

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX053119\
 Data File : VX009973.D
 Acq On : 31 May 2019 09:36
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: May 31 09:55:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 28 13:02:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	182032	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	285811	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	257647	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	128470	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	113600	44.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.36%	
35) Dibromofluoromethane	5.49	113	81626	45.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.86%	
50) Toluene-d8	8.71	98	335337	45.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.92%	
62) 4-Bromofluorobenzene	11.13	95	121945	46.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	122014	54.853	ug/l	98
3) Chloromethane	1.32	50	133583	44.671	ug/l	99
4) Vinyl Chloride	1.41	62	130514	48.415	ug/l	97
5) Bromomethane	1.64	94	69435	42.512	ug/l	98
6) Chloroethane	1.71	64	73216	44.120	ug/l	100
7) Trichlorofluoromethane	1.92	101	144364	48.462	ug/l	99
8) Diethyl Ether	2.19	74	61593	43.999	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	85834	47.725	ug/l	98
10) Methyl Iodide	2.51	142	85838	39.610	ug/l	99
11) Tert butyl alcohol	3.05	59	137494	217.275	ug/l	99
12) 1,1-Dichloroethene	2.37	96	85460	46.358	ug/l	98
13) Acrolein	2.29	56	96981	219.059	ug/l	100
14) Allyl chloride	2.73	41	217785	48.606	ug/l	98
15) Acrylonitrile	3.14	53	351210	230.341	ug/l	99
16) Acetone	2.45	43	366335	246.579	ug/l	97
17) Carbon Disulfide	2.57	76	261136	46.806	ug/l	99
18) Methyl Acetate	2.77	43	161940	46.845	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	334011	47.991	ug/l	99
20) Methylene Chloride	2.85	84	104524	45.942	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	94832	46.232	ug/l	99
22) Diisopropyl ether	3.85	45	420528	49.327	ug/l	98
23) Vinyl Acetate	3.81	43	1894882	247.419	ug/l	98
24) 1,1-Dichloroethane	3.70	63	198832	48.126	ug/l	100
25) 2-Butanone	4.67	43	562468	243.003	ug/l	96
26) 2,2-Dichloropropane	4.58	77	155145	49.642	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	108453	45.804	ug/l	96
28) Bromochloromethane	5.01	49	92083	42.950	ug/l	96
29) Tetrahydrofuran	5.13	42	346298	233.307	ug/l	96
30) Chloroform	5.21	83	176517	47.374	ug/l	98
31) Cyclohexane	5.57	56	198973	50.849	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	151064	49.783	ug/l	98
36) 1,1-Dichloropropene	5.79	75	143128	49.356	ug/l	99
37) Ethyl Acetate	4.83	43	201250	49.807	ug/l	98
38) Carbon Tetrachloride	5.78	117	127708	50.963	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	180047	52.343	ug/l	97
40) Benzene	6.14	78	423129	49.187	ug/l	100
41) Methacrylonitrile	5.04	41	112485	47.642	ug/l	98
42) 1,2-Dichloroethane	6.19	62	154757	48.662	ug/l	99
43) Isopropyl Acetate	6.44	43	317913	48.762	ug/l	98
44) Trichloroethene	7.21	130	100318	48.010	ug/l	95
45) 1,2-Dichloropropane	7.51	63	120581	48.694	ug/l	99
46) Dibromomethane	7.66	93	68625	47.080	ug/l	100
47) Bromodichloromethane	7.90	83	140848	50.814	ug/l	98
48) Methyl methacrylate	7.77	41	163092	50.532	ug/l	97
49) 1,4-Dioxane	7.74	88	54354	905.381	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	1014772	239.267	ug/l	98
52) Toluene	8.78	92	260079	49.794	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	167335	50.337	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	183098	50.552	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	102386	48.704	ug/l	98
56) Ethyl methacrylate	9.18	69	190138	50.804	ug/l	95
57) 1,3-Dichloropropane	9.37	76	183244	48.537	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	552188	281.367	ug/l	99
59) 2-Hexanone	9.49	43	801344	245.413	ug/l	97
60) Dibromochloromethane	9.58	129	106251	51.380	ug/l	99
61) 1,2-Dibromoethane	9.67	107	105301	48.757	ug/l	100
64) Tetrachloroethene	9.34	164	94149	52.315	ug/l	98
65) Chlorobenzene	10.13	112	266903	49.483	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	96921	51.807	ug/l	99
67) Ethyl Benzene	10.25	91	501382	51.770	ug/l	99
68) m/p-Xylenes	10.35	106	366040	102.306	ug/l	97
69) o-Xylene	10.69	106	174821	50.948	ug/l	98
70) Styrene	10.71	104	310177	51.551	ug/l	99
71) Bromoform	10.85	173	80543	52.669	ug/l #	99
73) Isopropylbenzene	11.02	105	475692	50.185	ug/l	99
74) N-amyl acetate	10.90	43	278350	49.143	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	167211	47.284	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	203045	55.830	ug/l	81
77) Bromobenzene	11.26	156	115996	48.019	ug/l	98
78) n-propylbenzene	11.36	91	566823	51.879	ug/l	100
79) 2-Chlorotoluene	11.42	91	328204	49.166	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	406032	50.846	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	60741	48.918	ug/l	98
82) 4-Chlorotoluene	11.51	91	384456	49.474	ug/l	99
83) tert-Butylbenzene	11.77	119	386868	50.638	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	406513	50.127	ug/l	99
85) sec-Butylbenzene	11.94	105	472240	51.958	ug/l	100
86) p-Isopropyltoluene	12.06	119	432690	52.927	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	207864	48.333	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	209022	47.657	ug/l	99
89) n-Butylbenzene	12.38	91	412151	53.645	ug/l	99
90) Hexachloroethane	12.59	117	74821	53.331	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	203088	47.897	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	38440	46.180	ug/l	94

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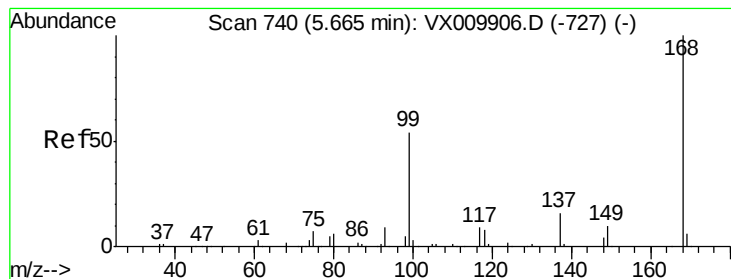
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	150998	49.833	ug/l	98
94) Hexachlorobutadiene	13.78	225	76950	50.631	ug/l	98
95) Naphthalene	13.83	128	461263	48.918	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	148361	48.915	ug/l	100

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009973.D

Acq: 31 May 2019 09:36

Instrument :

MSVOA_X

ClientSampleId :

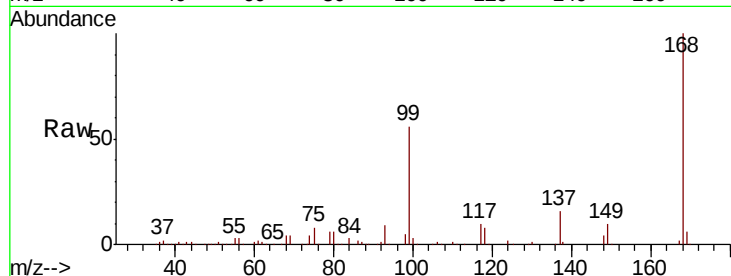
VSTDCCC050

Tgt Ion:168 Resp: 182032

Ion Ratio Lower Upper

168 100

99 56.3 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VX009906.D (-727) (-)

Ion 98.90 (98.60 to 99.60): VX009906.D (-727) (-)

5.66

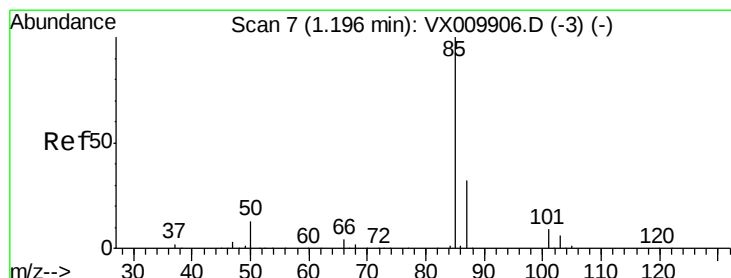
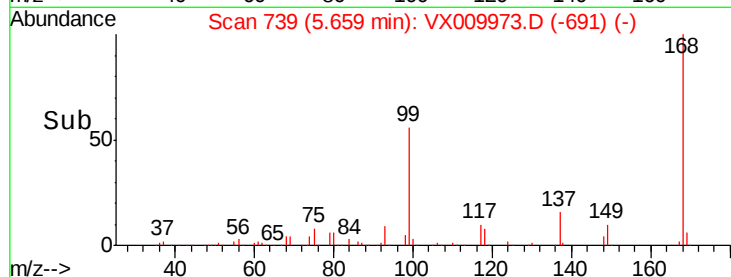
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 54.853 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX009973.D

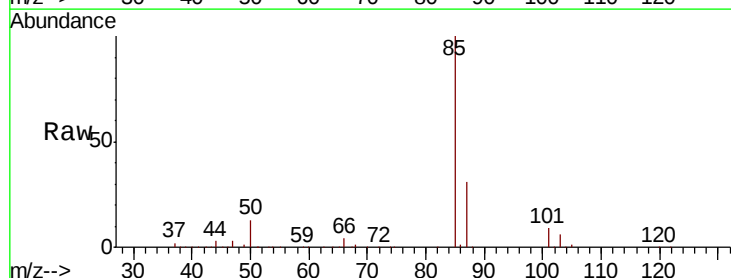
Acq: 31 May 2019 09:36

Tgt Ion: 85 Resp: 122014

Ion Ratio Lower Upper

85 100

87 31.2 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX009906.D (-3) (-)

Ion 86.90 (86.60 to 87.60): VX009906.D (-3) (-)

1.20

120000

100000

80000

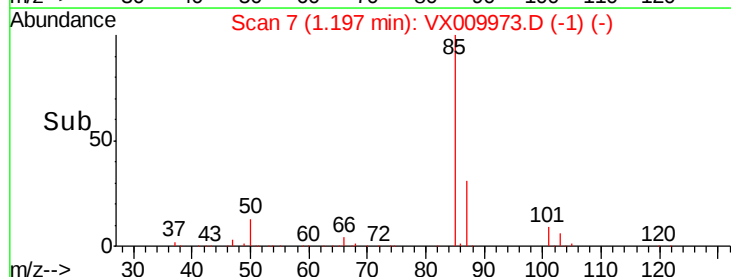
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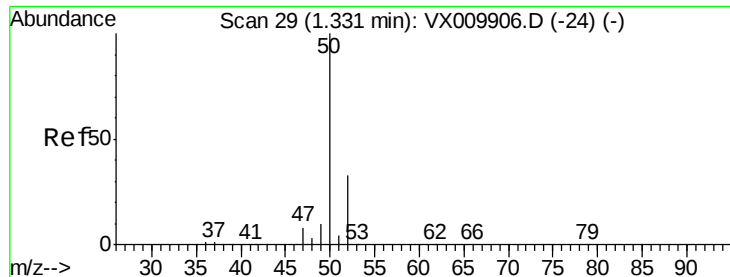
40000

20000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 44.671 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX009973.D

Acq: 31 May 2019 09:36

Instrument :

MSVOA_X

ClientSampleId :

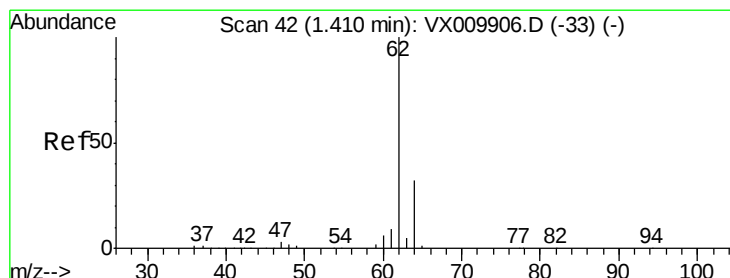
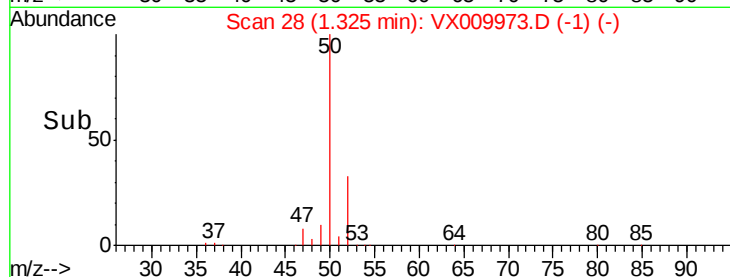
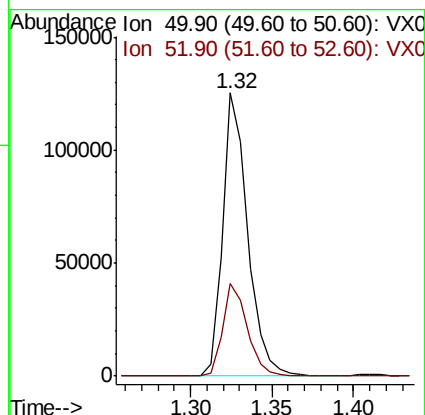
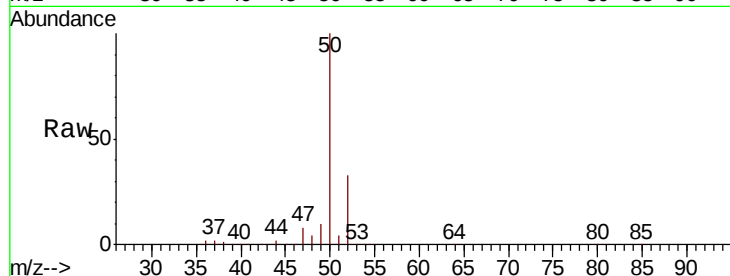
VSTDCCC050

Tgt Ion: 50 Resp: 133583

Ion Ratio Lower Upper

50 100

52 32.8 25.9 38.9



#4

Vinyl Chloride

Concen: 48.415 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX009973.D

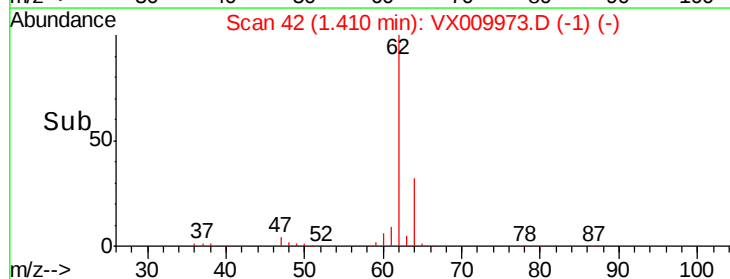
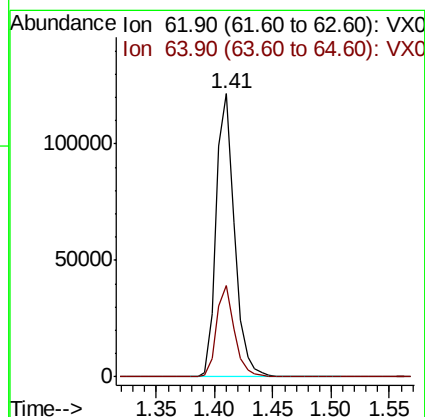
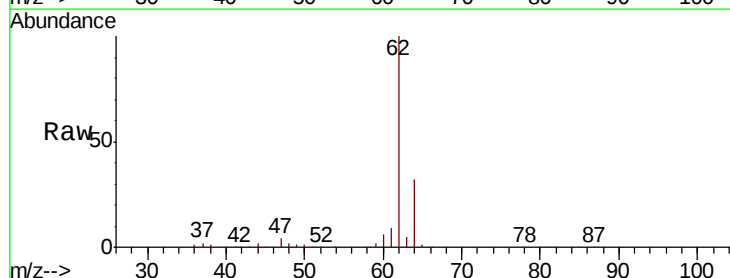
Acq: 31 May 2019 09:36

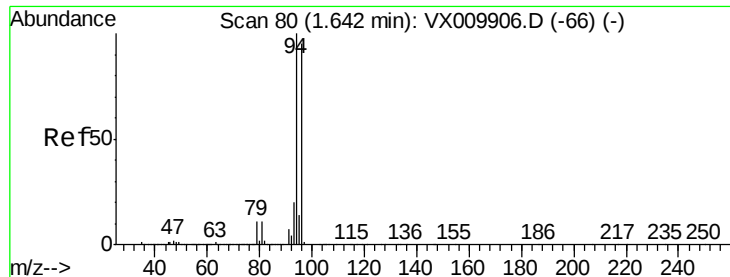
Tgt Ion: 62 Resp: 130514

Ion Ratio Lower Upper

62 100

64 32.1 24.6 36.8





#5

Bromomethane

Concen: 42.512 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009973.D

Acq: 31 May 2019 09:36

Instrument :

MSVOA_X

ClientSampleId :

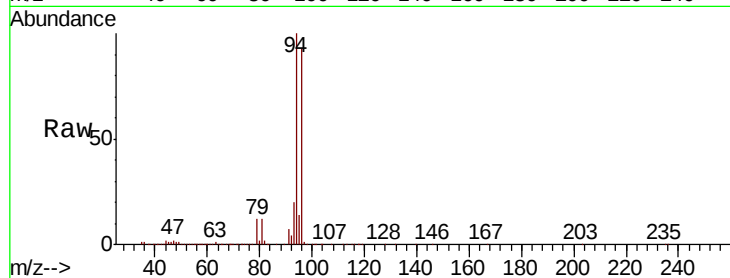
VSTDCCC050

Tgt Ion: 94 Resp: 69435

Ion Ratio Lower Upper

94 100

96 92.9 73.0 109.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

80000

60000

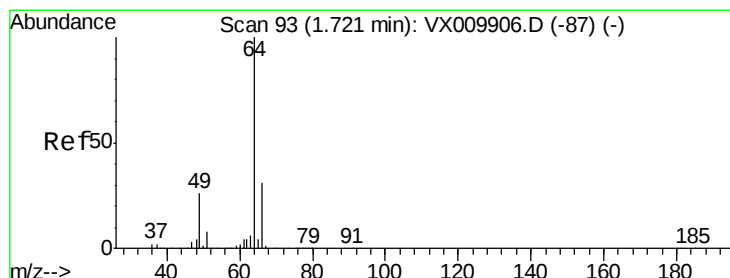
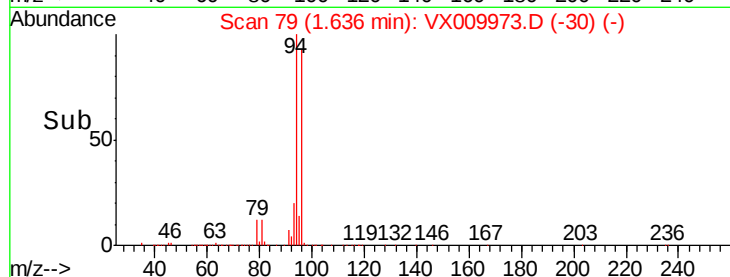
40000

20000

0

Time-->

1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 44.120 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX009973.D

