upper
 92 100
 91 174.7 139.8 209.6

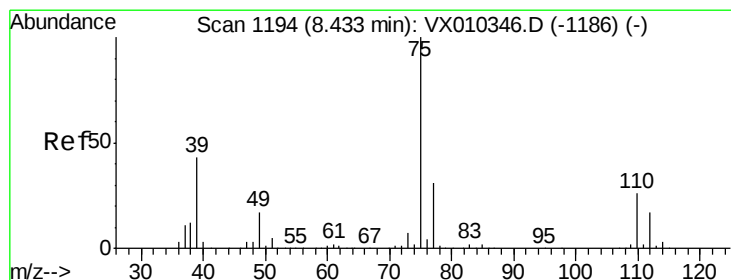
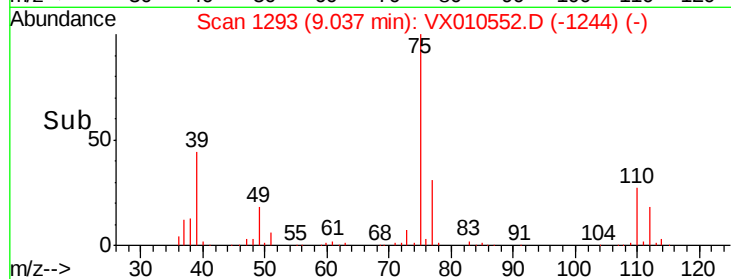
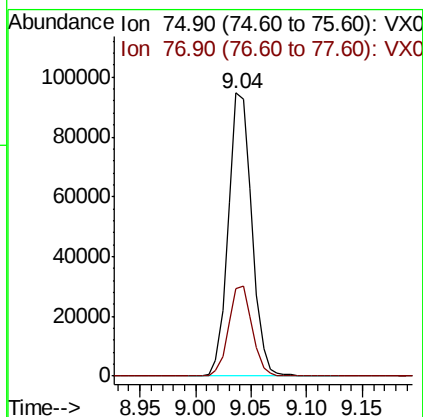
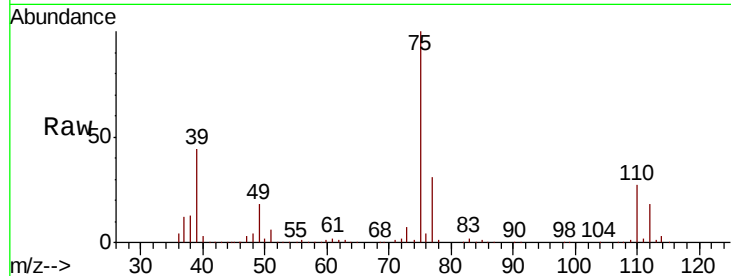




#53
t-1,3-Dichloropropene
Concen: 43.976 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX010552.D
Acq: 28 Jun 2019 22:24

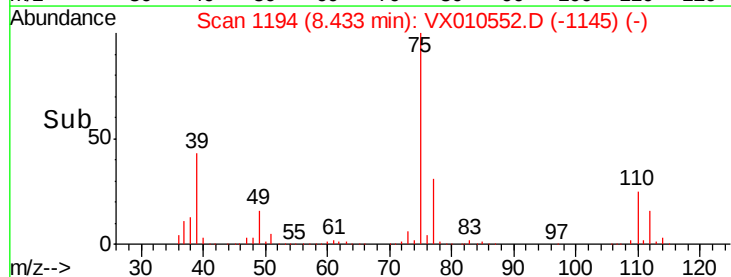
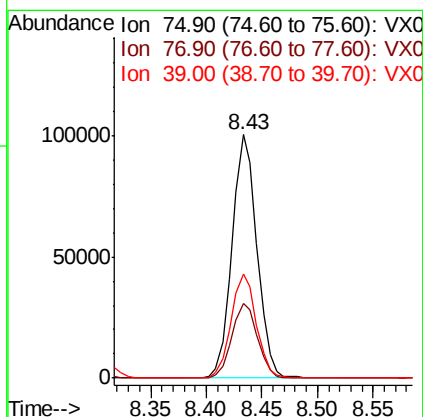
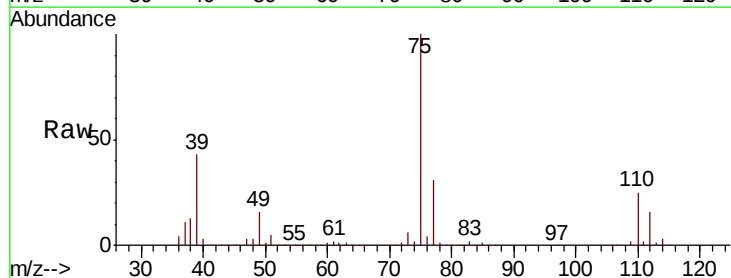
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

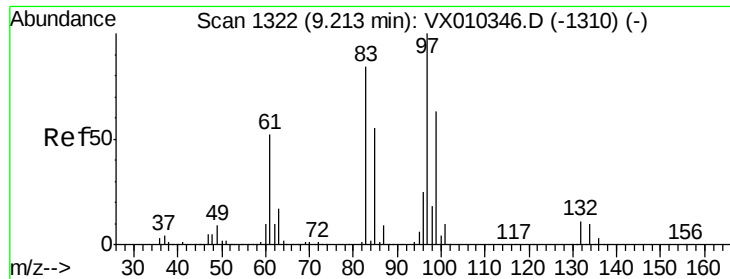
Tot Ion: 75 Resp: 138423
Ion Ratio Lower Upper
75 100
77 31.0 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 45.330 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX010552.D
Acq: 28 Jun 2019 22:24

Tgt Ion: 75 Resp: 155058
Ion Ratio Lower Upper
75 100
77 30.9 25.2 37.8
39 42.8 34.5 51.7



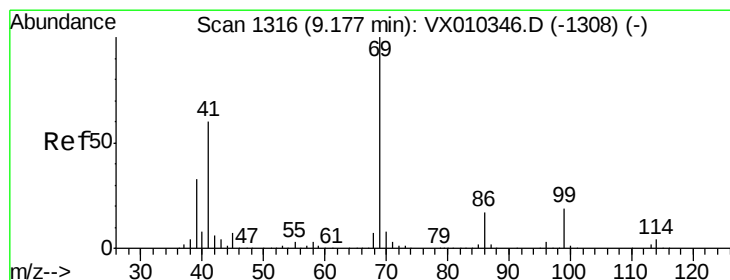
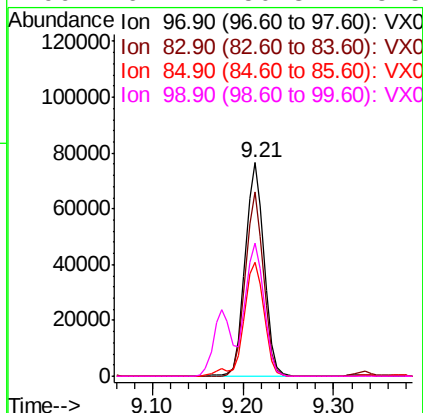
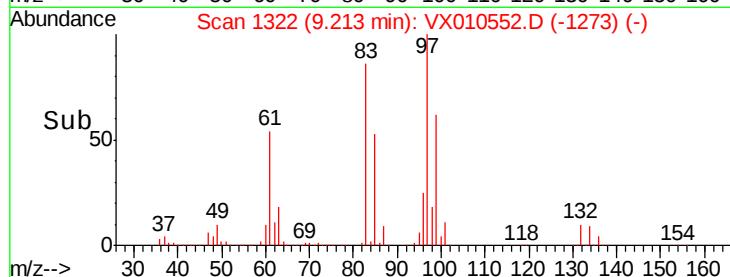
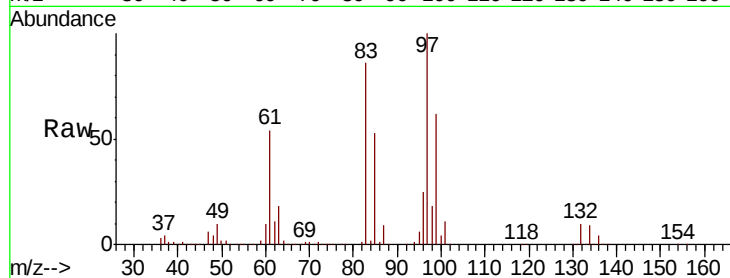


#55
 1,1,2-Trichloroethane
 Concen: 48.285 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX010552.D
 Acq: 28 Jun 2019 22:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 97 Resp: 110885

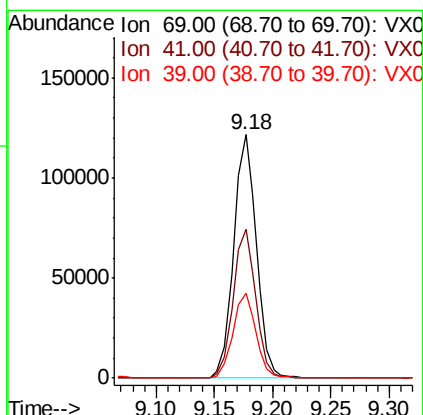
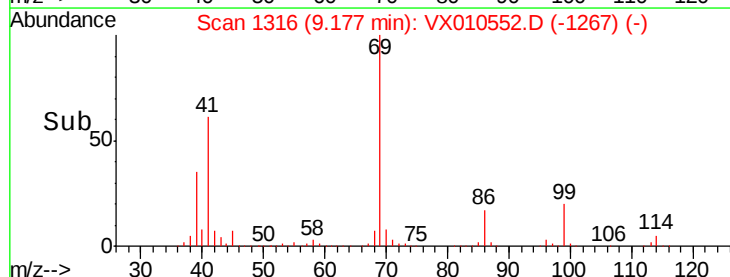
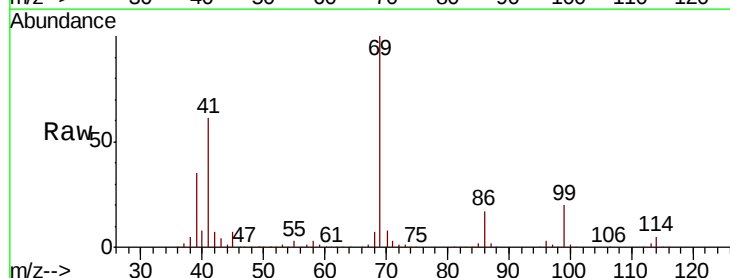
Ion	Ratio	Lower	Upper
97	100		
83	86.1	67.4	101.0
85	53.3	43.8	65.8
99	62.1	50.3	75.5

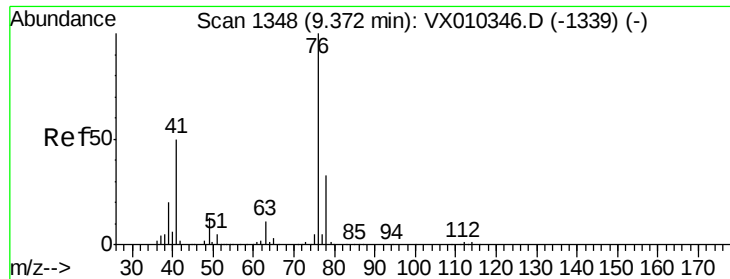


#56
 Ethyl methacrylate
 Concen: 47.670 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX010552.D
 Acq: 28 Jun 2019 22:24

Tgt Ion: 69 Resp: 165837

Ion	Ratio	Lower	Upper
69	100		
41	60.3	47.1	70.7
39	35.2	26.6	40.0





#57

1,3-Dichloropropane

Concen: 47.764 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX010552.D

Acq: 28 Jun 2019 22:24

Instrument :

MSVOA_X

ClientSampleId :

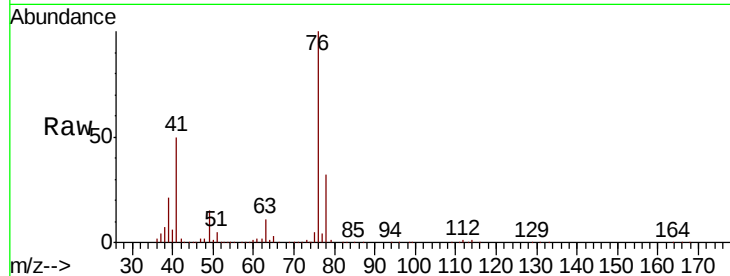
VSTDCCC050

Tot Ion: 76 Resp: 170269

Ion Ratio Lower Upper

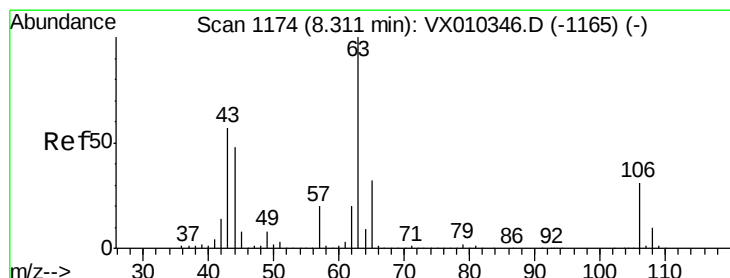
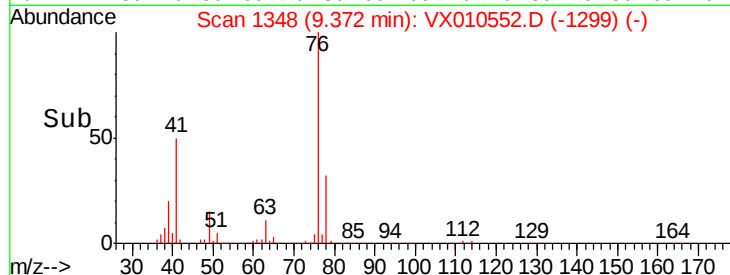
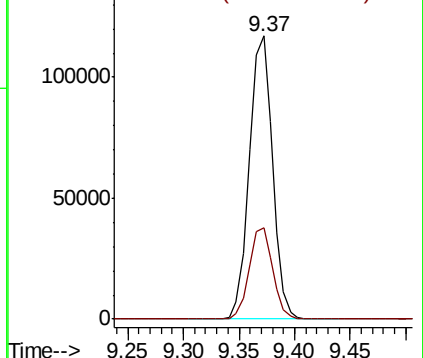
76 100

78 32.7 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 248.197 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX010552.D

