

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071819\
 Data File : VX010947.D
 Acq On : 18 Jul 2019 10:27
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 18 10:52:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 12:41:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	222830	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.85	114	323140	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	301945	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	161906	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	113682	47.96	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.92%	
35) Dibromofluoromethane	5.49	113	106875	52.11	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.22%	
50) Toluene-d8	8.71	98	398936	51.86	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.72%	
62) 4-Bromofluorobenzene	11.13	95	150222	53.13	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	106.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	117003	49.250	ug/l	99
3) Chloromethane	1.32	50	102643	50.091	ug/l	98
4) Vinyl Chloride	1.41	62	107613	51.487	ug/l	99
5) Bromomethane	1.64	94	55295	46.947	ug/l	98
6) Chloroethane	1.71	64	64133	48.284	ug/l	98
7) Trichlorofluoromethane	1.93	101	179937	50.858	ug/l	97
8) Diethyl Ether	2.19	74	59249	48.604	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	102483	50.731	ug/l	99
10) Methyl Iodide	2.51	142	126920	47.877	ug/l	97
11) Tert butyl alcohol	3.04	59	116957	211.846	ug/l	98
12) 1,1-Dichloroethene	2.37	96	98749	49.752	ug/l	97
13) Acrolein	2.29	56	69480	217.823	ug/l	100
14) Allyl chloride	2.73	41	142939	49.580	ug/l	97
15) Acrylonitrile	3.14	53	261066	234.016	ug/l	98
16) Acetone	2.44	43	275540	257.354	ug/l	96
17) Carbon Disulfide	2.57	76	250025	49.108	ug/l	100
18) Methyl Acetate	2.77	43	110835	45.463	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	310472	48.591	ug/l	98
20) Methylene Chloride	2.85	84	107310	47.295	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	101907	48.389	ug/l	95
22) Diisopropyl ether	3.85	45	296871	48.824	ug/l	91
23) Vinyl Acetate	3.81	43	1303356	252.985	ug/l	99
24) 1,1-Dichloroethane	3.70	63	169837	48.096	ug/l	100
25) 2-Butanone	4.67	43	382574	248.957	ug/l	100
26) 2,2-Dichloropropane	4.58	77	143165	49.377	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	118260	48.521	ug/l	96
28) Bromochloromethane	5.01	49	80882	48.606	ug/l	94
29) Tetrahydrofuran	5.12	42	230609	236.898	ug/l	98
30) Chloroform	5.21	83	184288	48.283	ug/l	95
31) Cyclohexane	5.57	56	162197	50.392	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	162677	49.263	ug/l	99
36) 1,1-Dichloropropene	5.79	75	136641	51.479	ug/l	97
37) Ethyl Acetate	4.83	43	135000	49.670	ug/l	99
38) Carbon Tetrachloride	5.78	117	144826	52.361	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	180498	52.438	ug/l	97
40) Benzene	6.14	78	414200	50.943	ug/l	100
41) Methacrylonitrile	5.04	41	75392	48.864	ug/l	96
42) 1,2-Dichloroethane	6.18	62	140401	49.664	ug/l	97
43) Isopropyl Acetate	6.44	43	221490	49.560	ug/l	97
44) Trichloroethene	7.21	130	120568	50.097	ug/l	97
45) 1,2-Dichloropropane	7.51	63	103250	49.893	ug/l	100
46) Dibromomethane	7.66	93	75714	51.202	ug/l	95
47) Bromodichloromethane	7.90	83	139207	52.885	ug/l	97
48) Methyl methacrylate	7.76	41	108588	49.877	ug/l	96
49) 1,4-Dioxane	7.73	88	58233	956.220	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	730585	252.184	ug/l	98
52) Toluene	8.78	92	268775	50.320	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	152796	53.985	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	167231	53.099	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	110669	50.321	ug/l	99
56) Ethyl methacrylate	9.18	69	169966	52.834	ug/l	95
57) 1,3-Dichloropropane	9.37	76	175804	50.391	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	408758	266.177	ug/l	99
59) 2-Hexanone	9.49	43	585162	260.420	ug/l	97
60) Dibromochloromethane	9.58	129	123227	48.752	ug/l	99
61) 1,2-Dibromoethane	9.67	107	121064	51.870	ug/l	99
64) Tetrachloroethene	9.34	164	121571	51.180	ug/l	97
65) Chlorobenzene	10.13	112	306309	49.391	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	112310	51.527	ug/l	99
67) Ethyl Benzene	10.25	91	538371	51.001	ug/l	100
68) m/p-Xylenes	10.36	106	416799	102.933	ug/l	98
69) o-Xylene	10.69	106	199395	50.456	ug/l	97
70) Styrene	10.71	104	343243	52.104	ug/l	97
71) Bromoform	10.85	173	92349	46.710	ug/l #	99
73) Isopropylbenzene	11.02	105	547021	50.002	ug/l	98
74) N-amyl acetate	10.90	43	205829	49.241	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	172158	48.087	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	189441	63.104	ug/l	81
77) Bromobenzene	11.25	156	147232	48.791	ug/l	96
78) n-propylbenzene	11.36	91	621446	51.411	ug/l	98
79) 2-Chlorotoluene	11.42	91	360517	49.648	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	464385	50.800	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	52043	45.517	ug/l	89
82) 4-Chlorotoluene	11.51	91	424905	50.276	ug/l	99
83) tert-Butylbenzene	11.77	119	450289	50.148	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	471693	51.195	ug/l	99
85) sec-Butylbenzene	11.94	105	541697	51.486	ug/l	99
86) p-Isopropyltoluene	12.06	119	508689	52.297	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	266475	50.885	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	263749	49.081	ug/l	99
89) n-Butylbenzene	12.38	91	444774	53.448	ug/l	99
90) Hexachloroethane	12.60	117	80982	52.785	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	258229	49.754	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	36070	48.198	ug/l	89

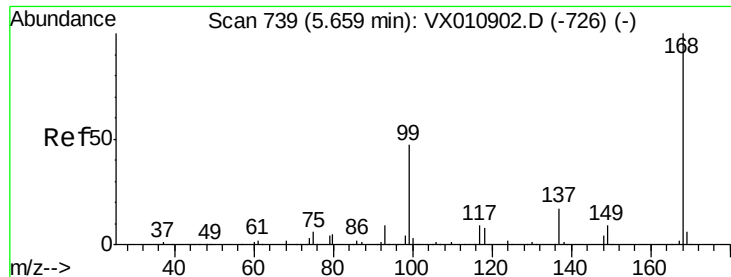
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX071819\
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	181905	51.716	ug/l	99
94) Hexachlorobutadiene	13.78	225	90525	51.935	ug/l	99
95) Naphthalene	13.83	128	529788	51.007	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	181967	51.994	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.01 min

Lab File: VX010947.D

Acq: 18 Jul 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

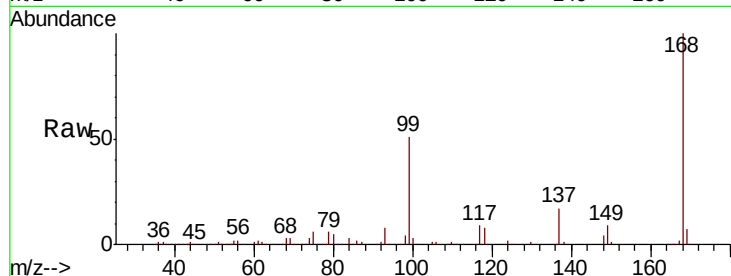
VSTDCCC050

Tgt Ion:168 Resp: 222830

Ion Ratio Lower Upper

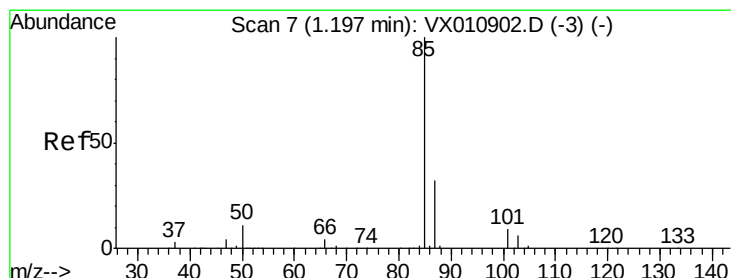
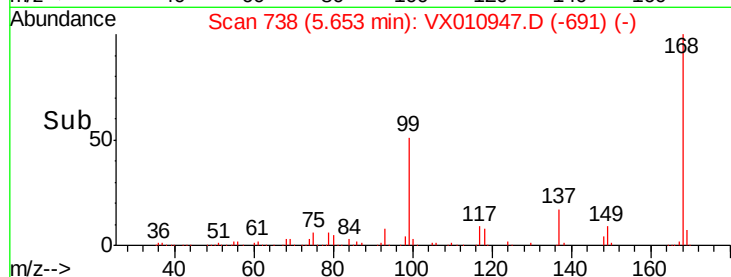
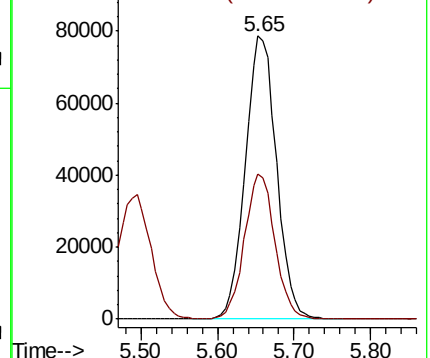
168 100

99 51.1 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 49.250 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010947.D

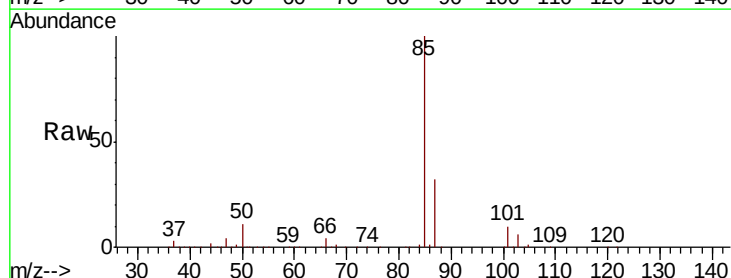
Acq: 18 Jul 2019 10:27

Tgt Ion: 85 Resp: 117003

Ion Ratio Lower Upper

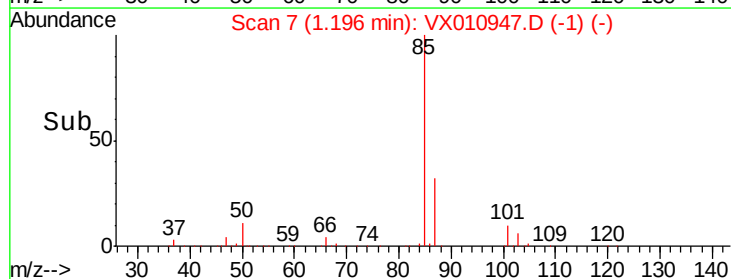
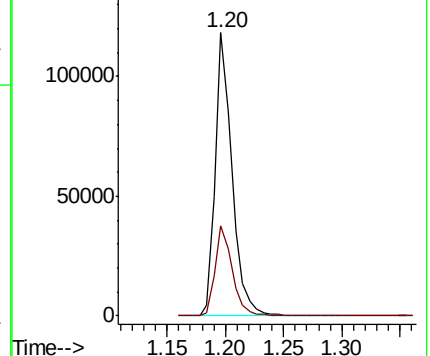
85 100

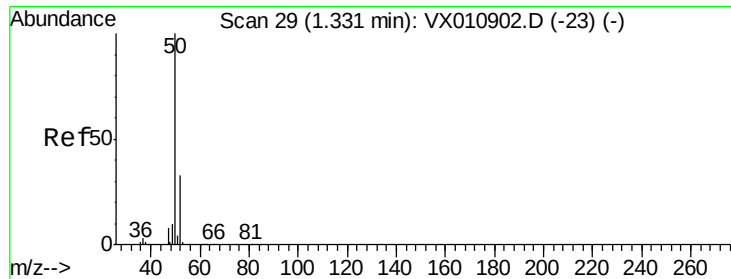
87 31.9 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 50.091 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010947.D

Acq: 18 Jul 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

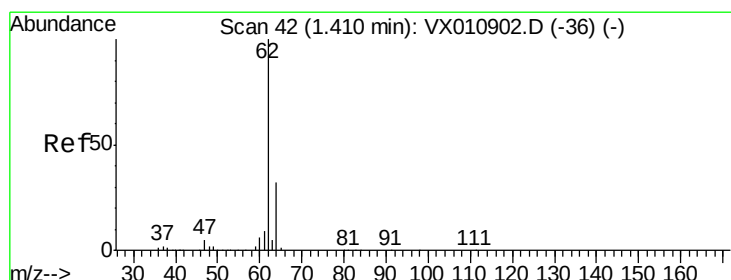
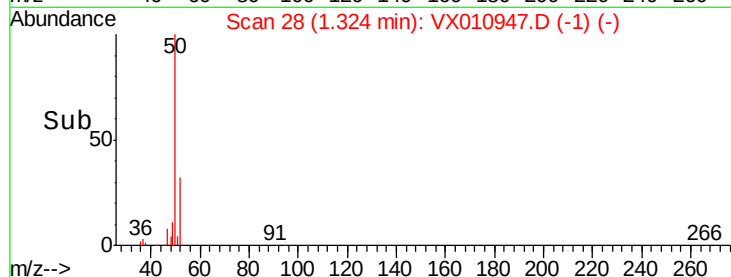
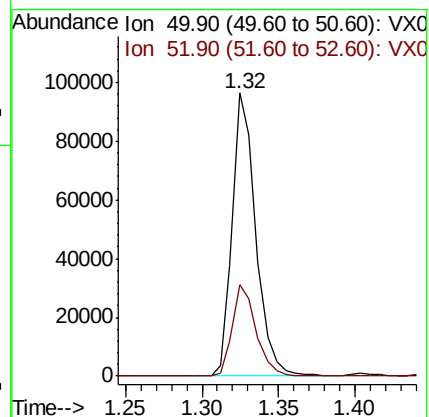
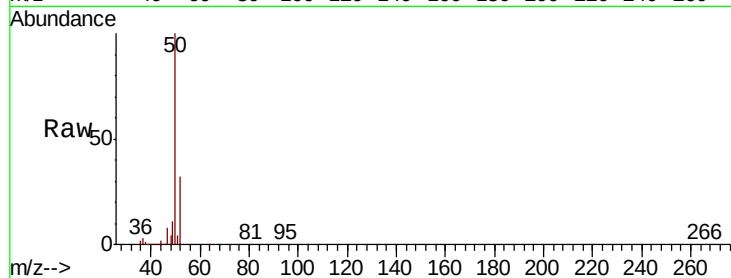
VSTDCCC050

Tgt Ion: 50 Resp: 102643

Ion Ratio Lower Upper

50 100

52 32.1 26.5 39.7



#4

Vinyl Chloride

Concen: 51.487 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010947.D

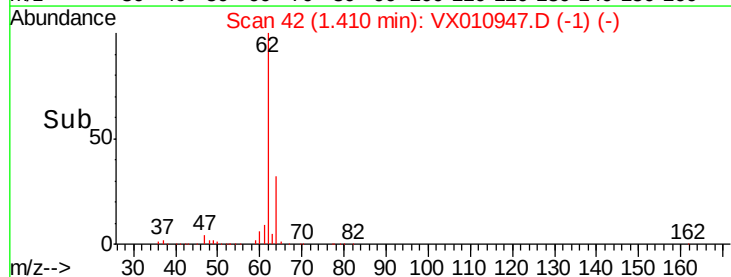
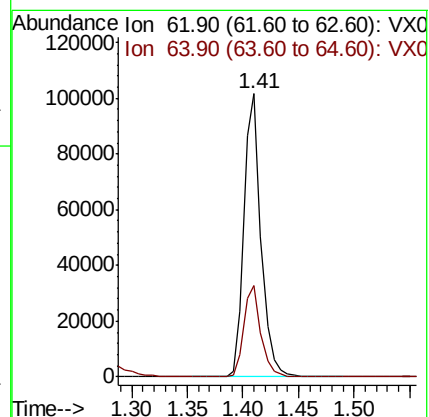
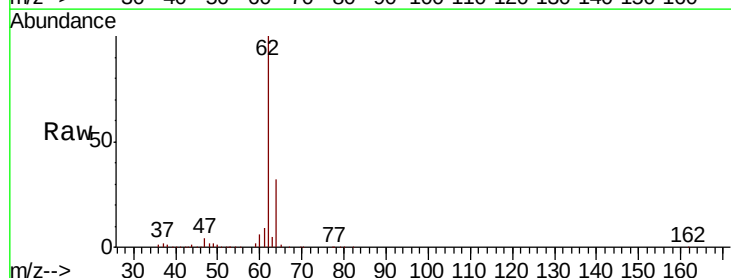
Acq: 18 Jul 2019 10:27

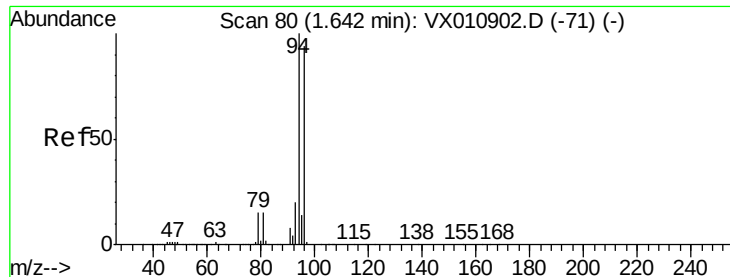
Tgt Ion: 62 Resp: 107613

Ion Ratio Lower Upper

62 100

64 32.1 26.2 39.4





#5

Bromomethane

Concen: 46.947 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010947.D

Acq: 18 Jul 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

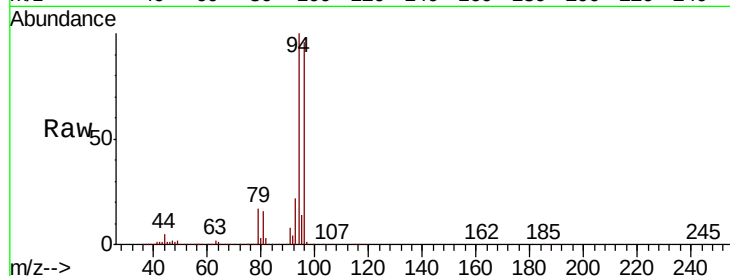
VSTDCCC050

Tgt Ion: 94 Resp: 55295

Ion Ratio Lower Upper

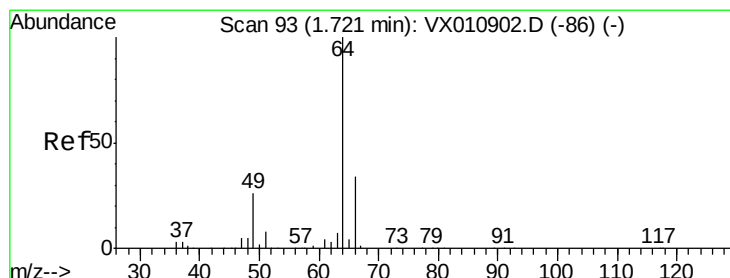
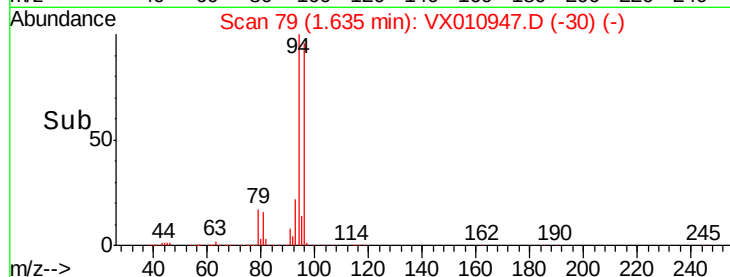
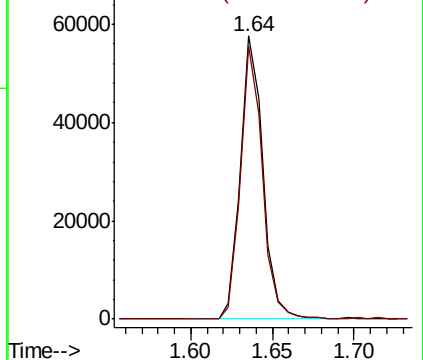
94 100

96 96.4 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 48.284 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010947.D

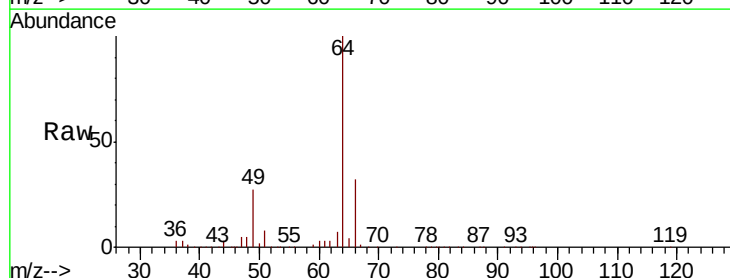
Acq: 18 Jul 2019 10:27

Tgt Ion: 64 Resp: 64133

Ion Ratio Lower Upper

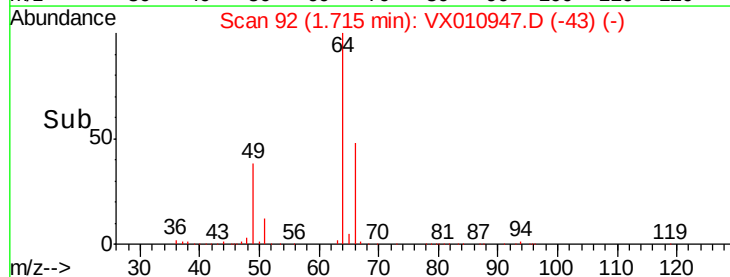
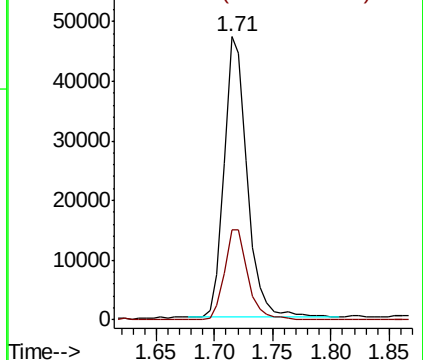
64 100

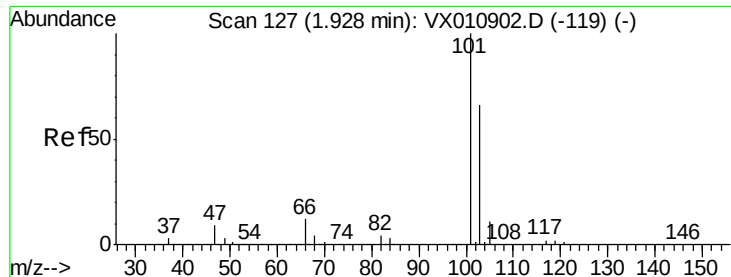
66 32.0 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



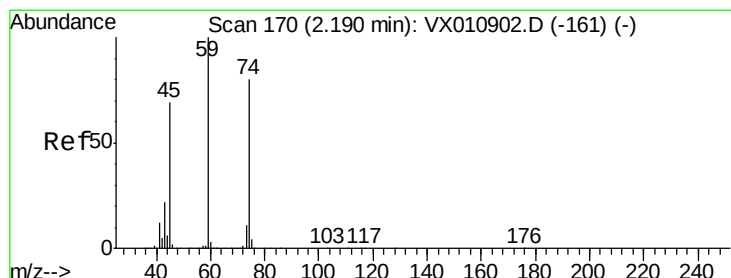
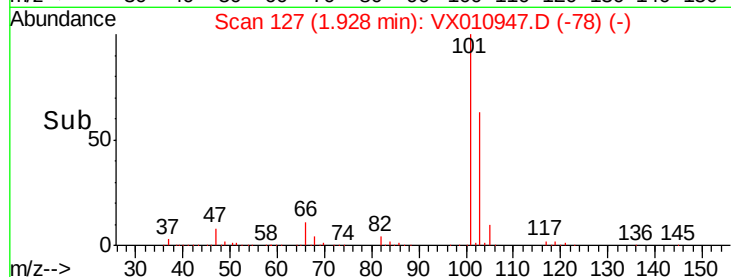
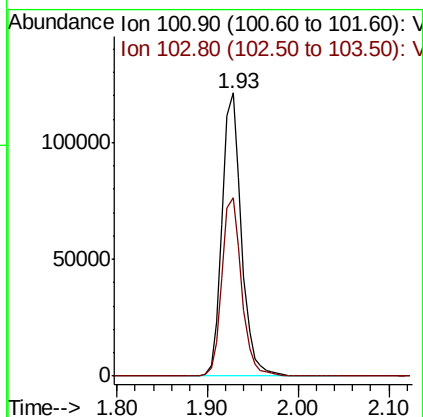
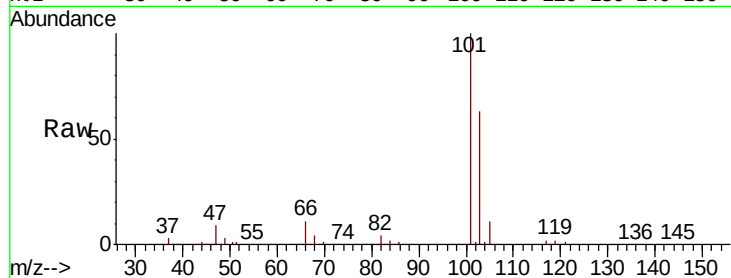


#7

Trichlorofluoromethane
Concen: 50.858 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX010947.D
Acq: 18 Jul 2019 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

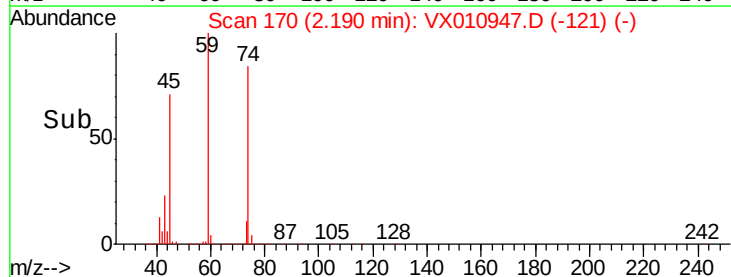
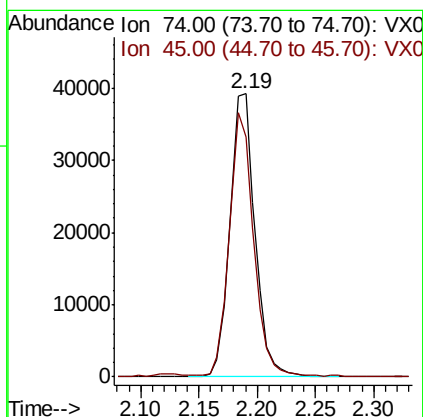
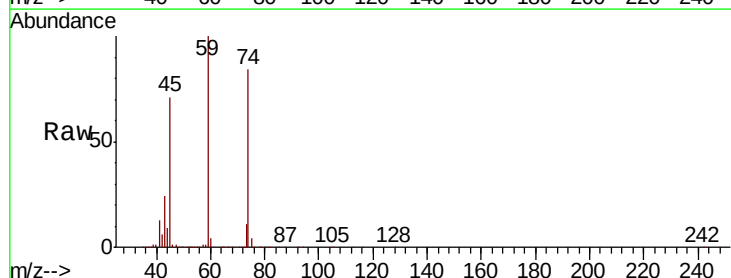
Tgt Ion:101 Resp: 179937
Ion Ratio Lower Upper
101 100
103 63.2 52.3 78.5

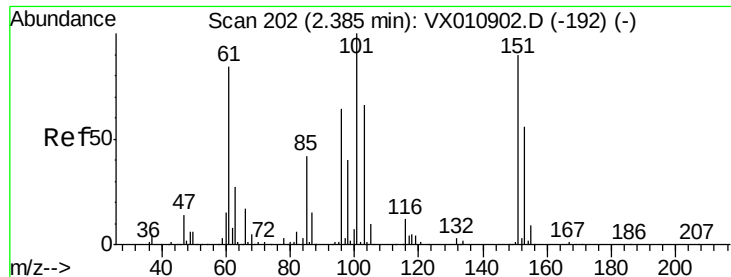


#8

Diethyl Ether
Concen: 48.604 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX010947.D
Acq: 18 Jul 2019 10:27

Tgt Ion: 74 Resp: 59249
Ion Ratio Lower Upper
74 100
45 90.4 44.8 134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.731 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX010947.D

Acq: 18 Jul 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

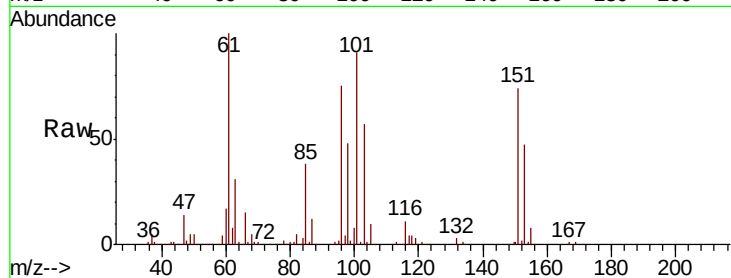
Tgt Ion:101 Resp: 102483

Ion Ratio Lower Upper

101 100

85 42.6 33.7 50.5

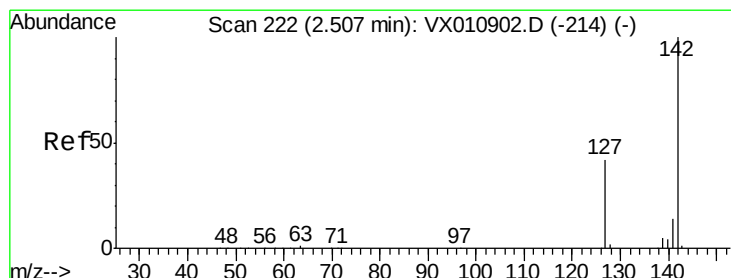
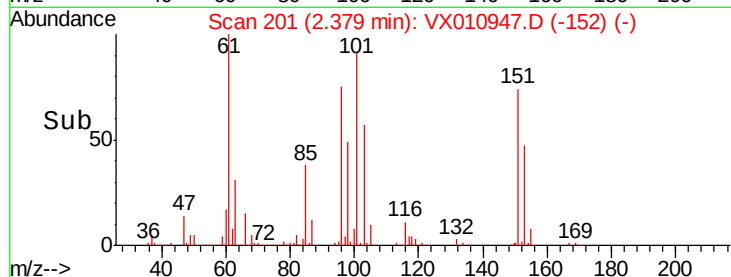
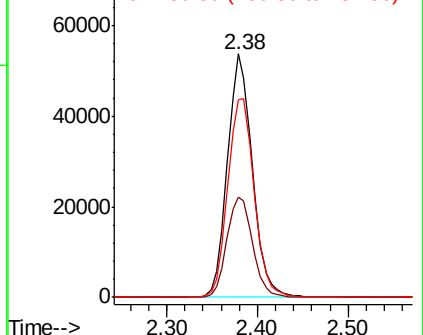
151 86.5 70.1 105.1



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: 47.877 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX010947.D

Acq: 18 Jul 2019 10:27

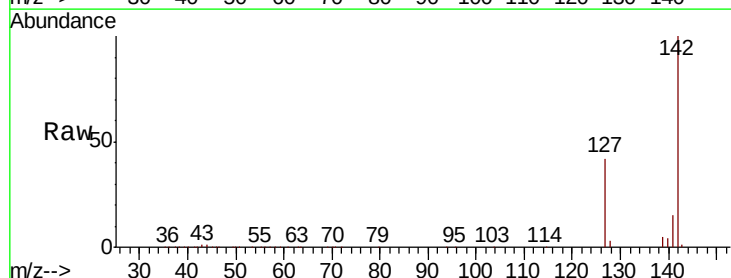
Tgt Ion:142 Resp: 126920

Ion Ratio Lower Upper

142 100

127 41.7 31.1 46.7

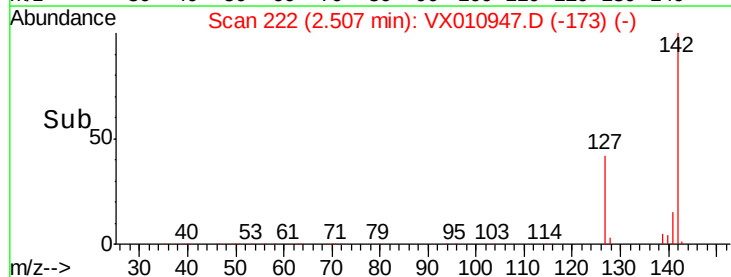
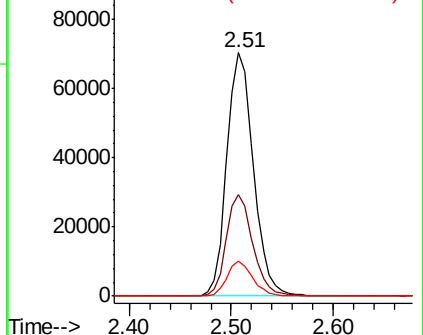
141 13.9 11.2 16.8