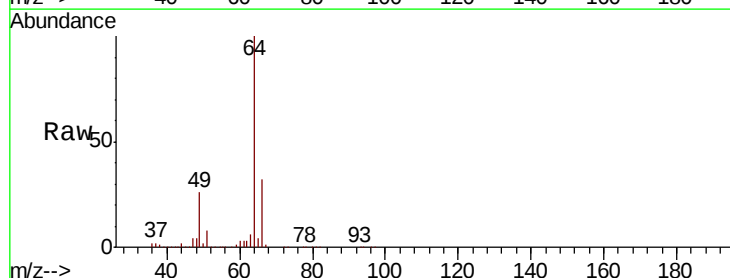
Acq: 31 May 2019 09:36

Tgt Ion: 64 Resp: 73216

Ion Ratio Lower Upper

64 100

66 31.6 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

60000

50000

40000

30000

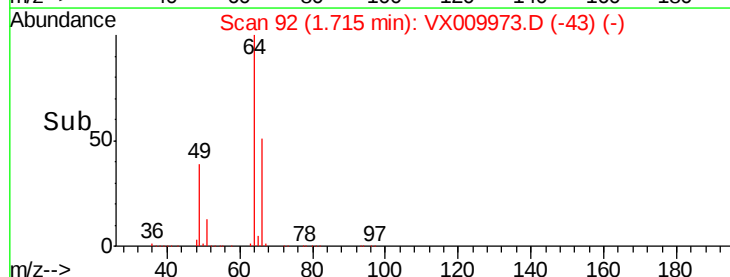
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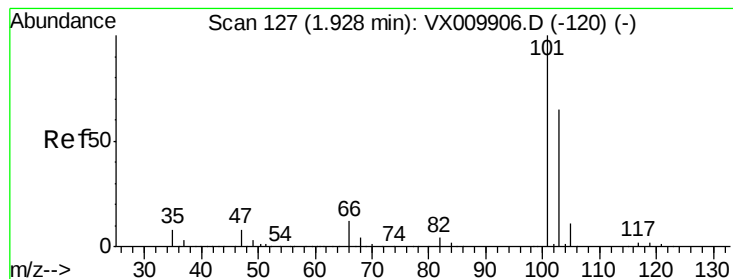
10000

0

Time-->

1.65 1.70 1.75 1.80



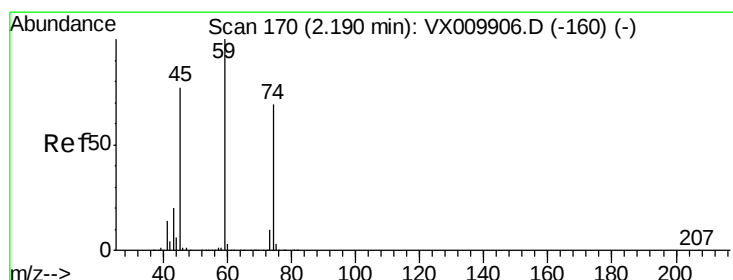
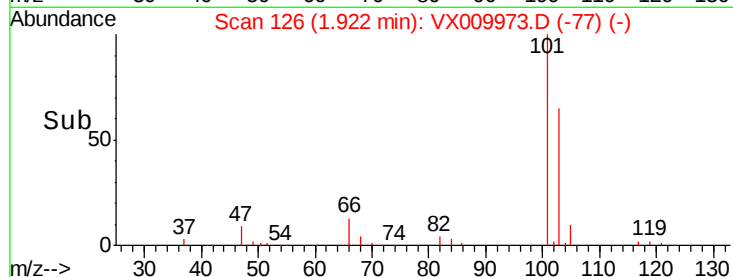
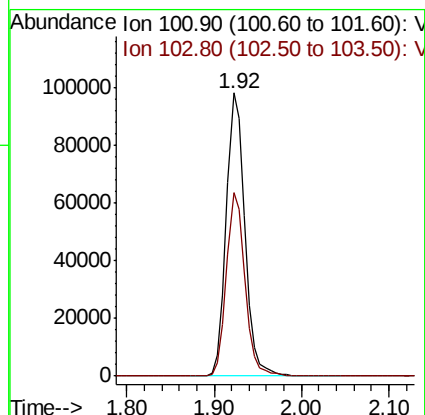
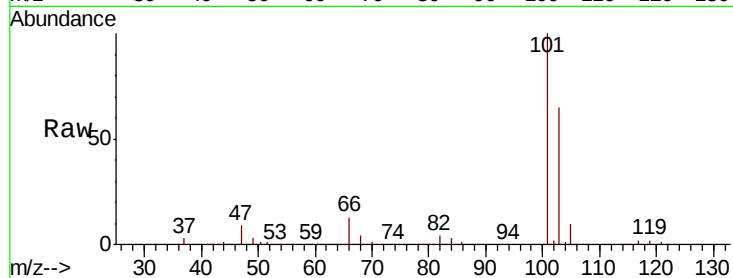


#7

Trichlorofluoromethane
 Concen: 48.462 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. 0.00 min
 Lab File: VX009973.D
 Acq: 31 May 2019 09:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

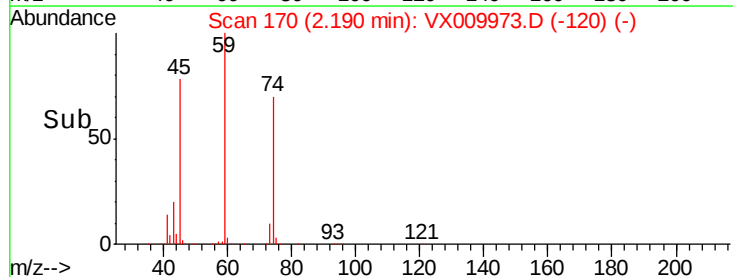
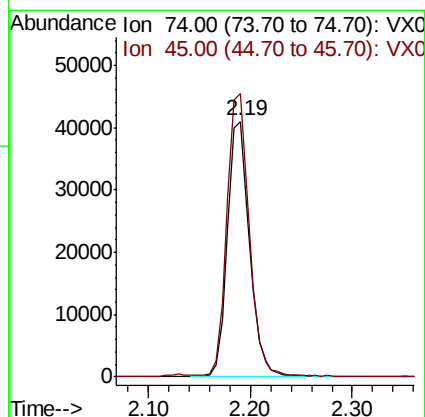
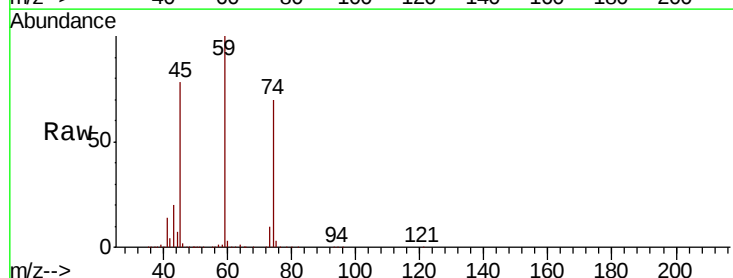
Tgt Ion:101 Resp: 144364
 Ion Ratio Lower Upper
 101 100
 103 64.9 52.4 78.6

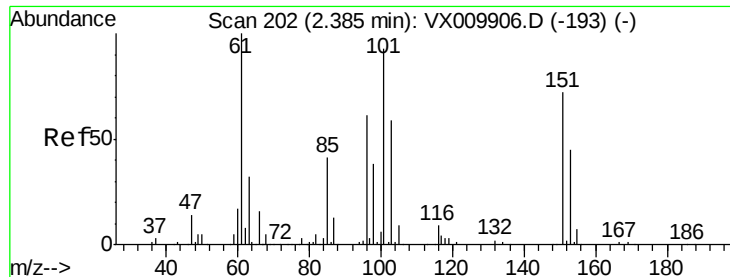


#8

Diethyl Ether
 Concen: 43.999 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX009973.D
 Acq: 31 May 2019 09:36

Tgt Ion: 74 Resp: 61593
 Ion Ratio Lower Upper
 74 100
 45 110.9 53.3 159.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.725 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX009973.D

Acq: 31 May 2019 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

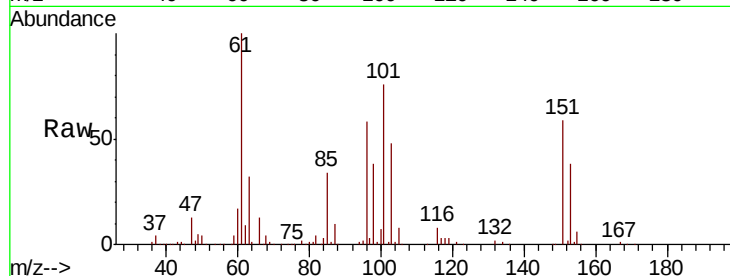
Tgt Ion:101 Resp: 85834

Ion Ratio Lower Upper

101 100

85 44.9 35.7 53.5

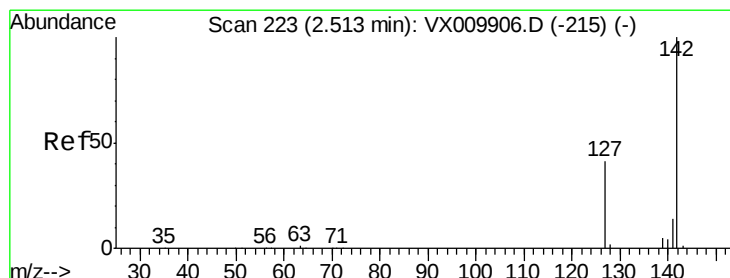
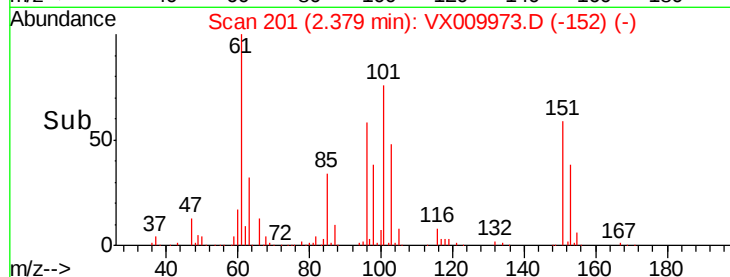
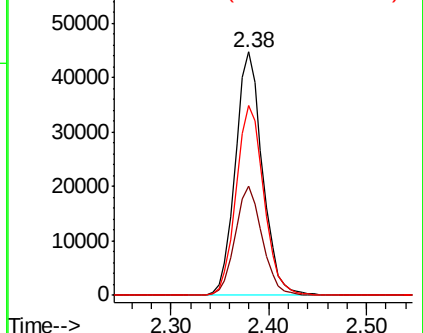
151 80.1 62.2 93.2



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: 39.610 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX009973.D

Acq: 31 May 2019 09:36

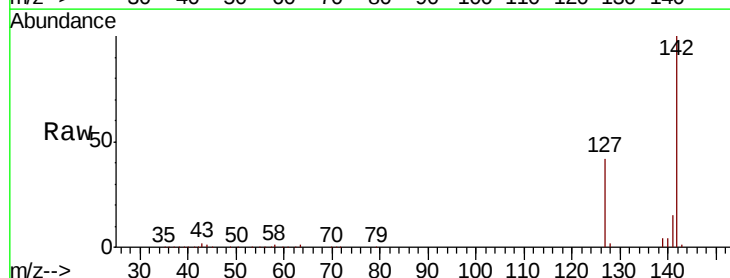
Tgt Ion:142 Resp: 85838

Ion Ratio Lower Upper

142 100

127 41.6 32.7 49.1

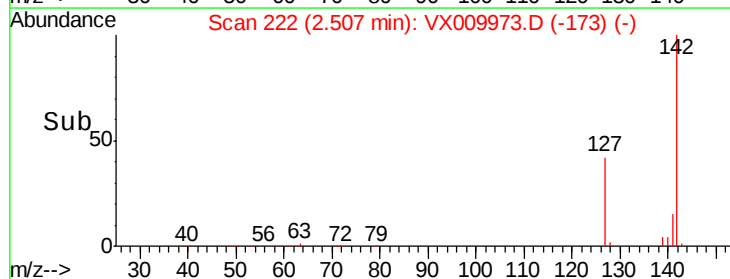
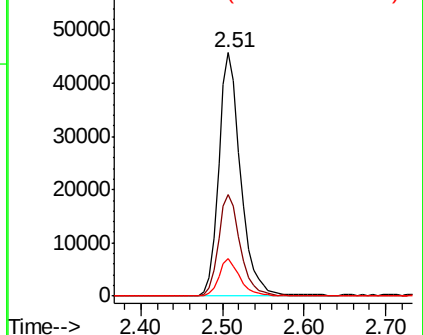
141 14.4 11.5 17.3

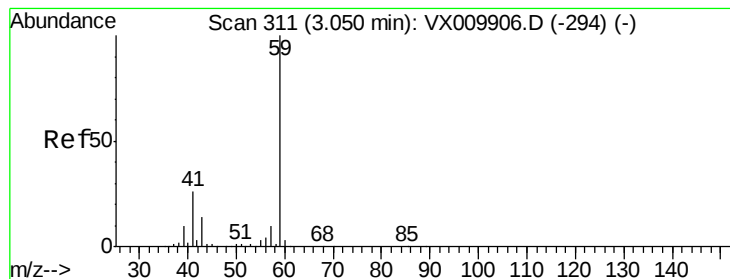


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



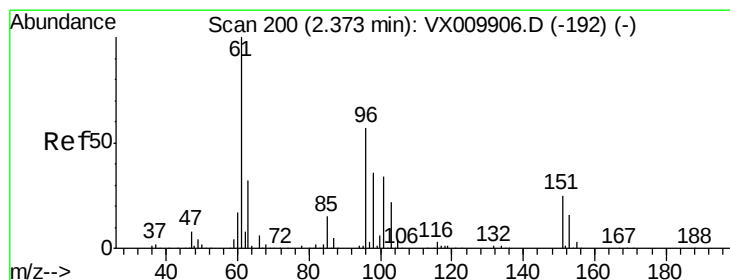
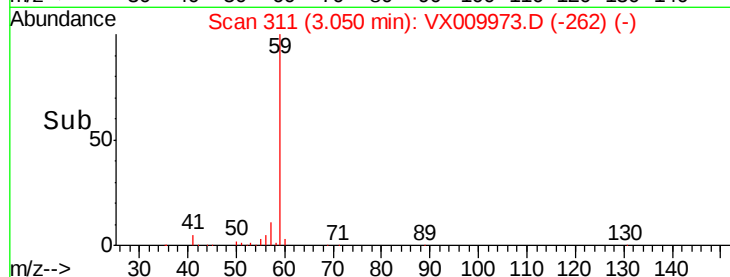
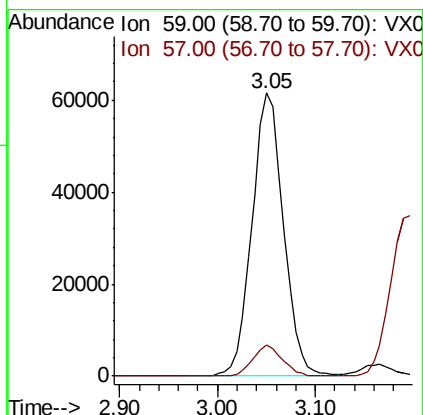
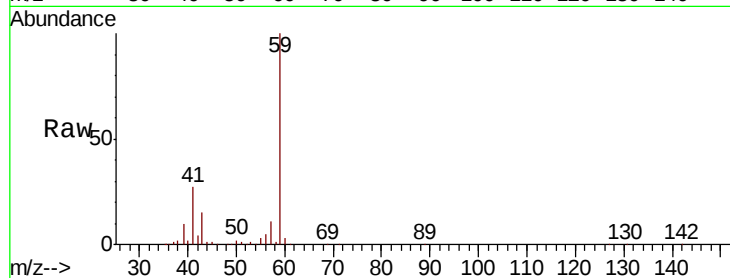


#11

Tert butyl alcohol
 Concen: 217.275 ug/l
 RT: 3.05 min Scan# 311
 Delta R.T. 0.00 min
 Lab File: VX009973.D
 Acq: 31 May 2019 09:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

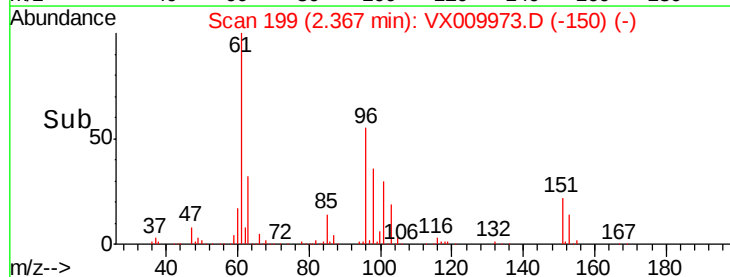
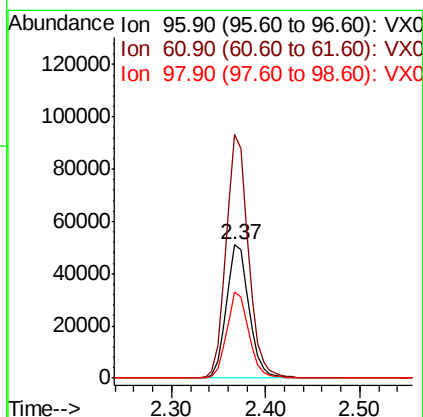
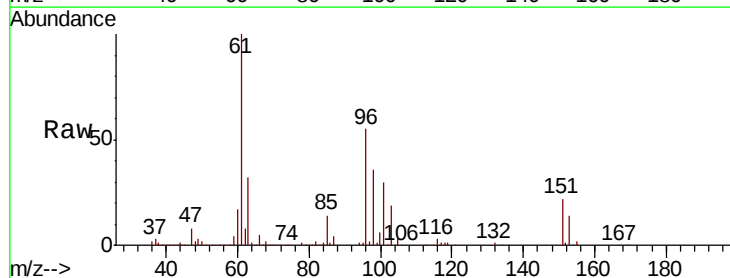
Tgt Ion: 59 Resp: 137494
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.2 12.2

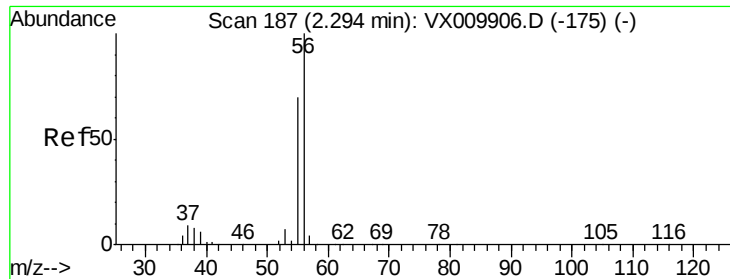


#12

1,1-Dichloroethene
 Concen: 46.358 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. 0.00 min
 Lab File: VX009973.D
 Acq: 31 May 2019 09:36

Tgt Ion: 96 Resp: 85460
 Ion Ratio Lower Upper
 96 100
 61 183.0 144.3 216.5
 98 65.3 50.3 75.5





#13

Acrolein

Concen: 219.059 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX009973.D

Acq: 31 May 2019 09:36

Instrument :

MSVOA_X

ClientSampleId :