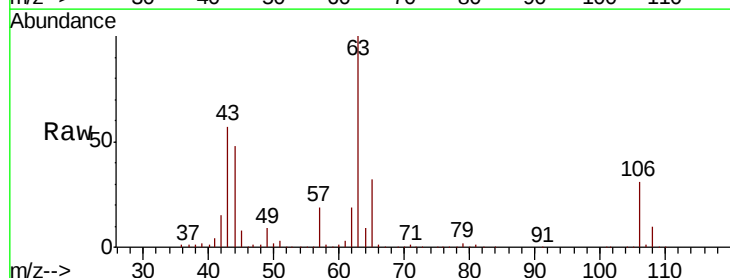
Acq: 28 Jun 2019 22:24

Tgt Ion: 63 Resp: 410069

Ion Ratio Lower Upper

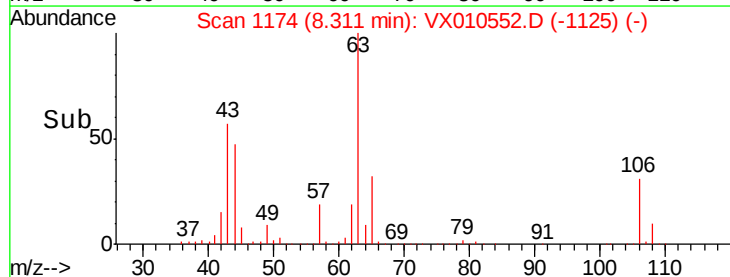
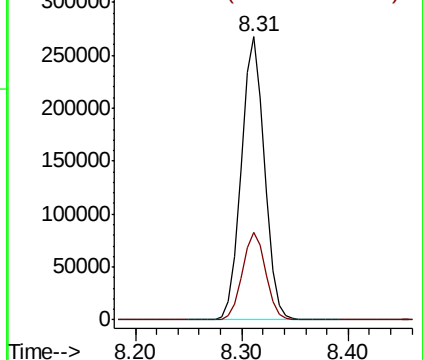
63 100

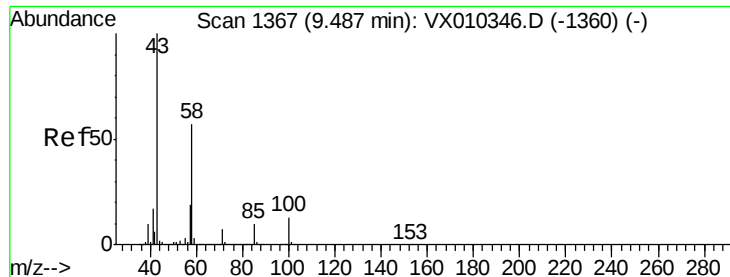
106 31.0 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

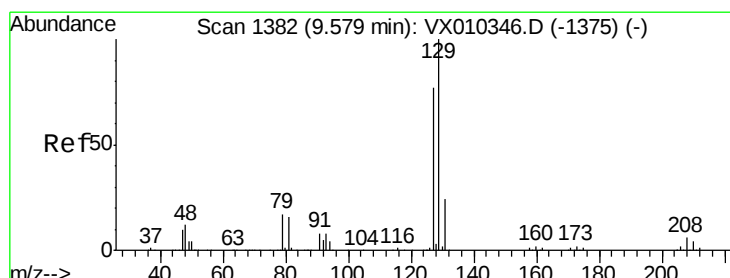
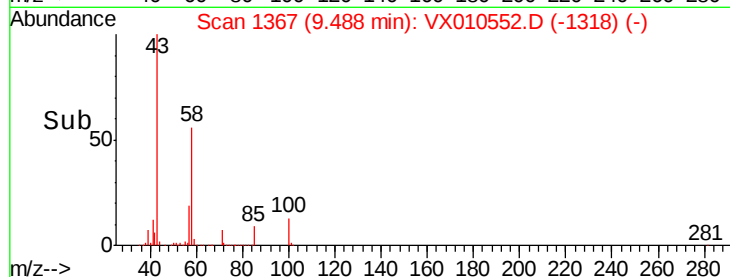
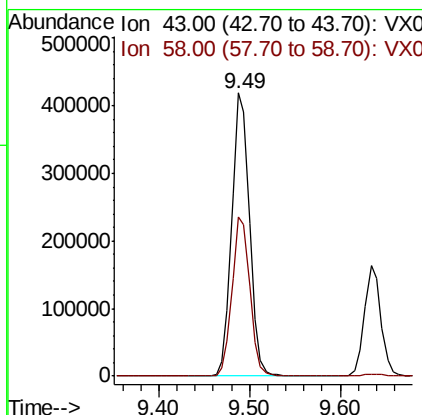
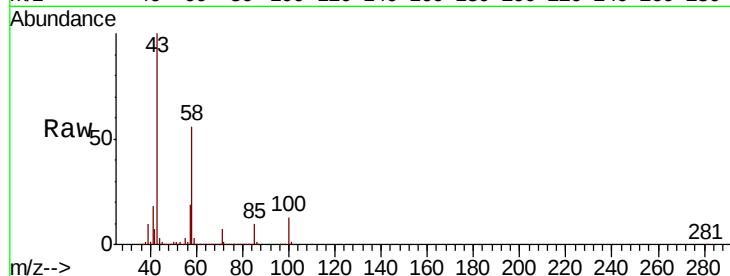




#59
2-Hexanone
Concen: 244.476 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010552.D
Acq: 28 Jun 2019 22:24

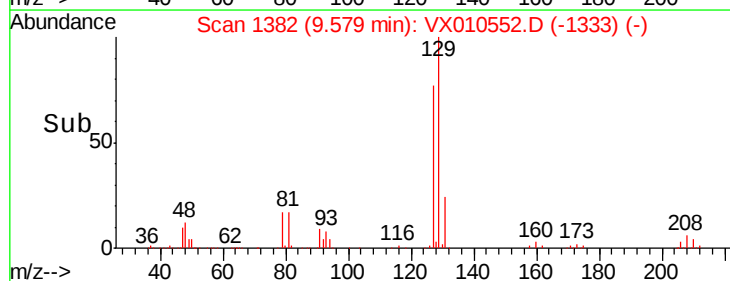
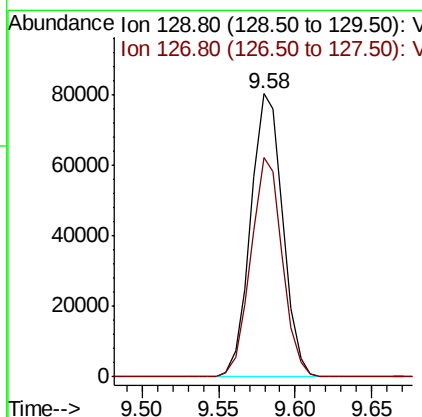
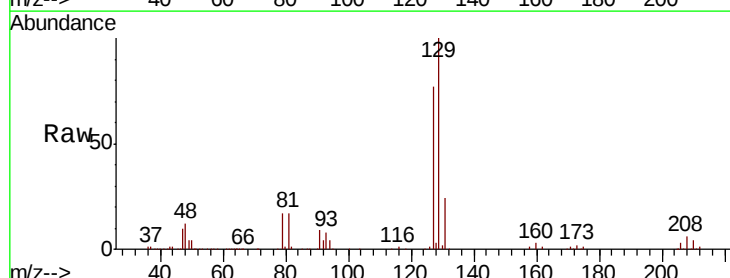
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

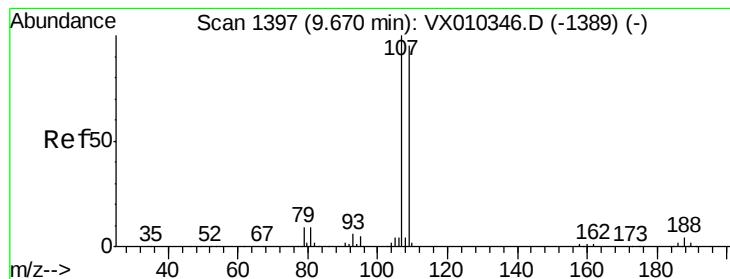
Tot Ion: 43 Resp: 568465
Ion Ratio Lower Upper
43 100
58 56.4 29.0 87.1



#60
Dibromochloromethane
Concen: 45.684 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010552.D
Acq: 28 Jun 2019 22:24

Tgt Ion: 129 Resp: 117466
Ion Ratio Lower Upper
129 100
127 75.9 38.4 115.1





#61

1,2-Dibromoethane

Concen: 47.066 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010552.D

Acq: 28 Jun 2019 22:24

Instrument :

MSVOA_X

ClientSampleId :

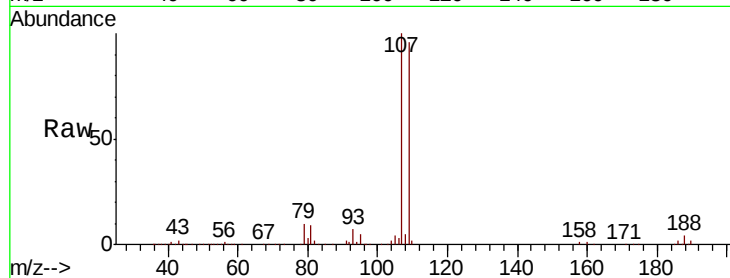
VSTDCCC050

Tot Ion: 107 Resp: 116665

Ion Ratio Lower Upper

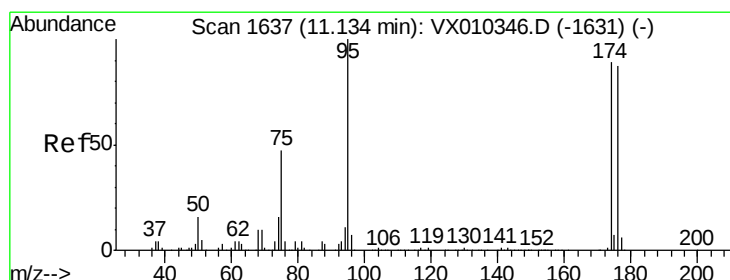
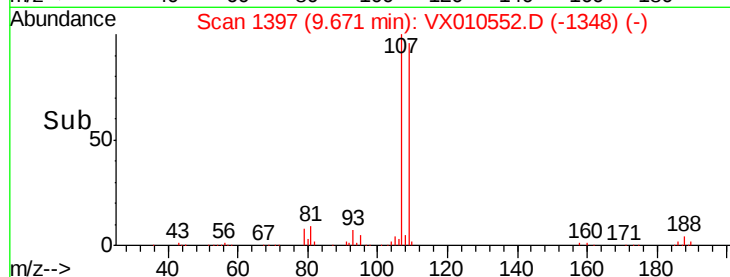
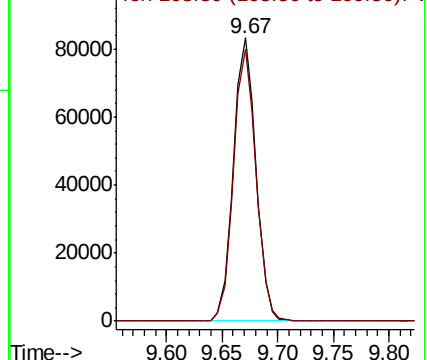
107 100

109 96.0 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.188 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010552.D

Acq: 28 Jun 2019 22:24

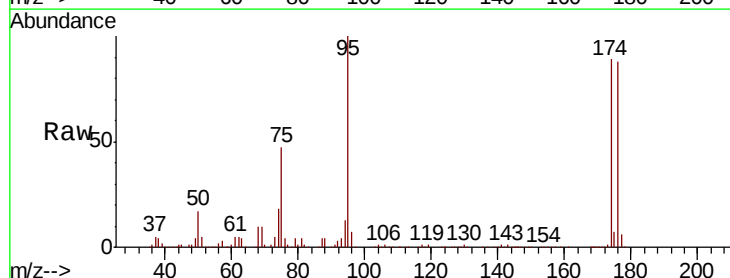
Tgt Ion: 95 Resp: 141970

Ion Ratio Lower Upper

95 100

174 93.4 0.0 187.6

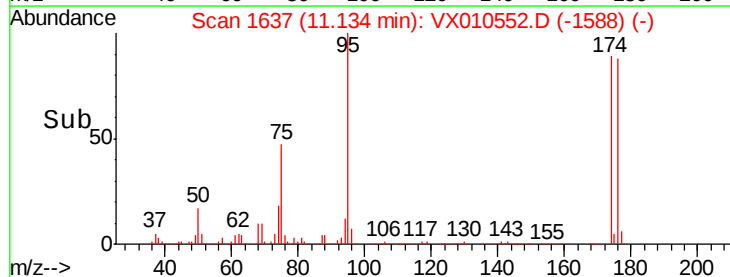
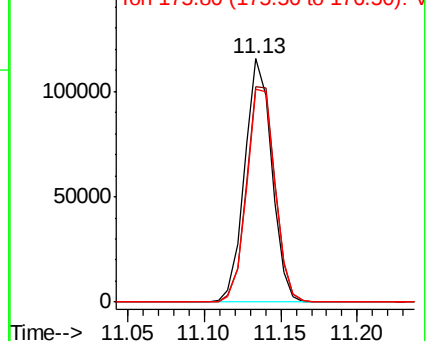
176 91.6 0.0 184.0

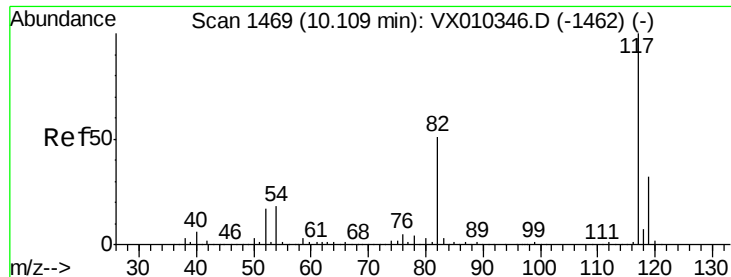


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

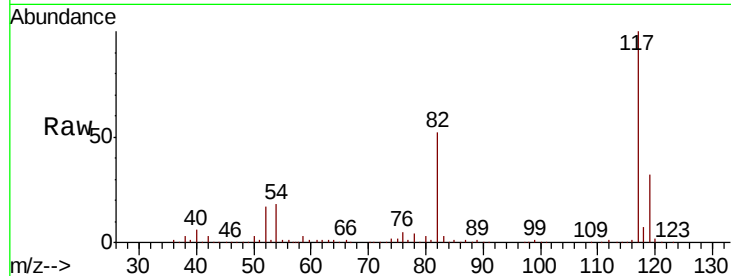




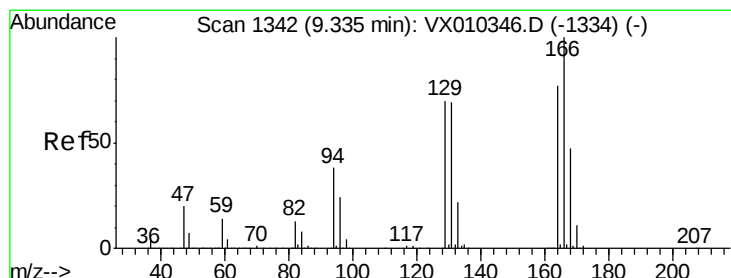
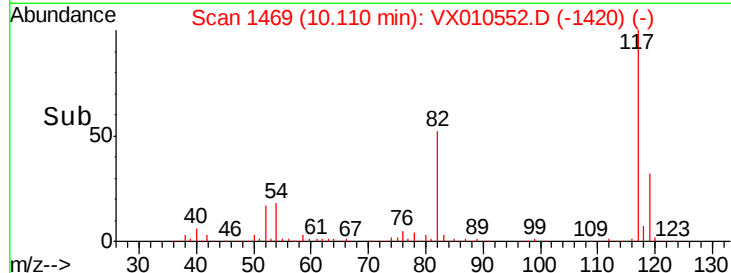
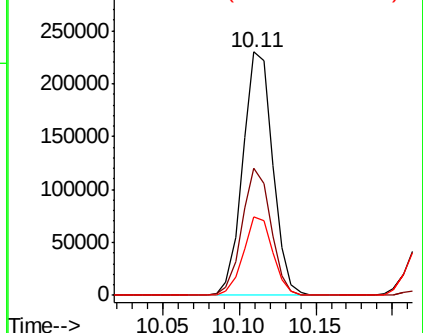
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010552.D
Acq: 28 Jun 2019 22:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 311916
Ion Ratio Lower Upper
117 100
82 52.4 41.2 61.8
119 32.3 25.5 38.3