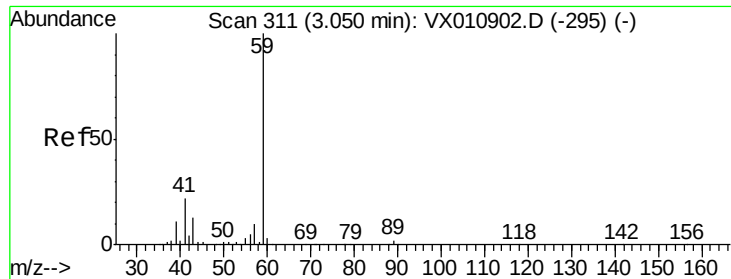


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

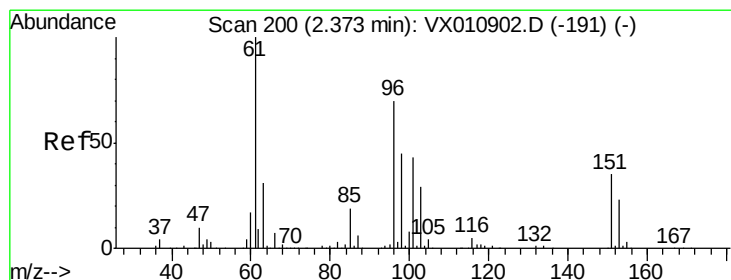
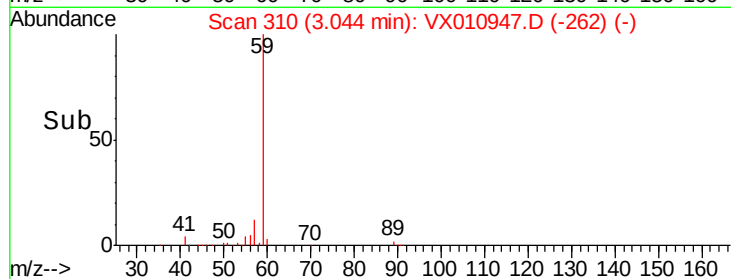
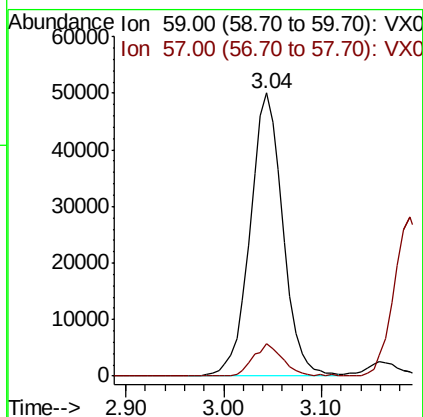
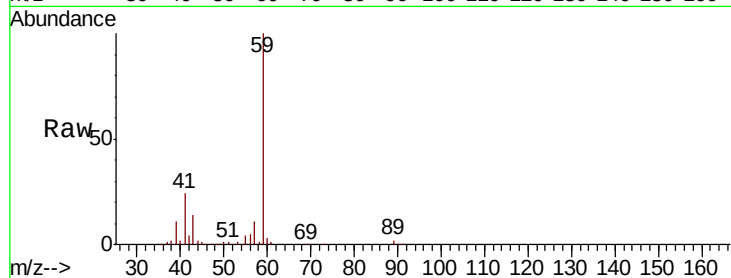




#11
Tert butyl alcohol
Concen: 211.846 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX010947.D
Acq: 18 Jul 2019 10:27

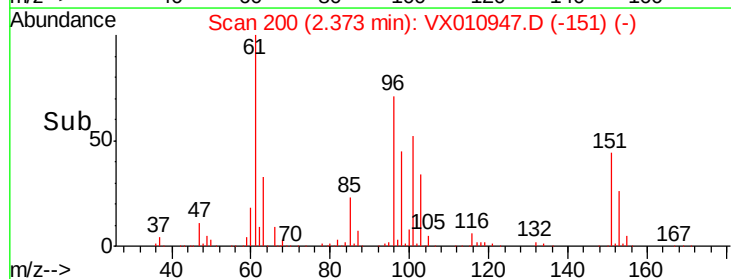
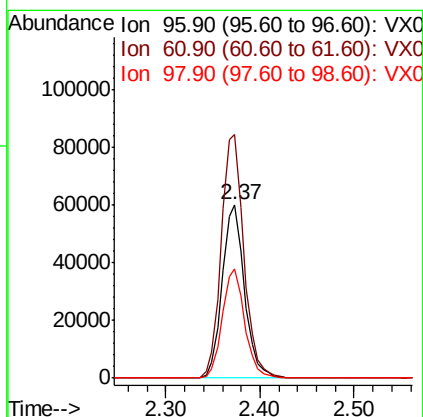
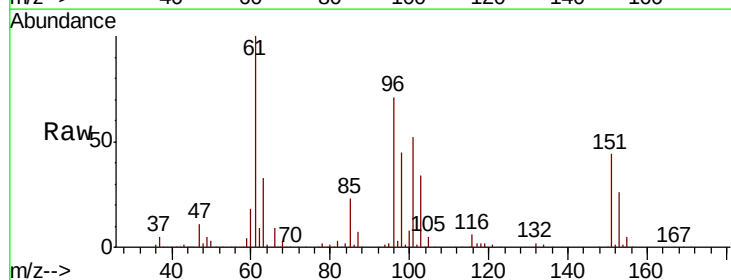
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

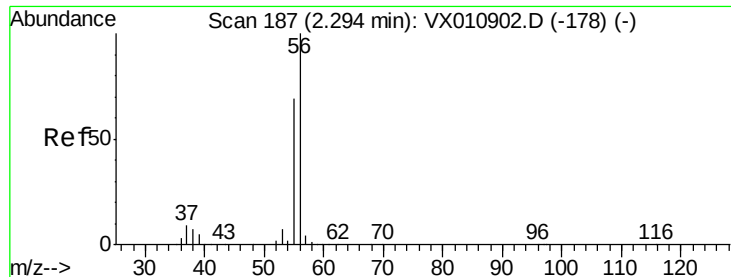
Tgt Ion: 59 Resp: 116957
Ion Ratio Lower Upper
59 100
57 10.4 7.7 11.5



#12
1,1-Dichloroethene
Concen: 49.752 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX010947.D
Acq: 18 Jul 2019 10:27

Tgt Ion: 96 Resp: 98749
Ion Ratio Lower Upper
96 100
61 140.4 109.2 163.8
98 63.0 51.1 76.7





#13

Acrolein

Concen: 217.823 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010947.D

Acq: 18 Jul 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

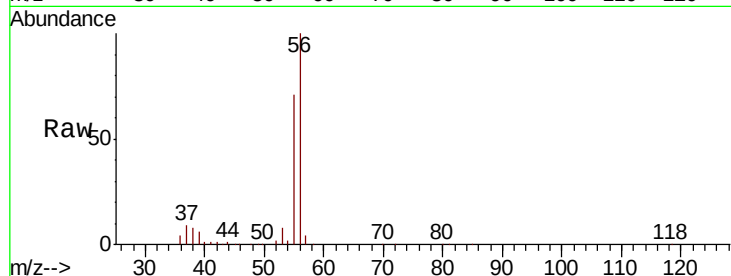
VSTDCCC050

Tgt Ion: 56 Resp: 69480

Ion Ratio Lower Upper

56 100

55 71.3 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

40000

30000

20000

10000

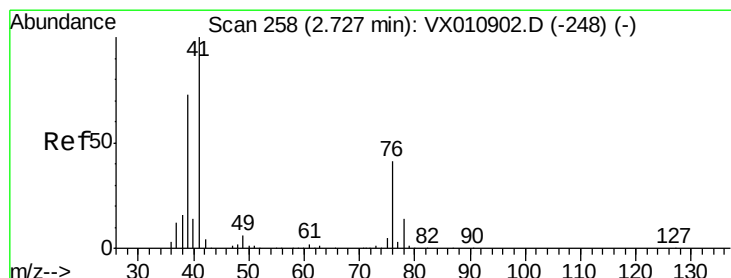
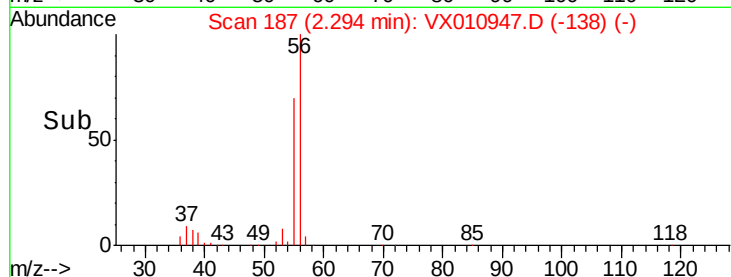
0

Time-->

2.20

2.30

2.40



#14

Allyl chloride

Concen: 49.580 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010947.D

Acq: 18 Jul 2019 10:27

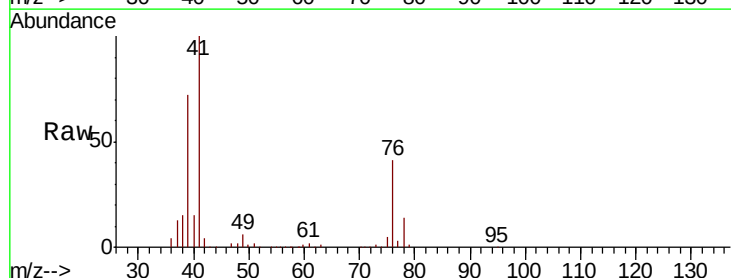
Tgt Ion: 41 Resp: 142939

Ion Ratio Lower Upper

41 100

39 65.2 50.3 75.5

76 37.4 31.3 46.9



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

80000

60000

40000

20000

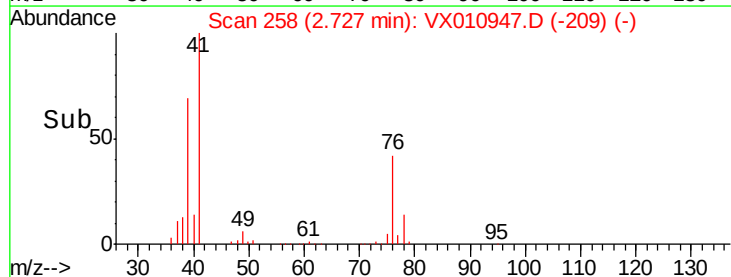
0

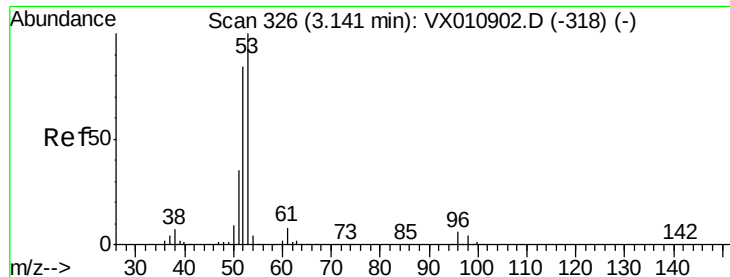
Time-->

2.60

2.70

2.80





#15

Acrylonitrile

Concen: 234.016 ug/l

RT: 3.14 min Scan# 325

Delta R.T. -0.01 min

Lab File: VX010947.D

Acq: 18 Jul 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

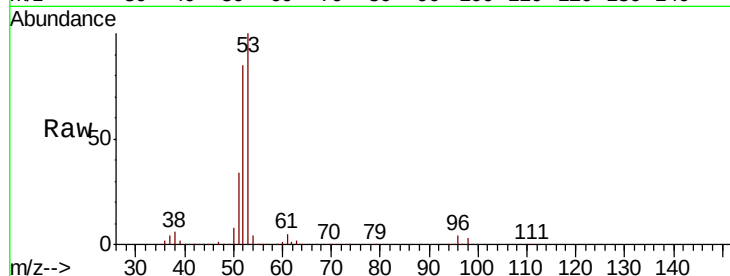
Tgt Ion: 53 Resp: 261066

Ion Ratio Lower Upper

53 100

52 83.8 65.5 98.3

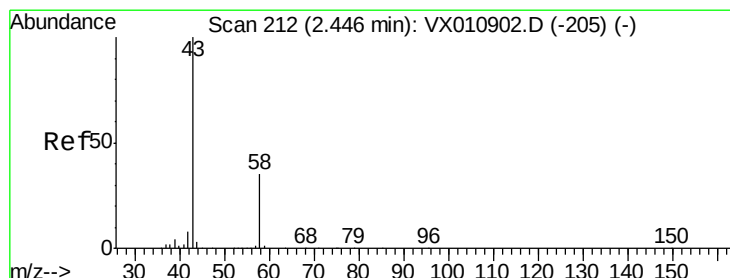
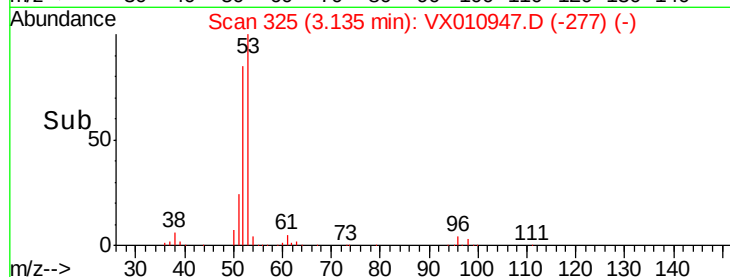
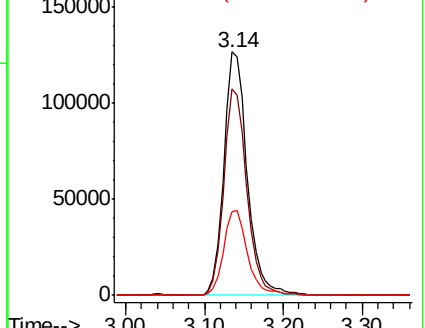
51 35.7 28.2 42.4



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: 257.354 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010947.D

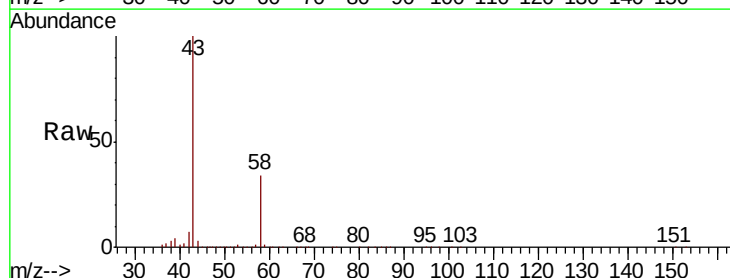
Acq: 18 Jul 2019 10:27

Tgt Ion: 43 Resp: 275540

Ion Ratio Lower Upper

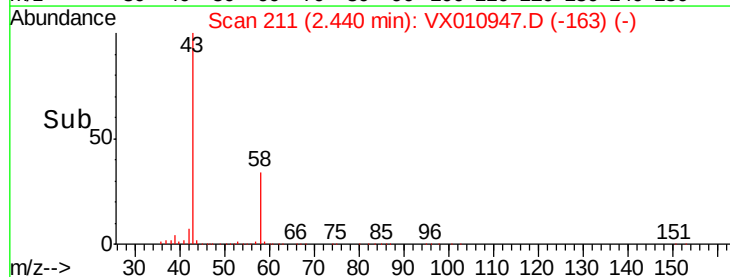
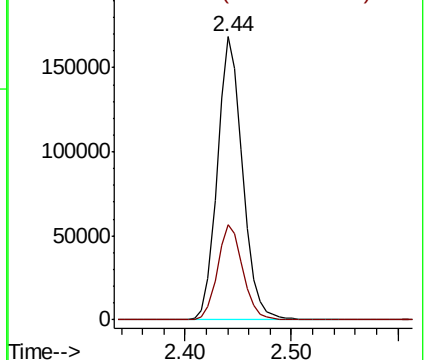
43 100

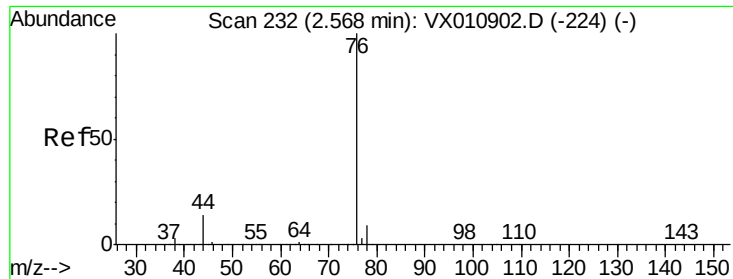
58 33.6 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 49.108 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX010947.D

Acq: 18 Jul 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

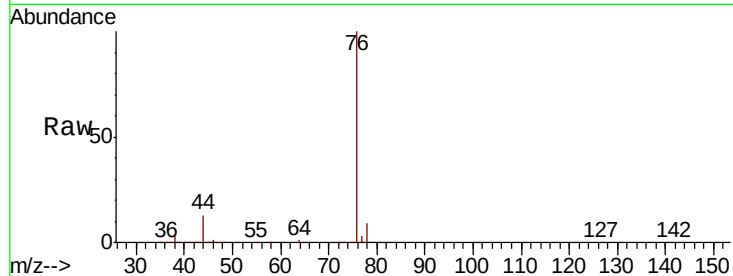
VSTDCCC050

Tgt Ion: 76 Resp: 250025

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

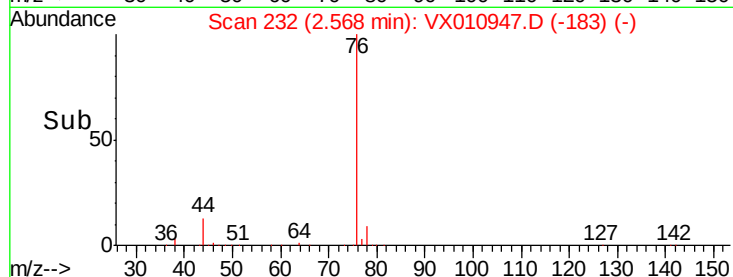
150000

100000

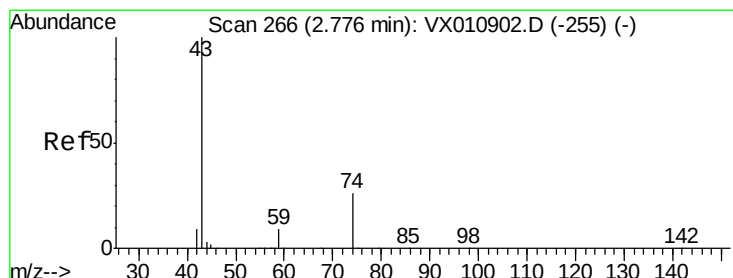
50000

0

Time-->



Time-->



#18

Methyl Acetate

Concen: 45.463 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX010947.D

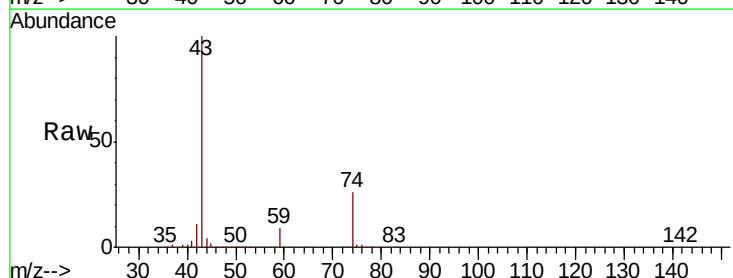
Acq: 18 Jul 2019 10:27

Tgt Ion: 43 Resp: 110835

Ion Ratio Lower Upper

43 100

74 26.6 21.3 31.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.77

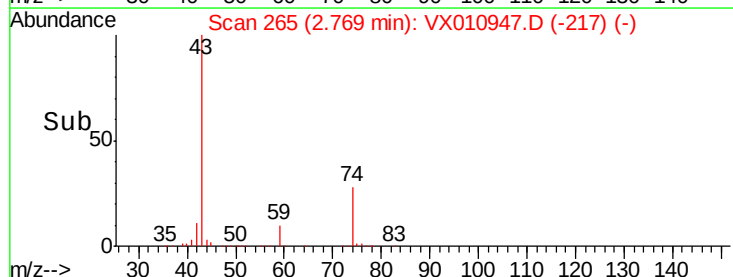
60000

40000

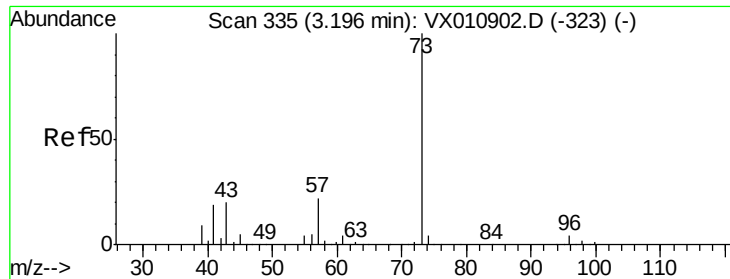
20000

0

Time-->



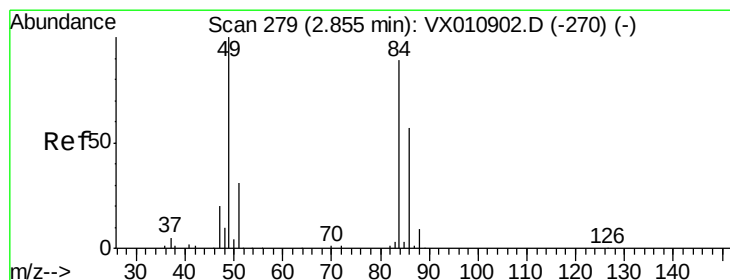
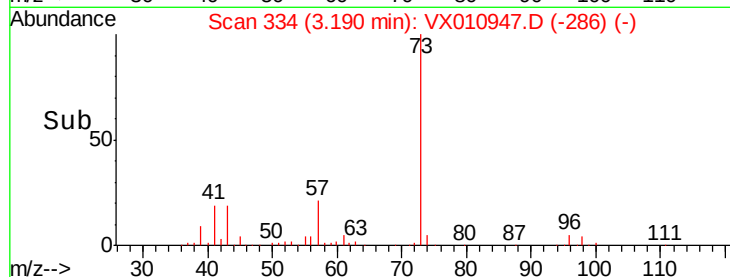
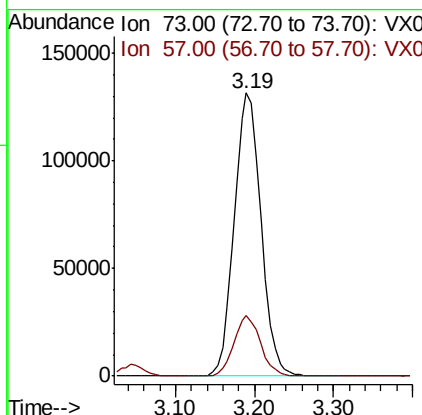
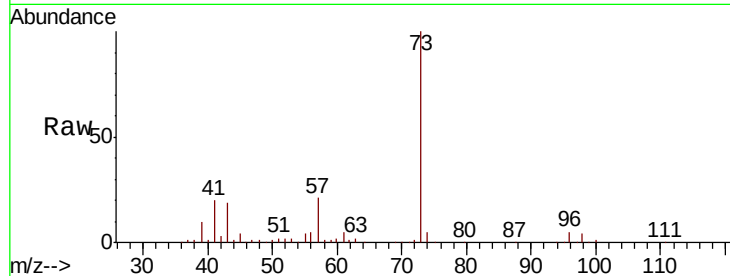
Time-->



#19
Methyl tert-butyl Ether
Concen: 48.591 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX010947.D
Acq: 18 Jul 2019 10:27

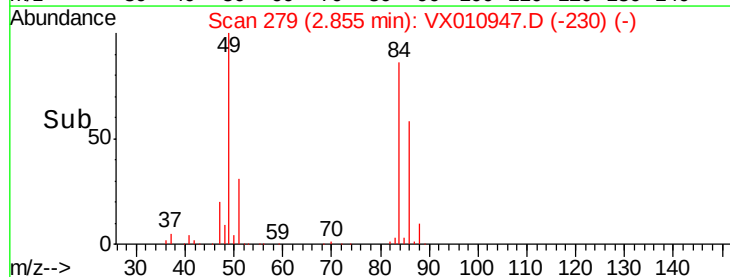
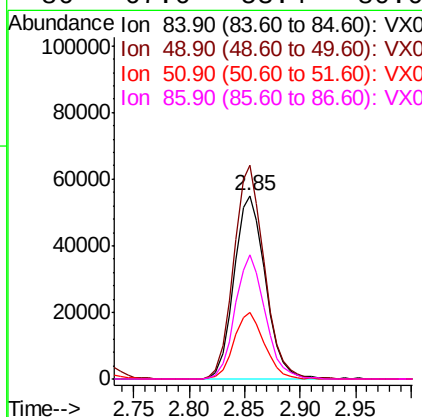
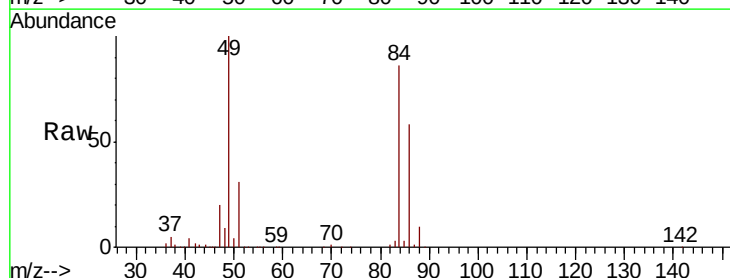
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

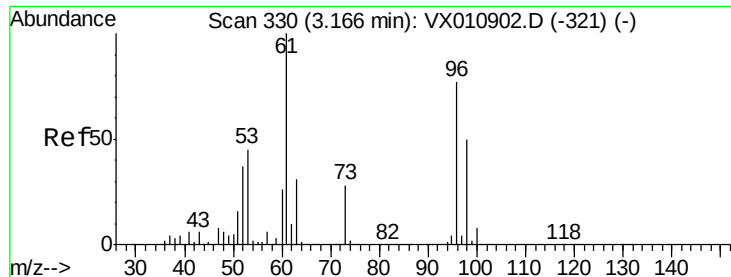
Tgt Ion: 73 Resp: 310472
Ion Ratio Lower Upper
73 100
57 21.4 16.4 24.6



#20
Methylene Chloride
Concen: 47.295 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010947.D
Acq: 18 Jul 2019 10:27

Tgt Ion: 84 Resp: 107310
Ion Ratio Lower Upper
84 100
49 116.4 87.5 131.3
51 36.0 27.7 41.5
86 67.6 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 48.389 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX010947.D

Acq: 18 Jul 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

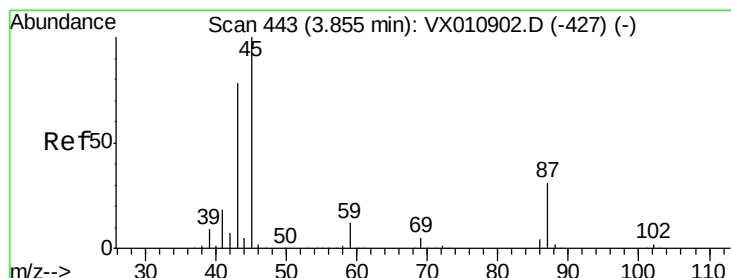
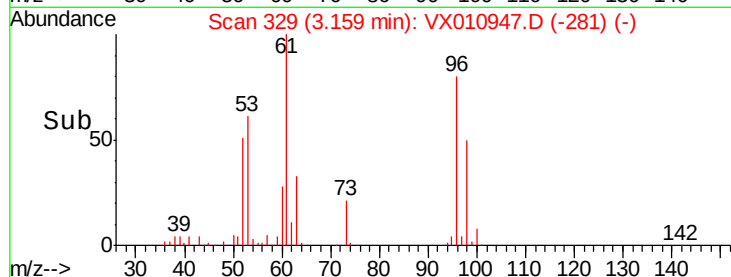
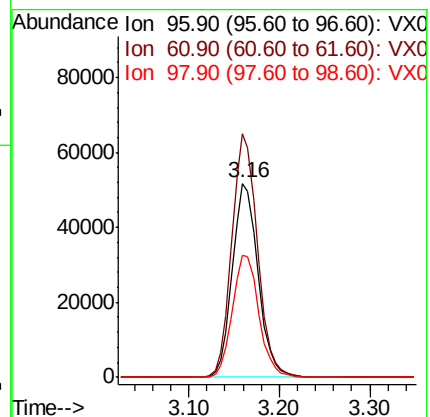
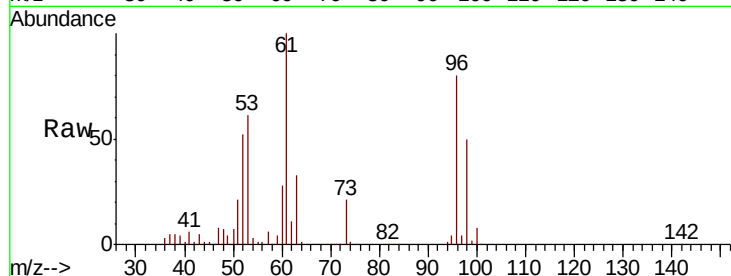
Tgt Ion: 96 Resp: 101907

Ion Ratio Lower Upper

96 100

61 125.5 95.6 143.4

98 62.9 52.5 78.7



#22

Diisopropyl ether

Concen: 48.824 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX010947.D

Acq: 18 Jul 2019 10:27

Tgt Ion: 45 Resp: 296871

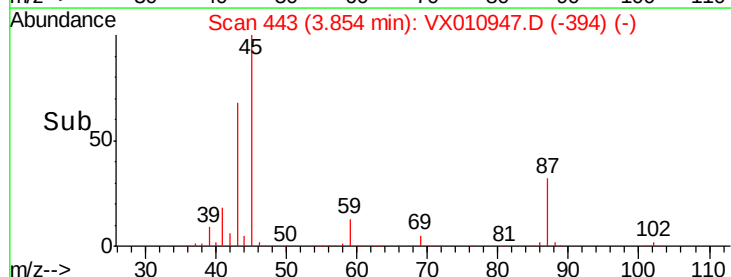
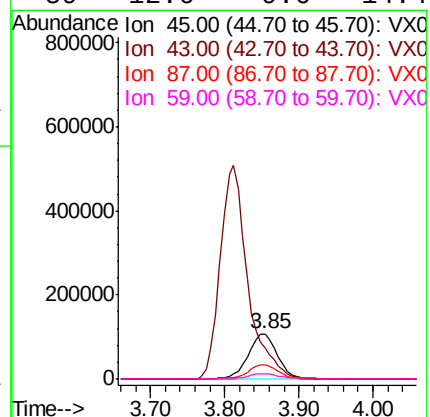
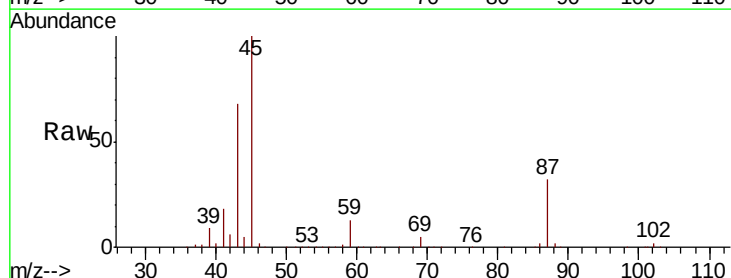
Ion Ratio Lower Upper

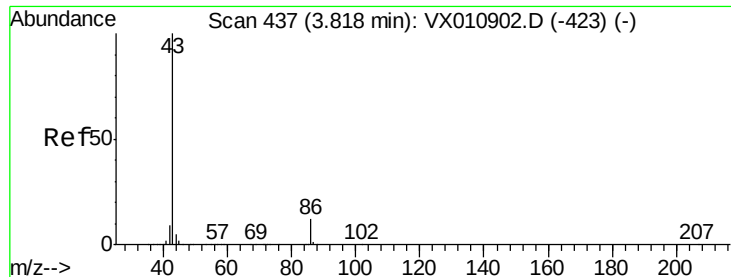
45 100

43 67.5 63.3 94.9

87 32.1 25.8 38.8

59 12.6 9.6 14.4





#23

Vinyl Acetate

Concen: 252.985 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010947.D

Acq: 18 Jul 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

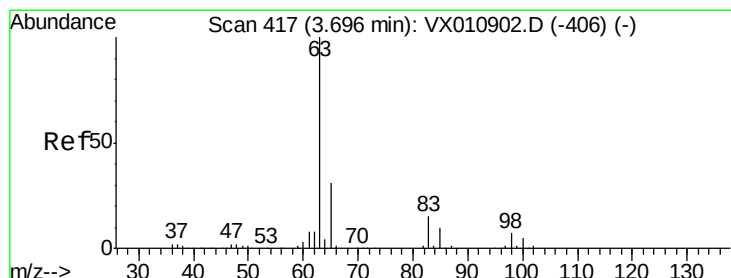
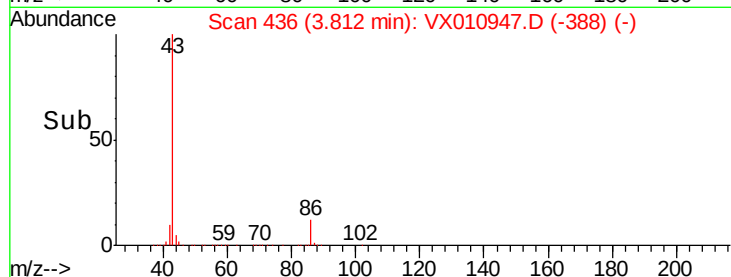
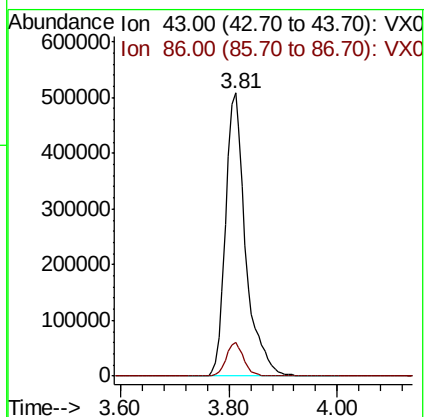
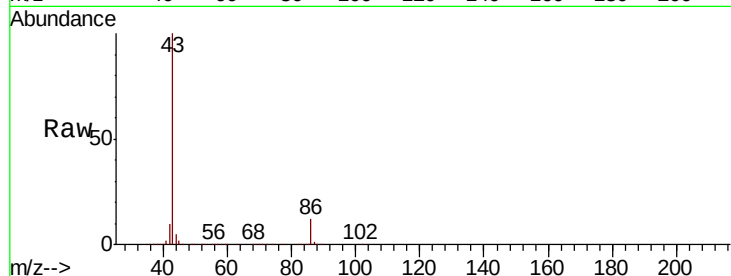
VSTDCCC050