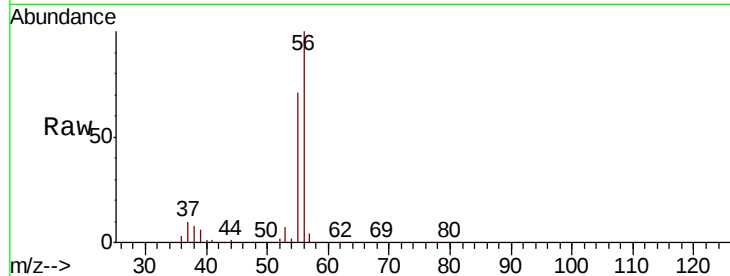
VSTDCCC050

Tgt Ion: 56 Resp: 96981

Ion Ratio Lower Upper

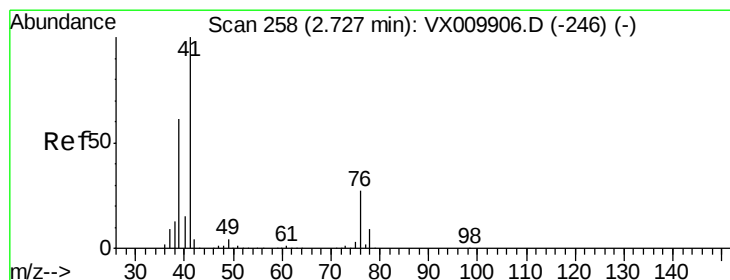
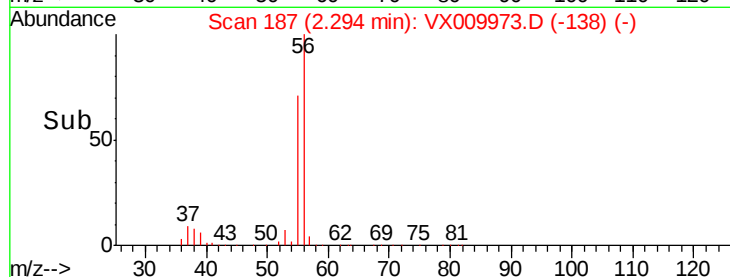
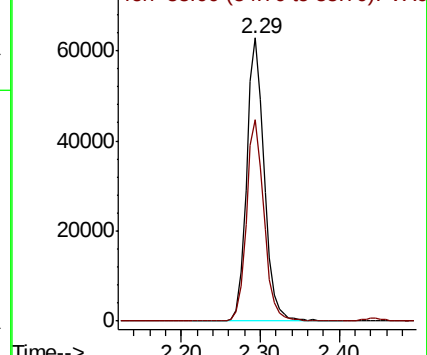
56 100

55 70.8 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 48.606 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX009973.D

Acq: 31 May 2019 09:36

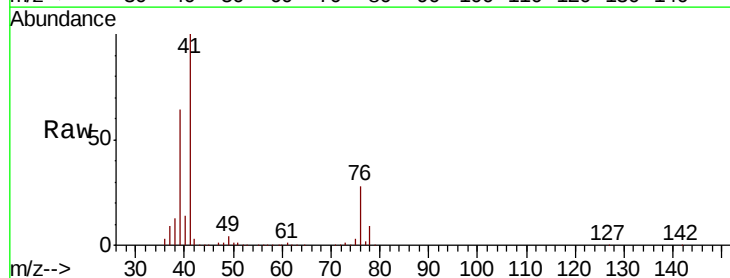
Tgt Ion: 41 Resp: 217785

Ion Ratio Lower Upper

41 100

39 59.2 46.7 70.1

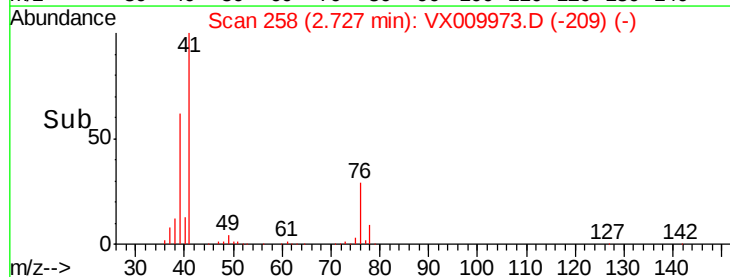
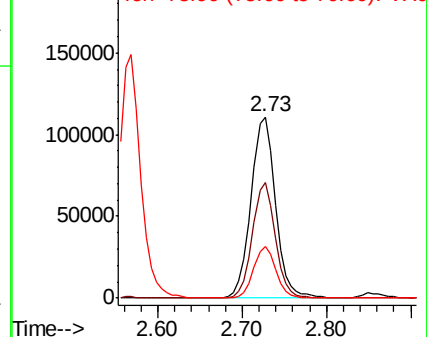
76 25.9 21.8 32.8

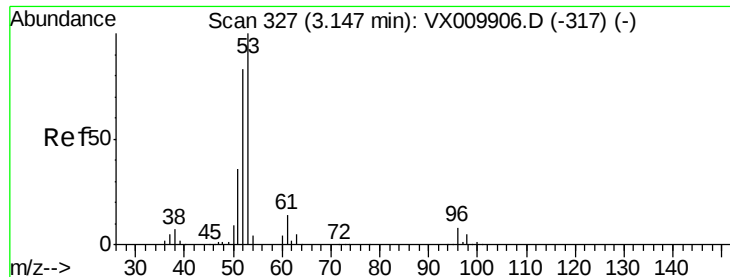


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 230.341 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX009973.D

Acq: 31 May 2019 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

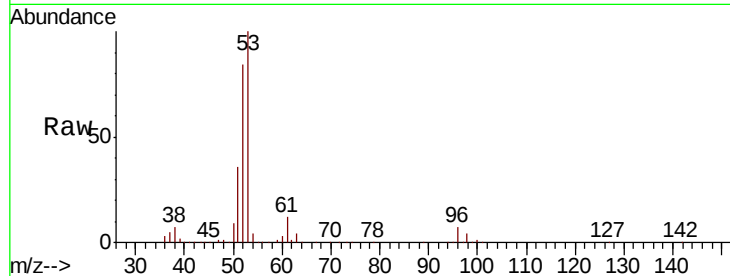
Tgt Ion: 53 Resp: 351210

Ion Ratio Lower Upper

53 100

52 83.9 66.9 100.3

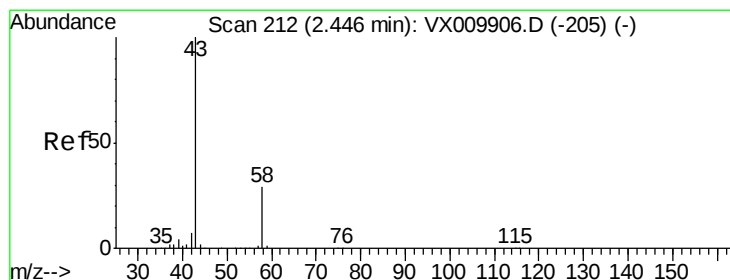
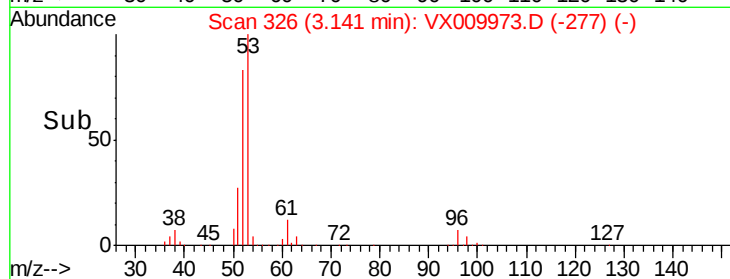
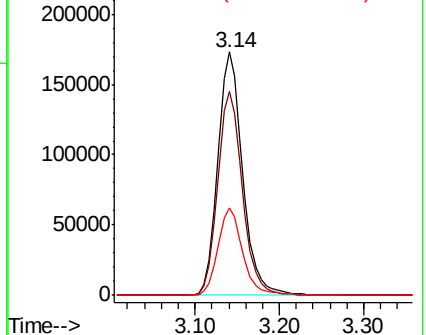
51 35.9 28.2 42.2



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: 246.579 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX009973.D

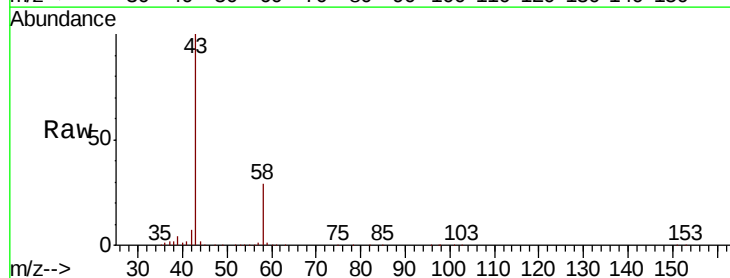
Acq: 31 May 2019 09:36

Tgt Ion: 43 Resp: 366335

Ion Ratio Lower Upper

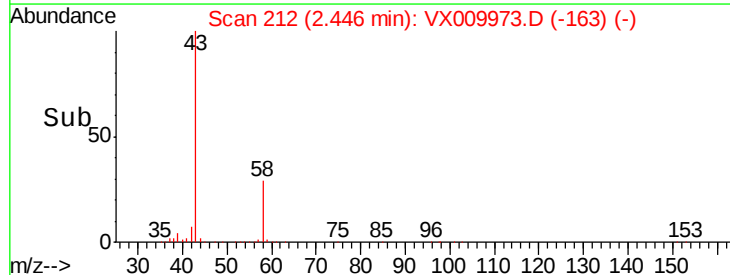
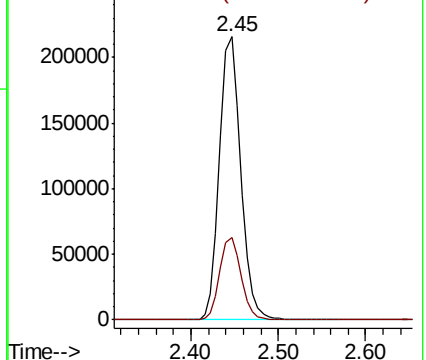
43 100

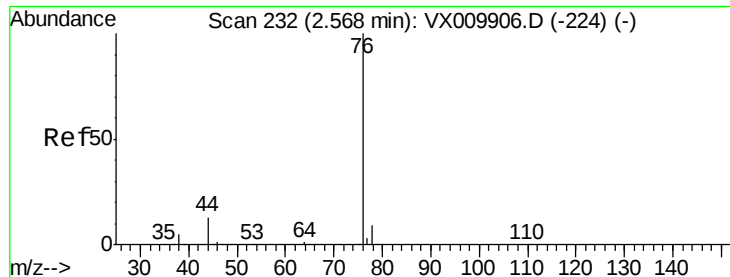
58 29.2 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

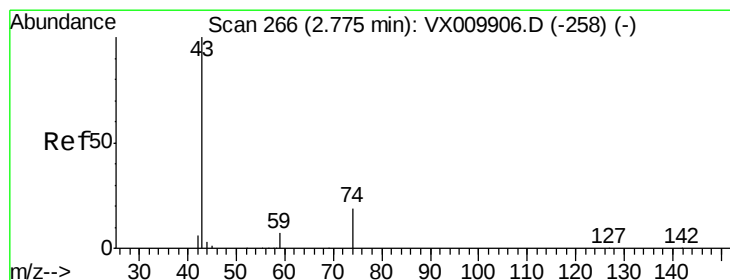
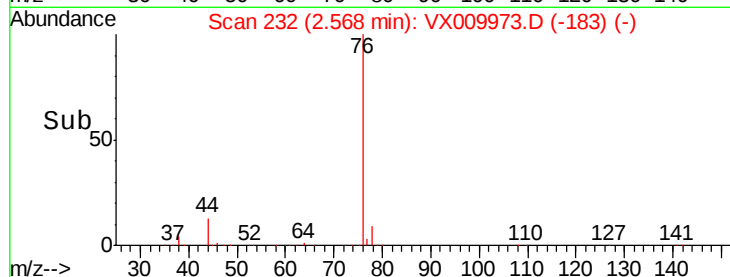
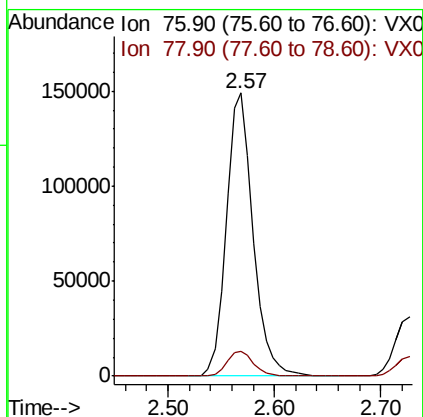
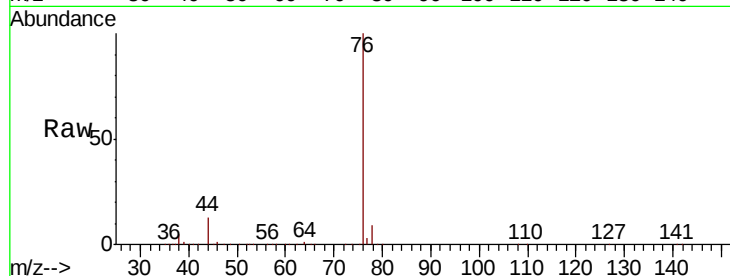




#17
Carbon Disulfide
Concen: 46.806 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX009973.D
Acq: 31 May 2019 09:36

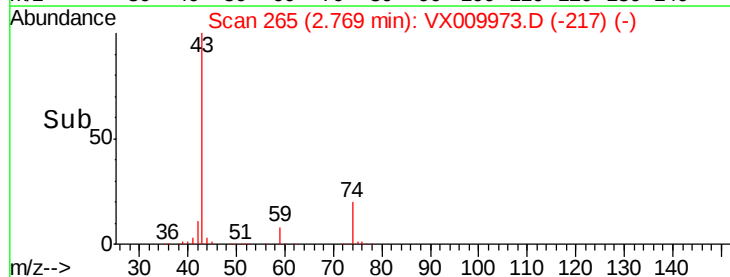
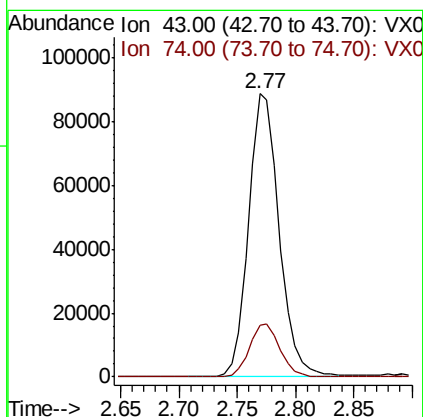
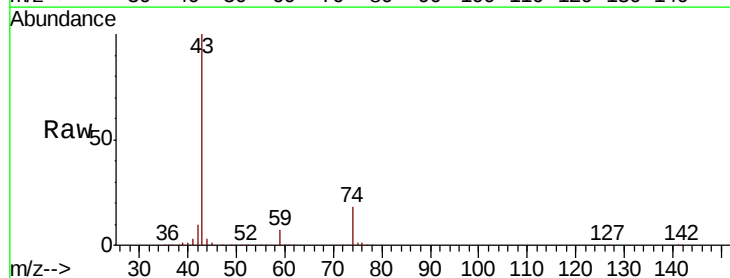
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

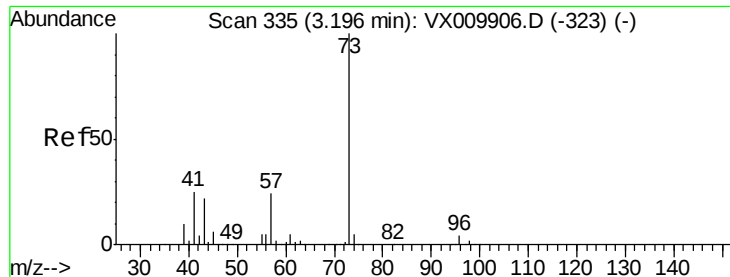
Tgt Ion: 76 Resp: 261136
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0



#18
Methyl Acetate
Concen: 46.845 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX009973.D
Acq: 31 May 2019 09:36

Tgt Ion: 43 Resp: 161940
Ion Ratio Lower Upper
43 100
74 19.2 16.2 24.4



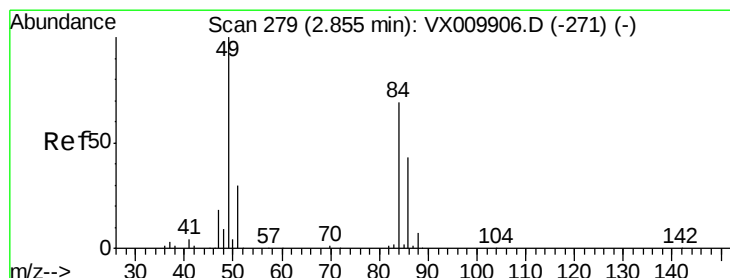
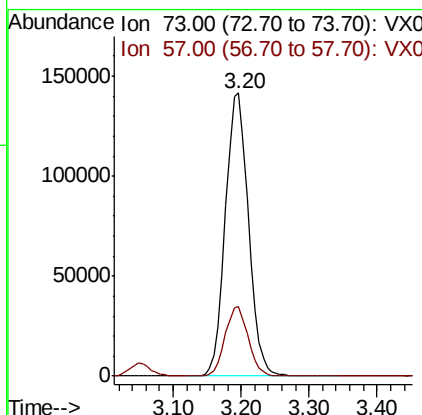
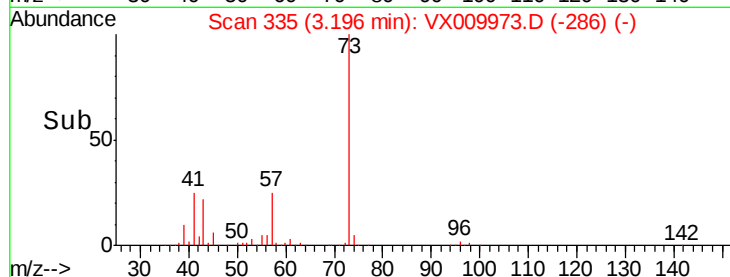
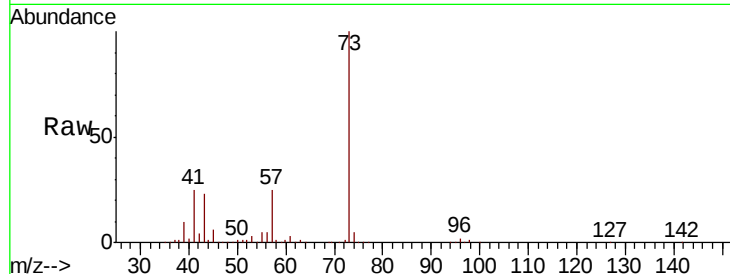


#19

Methyl tert-butyl Ether
 Concen: 47.991 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. 0.00 min
 Lab File: VX009973.D
 Acq: 31 May 2019 09:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

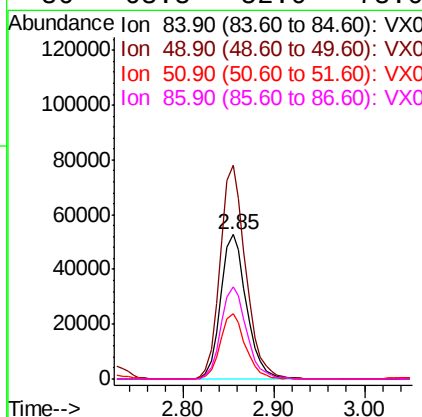
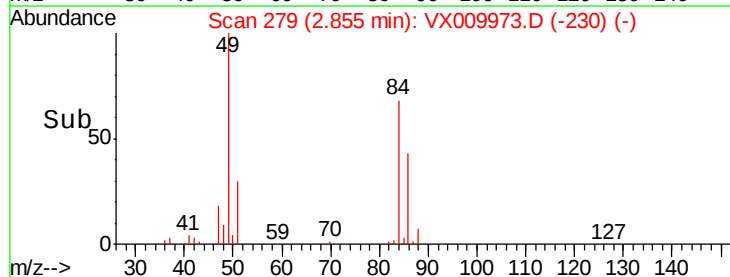
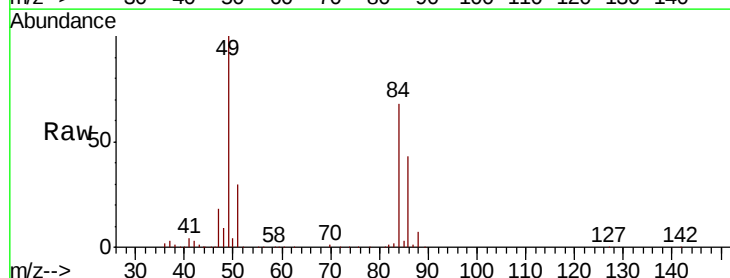
Tgt Ion: 73 Resp: 334011
 Ion Ratio Lower Upper
 73 100
 57 24.7 19.3 28.9