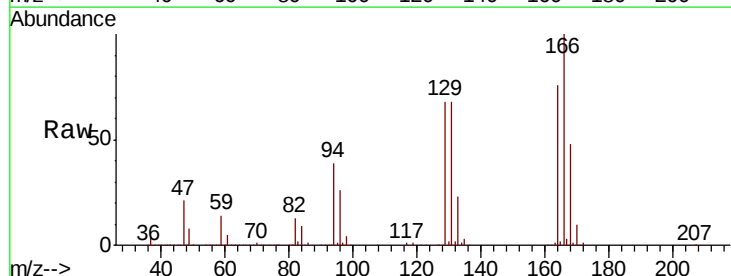


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

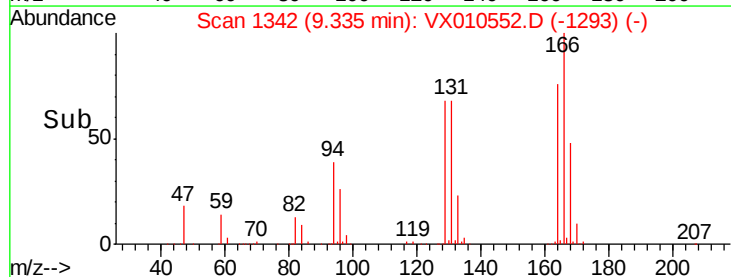
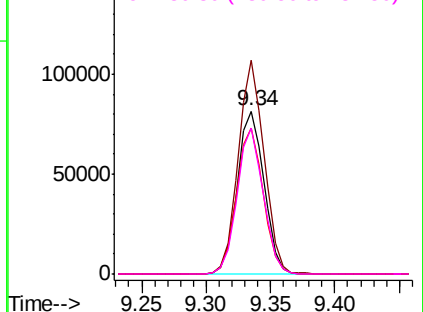


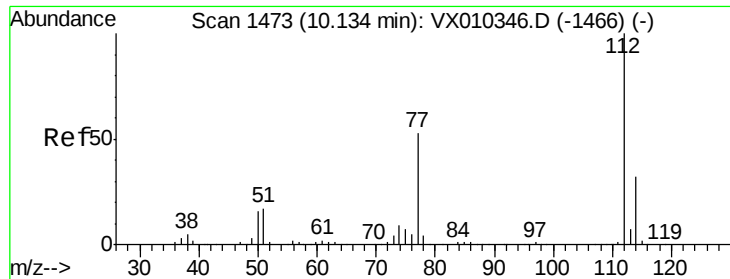
#64
Tetrachloroethene
Concen: 46.668 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010552.D
Acq: 28 Jun 2019 22:24

Tgt Ion:164 Resp: 117737
Ion Ratio Lower Upper
164 100
166 130.9 103.6 155.4
129 89.5 73.0 109.4
131 89.7 71.0 106.4



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

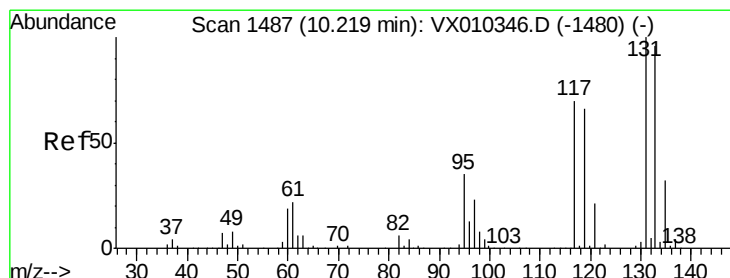
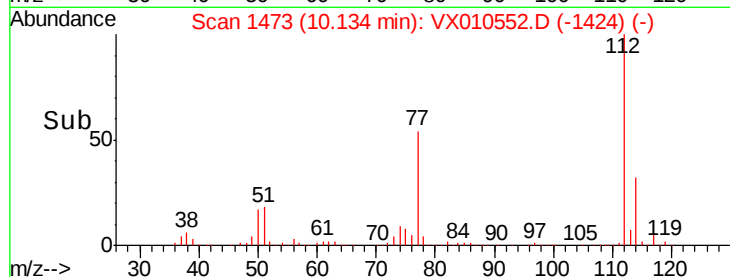
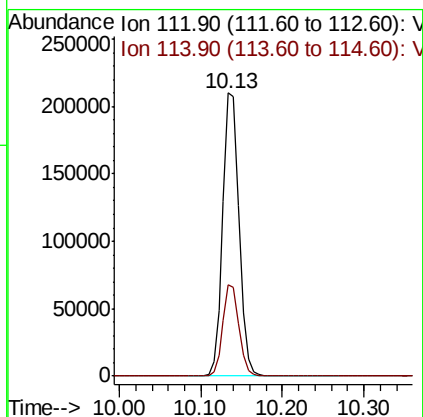
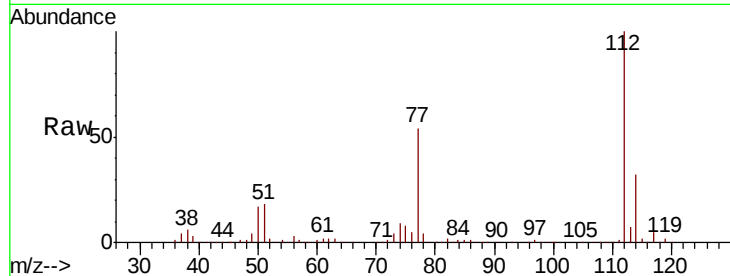




#65
Chlorobenzene
Concen: 46.289 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX010552.D
Acq: 28 Jun 2019 22:24

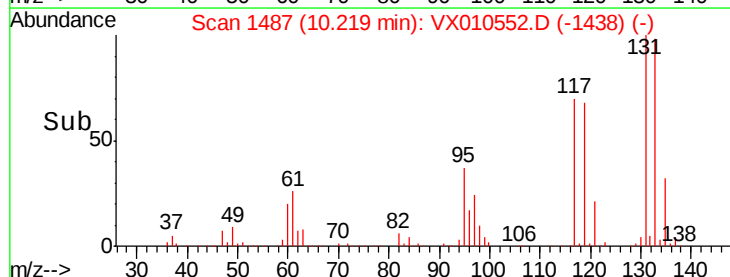
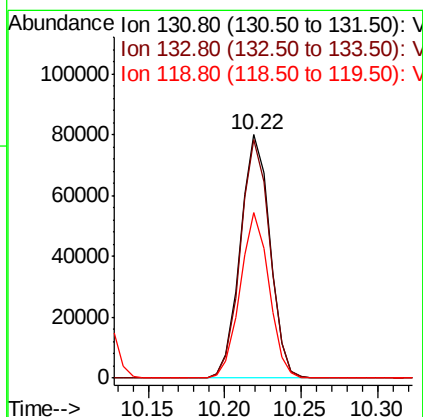
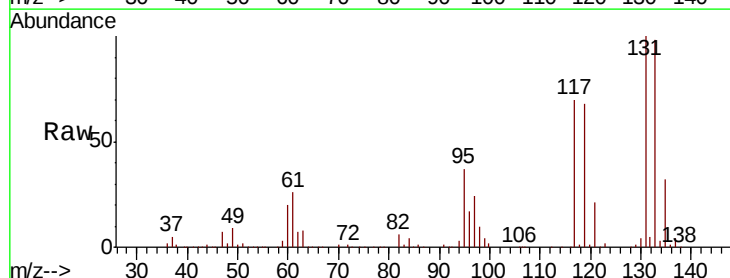
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

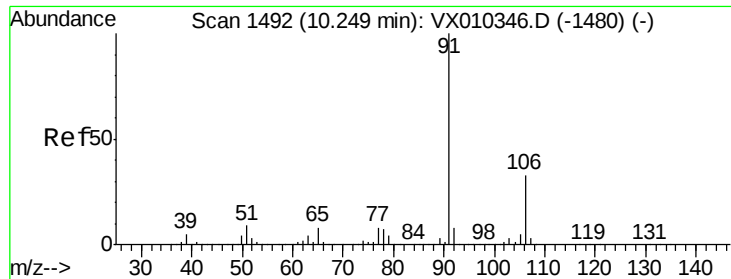
Tot Ion:112 Resp: 293125
Ion Ratio Lower Upper
112 100
114 32.2 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 46.609 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX010552.D
Acq: 28 Jun 2019 22:24

Tgt Ion:131 Resp: 107509
Ion Ratio Lower Upper
131 100
133 97.2 47.7 143.1
119 66.3 32.6 97.7

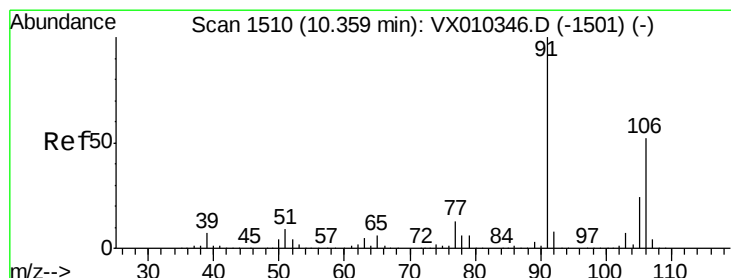
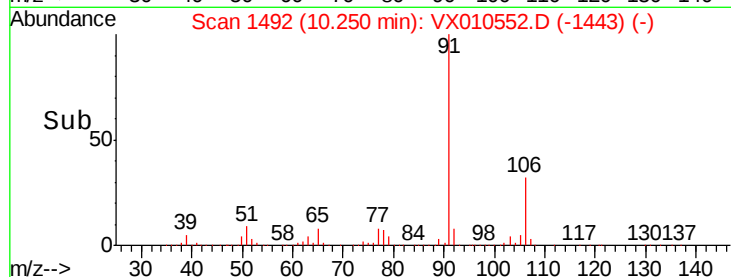
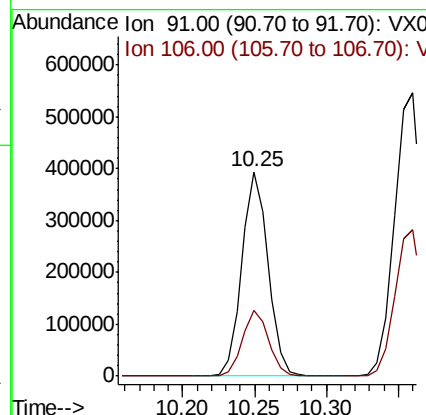
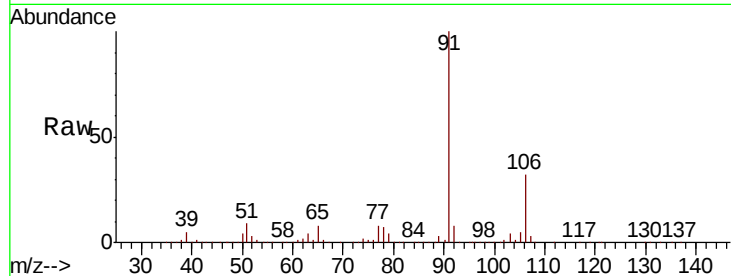




#67
Ethyl Benzene
Concen: 46.590 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010552.D
Acq: 28 Jun 2019 22:24

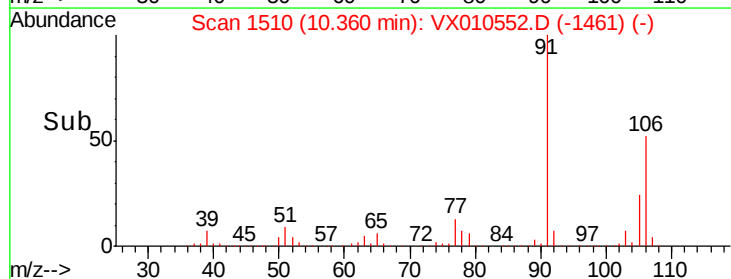
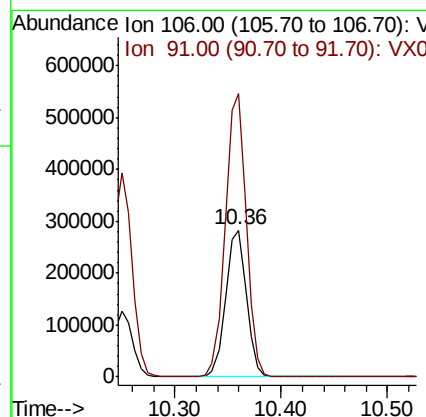
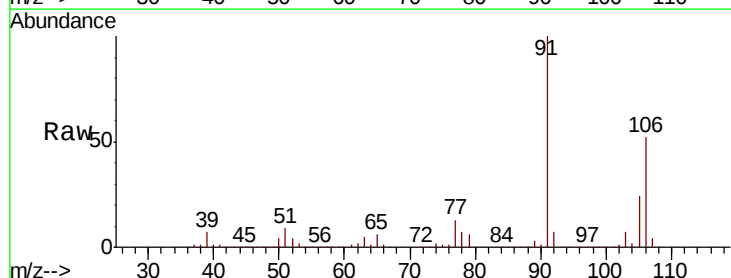
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