Tgt Ion: 43 Resp: 1303356

Ion Ratio Lower Upper

43 100

86 11.8 9.9 14.9



#24

1,1-Dichloroethane

Concen: 48.096 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010947.D

Acq: 18 Jul 2019 10:27

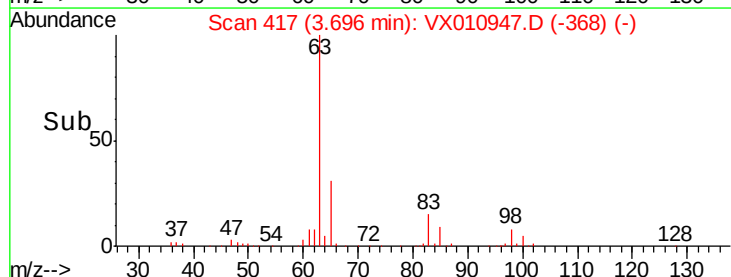
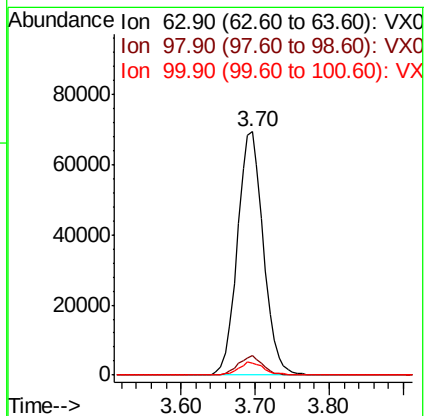
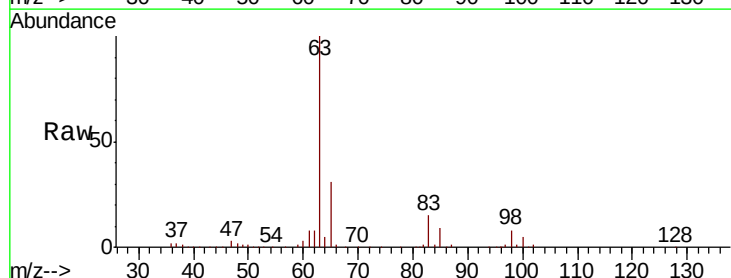
Tgt Ion: 63 Resp: 169837

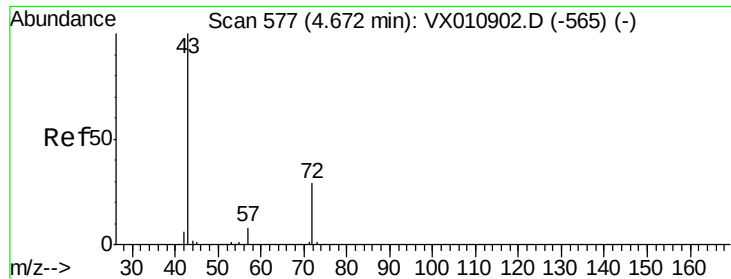
Ion Ratio Lower Upper

63 100

98 7.9 3.9 11.7

100 4.8 2.4 7.1





#25

2-Butanone

Concen: 248.957 ug/l

RT: 4.67 min Scan# 576

Delta R.T. -0.01 min

Lab File: VX010947.D

Acq: 18 Jul 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

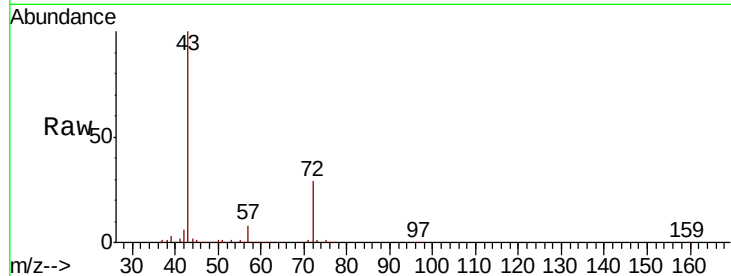
VSTDCCC050

Tgt Ion: 43 Resp: 382574

Ion Ratio Lower Upper

43 100

72 29.1 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

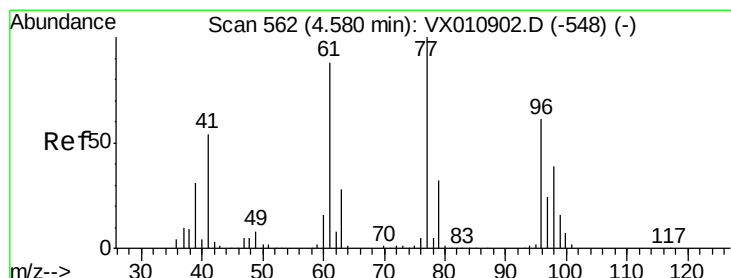
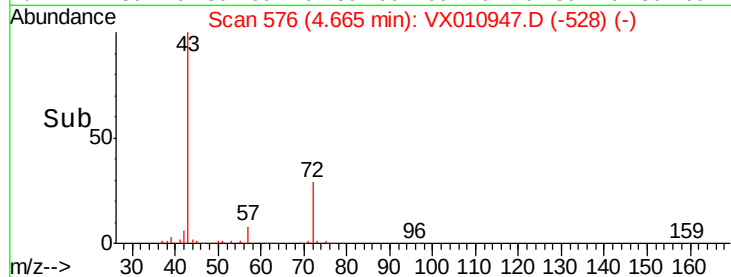
4.67

4.60

4.70

4.80

Time-->



#26

2,2-Dichloropropane

Concen: 49.377 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX010947.D

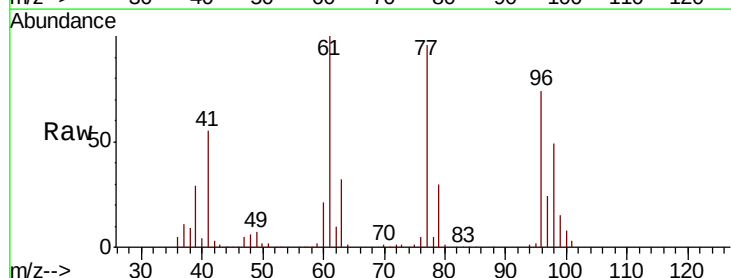
Acq: 18 Jul 2019 10:27

Tgt Ion: 77 Resp: 143165

Ion Ratio Lower Upper

77 100

97 25.6 13.1 39.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

50000

40000

30000

20000

10000

0

4.58

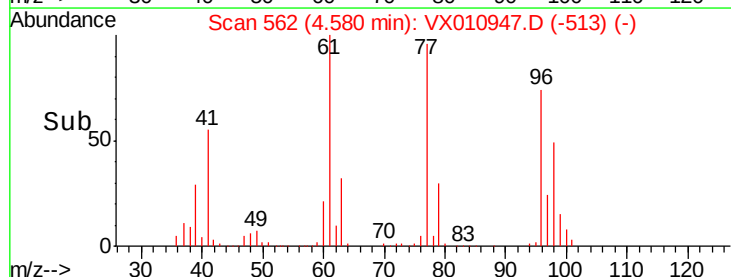
4.40

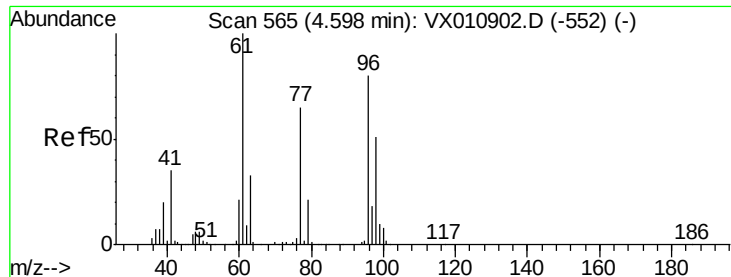
4.50

4.60

4.70

Time-->



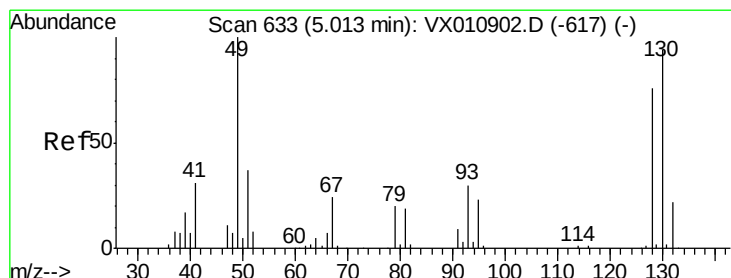
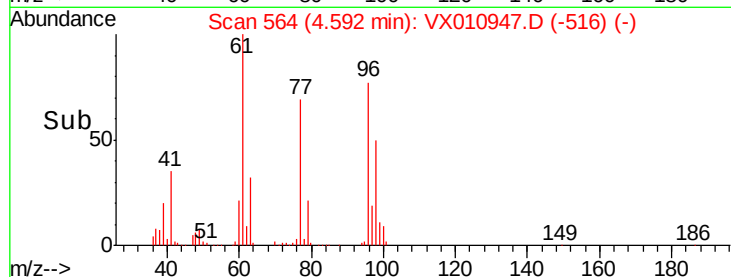
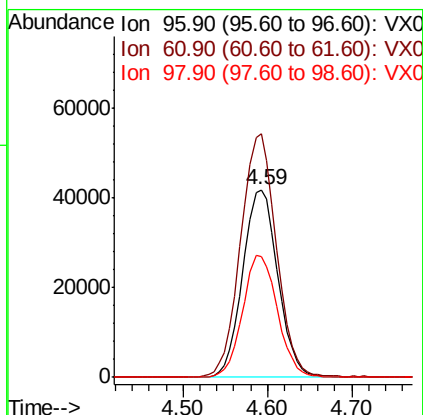
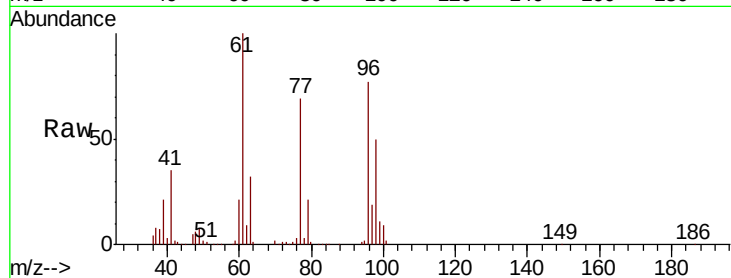


#27

cis-1,2-Dichloroethene
 Concen: 48.521 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX010947.D
 Acq: 18 Jul 2019 10:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

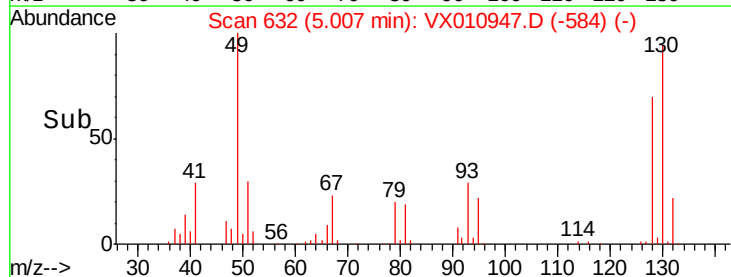
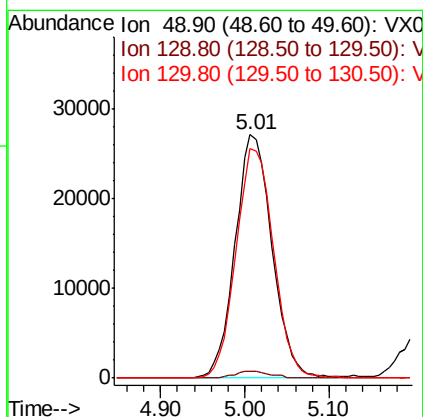
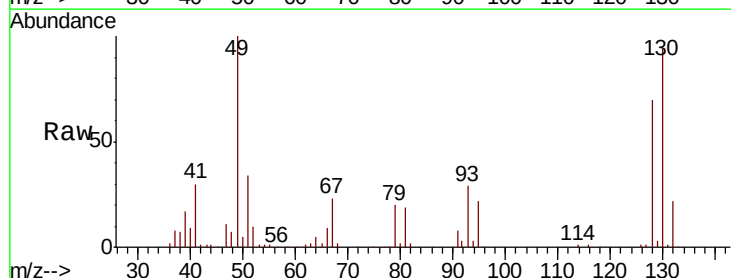
Tgt Ion: 96 Resp: 118260
 Ion Ratio Lower Upper
 96 100
 61 132.4 0.0 251.8
 98 64.3 0.0 129.4

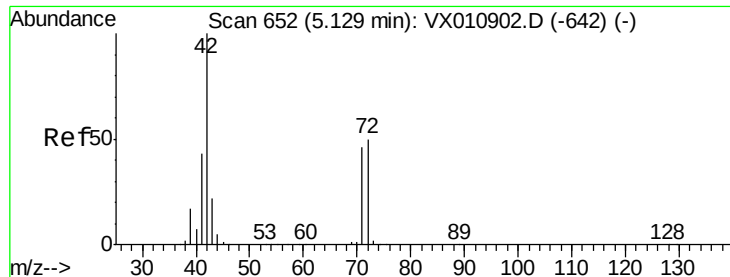


#28

Bromochloromethane
 Concen: 48.606 ug/l
 RT: 5.01 min Scan# 632
 Delta R.T. -0.01 min
 Lab File: VX010947.D
 Acq: 18 Jul 2019 10:27

Tgt Ion: 49 Resp: 80882
 Ion Ratio Lower Upper
 49 100
 129 2.7 0.0 5.6
 130 95.8 81.4 122.0





#29

Tetrahydrofuran

Concen: 236.898 ug/l

RT: 5.12 min Scan# 651

Delta R.T. -0.01 min

Lab File: VX010947.D

Acq: 18 Jul 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

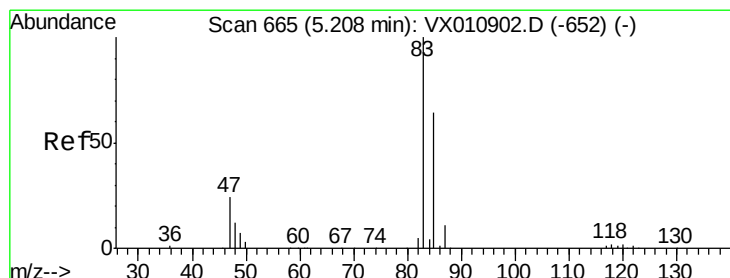
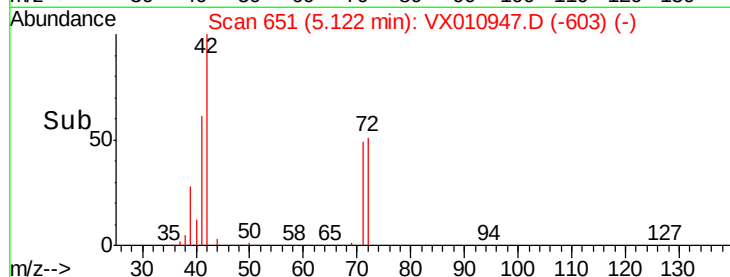
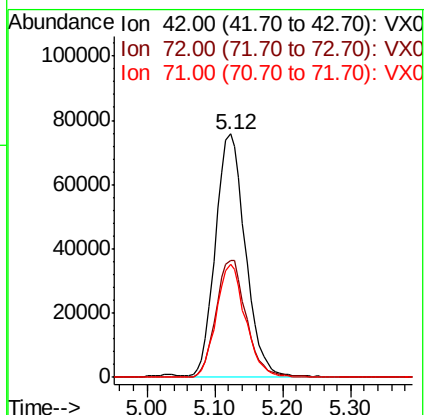
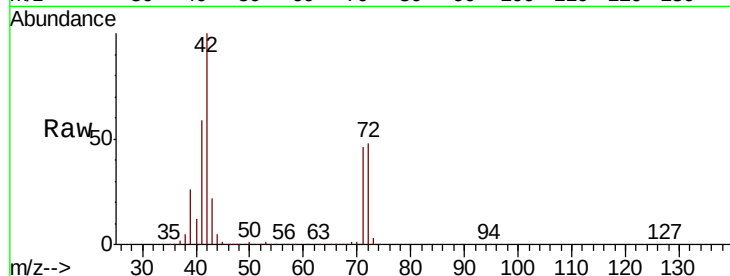
Tgt Ion: 42 Resp: 230609

Ion Ratio Lower Upper

42 100

72 49.3 40.6 60.8

71 45.4 37.8 56.8



#30

Chloroform

Concen: 48.283 ug/l

RT: 5.21 min Scan# 665

Delta R.T. 0.00 min

Lab File: VX010947.D

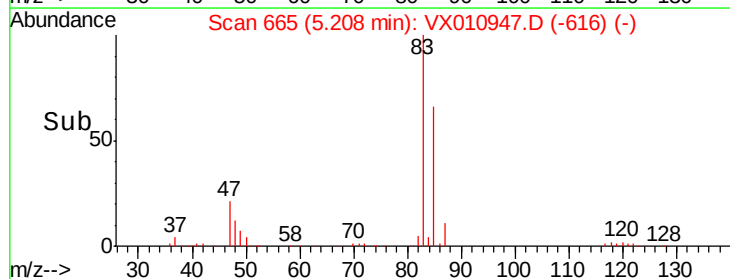
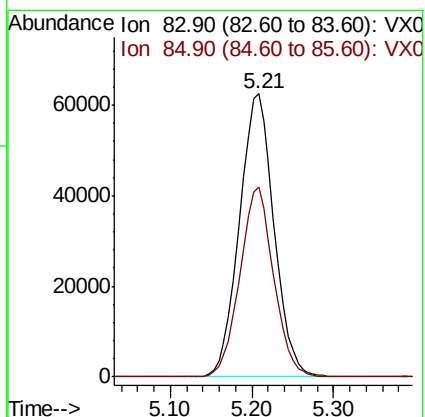
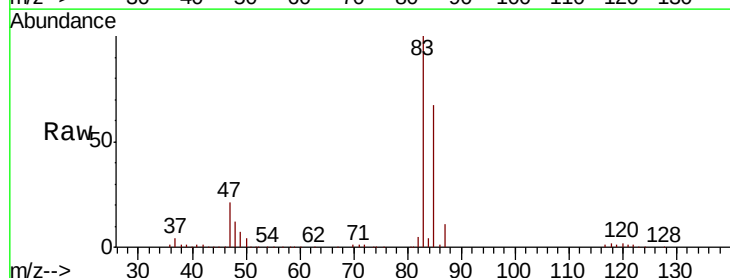
Acq: 18 Jul 2019 10:27

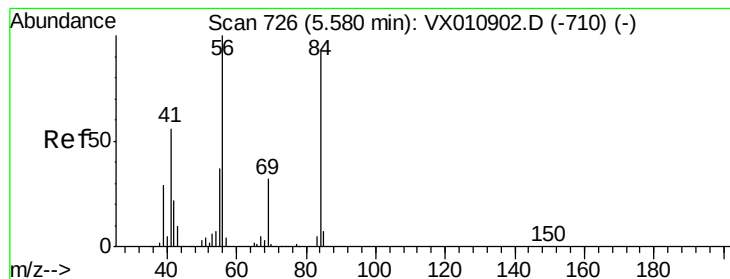
Tgt Ion: 83 Resp: 184288

Ion Ratio Lower Upper

83 100

85 67.3 50.9 76.3





#31

Cyclohexane

Concen: 50.392 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX010947.D

Acq: 18 Jul 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

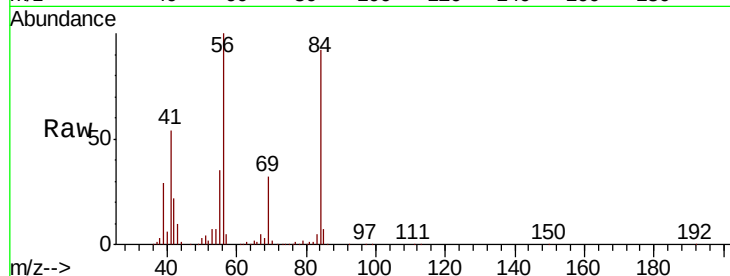
Tgt Ion: 56 Resp: 162197

Ion Ratio Lower Upper

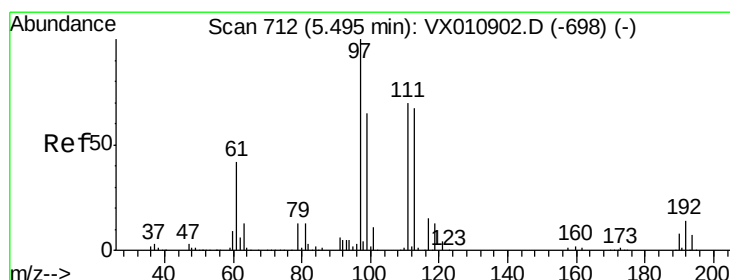
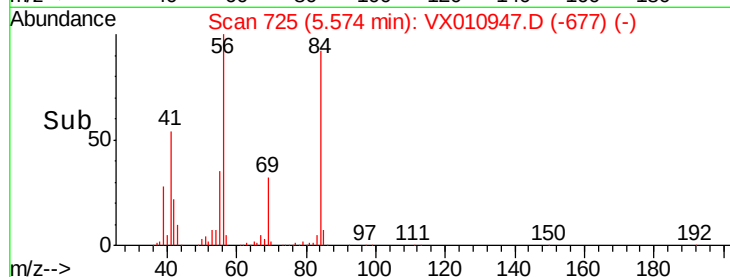
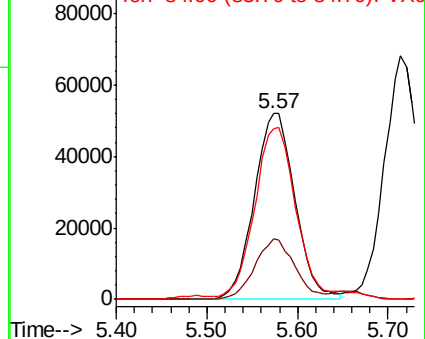
56 100

69 32.4 25.9 38.9

84 90.4 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: 49.263 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX010947.D

Acq: 18 Jul 2019 10:27

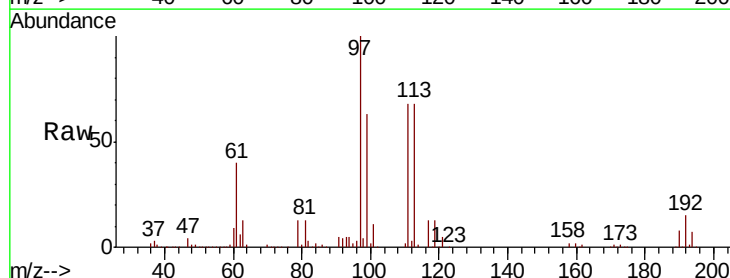
Tgt Ion: 97 Resp: 162677

Ion Ratio Lower Upper

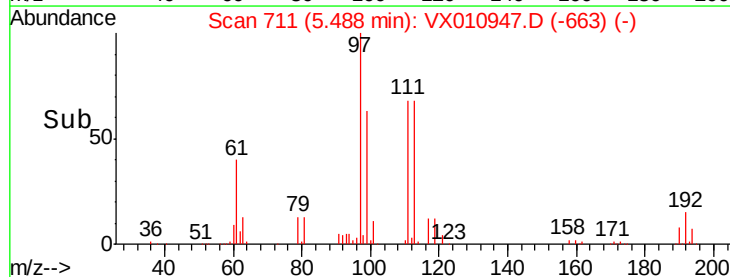
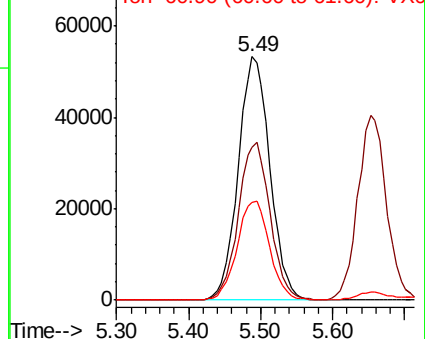
97 100

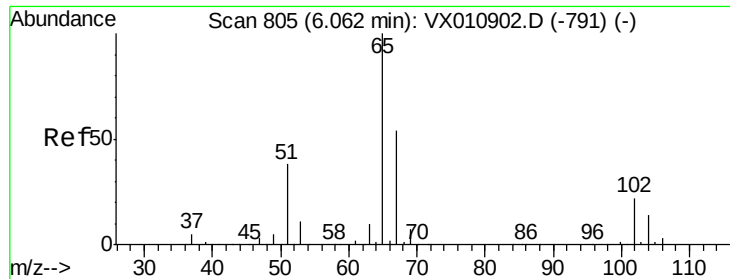
99 65.0 51.8 77.8

61 41.8 32.1 48.1



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

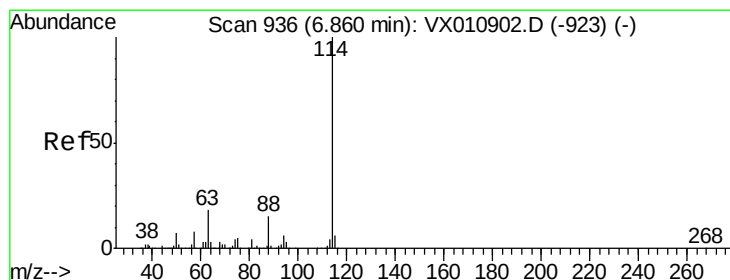
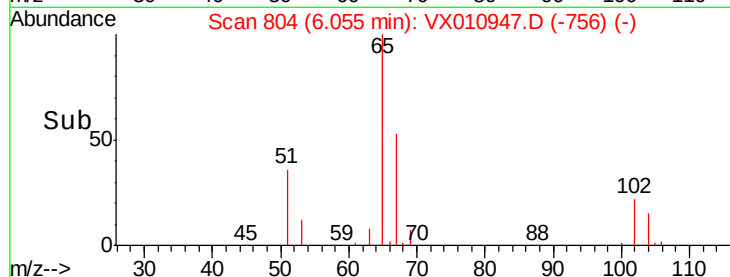
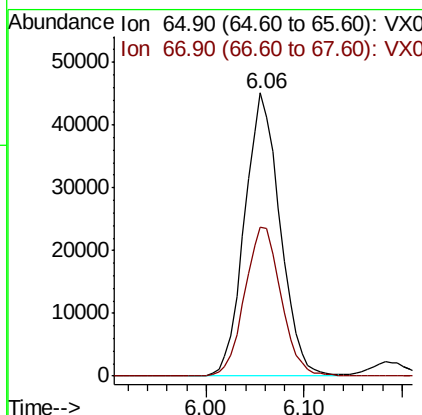
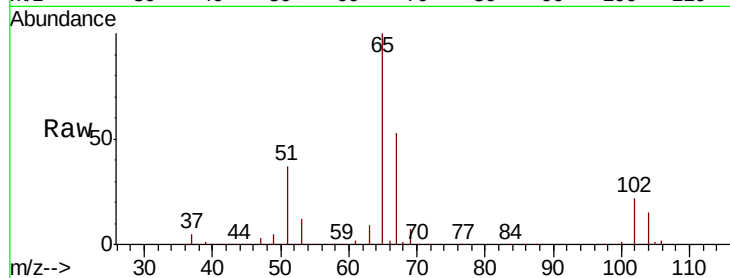




#33
 1,2-Dichloroethane-d4
 Concen: 47.956 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX010947.D
 Acq: 18 Jul 2019 10:27

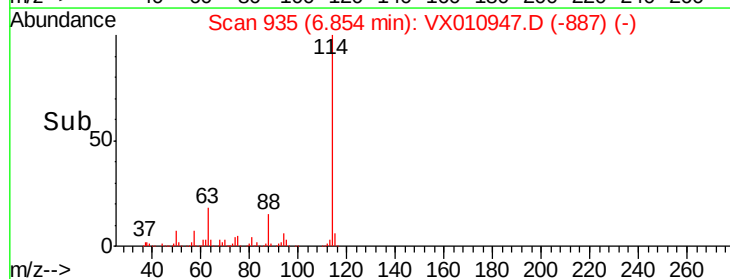
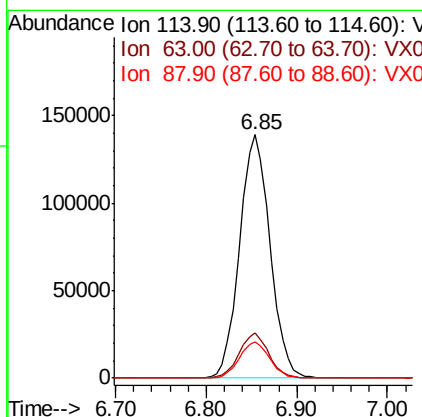
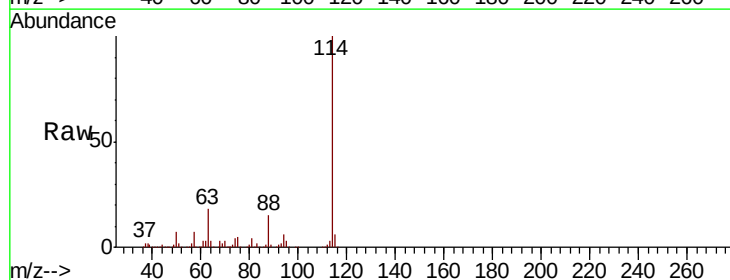
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

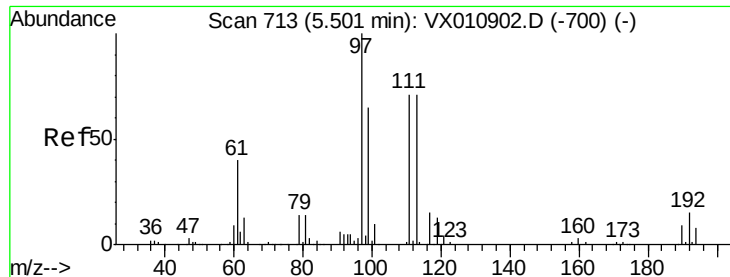
Tgt Ion: 65 Resp: 113682
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX010947.D
 Acq: 18 Jul 2019 10:27

Tgt Ion: 114 Resp: 323140
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 33.8
 88 14.7 0.0 27.6





#35

Dibromofluoromethane

Concen: 52.108 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX010947.D

Acq: 18 Jul 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

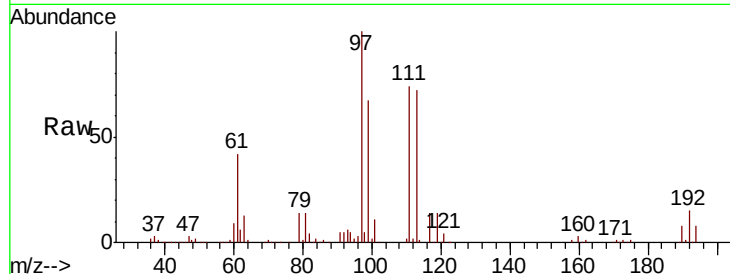
Tgt Ion:113 Resp: 106875

Ion Ratio Lower Upper

113 100

111 100.5 81.2 121.8

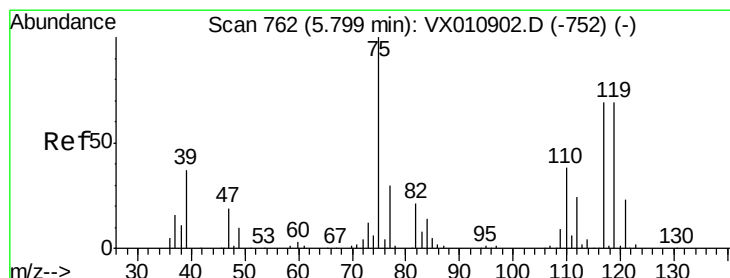
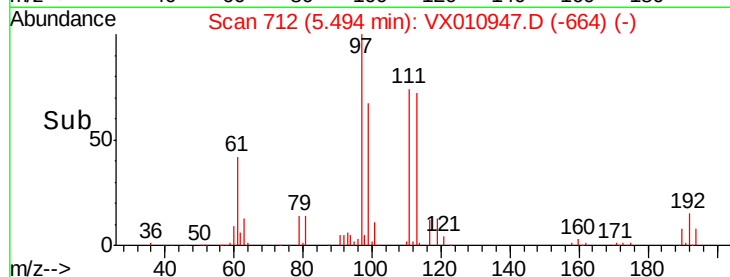
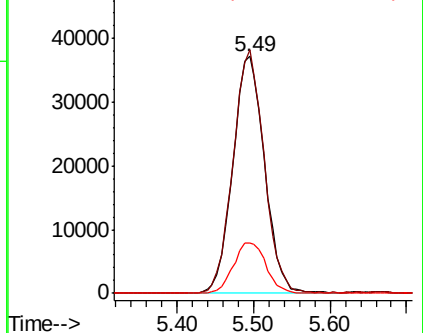
192 22.0 18.6 27.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 51.479 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX010947.D

