

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX053119\
 Data File : VX009999.D
 Acq On : 31 May 2019 21:27
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 01 04:46:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	160049	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	253937	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	233141	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	118639	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	109464	48.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.84%	
35) Dibromofluoromethane	5.50	113	81051	50.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.54%	
50) Toluene-d8	8.71	98	330052	50.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.82%	
62) 4-Bromofluorobenzene	11.13	95	120822	51.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.78%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	103998	53.175	ug/l	99
3) Chloromethane	1.32	50	115427	43.901	ug/l	100
4) Vinyl Chloride	1.41	62	110374	46.567	ug/l	99
5) Bromomethane	1.64	94	58360	40.639	ug/l	97
6) Chloroethane	1.71	64	66146	45.335	ug/l	99
7) Trichlorofluoromethane	1.92	101	127258	48.587	ug/l	99
8) Diethyl Ether	2.19	74	56053	45.541	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	77389	48.940	ug/l	100
10) Methyl Iodide	2.51	142	71711	37.868	ug/l	98
11) Tert butyl alcohol	3.06	59	150140	269.847	ug/l	99
12) 1,1-Dichloroethene	2.37	96	78493	48.427	ug/l	97
13) Acrolein	2.29	56	93716	238.670	ug/l	99
14) Allyl chloride	2.73	41	189559	48.117	ug/l	99
15) Acrylonitrile	3.14	53	322709	240.719	ug/l	99
16) Acetone	2.45	43	296812	227.224	ug/l	99
17) Carbon Disulfide	2.57	76	230703	47.029	ug/l	100
18) Methyl Acetate	2.78	43	152323	50.115	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	303368	49.575	ug/l	99
20) Methylene Chloride	2.85	84	95552	47.767	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	84687	46.957	ug/l	99
22) Diisopropyl ether	3.86	45	364915	48.683	ug/l	# 85
23) Vinyl Acetate	3.82	43	1637202	243.134	ug/l	99
24) 1,1-Dichloroethane	3.70	63	176445	48.573	ug/l	99
25) 2-Butanone	4.68	43	493820	242.648	ug/l	100
26) 2,2-Dichloropropane	4.59	77	117327	42.698	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	98005	47.077	ug/l	97
28) Bromochloromethane	5.02	49	87360	46.344	ug/l	99
29) Tetrahydrofuran	5.13	42	322753	247.311	ug/l	100
30) Chloroform	5.21	83	161257	49.223	ug/l	97
31) Cyclohexane	5.58	56	170996	49.701	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	135655	50.845	ug/l	99
36) 1,1-Dichloropropene	5.80	75	124852	48.458	ug/l	99
37) Ethyl Acetate	4.84	43	181312	50.505	ug/l	100
38) Carbon Tetrachloride	5.78	117	114403	51.384	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	152121	49.775	ug/l	99
40) Benzene	6.14	78	380516	49.786	ug/l	100
41) Methacrylonitrile	5.04	41	102011	48.629	ug/l	98
42) 1,2-Dichloroethane	6.20	62	138335	48.958	ug/l	99
43) Isopropyl Acetate	6.45	43	287604	49.650	ug/l	99
44) Trichloroethene	7.21	130	91627	49.354	ug/l	96
45) 1,2-Dichloropropane	7.51	63	108262	49.206	ug/l	97
46) Dibromomethane	7.66	93	61908	47.803	ug/l	98
47) Bromodichloromethane	7.90	83	126430	51.337	ug/l	99
48) Methyl methacrylate	7.77	41	147153	51.316	ug/l	99
49) 1,4-Dioxane	7.74	88	55440	1039.384	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	965803	256.305	ug/l	100
52) Toluene	8.79	92	231948	49.983	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	148342	50.225	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	159345	49.516	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	94122	50.393	ug/l	98
56) Ethyl methacrylate	9.18	69	177299	53.320	ug/l	99
57) 1,3-Dichloropropane	9.37	76	164623	49.078	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	450149	258.164	ug/l	99
59) 2-Hexanone	9.49	43	752589	259.412	ug/l	100
60) Dibromochloromethane	9.58	129	95351	51.897	ug/l	98
61) 1,2-Dibromoethane	9.67	107	97012	50.557	ug/l	99
64) Tetrachloroethene	9.34	164	82204	50.479	ug/l	98
65) Chlorobenzene	10.14	112	245393	50.277	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	88598	52.336	ug/l	100
67) Ethyl Benzene	10.25	91	450067	51.356	ug/l	99
68) m/p-Xylenes	10.36	106	332672	102.753	ug/l	98
69) o-Xylene	10.69	106	161529	52.022	ug/l	99
70) Styrene	10.71	104	283119	52.000	ug/l	100
71) Bromoform	10.85	173	76132	55.018	ug/l	98
73) Isopropylbenzene	11.02	105	431642	49.311	ug/l	100
74) N-amyl acetate	10.90	43	262051	50.099	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	158804	48.628	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	189790	66.897	ug/l	82
77) Bromobenzene	11.26	156	108228	48.516	ug/l	98
78) n-propylbenzene	11.36	91	497740	49.331	ug/l	100
79) 2-Chlorotoluene	11.42	91	296201	48.049	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	367805	49.876	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	54815	47.804	ug/l	100
82) 4-Chlorotoluene	11.51	91	344846	48.054	ug/l	99
83) tert-Butylbenzene	11.77	119	353853	50.155	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	368897	49.258	ug/l	99
85) sec-Butylbenzene	11.94	105	421913	50.267	ug/l	100
86) p-Isopropyltoluene	12.06	119	384154	50.884	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	192398	48.444	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	194516	48.025	ug/l	99
89) n-Butylbenzene	12.38	91	352939	49.745	ug/l	99
90) Hexachloroethane	12.60	117	67250	51.906	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	191560	48.922	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	36759	47.820	ug/l	95

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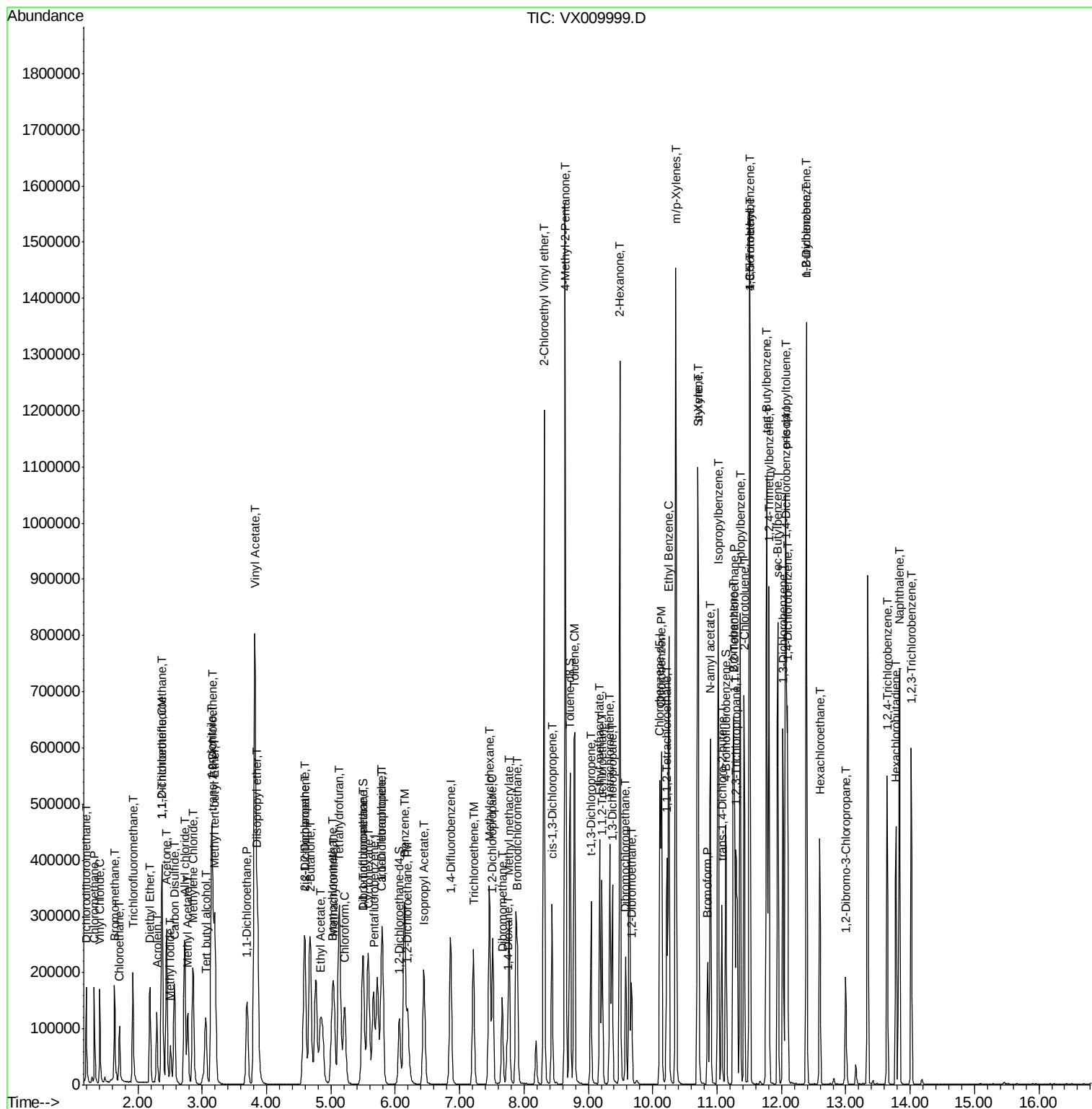
Quant Time: Jun 01 04:46:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
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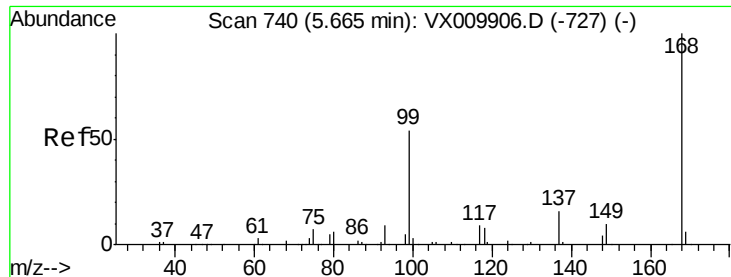
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	139229	49.757	ug/l	99
94) Hexachlorobutadiene	13.78	225	69449	49.482	ug/l	99
95) Naphthalene	13.83	128	447368	51.376	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	138611	49.487	ug/l	99

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

Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009999.D

Acq: 31 May 2019 21:27

Instrument :

MSVOA_X

ClientSampleId :

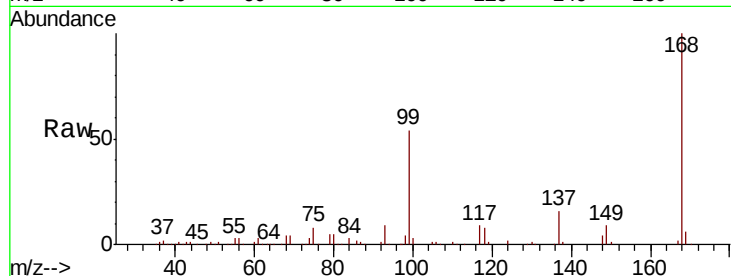
VSTDCCC050

Tot Ion:168 Resp: 160049

Ion Ratio Lower Upper

168 100

99 53.8 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

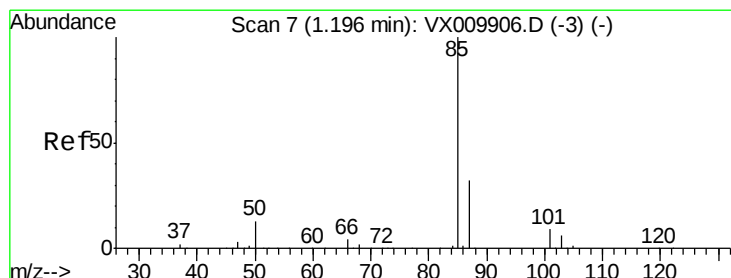
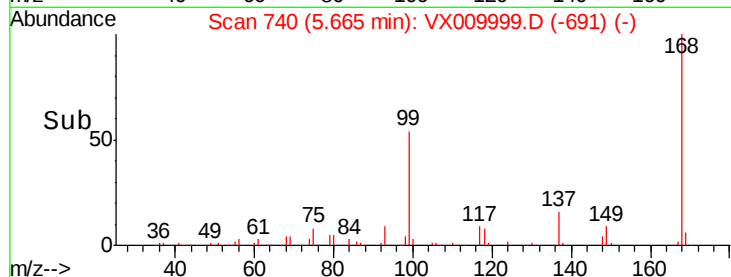
40000

20000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 53.175 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX009999.D

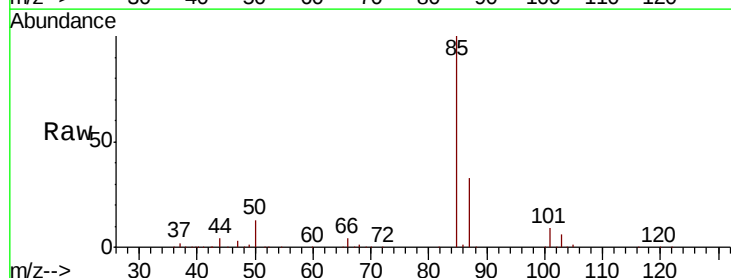
Acq: 31 May 2019 21:27

Tgt Ion: 85 Resp: 103998

Ion Ratio Lower Upper

85 100

87 32.6 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

100000

80000

60000

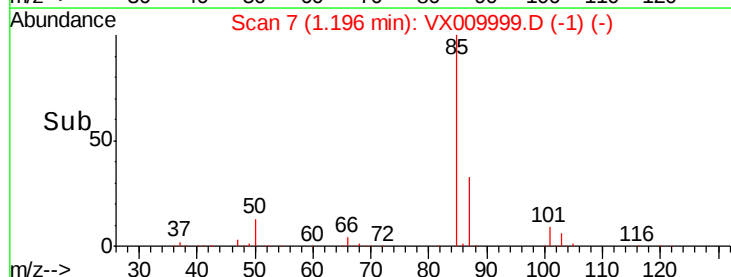
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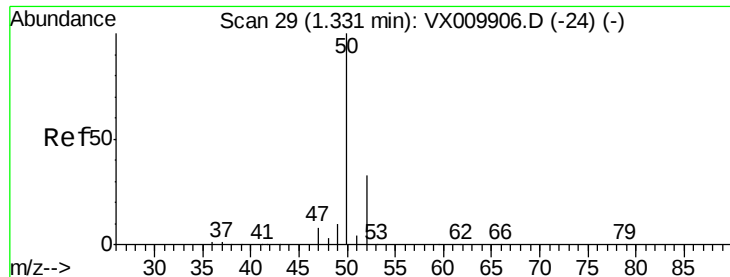
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 43.901 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX009999.D

Acq: 31 May 2019 21:27

Instrument :

MSVOA_X

ClientSampleId :

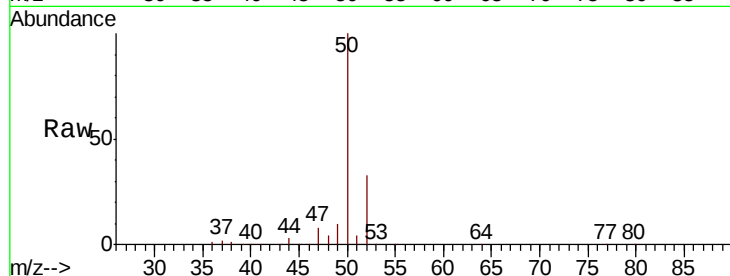
VSTDCCC050

Tot Ion: 50 Resp: 115427

Ion Ratio Lower Upper

50 100

52 32.7 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

100000

80000

60000

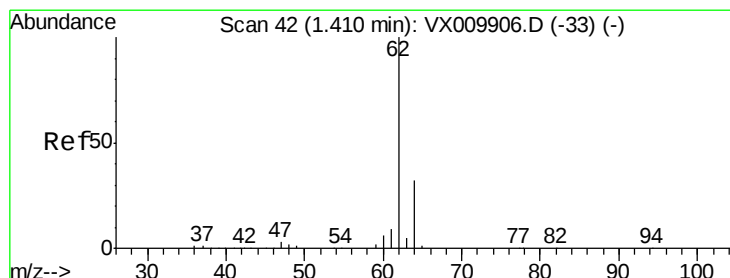
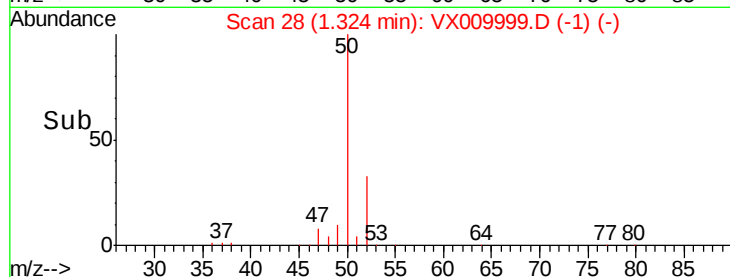
40000

20000

0

1.30 1.35 1.40

Time-->



#4

Vinyl Chloride

Concen: 46.567 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009999.D

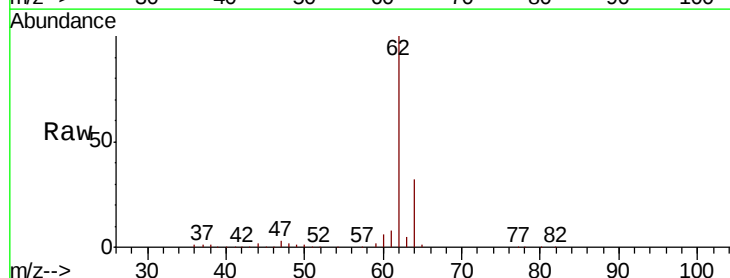
Acq: 31 May 2019 21:27

Tgt Ion: 62 Resp: 110374

Ion Ratio Lower Upper

62 100

64 31.7 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

100000

80000

60000

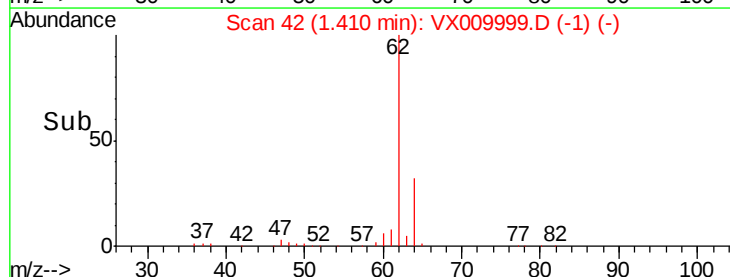
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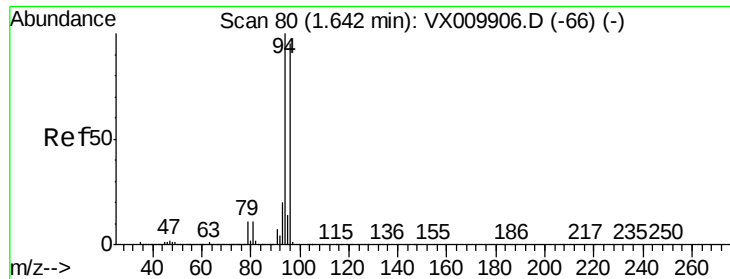
20000

0

1.30 1.40 1.50

Time-->





#5

Bromomethane

Concen: 40.639 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX009999.D

Acq: 31 May 2019 21:27

Instrument :

MSVOA_X

ClientSampleId :

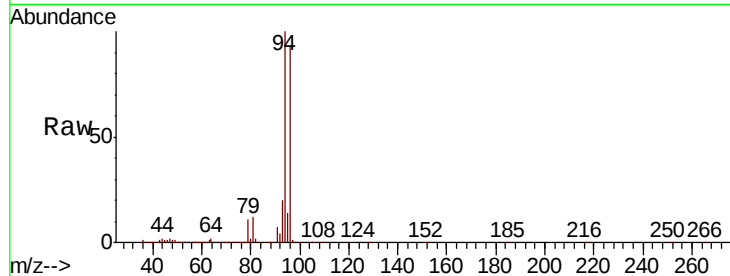
VSTDCCC050

Tot Ion: 94 Resp: 58360

Ion Ratio Lower Upper

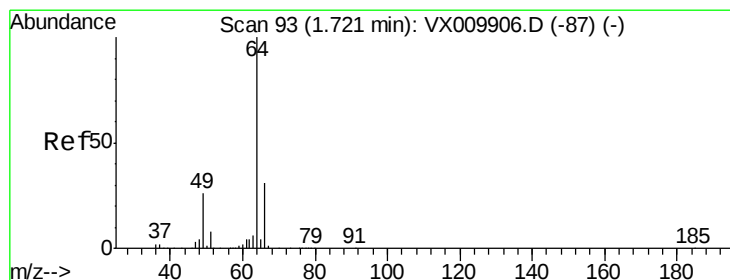
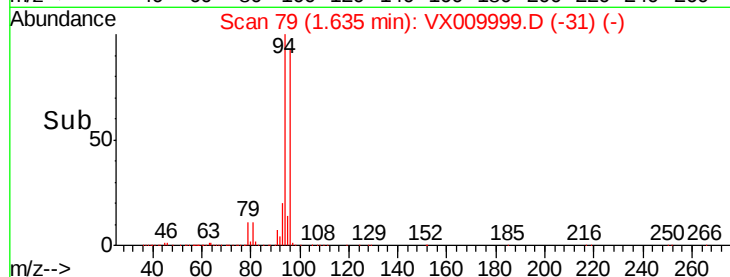
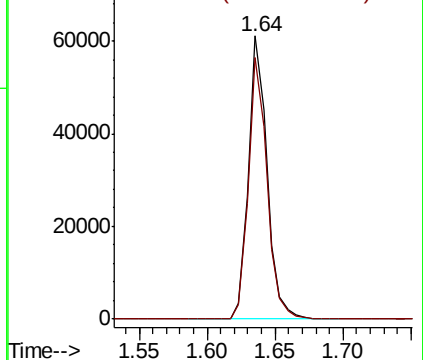
94 100

96 92.7 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 45.335 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX009999.D

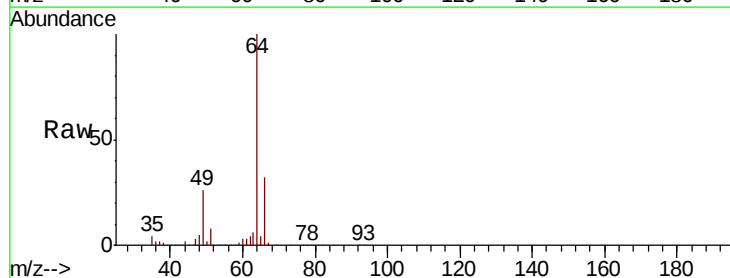
Acq: 31 May 2019 21:27

Tgt Ion: 64 Resp: 66146

Ion Ratio Lower Upper

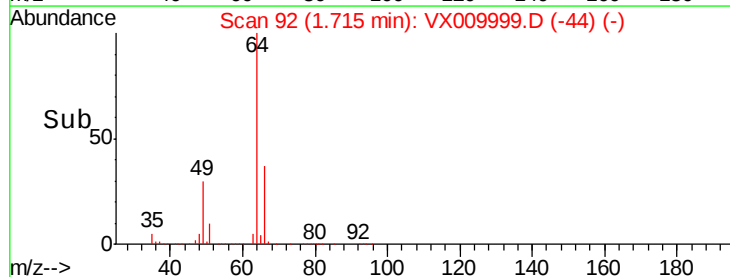
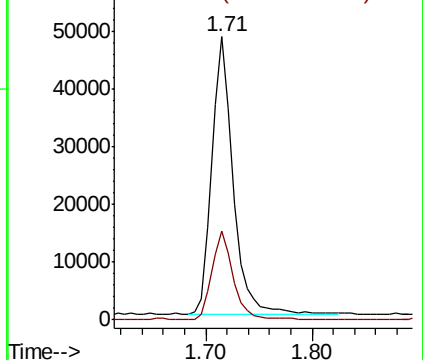
64 100

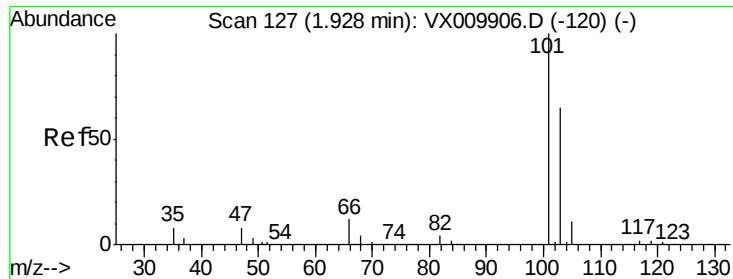
66 32.0 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



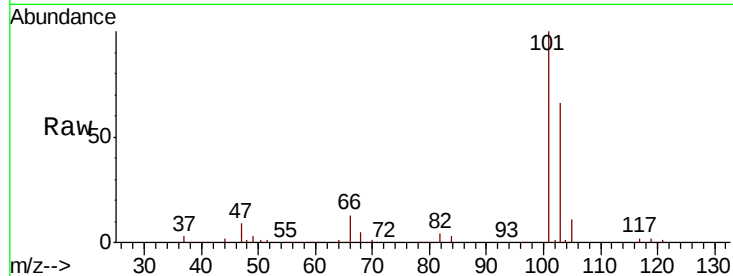


#7

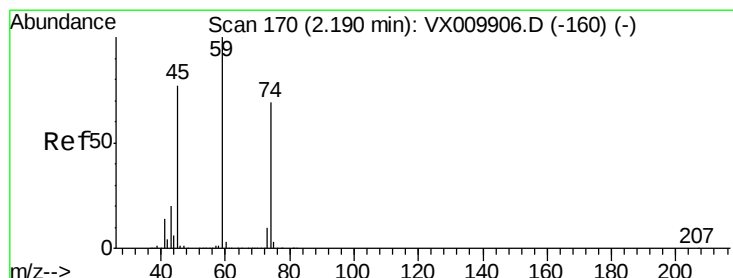
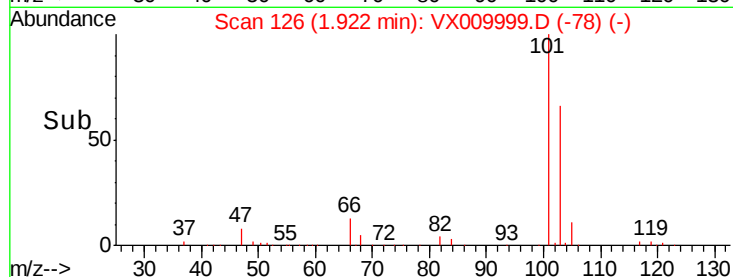
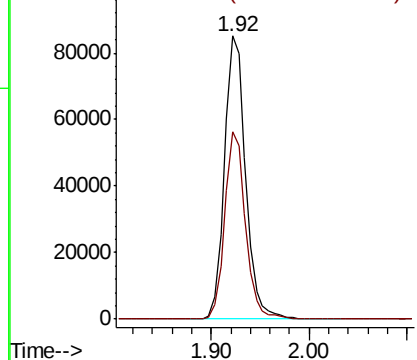
Trichlorofluoromethane
 Concen: 48.587 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.01 min
 Lab File: VX009999.D
 Acq: 31 May 2019 21:27

Instrument :
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Tot Ion:101 Resp: 127258
 Ion Ratio Lower Upper
 101 100
 103 66.2 52.2 78.4



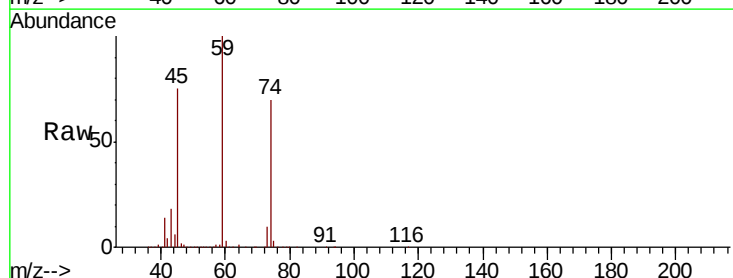
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



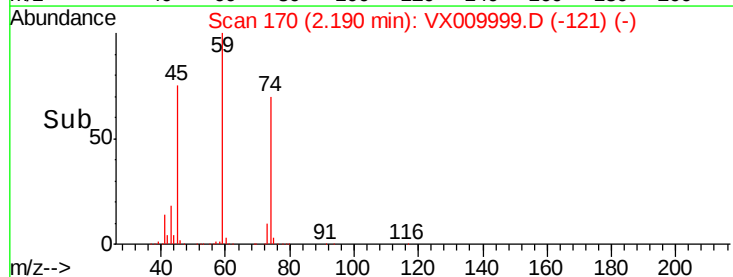
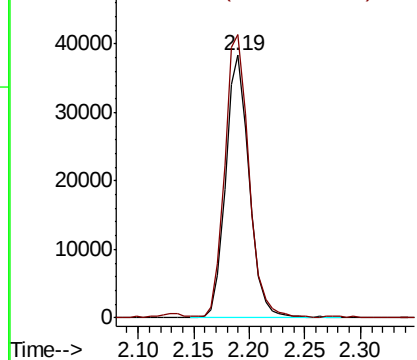
#8

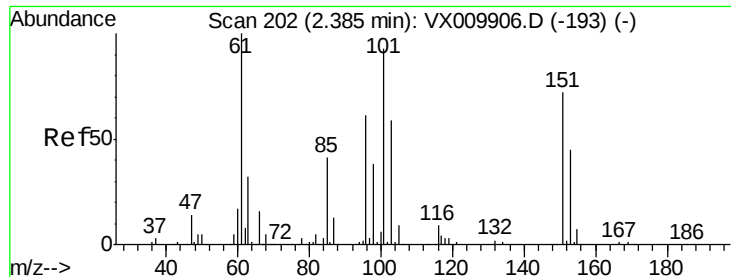
Diethyl Ether
 Concen: 45.541 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX009999.D
 Acq: 31 May 2019 21:27

Tgt Ion: 74 Resp: 56053
 Ion Ratio Lower Upper
 74 100
 45 109.5 56.1 168.3



Abundance Ion 74.00 (73.70 to 74.70): VX0
 Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.940 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX009999.D

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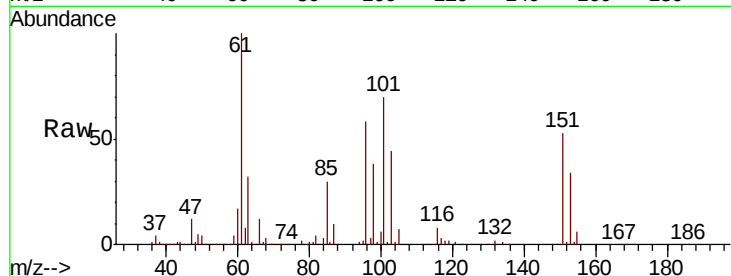
Tot Ion:101 Resp: 77389

Ion Ratio Lower Upper

101 100

85 44.0 35.2 52.8

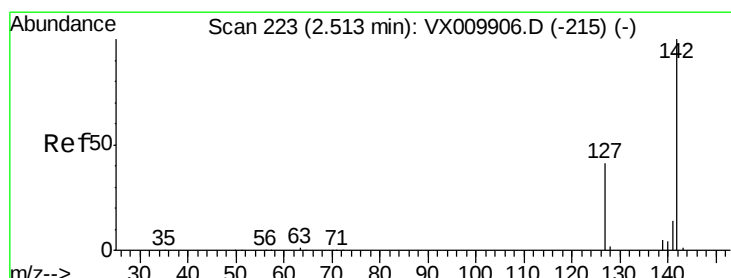
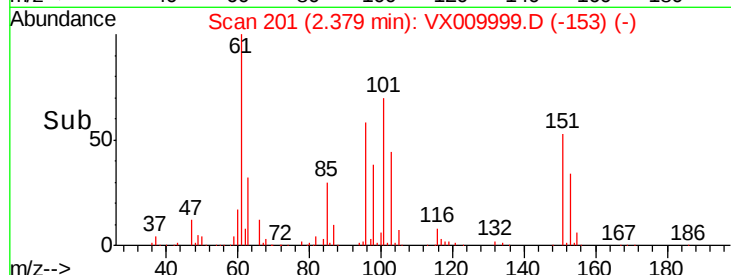
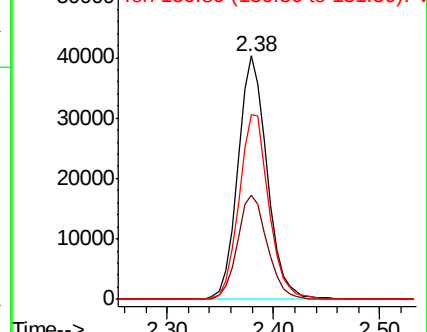
151 77.9 61.9 92.9



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: 37.868 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.01 min