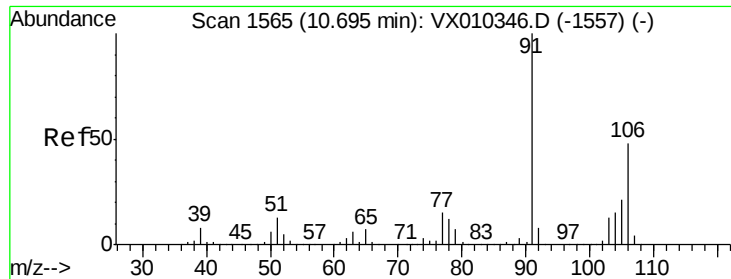
Tot Ion: 91 Resp: 498072
Ion Ratio Lower Upper
91 100
106 32.4 26.2 39.2



#68
m/p-Xylenes
Concen: 93.199 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010552.D
Acq: 28 Jun 2019 22:24

Tgt Ion: 106 Resp: 386063
Ion Ratio Lower Upper
106 100
91 194.4 155.3 232.9

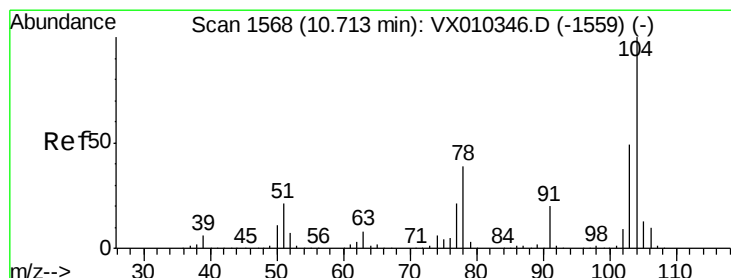
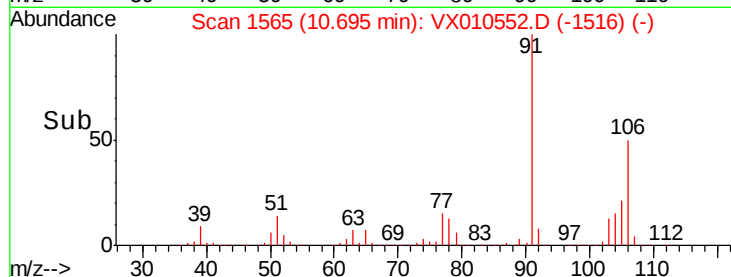
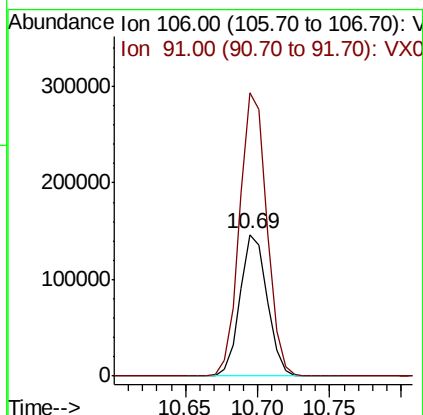
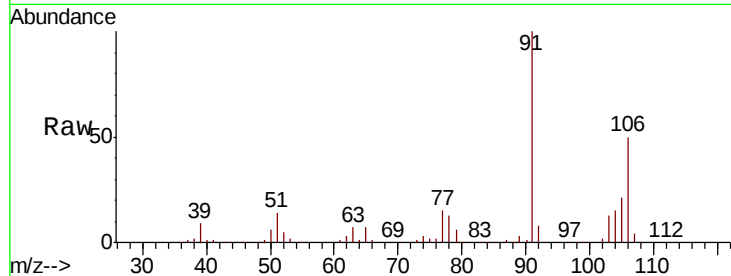




#69
o-Xylene
Concen: 46.956 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010552.D
Acq: 28 Jun 2019 22:24

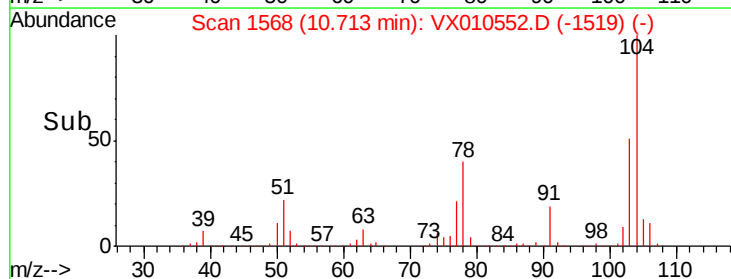
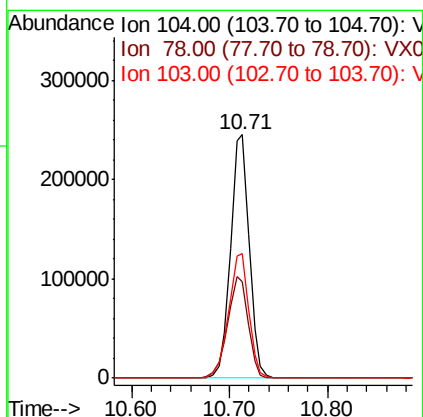
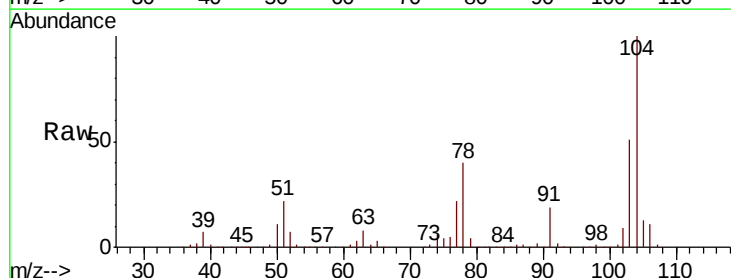
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 191283
Ion Ratio Lower Upper
106 100
91 201.4 102.7 308.1



#70
Styrene
Concen: 47.614 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX010552.D
Acq: 28 Jun 2019 22:24

Tgt Ion:104 Resp: 325280
Ion Ratio Lower Upper
104 100
78 46.0 36.2 54.2
103 55.2 44.2 66.4





#71

Bromoform

Concen: 44.360 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010552.D

Acq: 28 Jun 2019 22:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

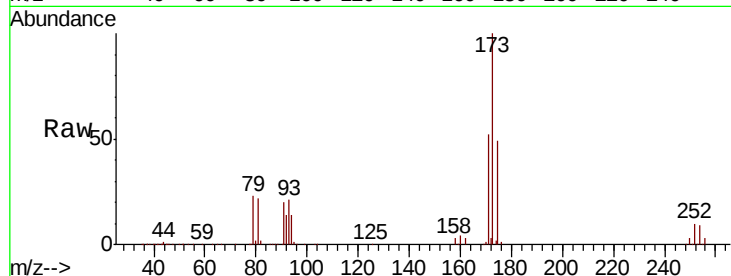
Tot Ion:173 Resp: 88981

Ion Ratio Lower Upper

173 100

175 49.0 24.1 72.3

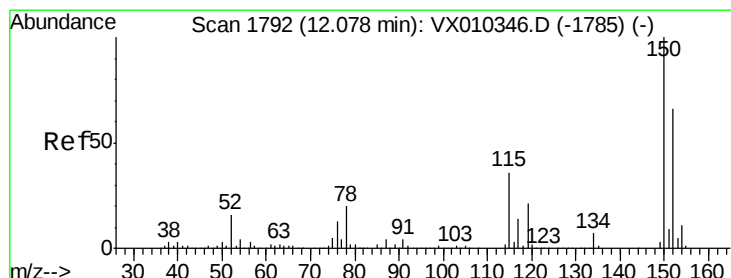
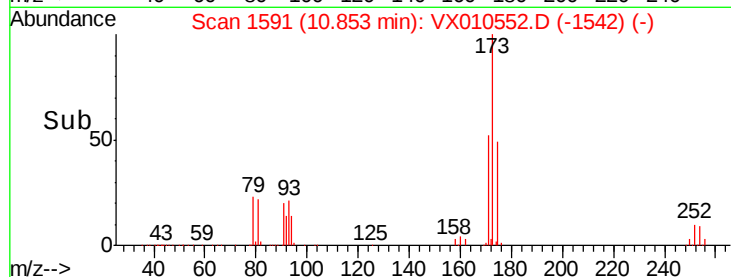
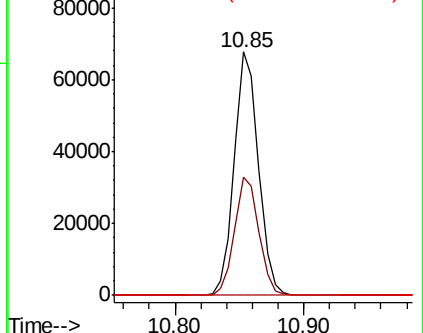
254 0.1 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010552.D

Acq: 28 Jun 2019 22:24

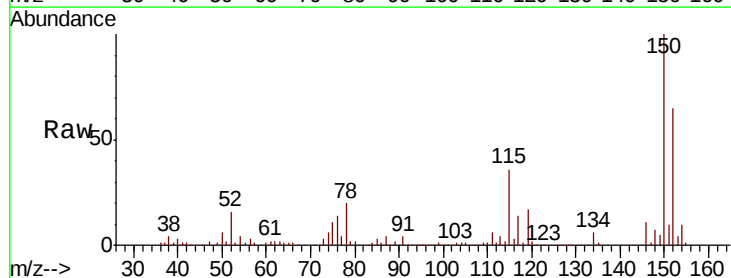
Tgt Ion:152 Resp: 159706

Ion Ratio Lower Upper

152 100

115 76.6 38.6 115.7

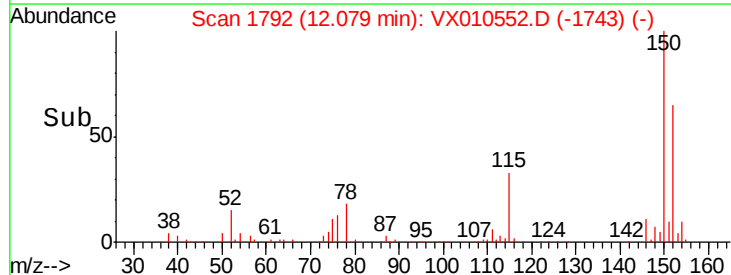
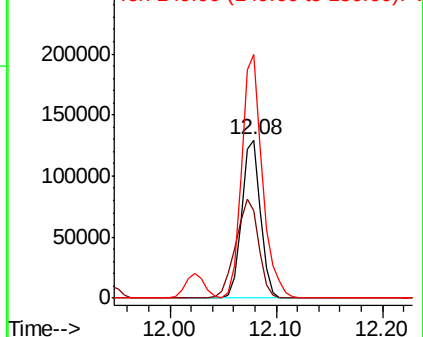
150 169.8 0.0 347.4

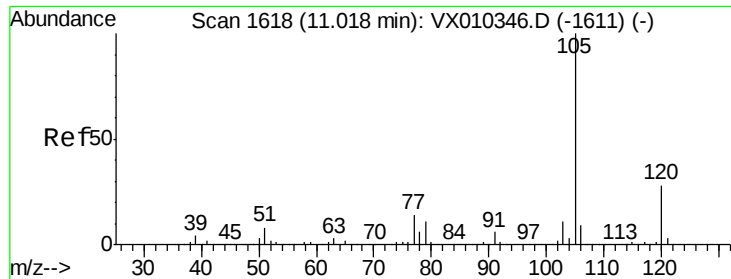


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 46.475 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010552.D

Acq: 28 Jun 2019 22:24

Instrument :

MSVOA_X

ClientSampleId :

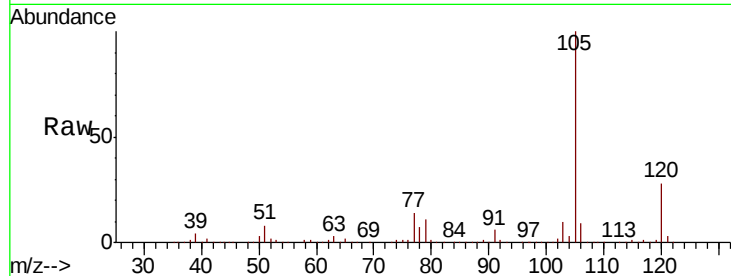
VSTDCCC050

Tot Ion:105 Resp: 503139

Ion Ratio Lower Upper

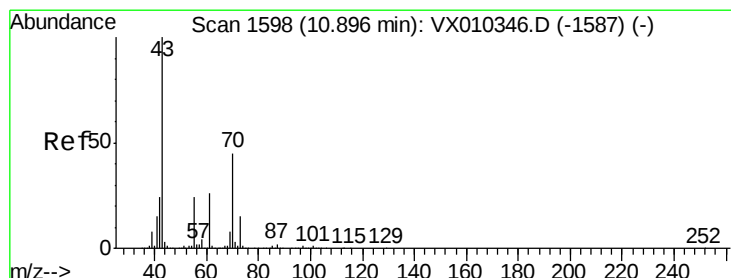
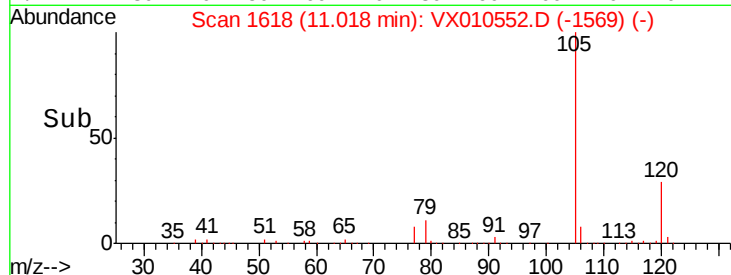
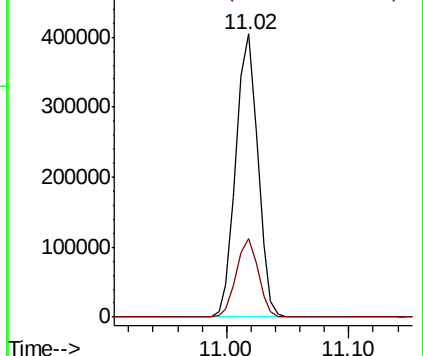
105 100

120 27.6 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: 48.823 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010552.D