Acq: 18 Jul 2019 10:27

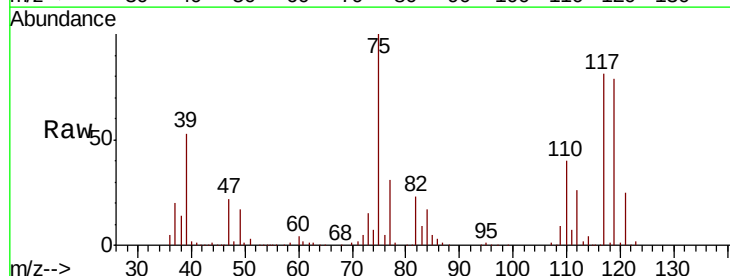
Tgt Ion: 75 Resp: 136641

Ion Ratio Lower Upper

75 100

110 38.9 20.8 62.2

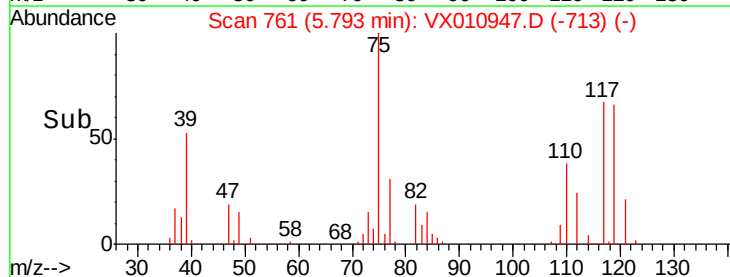
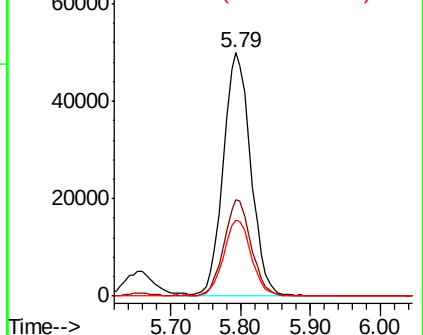
77 31.4 25.4 38.0

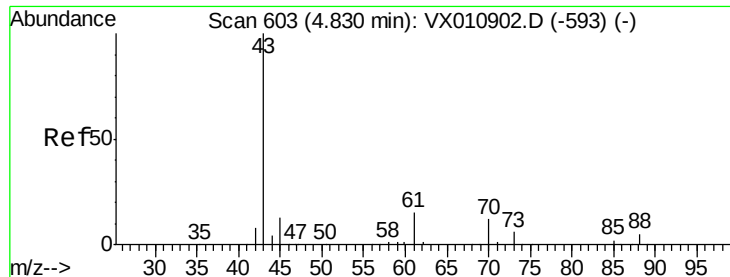


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 49.670 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX010947.D

Acq: 18 Jul 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

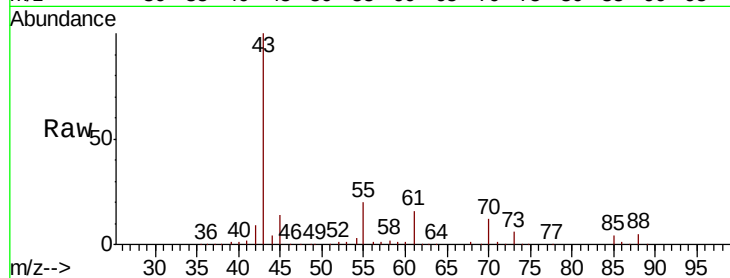
Tgt Ion: 43 Resp: 135000

Ion Ratio Lower Upper

43 100

61 15.4 12.4 18.6

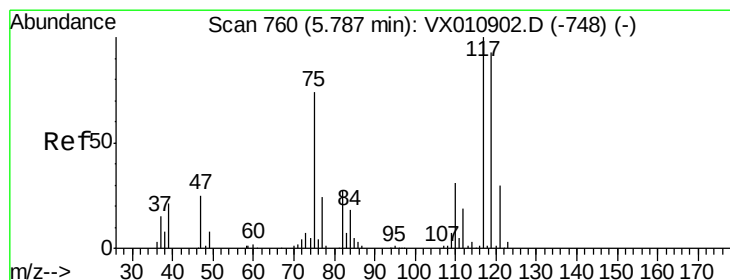
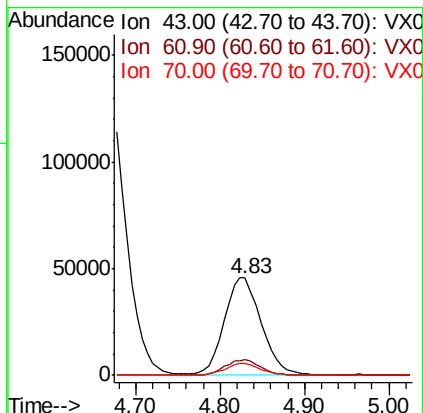
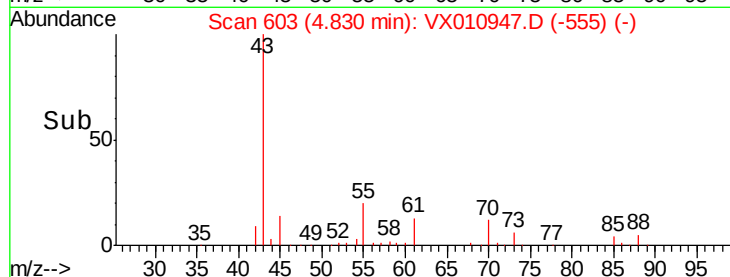
70 12.0 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 52.361 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX010947.D

Acq: 18 Jul 2019 10:27

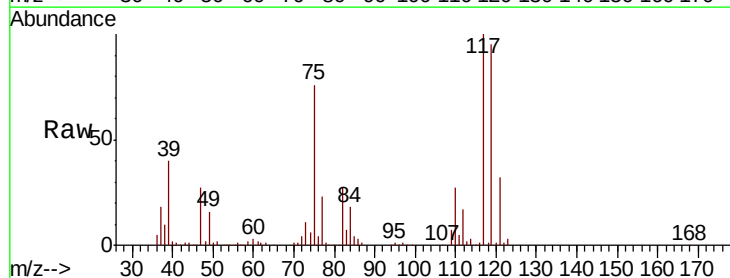
Tgt Ion: 117 Resp: 144826

Ion Ratio Lower Upper

117 100

119 95.2 78.2 117.4

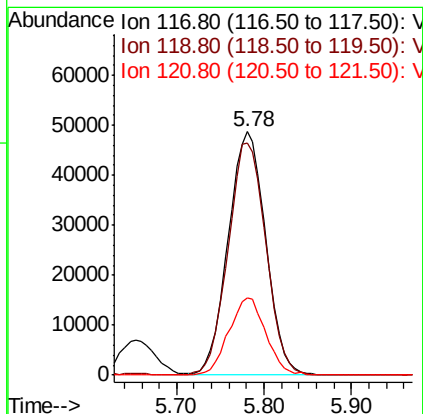
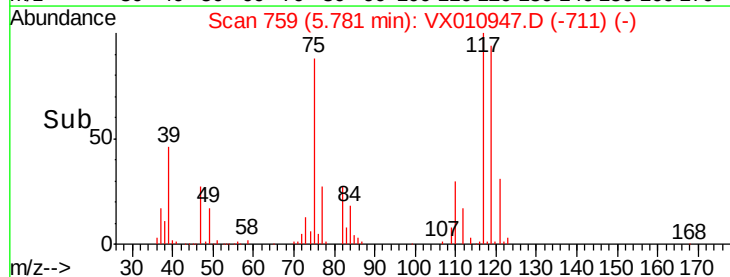
121 31.6 24.7 37.1

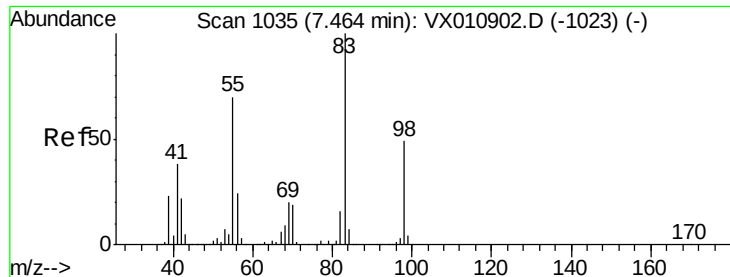


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

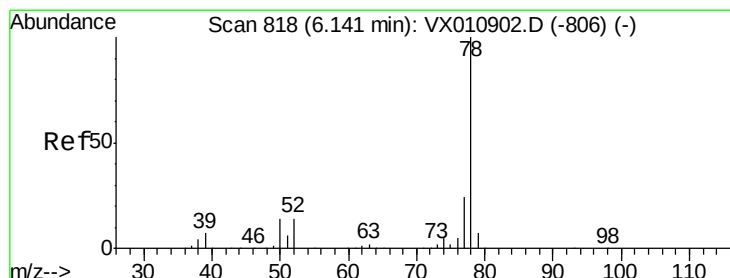
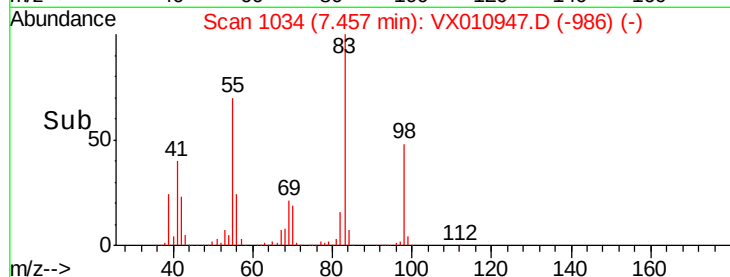
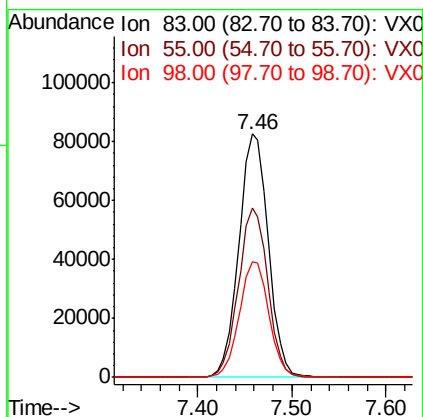
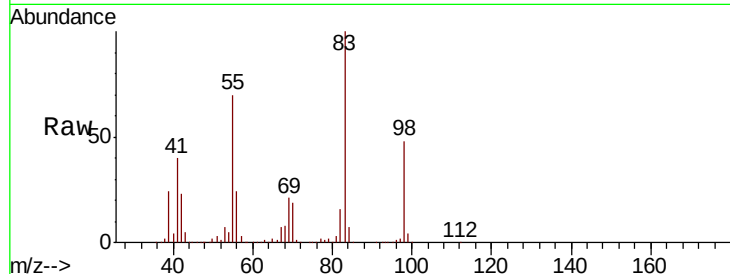




#39
Methylcyclohexane
Concen: 52.438 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX010947.D
Acq: 18 Jul 2019 10:27

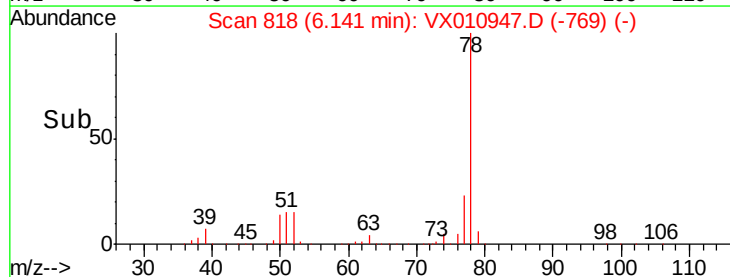
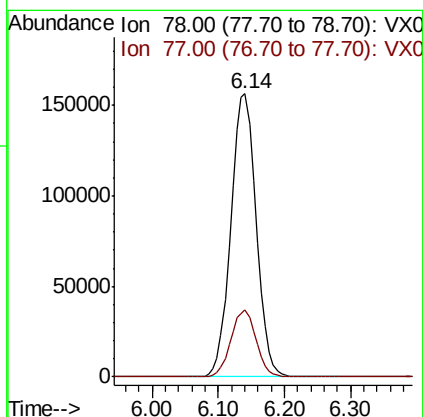
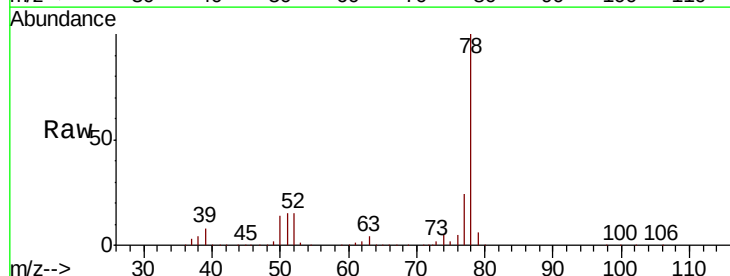
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

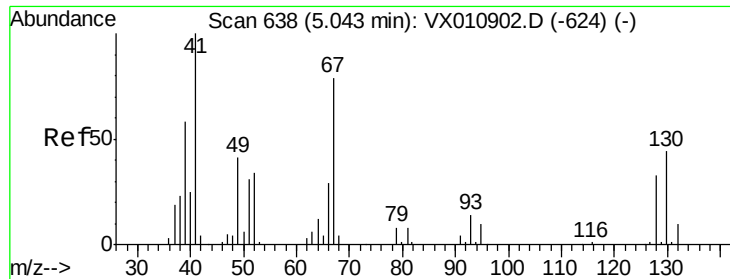
Tgt Ion: 83 Resp: 180498
Ion Ratio Lower Upper
83 100
55 69.7 53.0 79.6
98 47.7 37.8 56.8



#40
Benzene
Concen: 50.943 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010947.D
Acq: 18 Jul 2019 10:27

Tgt Ion: 78 Resp: 414200
Ion Ratio Lower Upper
78 100
77 23.5 18.6 28.0





#41

Methacrylonitrile

Concen: 48.864 ug/l

RT: 5.04 min Scan# 637

Delta R.T. -0.01 min

Lab File: VX010947.D

Acq: 18 Jul 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 41 Resp: 75392

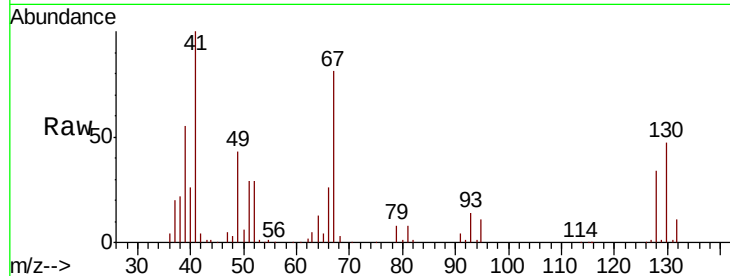
Ion Ratio Lower Upper

41 100

39 52.4 43.8 65.8

67 79.6 66.6 100.0

52 32.2 24.5 36.7

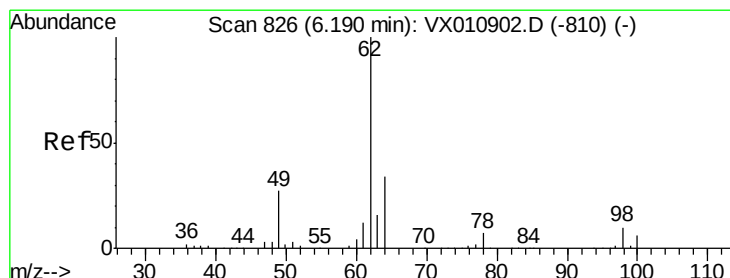
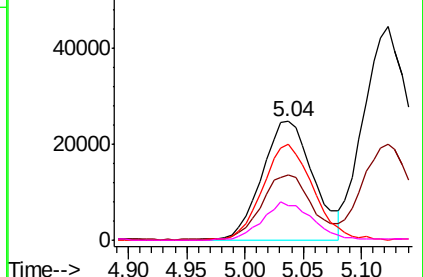
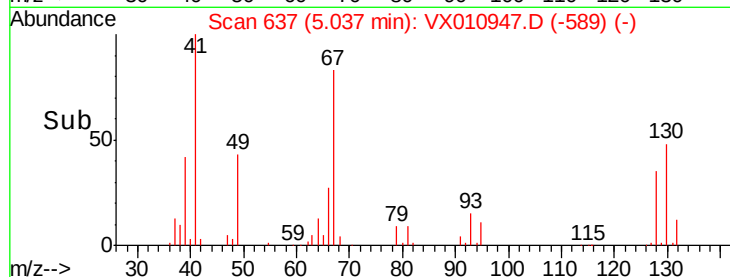


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 49.664 ug/l

RT: 6.18 min Scan# 825

Delta R.T. -0.01 min

Lab File: VX010947.D

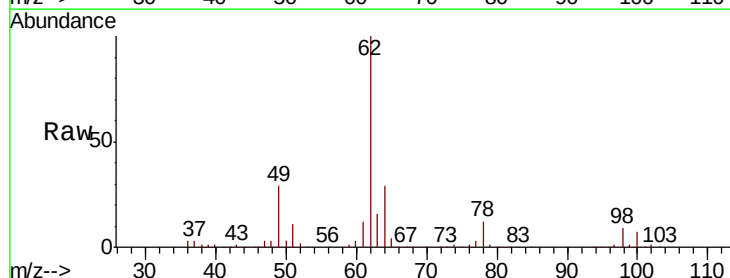
Acq: 18 Jul 2019 10:27

Tgt Ion: 62 Resp: 140401

Ion Ratio Lower Upper

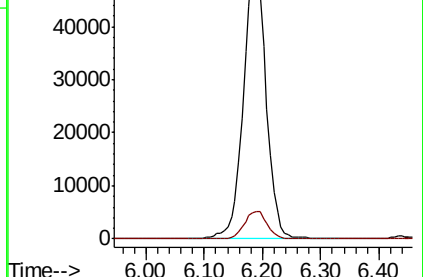
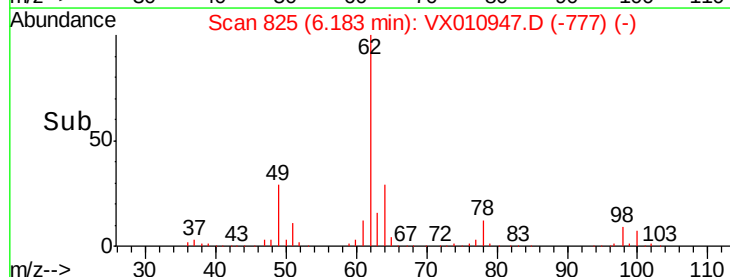
62 100

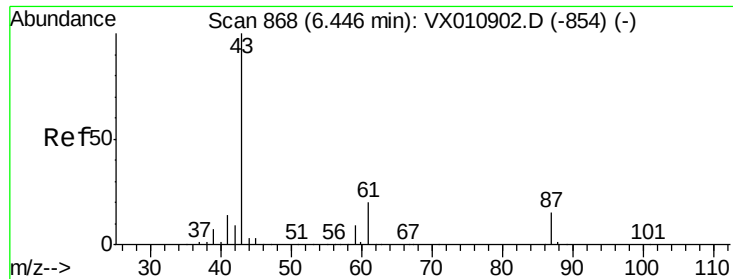
98 9.9 0.0 22.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

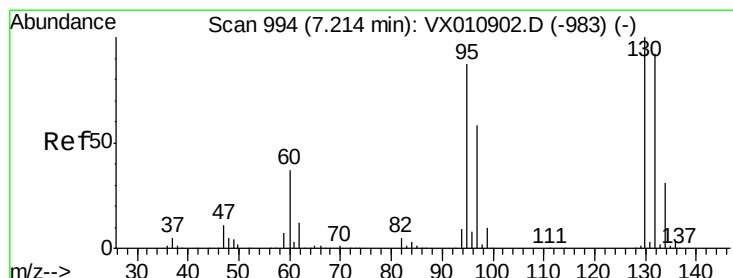
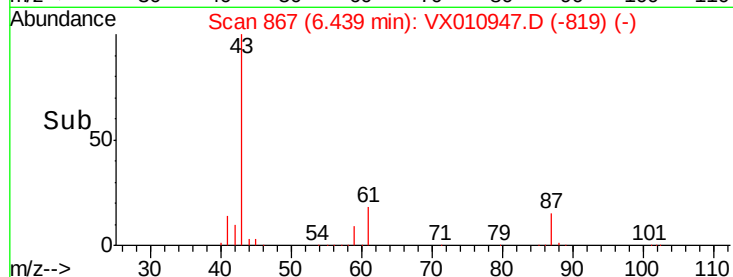
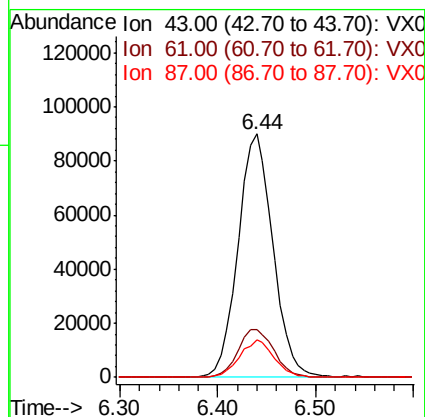
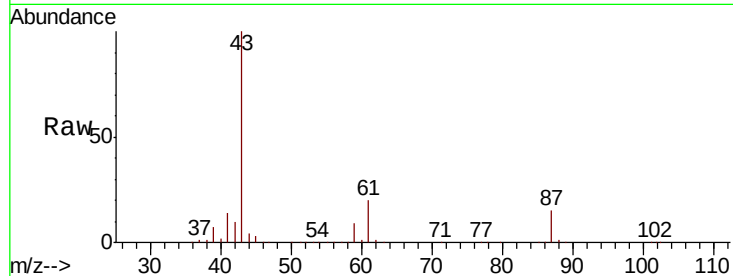




#43
Isopropyl Acetate
Concen: 49.560 ug/l
RT: 6.44 min Scan# 867
Delta R.T. -0.01 min
Lab File: VX010947.D
Acq: 18 Jul 2019 10:27

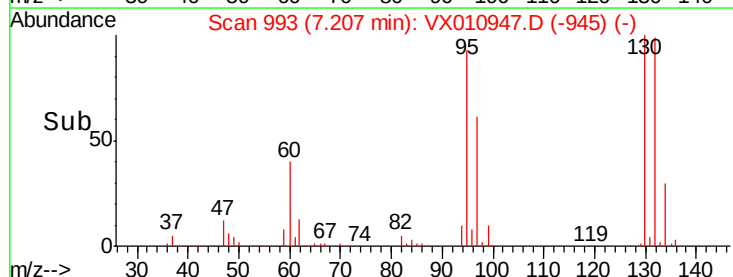
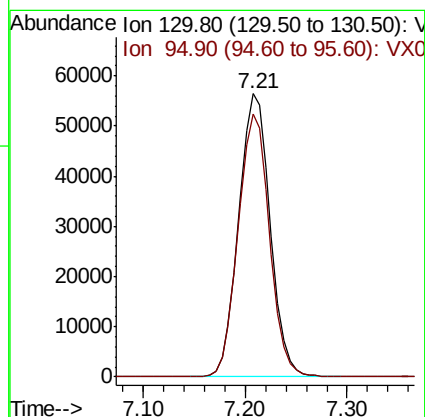
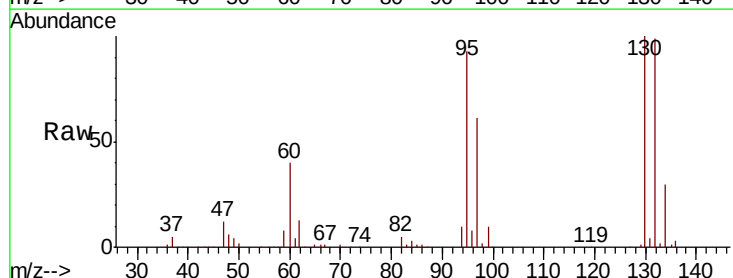
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

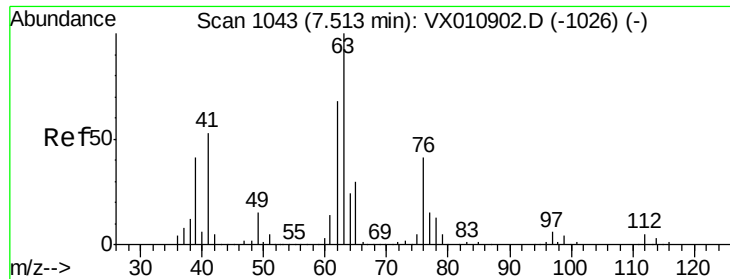
Tgt Ion: 43 Resp: 221490
Ion Ratio Lower Upper
43 100
61 20.6 17.8 26.6
87 15.3 13.0 19.4



#44
Trichloroethene
Concen: 50.097 ug/l
RT: 7.21 min Scan# 993
Delta R.T. -0.01 min
Lab File: VX010947.D
Acq: 18 Jul 2019 10:27

Tgt Ion: 130 Resp: 120568
Ion Ratio Lower Upper
130 100
95 92.8 0.0 180.8

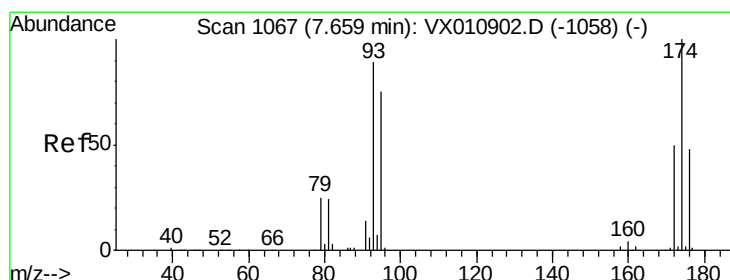
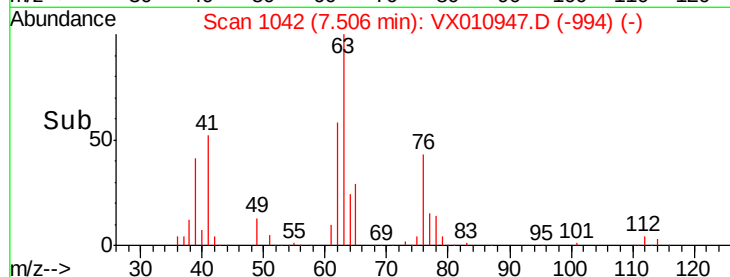
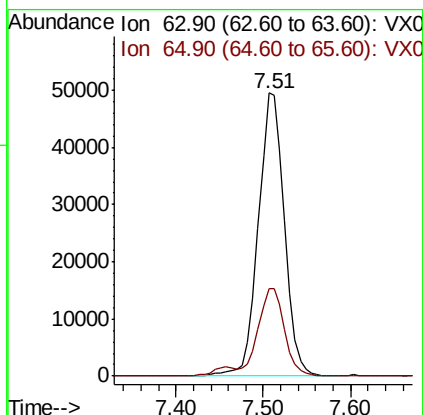
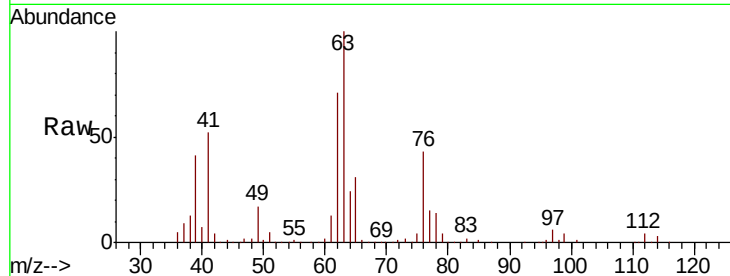




#45
 1,2-Dichloropropane
 Concen: 49.893 ug/l
 RT: 7.51 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX010947.D
 Acq: 18 Jul 2019 10:27

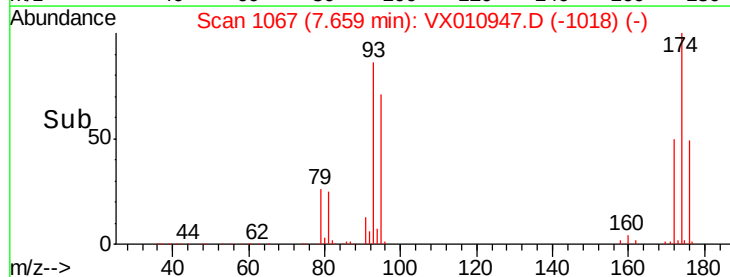
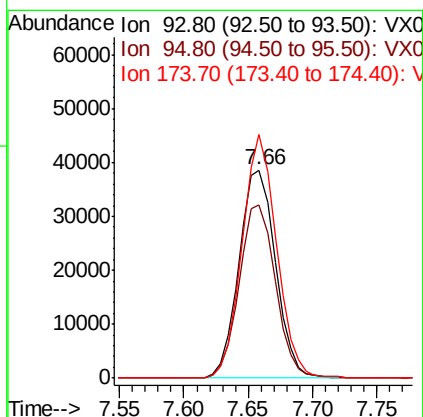
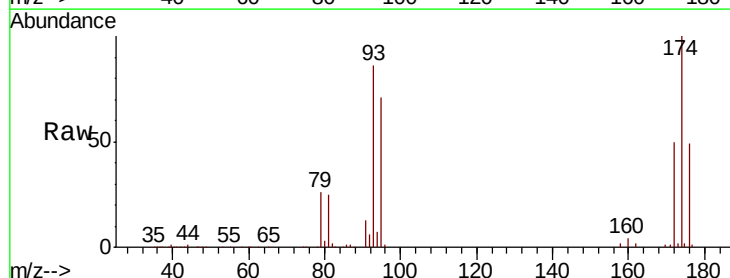
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

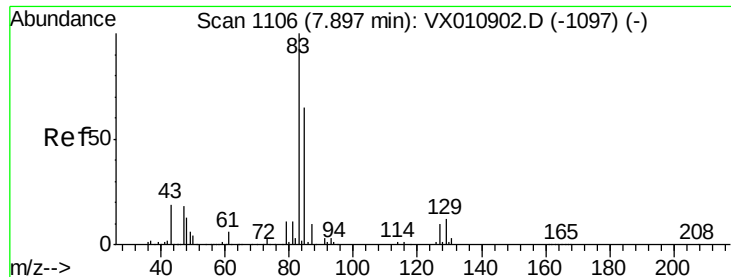
Tgt Ion: 63 Resp: 103250
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.8 37.2



#46
 Dibromomethane
 Concen: 51.202 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX010947.D
 Acq: 18 Jul 2019 10:27

Tgt Ion: 93 Resp: 75714
 Ion Ratio Lower Upper
 93 100
 95 83.0 67.5 101.3
 174 110.7 95.8 143.6





#47

Bromodichloromethane

Concen: 52.885 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010947.D

Acq: 18 Jul 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

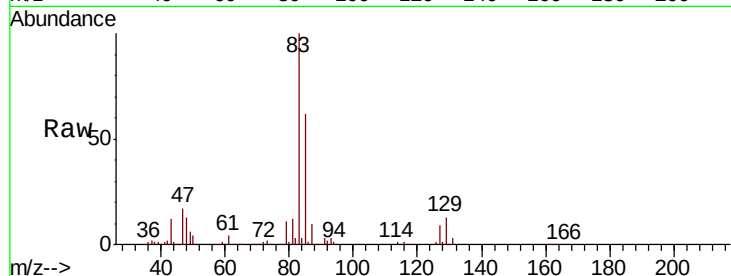
Tgt Ion: 83 Resp: 139207

Ion Ratio Lower Upper

83 100

85 62.0 51.5 77.3

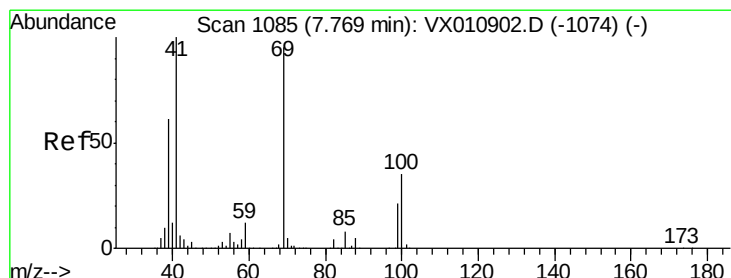
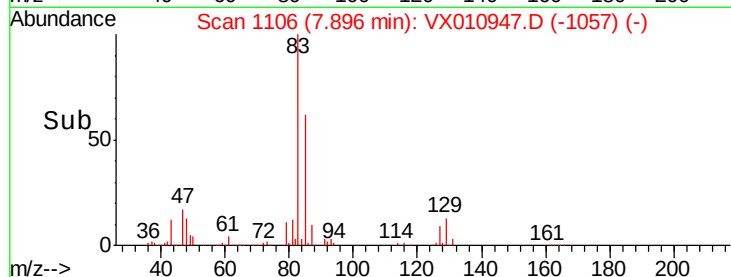
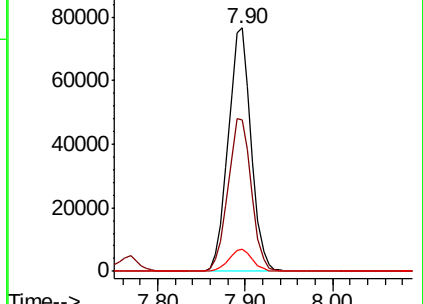
127 8.9 7.8 11.8