Lab File: VX009999.D

Acq: 31 May 2019 21:27

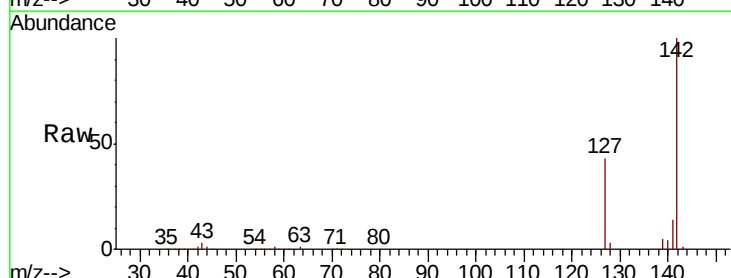
Tgt Ion:142 Resp: 71711

Ion Ratio Lower Upper

142 100

127 42.3 33.0 49.4

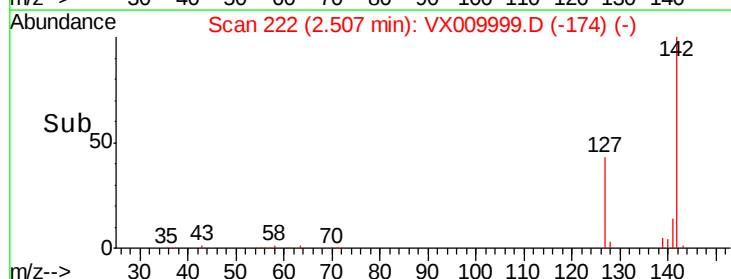
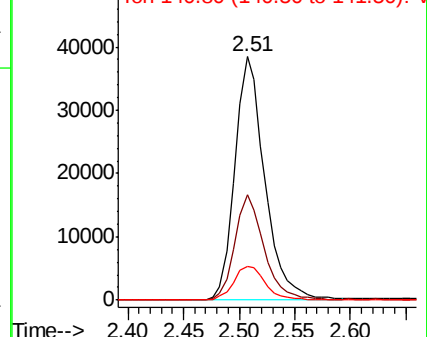
141 14.9 11.4 17.0

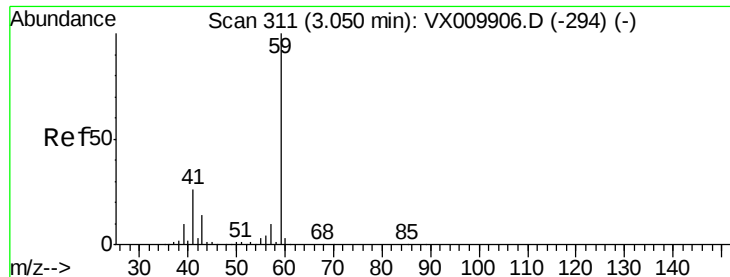


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



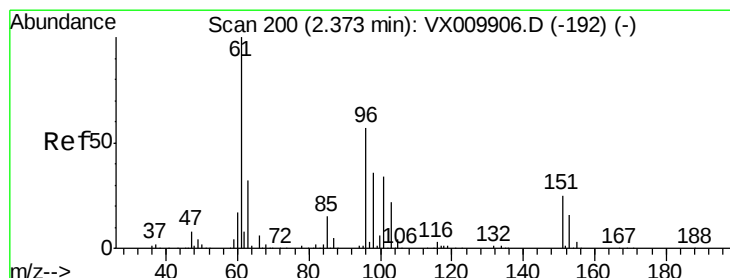
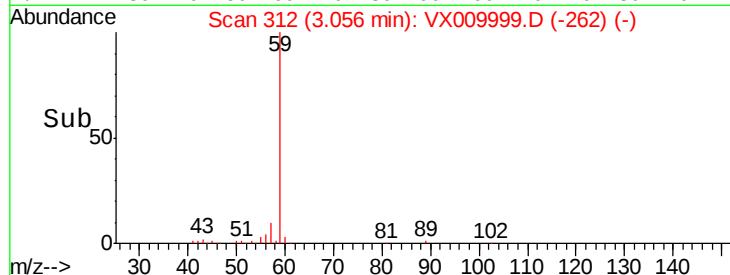
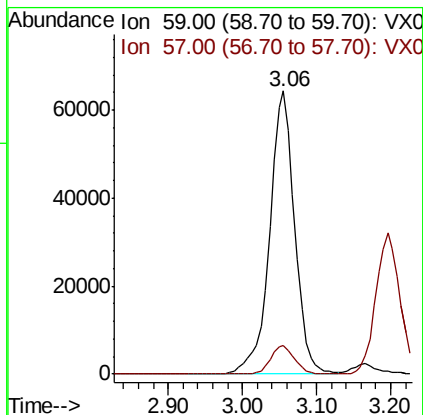
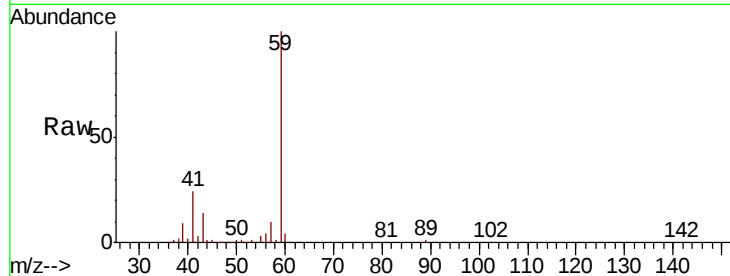


#11

Tert butyl alcohol
 Concen: 269.847 ug/l
 RT: 3.06 min Scan# 312
 Delta R.T. 0.01 min
 Lab File: VX009999.D
 Acq: 31 May 2019 21:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

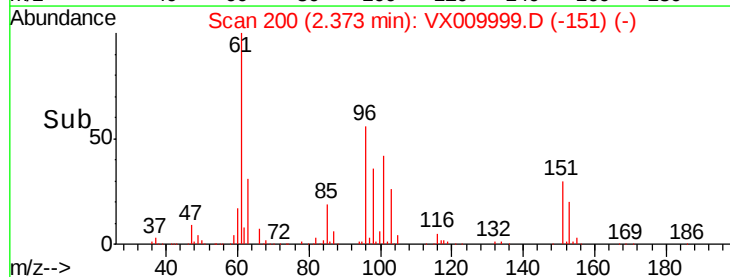
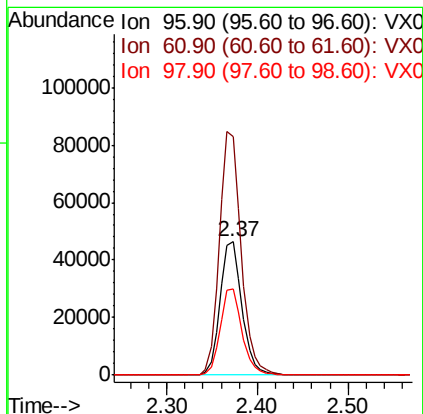
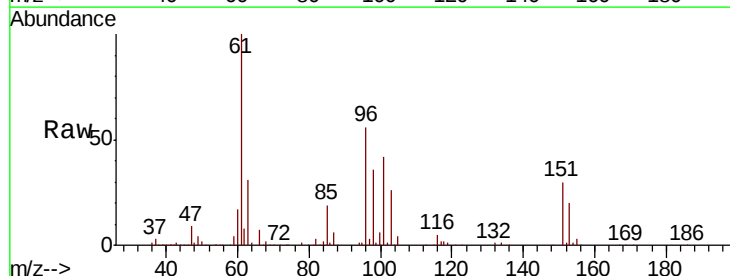
Tot Ion: 59 Resp: 150140
 Ion Ratio Lower Upper
 59 100
 57 9.9 8.2 12.2

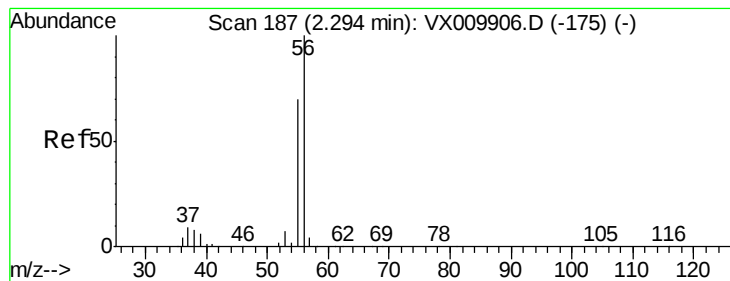


#12

1,1-Dichloroethene
 Concen: 48.427 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX009999.D
 Acq: 31 May 2019 21:27

Tgt Ion: 96 Resp: 78493
 Ion Ratio Lower Upper
 96 100
 61 179.3 140.7 211.1
 98 64.7 50.1 75.1





#13

Acrolein

Concen: 238.670 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX009999.D

Acq: 31 May 2019 21:27

Instrument :

MSVOA_X

ClientSampleId :

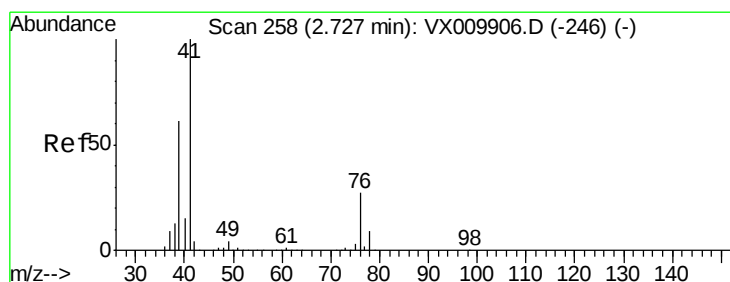
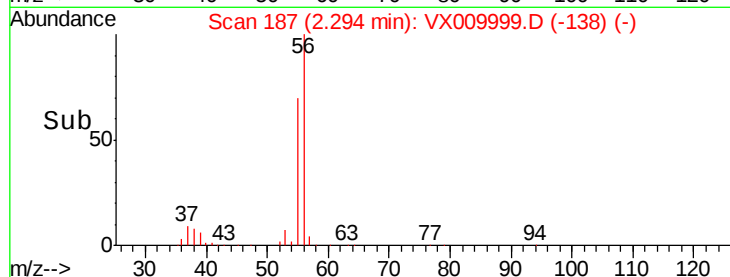
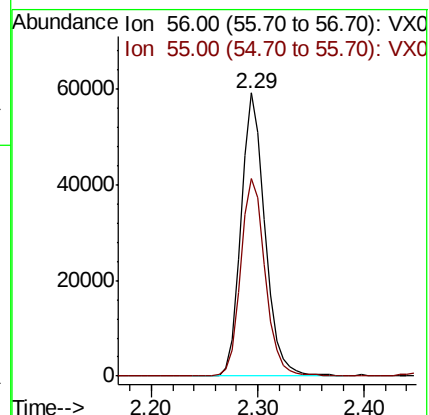
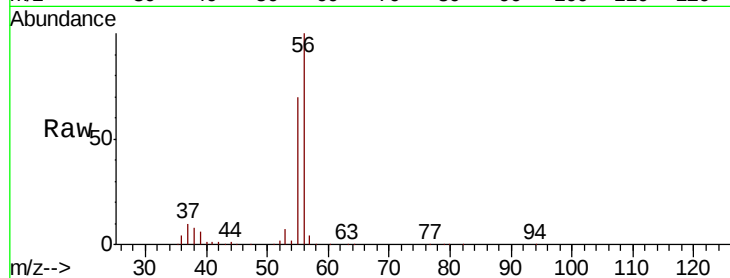
VSTDCCC050

Tot Ion: 56 Resp: 93716

Ion Ratio Lower Upper

56 100

55 72.0 57.0 85.4



#14

Allyl chloride

Concen: 48.117 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX009999.D

Acq: 31 May 2019 21:27

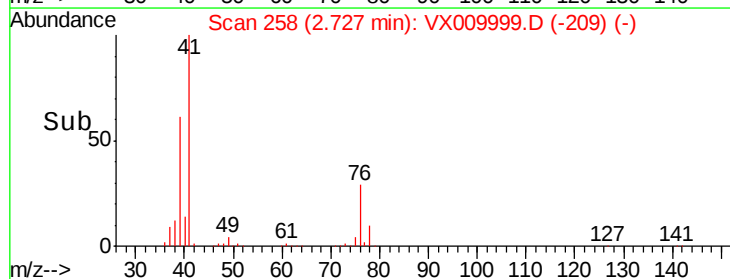
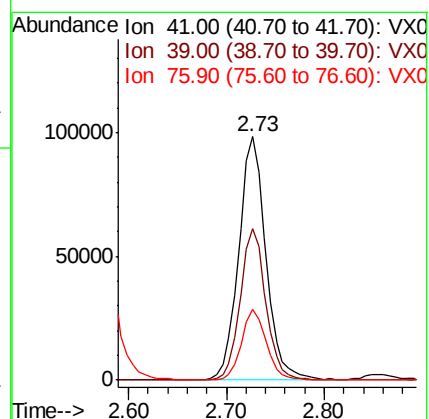
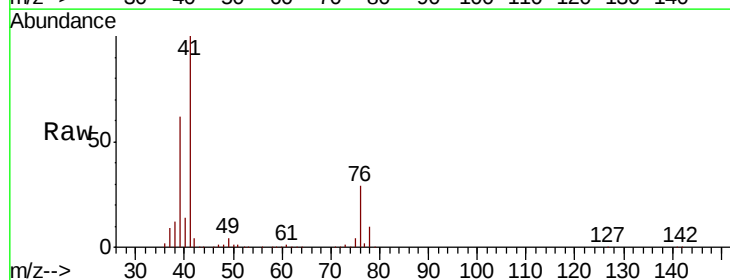
Tgt Ion: 41 Resp: 189559

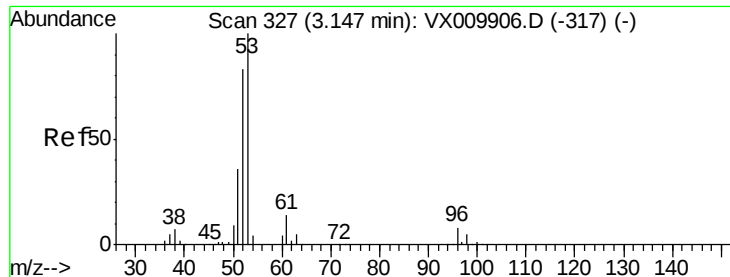
Ion Ratio Lower Upper

41 100

39 58.7 46.7 70.1

76 26.9 21.0 31.4





#15

Acrylonitrile

Concen: 240.719 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX009999.D

Acq: 31 May 2019 21:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

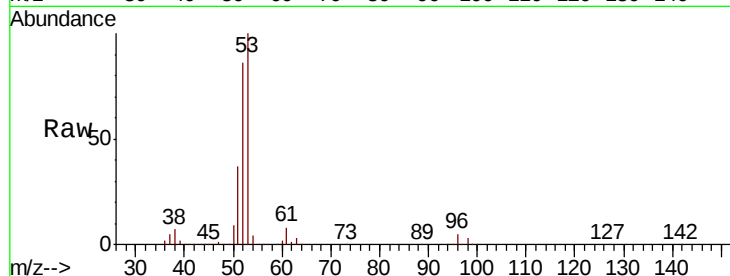
Tot Ion: 53 Resp: 322709

Ion Ratio Lower Upper

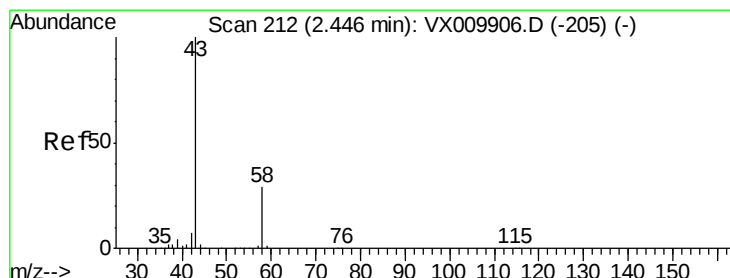
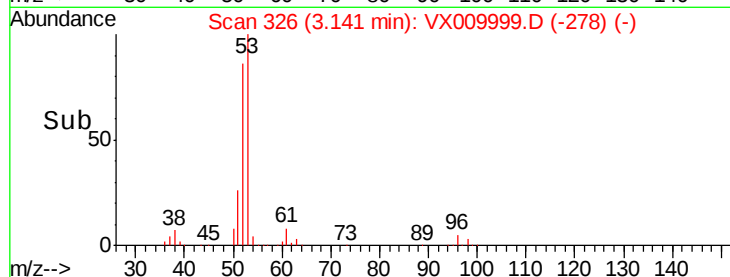
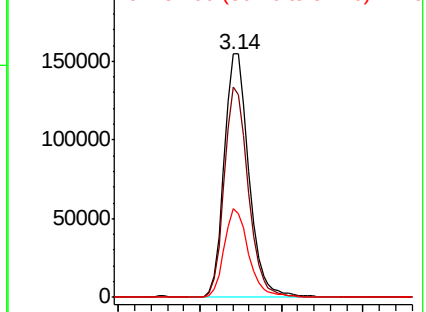
53 100

52 84.1 66.7 100.1

51 36.0 28.8 43.2



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: 227.224 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX009999.D

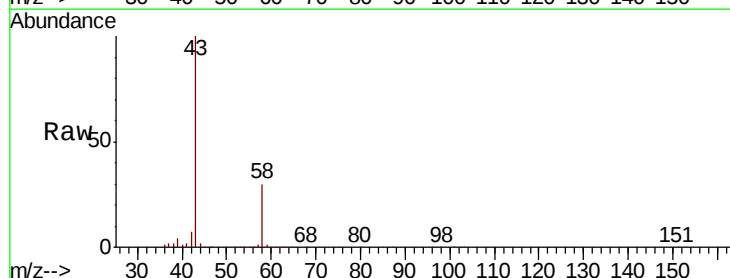
Acq: 31 May 2019 21:27

Tgt Ion: 43 Resp: 296812

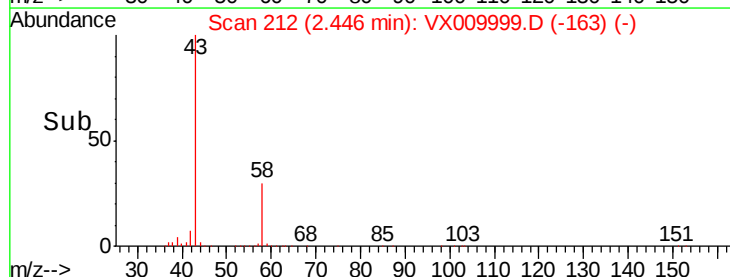
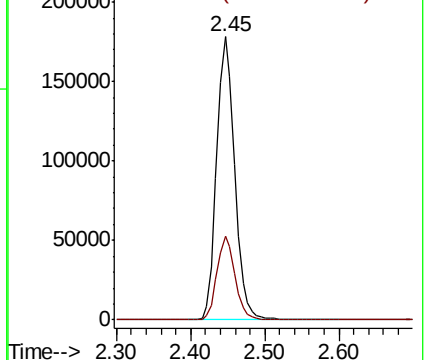
Ion Ratio Lower Upper

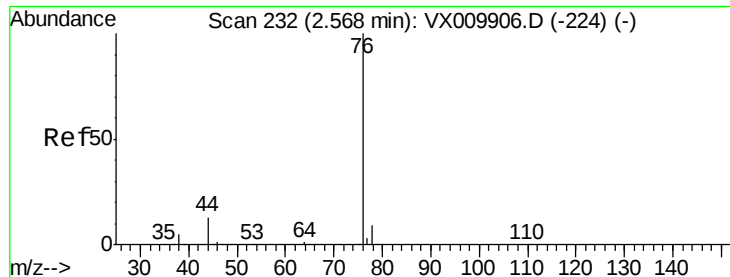
43 100

58 29.6 23.2 34.8



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

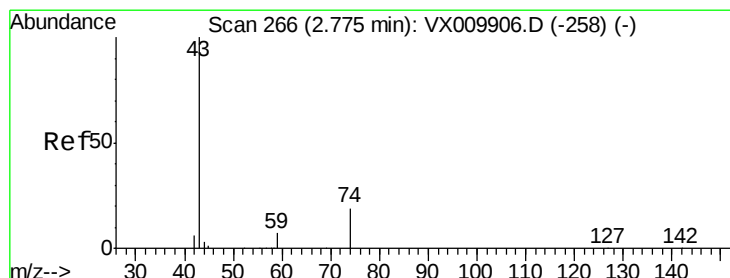
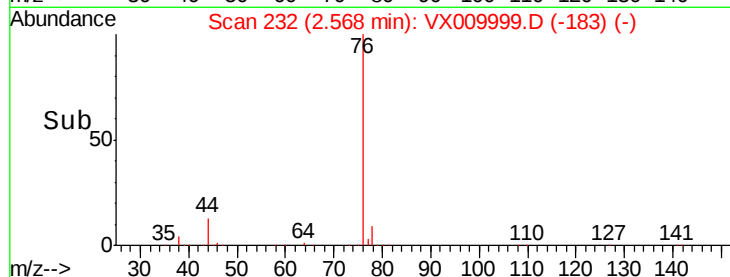
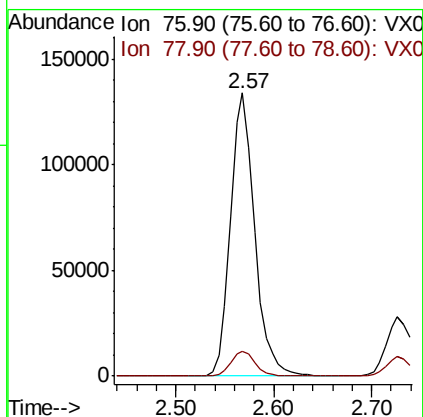
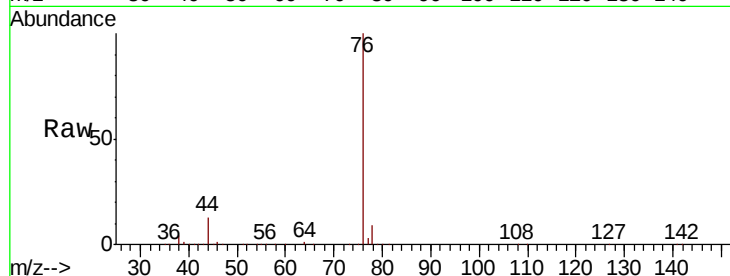




#17
Carbon Disulfide
Concen: 47.029 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX009999.D
Acq: 31 May 2019 21:27

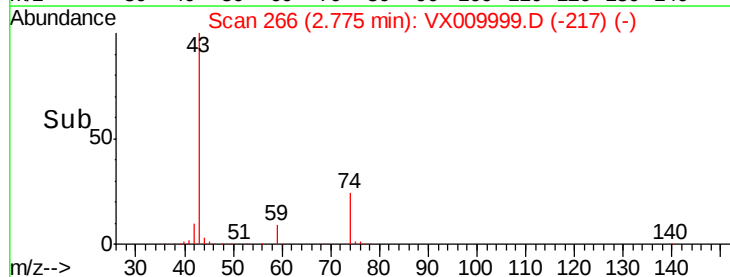
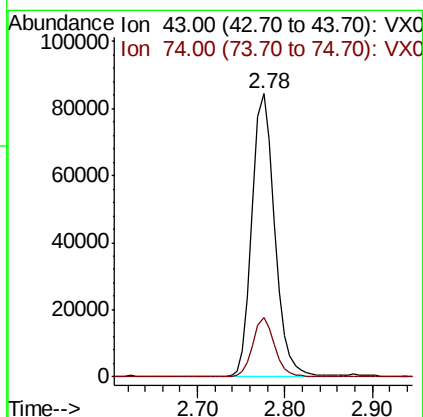
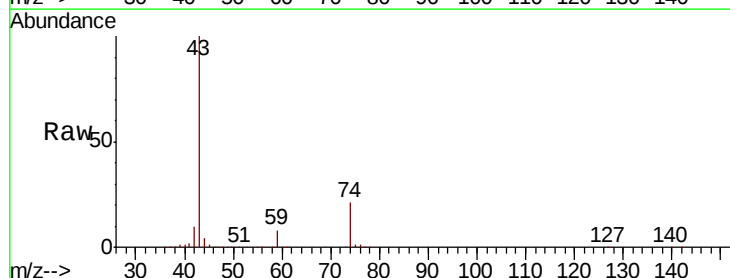
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

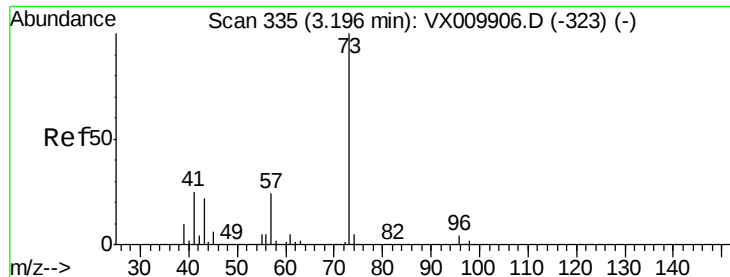
Tot Ion: 76 Resp: 230703
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.6



#18
Methyl Acetate
Concen: 50.115 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX009999.D
Acq: 31 May 2019 21:27

Tgt Ion: 43 Resp: 152323
Ion Ratio Lower Upper
43 100
74 20.1 15.8 23.6

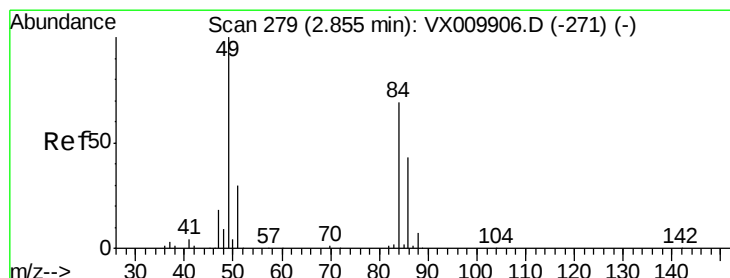
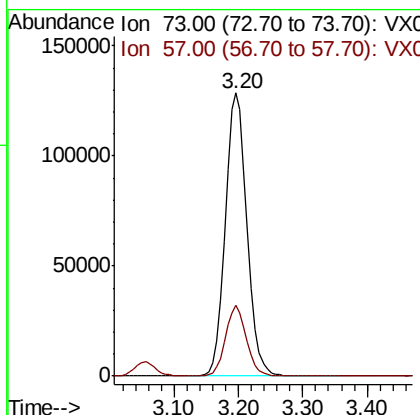
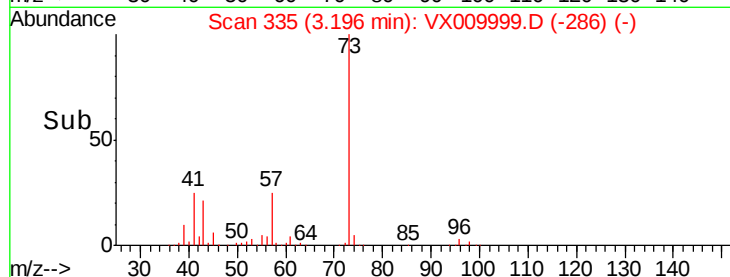
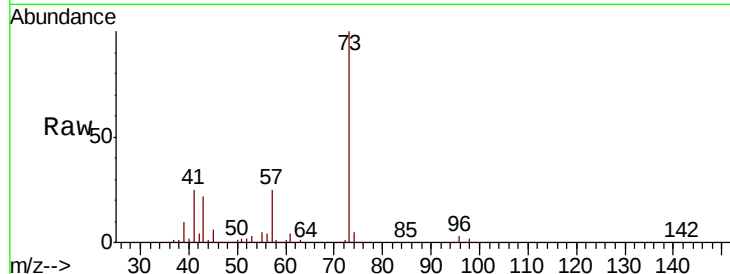




#19
Methyl tert-butyl Ether
Concen: 49.575 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX009999.D
Acq: 31 May 2019 21:27

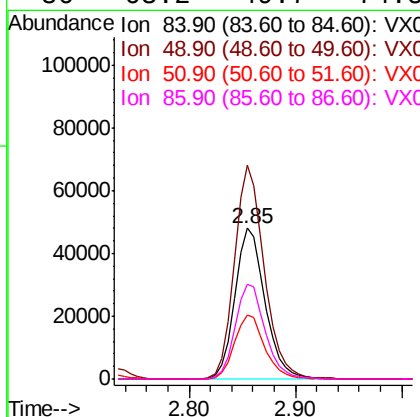
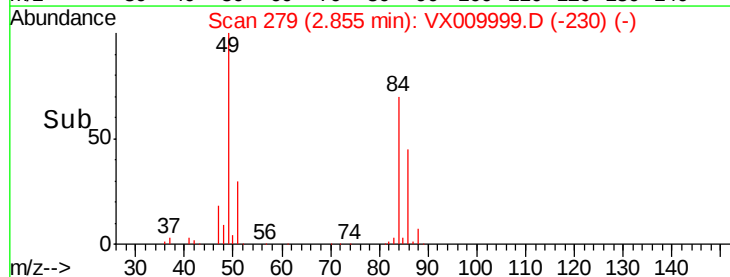
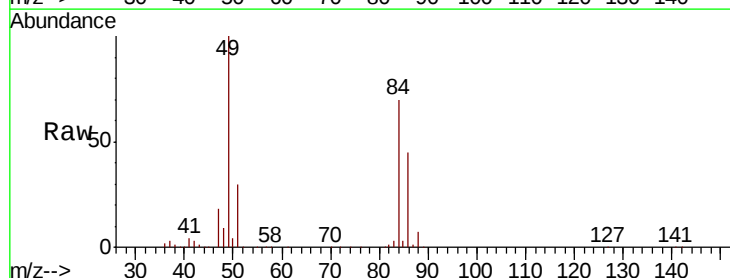
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

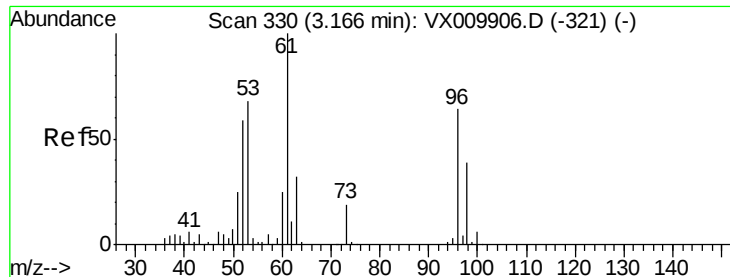
Tot Ion: 73 Resp: 303368
Ion Ratio Lower Upper
73 100
57 25.0 19.4 29.2



#20
Methylene Chloride
Concen: 47.767 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX009999.D
Acq: 31 May 2019 21:27

Tgt Ion: 84 Resp: 95552
Ion Ratio Lower Upper
84 100
49 141.8 115.8 173.6
51 42.9 34.4 51.6
86 63.2 49.7 74.5





#21

trans-1,2-Dichloroethene

Concen: 46.957 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX009999.D

Acq: 31 May 2019 21:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

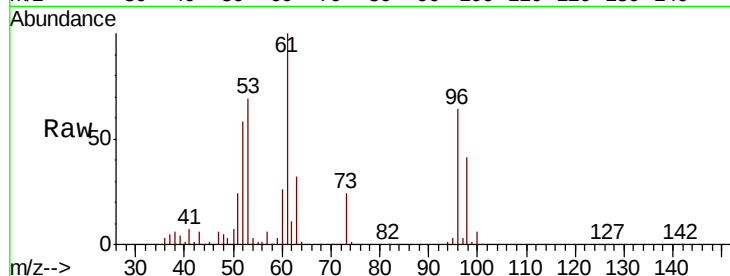
Tot Ion: 96 Resp: 84687

Ion Ratio Lower Upper

96 100

61 156.5 125.7 188.5

98 63.8 49.0 73.6

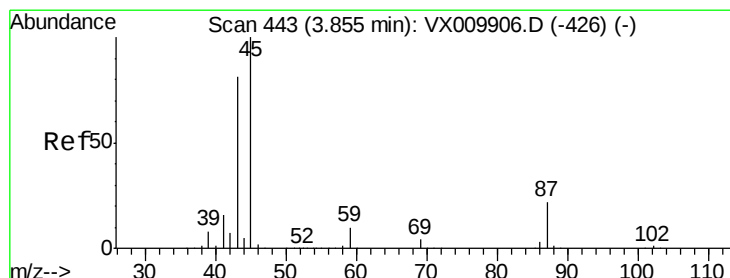
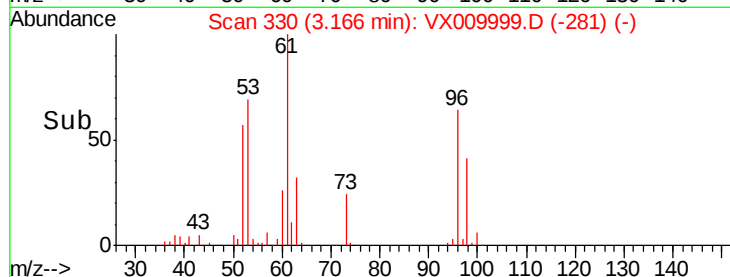
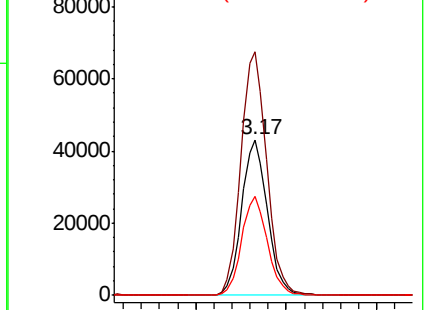


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 48.683 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX009999.D