Acq: 28 Jun 2019 22:24

Tgt Ion: 43 Resp: 199757

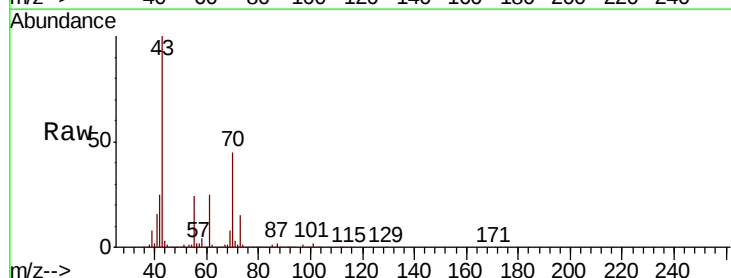
Ion Ratio Lower Upper

43 100

70 44.8 36.6 54.8

55 24.1 18.7 28.1

61 25.0 20.6 31.0

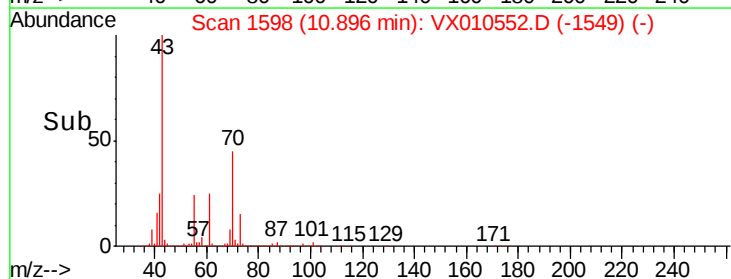
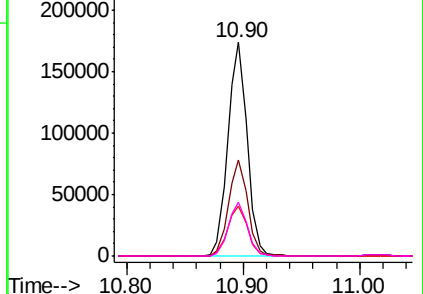


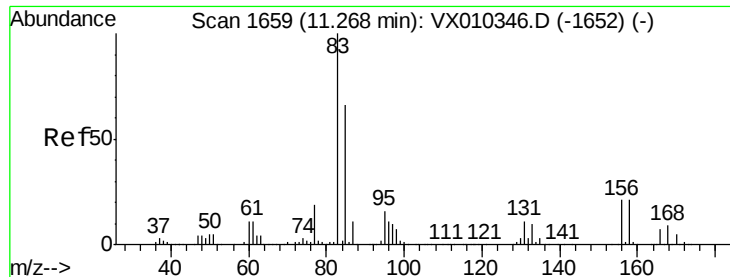
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 47.157 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010552.D

Acq: 28 Jun 2019 22:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

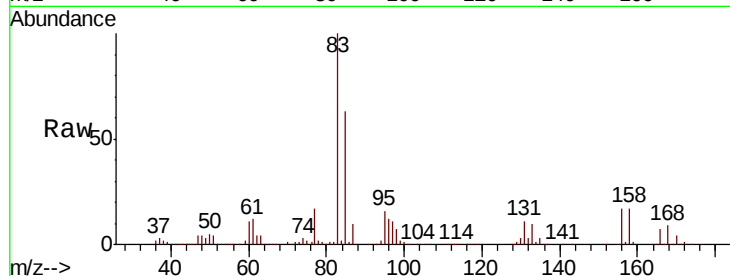
Tot Ion: 83 Resp: 169072

Ion Ratio Lower Upper

83 100

131 10.7 5.5 16.4

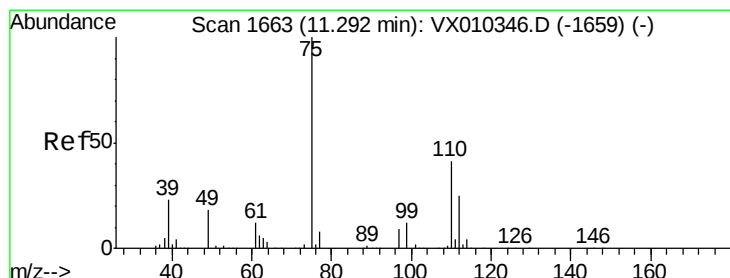
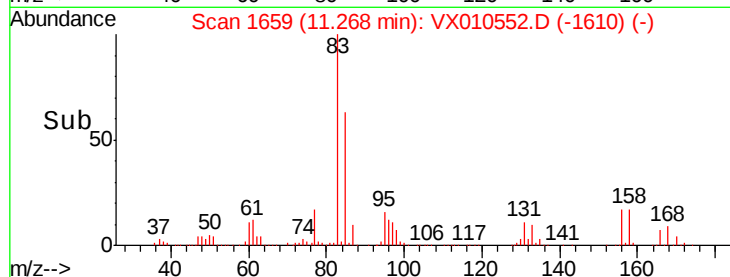
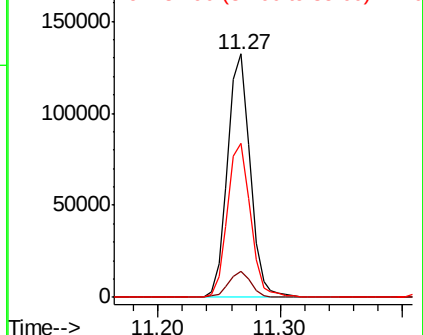
85 65.0 32.3 96.8



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: 63.506 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX010552.D

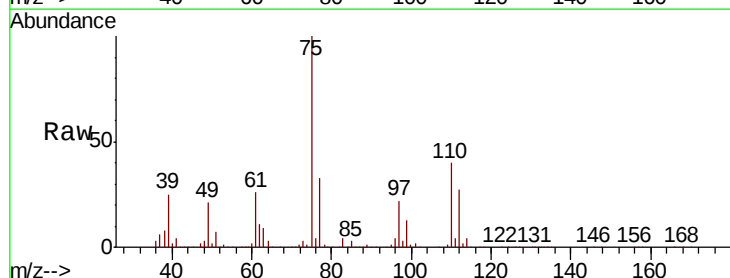
Acq: 28 Jun 2019 22:24

Tgt Ion: 75 Resp: 184820

Ion Ratio Lower Upper

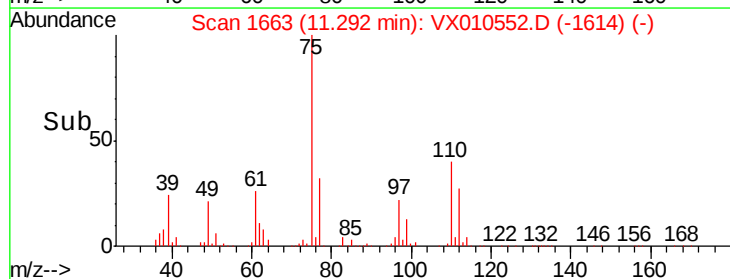
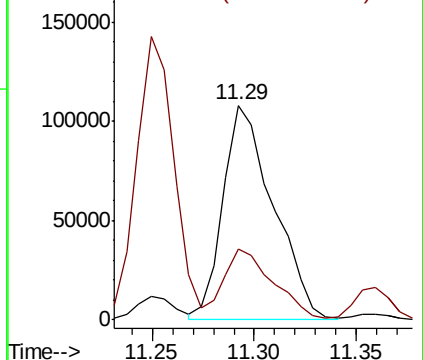
75 100

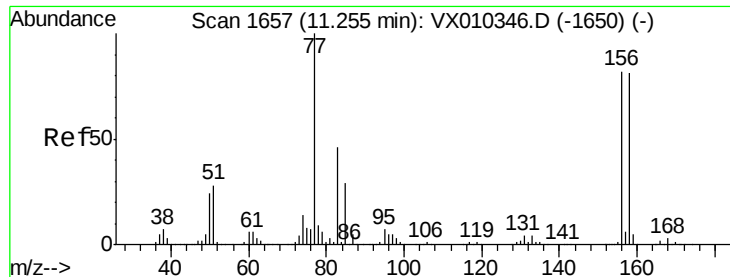
77 32.5 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 45.699 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX010552.D

Acq: 28 Jun 2019 22:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

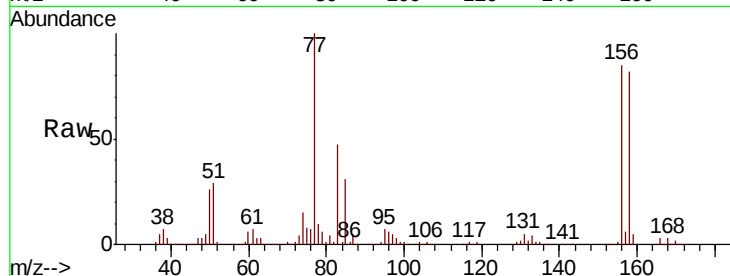
Tot Ion:156 Resp: 138147

Ion Ratio Lower Upper

156 100

77 132.1 66.3 198.7

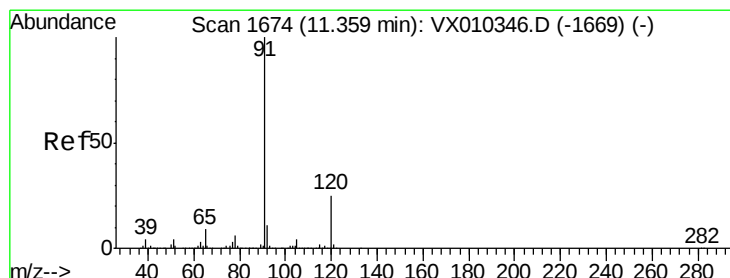
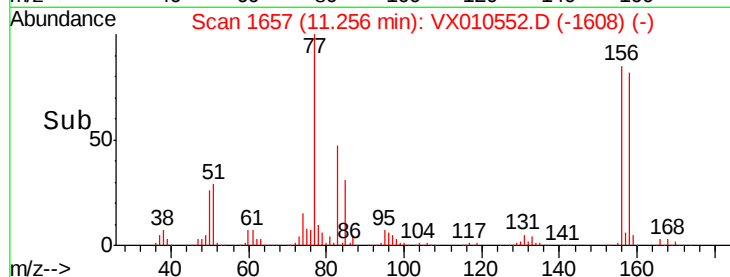
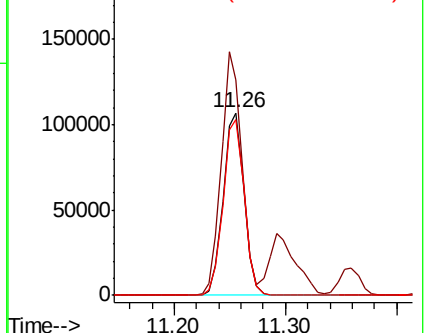
158 97.7 48.9 146.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 47.066 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010552.D

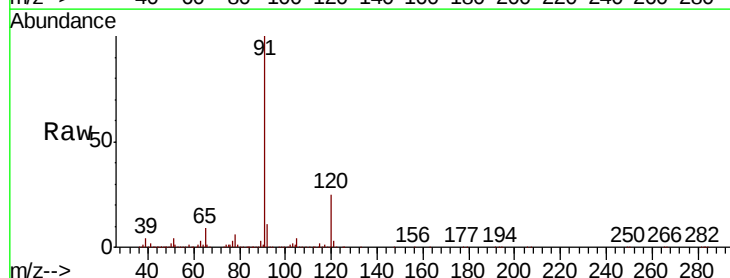
Acq: 28 Jun 2019 22:24

Tgt Ion: 91 Resp: 560006

Ion Ratio Lower Upper

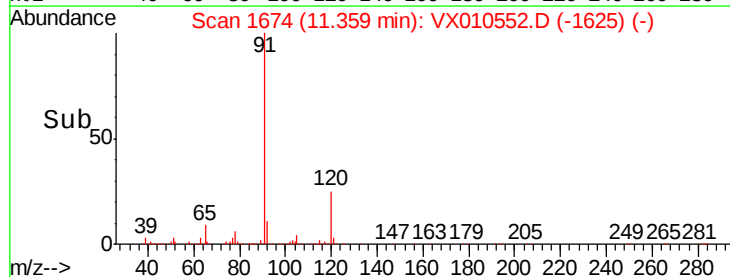
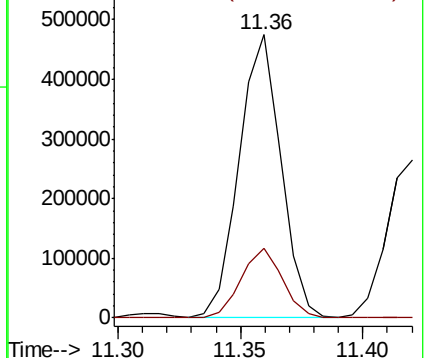
91 100

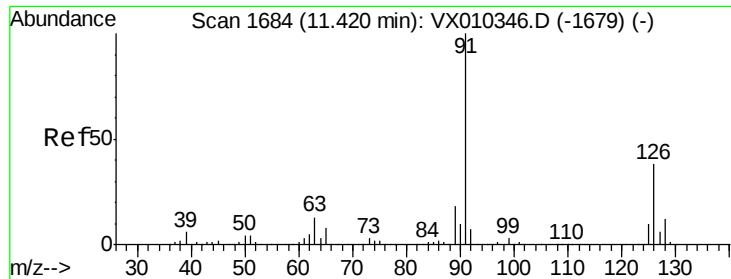
120 24.6 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

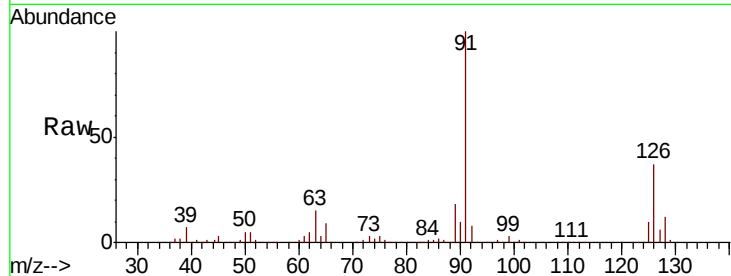




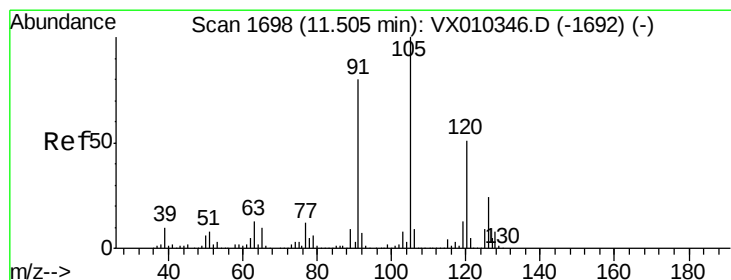
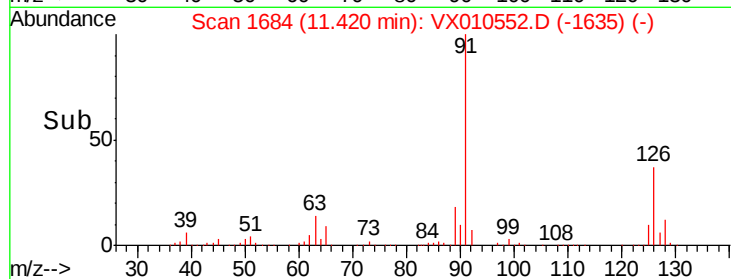
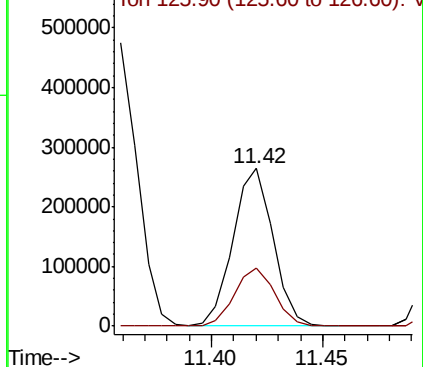
#79
 2-Chlorotoluene
 Concen: 46.614 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX010552.D
 Acq: 28 Jun 2019 22:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 330269
 Ion Ratio Lower Upper
 91 100
 126 37.2 18.7 56.1