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: 49.877 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. -0.01 min

Lab File: VX010947.D

Acq: 18 Jul 2019 10:27

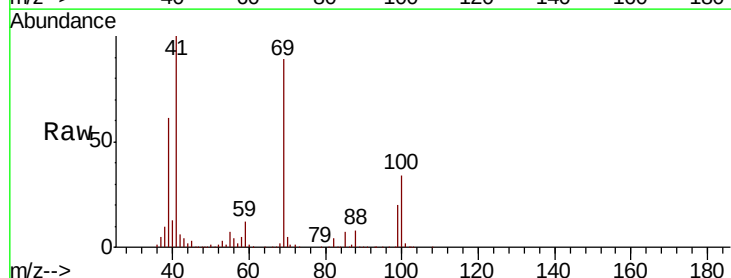
Tgt Ion: 41 Resp: 108588

Ion Ratio Lower Upper

41 100

69 90.4 76.1 114.1

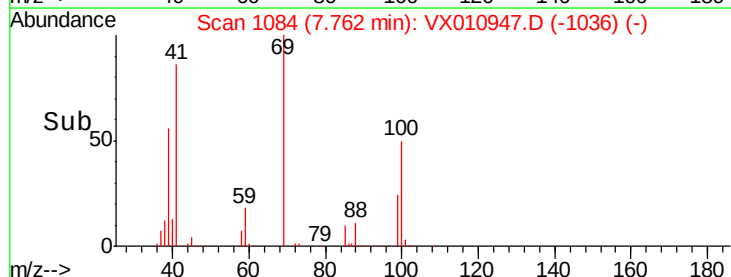
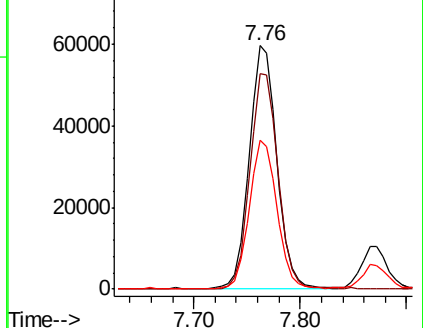
39 61.2 47.6 71.4

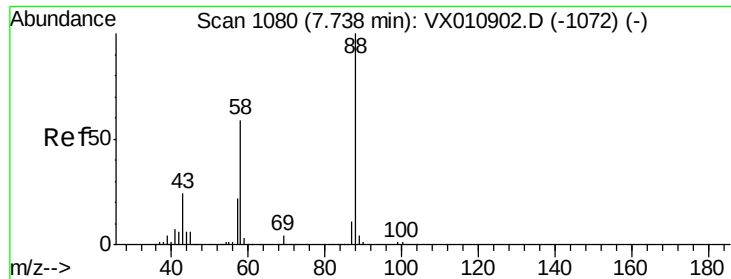


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

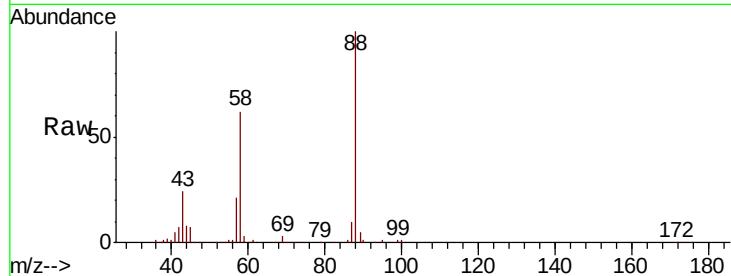




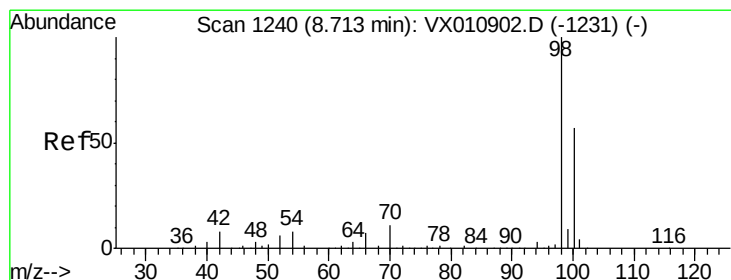
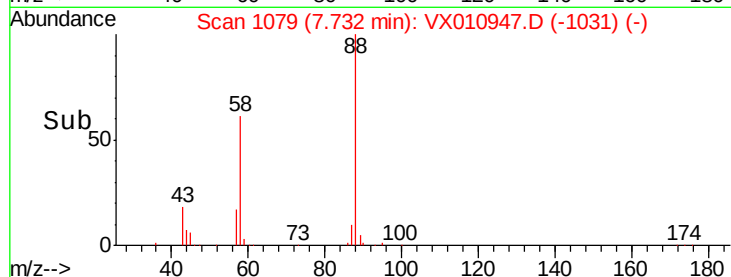
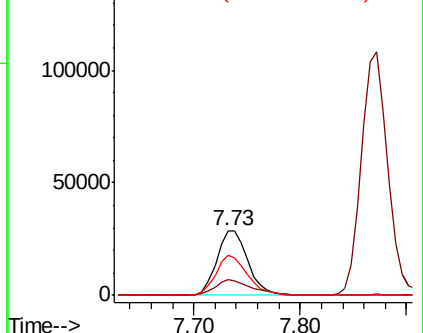
#49
 1,4-Dioxane
 Concen: 956.220 ug/l
 RT: 7.73 min Scan# 1079
 Delta R.T. -0.01 min
 Lab File: VX010947.D
 Acq: 18 Jul 2019 10:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 88 Resp: 58233
 Ion Ratio Lower Upper
 88 100
 43 27.2 20.2 30.2
 58 61.6 49.5 74.3

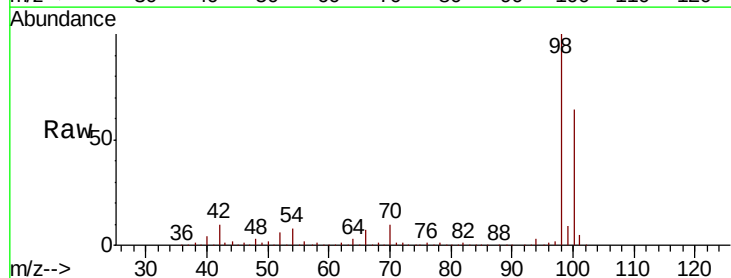


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

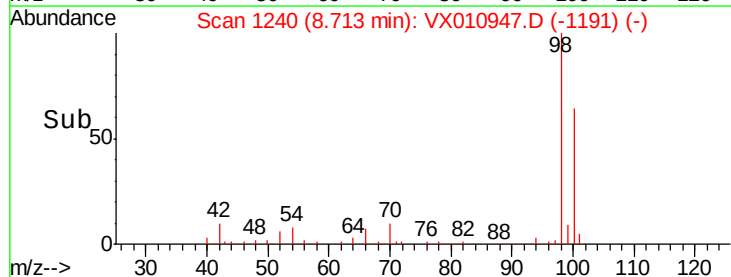
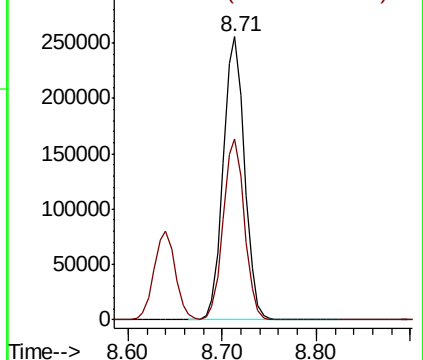


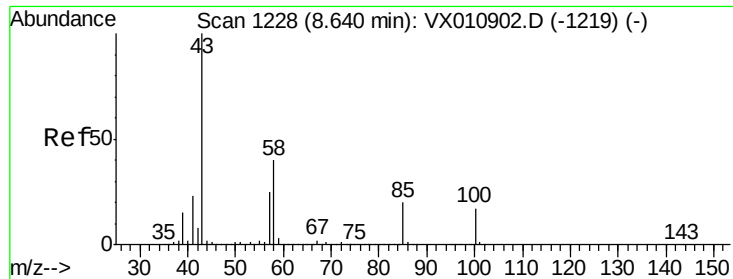
#50
 Toluene-d8
 Concen: 51.859 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX010947.D
 Acq: 18 Jul 2019 10:27

Tgt Ion: 98 Resp: 398936
 Ion Ratio Lower Upper
 98 100
 100 63.8 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 252.184 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX010947.D

Acq: 18 Jul 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

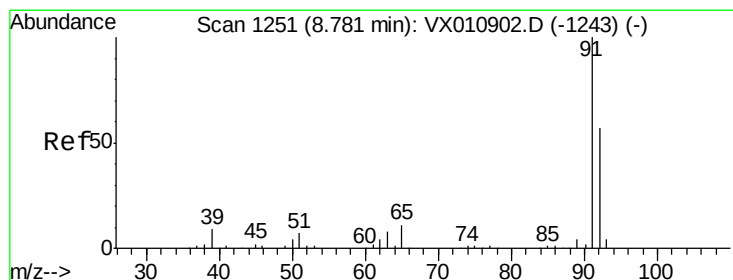
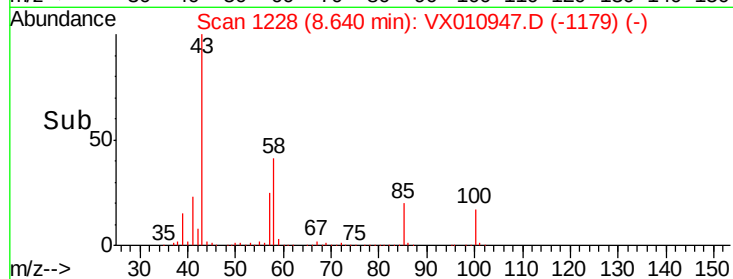
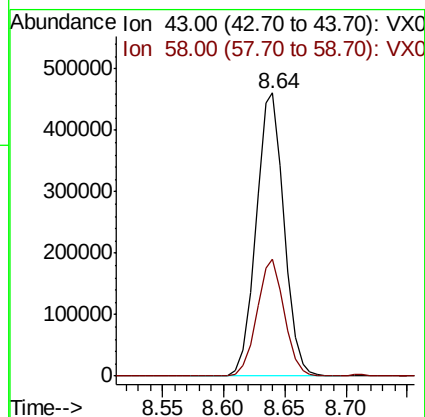
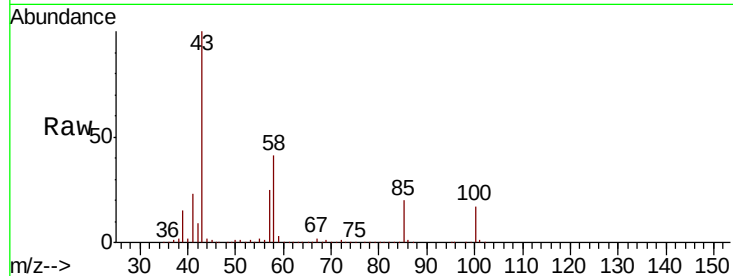
VSTDCCC050

Tgt Ion: 43 Resp: 730585

Ion Ratio Lower Upper

43 100

58 40.4 33.5 50.3



#52

Toluene

Concen: 50.320 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX010947.D

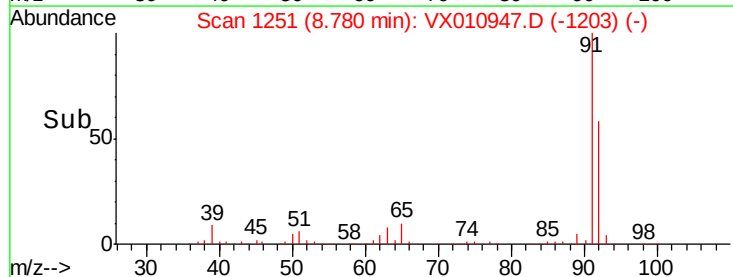
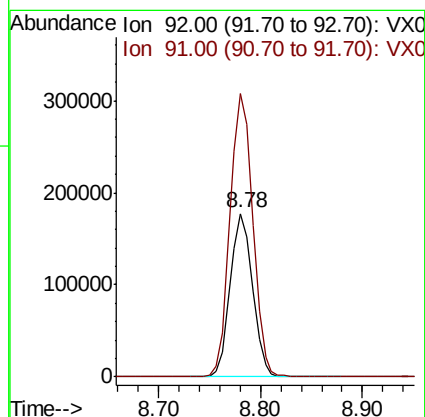
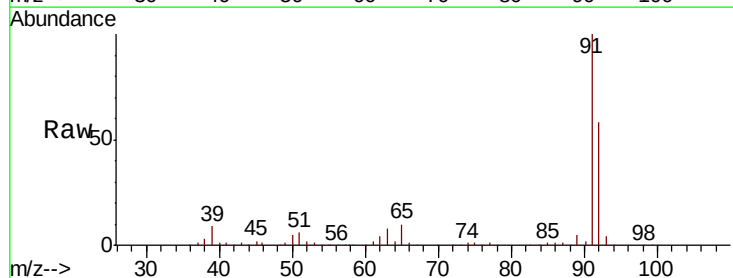
Acq: 18 Jul 2019 10:27

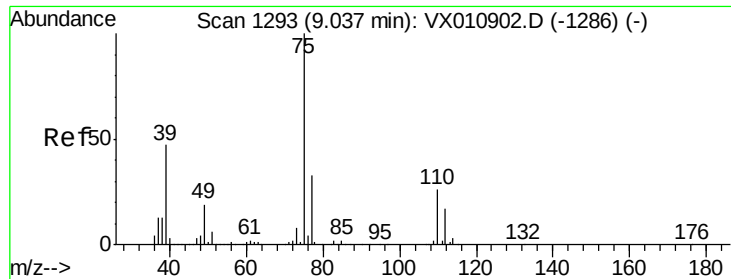
Tgt Ion: 92 Resp: 268775

Ion Ratio Lower Upper

92 100

91 176.6 139.8 209.6





#53

t-1,3-Dichloropropene

Concen: 53.985 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX010947.D

Acq: 18 Jul 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

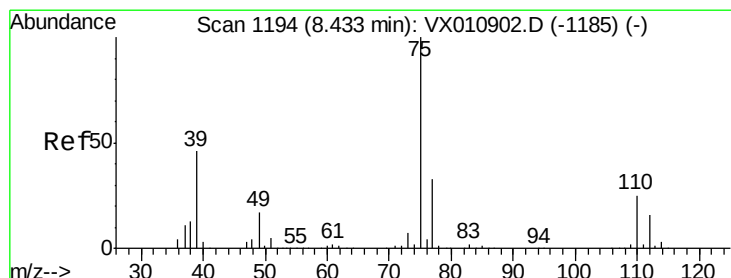
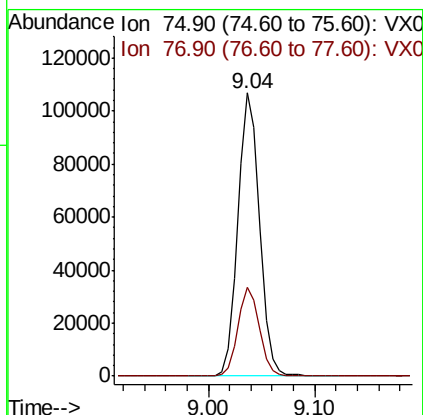
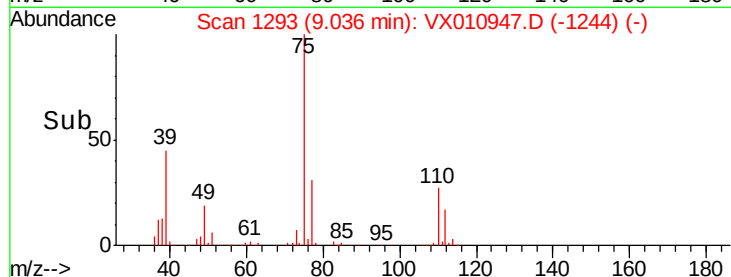
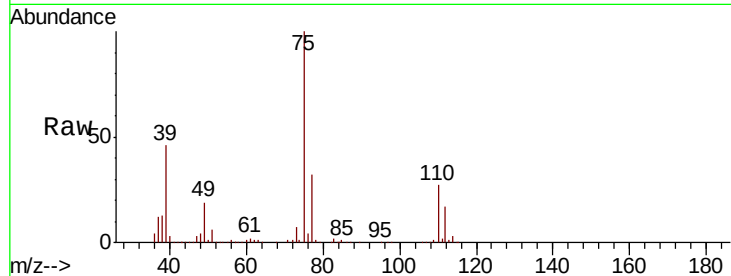
VSTDCCC050

Tgt Ion: 75 Resp: 152796

Ion Ratio Lower Upper

75 100

77 31.5 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 53.099 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX010947.D

Acq: 18 Jul 2019 10:27

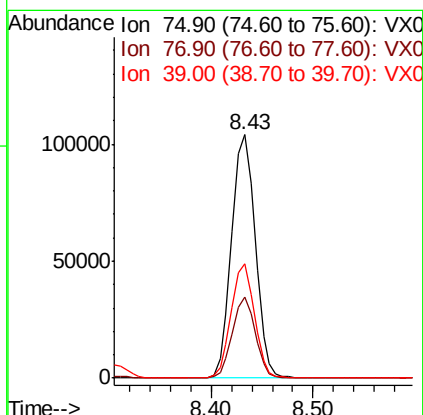
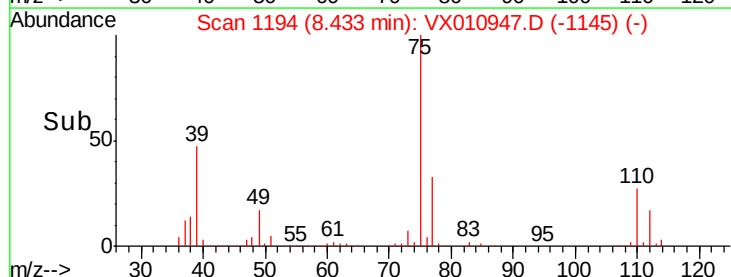
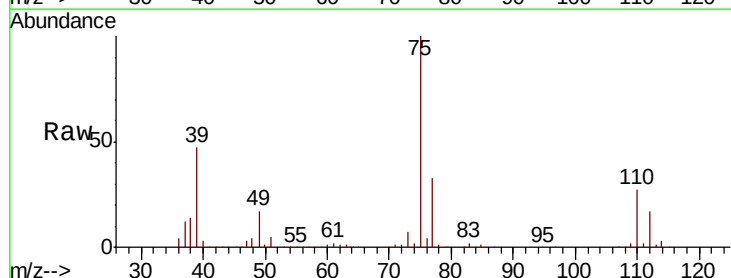
Tgt Ion: 75 Resp: 167231

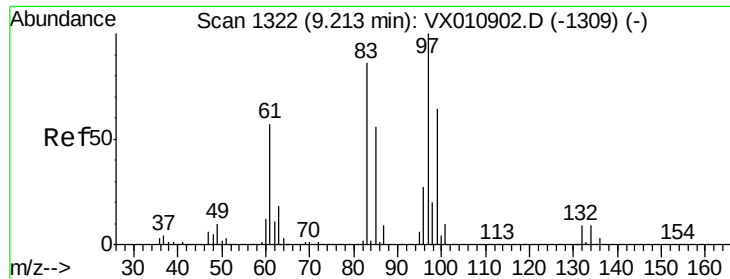
Ion Ratio Lower Upper

75 100

77 33.2 25.2 37.8

39 46.6 34.5 51.7





#55

1,1,2-Trichloroethane

Concen: 50.321 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX010947.D

Acq: 18 Jul 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 110669

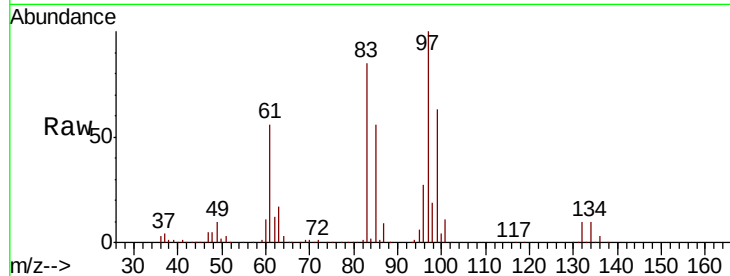
Ion Ratio Lower Upper

97 100

83 85.0 67.4 101.0

85 55.8 43.8 65.8

99 62.5 50.3 75.5

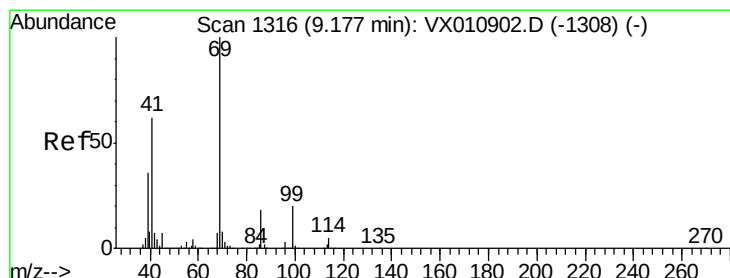
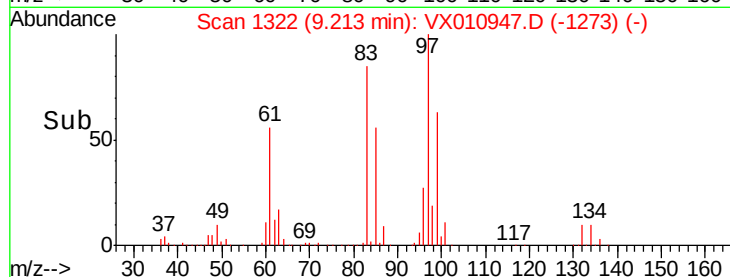
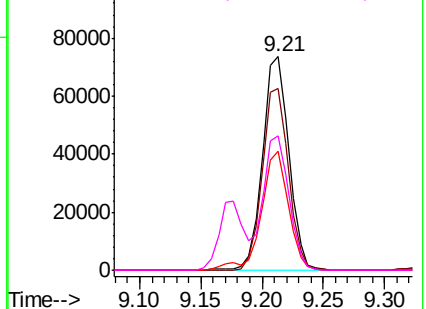


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 52.834 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX010947.D

Acq: 18 Jul 2019 10:27

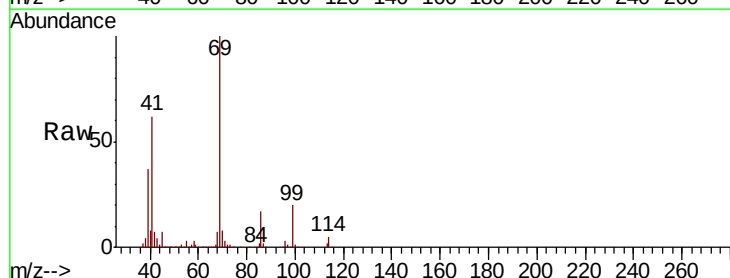
Tgt Ion: 69 Resp: 169966

Ion Ratio Lower Upper

69 100

41 61.8 47.1 70.7

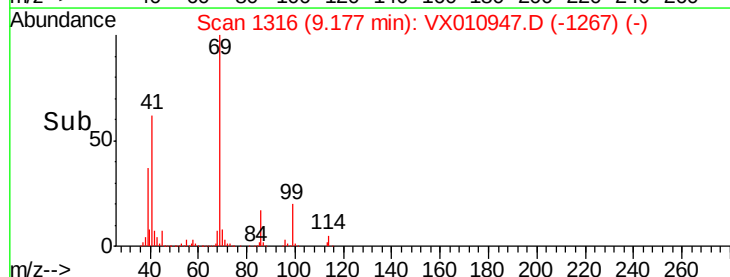
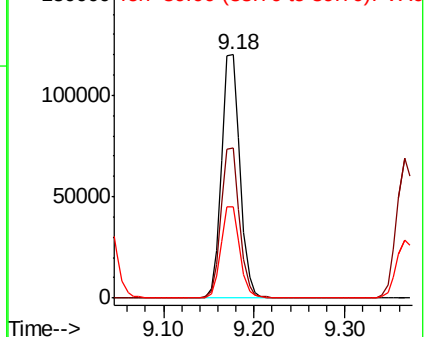
39 37.8 26.6 40.0

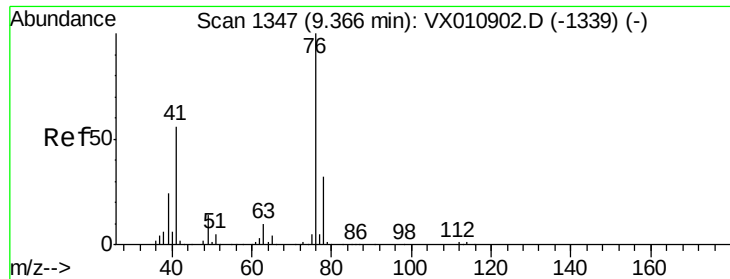


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

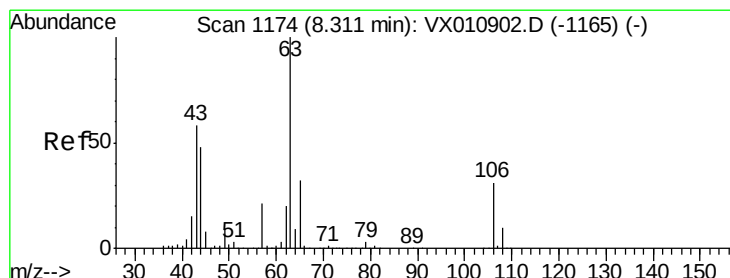
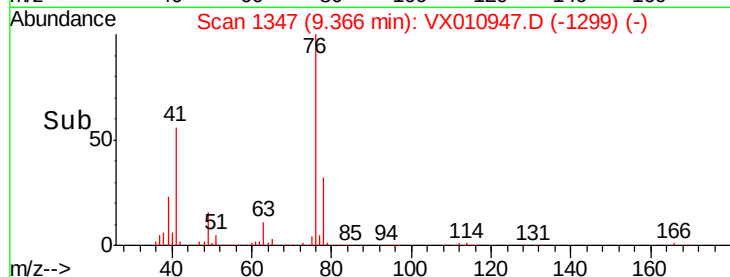
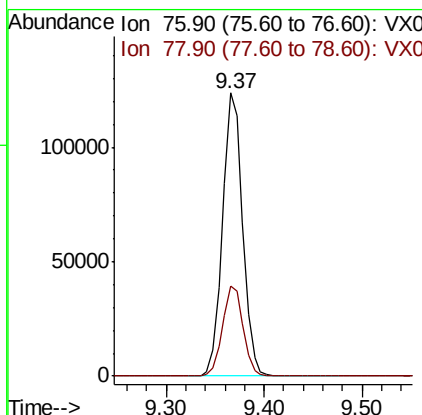
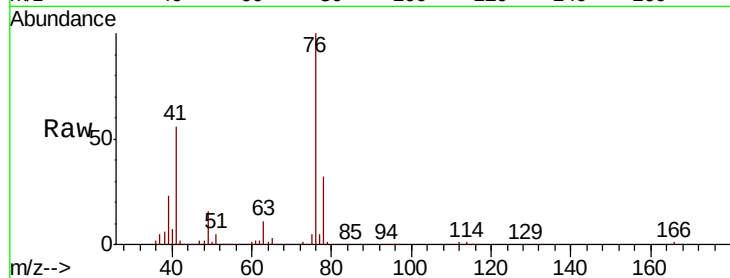




#57
 1,3-Dichloropropane
 Concen: 50.391 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. -0.01 min
 Lab File: VX010947.D
 Acq: 18 Jul 2019 10:27

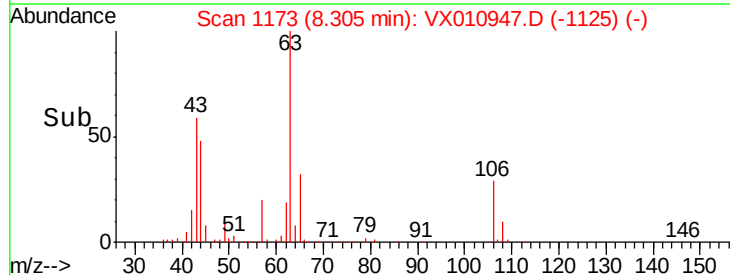
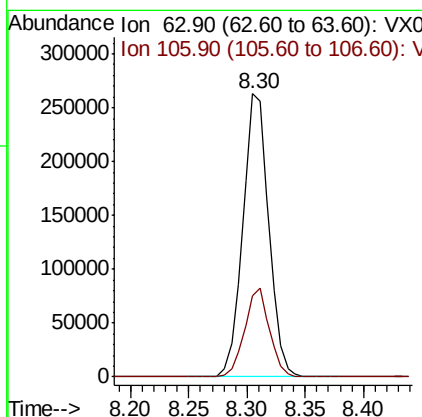
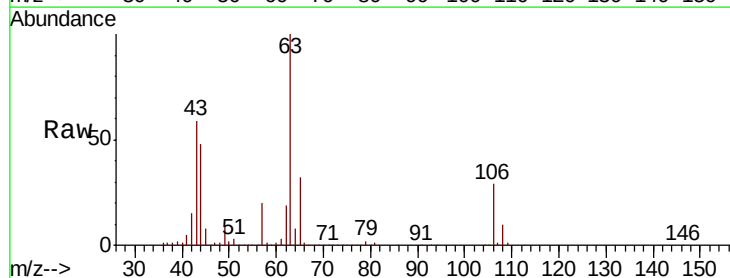
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

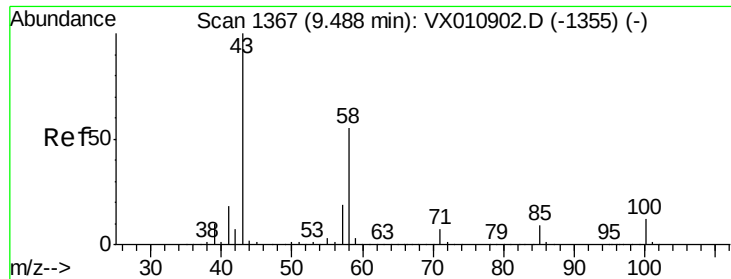
Tgt Ion: 76 Resp: 175804
 Ion Ratio Lower Upper
 76 100
 78 32.4 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 266.177 ug/l
 RT: 8.30 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: VX010947.D
 Acq: 18 Jul 2019 10:27

Tgt Ion: 63 Resp: 408758
 Ion Ratio Lower Upper
 63 100
 106 30.1 24.7 37.1

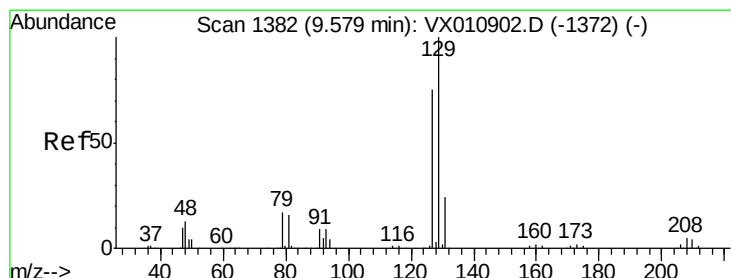
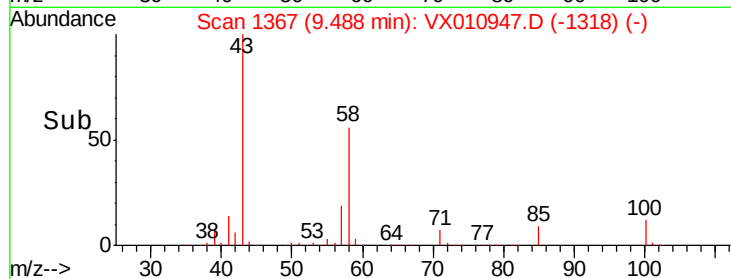
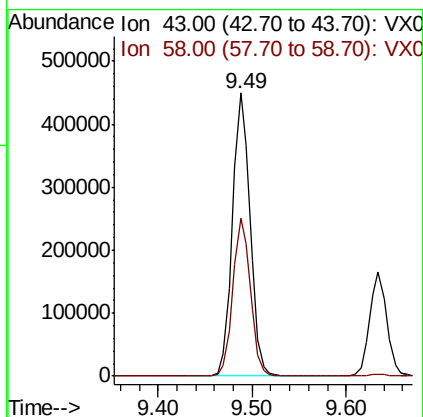
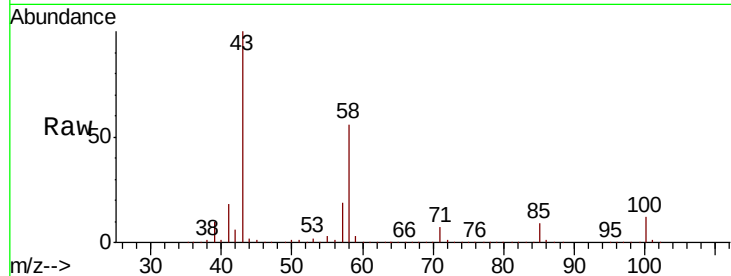