Acq: 31 May 2019 21:27

Tgt Ion: 45 Resp: 364915

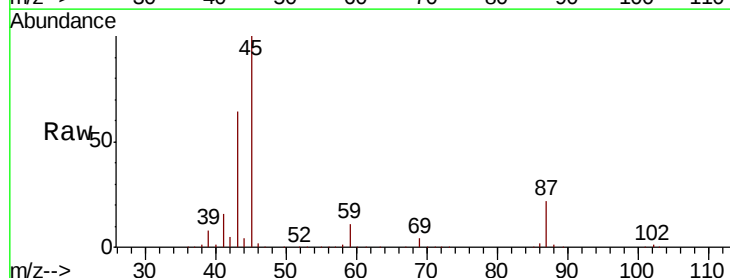
Ion Ratio Lower Upper

45 100

43 63.5 65.0 97.4#

87 22.5 17.3 25.9

59 10.7 8.1 12.1



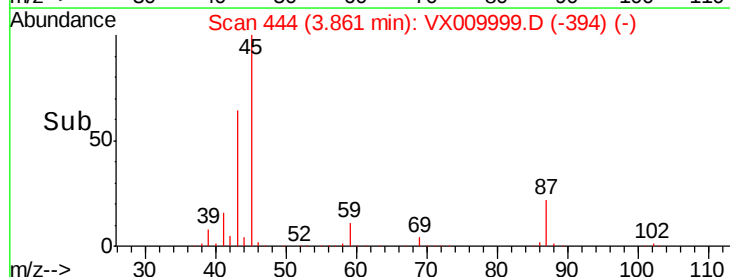
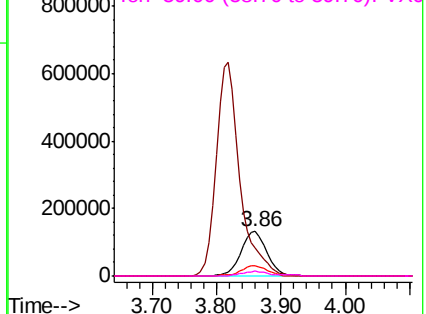
Abundance

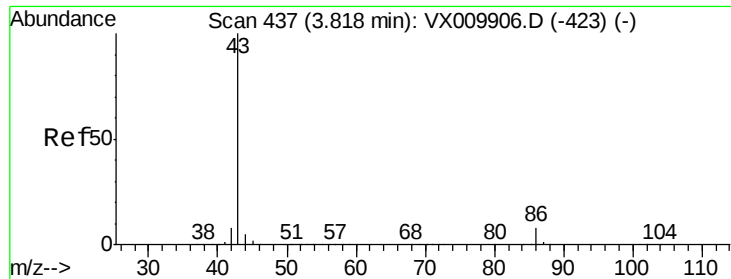
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 243.134 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX009999.D

Acq: 31 May 2019 21:27

Instrument :

MSVOA_X

ClientSampleId :

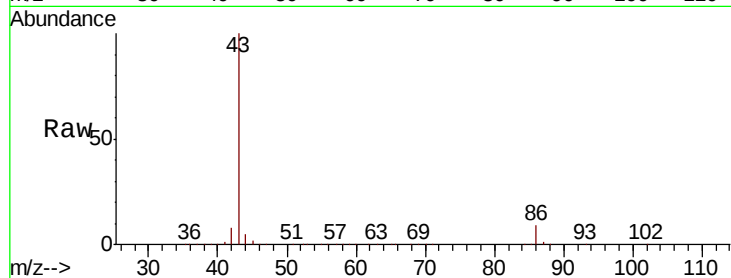
VSTDCCC050

Tot Ion: 43 Resp: 1637202

Ion Ratio Lower Upper

43 100

86 8.5 6.5 9.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

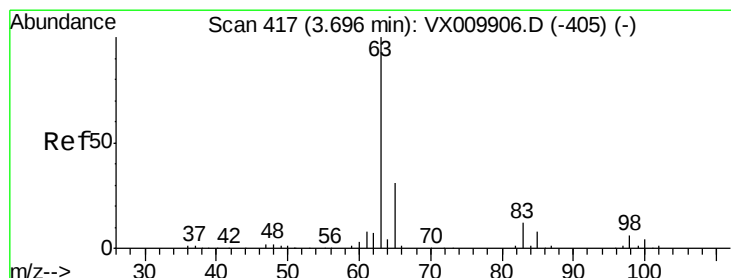
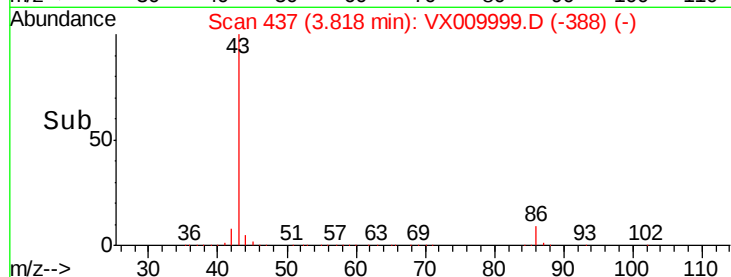
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 48.573 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX009999.D

Acq: 31 May 2019 21:27

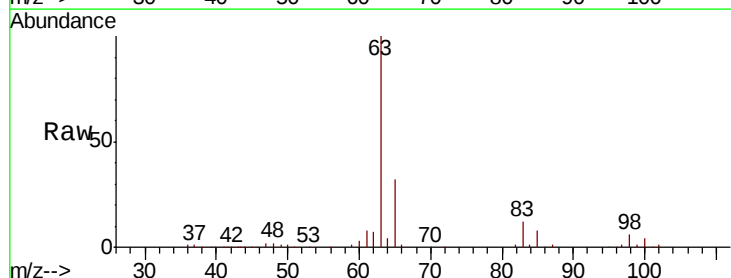
Tgt Ion: 63 Resp: 176445

Ion Ratio Lower Upper

63 100

98 6.2 2.9 8.8

100 3.8 1.8 5.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

100000

80000

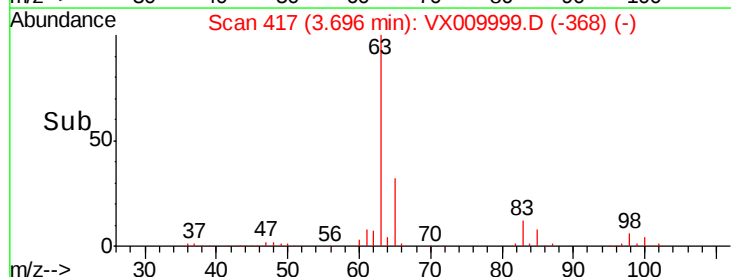
60000

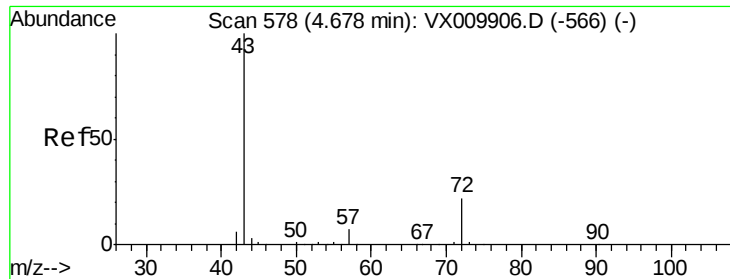
40000

20000

0

Time-->





#25

2-Butanone

Concen: 242.648 ug/l

RT: 4.68 min Scan# 578

Delta R.T. -0.00 min

Lab File: VX009999.D

Acq: 31 May 2019 21:27

Instrument :

MSVOA_X

ClientSampleId :

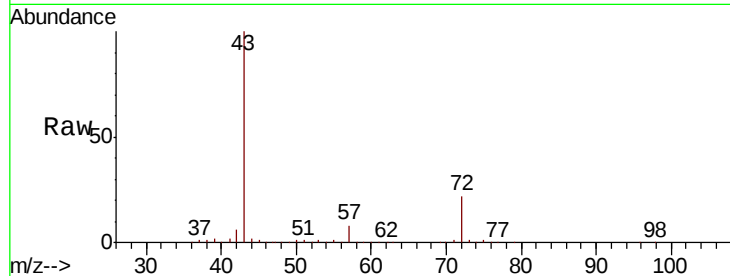
VSTDCCC050

Tot Ion: 43 Resp: 493820

Ion Ratio Lower Upper

43 100

72 21.7 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

200000

150000

100000

50000

0

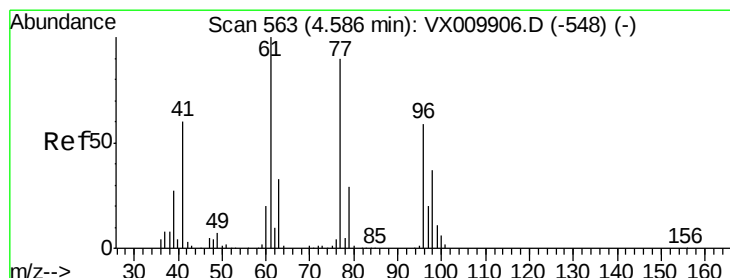
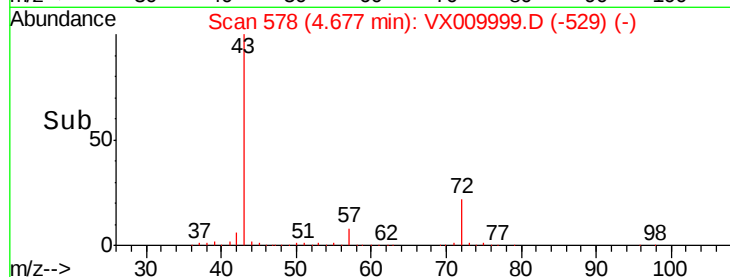
4.68

4.60

4.70

4.80

Time-->



#26

2,2-Dichloropropane

Concen: 42.698 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX009999.D

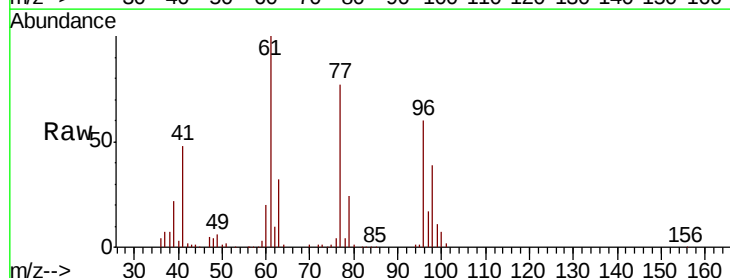
Acq: 31 May 2019 21:27

Tgt Ion: 77 Resp: 117327

Ion Ratio Lower Upper

77 100

97 22.9 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

40000

30000

20000

10000

0

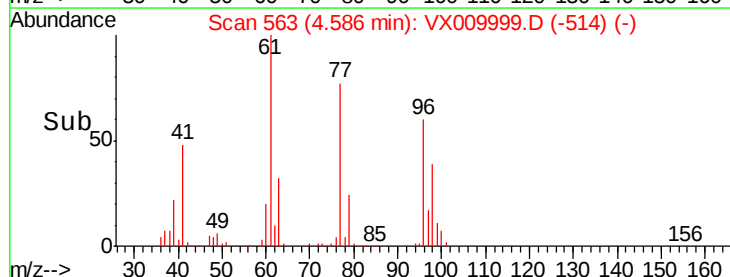
4.59

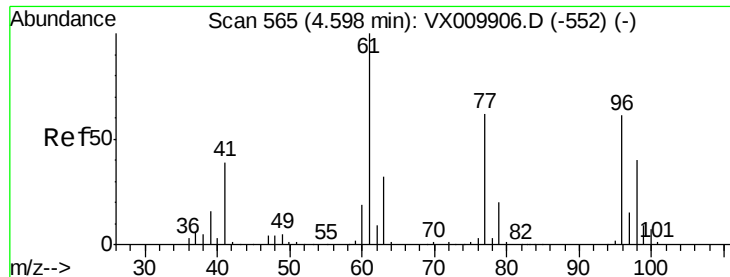
4.50

4.60

4.70

Time-->



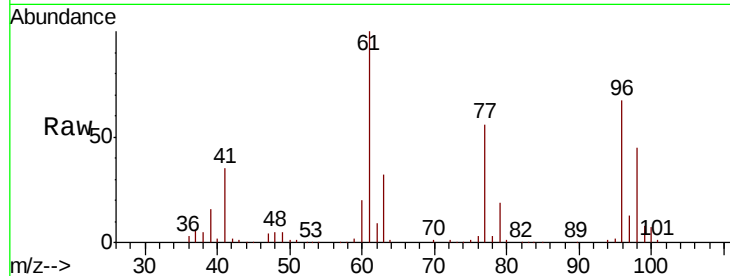


#27

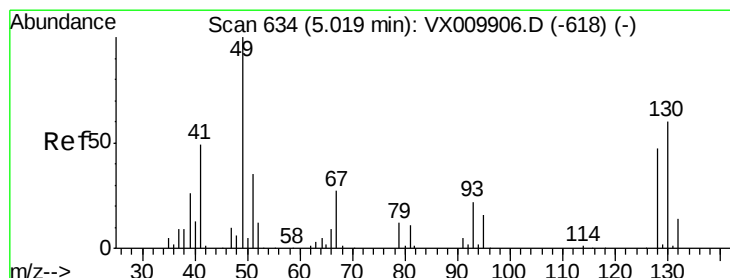
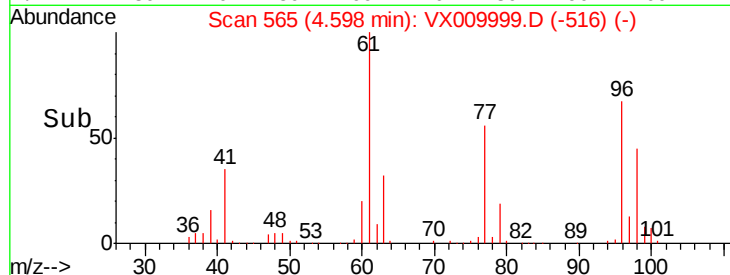
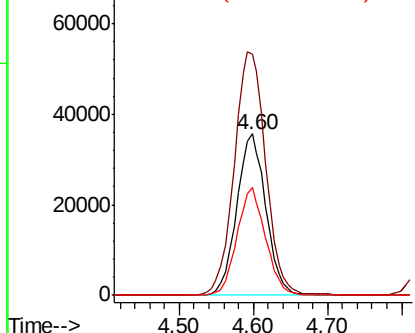
cis-1,2-Dichloroethene
 Concen: 47.077 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX009999.D
 Acq: 31 May 2019 21:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	96	Resp	98005
Ion	Ratio	Lower	Upper
96	100		
61	162.4	0.0	334.0
98	65.5	0.0	131.6



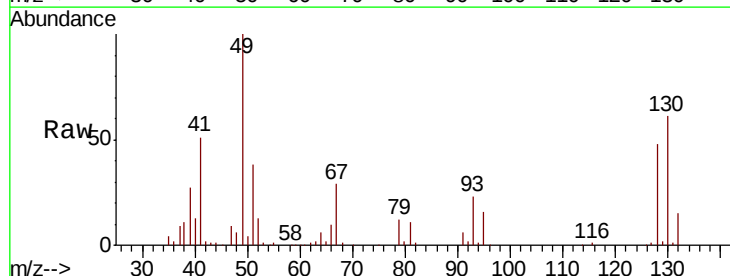
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



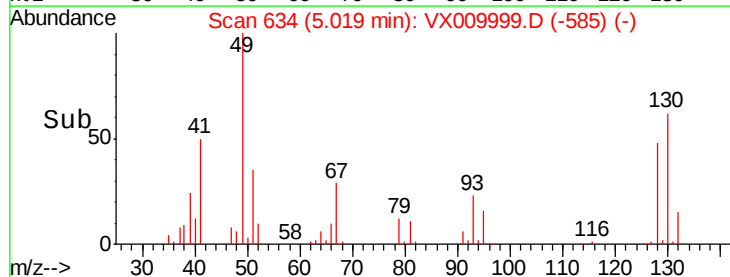
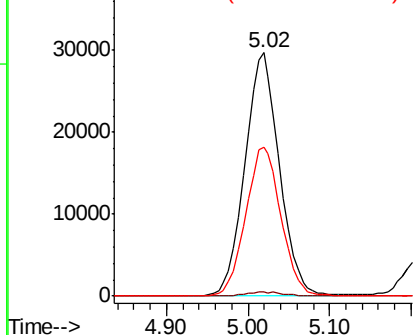
#28

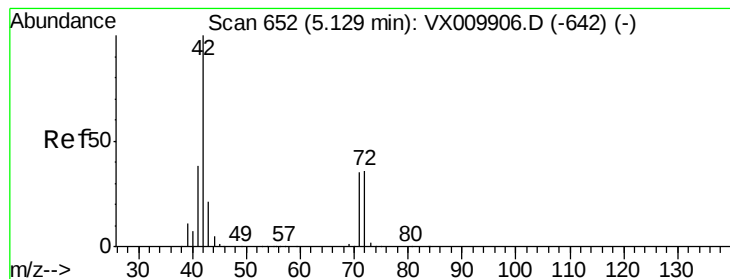
Bromochloromethane
 Concen: 46.344 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX009999.D
 Acq: 31 May 2019 21:27

Tgt Ion	49	Resp	87360
Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.4
130	62.5	49.4	74.2



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





#29

Tetrahydrofuran

Concen: 247.311 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX009999.D

Acq: 31 May 2019 21:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

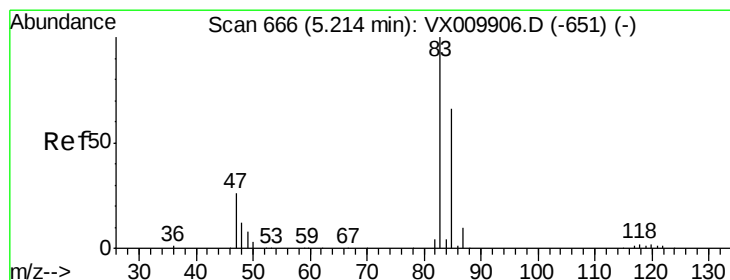
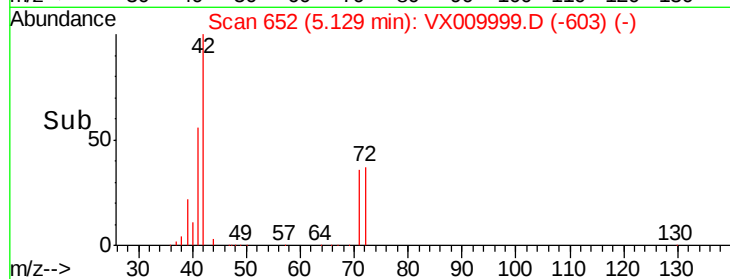
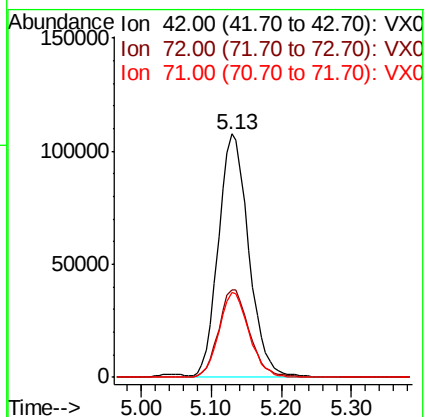
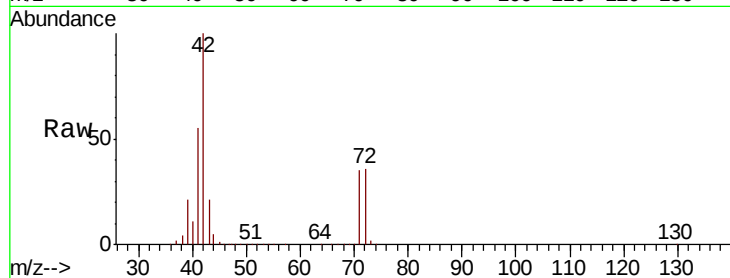
Tot Ion: 42 Resp: 322753

Ion Ratio Lower Upper

42 100

72 36.9 29.2 43.8

71 34.6 27.6 41.4



#30

Chloroform

Concen: 49.223 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.01 min

Lab File: VX009999.D

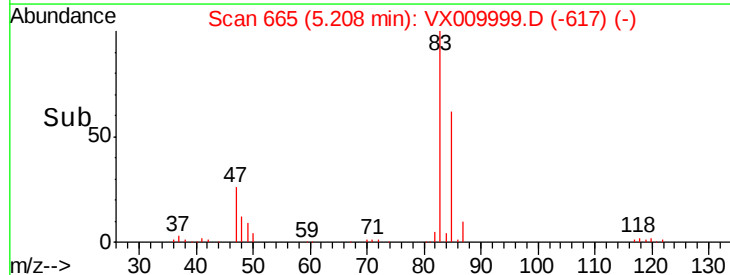
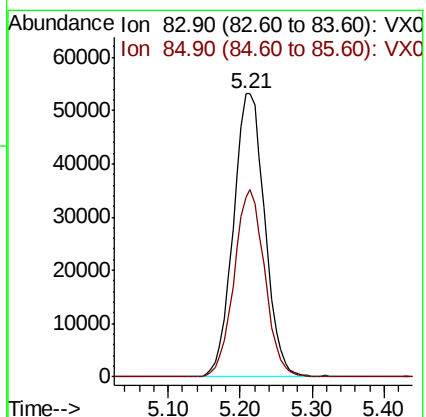
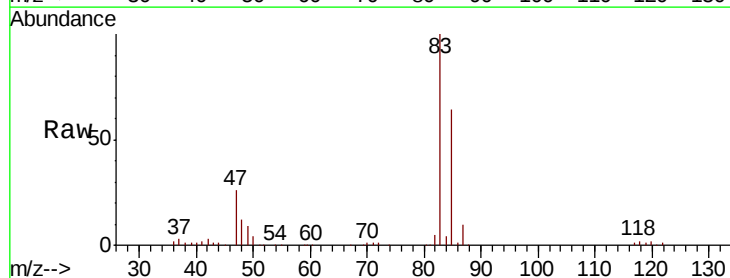
Acq: 31 May 2019 21:27

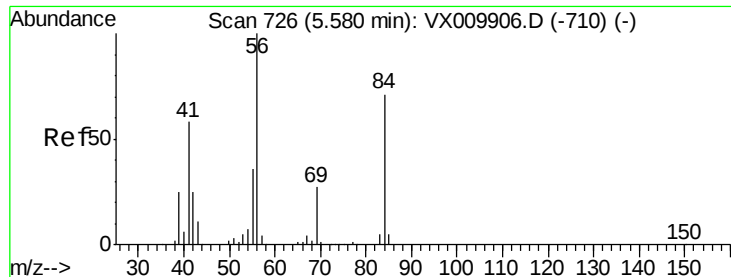
Tgt Ion: 83 Resp: 161257

Ion Ratio Lower Upper

83 100

85 63.7 52.6 78.8

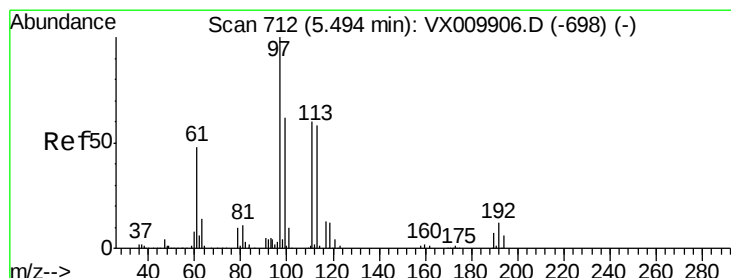
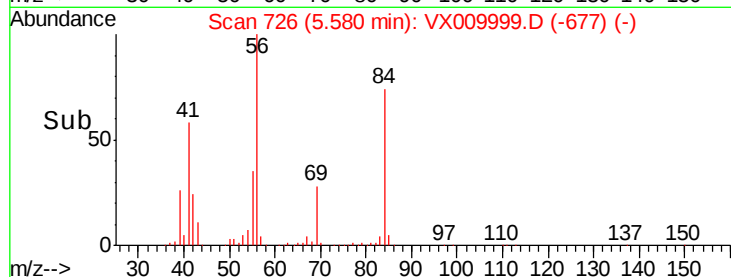
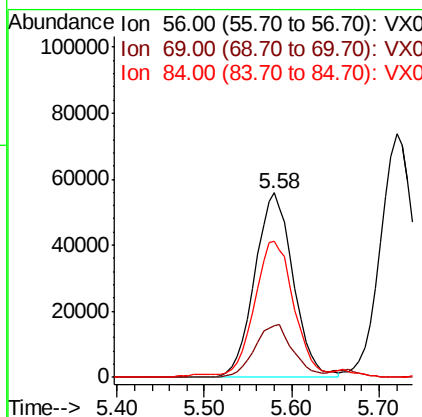
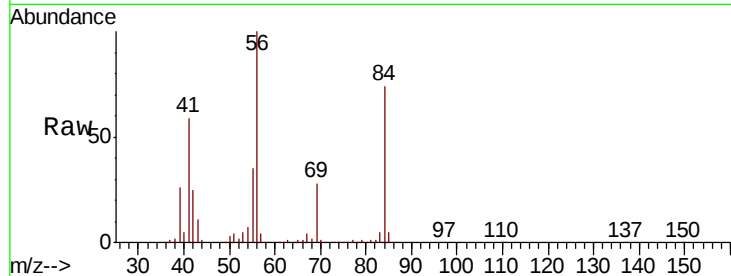




#31
Cyclohexane
Concen: 49.701 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX009999.D
Acq: 31 May 2019 21:27

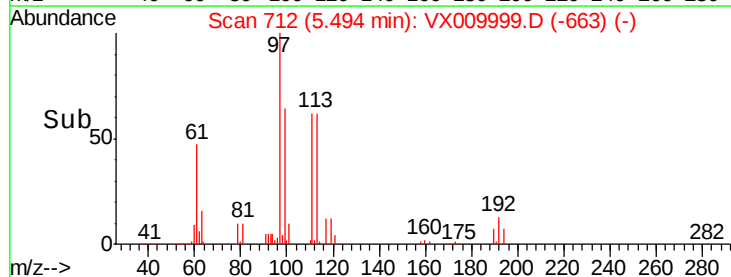
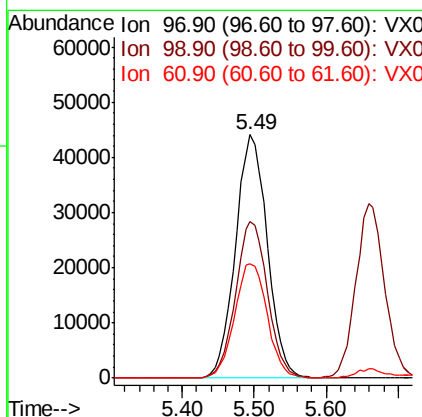
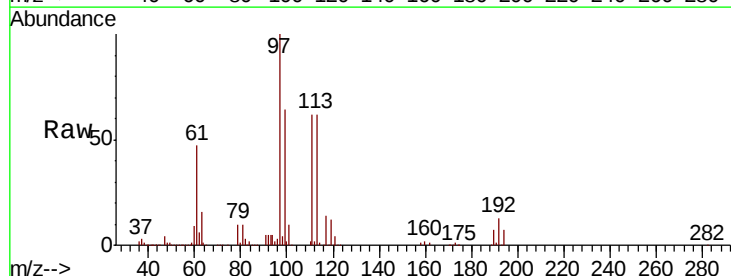
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

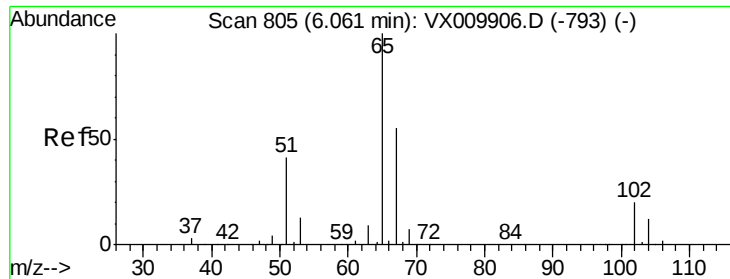
Tot Ion	Ratio	Lower	Upper
56	100		
69	28.3	21.6	32.4
84	72.9	56.8	85.2



#32
1,1,1-Trichloroethane
Concen: 50.845 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX009999.D
Acq: 31 May 2019 21:27

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.0	76.4
61	48.3	38.7	58.1

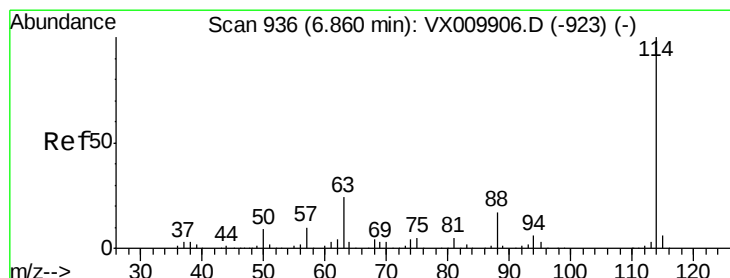
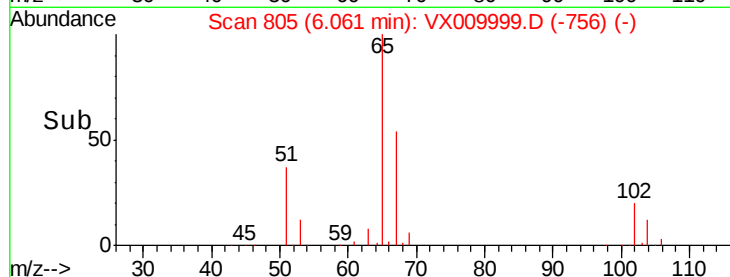
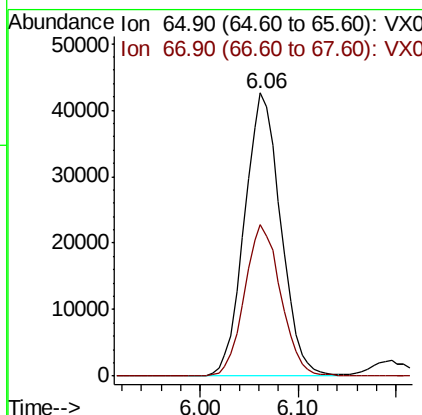
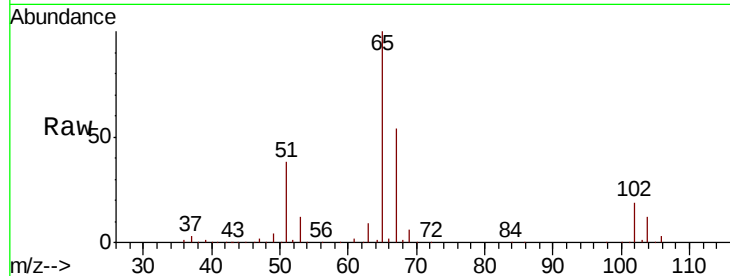




#33
 1,2-Dichloroethane-d4
 Concen: 48.418 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX009999.D
 Acq: 31 May 2019 21:27

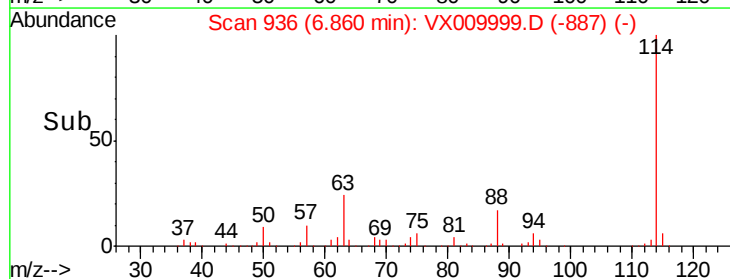
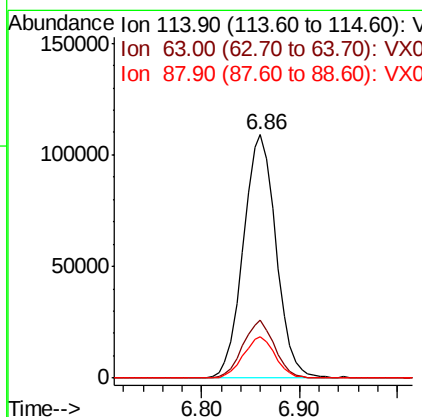
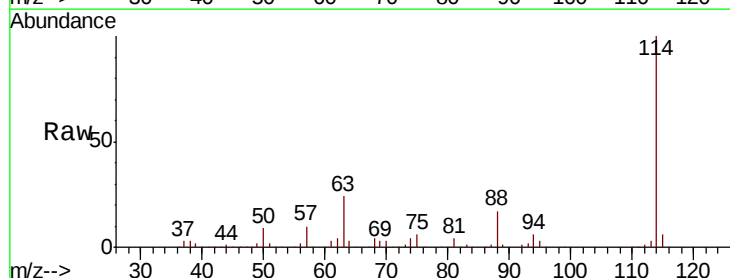
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

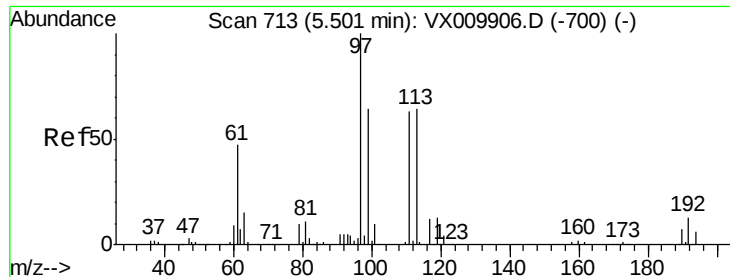
Tot Ion: 65 Resp: 109464
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009999.D
 Acq: 31 May 2019 21:27

Tgt Ion: 114 Resp: 253937
 Ion Ratio Lower Upper
 114 100
 63 23.7 0.0 47.4
 88 16.9 0.0 33.0