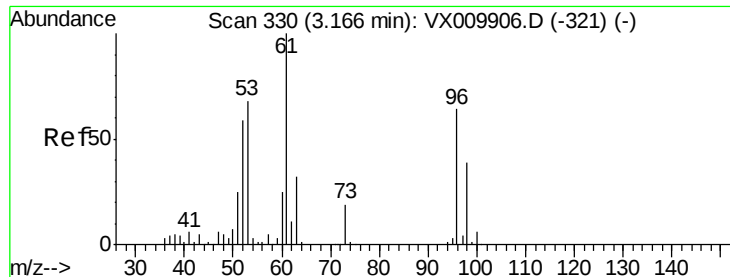


#20

Methylene Chloride
 Concen: 45.942 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX009973.D
 Acq: 31 May 2019 09:36

Tgt Ion: 84 Resp: 104524
 Ion Ratio Lower Upper
 84 100
 49 147.8 109.9 164.9
 51 44.9 32.7 49.1
 86 63.8 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 46.232 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX009973.D

Acq: 31 May 2019 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

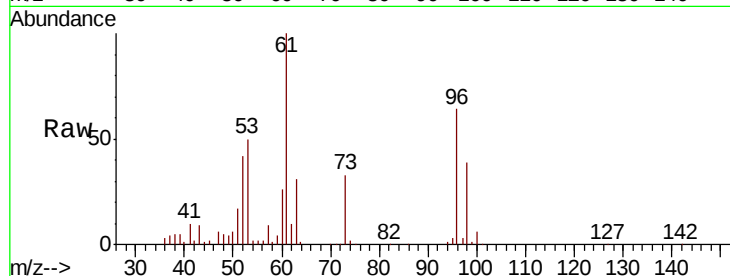
Tgt Ion: 96 Resp: 94832

Ion Ratio Lower Upper

96 100

61 156.5 124.5 186.7

98 61.7 50.4 75.6

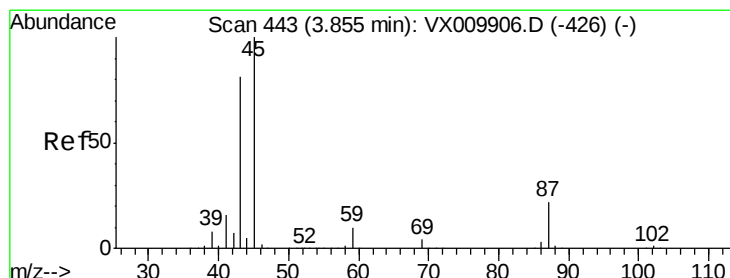
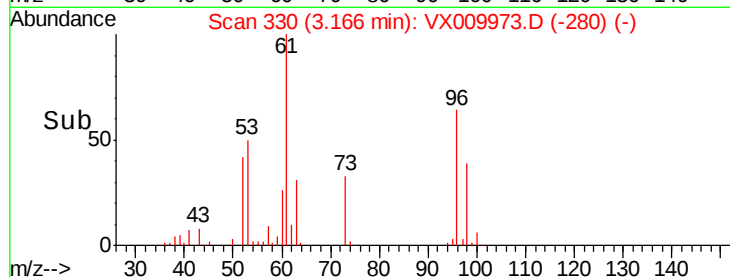
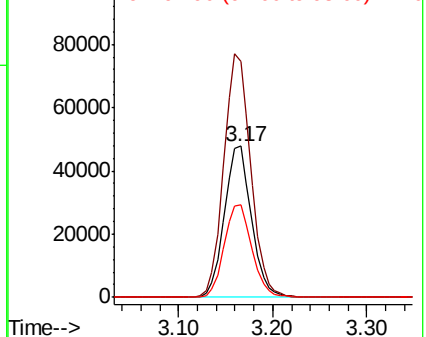


Abundance

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: 49.327 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX009973.D

Acq: 31 May 2019 09:36

Tgt Ion: 45 Resp: 420528

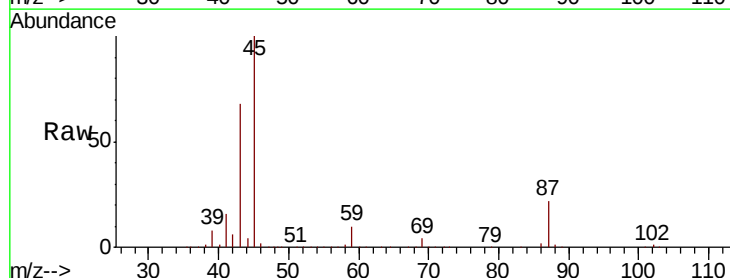
Ion Ratio Lower Upper

45 100

43 68.3 56.1 84.1

87 22.0 18.1 27.1

59 10.2 8.5 12.7



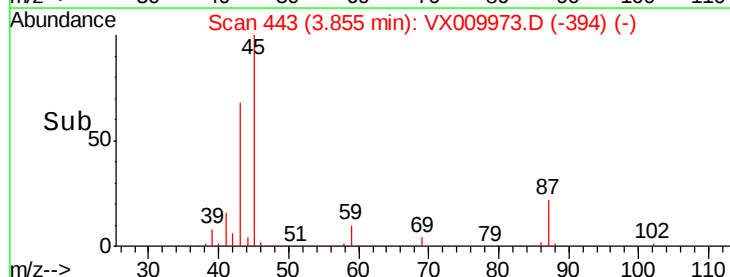
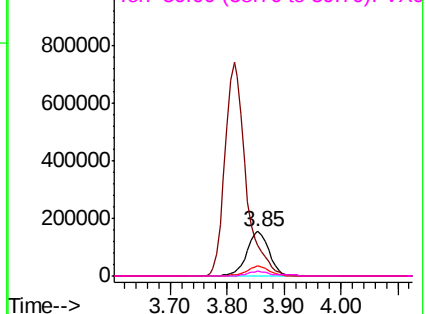
Abundance

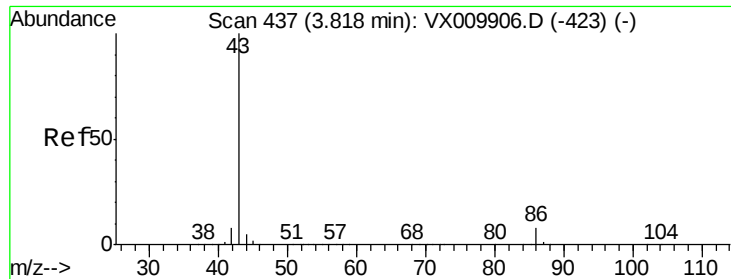
Ion 45.00 (44.70 to 45.70): VX0

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: 247.419 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX009973.D

Acq: 31 May 2019 09:36

Instrument :

MSVOA_X

ClientSampleId :

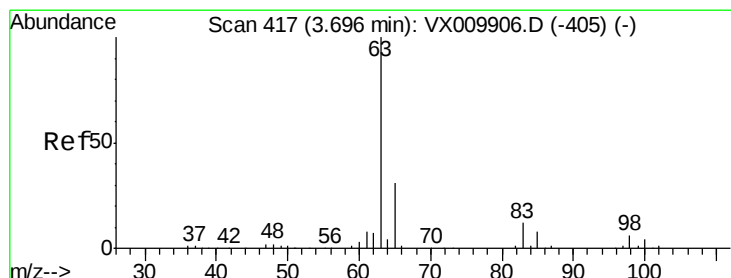
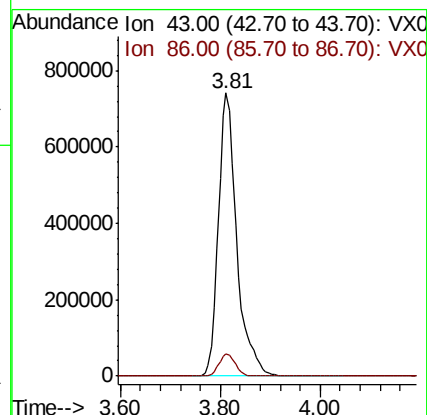
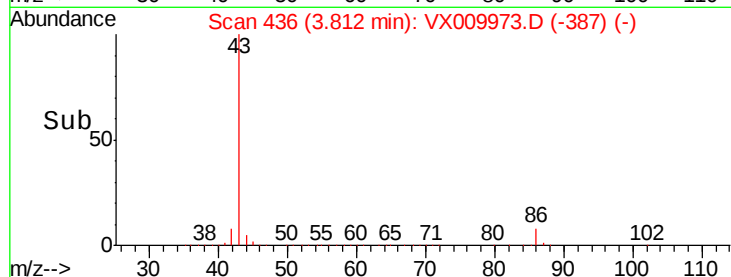
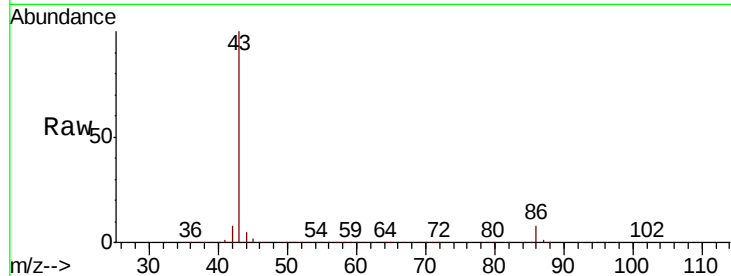
VSTDCCC050

Tgt Ion: 43 Resp: 1894882

Ion Ratio Lower Upper

43 100

86 8.0 6.9 10.3



#24

1,1-Dichloroethane

Concen: 48.126 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX009973.D

Acq: 31 May 2019 09:36

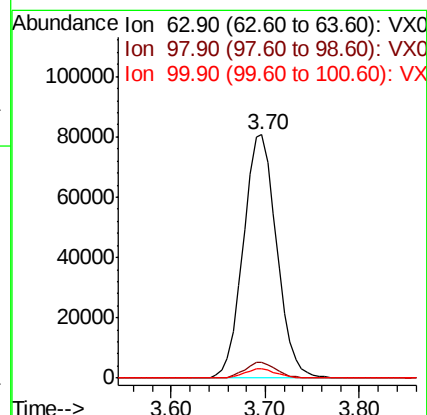
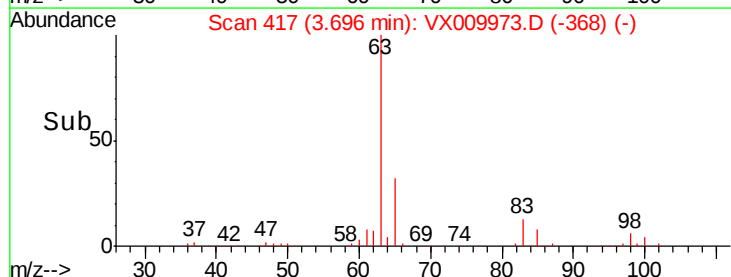
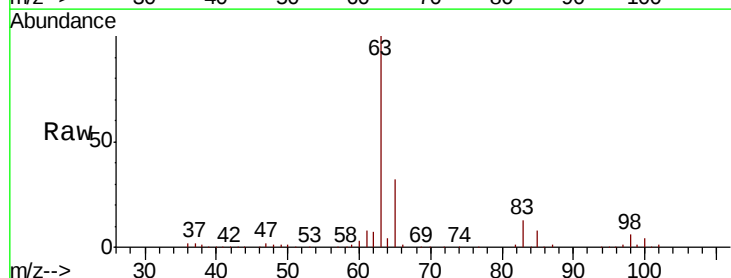
Tgt Ion: 63 Resp: 198832

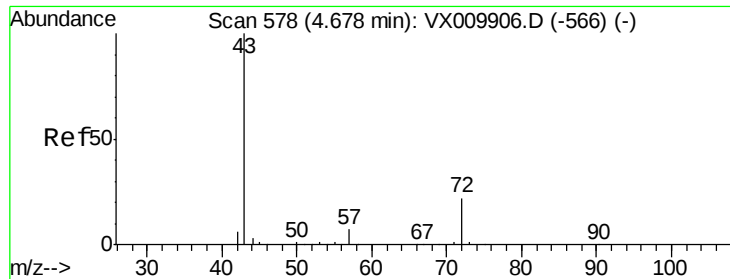
Ion Ratio Lower Upper

63 100

98 6.4 3.0 9.2

100 4.0 2.0 6.0





#25

2-Butanone

Concen: 243.003 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX009973.D

Acq: 31 May 2019 09:36

Instrument :

MSVOA_X

ClientSampleId :

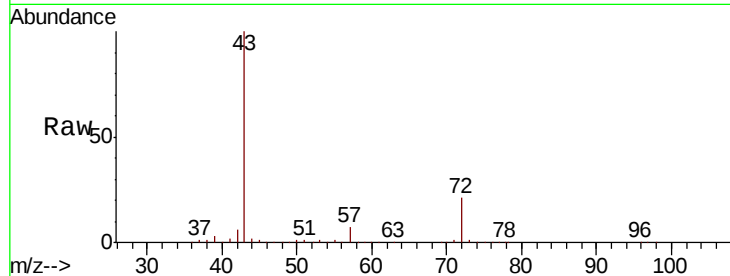
VSTDCCC050

Tgt Ion: 43 Resp: 562468

Ion Ratio Lower Upper

43 100

72 20.9 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.67

200000

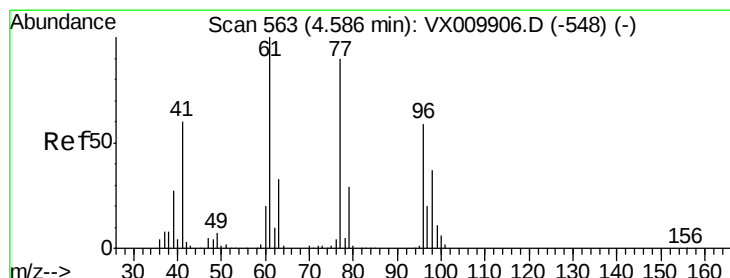
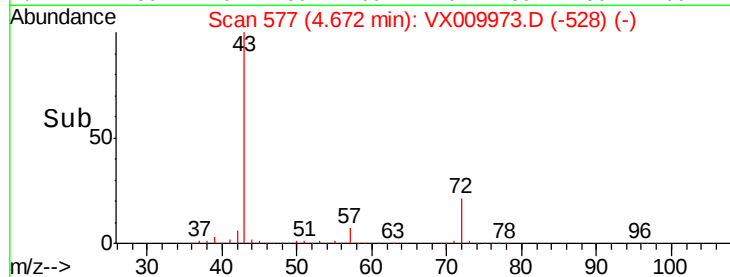
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 49.642 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX009973.D

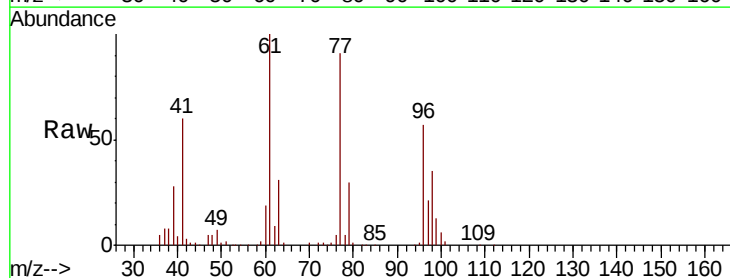
Acq: 31 May 2019 09:36

Tgt Ion: 77 Resp: 155145

Ion Ratio Lower Upper

77 100

97 22.1 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.58

50000

40000

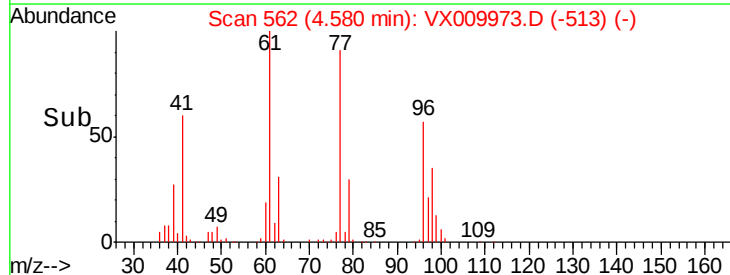
30000

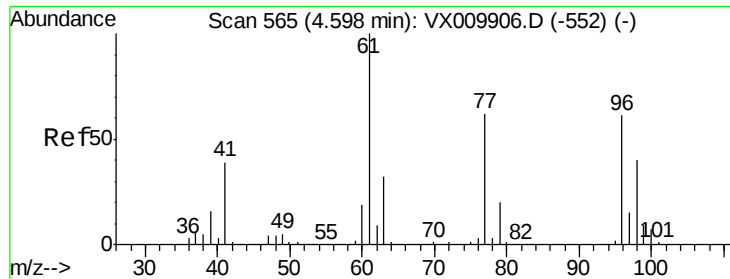
20000

10000

0

Time-->



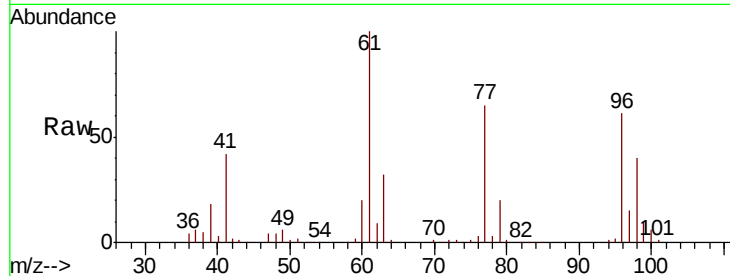


#27

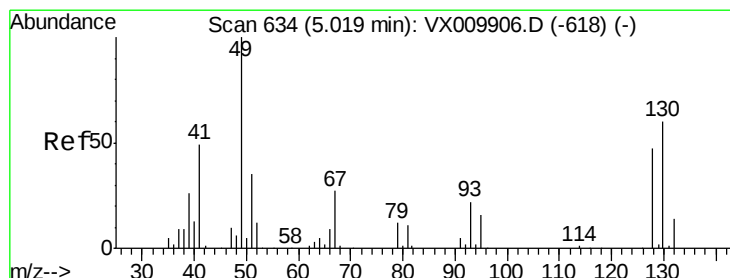
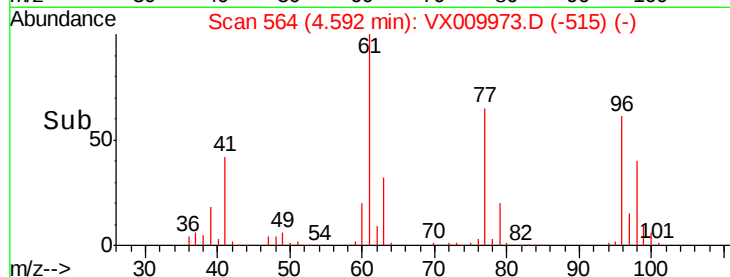
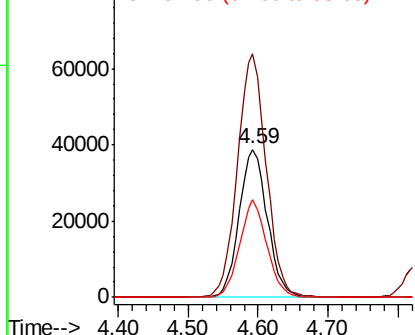
cis-1,2-Dichloroethene
Concen: 45.804 ug/l
RT: 4.59 min Scan# 564
Delta R.T. 0.00 min
Lab File: VX009973.D
Acq: 31 May 2019 09:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 108453
Ion Ratio Lower Upper
96 100
61 168.7 0.0 324.0
98 63.6 0.0 130.4