#59
2-Hexanone
Concen: 260.420 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010947.D
Acq: 18 Jul 2019 10:27

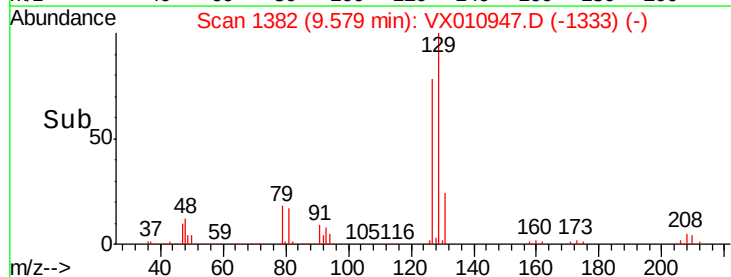
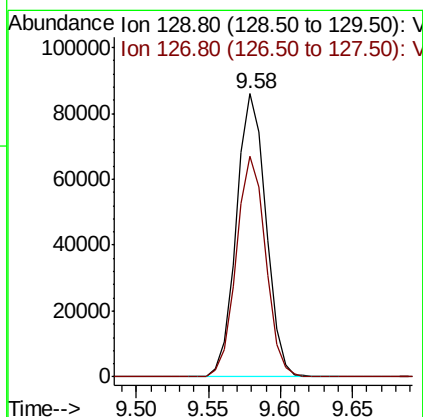
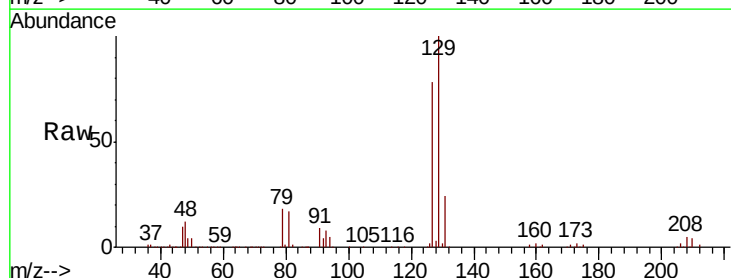
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

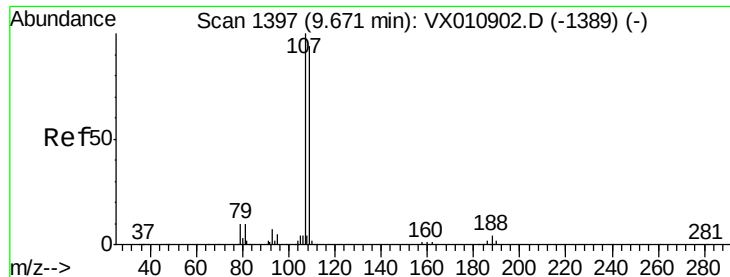
Tgt Ion: 43 Resp: 585162
Ion Ratio Lower Upper
43 100
58 55.6 29.0 87.1



#60
Dibromochloromethane
Concen: 48.752 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010947.D
Acq: 18 Jul 2019 10:27

Tgt Ion: 129 Resp: 123227
Ion Ratio Lower Upper
129 100
127 77.3 38.4 115.1





#61

1,2-Dibromoethane

Concen: 51.870 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010947.D

Acq: 18 Jul 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

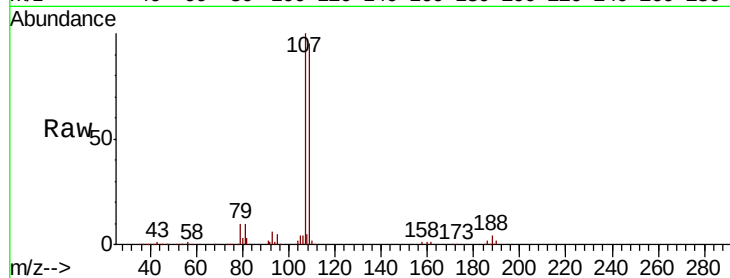
VSTDCCC050

Tgt Ion: 107 Resp: 121064

Ion Ratio Lower Upper

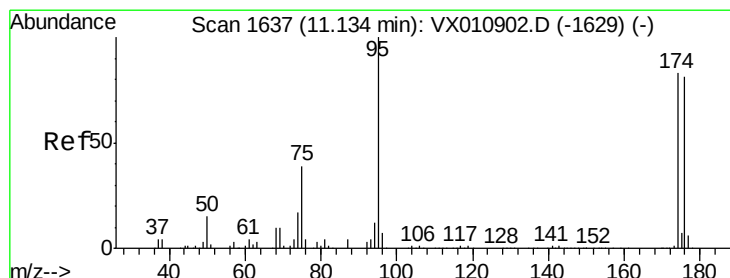
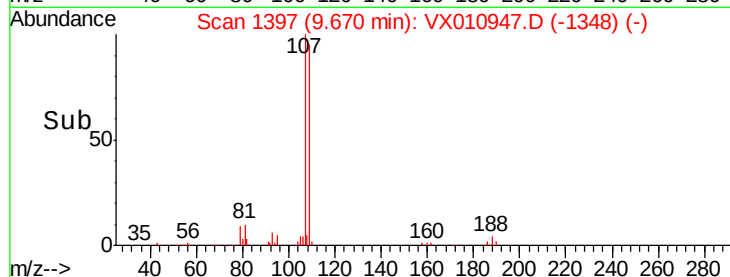
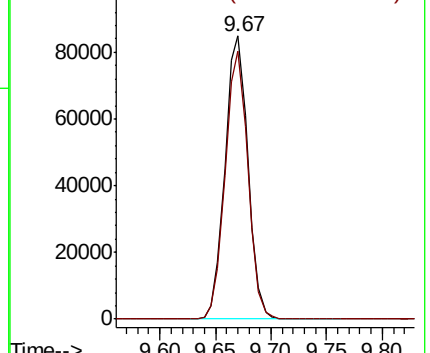
107 100

109 93.8 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: 53.127 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010947.D

Acq: 18 Jul 2019 10:27

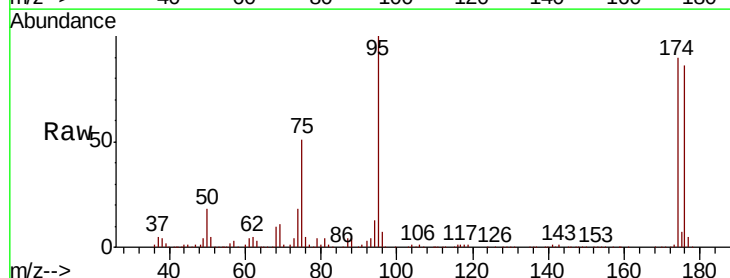
Tgt Ion: 95 Resp: 150222

Ion Ratio Lower Upper

95 100

174 91.8 0.0 187.6

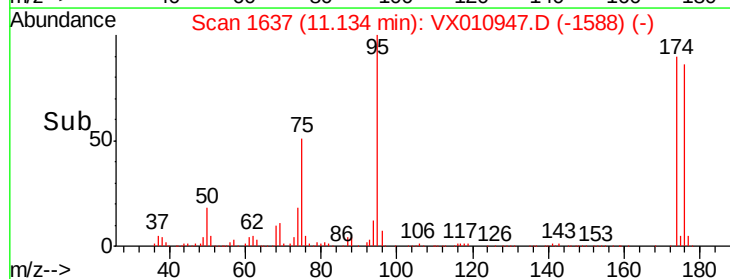
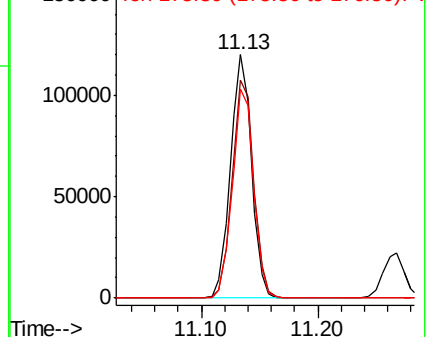
176 87.3 0.0 184.0

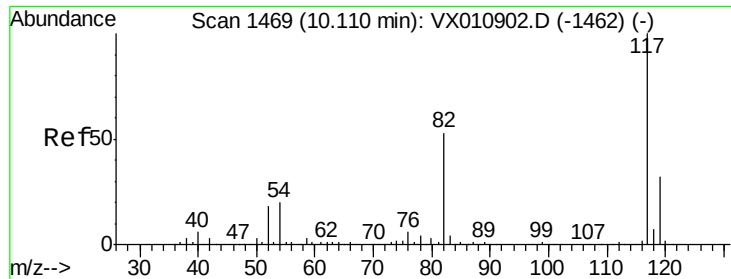


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

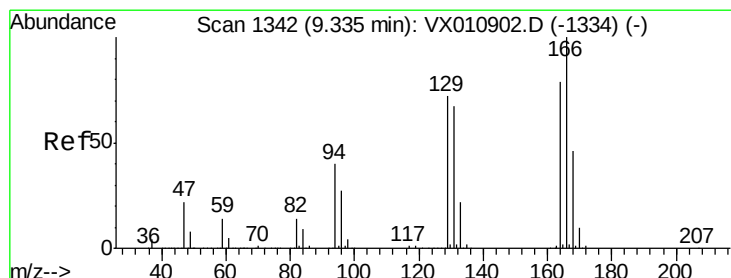
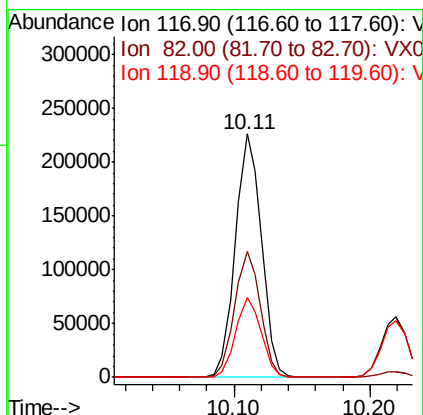
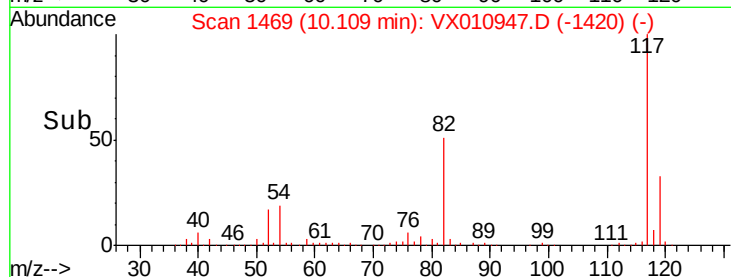
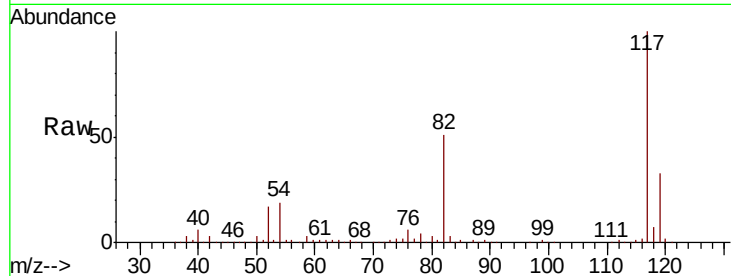




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010947.D
Acq: 18 Jul 2019 10:27

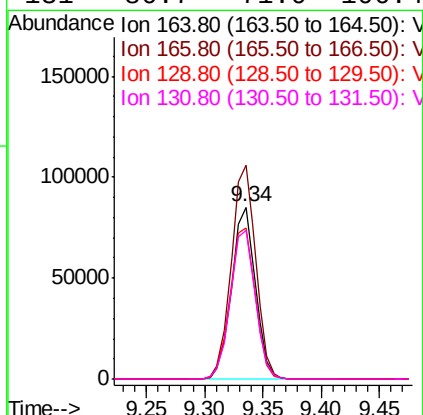
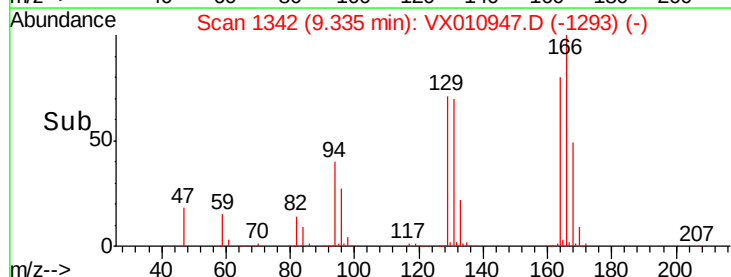
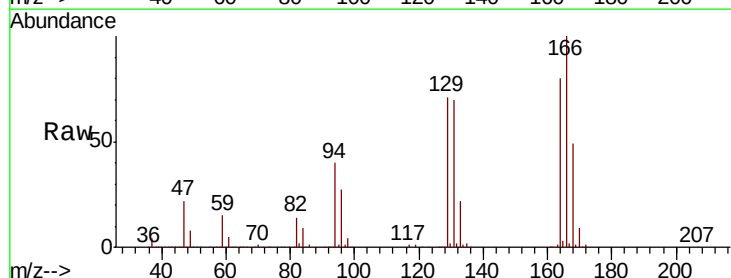
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

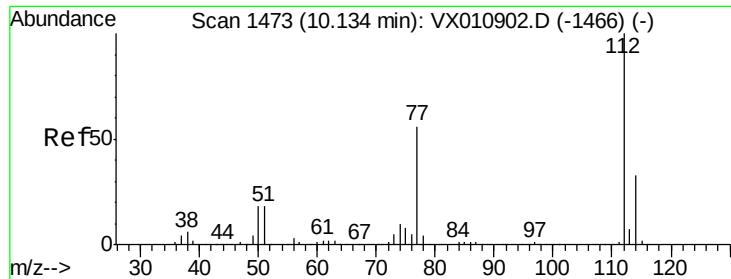
Tgt Ion:117 Resp: 301945
Ion Ratio Lower Upper
117 100
82 51.5 41.2 61.8
119 32.5 25.5 38.3



#64
Tetrachloroethene
Concen: 51.180 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010947.D
Acq: 18 Jul 2019 10:27

Tgt Ion:164 Resp: 121571
Ion Ratio Lower Upper
164 100
166 124.3 103.6 155.4
129 88.0 73.0 109.4
131 86.7 71.0 106.4

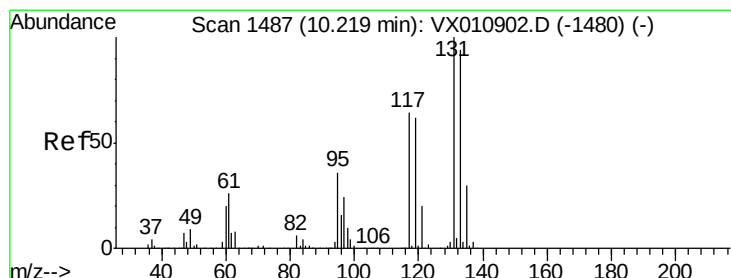
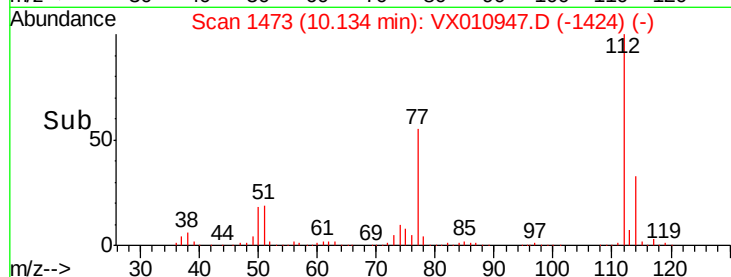
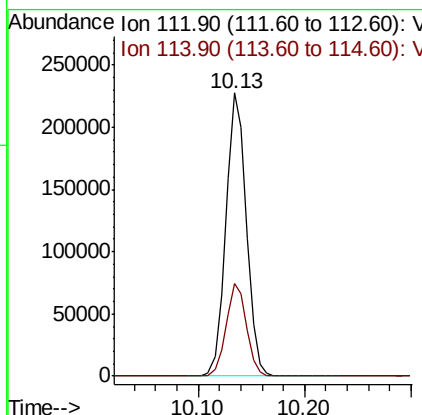
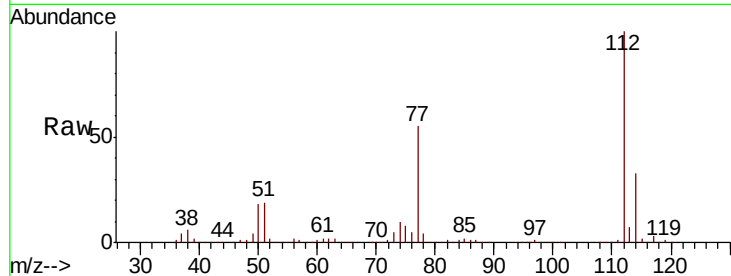




#65
Chlorobenzene
Concen: 49.391 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX010947.D
Acq: 18 Jul 2019 10:27

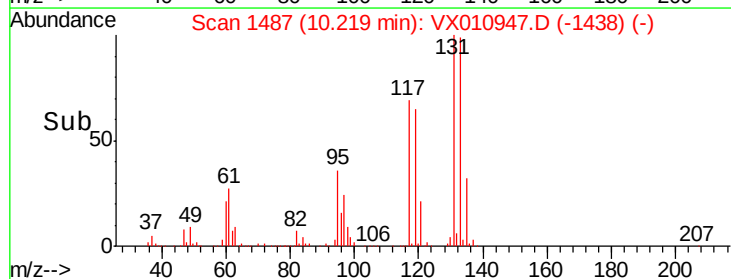
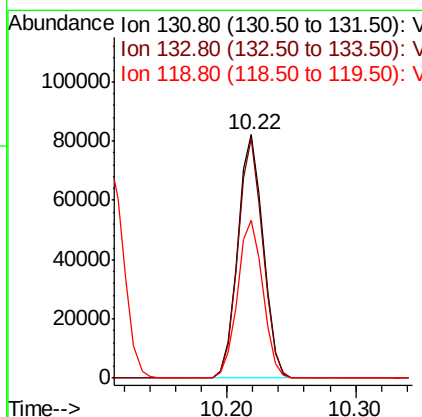
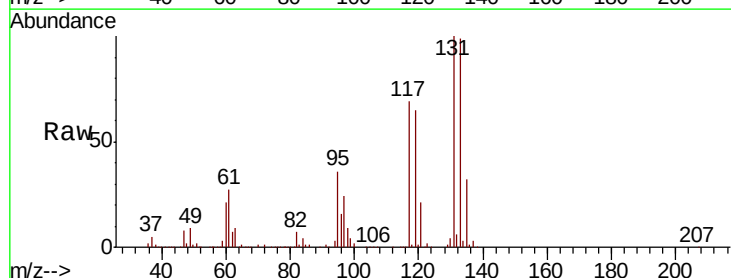
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

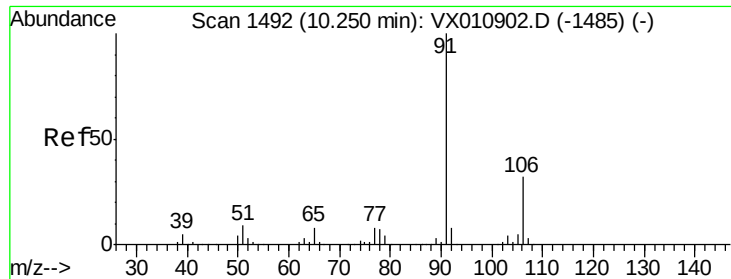
Tgt Ion:112 Resp: 306309
Ion Ratio Lower Upper
112 100
114 32.9 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 51.527 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX010947.D
Acq: 18 Jul 2019 10:27

Tgt Ion:131 Resp: 112310
Ion Ratio Lower Upper
131 100
133 96.5 47.7 143.1
119 64.6 32.6 97.7

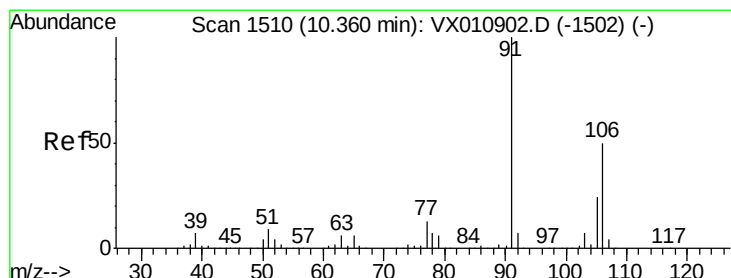
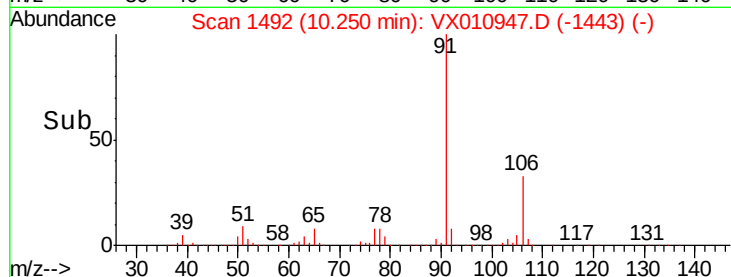
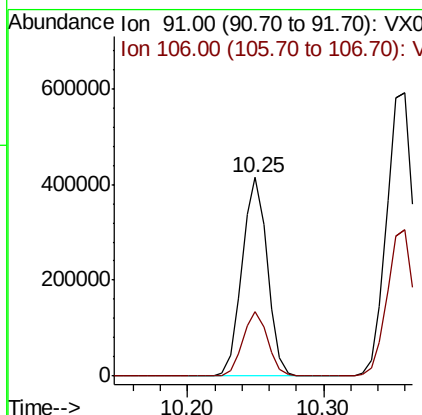
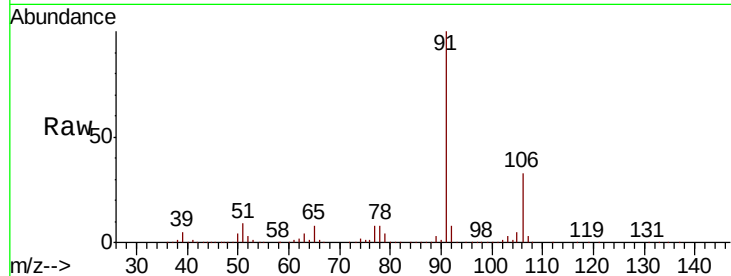




#67
Ethyl Benzene
Concen: 51.001 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010947.D
Acq: 18 Jul 2019 10:27

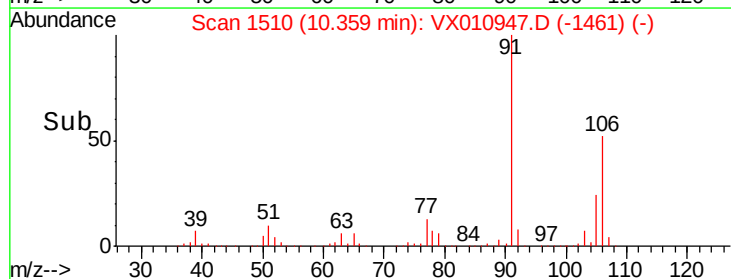
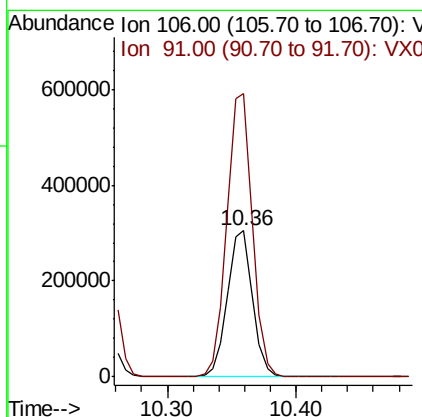
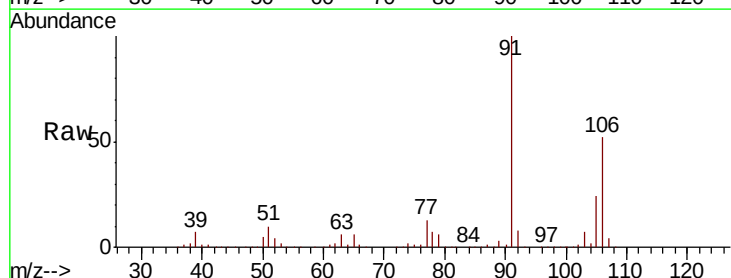
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

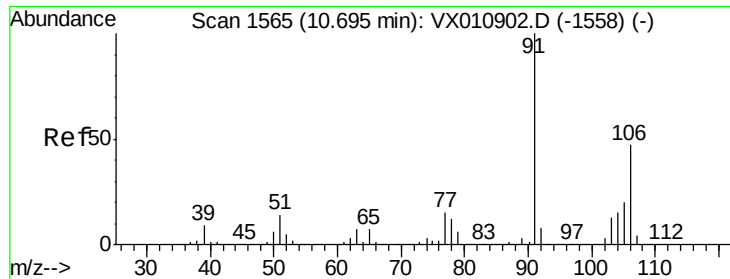
Tgt Ion: 91 Resp: 538371
Ion Ratio Lower Upper
91 100
106 32.5 26.2 39.2



#68
m/p-Xylenes
Concen: 102.933 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010947.D
Acq: 18 Jul 2019 10:27

Tgt Ion: 106 Resp: 416799
Ion Ratio Lower Upper
106 100
91 197.2 155.3 232.9

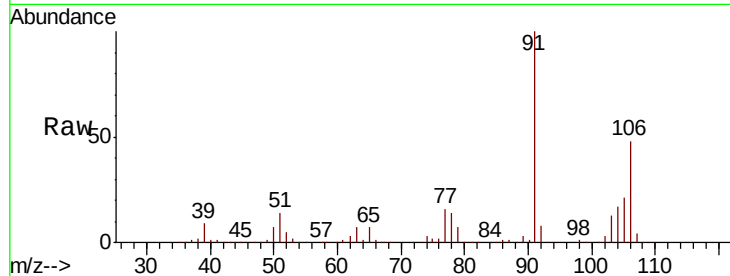




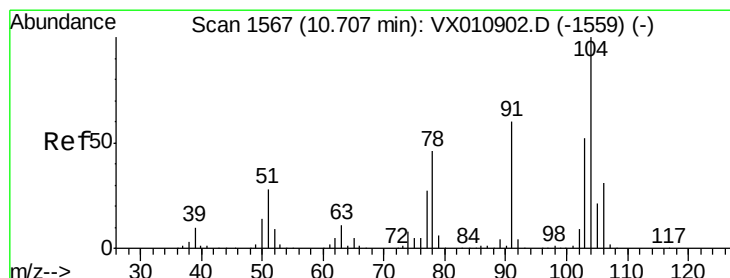
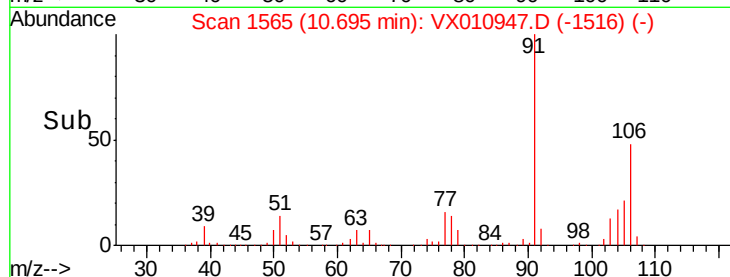
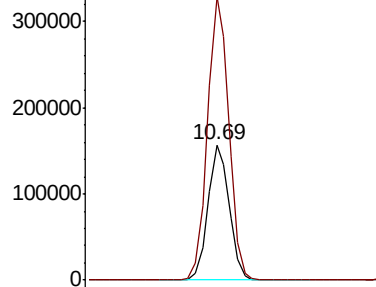
#69
o-Xylene
Concen: 50.456 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010947.D
Acq: 18 Jul 2019 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 199395
Ion Ratio Lower Upper
106 100
91 210.1 102.7 308.1

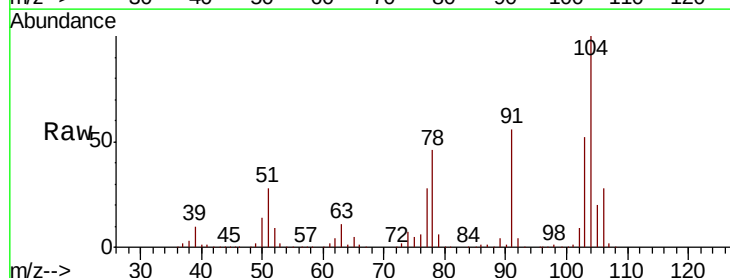


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

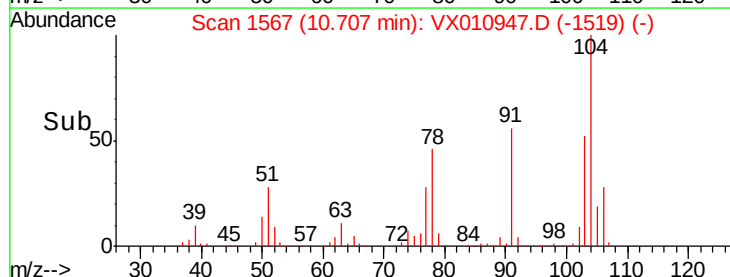
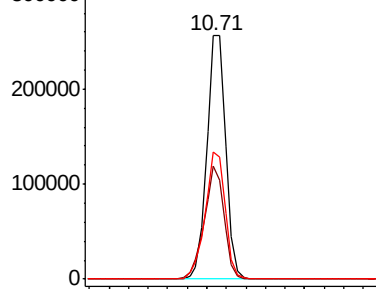


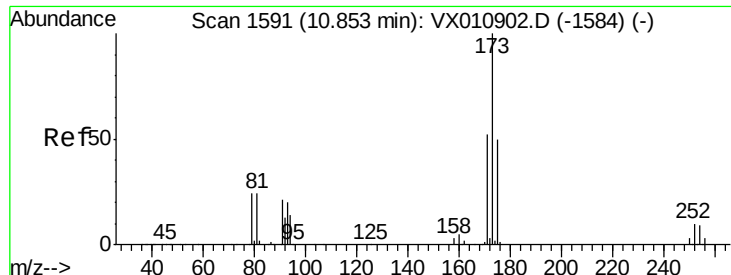
#70
Styrene
Concen: 52.104 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX010947.D
Acq: 18 Jul 2019 10:27

Tgt Ion:104 Resp: 343243
Ion Ratio Lower Upper
104 100
78 48.6 36.2 54.2
103 55.8 44.2 66.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 46.710 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010947.D

Acq: 18 Jul 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

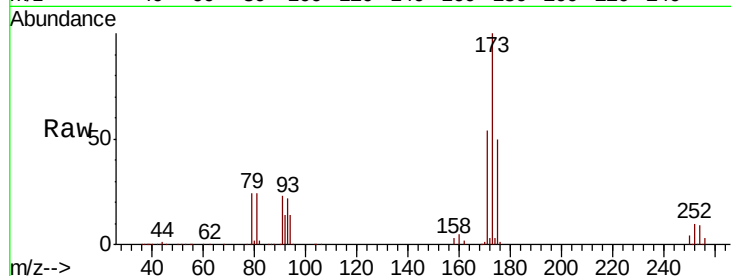
Tgt Ion:173 Resp: 92349

Ion Ratio Lower Upper

173 100

175 49.1 24.1 72.3

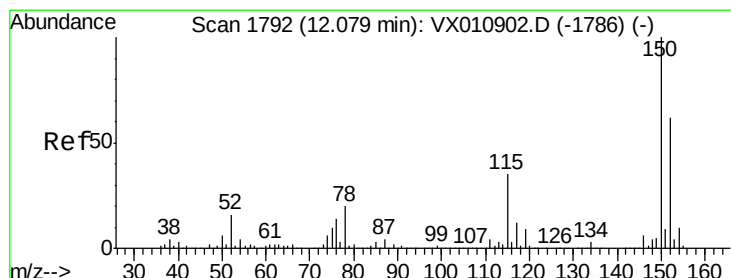
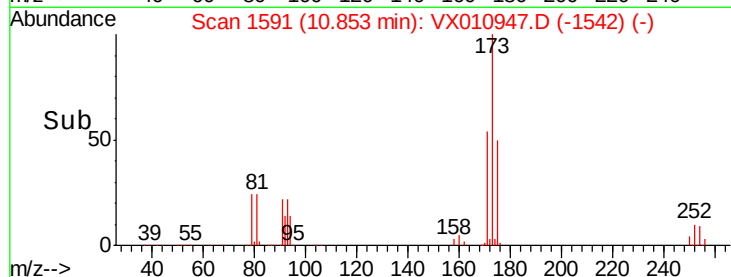
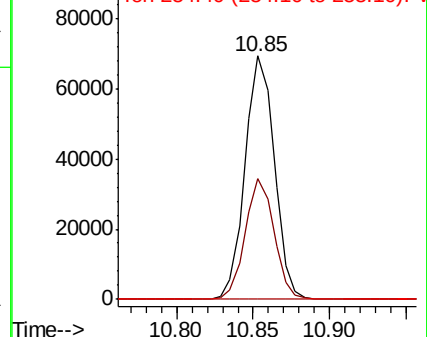
254 0.1 0.2 0.2#