#35

Dibromofluoromethane

Concen: 50.768 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX009999.D

Acq: 31 May 2019 21:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

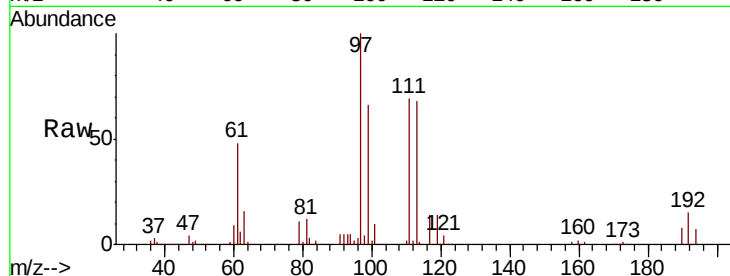
Tot Ion:113 Resp: 81051

Ion Ratio Lower Upper

113 100

111 101.8 82.2 123.2

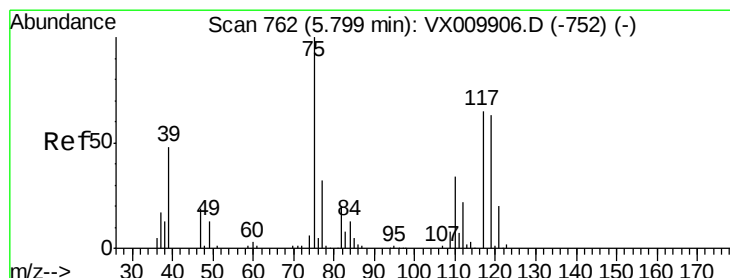
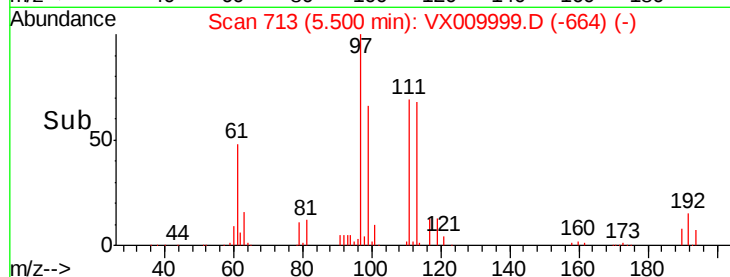
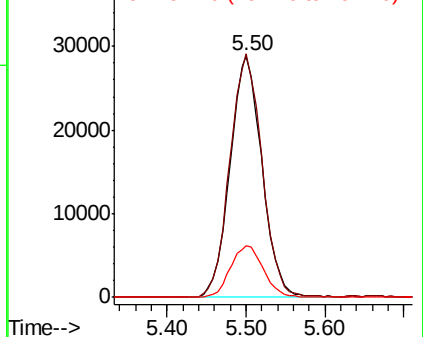
192 22.1 17.1 25.7



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: 48.458 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX009999.D

Acq: 31 May 2019 21:27

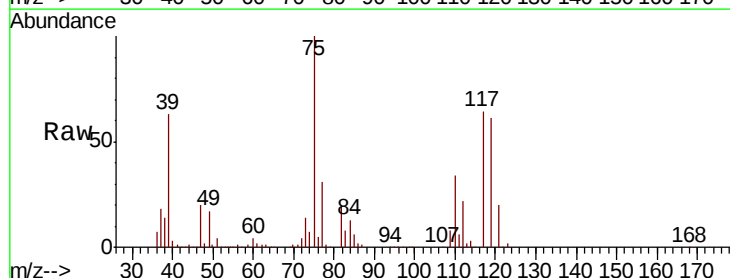
Tgt Ion: 75 Resp: 124852

Ion Ratio Lower Upper

75 100

110 33.6 16.7 50.1

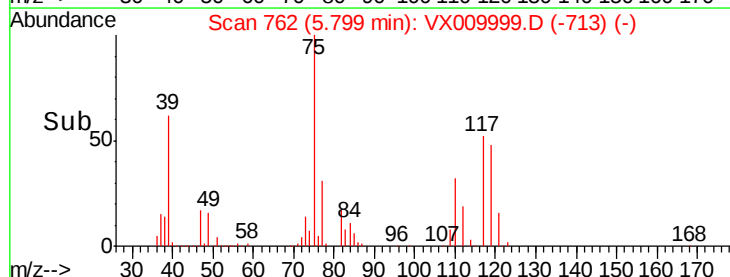
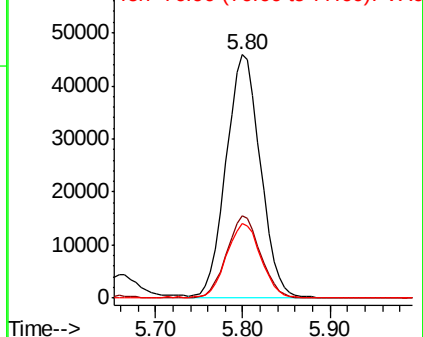
77 30.7 25.0 37.4

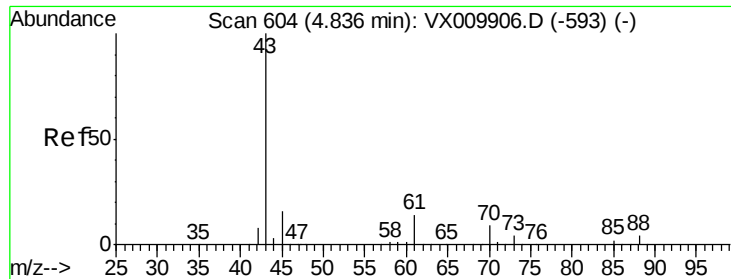


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

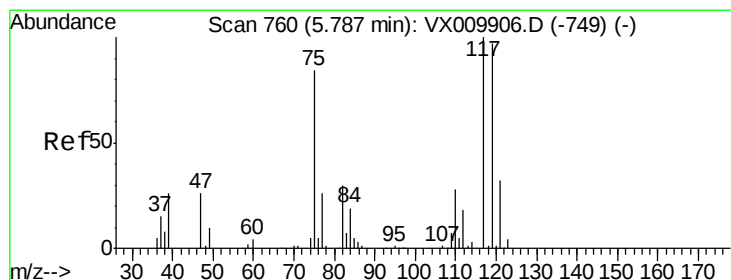
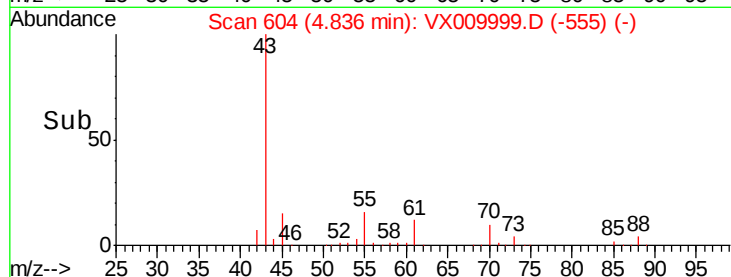
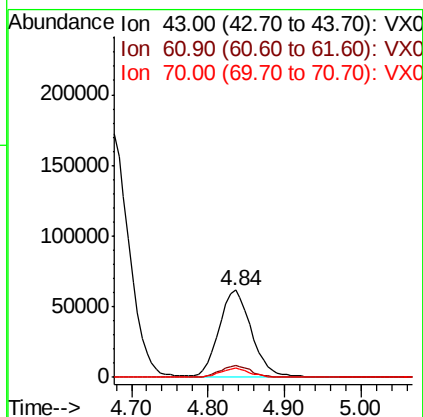
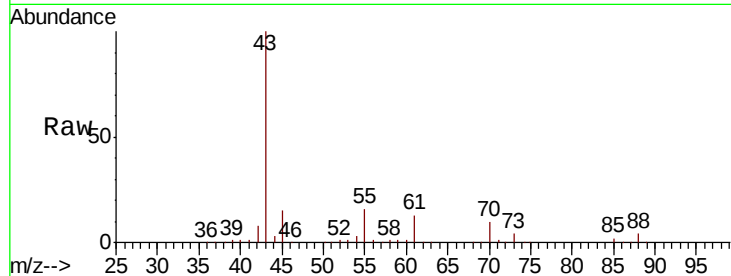




#37
Ethyl Acetate
Concen: 50.505 ug/l
RT: 4.84 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX009999.D
Acq: 31 May 2019 21:27

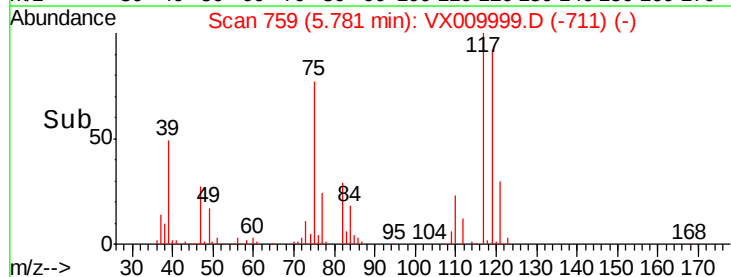
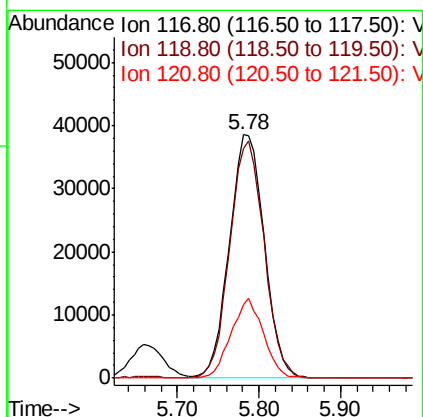
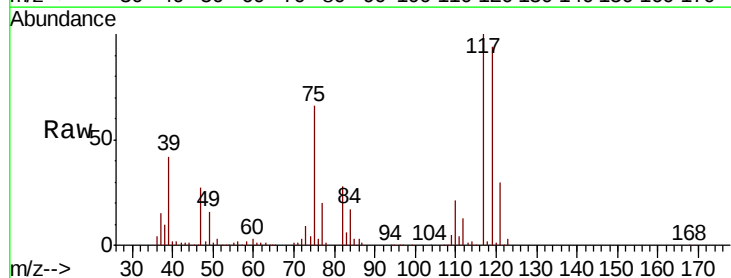
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

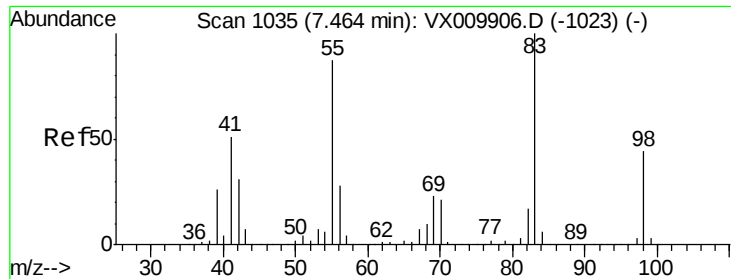
Tot Ion: 43 Resp: 181312
Ion Ratio Lower Upper
43 100
61 12.8 10.2 15.2
70 9.4 7.4 11.2



#38
Carbon Tetrachloride
Concen: 51.384 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX009999.D
Acq: 31 May 2019 21:27

Tgt Ion: 117 Resp: 114403
Ion Ratio Lower Upper
117 100
119 94.1 77.3 115.9
121 30.3 25.4 38.0

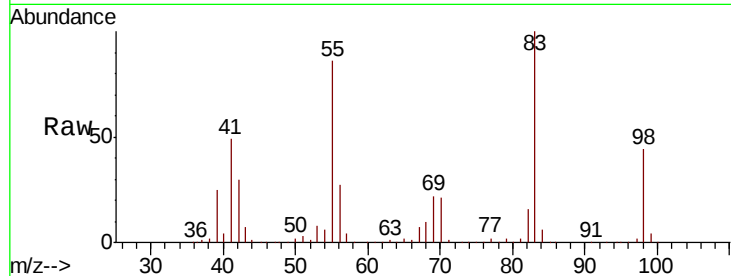




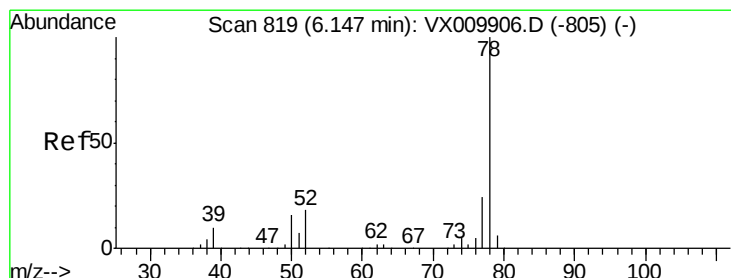
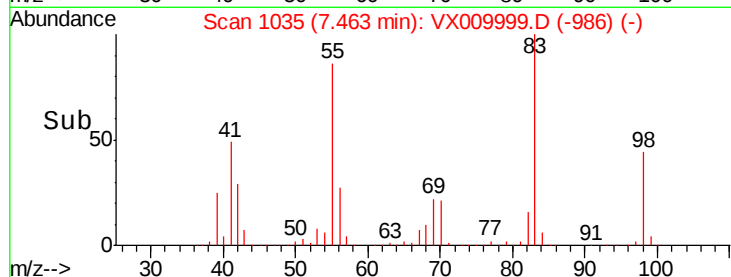
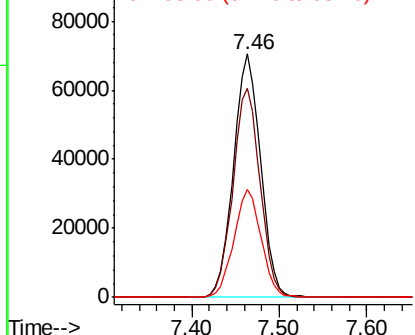
#39
Methvlcvclohexane
Concen: 49.775 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX009999.D
Acq: 31 May 2019 21:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 152121
Ion Ratio Lower Upper
83 100
55 85.9 69.9 104.9
98 44.4 35.1 52.7

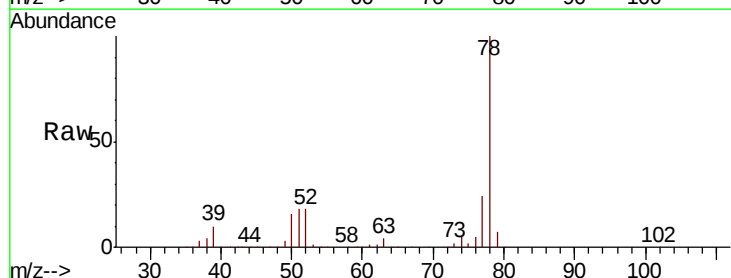


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

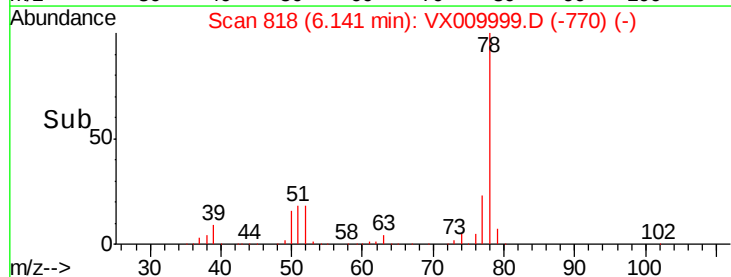
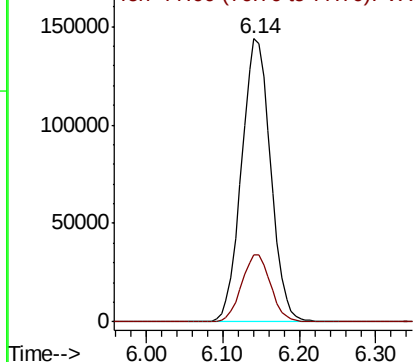


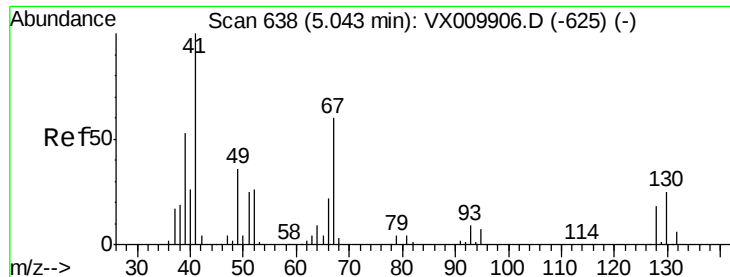
#40
Benzene
Concen: 49.786 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX009999.D
Acq: 31 May 2019 21:27

Tgt Ion: 78 Resp: 380516
Ion Ratio Lower Upper
78 100
77 23.8 19.2 28.8



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





#41

Methacrylonitrile

Concen: 48.629 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX009999.D

Acq: 31 May 2019 21:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 102011

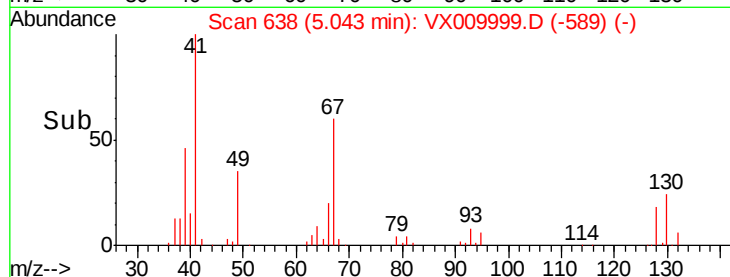
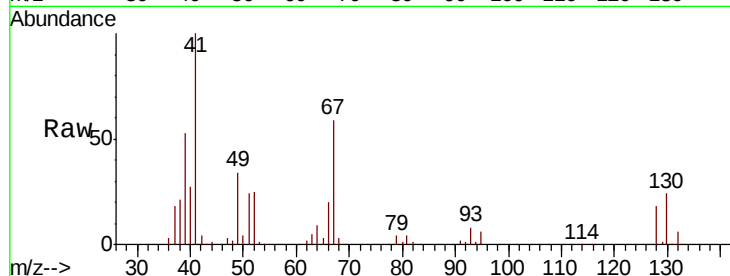
Ion Ratio Lower Upper

41 100

39 53.6 42.2 63.4

67 62.6 48.9 73.3

52 26.8 20.1 30.1

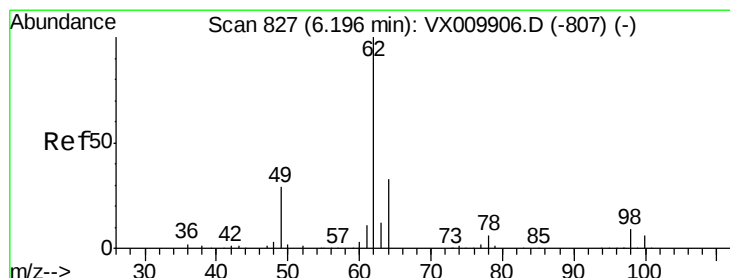
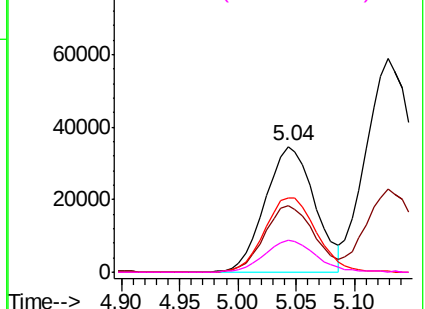


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 48.958 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX009999.D

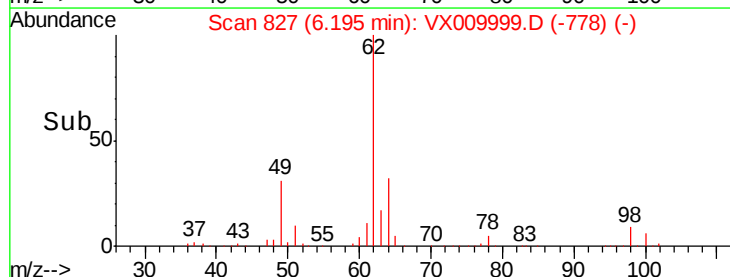
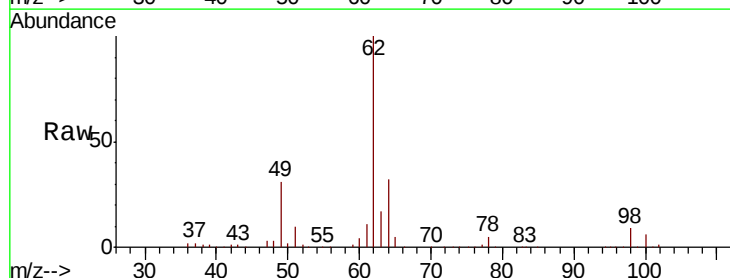
Acq: 31 May 2019 21:27

Tgt Ion: 62 Resp: 138335

Ion Ratio Lower Upper

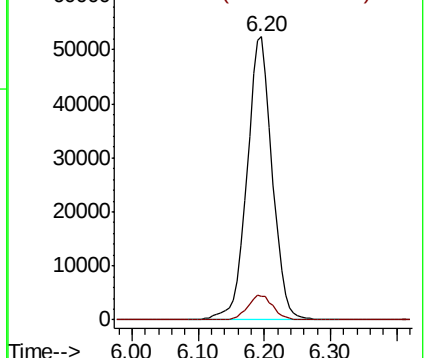
62 100

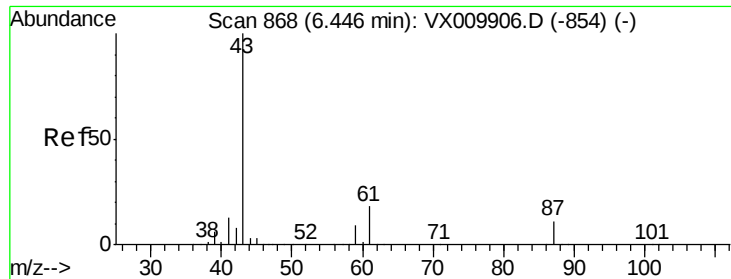
98 8.8 0.0 17.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



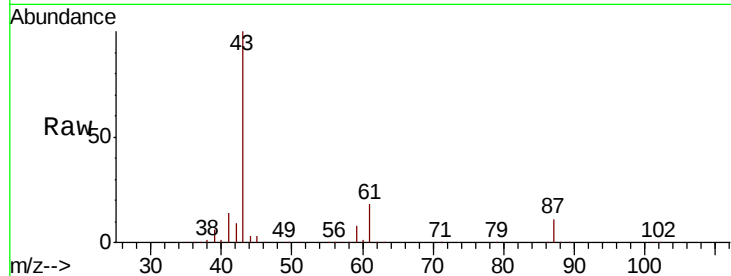


#43

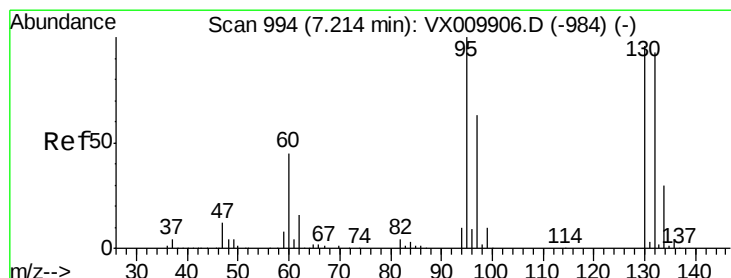
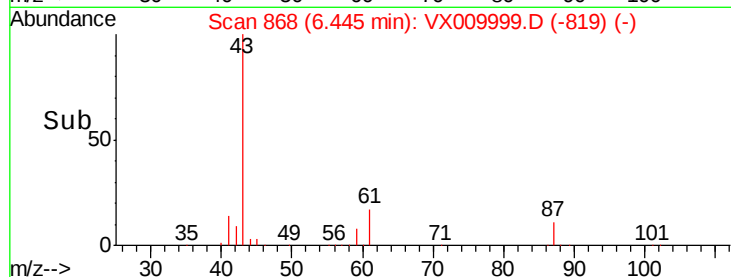
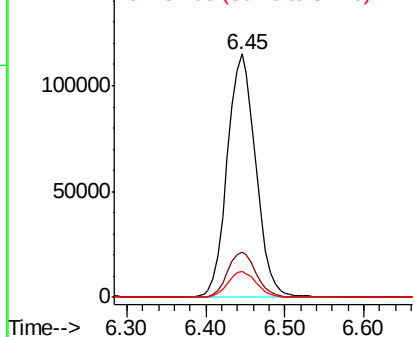
Isopropyl Acetate
 Concen: 49.650 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX009999.D
 Acq: 31 May 2019 21:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 287604
 Ion Ratio Lower Upper
 43 100
 61 18.7 14.6 21.8
 87 10.9 8.7 13.1



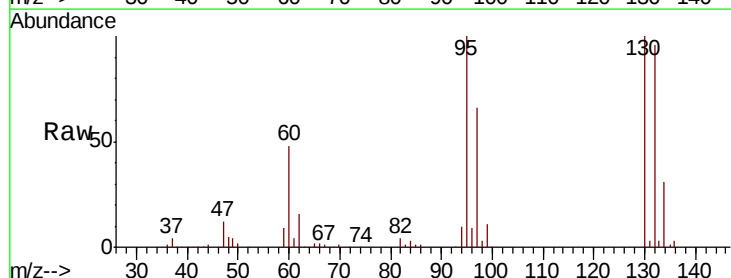
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



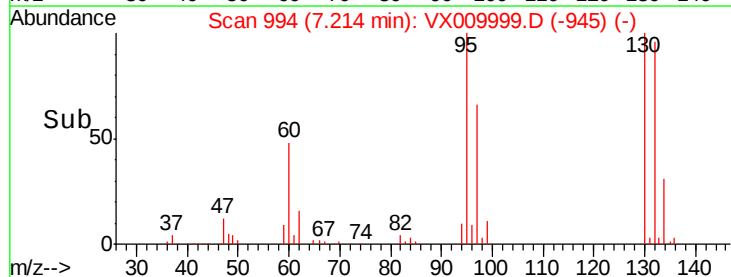
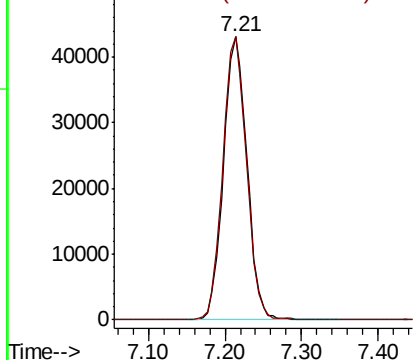
#44

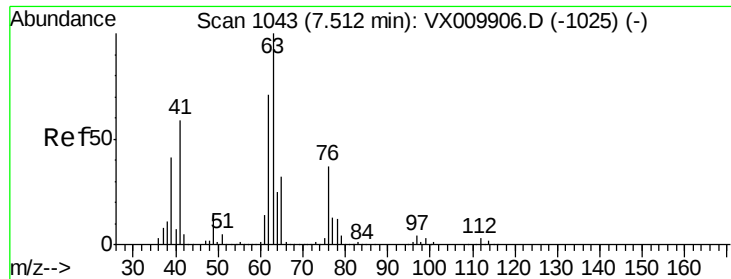
Trichloroethene
 Concen: 49.354 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX009999.D
 Acq: 31 May 2019 21:27

Tgt Ion: 130 Resp: 91627
 Ion Ratio Lower Upper
 130 100
 95 99.9 0.0 207.4



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 49.206 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX009999.D

Acq: 31 May 2019 21:27

Instrument :

MSVOA_X

ClientSampleId :

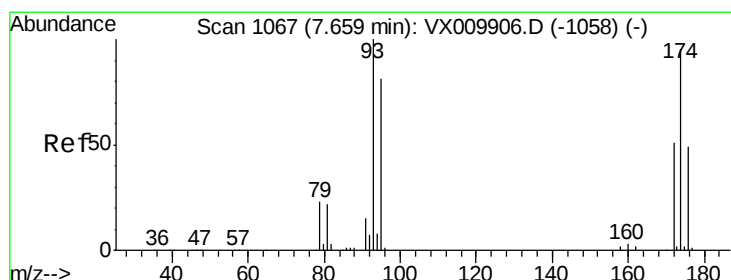
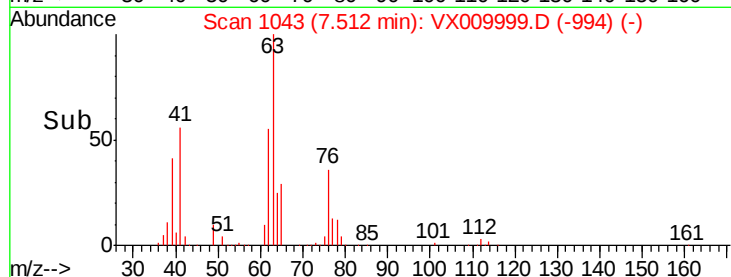
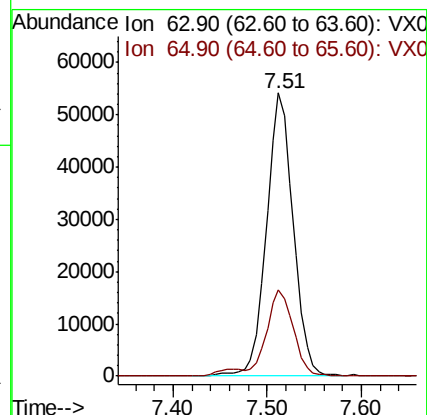
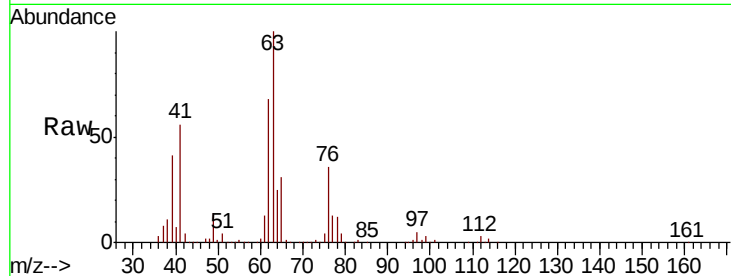
VSTDCCC050

Tot Ion: 63 Resp: 108262

Ion Ratio Lower Upper

63 100

65 30.4 25.7 38.5



#46

Dibromomethane

Concen: 47.803 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX009999.D

Acq: 31 May 2019 21:27

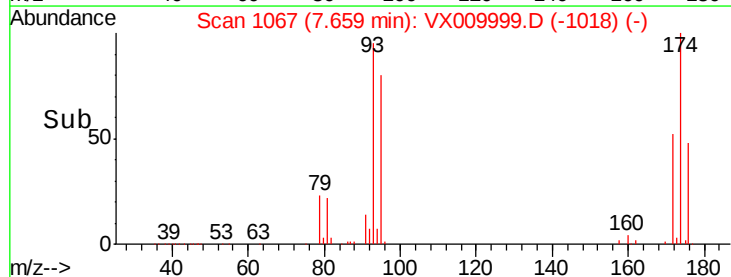
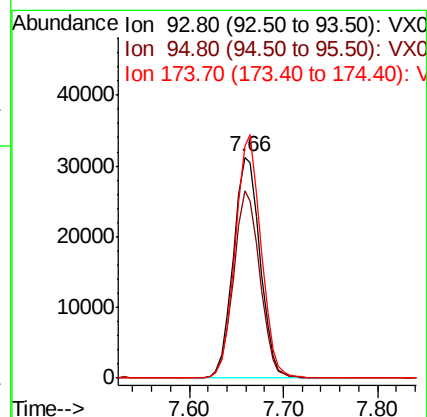
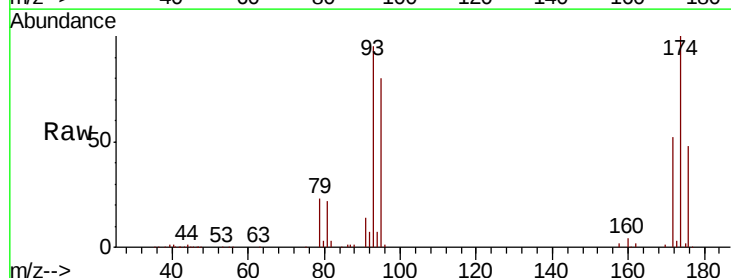
Tgt Ion: 93 Resp: 61908

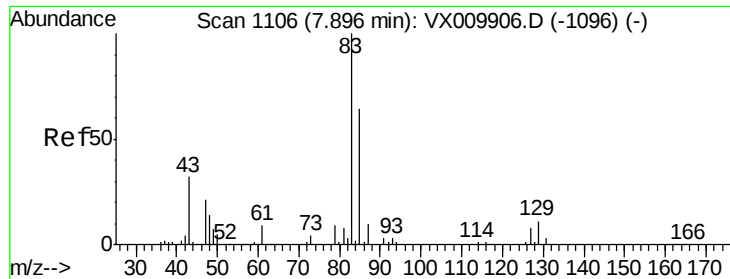
Ion Ratio Lower Upper

93 100

95 83.4 66.8 100.2

174 106.1 81.9 122.9





#47

Bromodichloromethane

Concen: 51.337 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX009999.D

Acq: 31 May 2019 21:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

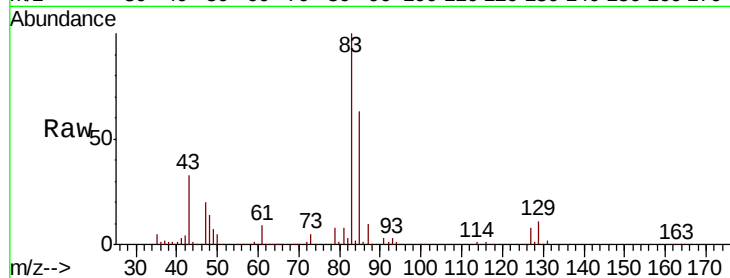
Tot Ion: 83 Resp: 126430

Ion Ratio Lower Upper

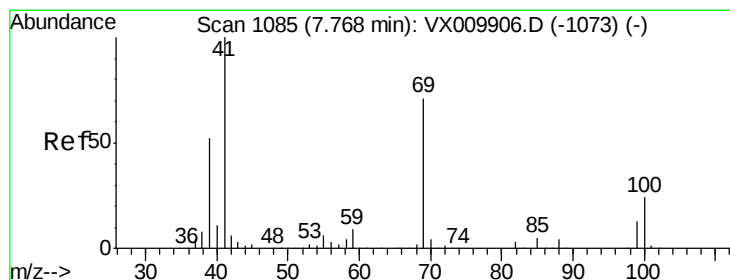
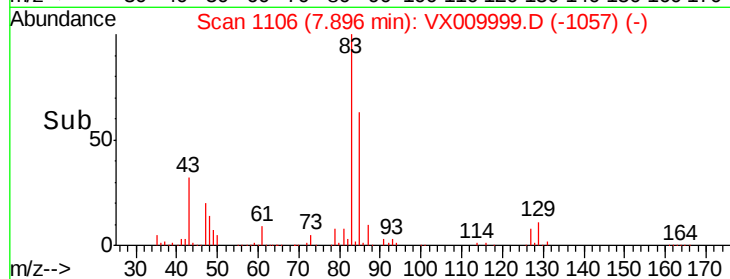
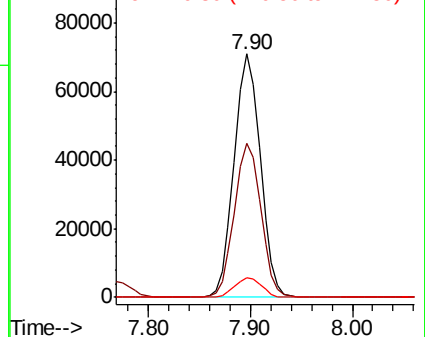
83 100