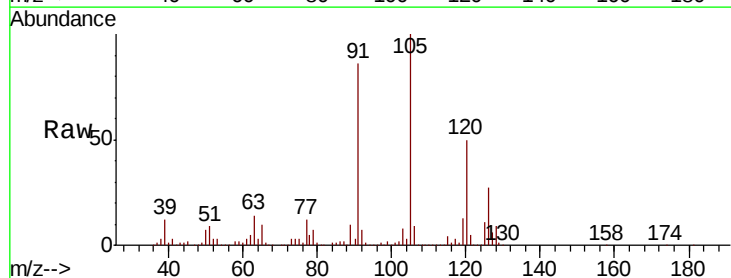


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

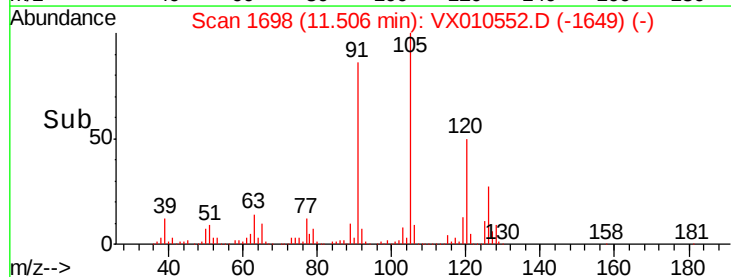
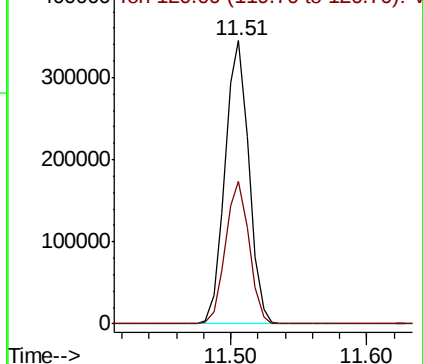


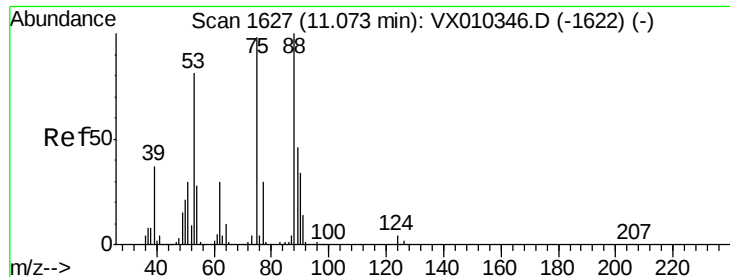
#80
 1,3,5-Trimethylbenzene
 Concen: 46.889 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010552.D
 Acq: 28 Jun 2019 22:24

Tgt Ion:105 Resp: 418473
 Ion Ratio Lower Upper
 105 100
 120 50.1 25.2 75.6



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





#81

trans-1,4-Dichloro-2-butene

Concen: 39.535 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX010552.D

Acq: 28 Jun 2019 22:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

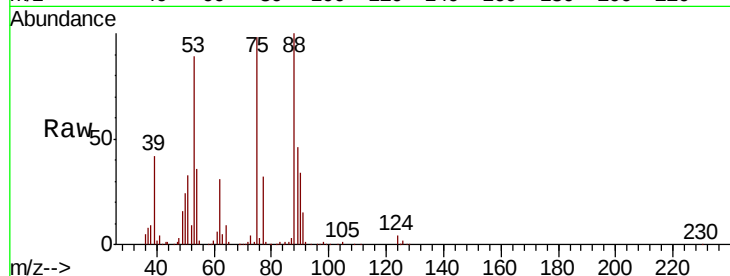
Tot Ion: 75 Resp: 49320

Ion Ratio Lower Upper

75 100

53 90.4 66.1 99.1

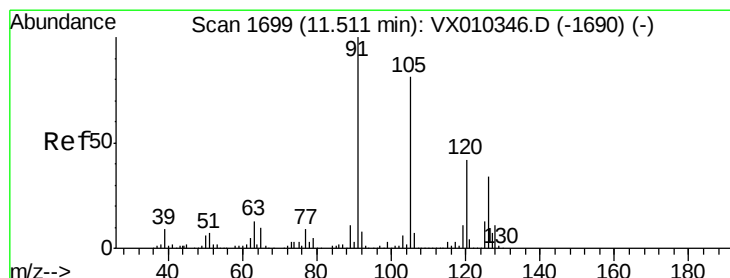
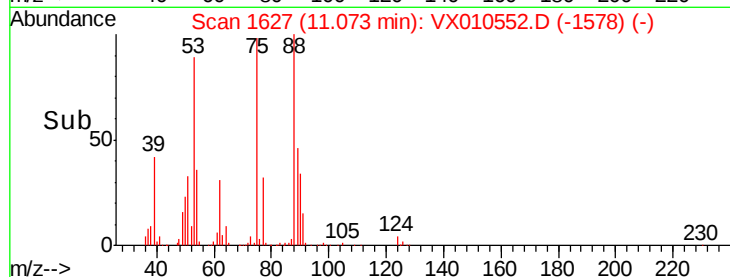
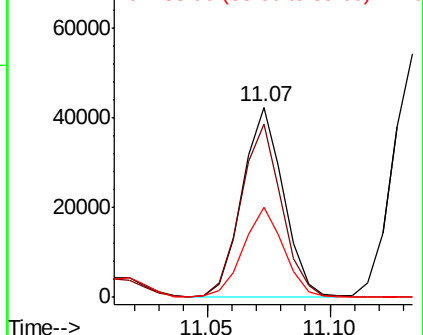
89 46.9 37.8 56.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 46.876 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX010552.D

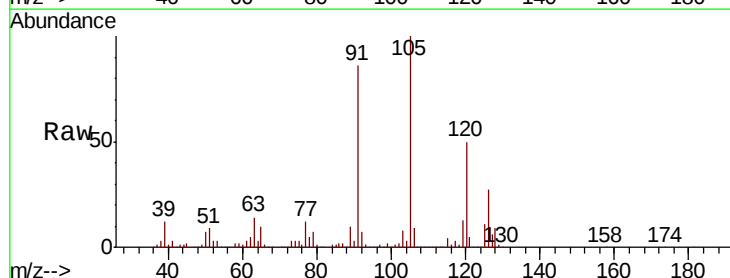
Acq: 28 Jun 2019 22:24

Tgt Ion: 91 Resp: 377921

Ion Ratio Lower Upper

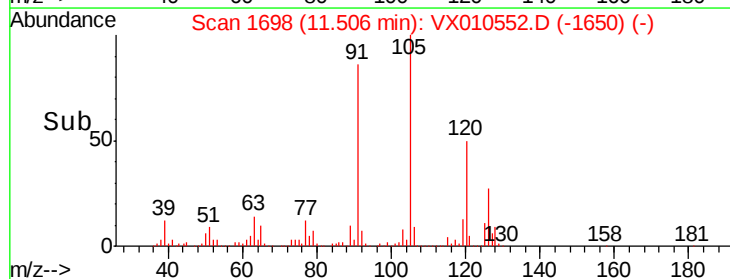
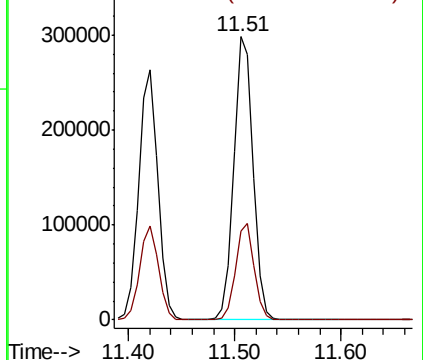
91 100

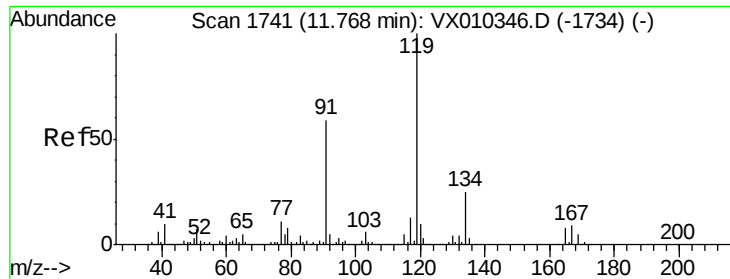
126 32.6 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

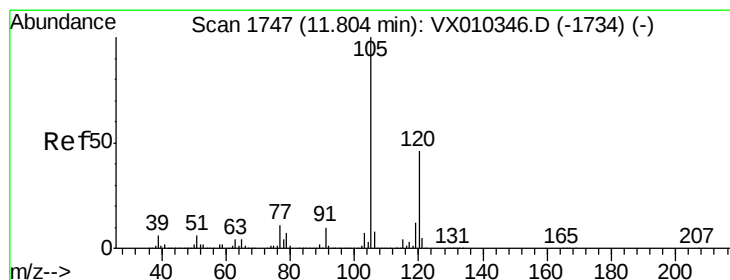
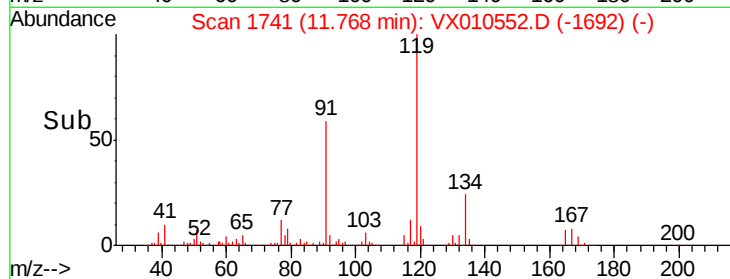
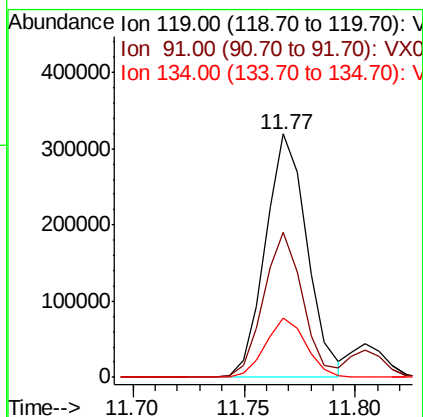
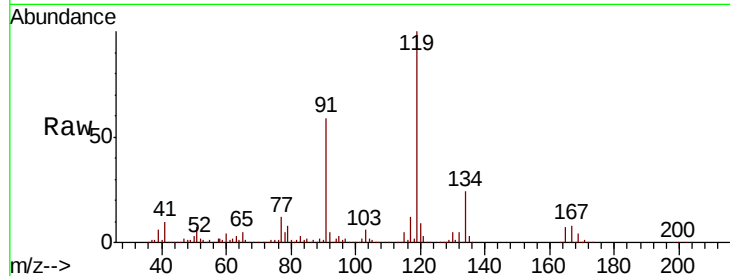




#83
 tert-Butylbenzene
 Concen: 46.248 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX010552.D
 Acq: 28 Jun 2019 22:24

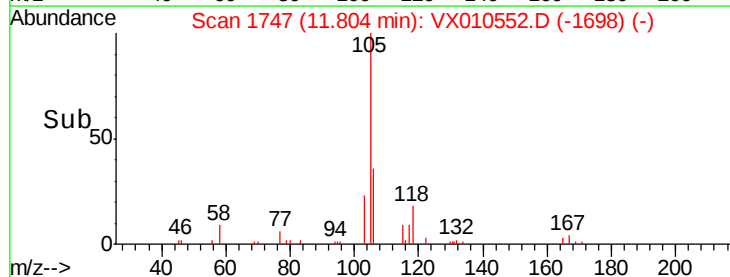
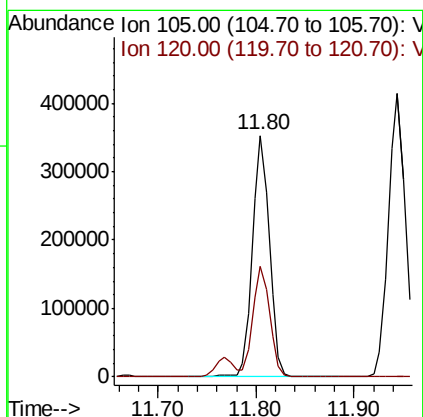
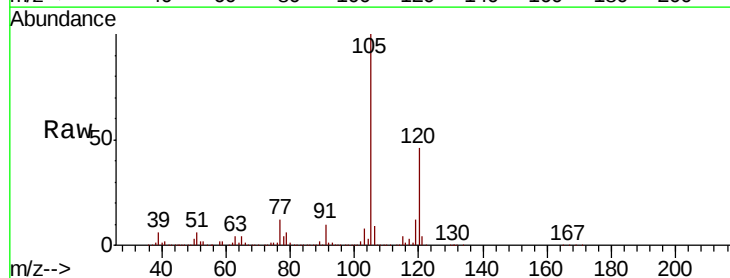
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:119 Resp: 414275
 Ion Ratio Lower Upper
 119 100
 91 56.3 27.6 82.7
 134 23.7 11.8 35.4



#84
 1,2,4-Trimethylbenzene
 Concen: 47.337 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010552.D
 Acq: 28 Jun 2019 22:24

Tgt Ion:105 Resp: 424458
 Ion Ratio Lower Upper
 105 100
 120 45.2 23.1 69.2





#85

sec-Butylbenzene

Concen: 47.336 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010552.D

Acq: 28 Jun 2019 22:24

Instrument :