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: VX010947.D

Acq: 18 Jul 2019 10:27

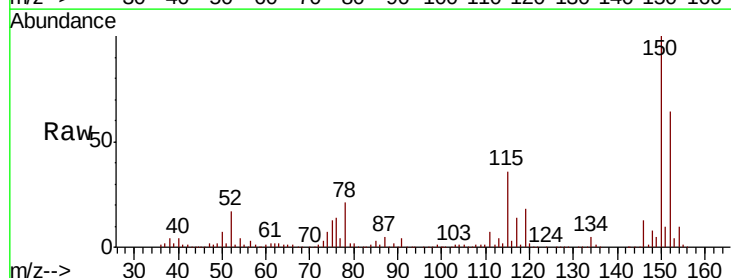
Tgt Ion:152 Resp: 161906

Ion Ratio Lower Upper

152 100

115 80.9 38.6 115.7

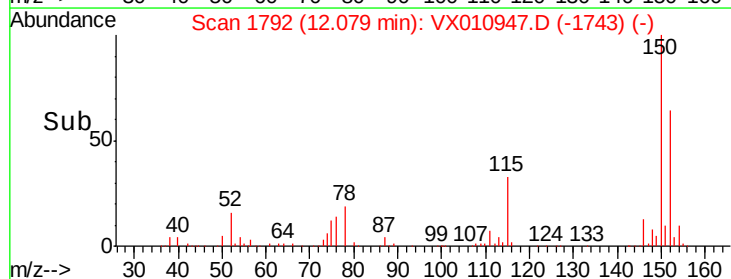
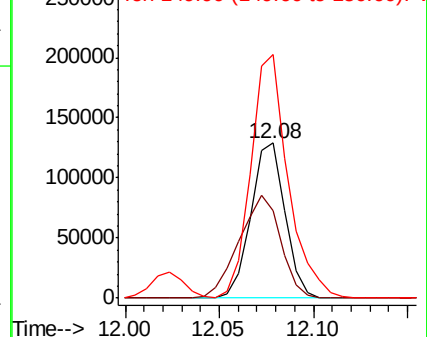
150 171.6 0.0 347.4

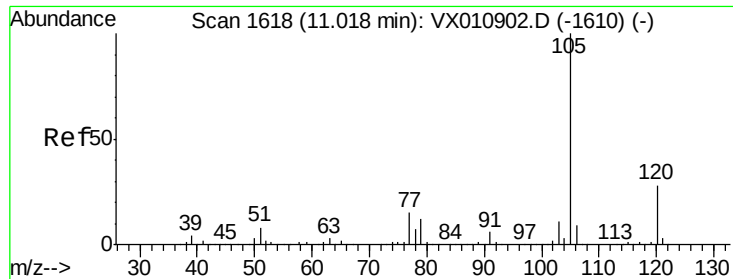


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.002 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010947.D

Acq: 18 Jul 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

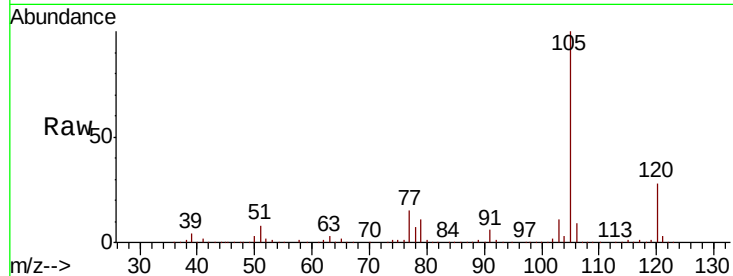
VSTDCCC050

Tgt Ion: 105 Resp: 547021

Ion Ratio Lower Upper

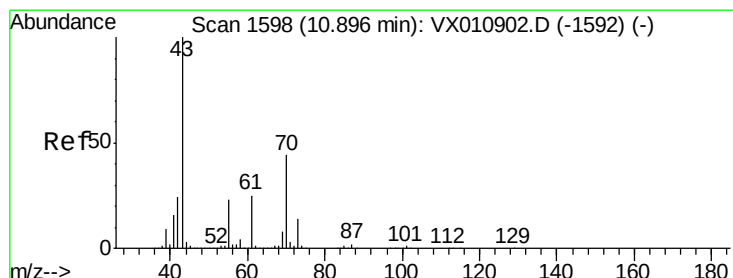
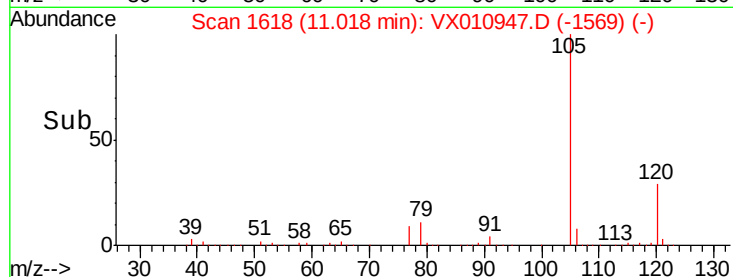
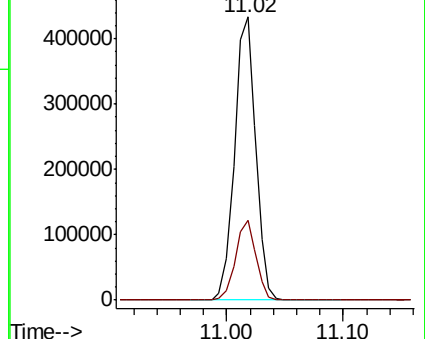
105 100

120 27.3 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: 49.241 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010947.D

Acq: 18 Jul 2019 10:27

Tgt Ion: 43 Resp: 205829

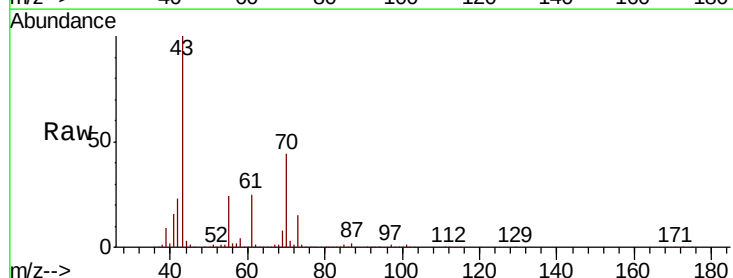
Ion Ratio Lower Upper

43 100

70 44.3 36.6 54.8

55 24.4 18.7 28.1

61 25.1 20.6 31.0

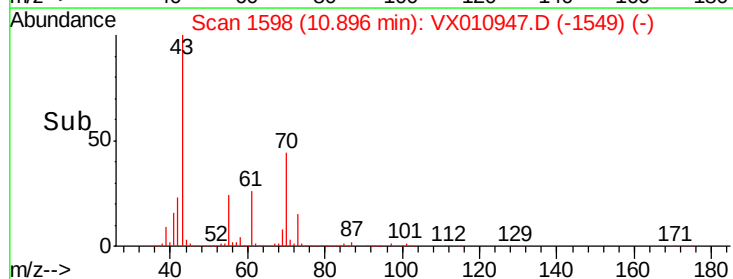
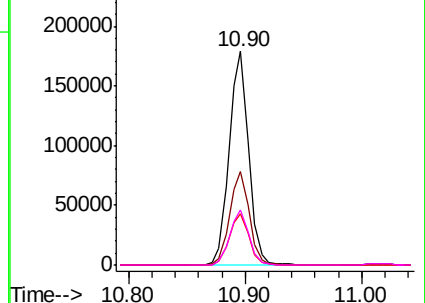


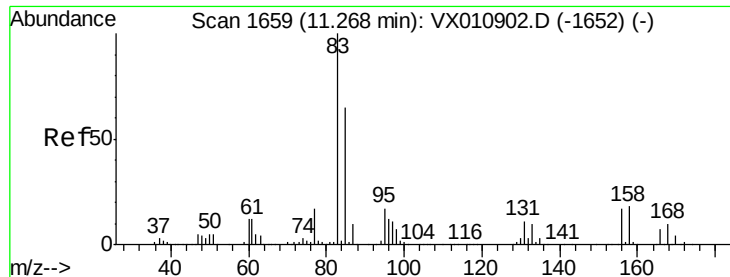
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 48.087 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010947.D

Acq: 18 Jul 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

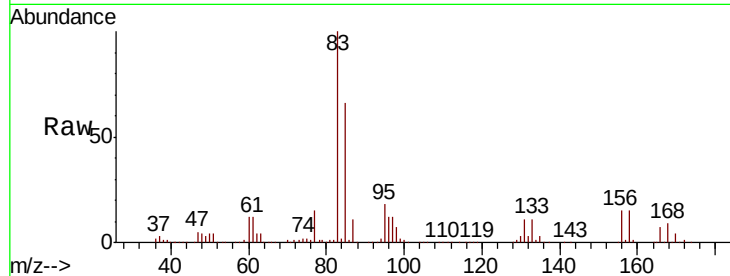
Tgt Ion: 83 Resp: 172158

Ion Ratio Lower Upper

83 100

131 11.2 5.5 16.4

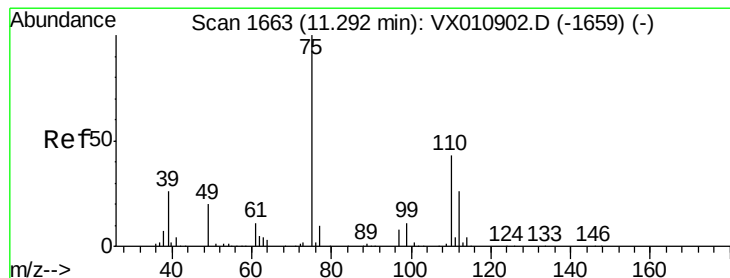
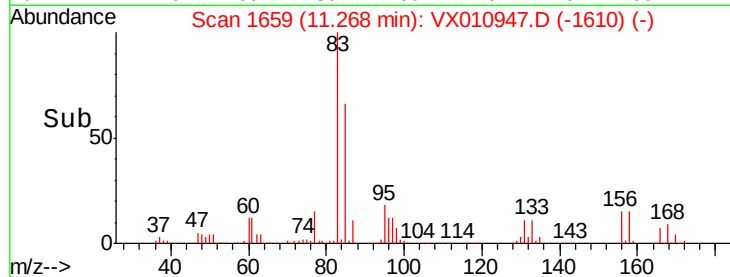
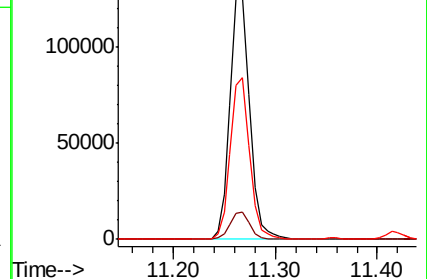
85 64.5 32.3 96.8



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: 63.104 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX010947.D

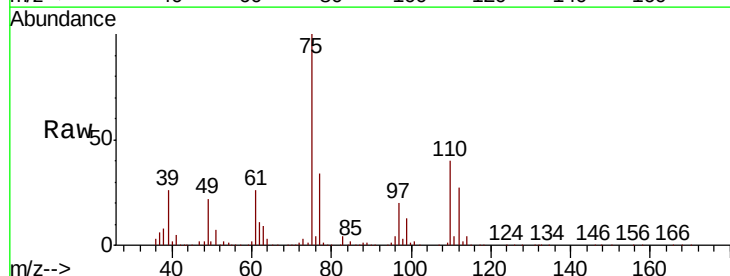
Acq: 18 Jul 2019 10:27

Tgt Ion: 75 Resp: 189441

Ion Ratio Lower Upper

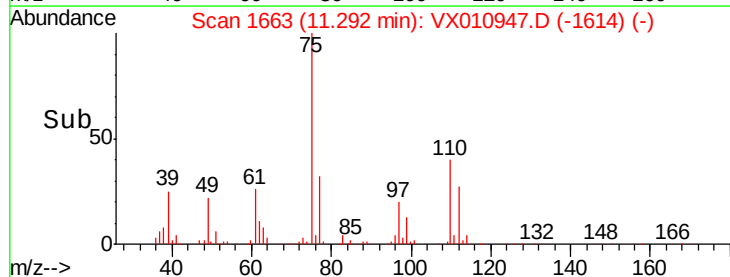
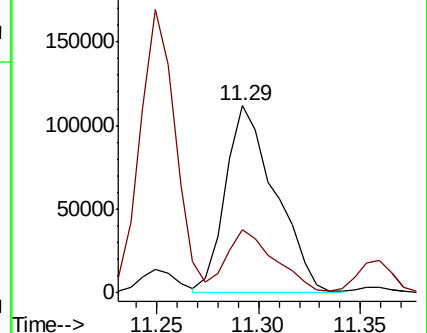
75 100

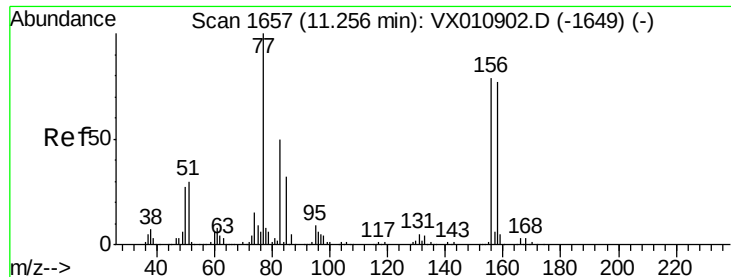
77 32.6 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.791 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX010947.D

Acq: 18 Jul 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

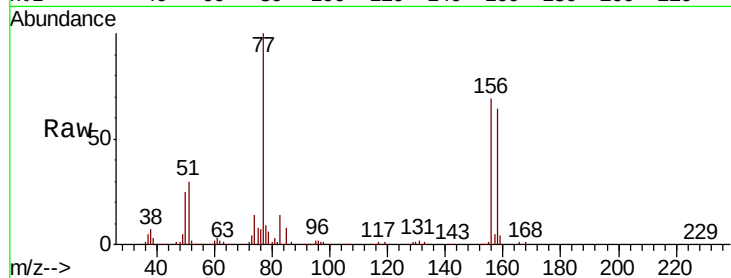
Tgt Ion:156 Resp: 147232

Ion Ratio Lower Upper

156 100

77 138.5 66.3 198.7

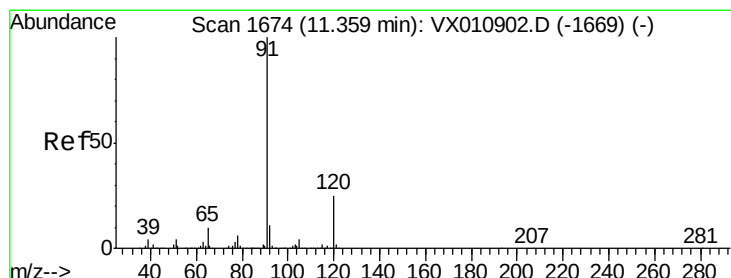
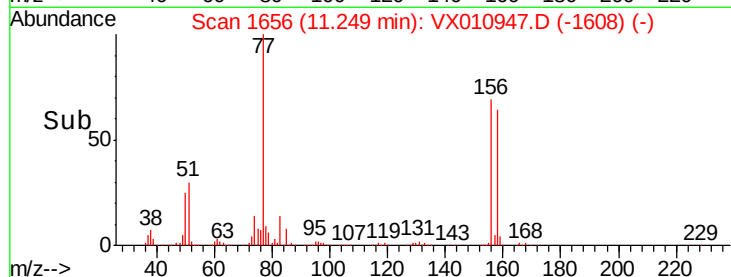
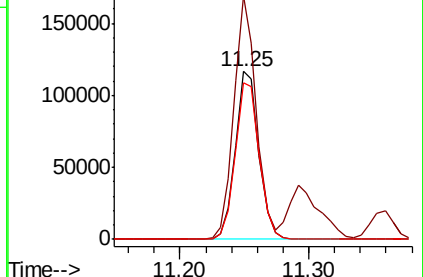
158 96.1 48.9 146.7



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: 51.411 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010947.D

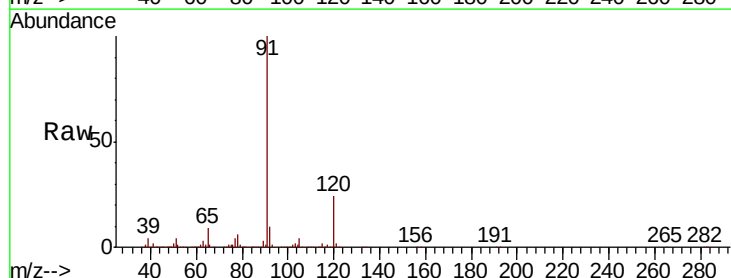
Acq: 18 Jul 2019 10:27

Tgt Ion: 91 Resp: 621446

Ion Ratio Lower Upper

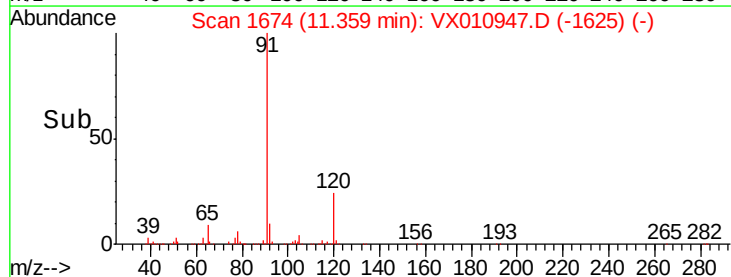
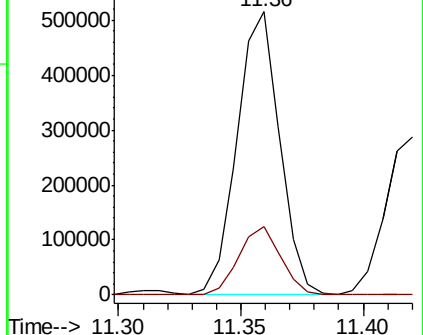
91 100

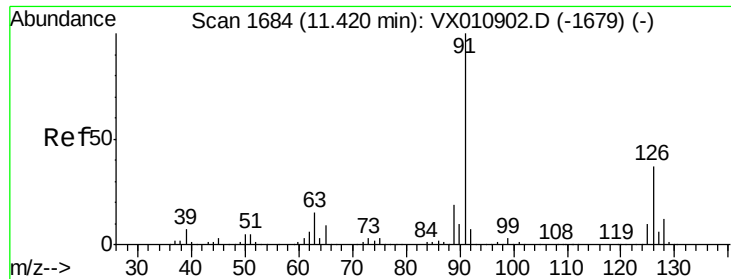
120 24.1 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

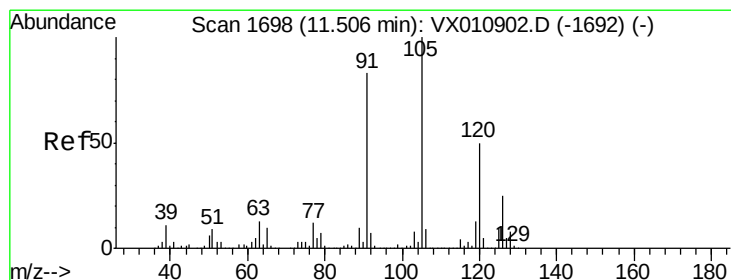
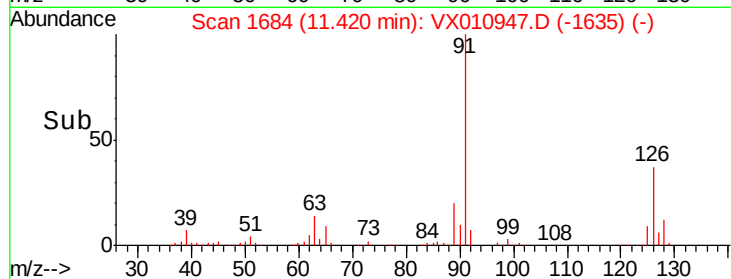
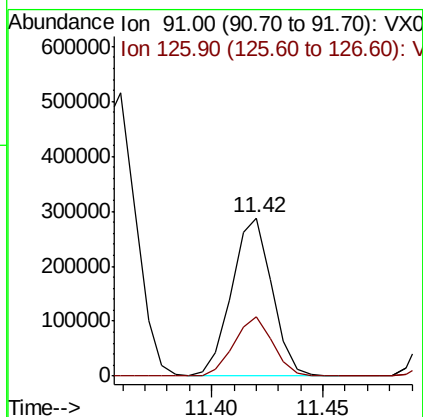
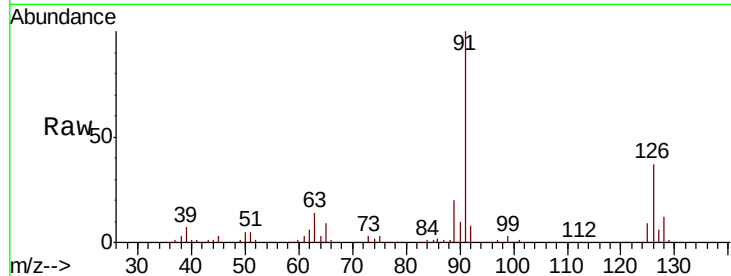




#79
 2-Chlorotoluene
 Concen: 49.648 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX010947.D
 Acq: 18 Jul 2019 10:27

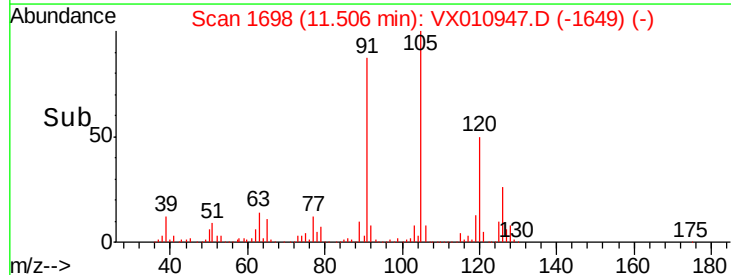
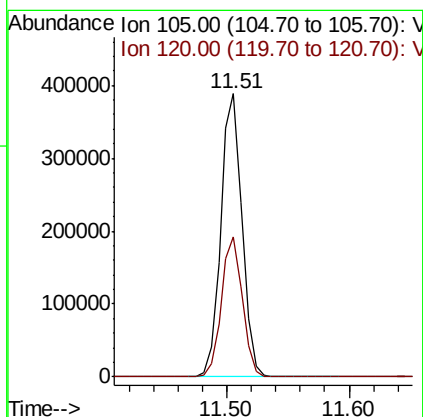
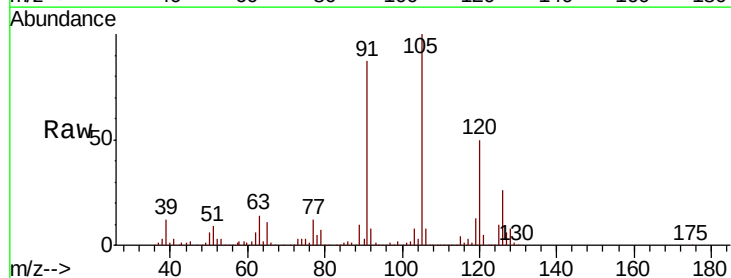
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

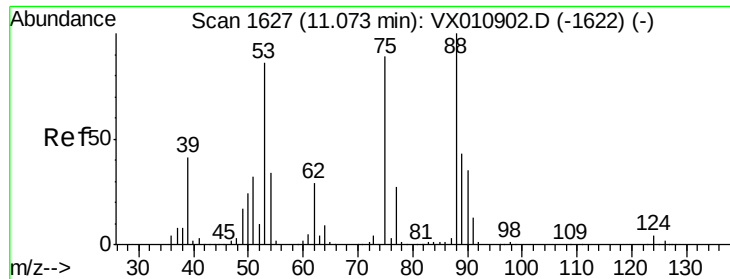
Tgt Ion: 91 Resp: 360517
 Ion Ratio Lower Upper
 91 100
 126 36.4 18.7 56.1



#80
 1,3,5-Trimethylbenzene
 Concen: 50.800 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010947.D
 Acq: 18 Jul 2019 10:27

Tgt Ion: 105 Resp: 464385
 Ion Ratio Lower Upper
 105 100
 120 49.4 25.2 75.6

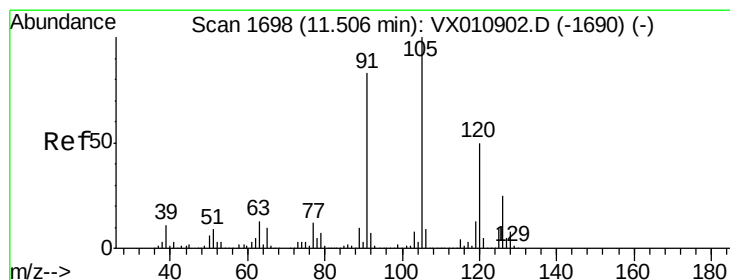
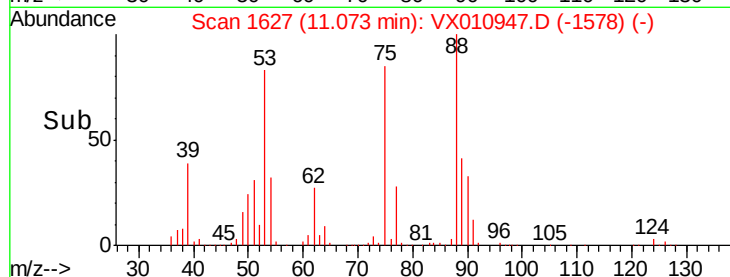
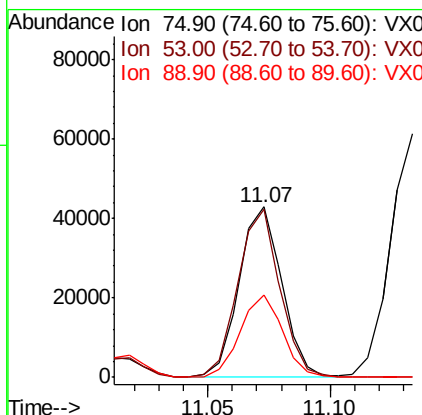
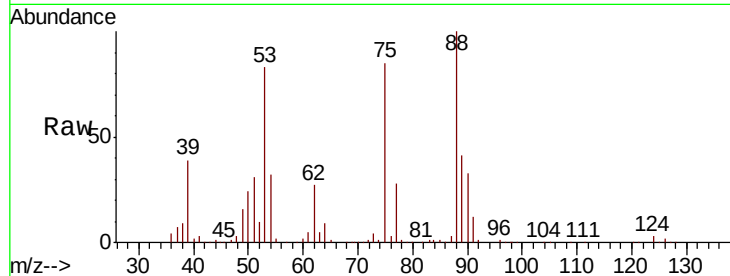




#81
trans-1,4-Dichloro-2-butene
Concen: 45.517 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX010947.D
Acq: 18 Jul 2019 10:27

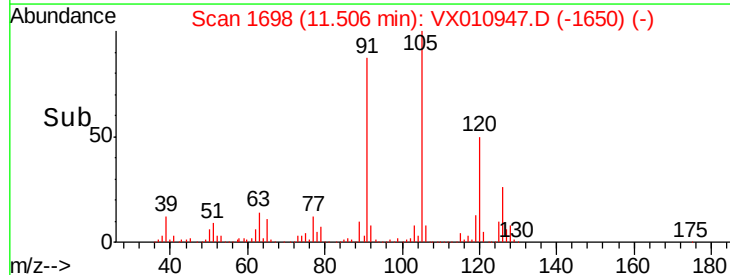
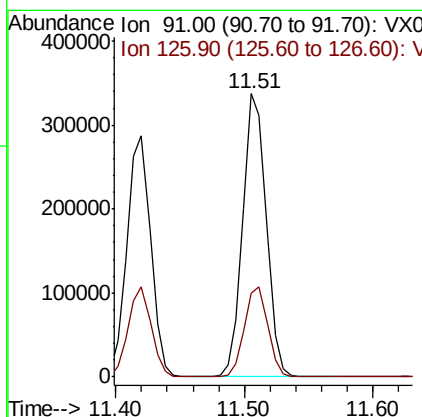
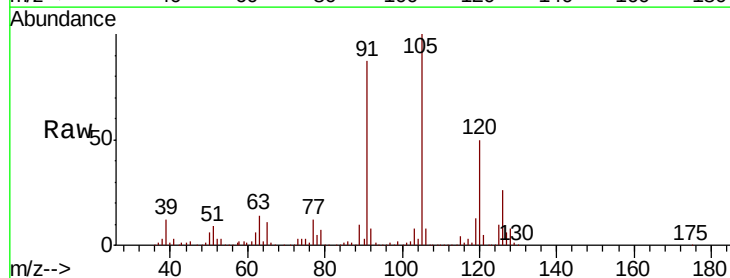
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

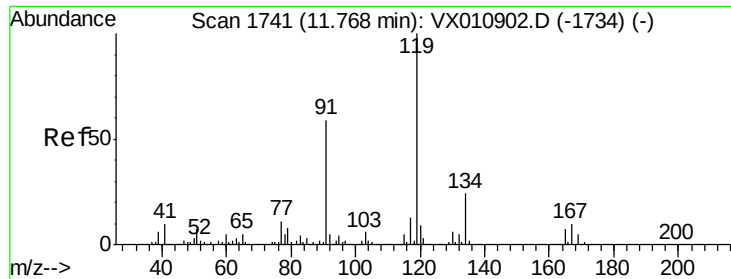
Tgt Ion: 75 Resp: 52043
Ion Ratio Lower Upper
75 100
53 96.9 66.1 99.1
89 48.1 37.8 56.6



#82
4-Chlorotoluene
Concen: 50.276 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX010947.D
Acq: 18 Jul 2019 10:27

Tgt Ion: 91 Resp: 424905
Ion Ratio Lower Upper
91 100
126 31.7 16.2 48.6

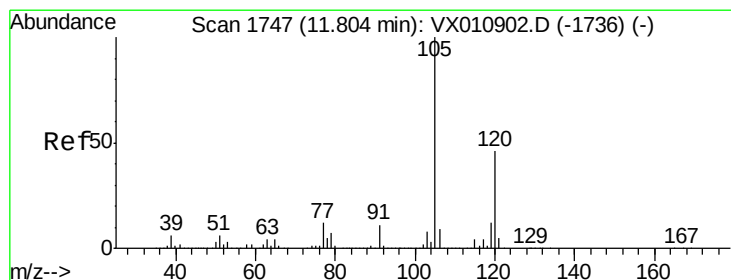
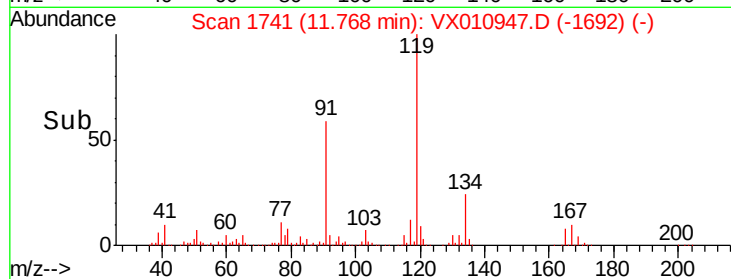
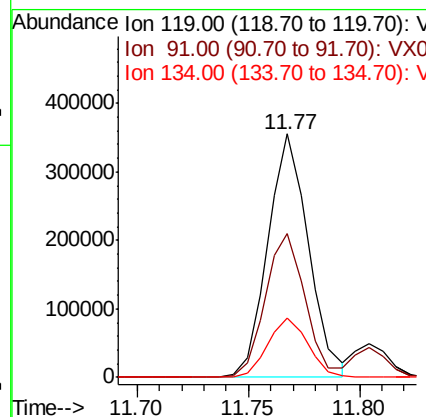
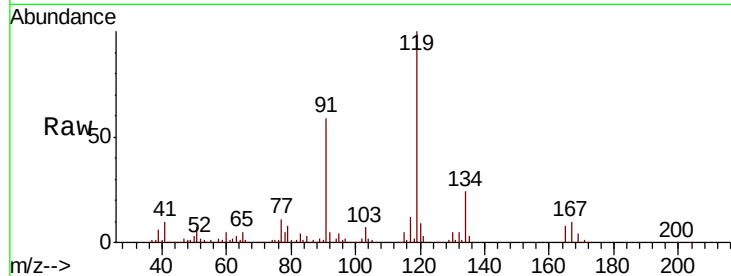




#83
 tert-Butylbenzene
 Concen: 50.148 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX010947.D
 Acq: 18 Jul 2019 10:27