85 63.2 51.4 77.2

127 8.0 6.4 9.6



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: 51.316 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX009999.D

Acq: 31 May 2019 21:27

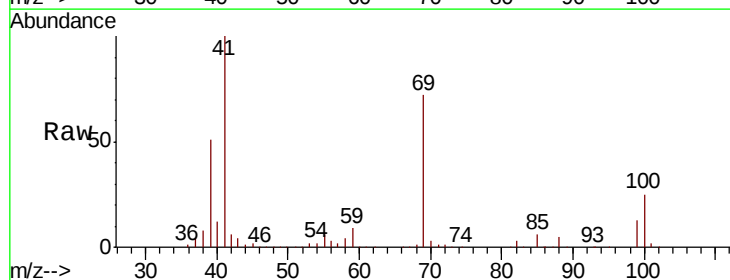
Tgt Ion: 41 Resp: 147153

Ion Ratio Lower Upper

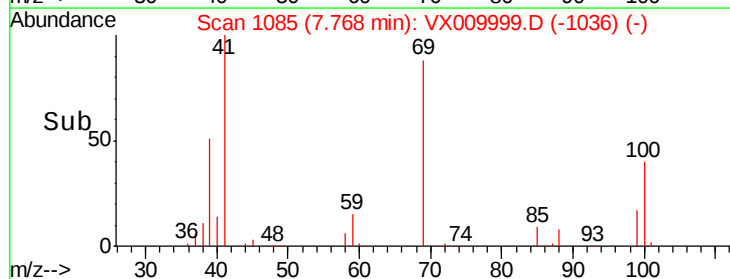
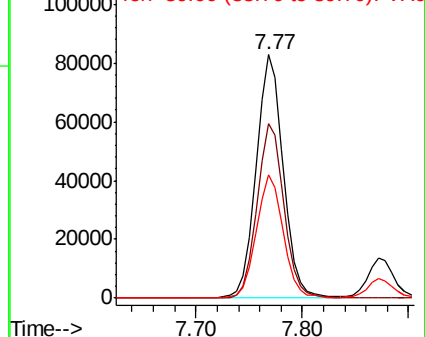
41 100

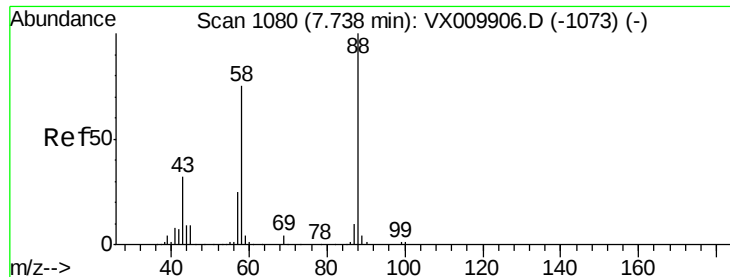
69 71.9 56.4 84.6

39 50.5 40.6 60.8



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

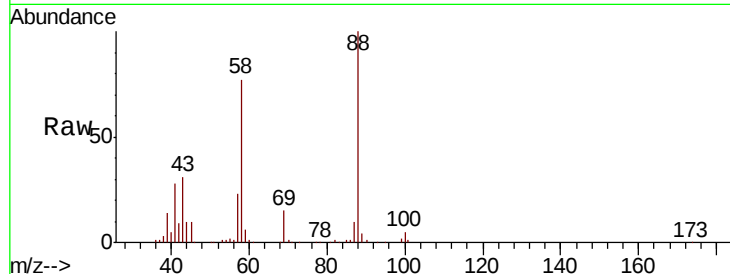




#49
1,4-Dioxane
Concen: 1039.384 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VX009999.D
Acq: 31 May 2019 21:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	55440
Ion Ratio	Lower	Upper	
88	100		
43	37.1	30.2	45.4
58	79.9	64.0	96.0

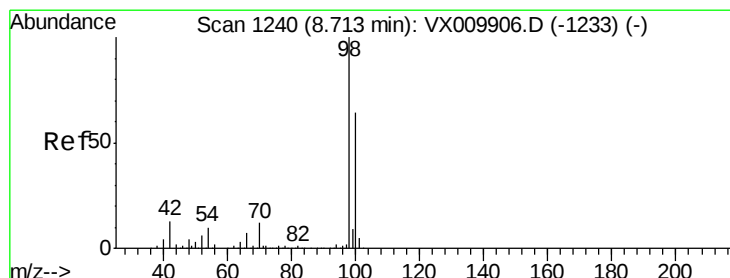
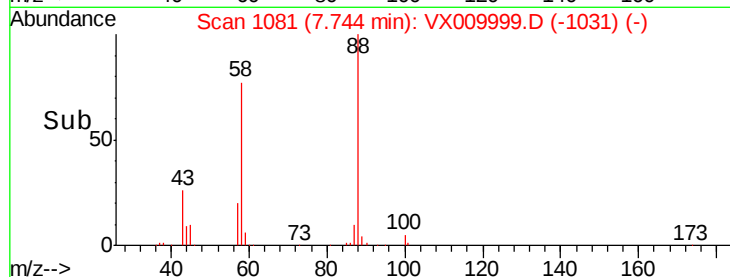
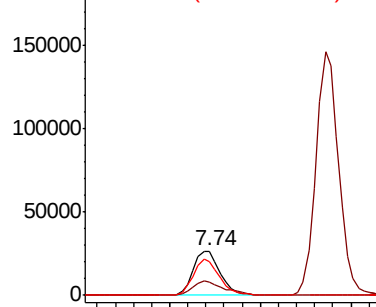


Abundance

Ion 88.00 (87.70 to 88.70): VX0

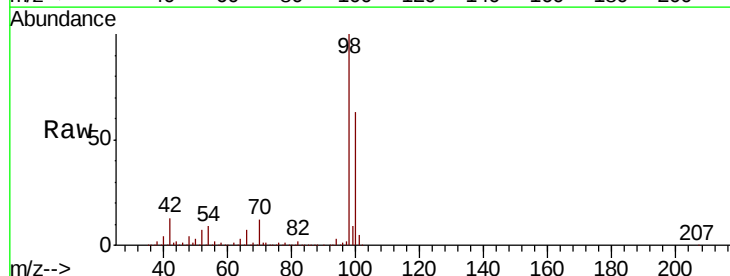
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 50.910 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009999.D
Acq: 31 May 2019 21:27

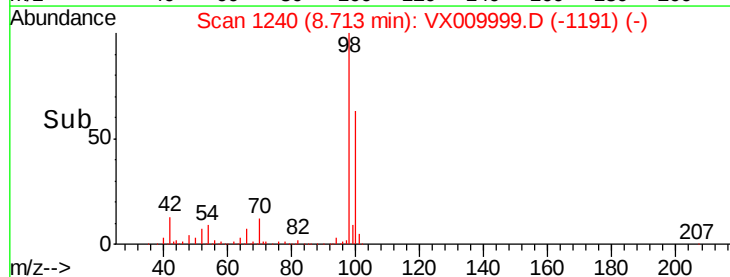
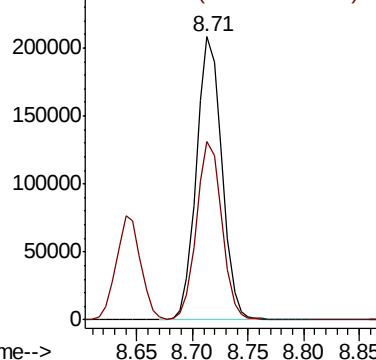
Tgt Ion	98	Resp	330052
Ion Ratio	Lower	Upper	
98	100		
100	63.3	51.5	77.3

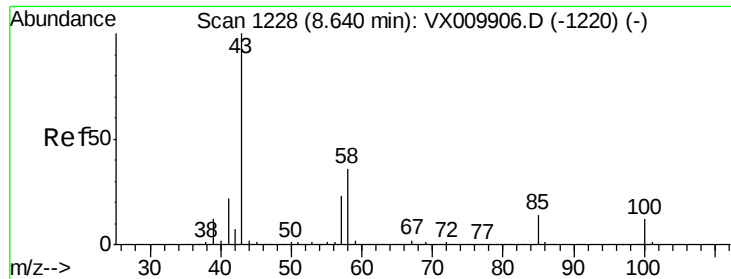


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 256.305 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX009999.D

Acq: 31 May 2019 21:27

Instrument :

MSVOA_X

ClientSampleId :

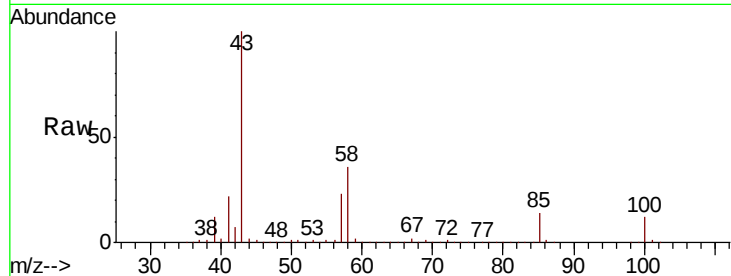
VSTDCCC050

Tot Ion: 43 Resp: 965803

Ion Ratio Lower Upper

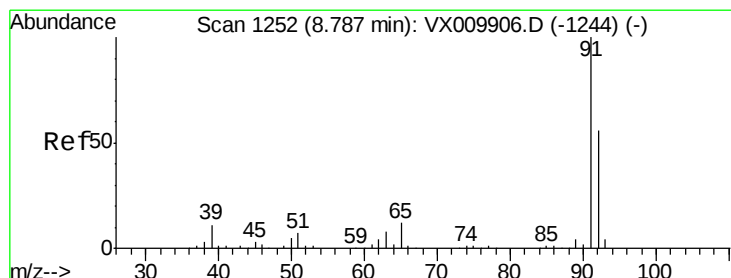
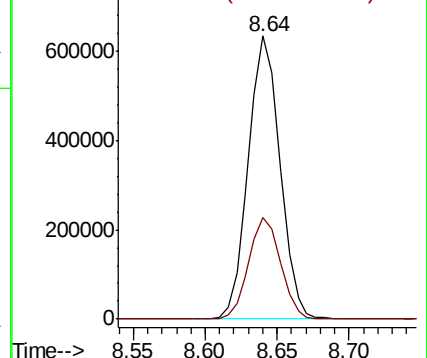
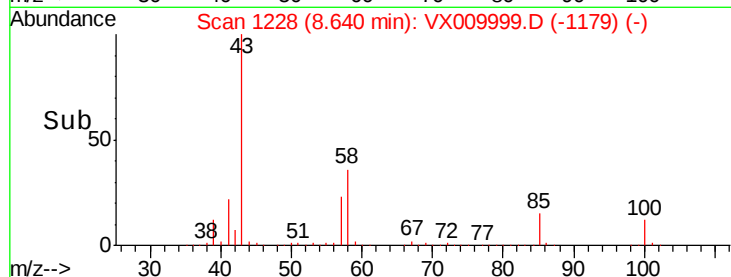
43 100

58 36.2 28.8 43.2



Abundance Ion 43.00 (42.70 to 43.70): VX009999.D (-1179) (-)

Ion 58.00 (57.70 to 58.70): VX009999.D (-1179) (-)



#52

Toluene

Concen: 49.983 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX009999.D

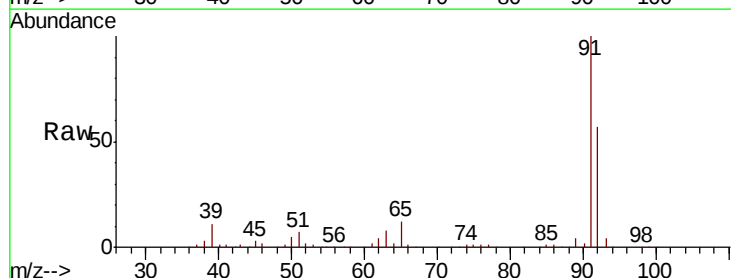
Acq: 31 May 2019 21:27

Tgt Ion: 92 Resp: 231948

Ion Ratio Lower Upper

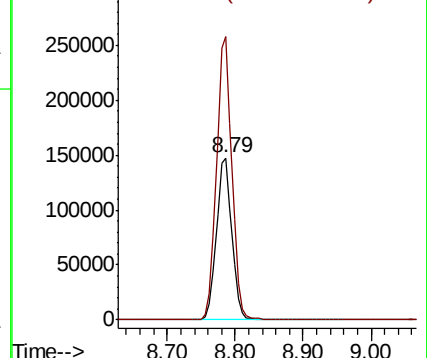
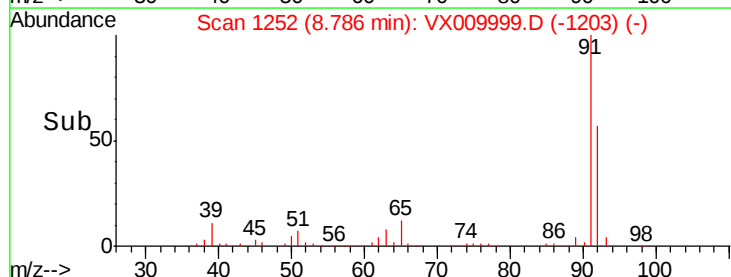
92 100

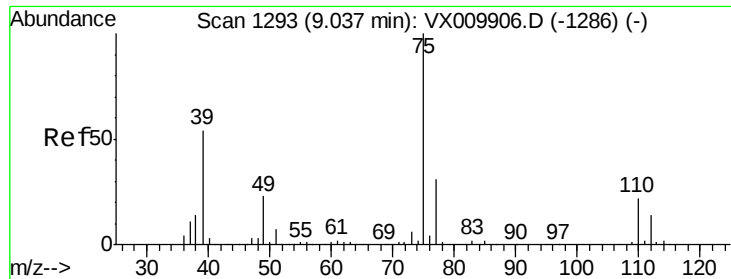
91 174.1 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VX009999.D (-1203) (-)

Ion 91.00 (90.70 to 91.70): VX009999.D (-1203) (-)

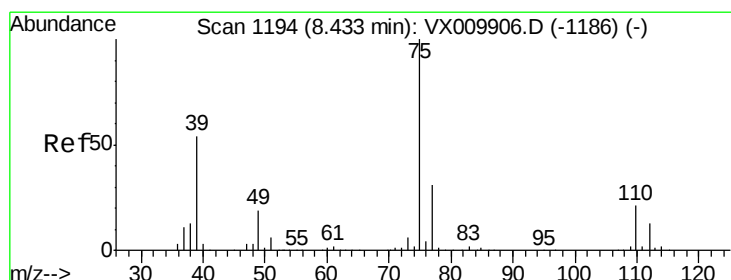
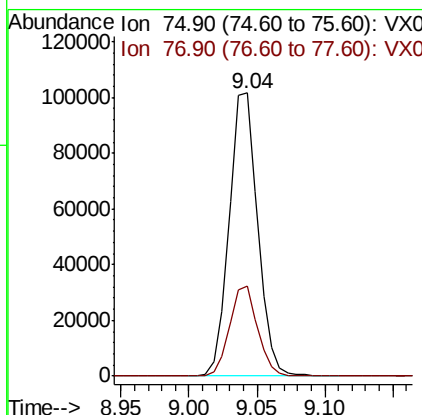
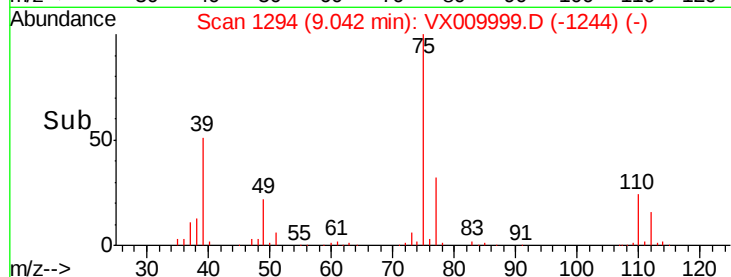
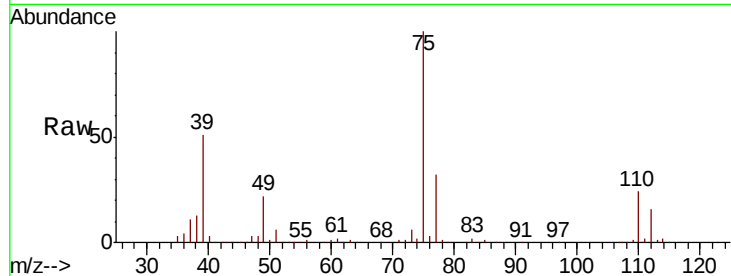




#53
 t-1,3-Dichloropropene
 Concen: 50.225 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.01 min
 Lab File: VX009999.D
 Acq: 31 May 2019 21:27

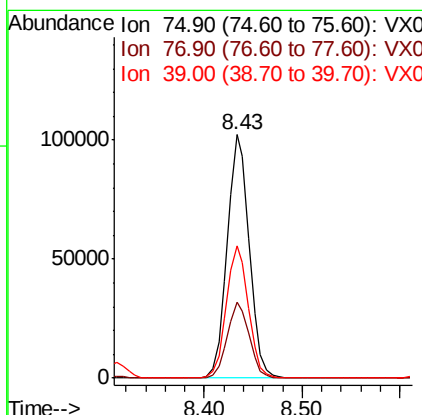
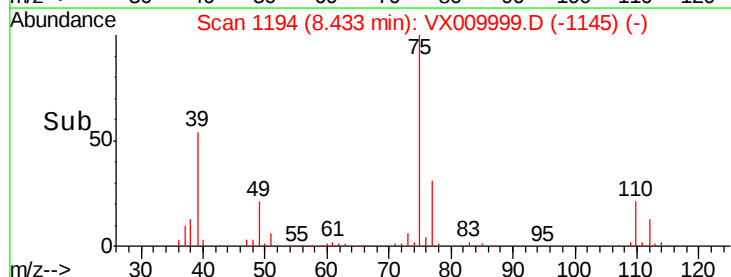
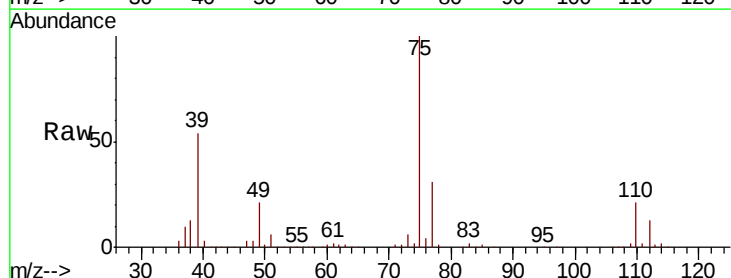
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

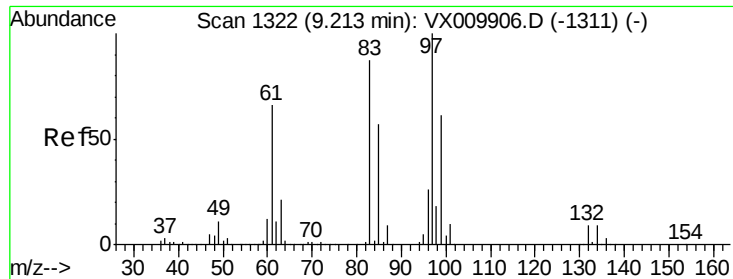
Tot Ion: 75 Resp: 148342
 Ion Ratio Lower Upper
 75 100
 77 31.7 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 49.516 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX009999.D
 Acq: 31 May 2019 21:27

Tgt Ion: 75 Resp: 159345
 Ion Ratio Lower Upper
 75 100
 77 30.9 24.8 37.2
 39 54.1 43.4 65.0

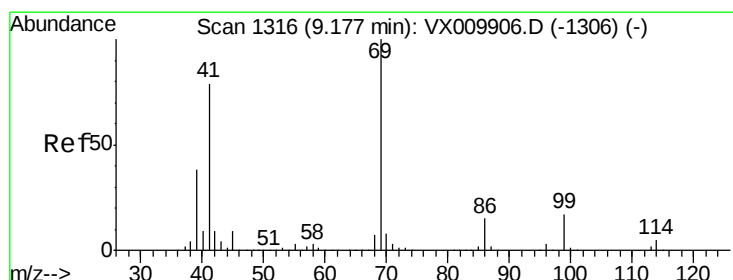
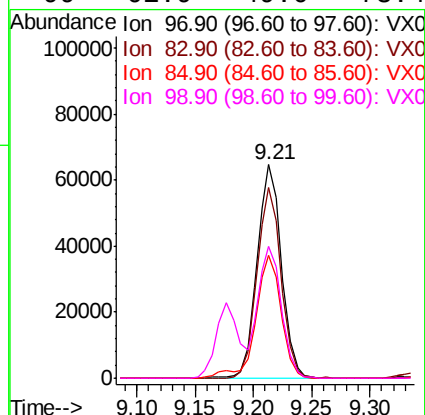
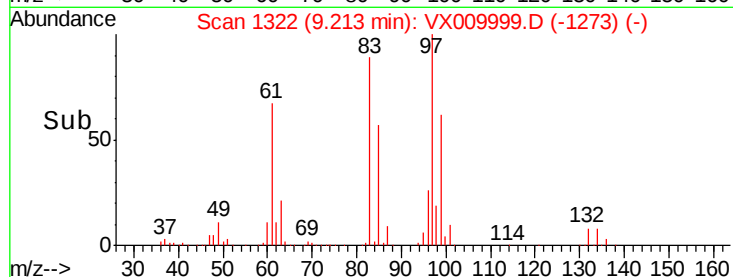
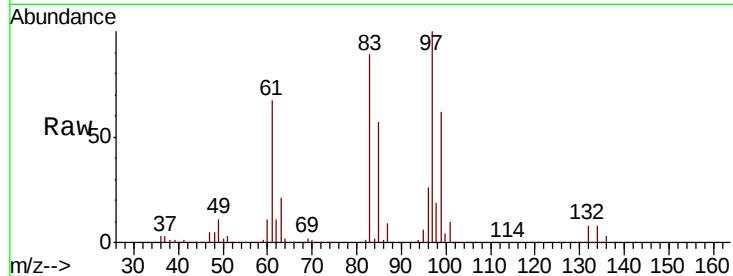




#55
 1,1,2-Trichloroethane
 Concen: 50.393 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX009999.D
 Acq: 31 May 2019 21:27

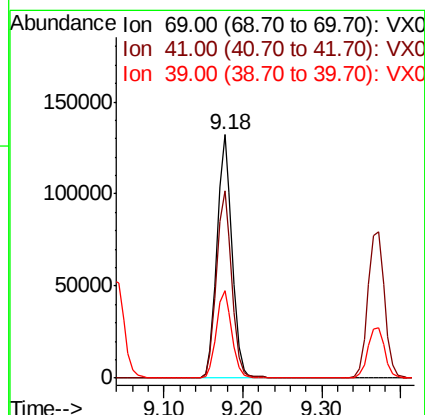
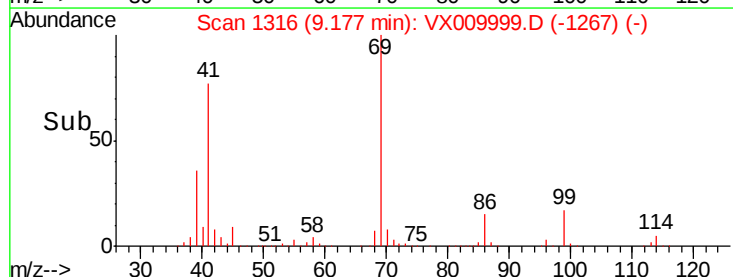
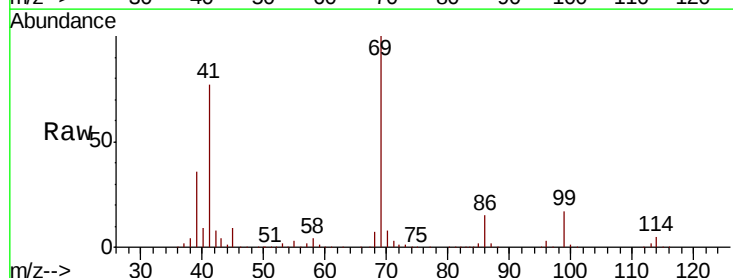
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

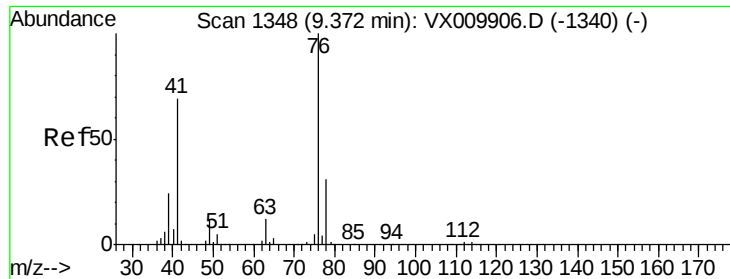
Tot Ion: 97 Resp: 94122
 Ion Ratio Lower Upper
 97 100
 83 89.3 69.8 104.8
 85 57.5 45.3 67.9
 99 61.9 49.0 73.4



#56
 Ethyl methacrylate
 Concen: 53.320 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX009999.D
 Acq: 31 May 2019 21:27

Tgt Ion: 69 Resp: 177299
 Ion Ratio Lower Upper
 69 100
 41 77.8 62.7 94.1
 39 36.3 29.5 44.3

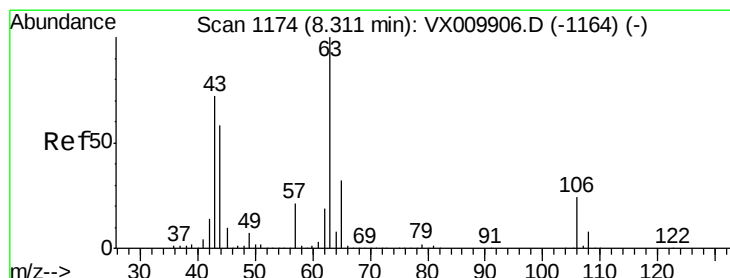
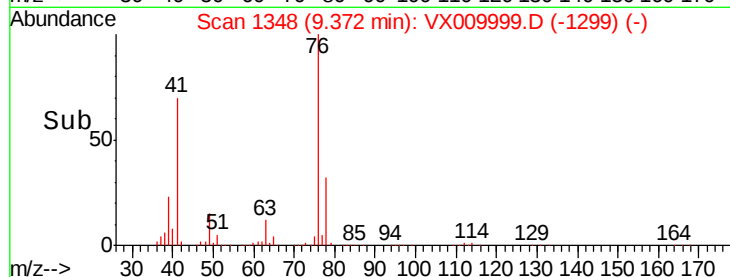
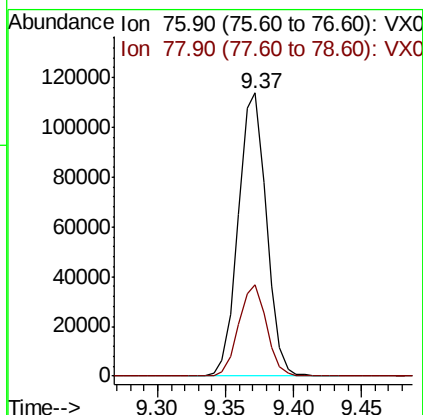
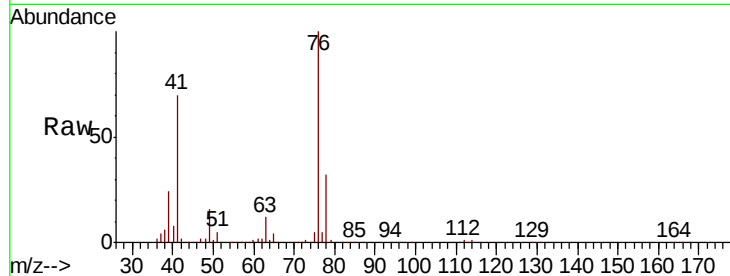




#57
 1,3-Dichloropropane
 Concen: 49.078 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX009999.D
 Acq: 31 May 2019 21:27

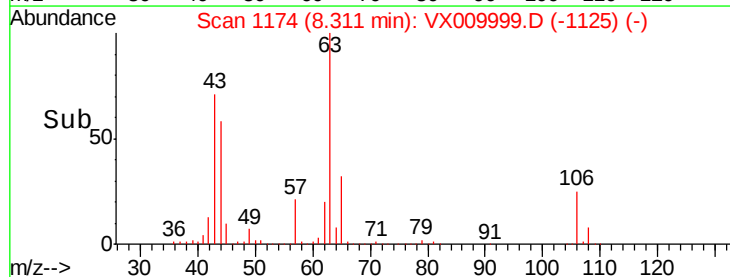
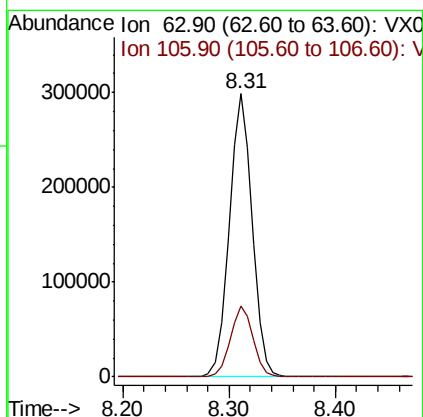
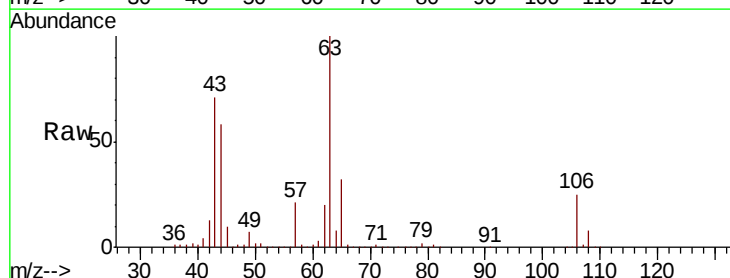
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

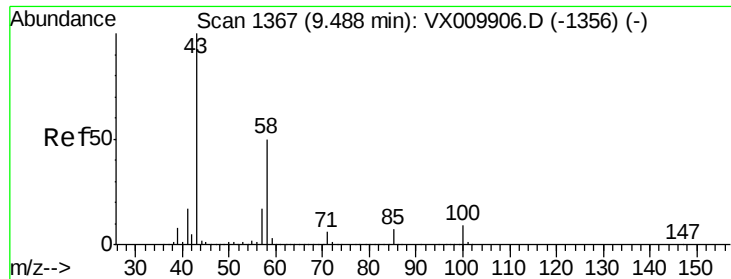
Tot Ion: 76 Resp: 164623
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.4 38.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 258.164 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX009999.D
 Acq: 31 May 2019 21:27

Tgt Ion: 63 Resp: 450149
 Ion Ratio Lower Upper
 63 100
 106 24.8 19.4 29.2

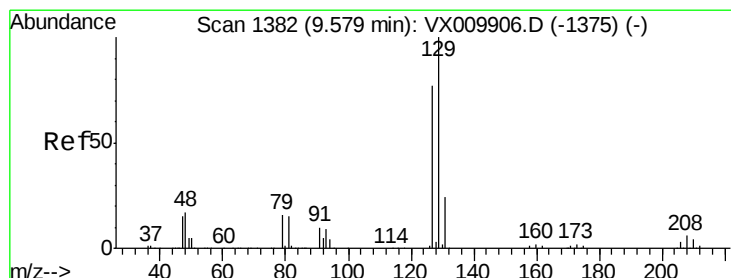
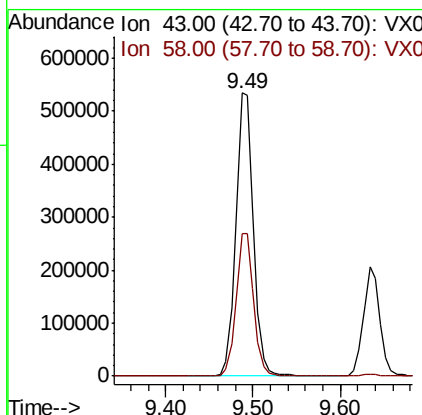
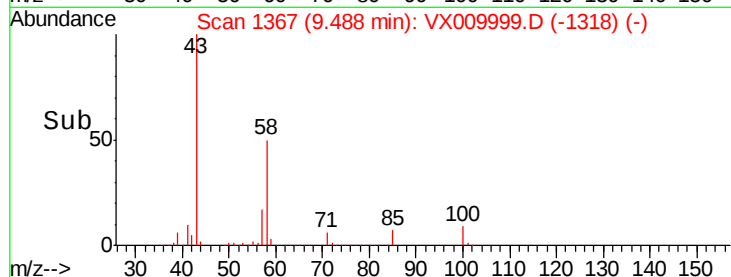
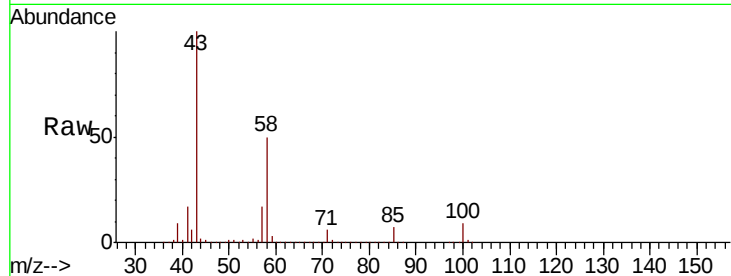