MSVOA_X

ClientSampleId :

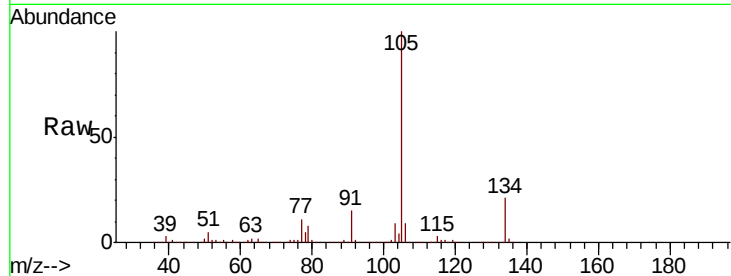
VSTDCCC050

Tot Ion:105 Resp: 497864

Ion Ratio Lower Upper

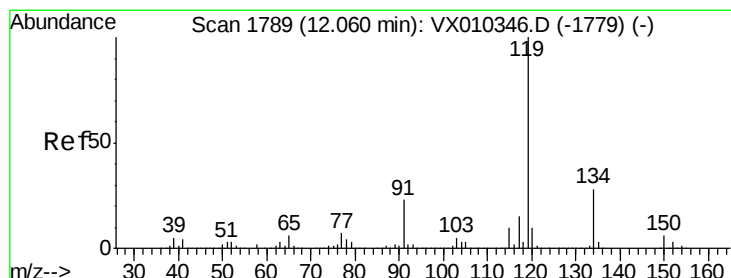
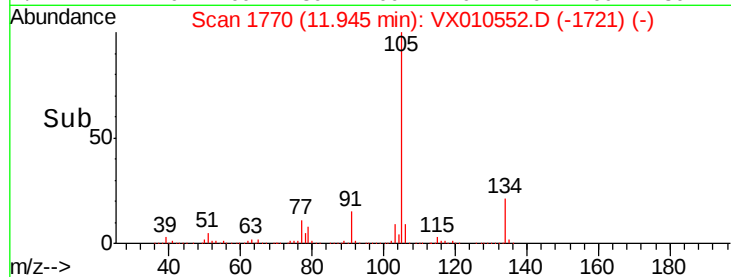
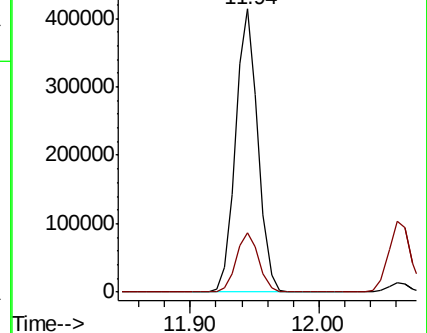
105 100

134 21.2 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 46.485 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010552.D

Acq: 28 Jun 2019 22:24

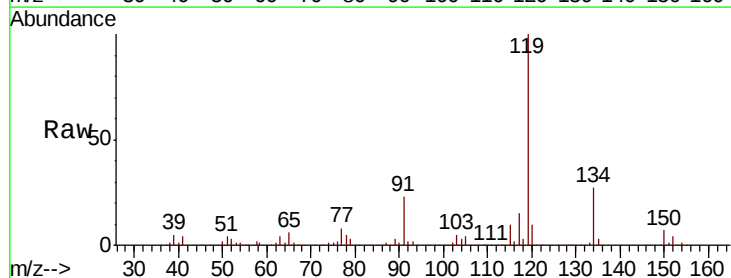
Tgt Ion:119 Resp: 452221

Ion Ratio Lower Upper

119 100

134 27.4 13.7 41.1

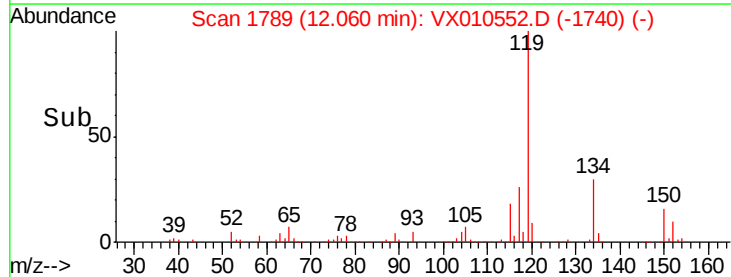
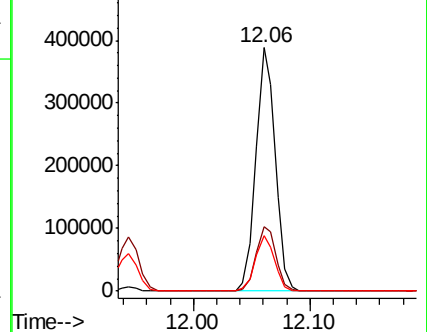
91 22.7 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

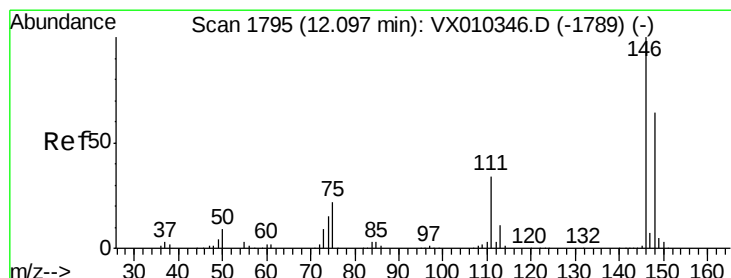
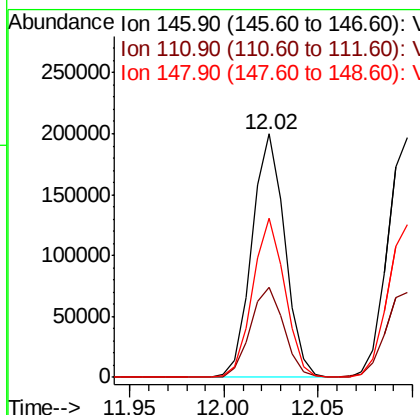
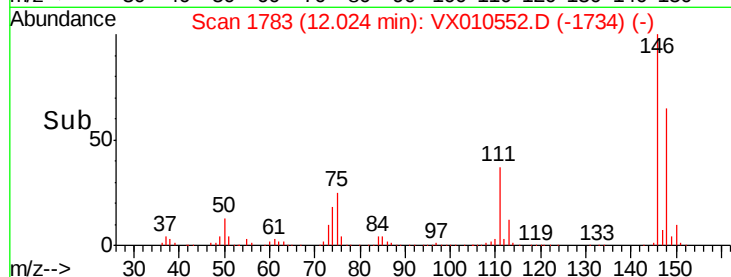
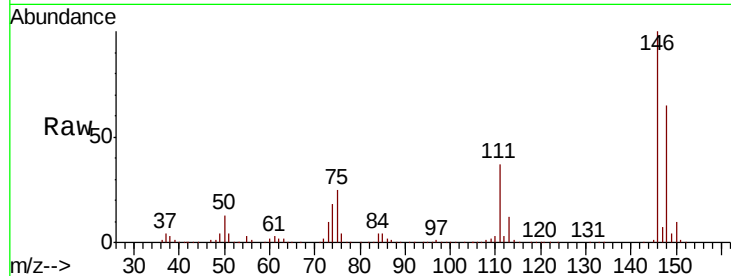




#87
 1,3-Dichlorobenzene
 Concen: 45.797 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010552.D
 Acq: 28 Jun 2019 22:24

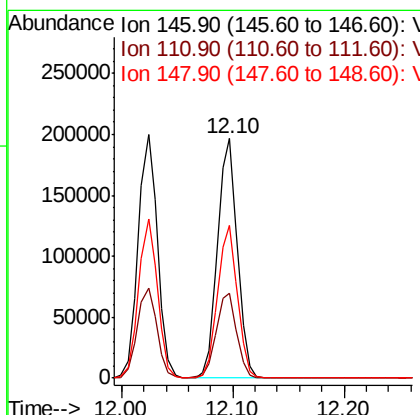
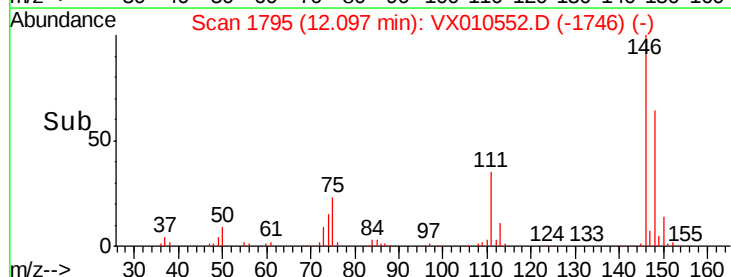
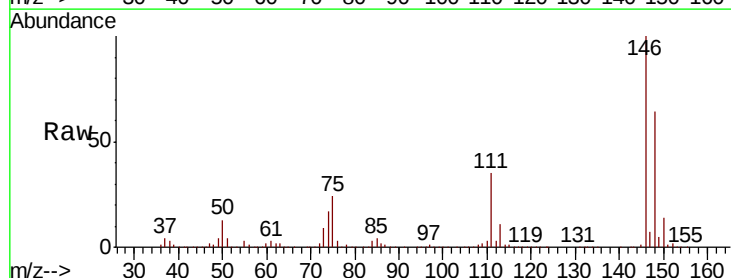
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:146 Resp: 241659
 Ion Ratio Lower Upper
 146 100
 111 37.5 19.1 57.1
 148 64.1 32.5 97.4



#88
 1,4-Dichlorobenzene
 Concen: 44.924 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010552.D
 Acq: 28 Jun 2019 22:24

Tgt Ion:146 Resp: 241330
 Ion Ratio Lower Upper
 146 100
 111 36.8 18.1 54.3
 148 63.5 32.1 96.3

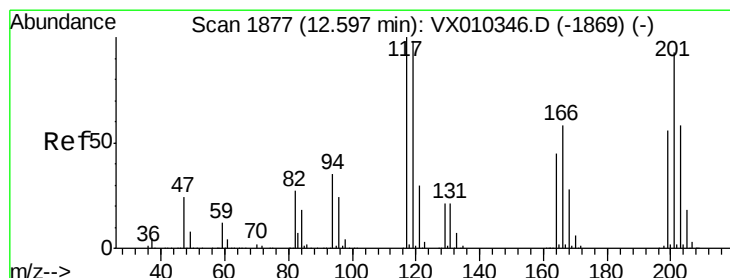
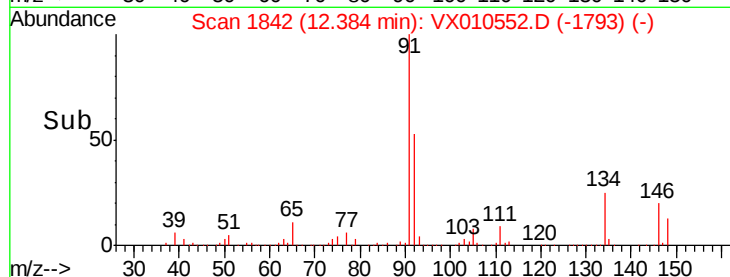
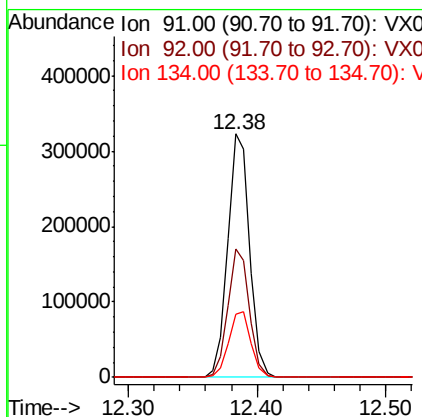
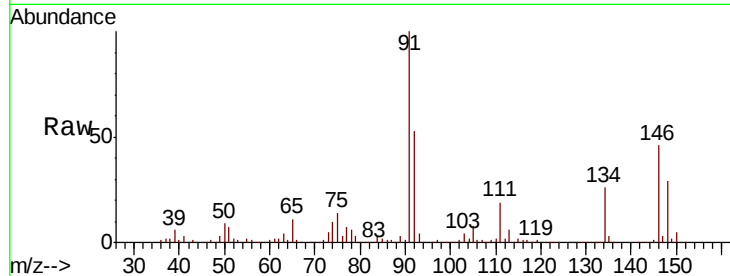




#89
n-Butylbenzene
Concen: 46.496 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010552.D
Acq: 28 Jun 2019 22:24

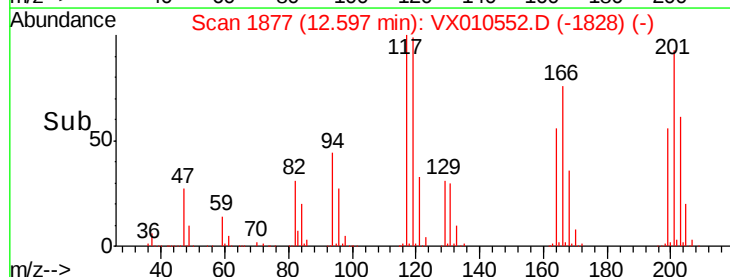
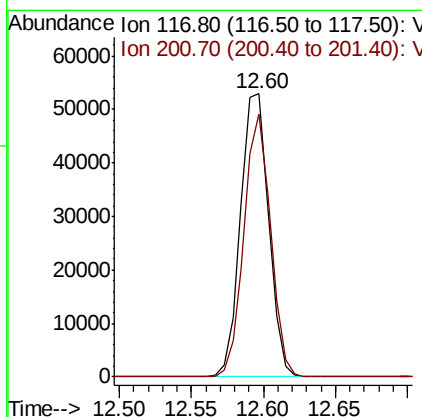
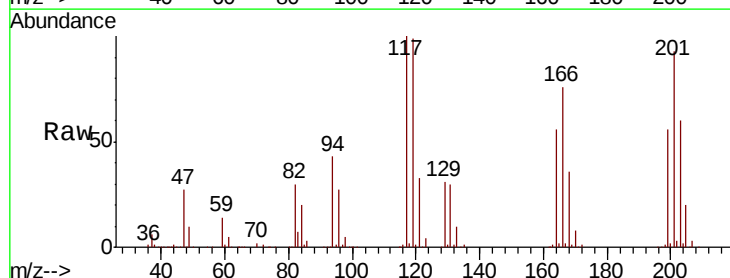
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 384367
Ion Ratio Lower Upper
91 100
92 52.1 26.2 78.5
134 27.3 14.1 42.4



#90
Hexachloroethane
Concen: 42.832 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX010552.D
Acq: 28 Jun 2019 22:24