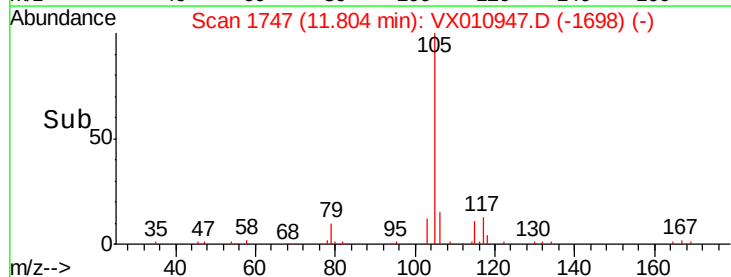
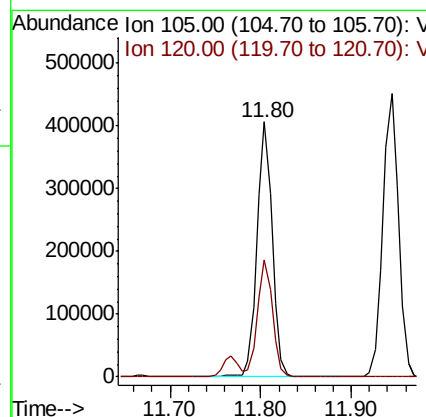
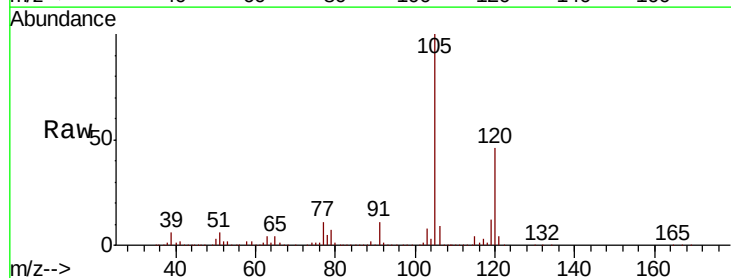
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

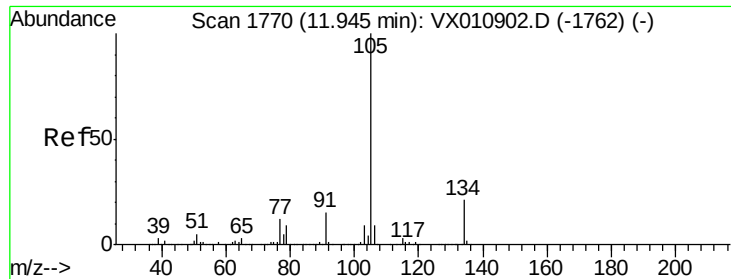
Tgt Ion:119 Resp: 450289
 Ion Ratio Lower Upper
 119 100
 91 58.4 27.6 82.7
 134 24.0 11.8 35.4



#84
 1,2,4-Trimethylbenzene
 Concen: 51.195 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010947.D
 Acq: 18 Jul 2019 10:27

Tgt Ion:105 Resp: 471693
 Ion Ratio Lower Upper
 105 100
 120 45.5 23.1 69.2





#85

sec-Butylbenzene

Concen: 51.486 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010947.D

Acq: 18 Jul 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

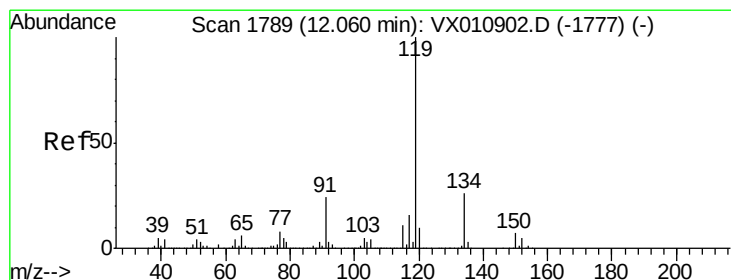
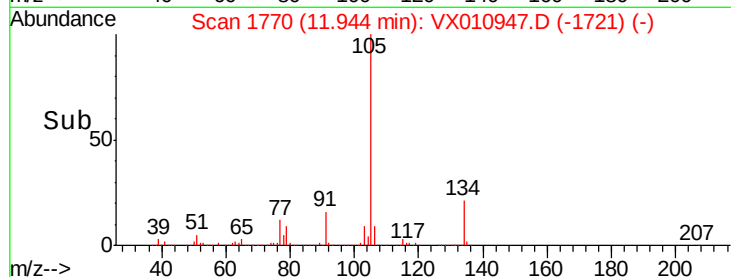
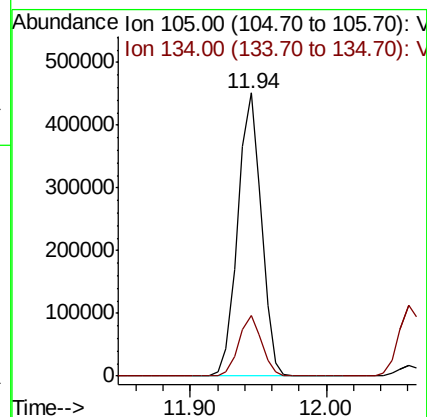
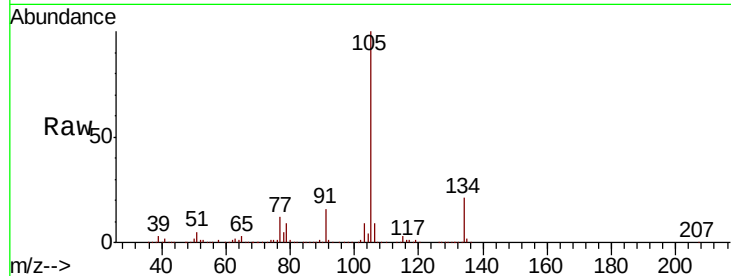
VSTDCCC050

Tgt Ion:105 Resp: 541697

Ion Ratio Lower Upper

105 100

134 20.9 10.7 31.9



#86

p-Isopropyltoluene

Concen: 52.297 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010947.D

Acq: 18 Jul 2019 10:27

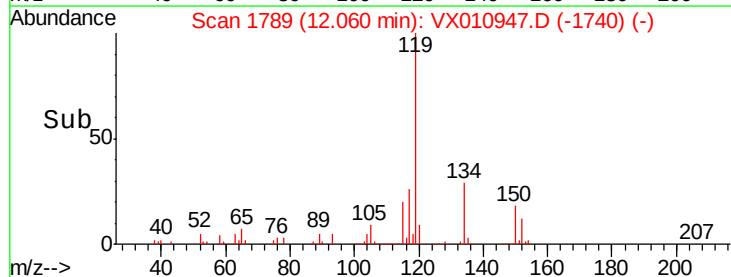
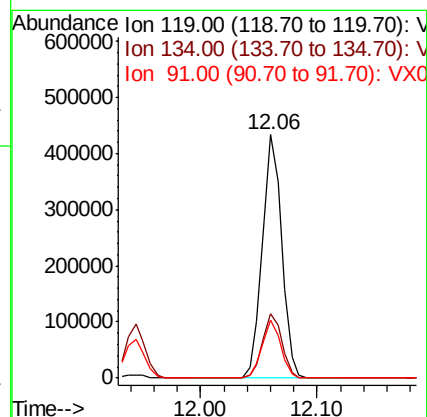
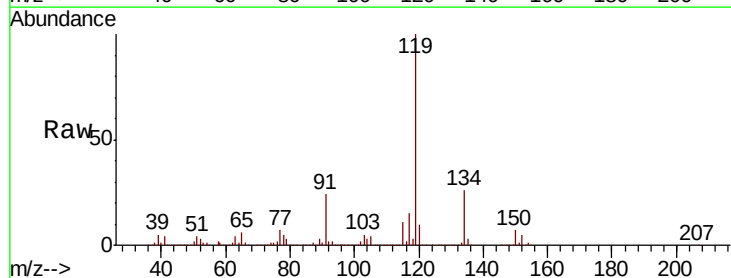
Tgt Ion:119 Resp: 508689

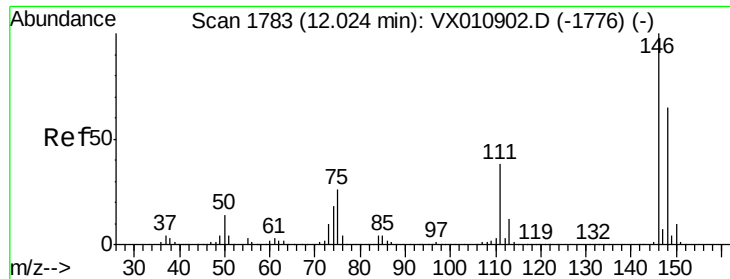
Ion Ratio Lower Upper

119 100

134 26.8 13.7 41.1

91 23.2 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 50.885 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX010947.D

Acq: 18 Jul 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

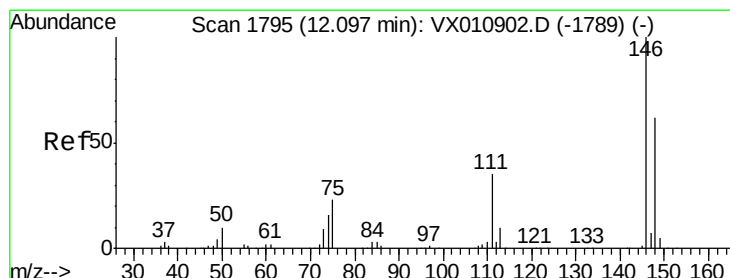
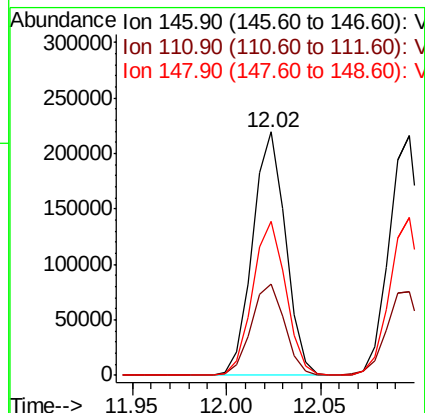
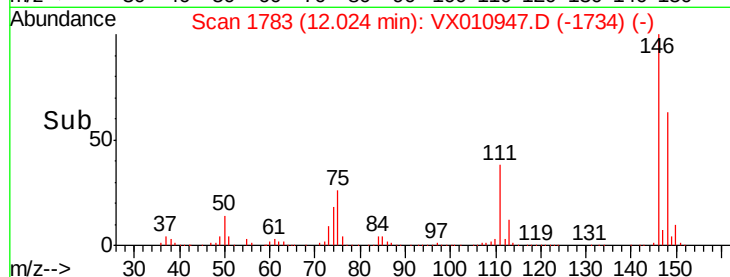
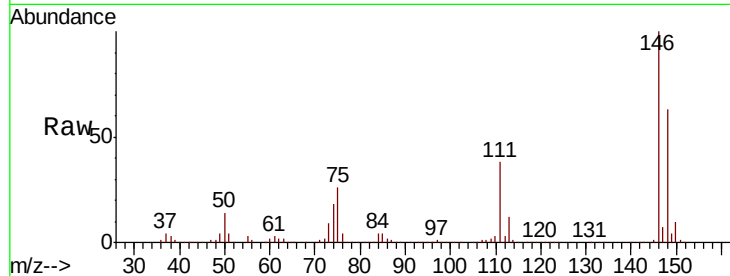
Tgt Ion:146 Resp: 266475

Ion Ratio Lower Upper

146 100

111 38.0 19.1 57.1

148 63.4 32.5 97.4



#88

1,4-Dichlorobenzene

Concen: 49.081 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX010947.D

Acq: 18 Jul 2019 10:27

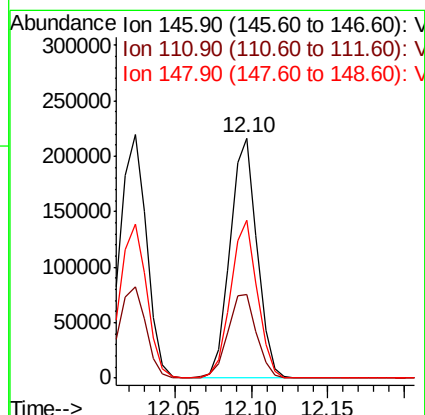
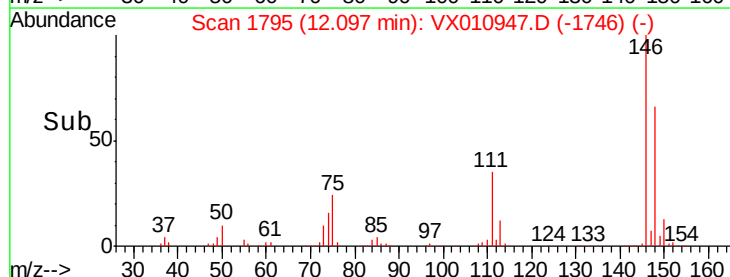
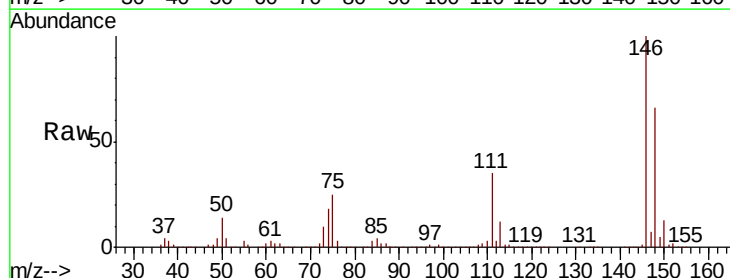
Tgt Ion:146 Resp: 263749

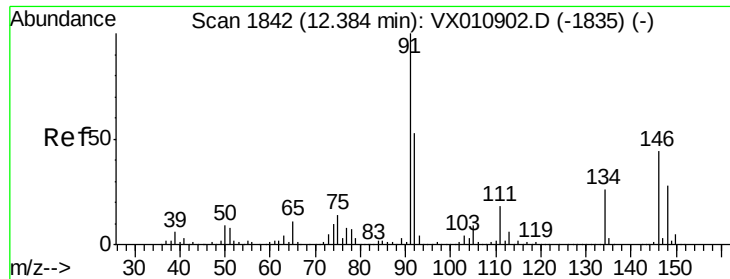
Ion Ratio Lower Upper

146 100

111 37.1 18.1 54.3

148 65.4 32.1 96.3

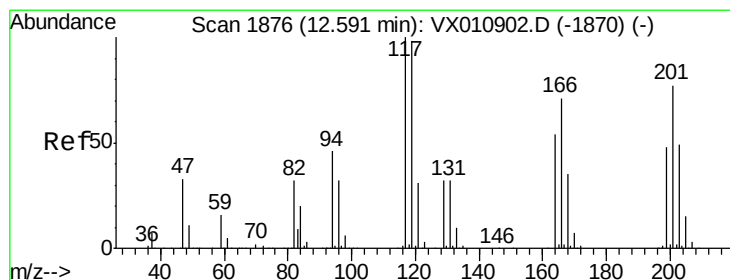
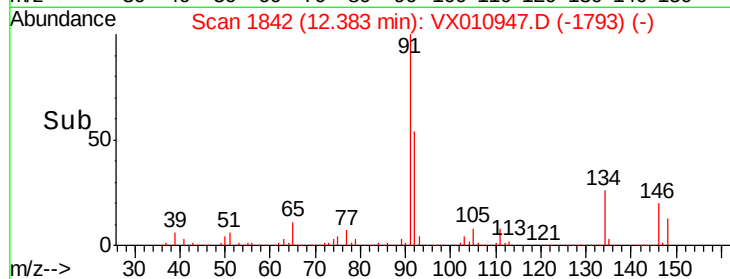
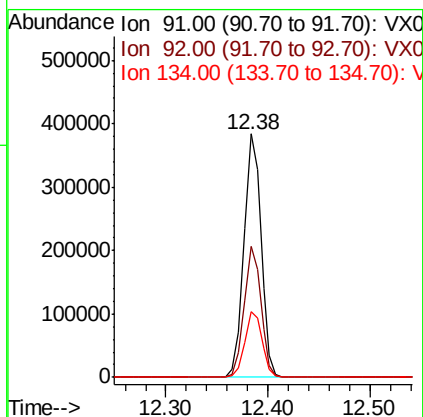
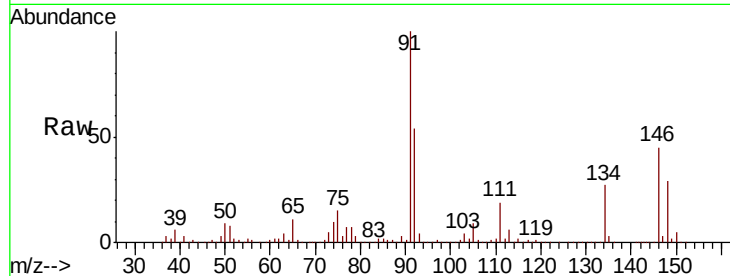




#89
n-Butylbenzene
Concen: 53.448 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010947.D
Acq: 18 Jul 2019 10:27

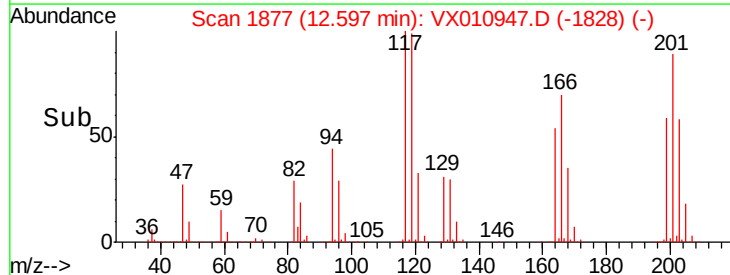
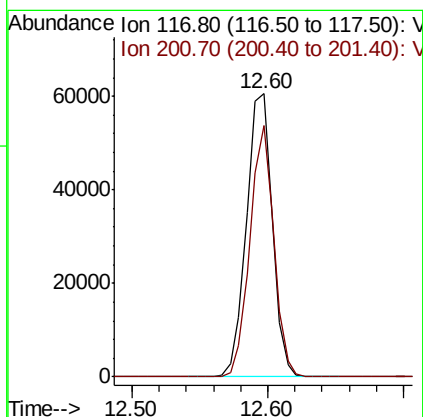
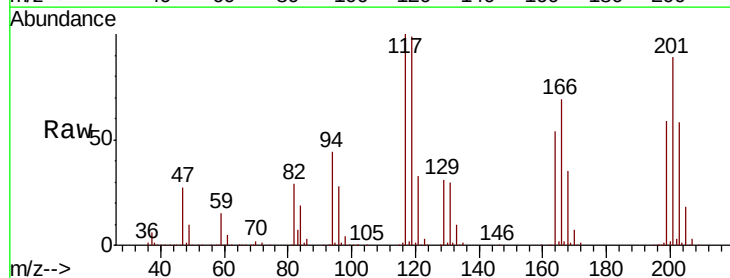
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

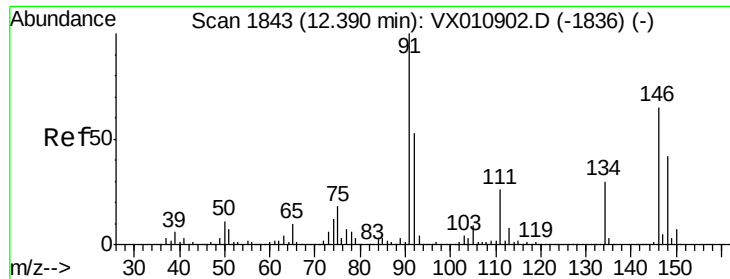
Tgt Ion: 91 Resp: 444774
Ion Ratio Lower Upper
91 100
92 52.8 26.2 78.5
134 27.5 14.1 42.4



#90
Hexachloroethane
Concen: 52.785 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX010947.D
Acq: 18 Jul 2019 10:27

Tgt Ion: 117 Resp: 80982
Ion Ratio Lower Upper
117 100
201 82.0 44.0 131.8

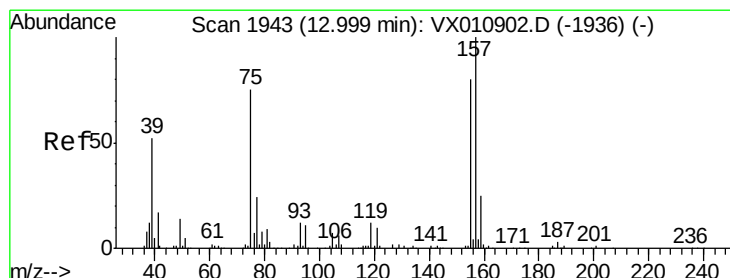
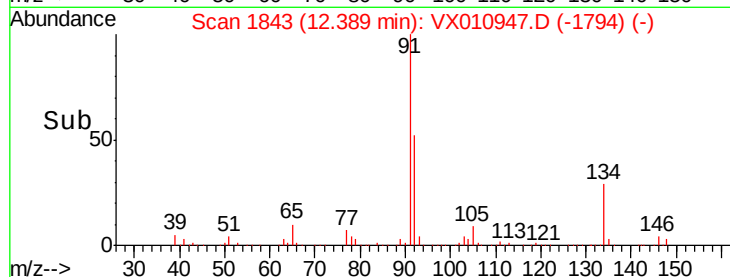
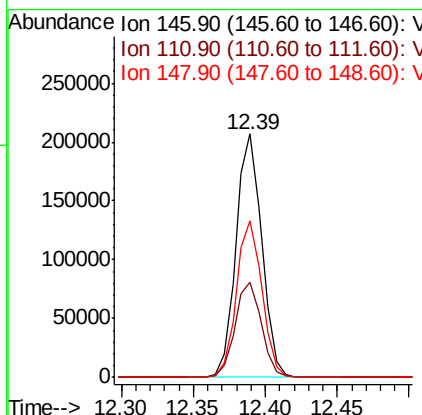
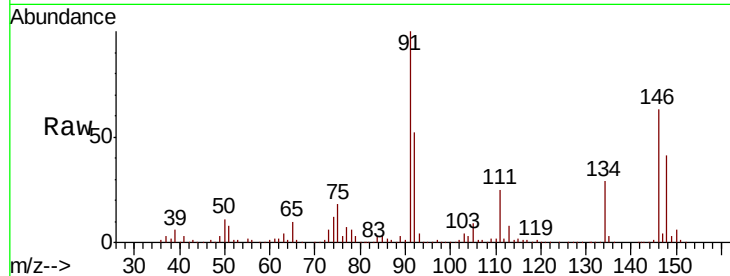




#91
 1,2-Dichlorobenzene
 Concen: 49.754 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX010947.D
 Acq: 18 Jul 2019 10:27

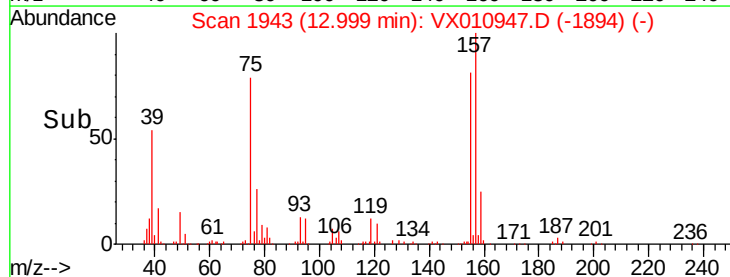
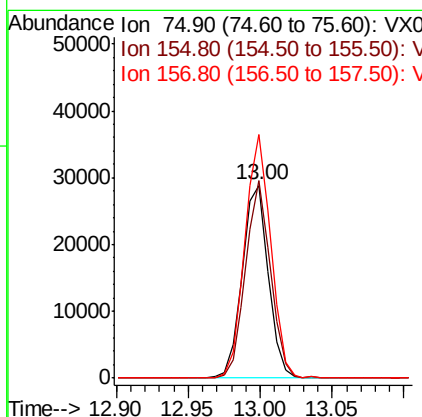
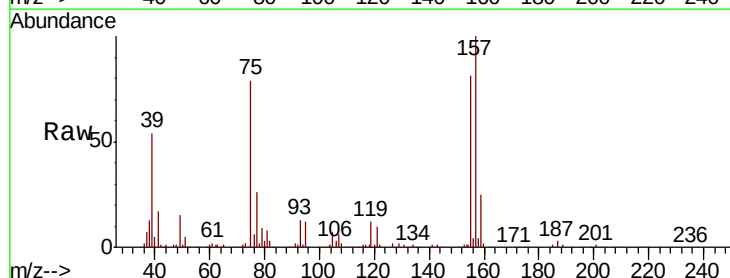
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

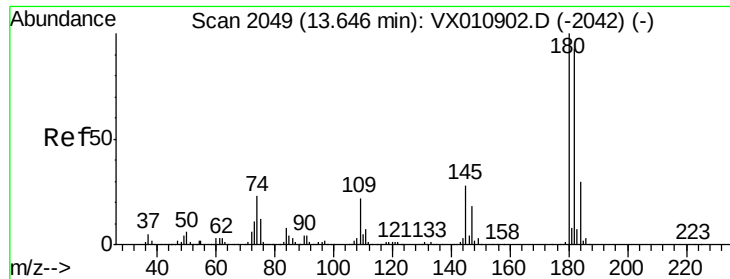
Tgt Ion: 146 Resp: 258229
 Ion Ratio Lower Upper
 146 100
 111 40.0 19.2 57.6
 148 63.7 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.198 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX010947.D
 Acq: 18 Jul 2019 10:27

Tgt Ion: 75 Resp: 36070
 Ion Ratio Lower Upper
 75 100
 155 98.2 54.4 163.1
 157 125.1 69.5 208.3

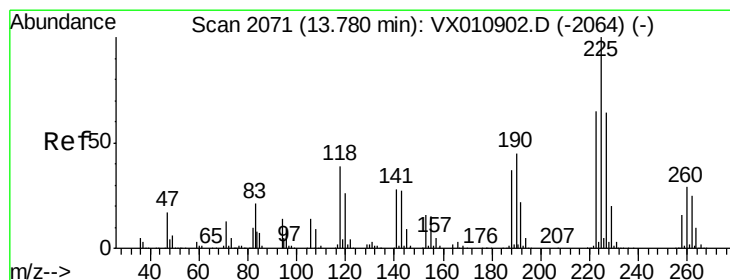
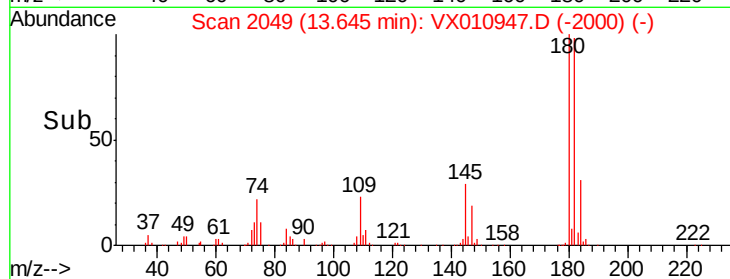
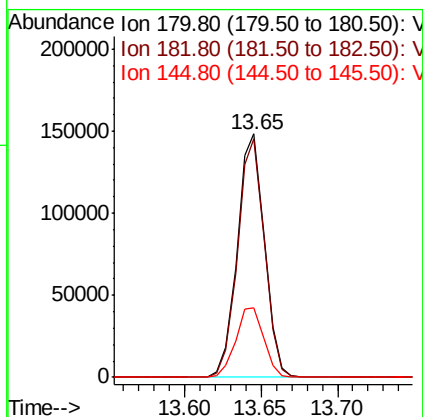
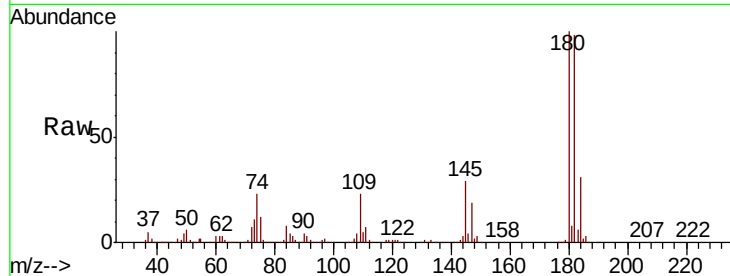




#93
 1,2,4-Trichlorobenzene
 Concen: 51.716 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX010947.D
 Acq: 18 Jul 2019 10:27

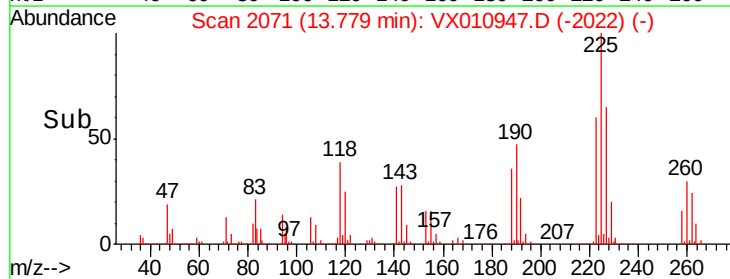
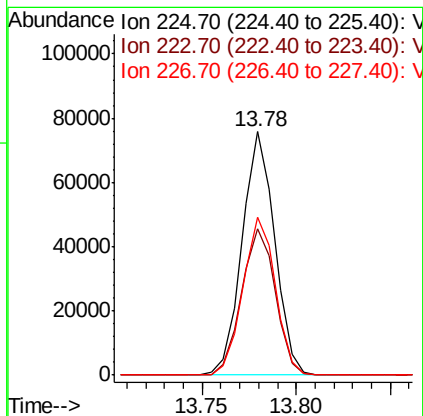
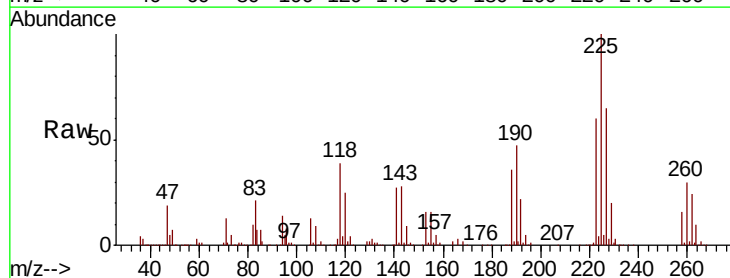
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

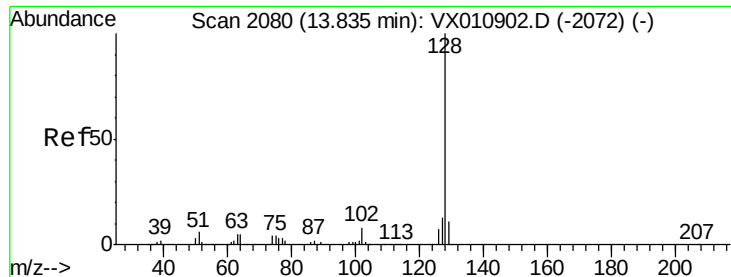
Tgt Ion:	180	Resp:	181905
Ion	Ratio	Lower	Upper
180	100		
182	96.3	48.0	144.0
145	29.7	14.4	43.4



#94
 Hexachlorobutadiene
 Concen: 51.935 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX010947.D
 Acq: 18 Jul 2019 10:27

Tgt Ion:	225	Resp:	90525
Ion	Ratio	Lower	Upper
225	100		
223	62.5	30.9	92.7
227	64.9	31.9	95.5

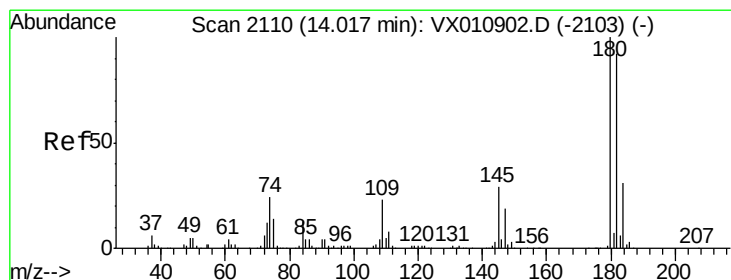
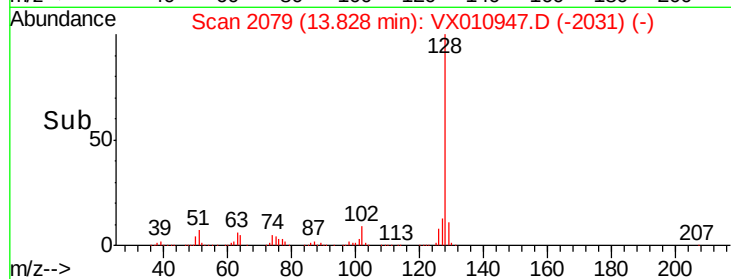
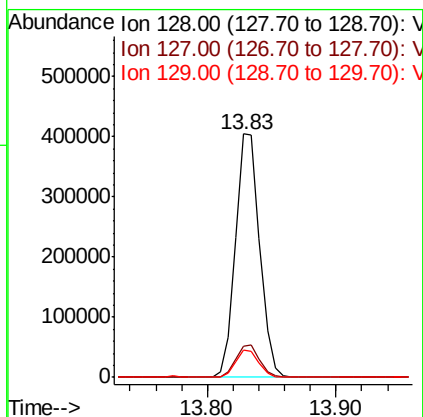
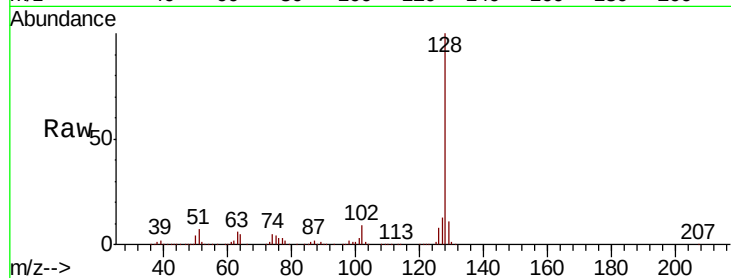




#95
Naphthalene
Concen: 51.007 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX010947.D
Acq: 18 Jul 2019 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 529788
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 10.9 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 51.994 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX010947.D
Acq: 18 Jul 2019 10:27

Tgt Ion:180 Resp: 181967
Ion Ratio Lower Upper
180 100
182 93.9 47.8 143.3
145 31.0 15.2 45.6