#59
2-Hexanone
Concen: 259.412 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX009999.D
Acq: 31 May 2019 21:27

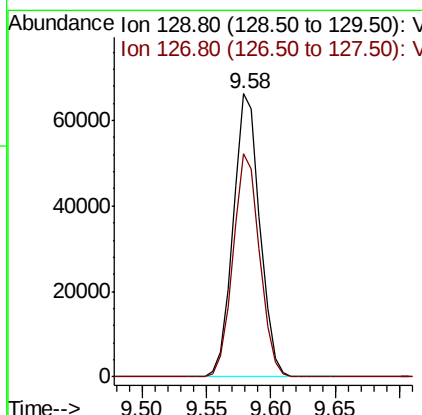
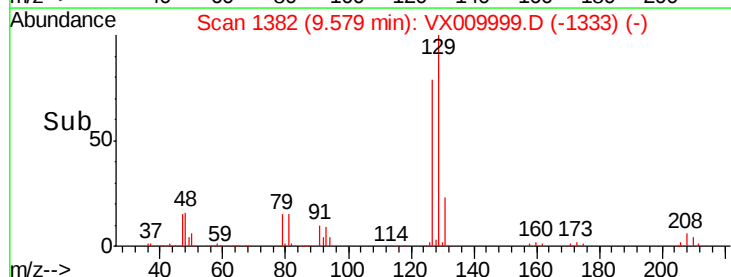
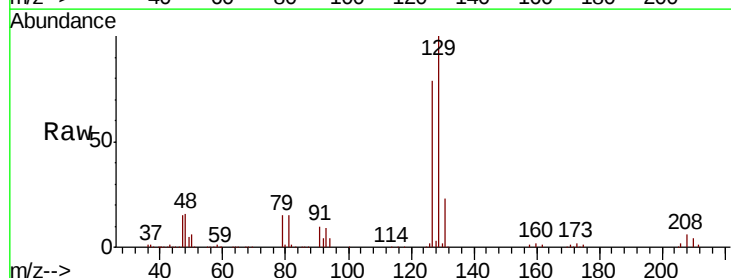
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

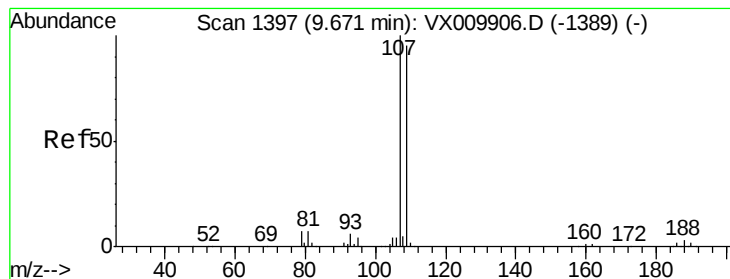
Tot Ion: 43 Resp: 752589
Ion Ratio Lower Upper
43 100
58 50.5 25.1 75.3



#60
Dibromochloromethane
Concen: 51.897 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX009999.D
Acq: 31 May 2019 21:27

Tgt Ion:129 Resp: 95351
Ion Ratio Lower Upper
129 100
127 79.1 38.5 115.5





#61

1,2-Dibromoethane

Concen: 50.557 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX009999.D

Acq: 31 May 2019 21:27

Instrument :

MSVOA_X

ClientSampleId :

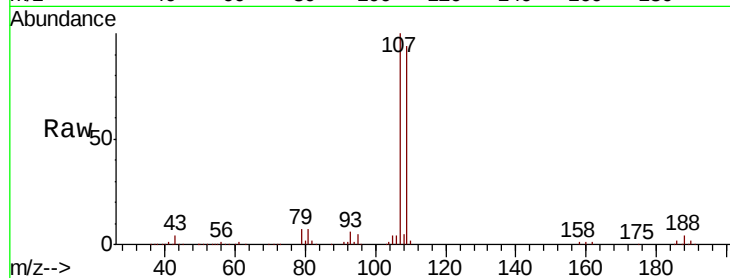
VSTDCCC050

Tot Ion:107 Resp: 97012

Ion Ratio Lower Upper

107 100

109 95.0 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

80000

60000

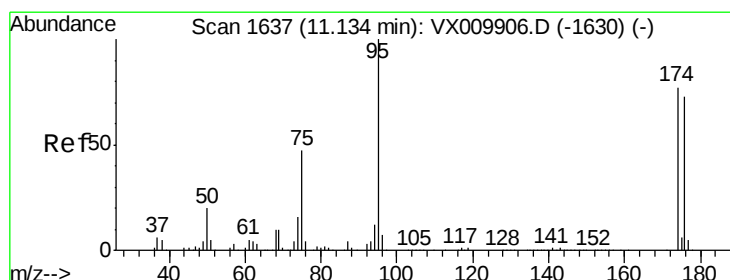
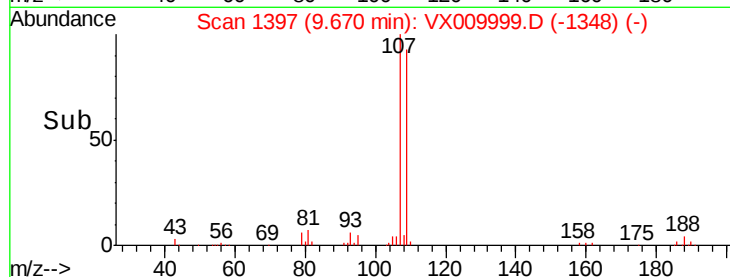
40000

20000

0

9.60 9.65 9.70 9.75 9.80

Time-->



#62

4-Bromofluorobenzene

Concen: 51.886 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009999.D

Acq: 31 May 2019 21:27

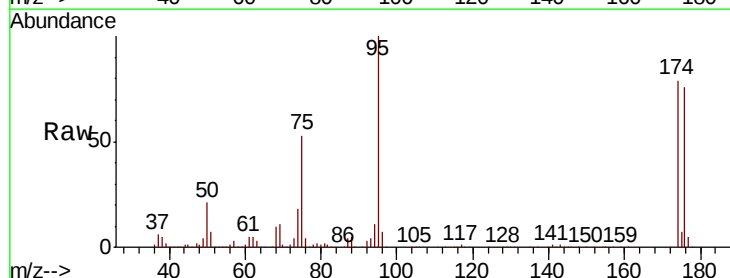
Tgt Ion: 95 Resp: 120822

Ion Ratio Lower Upper

95 100

174 83.8 0.0 160.4

176 81.3 0.0 154.6



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

120000

100000

80000

60000

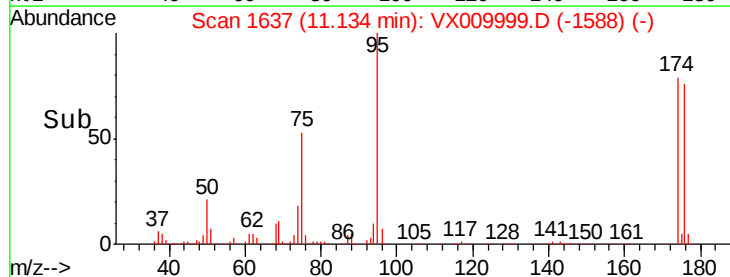
40000

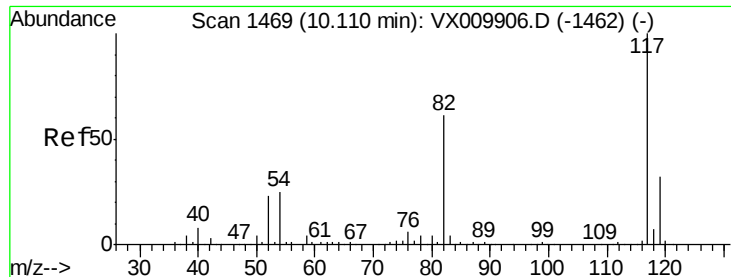
20000

0

11.10 11.20

Time-->

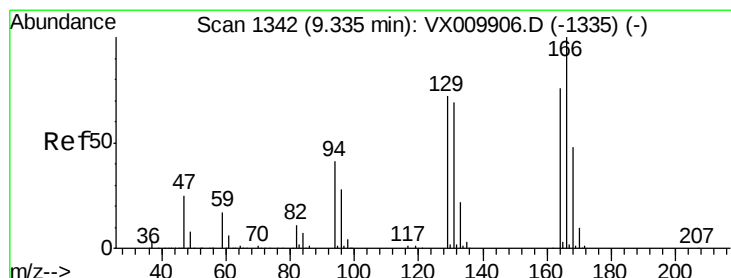
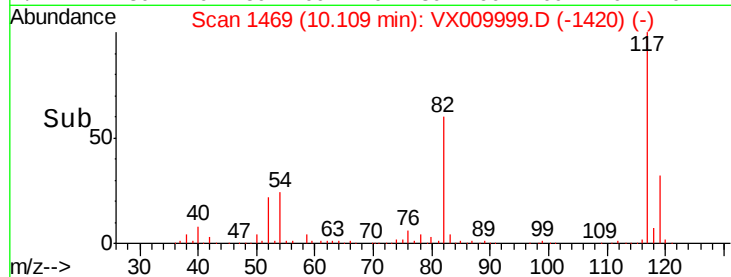
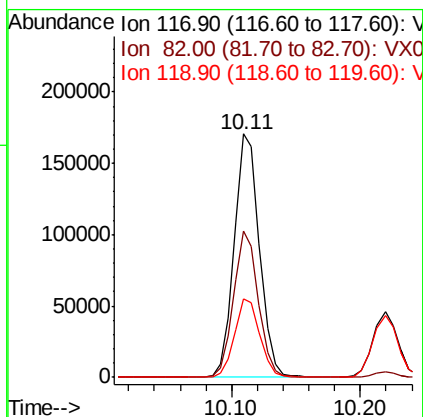
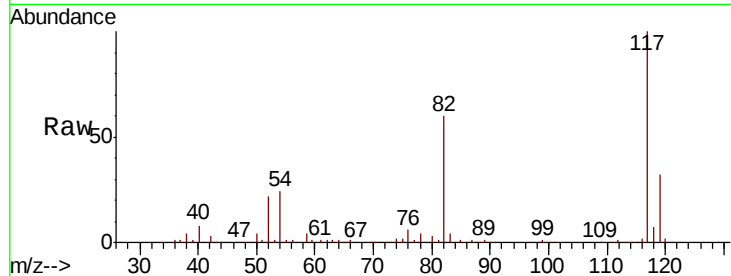




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009999.D
Acq: 31 May 2019 21:27

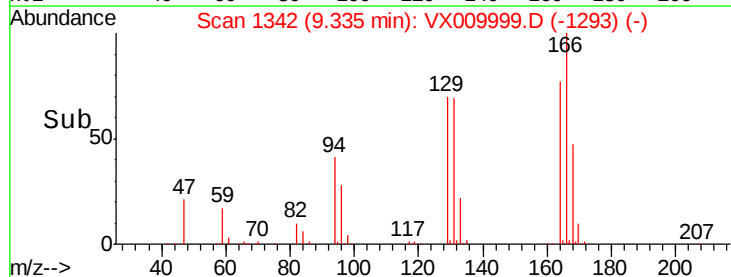
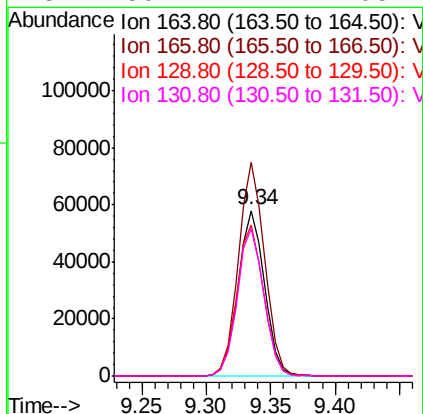
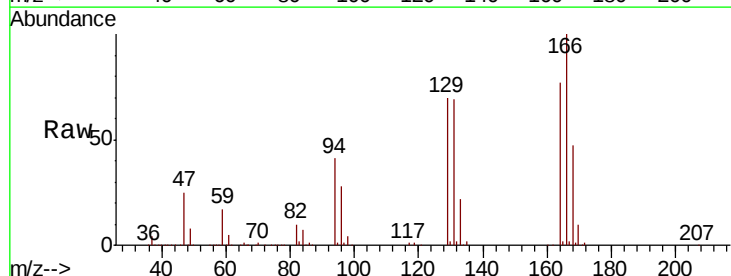
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

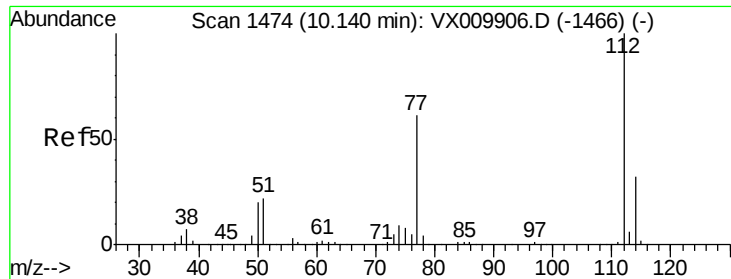
Tot Ion:117 Resp: 233141
Ion Ratio Lower Upper
117 100
82 59.9 49.2 73.8
119 32.1 25.2 37.8



#64
Tetrachloroethene
Concen: 50.479 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009999.D
Acq: 31 May 2019 21:27

Tgt Ion:164 Resp: 82204
Ion Ratio Lower Upper
164 100
166 129.2 105.0 157.4
129 91.0 75.1 112.7
131 89.2 72.2 108.4

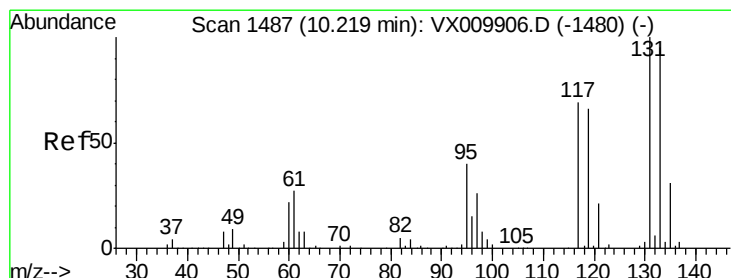
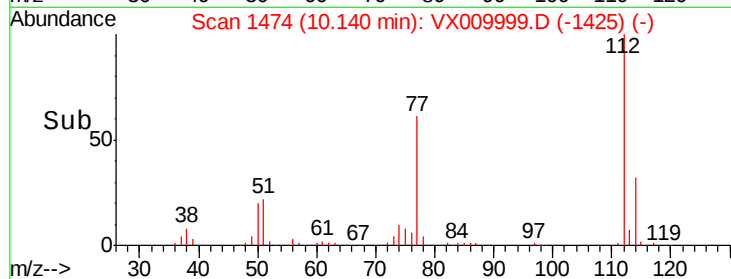
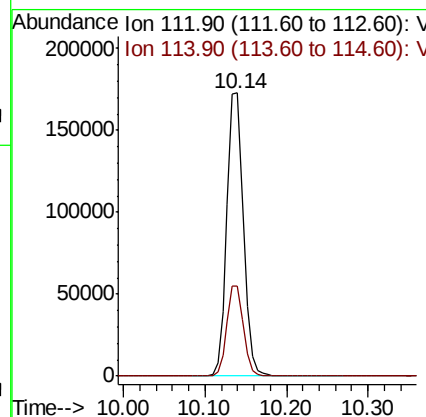
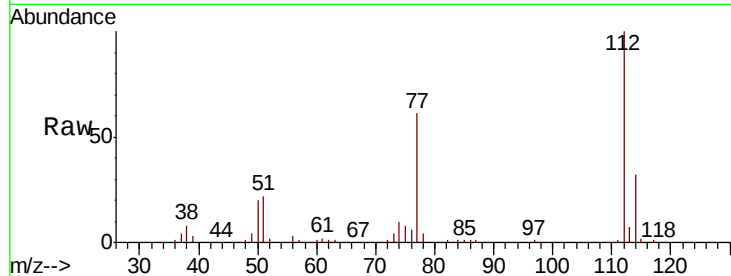




#65
Chlorobenzene
Concen: 50.277 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX009999.D
Acq: 31 May 2019 21:27

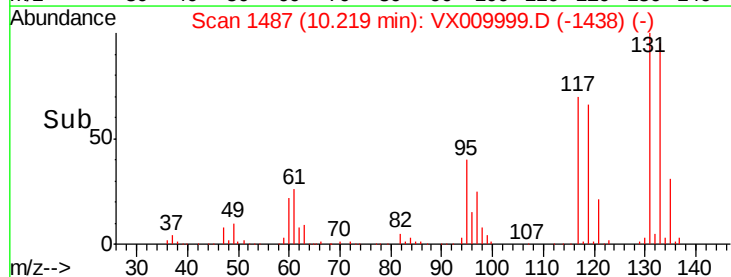
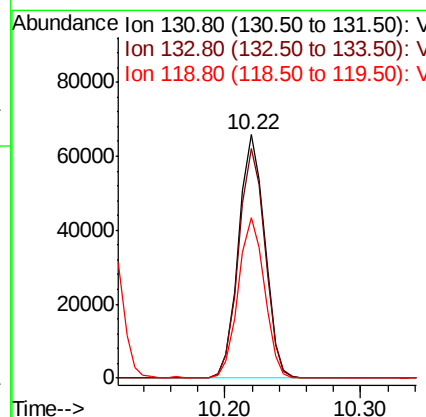
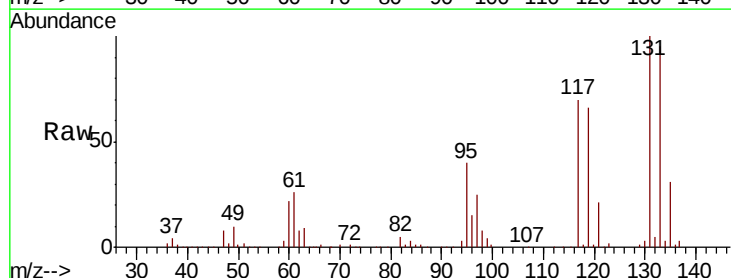
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

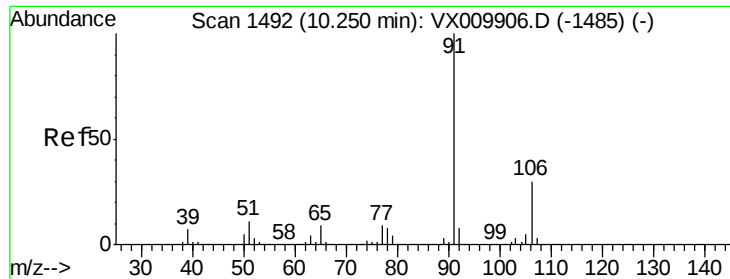
Tot Ion:112 Resp: 245393
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 52.336 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX009999.D
Acq: 31 May 2019 21:27

Tgt Ion:131 Resp: 88598
Ion Ratio Lower Upper
131 100
133 95.2 47.5 142.6
119 65.9 33.4 100.1

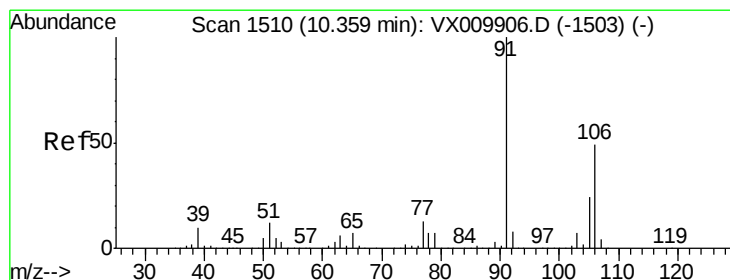
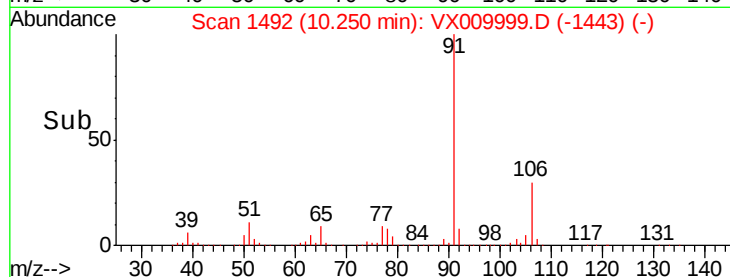
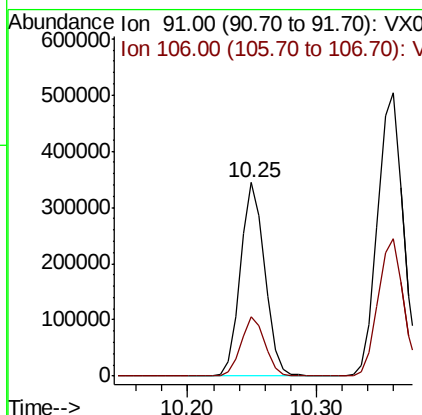
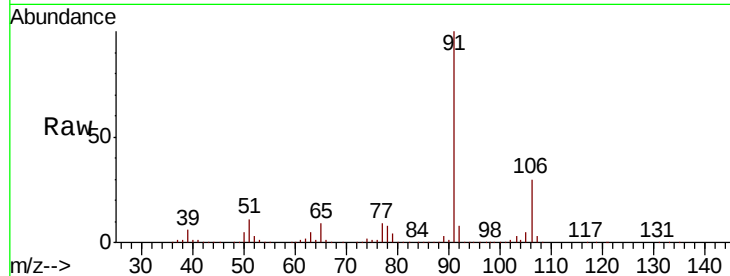




#67
Ethyl Benzene
Concen: 51.356 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX009999.D
Acq: 31 May 2019 21:27

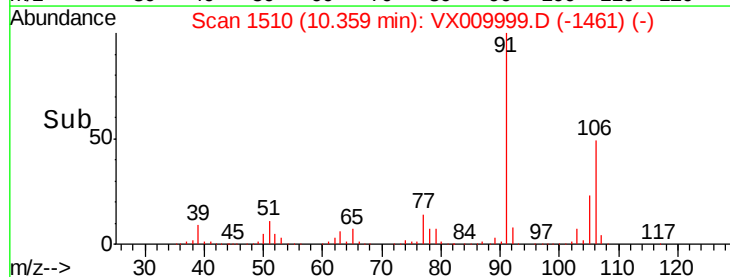
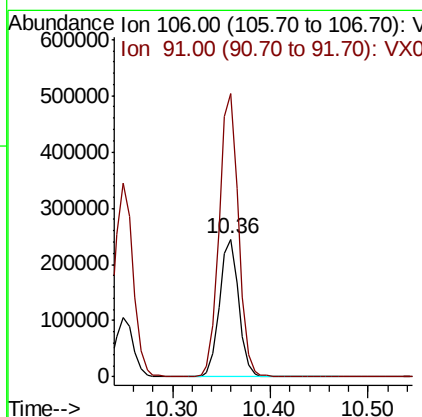
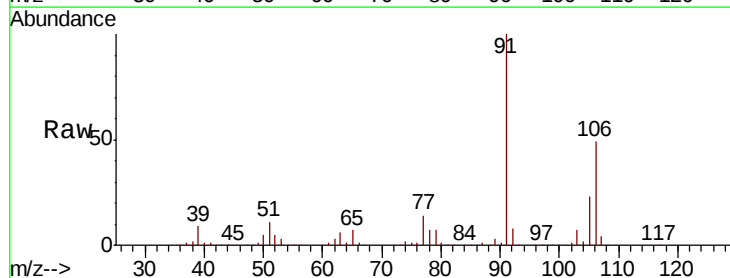
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

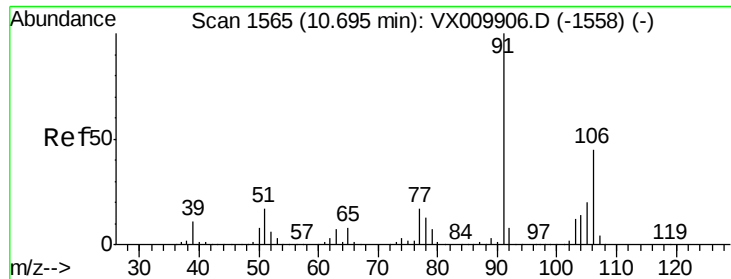
Tot Ion: 91 Resp: 450067
Ion Ratio Lower Upper
91 100
106 30.4 23.9 35.9



#68
m/p-Xylenes
Concen: 102.753 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX009999.D
Acq: 31 May 2019 21:27

Tgt Ion: 106 Resp: 332672
Ion Ratio Lower Upper
106 100
91 206.7 167.3 250.9

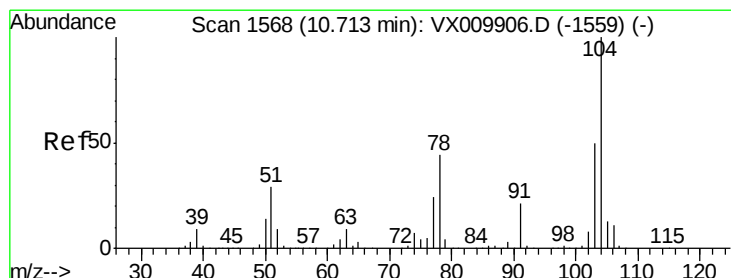
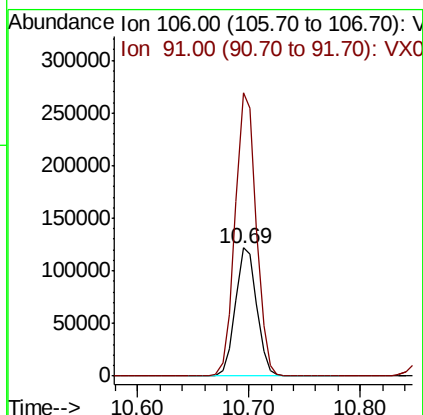
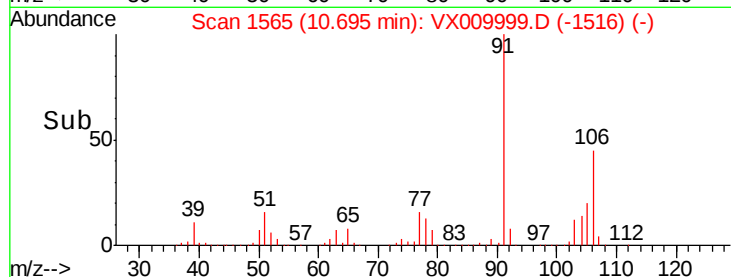
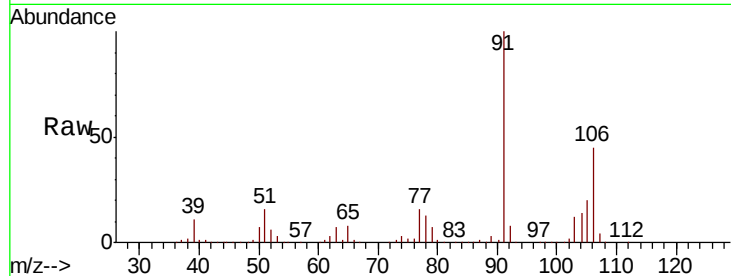




#69
o-Xylene
Concen: 52.022 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX009999.D
Acq: 31 May 2019 21:27

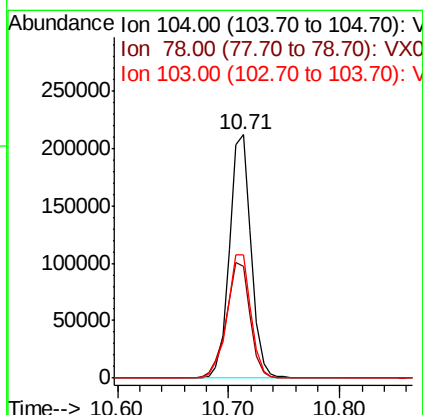
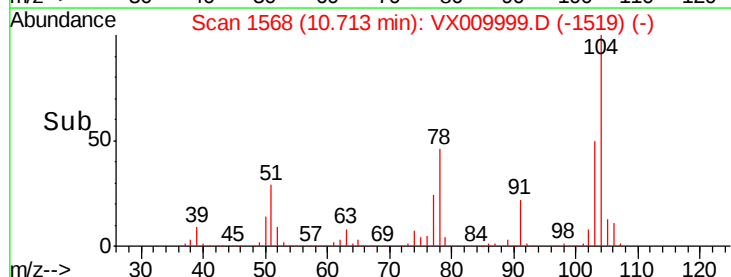
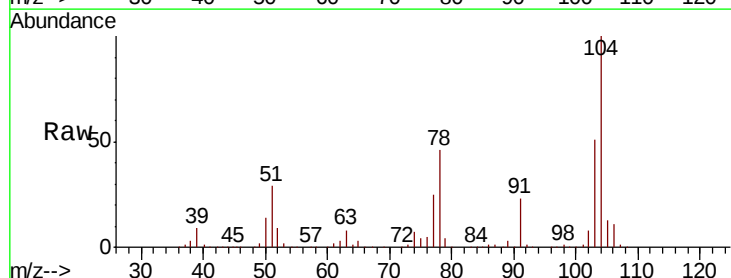
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

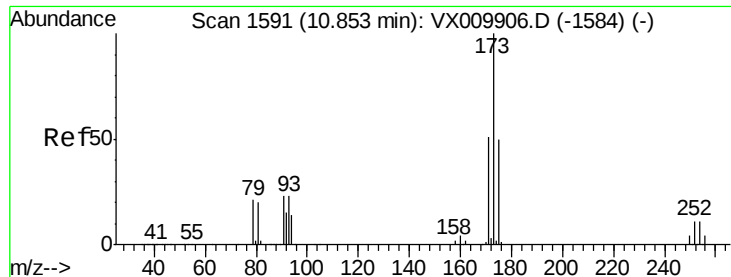
Tot Ion:106 Resp: 161529
Ion Ratio Lower Upper
106 100
91 219.3 110.4 331.2



#70
Styrene
Concen: 52.000 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX009999.D
Acq: 31 May 2019 21:27

Tgt Ion:104 Resp: 283119
Ion Ratio Lower Upper
104 100
78 52.5 42.1 63.1
103 55.6 44.1 66.1





#71

Bromoform

Concen: 55.018 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX009999.D

Acq: 31 May 2019 21:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

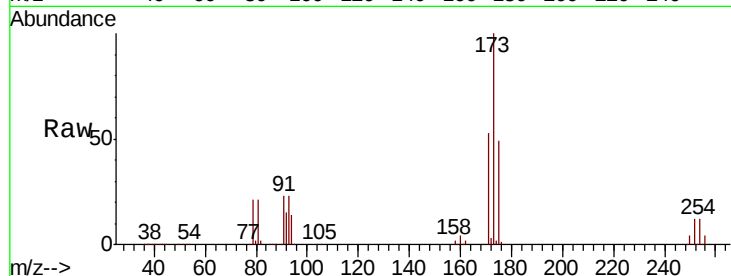
Tot Ion:173 Resp: 76132

Ion Ratio Lower Upper

173 100

175 48.7 25.0 75.0

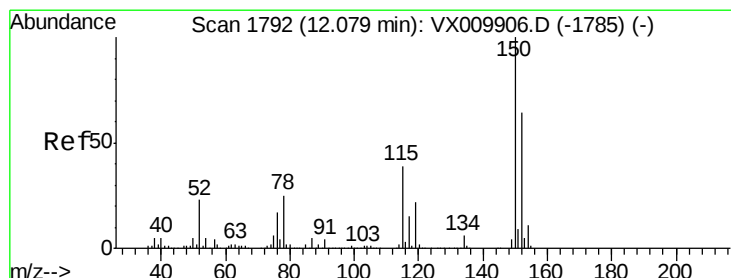
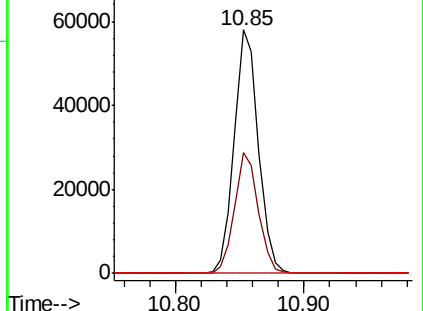
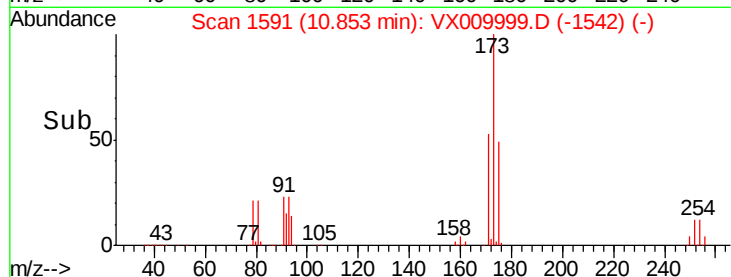
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX009999.D