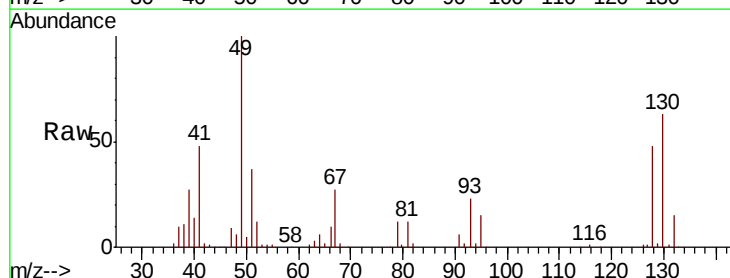
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



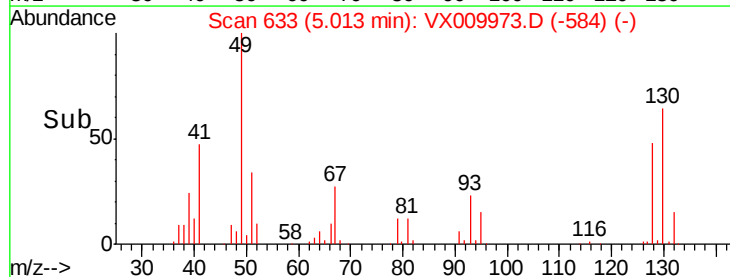
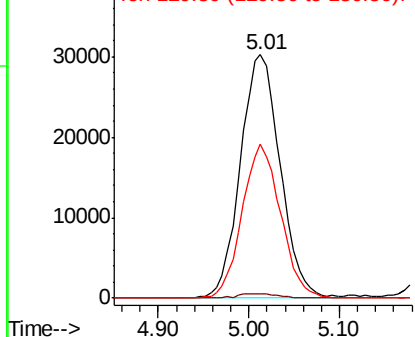
#28

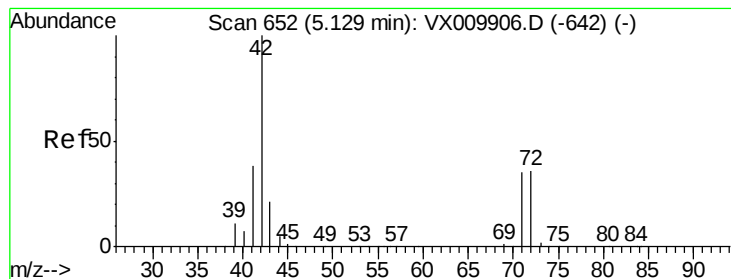
Bromochloromethane
Concen: 42.950 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX009973.D
Acq: 31 May 2019 09:36

Tgt Ion: 49 Resp: 92083
Ion Ratio Lower Upper
49 100
129 1.8 0.0 3.8
130 61.2 51.2 76.8



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: 233.307 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX009973.D

Acq: 31 May 2019 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

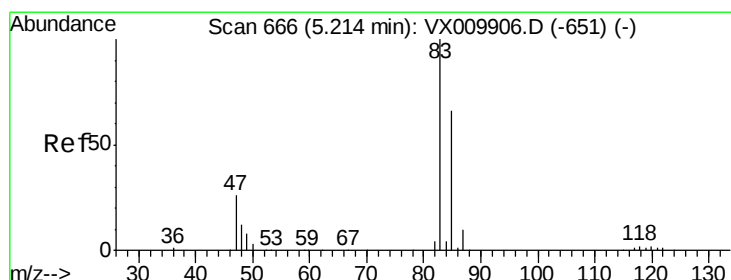
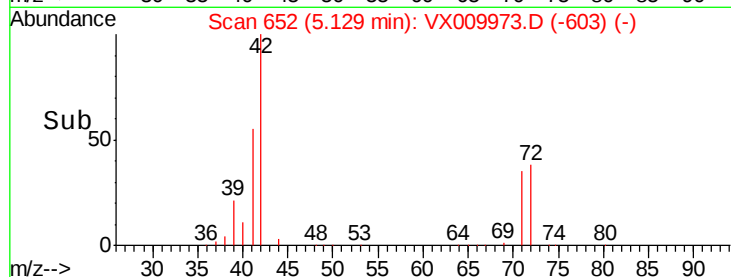
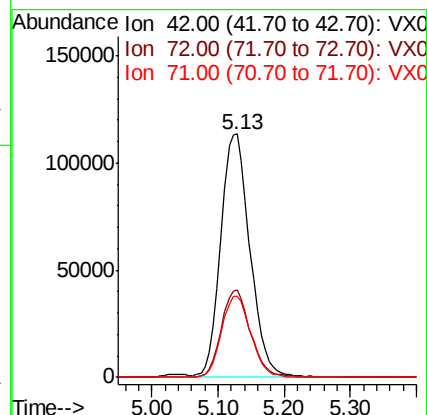
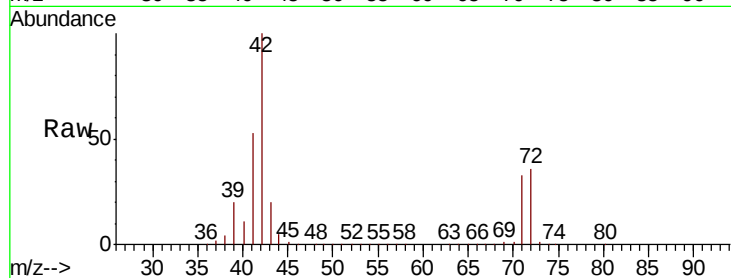
Tgt Ion: 42 Resp: 346298

Ion Ratio Lower Upper

42 100

72 35.9 30.4 45.6

71 33.7 28.6 43.0



#30

Chloroform

Concen: 47.374 ug/l

RT: 5.21 min Scan# 665

Delta R.T. 0.00 min

Lab File: VX009973.D

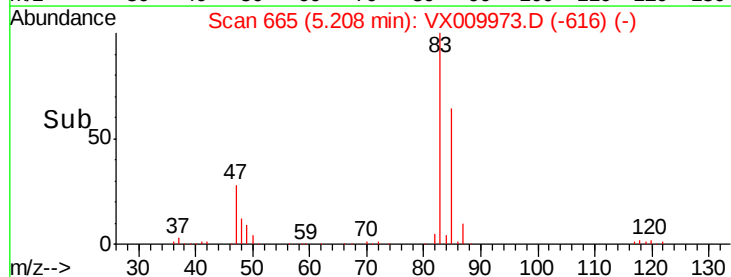
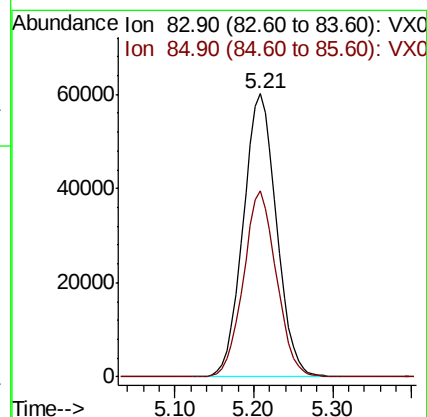
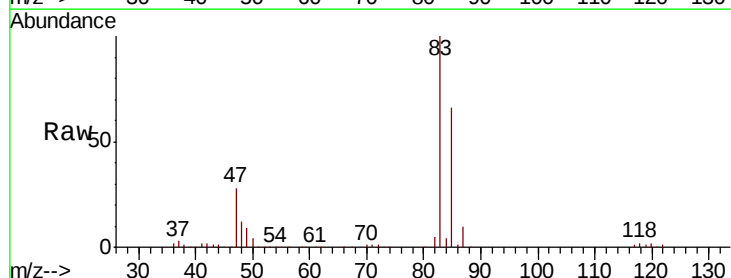
Acq: 31 May 2019 09:36

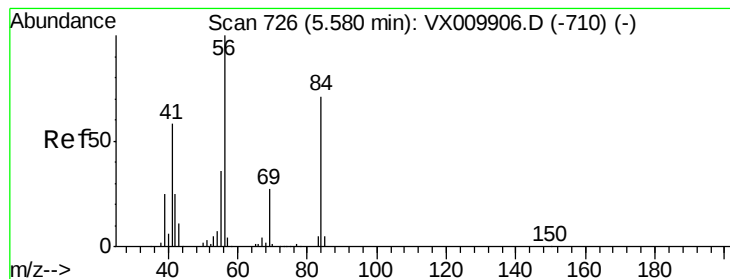
Tgt Ion: 83 Resp: 176517

Ion Ratio Lower Upper

83 100

85 65.6 51.5 77.3





#31

Cyclohexane

Concen: 50.849 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX009973.D

Acq: 31 May 2019 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

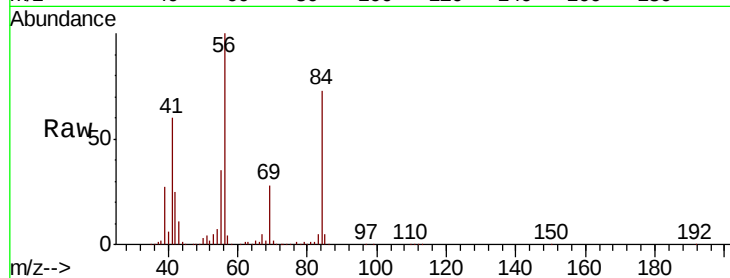
Tgt Ion: 56 Resp: 198973

Ion Ratio Lower Upper

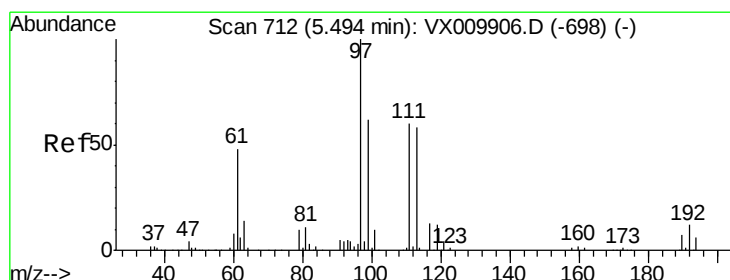
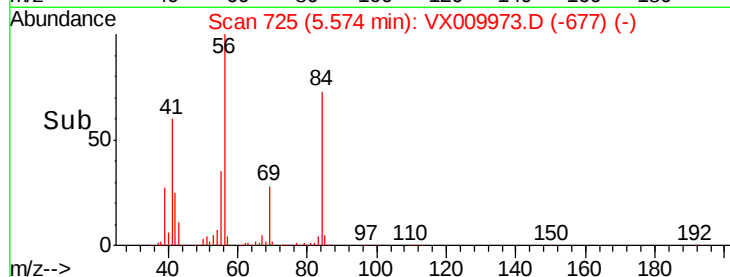
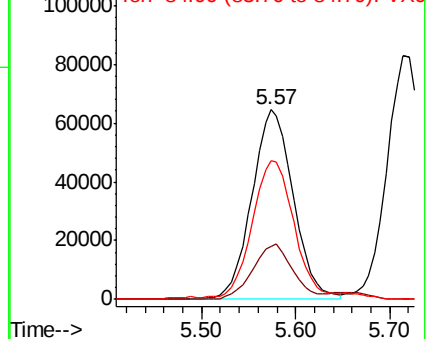
56 100

69 28.0 23.4 35.0

84 71.8 61.9 92.9



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



#32

1,1,1-Trichloroethane

Concen: 49.783 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX009973.D

Acq: 31 May 2019 09:36

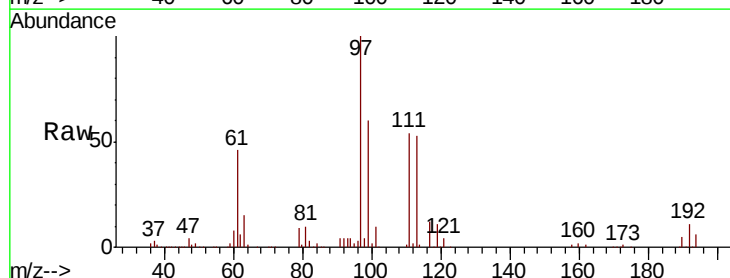
Tgt Ion: 97 Resp: 151064

Ion Ratio Lower Upper

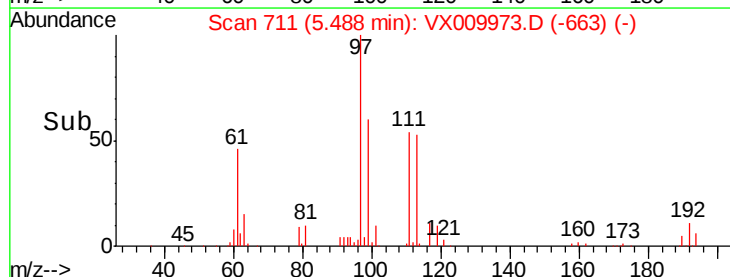
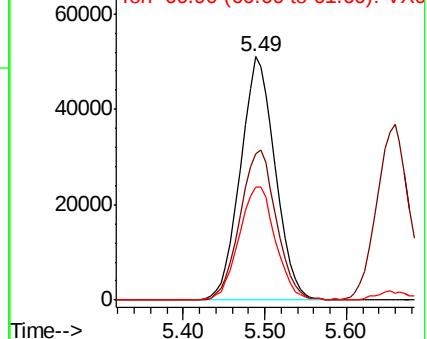
97 100

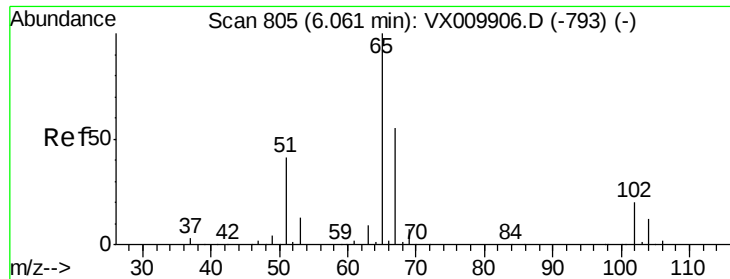
99 64.2 51.8 77.8

61 49.0 37.8 56.8



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





#33

1,2-Dichloroethane-d4

Concen: 44.179 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX009973.D

Acq: 31 May 2019 09:36

Instrument :

MSVOA_X

ClientSampleId :

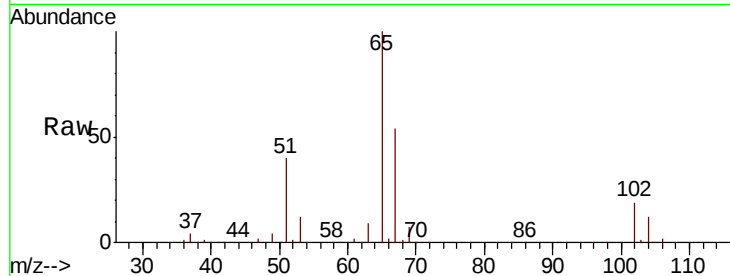
VSTDCCC050

Tgt Ion: 65 Resp: 113600

Ion Ratio Lower Upper

65 100

67 54.1 0.0 106.6

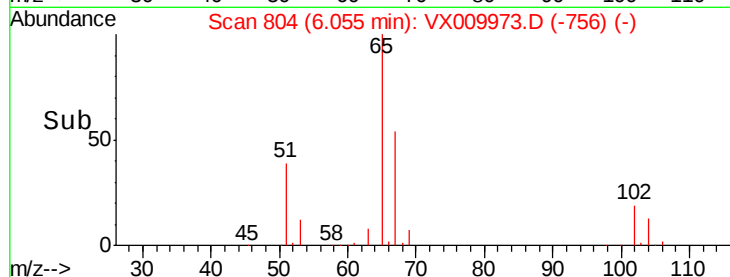


Abundance Ion 64.90 (64.60 to 65.60): VX009906.D (-793) (-)

Ion 66.90 (66.60 to 67.60): VX009906.D (-793) (-)

6.06

Time-->



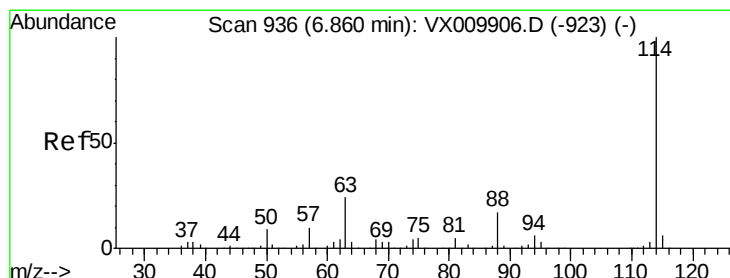
Abundance

Ion 64.90 (64.60 to 65.60): VX009906.D (-793) (-)

Ion 66.90 (66.60 to 67.60): VX009906.D (-793) (-)

6.06

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX009973.D

Acq: 31 May 2019 09:36

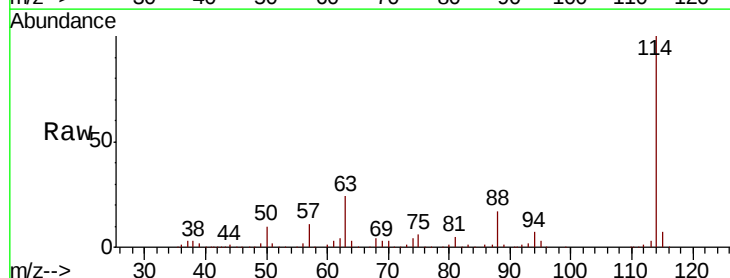
Tgt Ion: 114 Resp: 285811

Ion Ratio Lower Upper

114 100

63 23.6 0.0 45.6

88 17.3 0.0 33.2



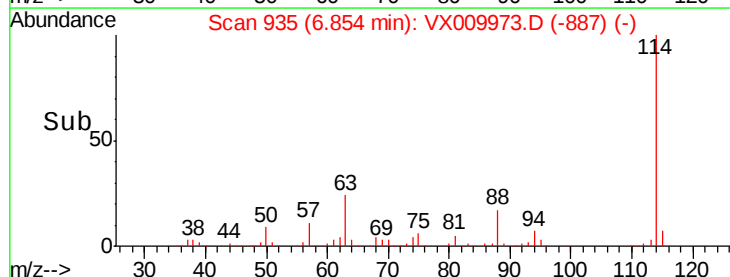
Abundance Ion 113.90 (113.60 to 114.60): VX009906.D (-923) (-)

Ion 63.00 (62.70 to 63.70): VX009906.D (-923) (-)

Ion 87.90 (87.60 to 88.60): VX009906.D (-923) (-)

6.85

Time-->



Abundance

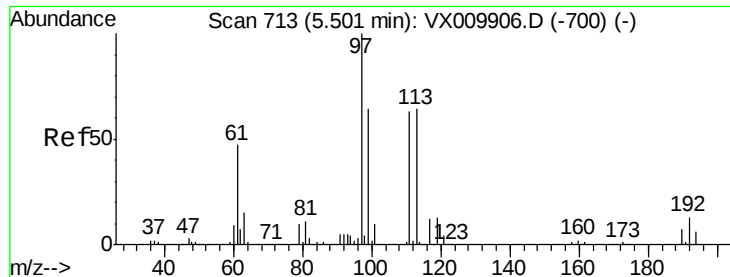
Ion 113.90 (113.60 to 114.60): VX009906.D (-923) (-)