Tgt Ion: 117 Resp: 72051
Ion Ratio Lower Upper
117 100
201 87.0 44.0 131.8

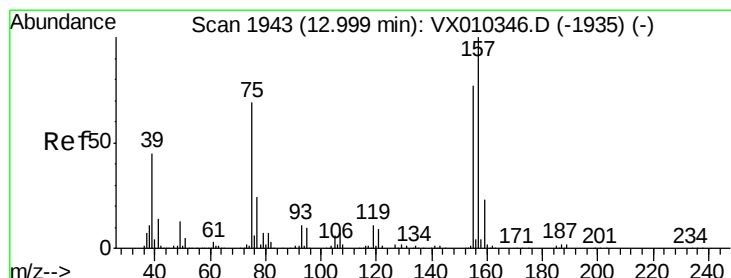
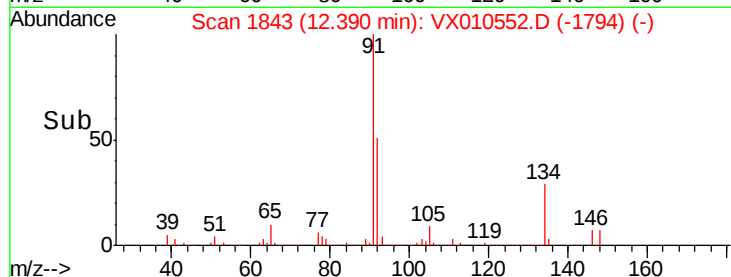
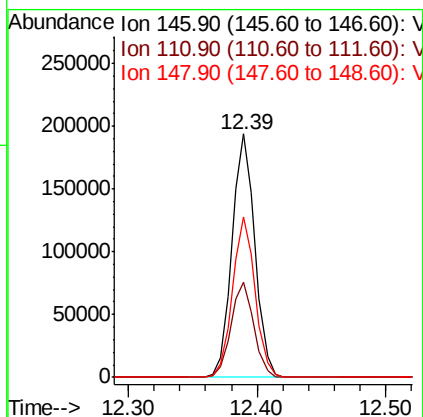
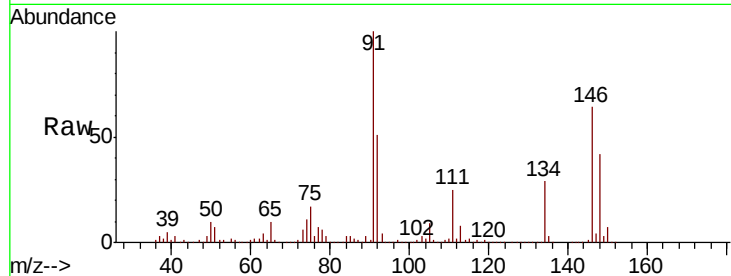




#91
 1,2-Dichlorobenzene
 Concen: 45.826 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX010552.D
 Acq: 28 Jun 2019 22:24

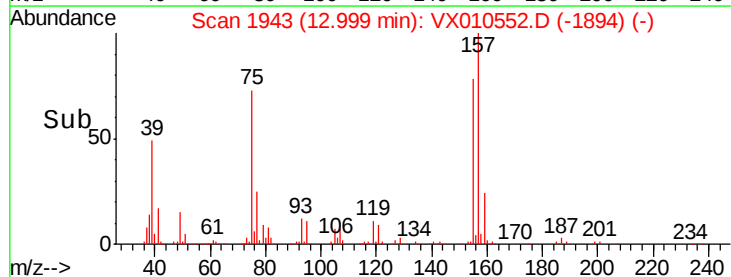
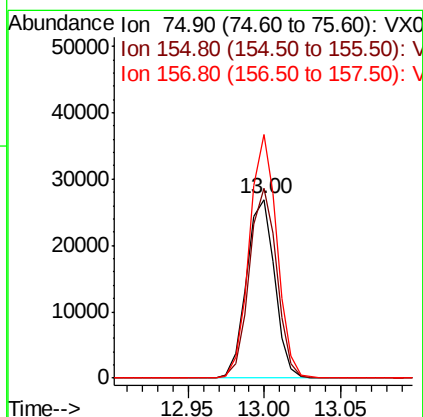
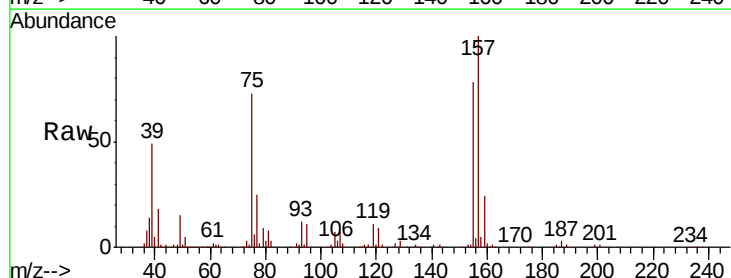
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

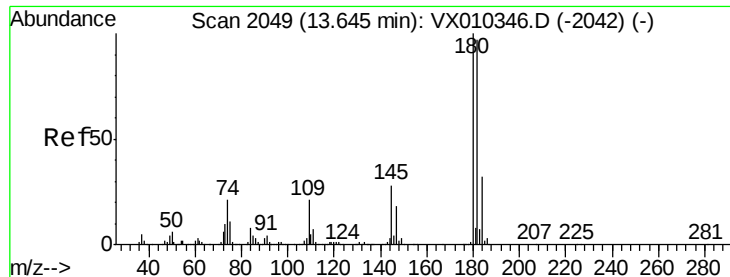
Tot Ion:146 Resp: 240332
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.2 57.6
 148 65.0 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.707 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX010552.D
 Acq: 28 Jun 2019 22:24

Tgt Ion: 75 Resp: 34559
 Ion Ratio Lower Upper
 75 100
 155 103.6 54.4 163.1
 157 132.5 69.5 208.3

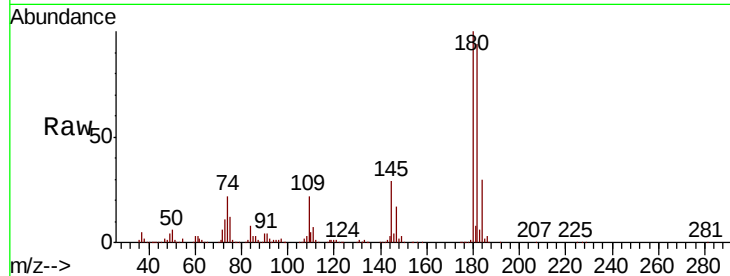




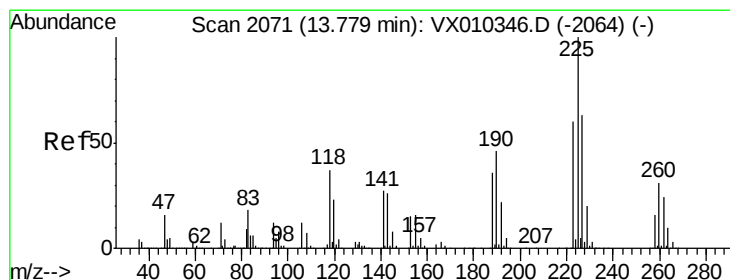
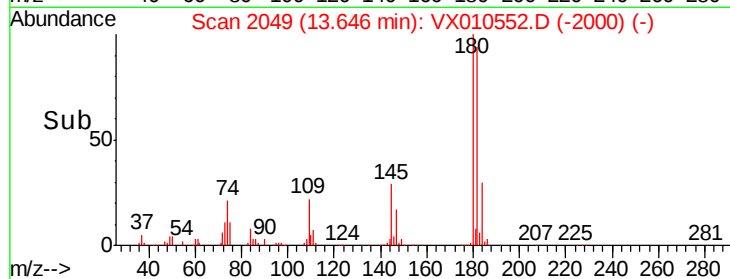
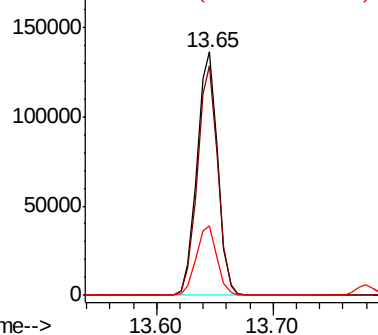
#93
 1,2,4-Trichlorobenzene
 Concen: 45.729 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX010552.D
 Acq: 28 Jun 2019 22:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:180 Resp: 166312
 Ion Ratio Lower Upper
 180 100
 182 93.5 48.0 144.0
 145 28.8 14.4 43.4

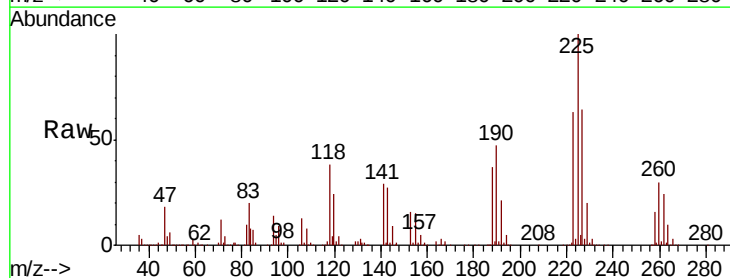


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

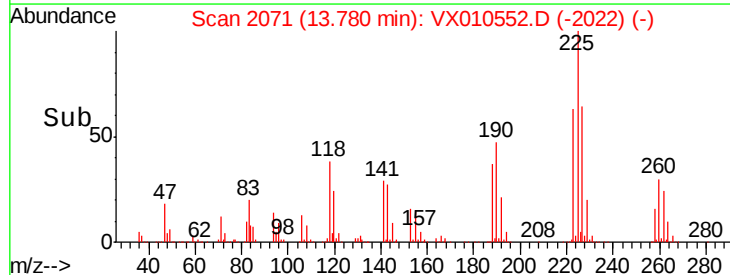
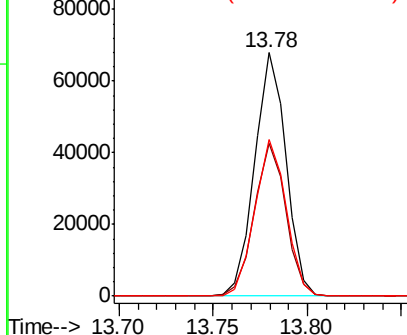


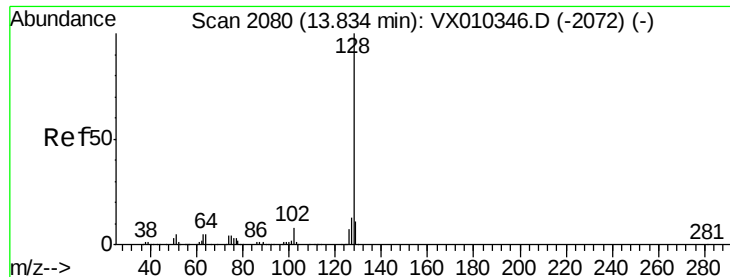
#94
 Hexachlorobutadiene
 Concen: 44.248 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX010552.D
 Acq: 28 Jun 2019 22:24

Tgt Ion:225 Resp: 78650
 Ion Ratio Lower Upper
 225 100
 223 63.2 30.9 92.7
 227 64.4 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: 47.479 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010552.D

Acq: 28 Jun 2019 22:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

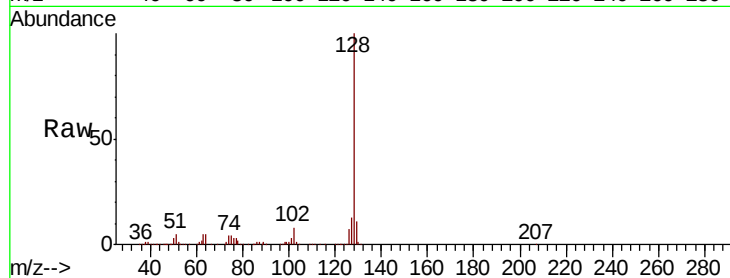
Tot Ion:128 Resp: 530646

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

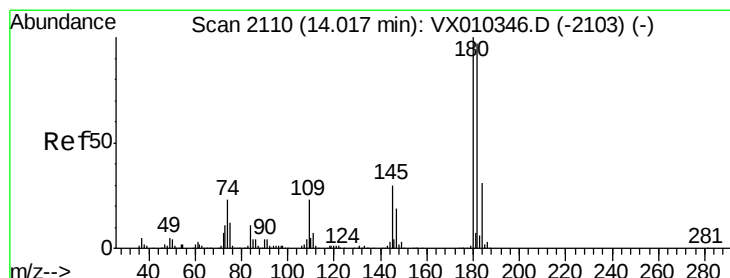
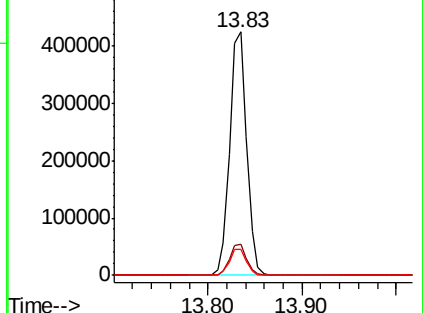
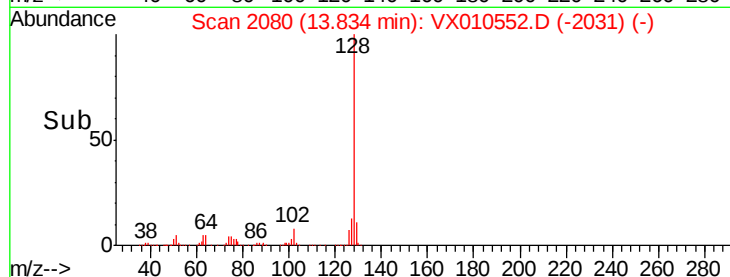
129 10.9 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 46.720 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX010552.D

Acq: 28 Jun 2019 22:24

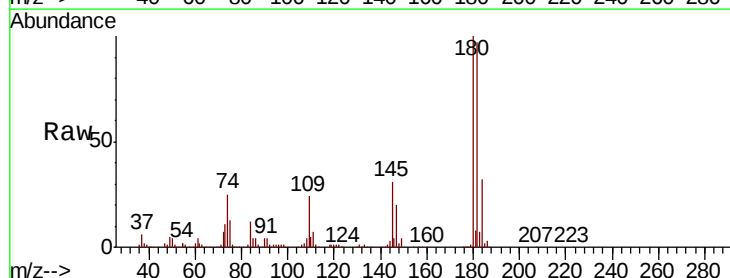
Tgt Ion:180 Resp: 168942

Ion Ratio Lower Upper

180 100

182 95.9 47.8 143.3

145 30.9 15.2 45.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