Acq: 31 May 2019 21:27

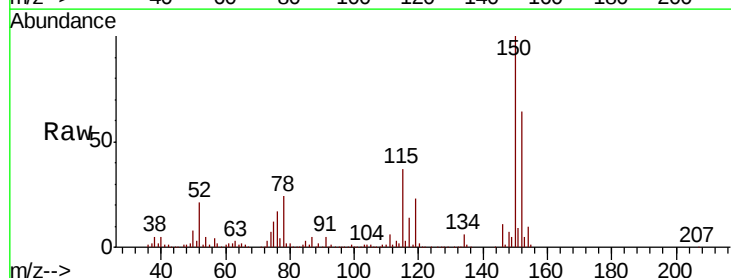
Tgt Ion:152 Resp: 118639

Ion Ratio Lower Upper

152 100

115 80.9 41.4 124.2

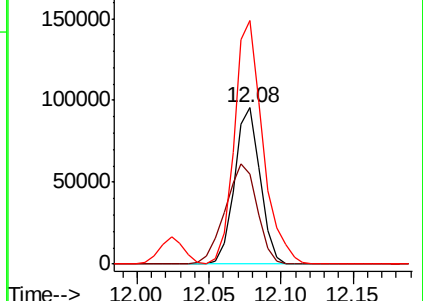
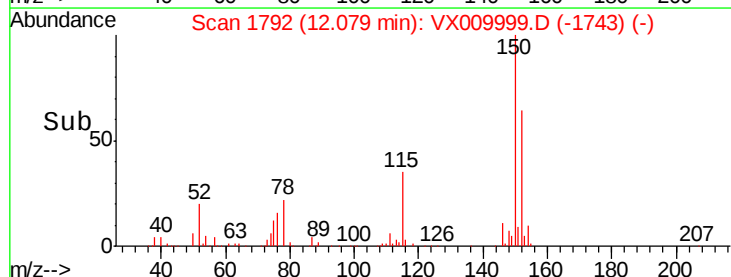
150 172.8 0.0 345.2

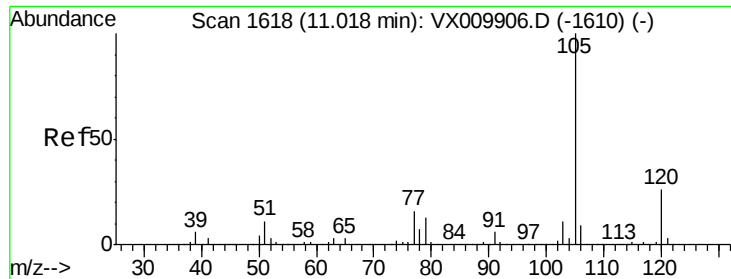


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.311 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009999.D

Acq: 31 May 2019 21:27

Instrument :

MSVOA_X

ClientSampleId :

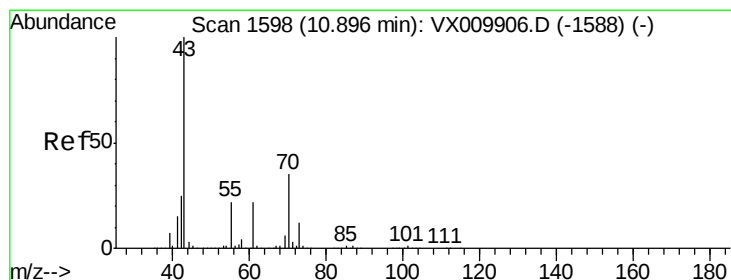
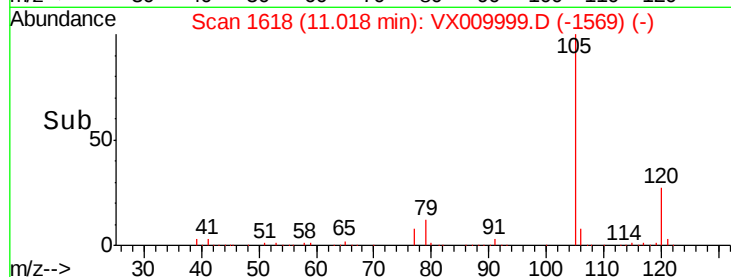
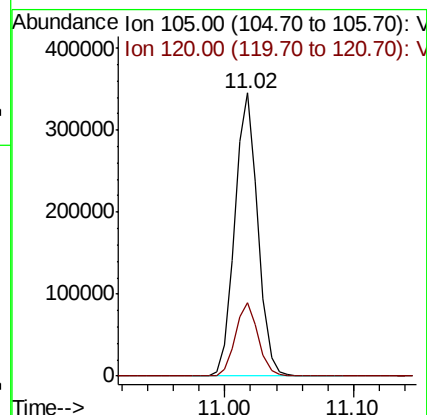
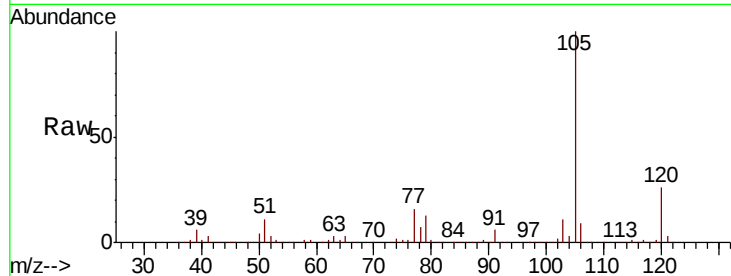
VSTDCCC050

Tot Ion:105 Resp: 431642

Ion Ratio Lower Upper

105 100

120 25.6 12.8 38.4



#74

N-ethyl acetate

Concen: 50.099 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX009999.D

Acq: 31 May 2019 21:27

Tgt Ion: 43 Resp: 262051

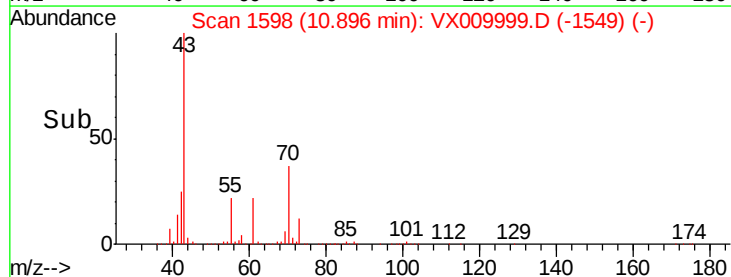
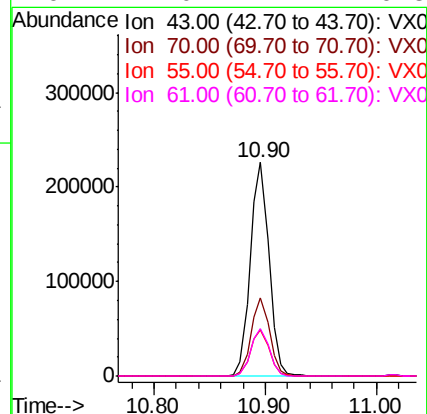
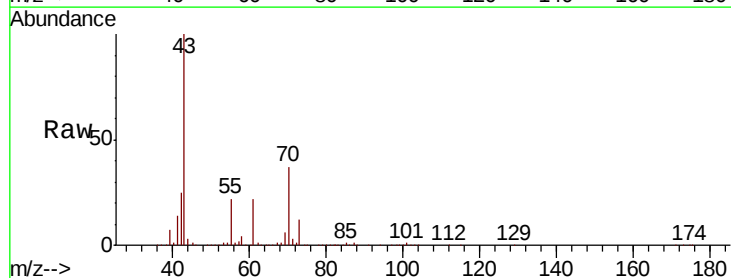
Ion Ratio Lower Upper

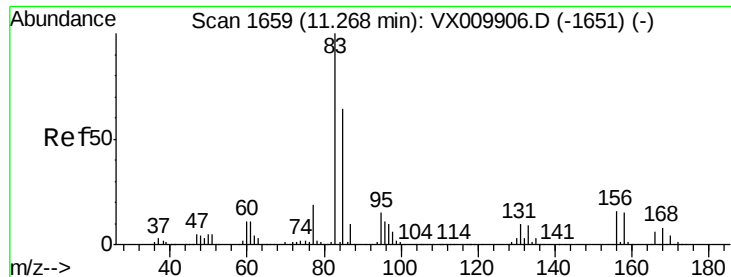
43 100

70 36.2 28.6 43.0

55 22.0 17.8 26.8

61 22.0 17.7 26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 48.628 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX009999.D

Acq: 31 May 2019 21:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

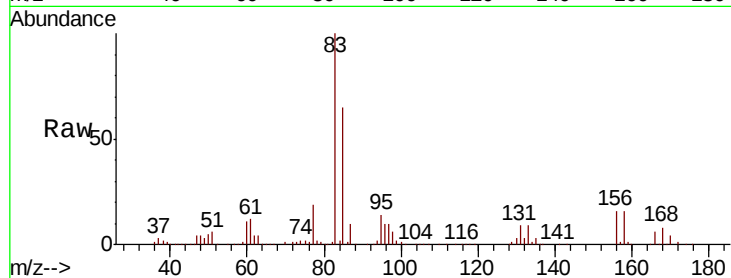
Tot Ion: 83 Resp: 158804

Ion Ratio Lower Upper

83 100

131 9.4 4.7 14.1

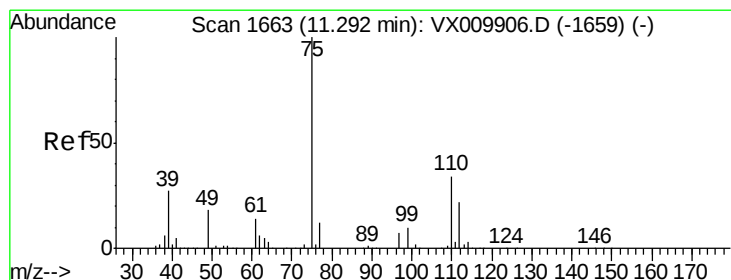
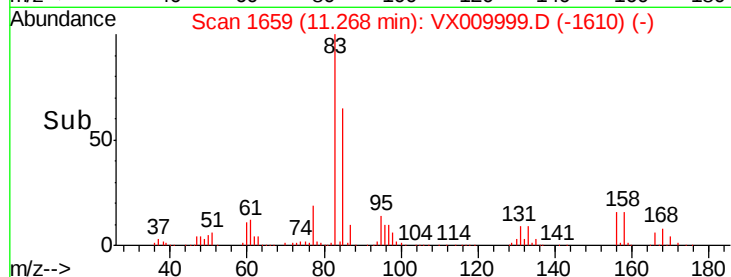
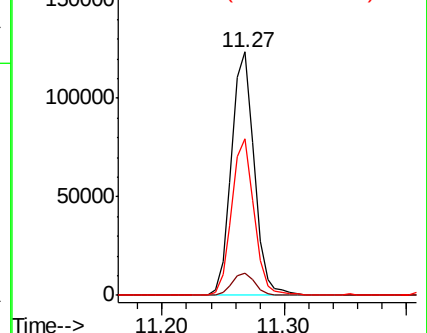
85 63.6 31.9 95.9



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: 66.897 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX009999.D

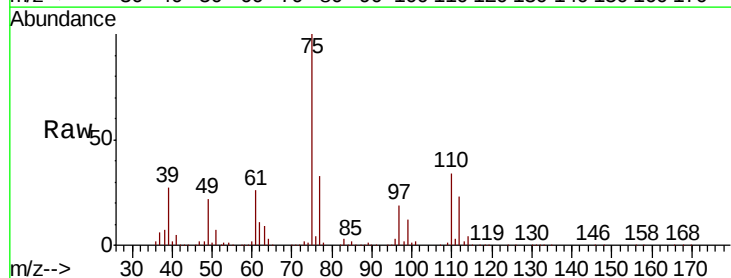
Acq: 31 May 2019 21:27

Tgt Ion: 75 Resp: 189790

Ion Ratio Lower Upper

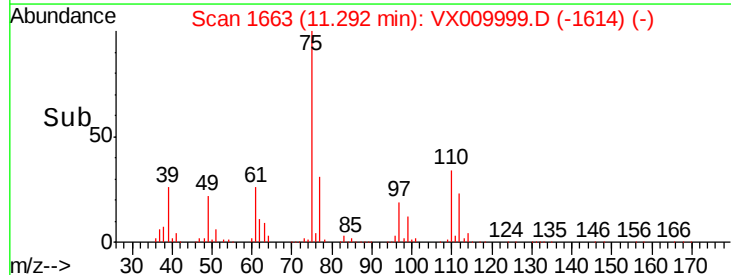
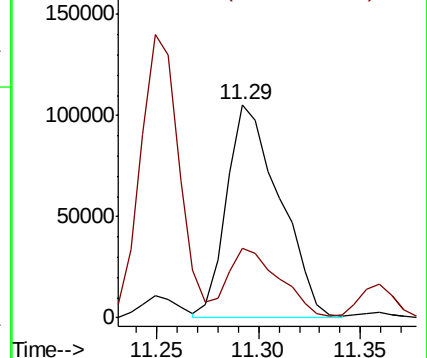
75 100

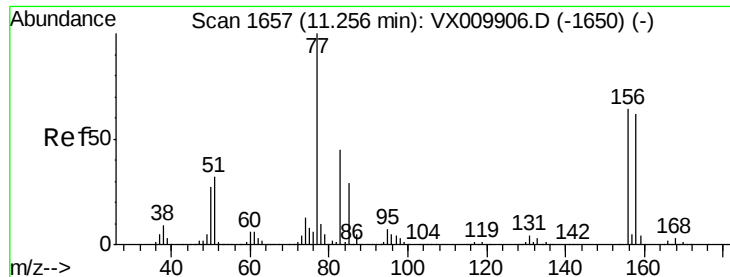
77 32.1 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.516 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX009999.D

Acq: 31 May 2019 21:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

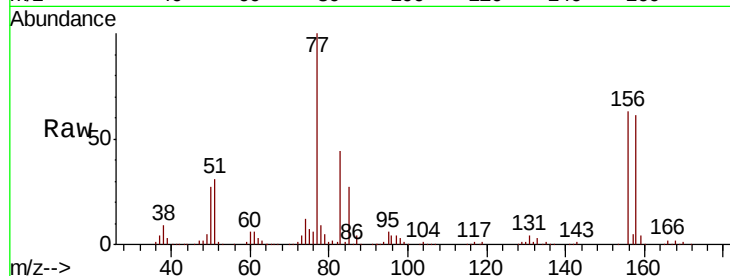
Tot Ion:156 Resp: 108228

Ion Ratio Lower Upper

156 100

77 169.3 86.8 260.3

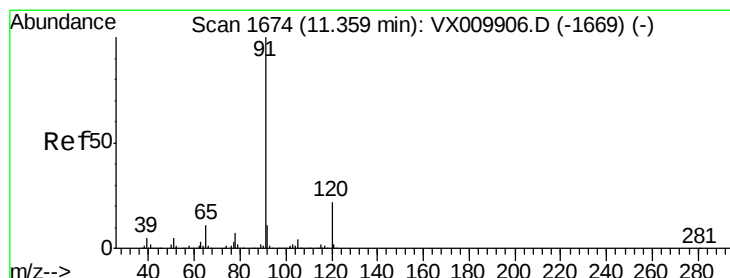
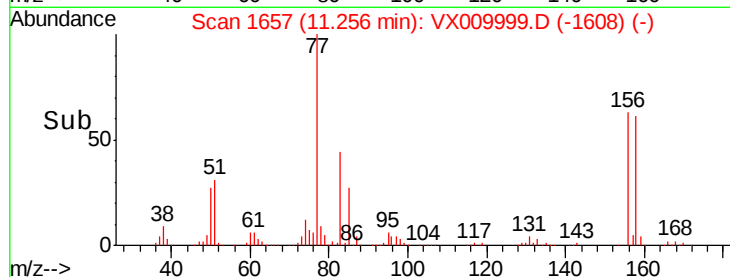
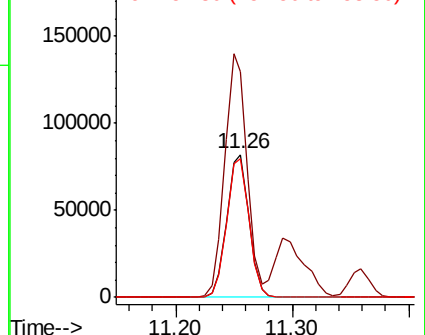
158 97.8 49.6 148.8



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: 49.331 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009999.D

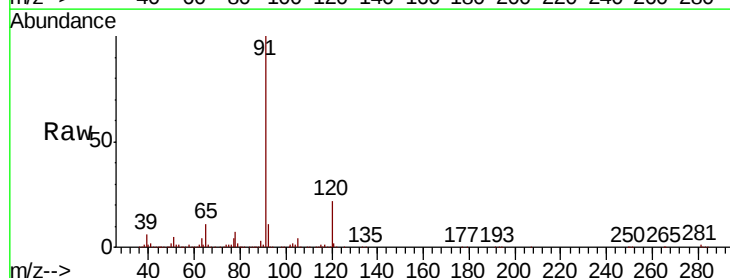
Acq: 31 May 2019 21:27

Tgt Ion: 91 Resp: 497740

Ion Ratio Lower Upper

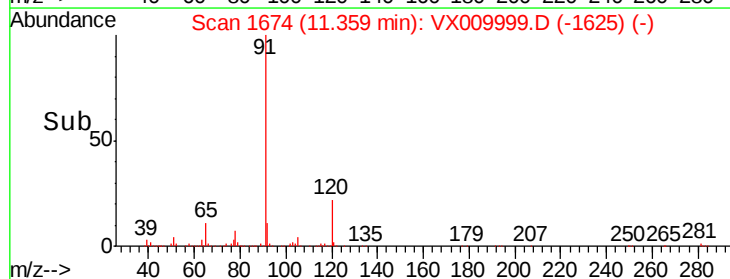
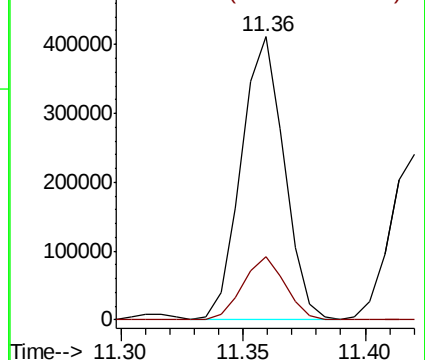
91 100

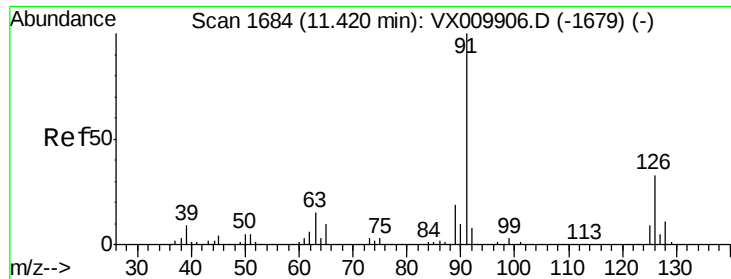
120 22.1 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.049 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX009999.D

Acq: 31 May 2019 21:27

Instrument :

MSVOA_X

ClientSampleId :

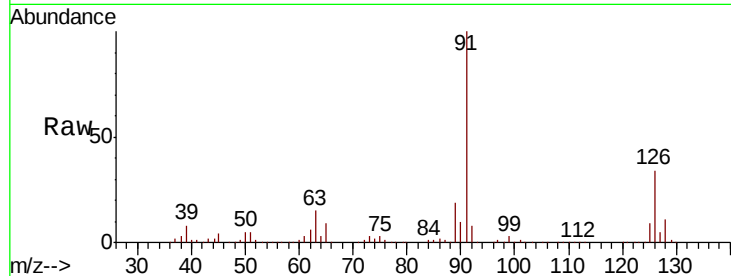
VSTDCCC050

Tot Ion: 91 Resp: 296201

Ion Ratio Lower Upper

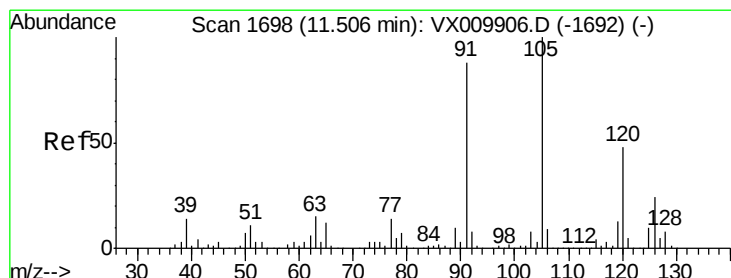
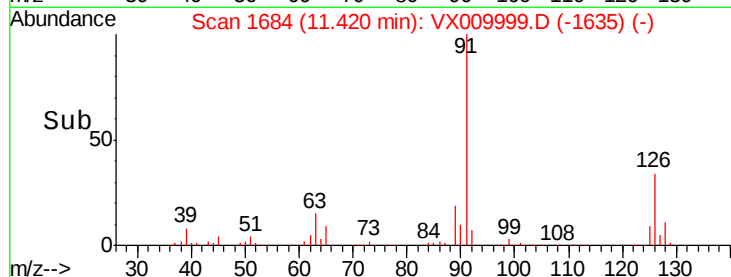
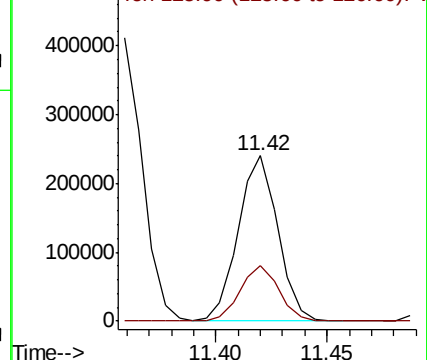
91 100

126 33.4 16.1 48.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 49.876 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009999.D

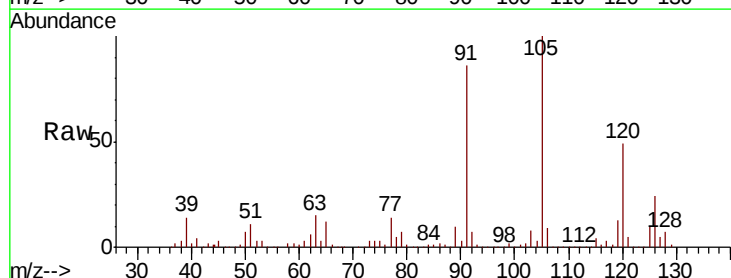
Acq: 31 May 2019 21:27

Tgt Ion:105 Resp: 367805

Ion Ratio Lower Upper

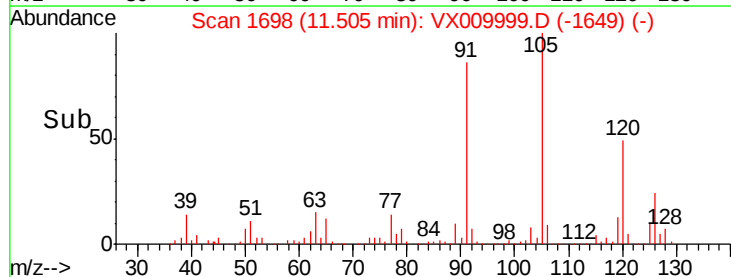
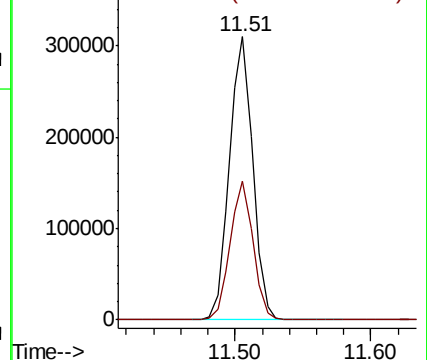
105 100

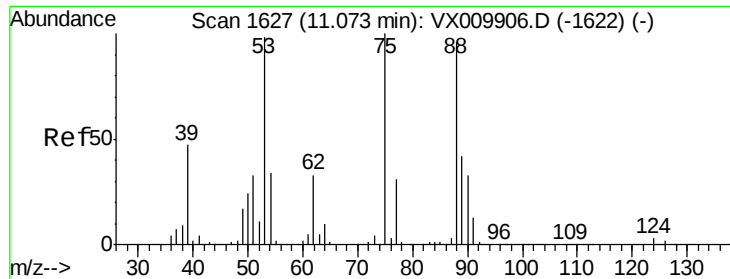
120 48.3 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 47.804 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX009999.D

Acq: 31 May 2019 21:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

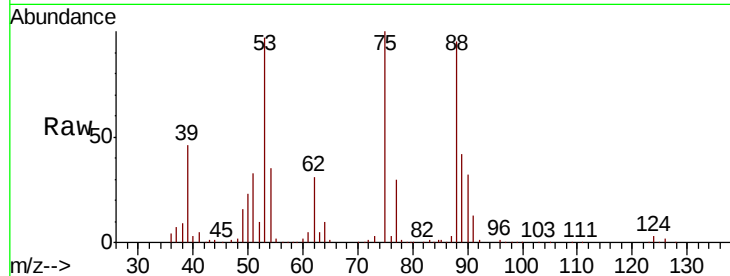
Tot Ion: 75 Resp: 54815

Ion Ratio Lower Upper

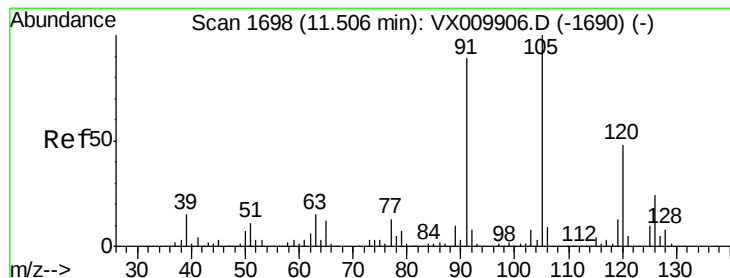
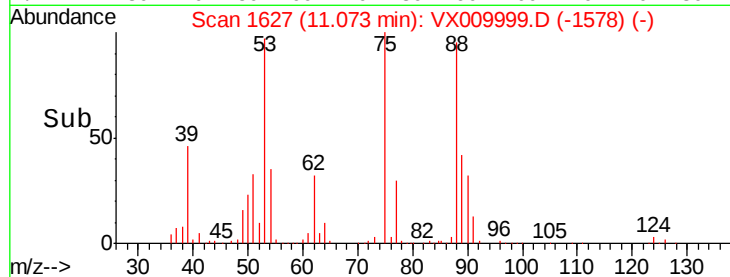
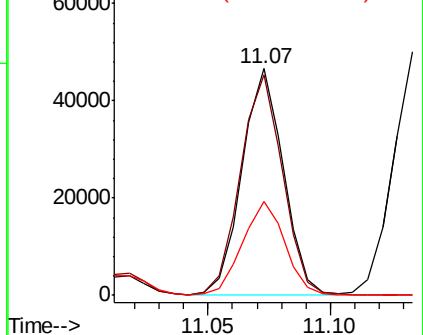
75 100

53 99.0 79.8 119.6

89 42.8 34.2 51.4



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



#82

4-Chlorotoluene

Concen: 48.054 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009999.D

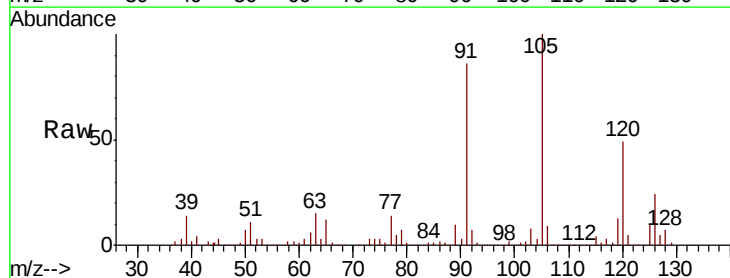
Acq: 31 May 2019 21:27

Tgt Ion: 91 Resp: 344846

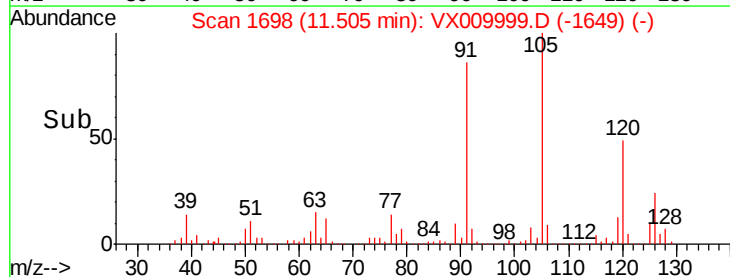
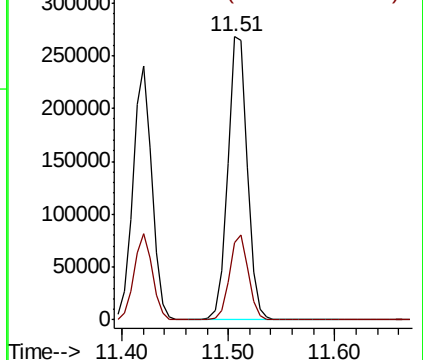
Ion Ratio Lower Upper

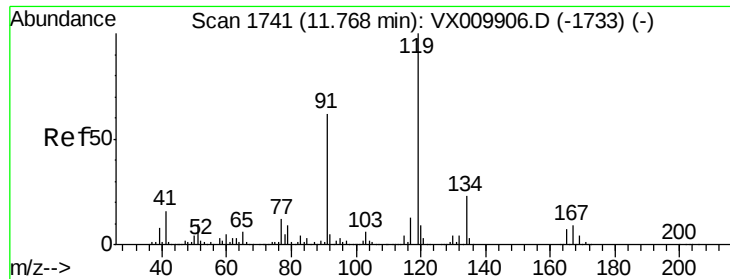
91 100

126 28.8 14.2 42.6



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

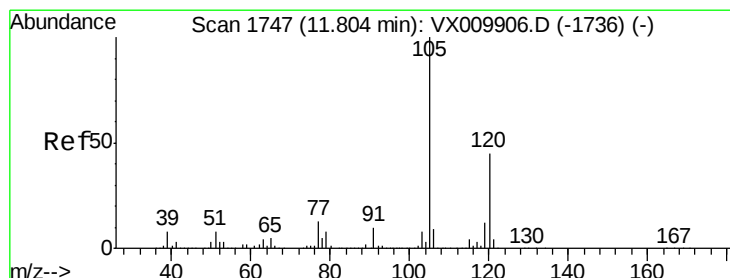
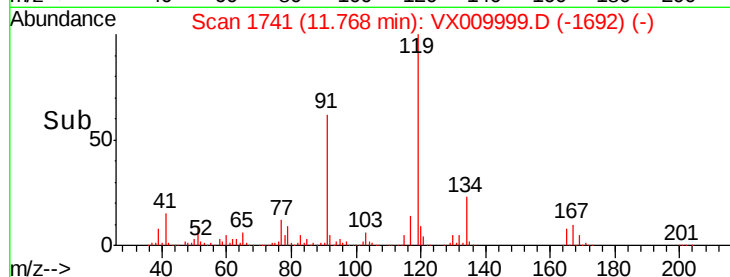
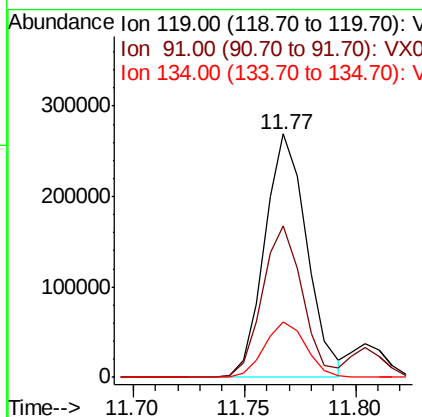
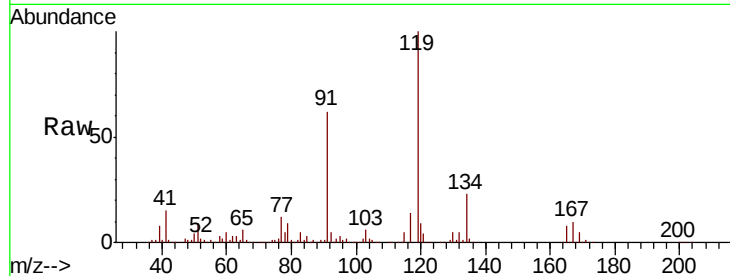




#83
 tert-Butylbenzene
 Concen: 50.155 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX009999.D
 Acq: 31 May 2019 21:27

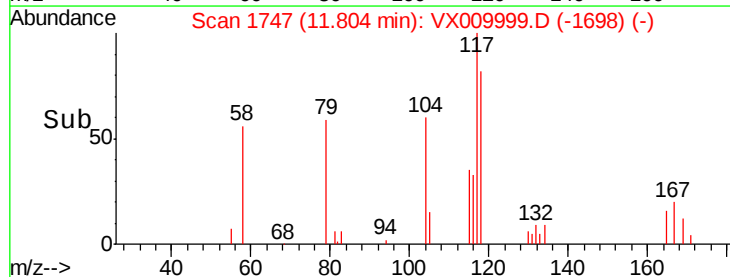
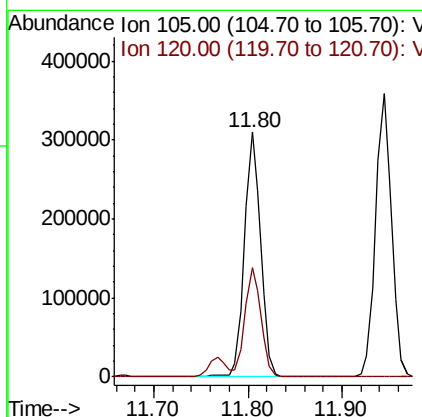
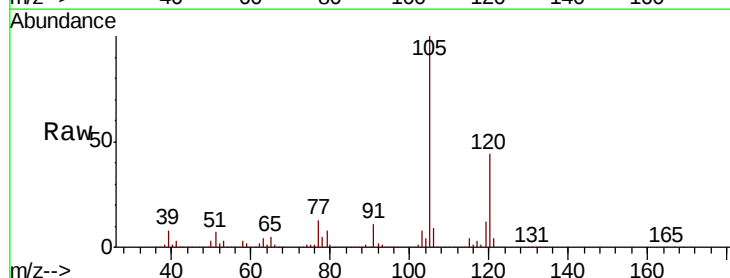
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