Ion 63.00 (62.70 to 63.70): VX009906.D (-923) (-)

Ion 87.90 (87.60 to 88.60): VX009906.D (-923) (-)

6.85

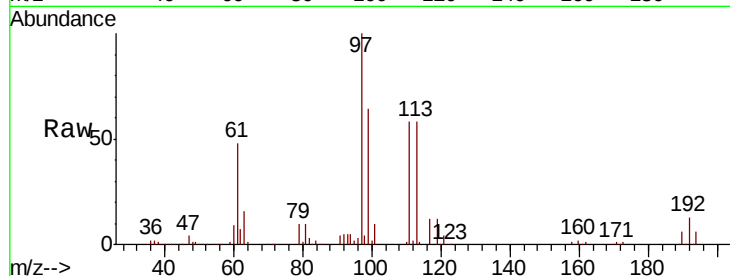
Time-->



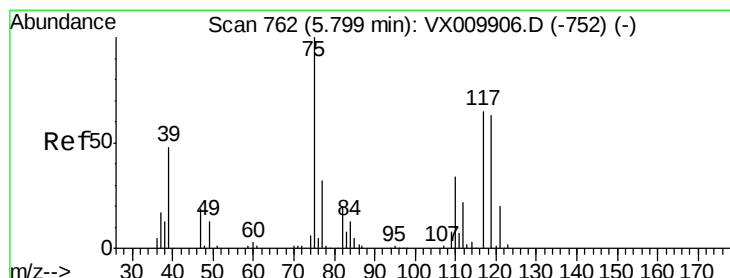
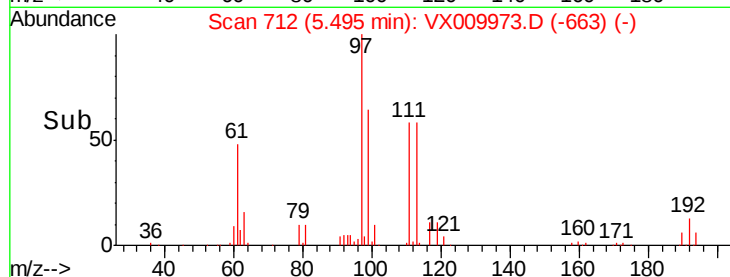
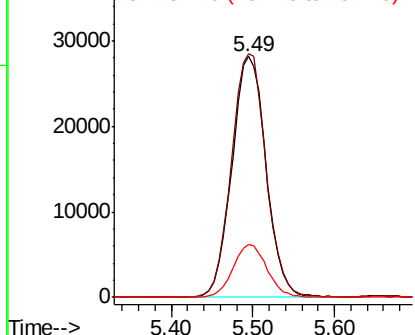
#35
 Dibromofluoromethane
 Concen: 45.426 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX009973.D
 Acq: 31 May 2019 09:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 113 Resp: 81626
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.8 124.2
 192 21.7 17.0 25.6

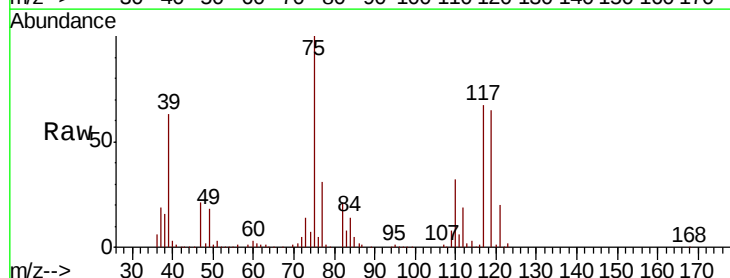


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

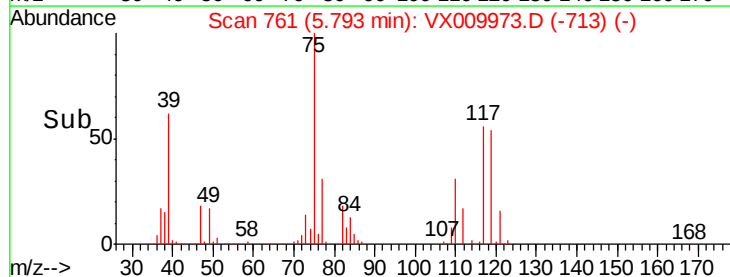
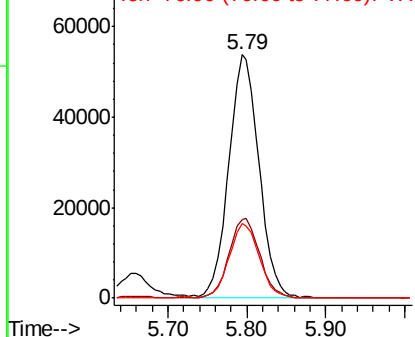


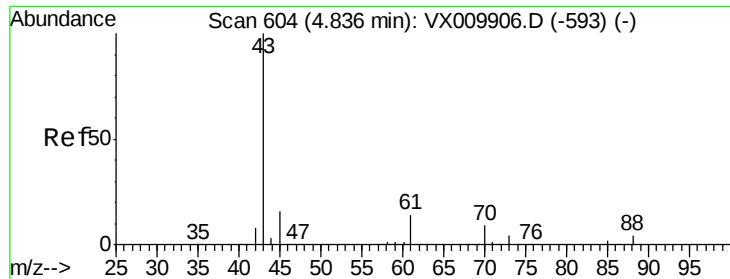
#36
 1,1-Dichloropropene
 Concen: 49.356 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VX009973.D
 Acq: 31 May 2019 09:36

Tgt Ion: 75 Resp: 143128
 Ion Ratio Lower Upper
 75 100
 110 33.2 16.9 50.6
 77 30.6 24.8 37.2



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





#37

Ethyl Acetate

Concen: 49.807 ug/l

RT: 4.83 min Scan# 603

Delta R.T. 0.00 min

Lab File: VX009973.D

Acq: 31 May 2019 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

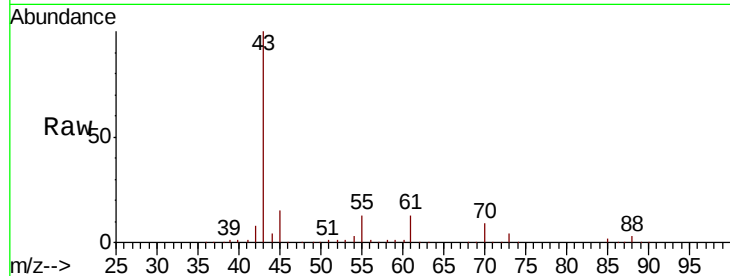
Tgt Ion: 43 Resp: 201250

Ion Ratio Lower Upper

43 100

61 12.3 10.5 15.7

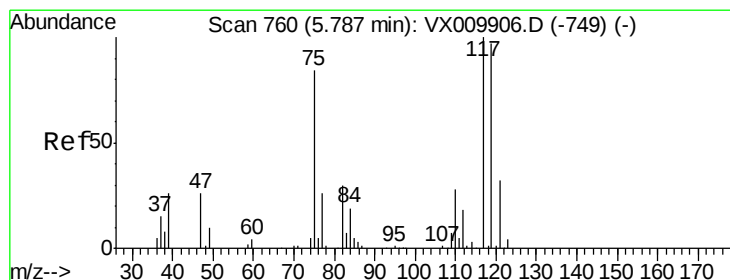
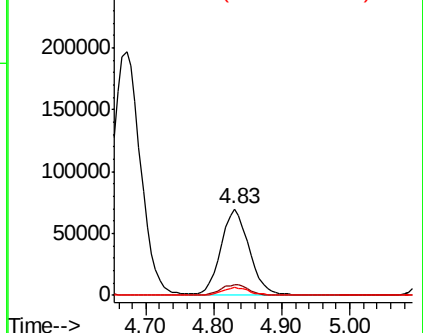
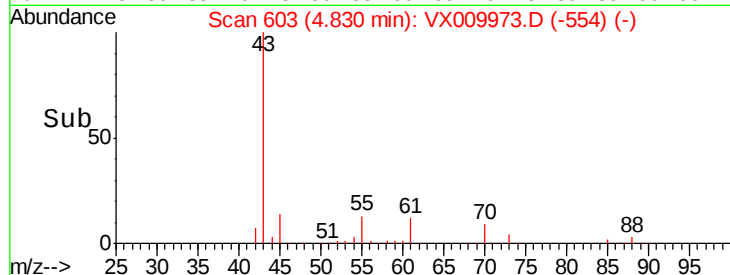
70 9.1 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 50.963 ug/l

RT: 5.78 min Scan# 759

Delta R.T. 0.00 min

Lab File: VX009973.D

Acq: 31 May 2019 09:36

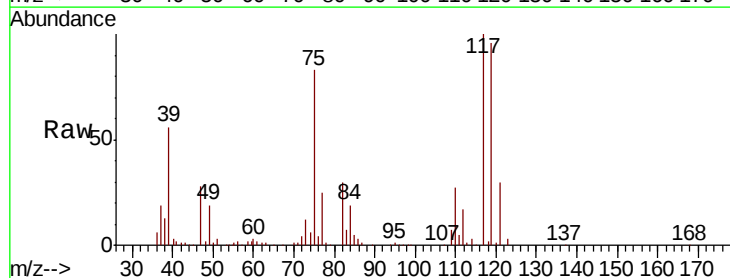
Tgt Ion: 117 Resp: 127708

Ion Ratio Lower Upper

117 100

119 96.1 77.5 116.3

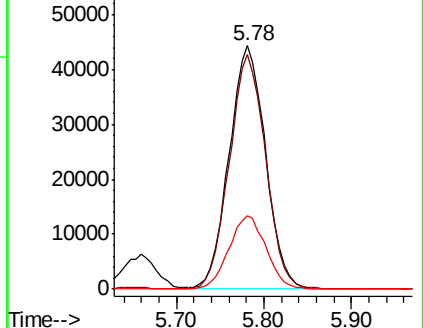
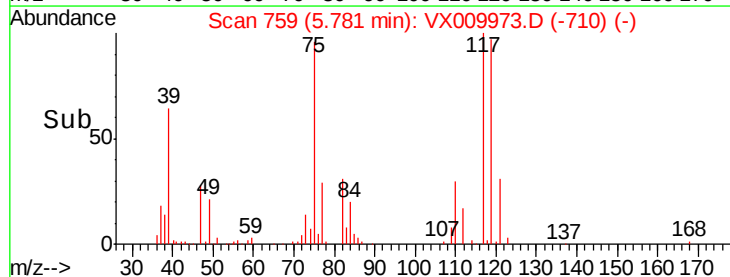
121 30.4 24.7 37.1

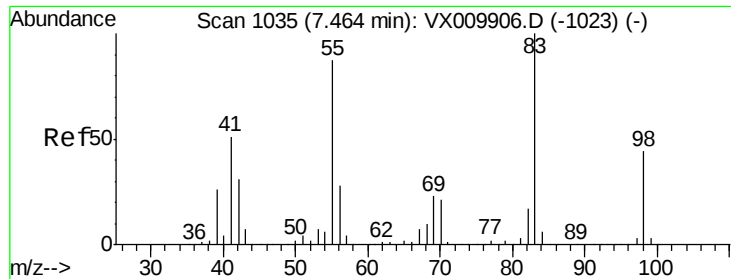


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

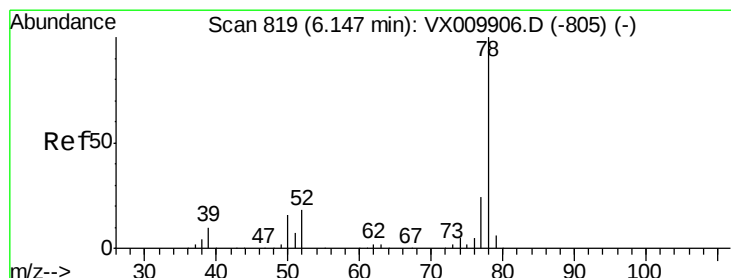
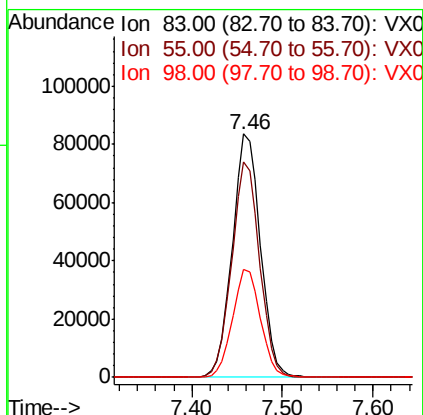
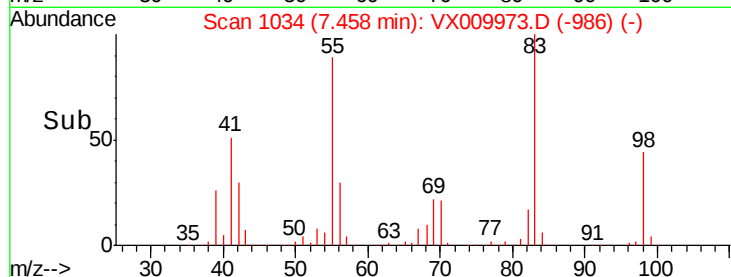
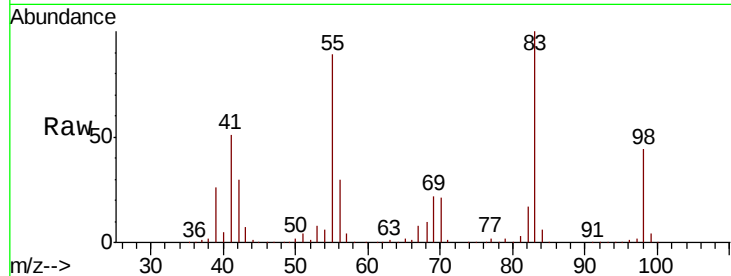




#39
Methylcyclohexane
Concen: 52.343 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX009973.D
Acq: 31 May 2019 09:36

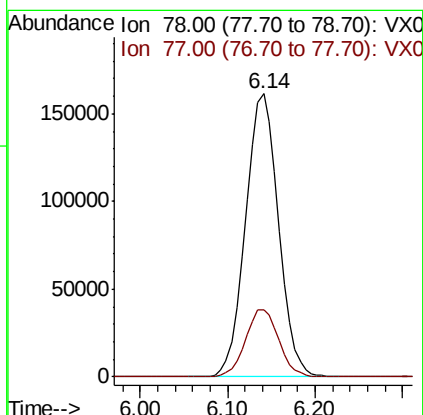
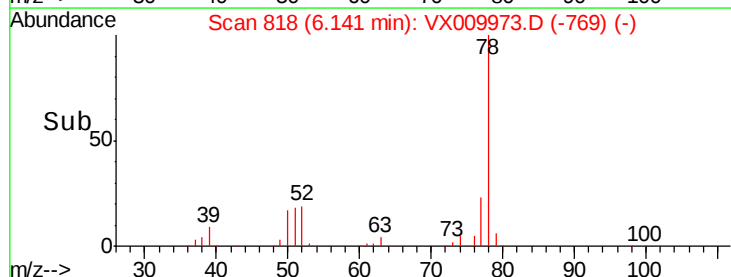
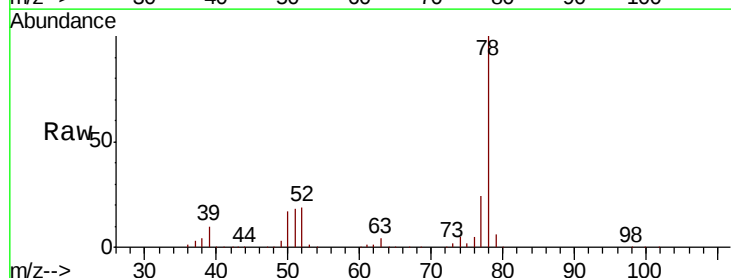
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

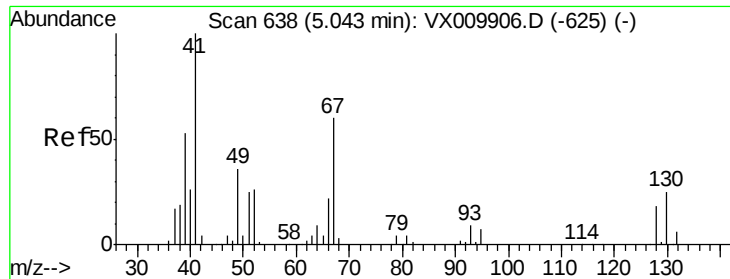
Tgt Ion: 83 Resp: 180047
Ion Ratio Lower Upper
83 100
55 88.7 67.7 101.5
98 44.5 35.5 53.3



#40
Benzene
Concen: 49.187 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX009973.D
Acq: 31 May 2019 09:36

Tgt Ion: 78 Resp: 423129
Ion Ratio Lower Upper
78 100
77 23.5 18.8 28.2

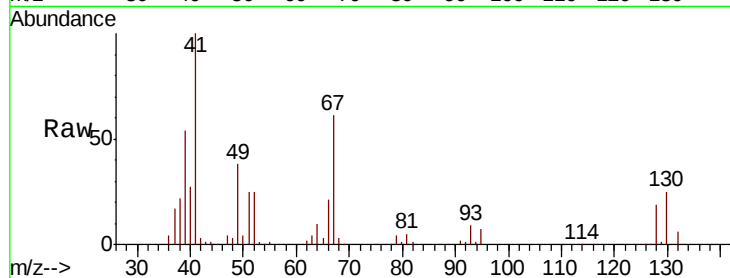




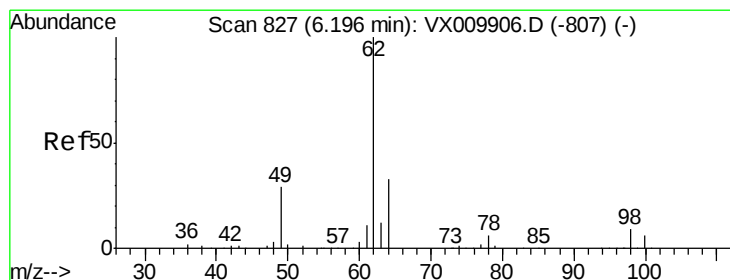
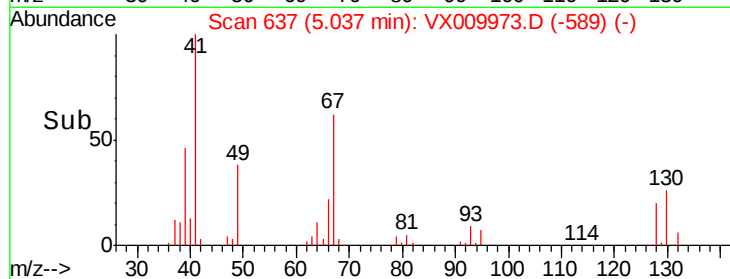
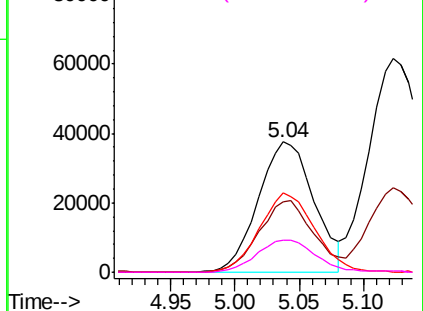
#41
Methacrylonitrile
Concen: 47.642 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX009973.D
Acq: 31 May 2019 09:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	112485
Ion	Ratio	Lower	Upper
41	100		
39	54.4	42.0	63.0
67	61.0	49.8	74.8
52	26.2	20.3	30.5