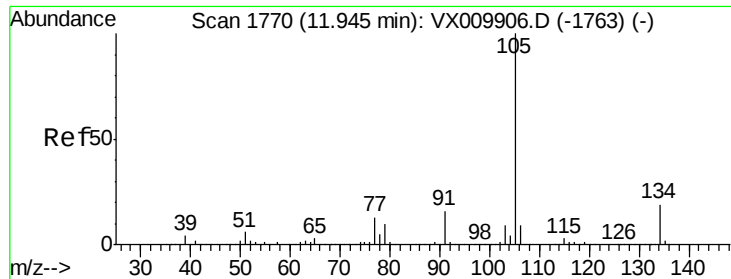
Tot Ion:119 Resp: 353853
 Ion Ratio Lower Upper
 119 100
 91 59.6 30.0 90.0
 134 22.4 11.2 33.5



#84
 1,2,4-Trimethylbenzene
 Concen: 49.258 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX009999.D
 Acq: 31 May 2019 21:27

Tgt Ion:105 Resp: 368897
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.1 66.1





#85

sec-Butylbenzene

Concen: 50.267 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX009999.D

Acq: 31 May 2019 21:27

Instrument :

MSVOA_X

ClientSampleId :

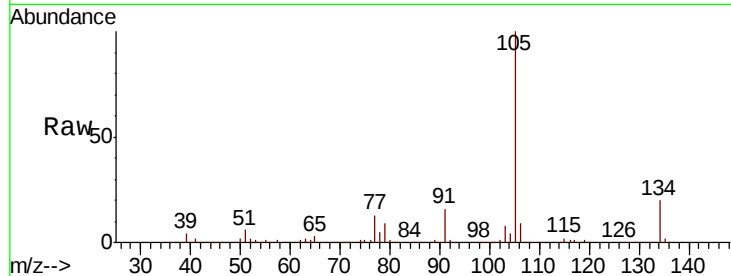
VSTDCCC050

Tot Ion:105 Resp: 421913

Ion Ratio Lower Upper

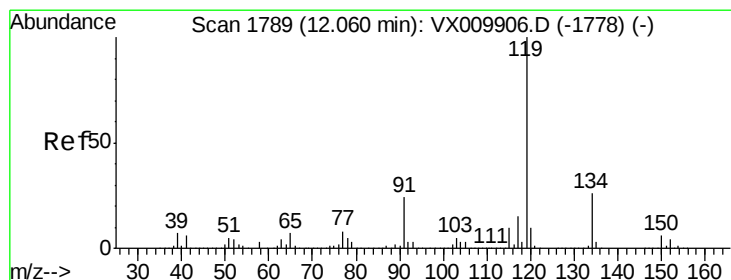
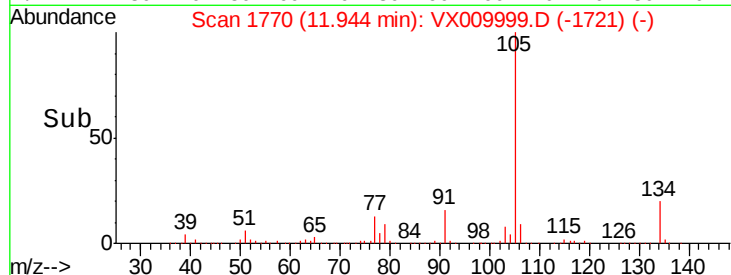
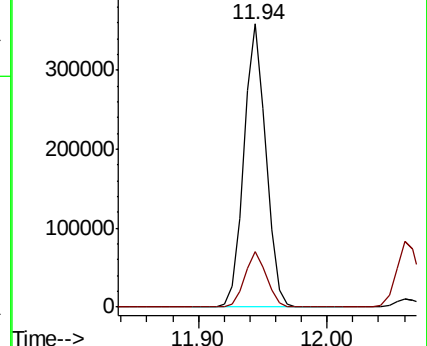
105 100

134 19.3 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.884 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX009999.D

Acq: 31 May 2019 21:27

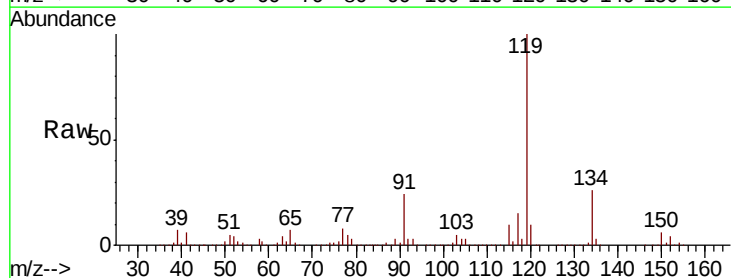
Tgt Ion:119 Resp: 384154

Ion Ratio Lower Upper

119 100

134 25.9 12.9 38.6

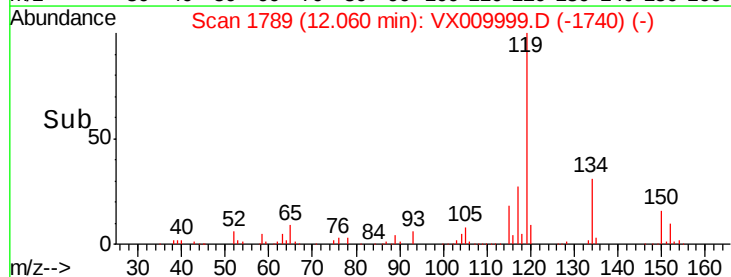
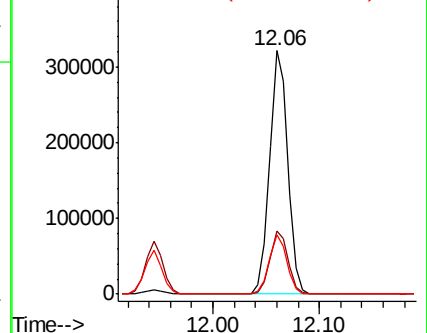
91 23.9 11.9 35.9

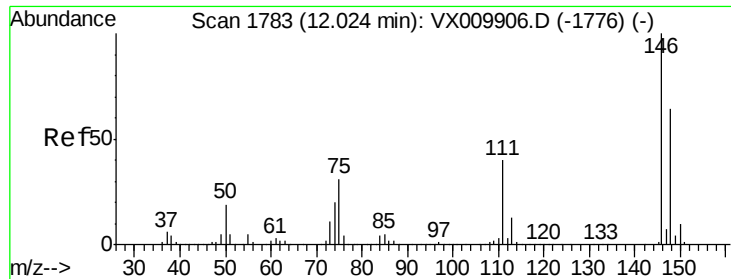


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

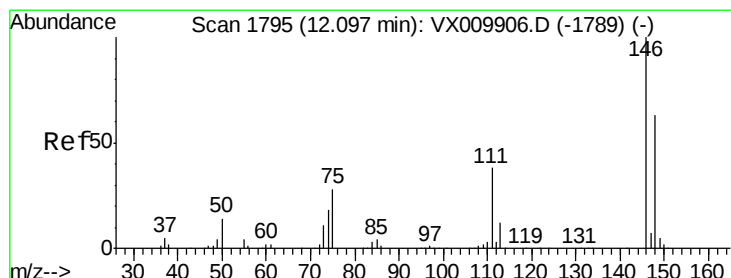
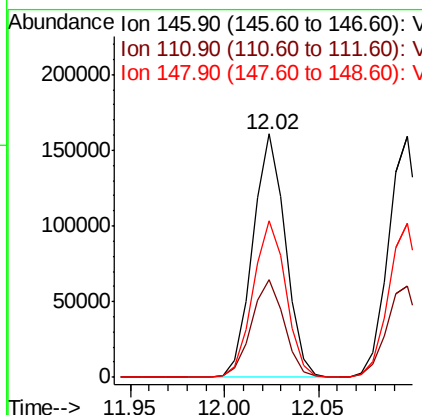
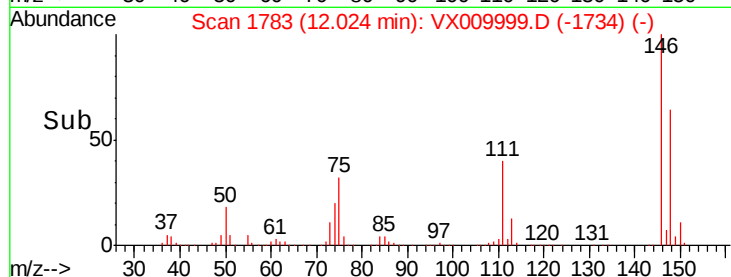
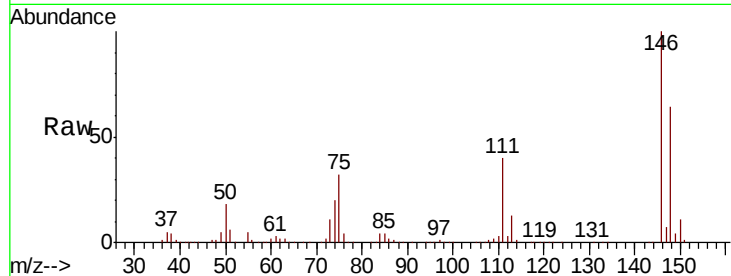




#87
 1,3-Dichlorobenzene
 Concen: 48.444 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX009999.D
 Acq: 31 May 2019 21:27

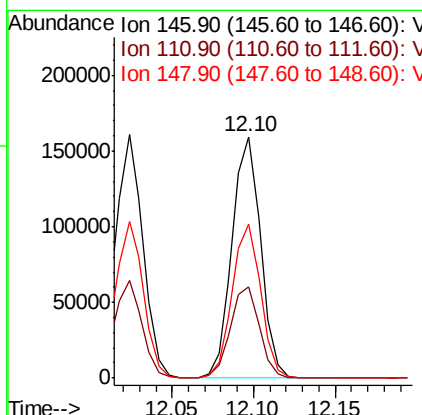
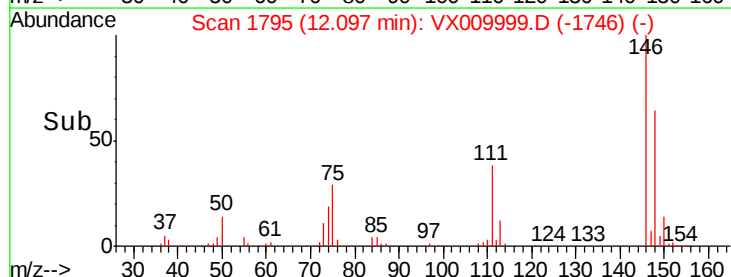
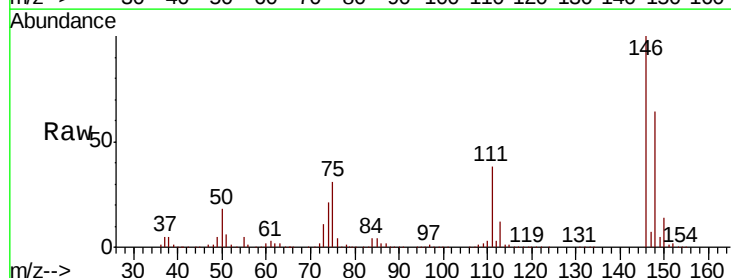
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

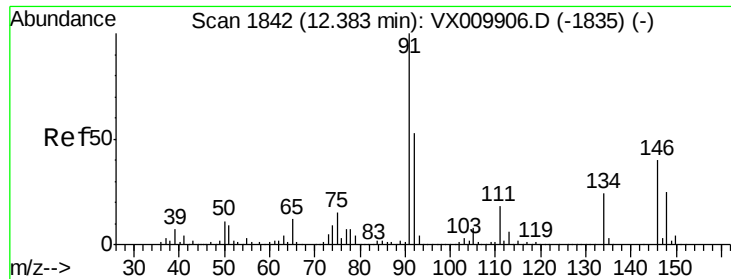
Tot Ion:146 Resp: 192398
 Ion Ratio Lower Upper
 146 100
 111 40.3 20.1 60.2
 148 64.8 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 48.025 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX009999.D
 Acq: 31 May 2019 21:27

Tgt Ion:146 Resp: 194516
 Ion Ratio Lower Upper
 146 100
 111 38.9 20.0 59.9
 148 63.5 32.3 96.9

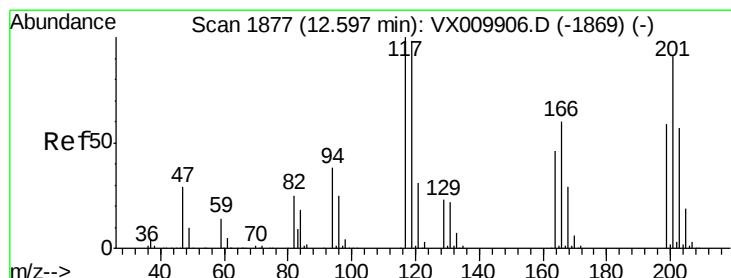
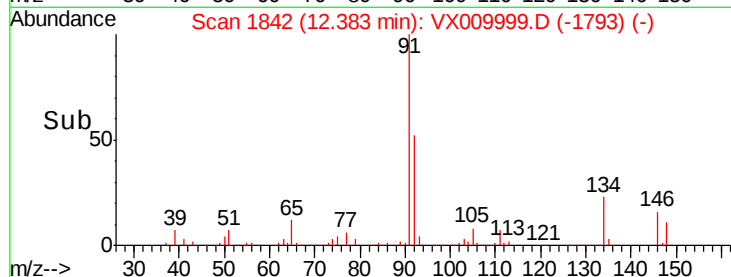
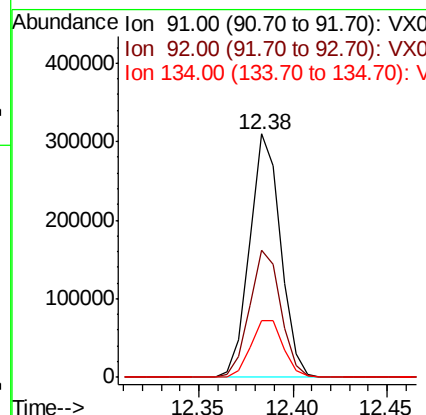
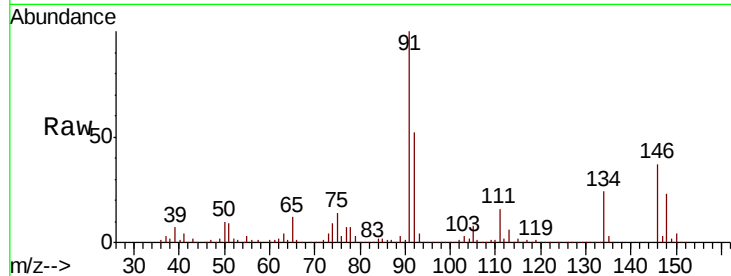




#89
n-Butylbenzene
Concen: 49.745 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX009999.D
Acq: 31 May 2019 21:27

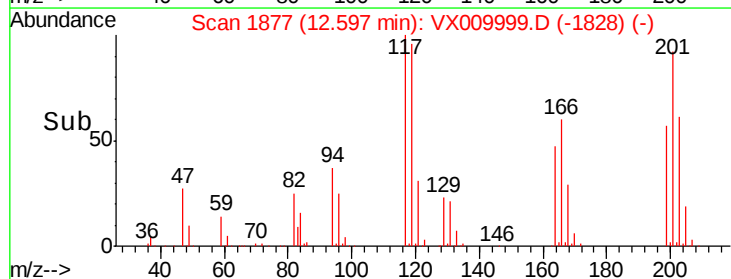
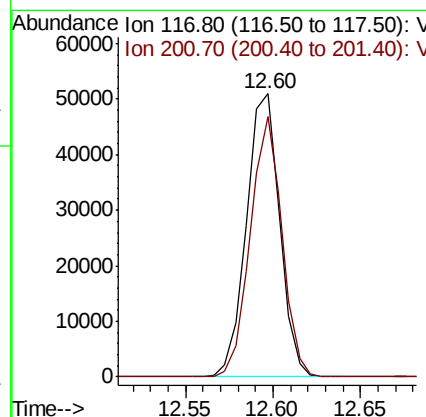
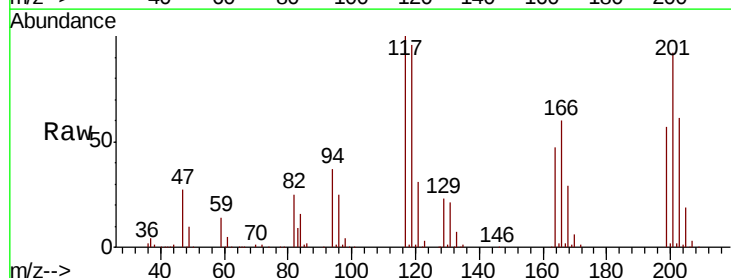
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

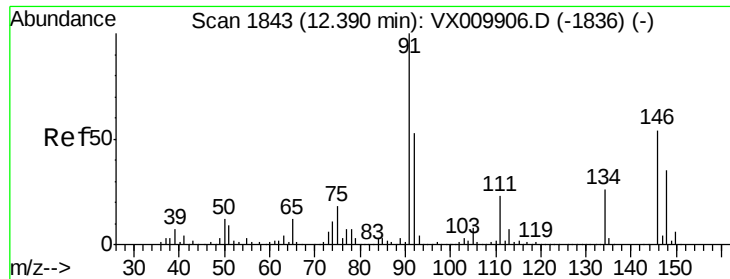
Tot Ion: 91 Resp: 352939
Ion Ratio Lower Upper
91 100
92 53.1 26.3 78.8
134 24.8 12.3 36.8



#90
Hexachloroethane
Concen: 51.906 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX009999.D
Acq: 31 May 2019 21:27

Tgt Ion: 117 Resp: 67250
Ion Ratio Lower Upper
117 100
201 87.3 43.6 130.9

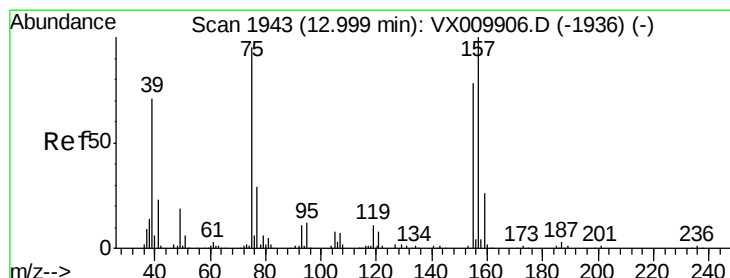
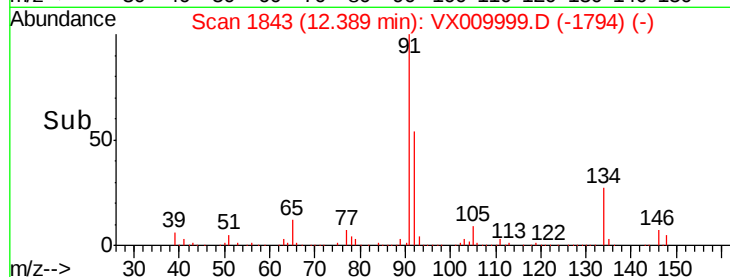
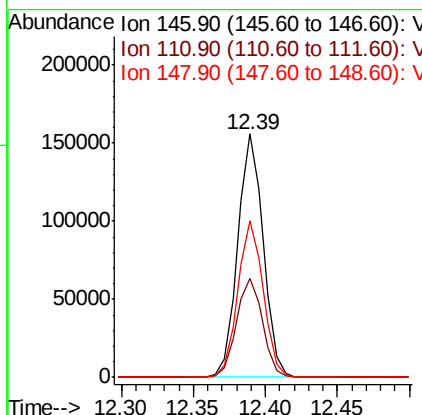
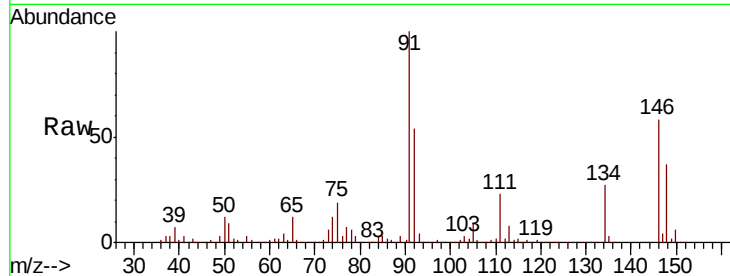




#91
 1,2-Dichlorobenzene
 Concen: 48.922 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX009999.D
 Acq: 31 May 2019 21:27

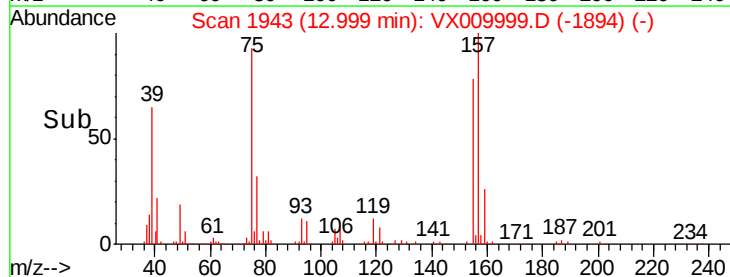
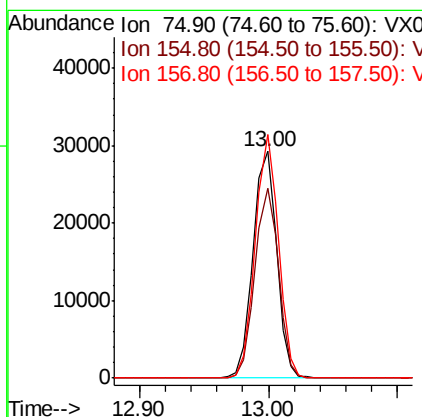
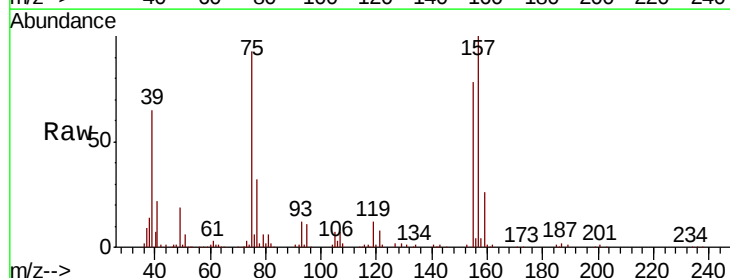
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

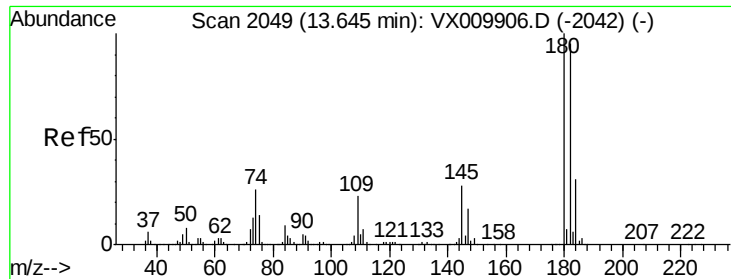
Tot Ion:146 Resp: 191560
 Ion Ratio Lower Upper
 146 100
 111 41.4 21.1 63.1
 148 64.0 32.3 96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.820 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX009999.D
 Acq: 31 May 2019 21:27

Tgt Ion: 75 Resp: 36759
 Ion Ratio Lower Upper
 75 100
 155 83.9 39.3 117.8
 157 105.4 50.6 151.8

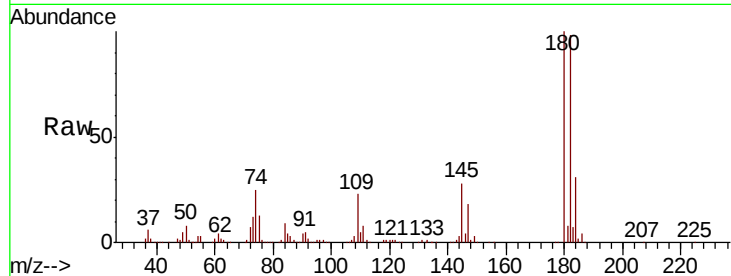




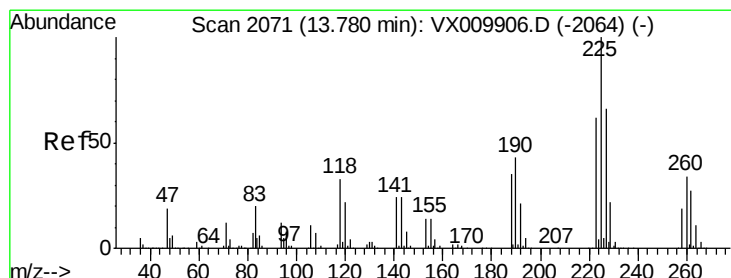
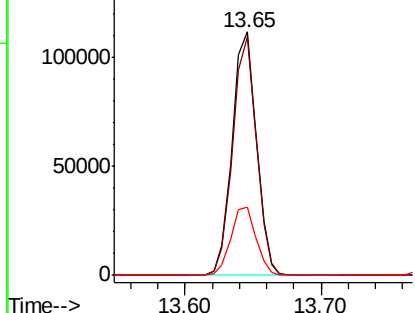
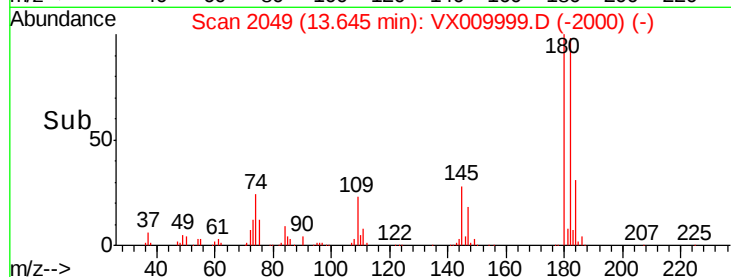
#93
 1,2,4-Trichlorobenzene
 Concen: 49.757 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX009999.D
 Acq: 31 May 2019 21:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:180 Resp: 139229
 Ion Ratio Lower Upper
 180 100
 182 95.9 47.4 142.2
 145 28.9 14.5 43.5

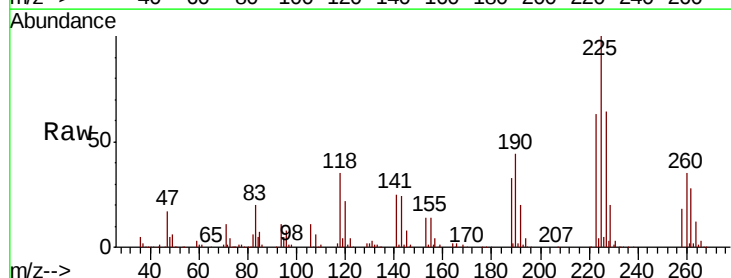


Abundance Ion 179.80 (179.50 to 180.50): V
 150000 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

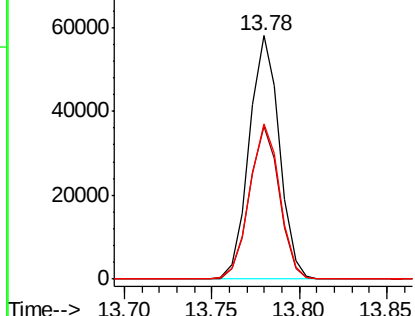
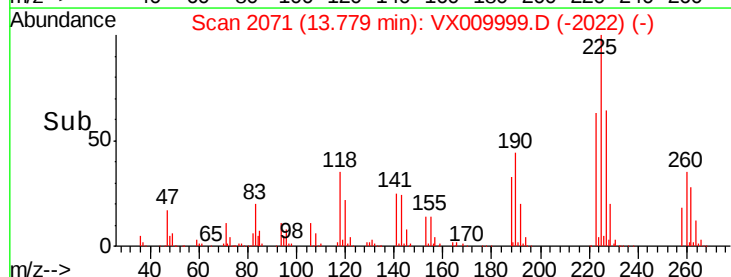


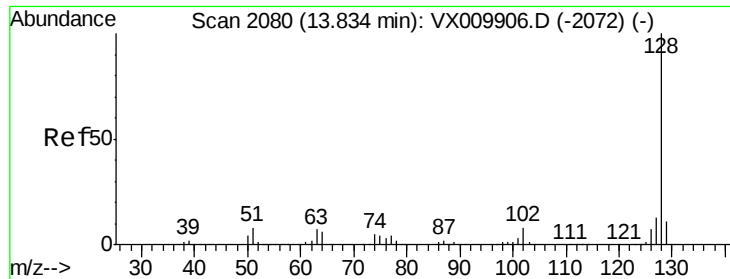
#94
 Hexachlorobutadiene
 Concen: 49.482 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX009999.D
 Acq: 31 May 2019 21:27

Tgt Ion:225 Resp: 69449
 Ion Ratio Lower Upper
 225 100
 223 62.6 31.3 93.8
 227 63.7 32.3 96.8



Abundance Ion 224.70 (224.40 to 225.40): V
 80000 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 51.376 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX009999.D

Acq: 31 May 2019 21:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

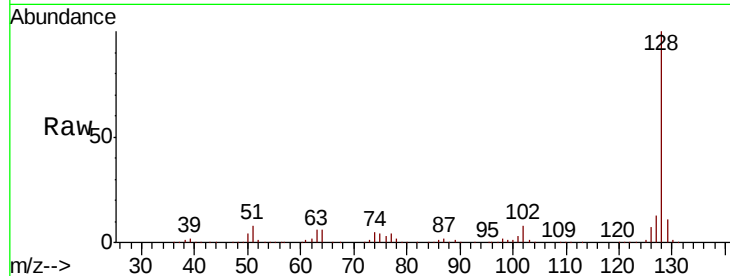
Tot Ion:128 Resp: 447368

Ion Ratio Lower Upper

128 100

127 13.2 10.6 16.0

129 10.9 8.8 13.2

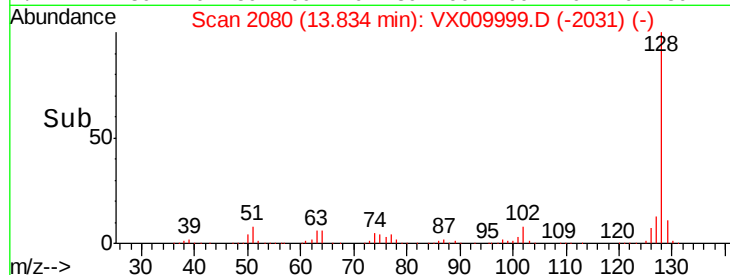


Abundance Ion 128.00 (127.70 to 128.70): V

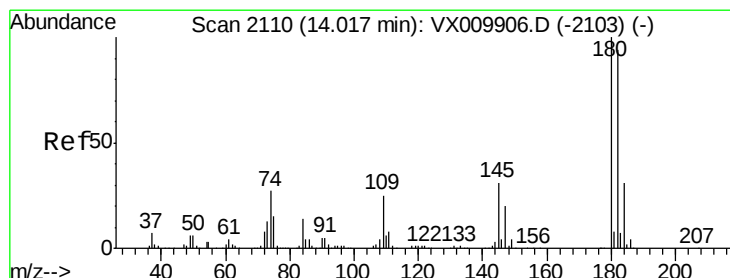
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

13.83



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 49.487 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX009999.D

Acq: 31 May 2019 21:27

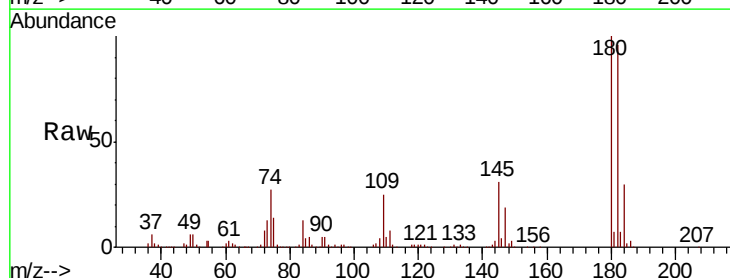
Tgt Ion:180 Resp: 138611

Ion Ratio Lower Upper

180 100

182 96.1 47.3 142.0

145 30.9 15.6 46.7

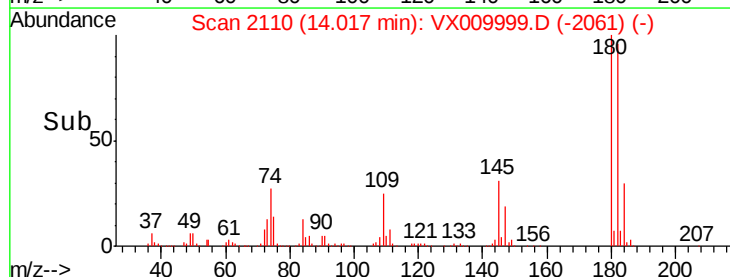


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

14.02



Time-->