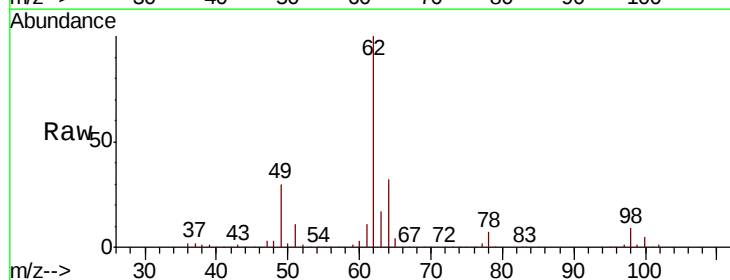


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

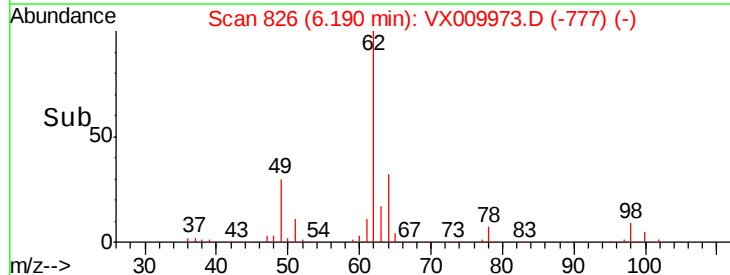
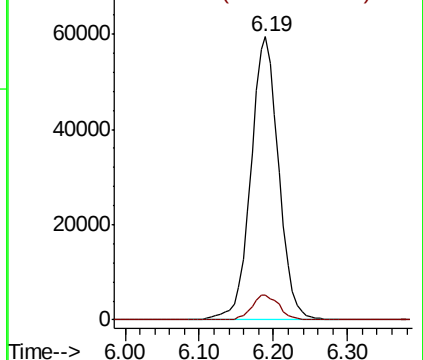


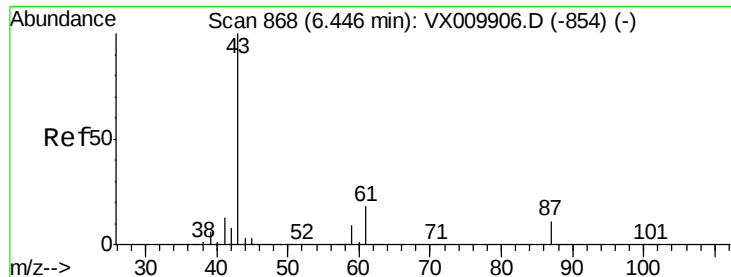
#42
1,2-Dichloroethane
Concen: 48.662 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX009973.D
Acq: 31 May 2019 09:36

Tgt Ion:	62	Resp:	154757
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	18.2



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 48.762 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX009973.D

Acq: 31 May 2019 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

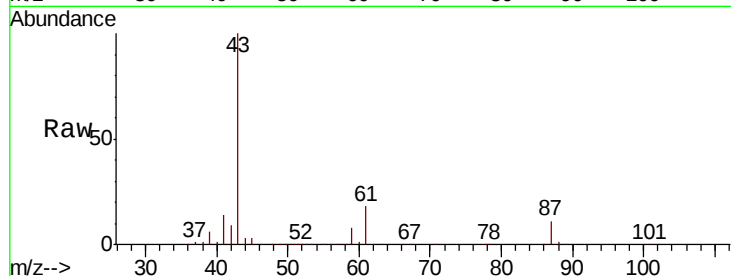
Tgt Ion: 43 Resp: 317913

Ion Ratio Lower Upper

43 100

61 17.9 15.1 22.7

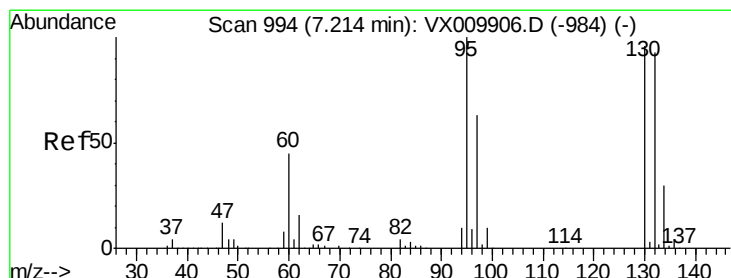
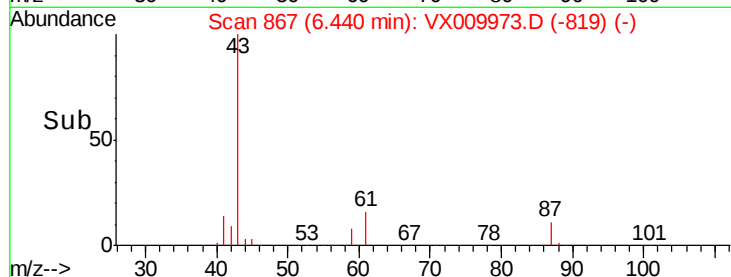
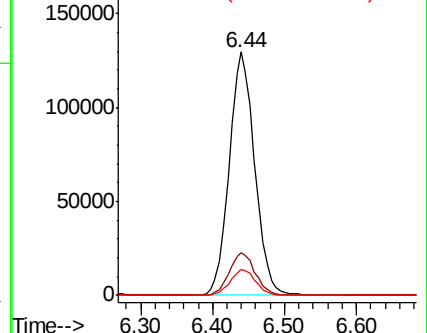
87 10.8 9.0 13.6



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: 48.010 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.01 min

Lab File: VX009973.D

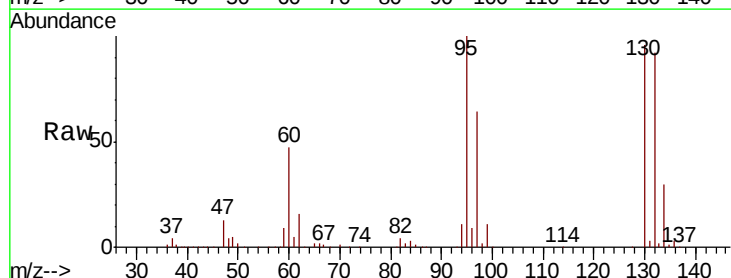
Acq: 31 May 2019 09:36

Tgt Ion: 130 Resp: 100318

Ion Ratio Lower Upper

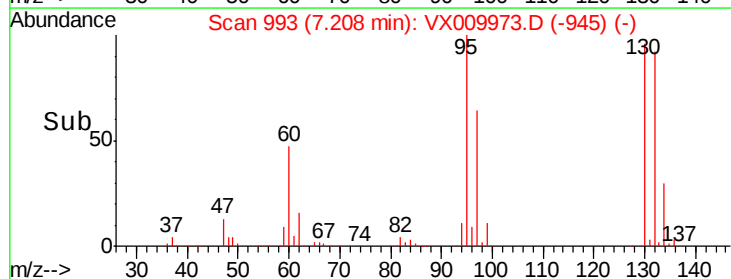
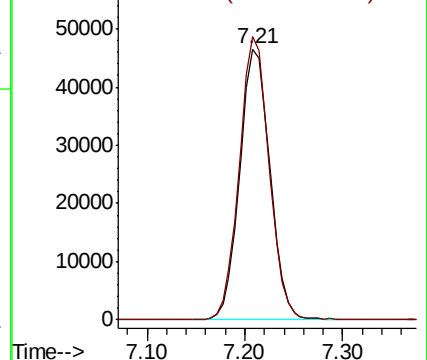
130 100

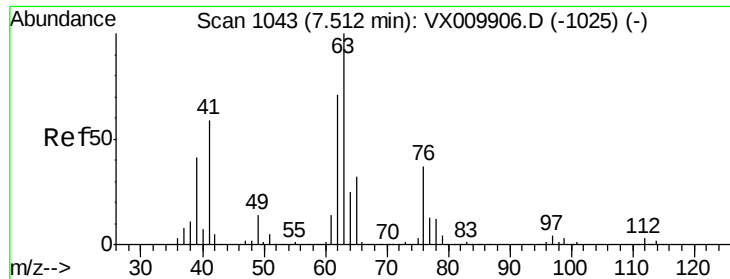
95 104.6 0.0 199.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 48.694 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX009973.D

Acq: 31 May 2019 09:36

Instrument :

MSVOA_X

ClientSampleId :

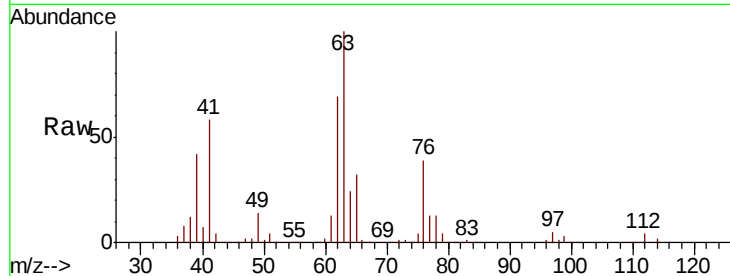
VSTDCCC050

Tgt Ion: 63 Resp: 120581

Ion Ratio Lower Upper

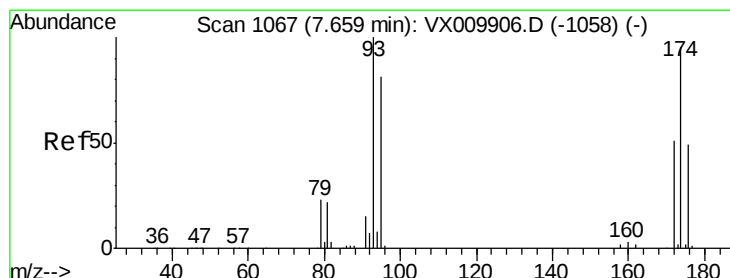
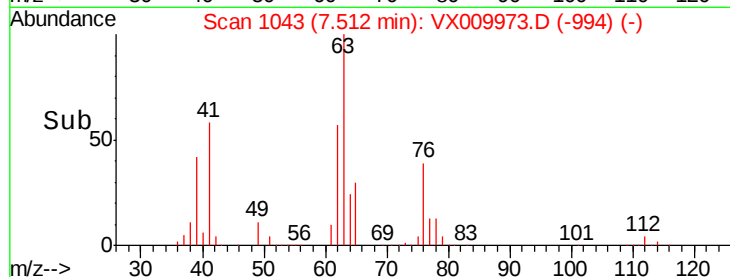
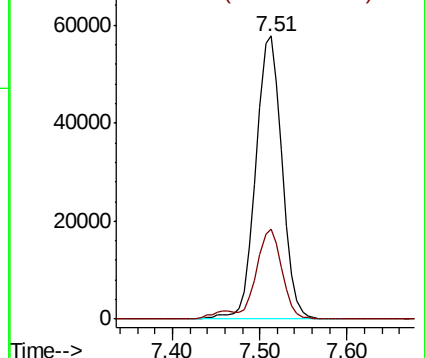
63 100

65 31.9 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 47.080 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX009973.D

Acq: 31 May 2019 09:36

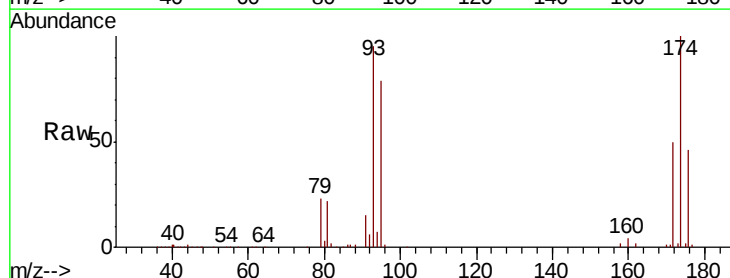
Tgt Ion: 93 Resp: 68625

Ion Ratio Lower Upper

93 100

95 83.3 66.5 99.7

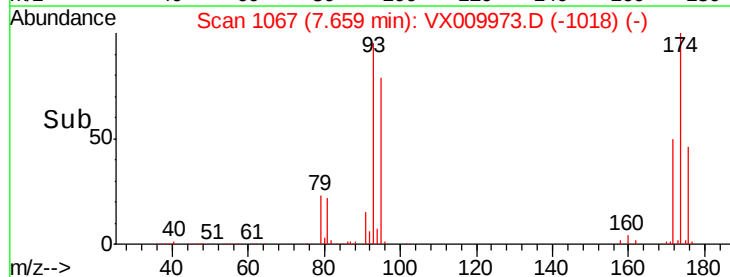
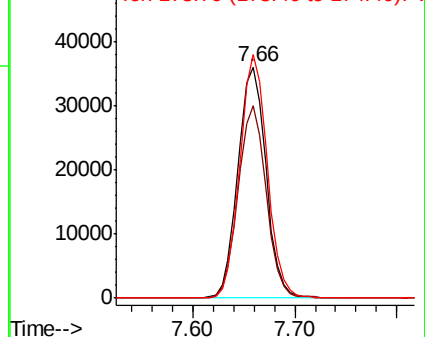
174 103.3 82.1 123.1

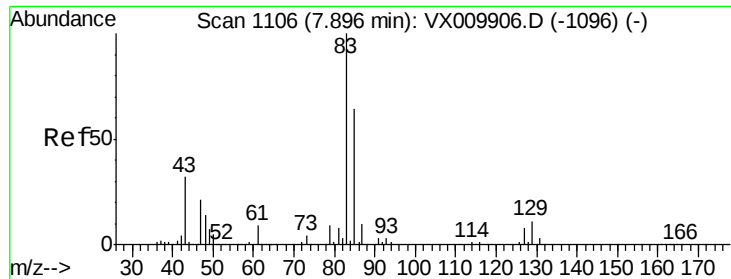


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 50.814 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX009973.D

Acq: 31 May 2019 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

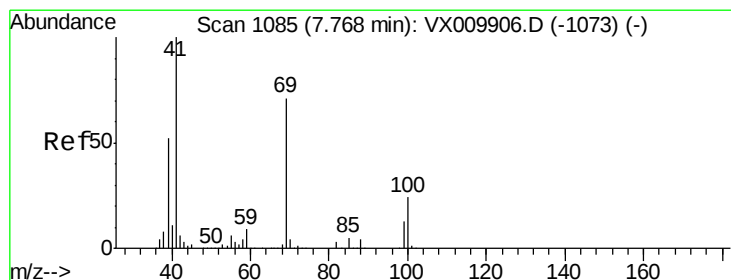
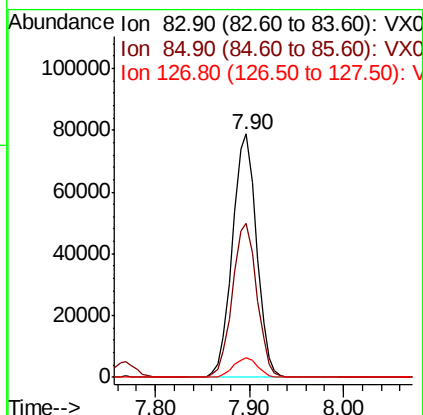
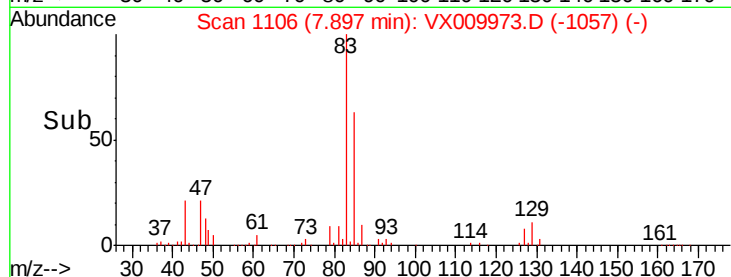
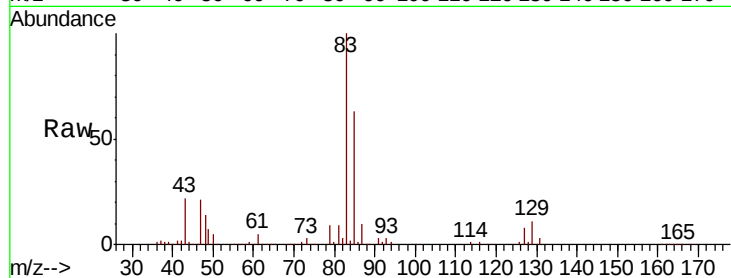
Tgt Ion: 83 Resp: 140848

Ion Ratio Lower Upper

83 100

85 63.4 52.4 78.6

127 8.1 6.6 10.0



#48

Methyl methacrylate

Concen: 50.532 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX009973.D

Acq: 31 May 2019 09:36

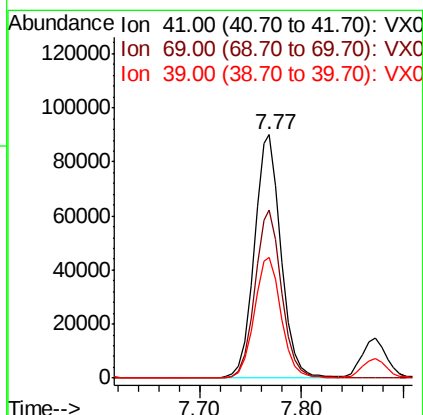
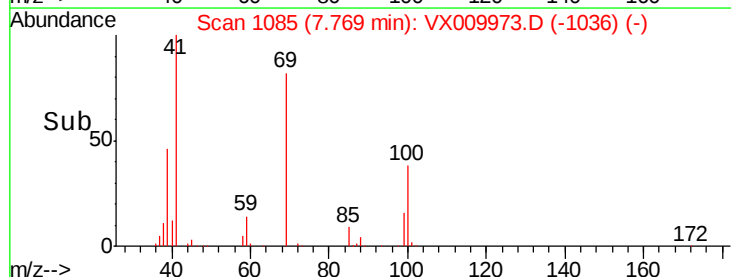
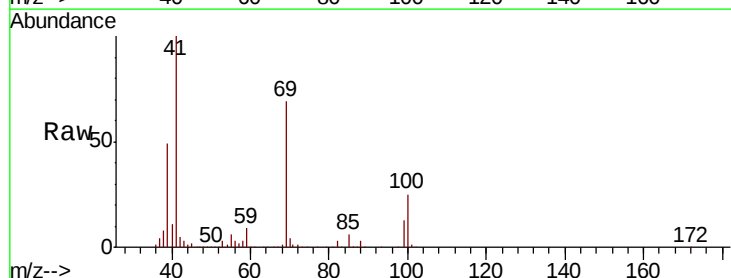
Tgt Ion: 41 Resp: 163092

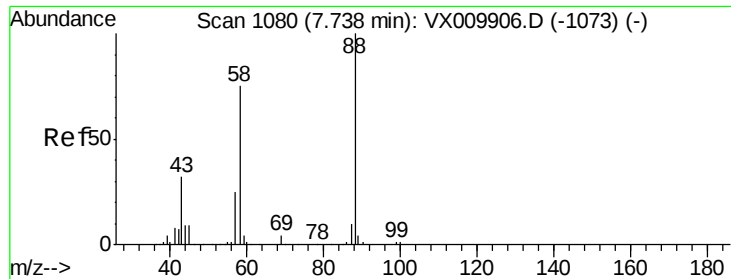
Ion Ratio Lower Upper

41 100

69 69.7 59.1 88.7

39 50.1 40.4 60.6

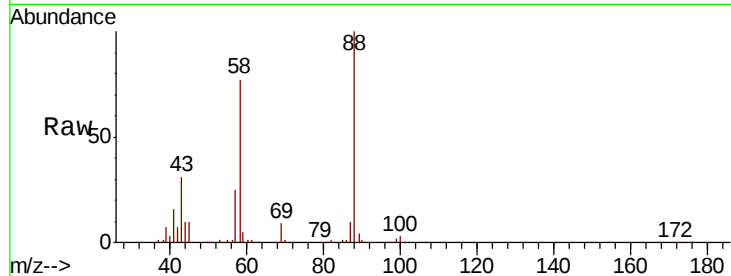




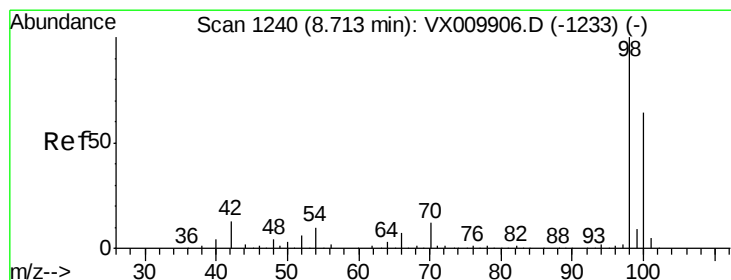
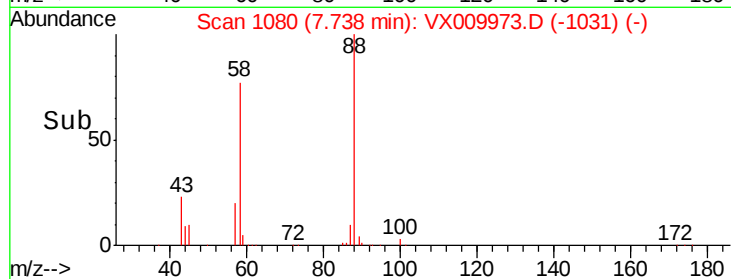
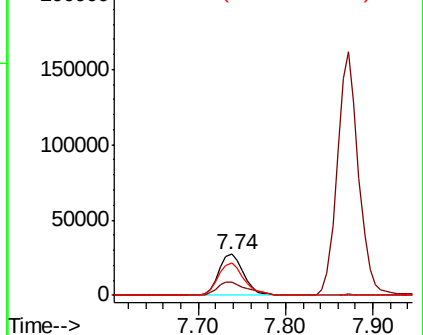
#49
1,4-Dioxane
Concen: 905.381 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX009973.D
Acq: 31 May 2019 09:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 54354
Ion Ratio Lower Upper
88 100
43 38.4 28.6 42.8
58 80.8 61.7 92.5

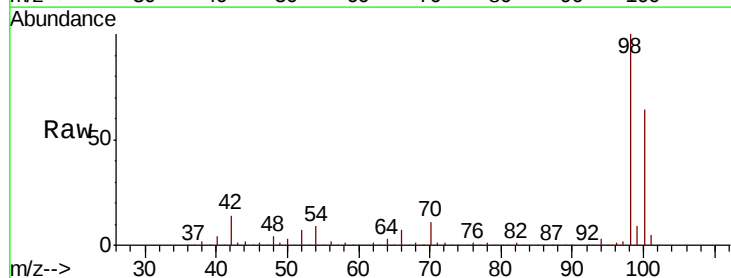


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

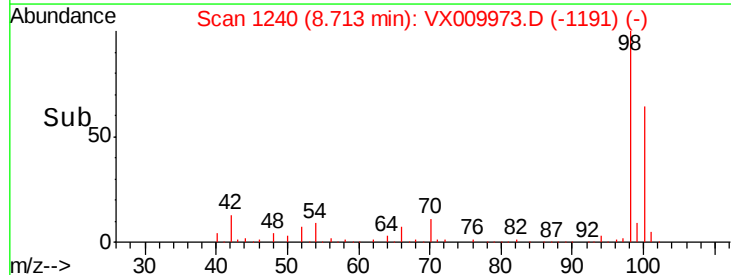
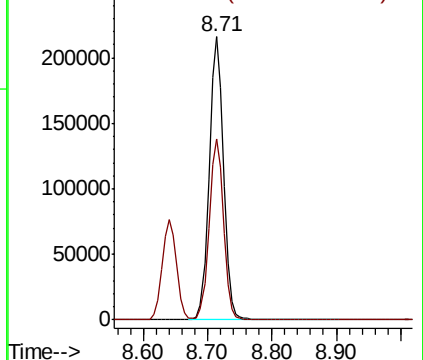


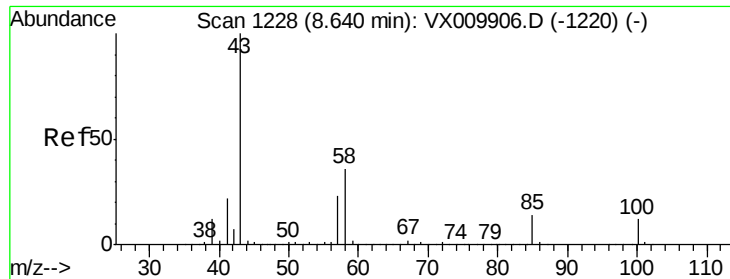
#50
Toluene-d8
Concen: 45.957 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009973.D
Acq: 31 May 2019 09:36

Tgt Ion: 98 Resp: 335337
Ion Ratio Lower Upper
98 100
100 64.2 51.2 76.8



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

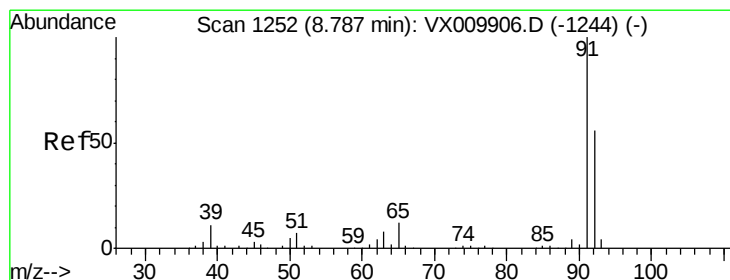
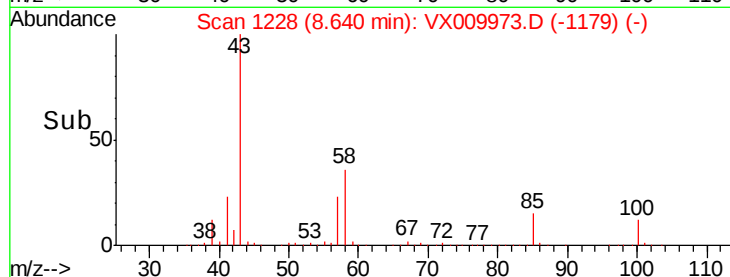
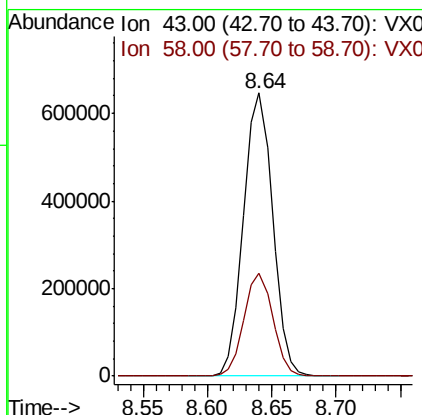
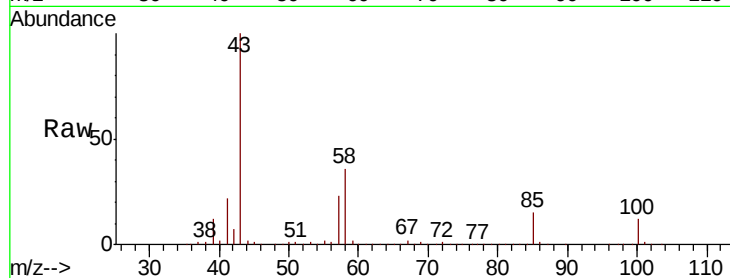




#51
 4-Methyl-2-Pentanone
 Concen: 239.267 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VX009973.D
 Acq: 31 May 2019 09:36

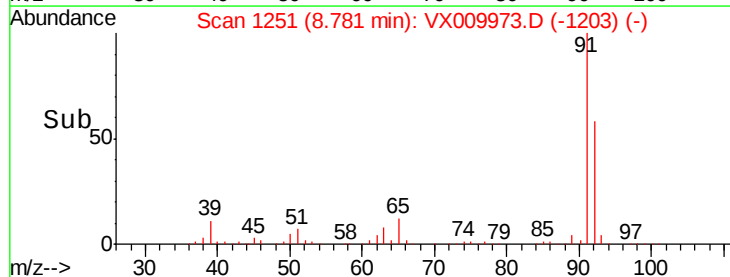
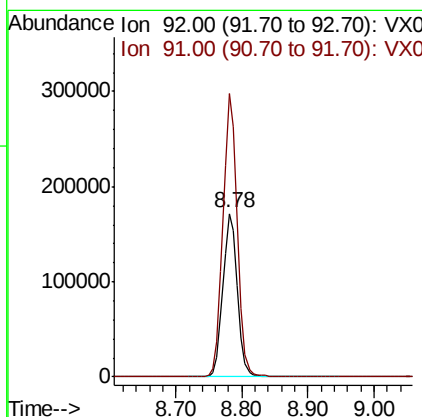
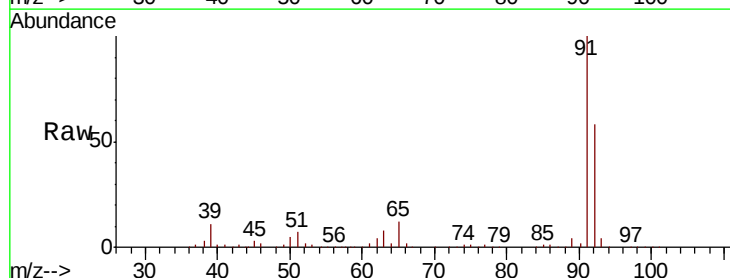
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

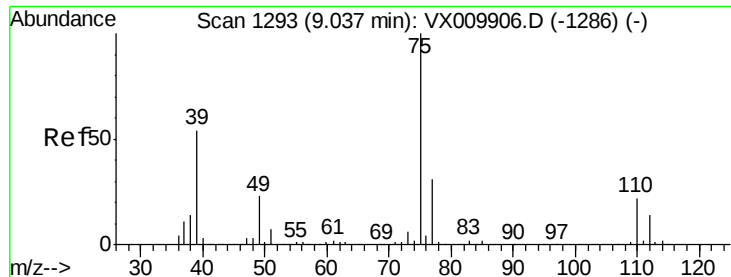
Tgt Ion: 43 Resp: 1014772
 Ion Ratio Lower Upper
 43 100
 58 35.9 29.5 44.3



#52
 Toluene
 Concen: 49.794 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: VX009973.D
 Acq: 31 May 2019 09:36

Tgt Ion: 92 Resp: 260079
 Ion Ratio Lower Upper
 92 100
 91 172.3 138.8 208.2

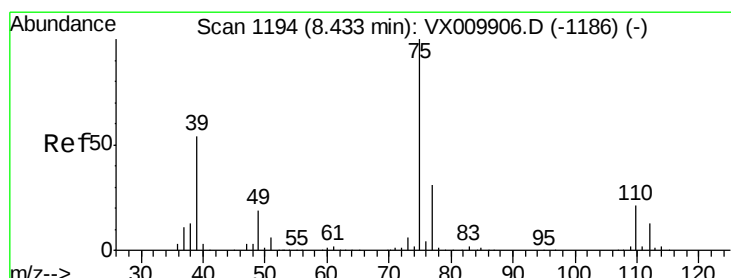
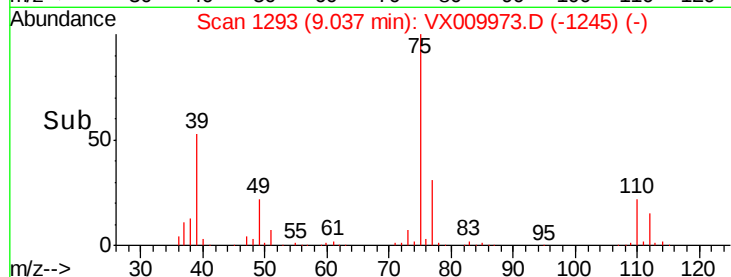
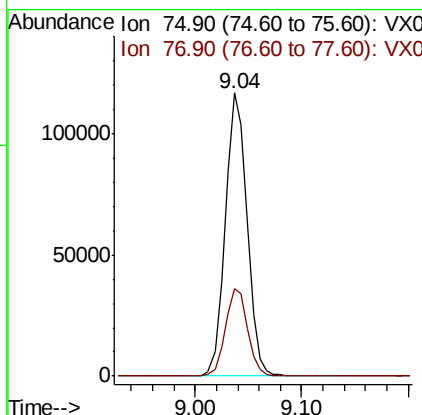
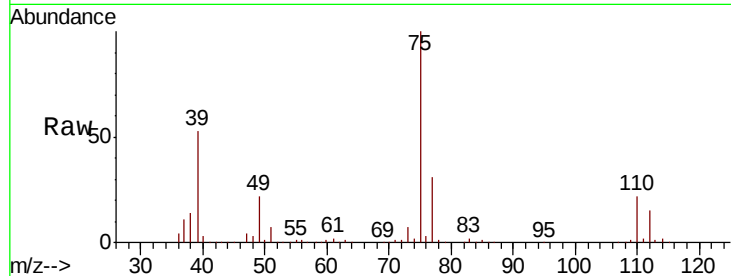




#53
t-1,3-Dichloropropene
Concen: 50.337 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. -0.01 min
Lab File: VX009973.D
Acq: 31 May 2019 09:36

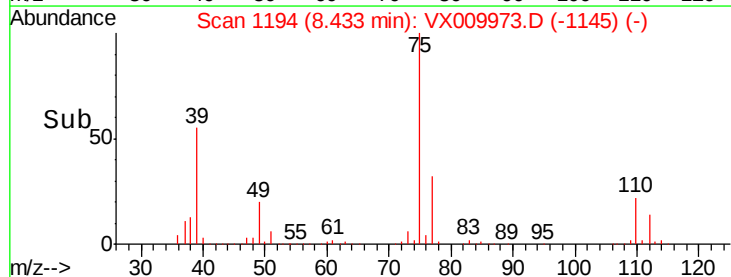
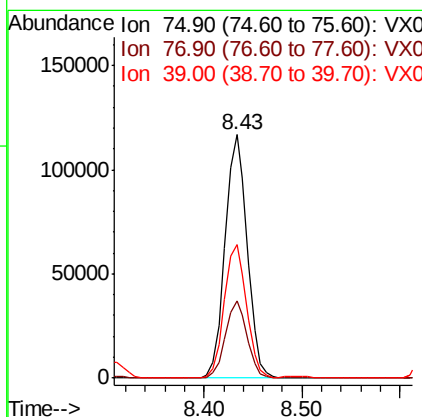
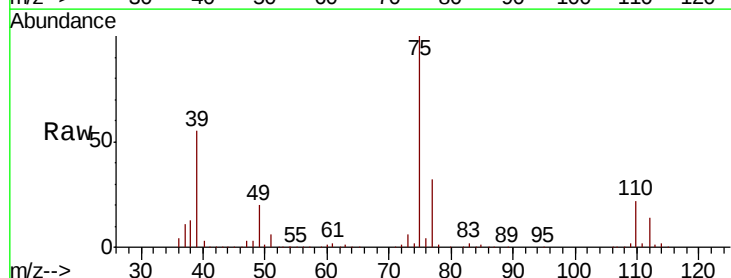
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

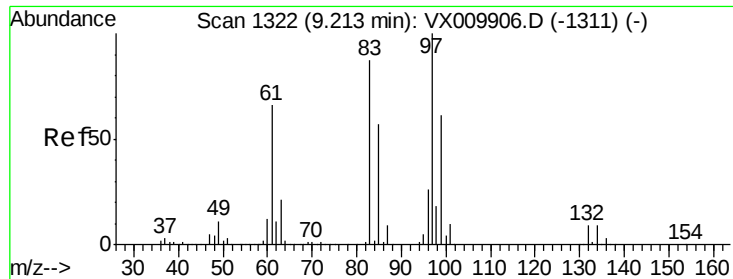
Tgt Ion: 75 Resp: 167335
Ion Ratio Lower Upper
75 100
77 31.1 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 50.552 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX009973.D
Acq: 31 May 2019 09:36

Tgt Ion: 75 Resp: 183098
Ion Ratio Lower Upper
75 100
77 31.5 24.6 36.8
39 54.7 40.6 60.8

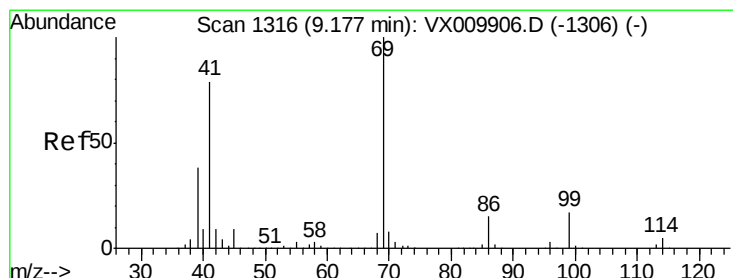
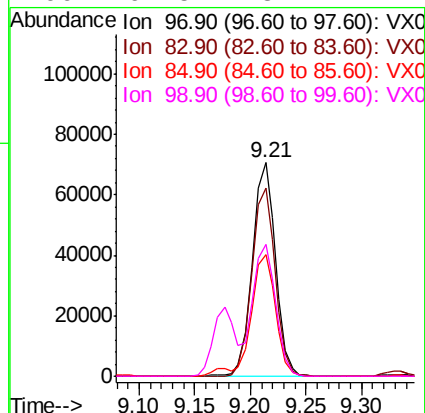
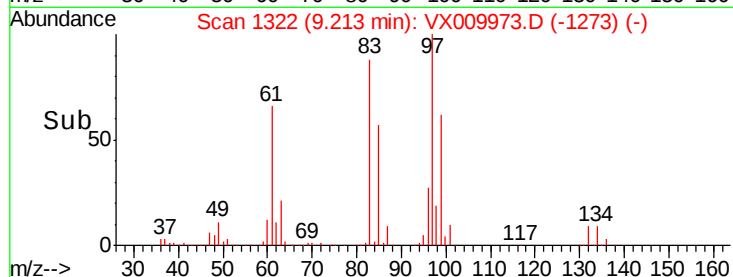
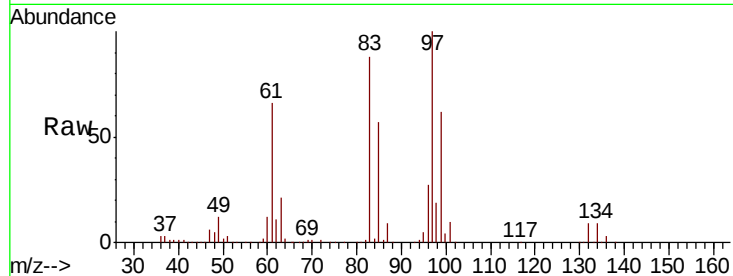




#55
 1,1,2-Trichloroethane
 Concen: 48.704 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX009973.D
 Acq: 31 May 2019 09:36

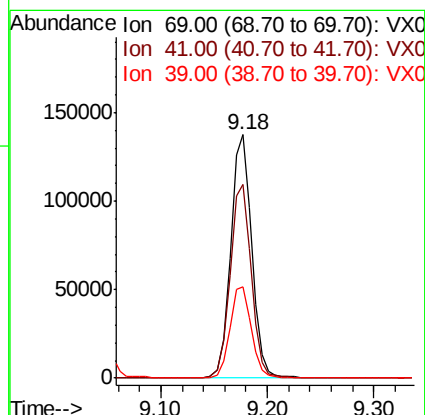
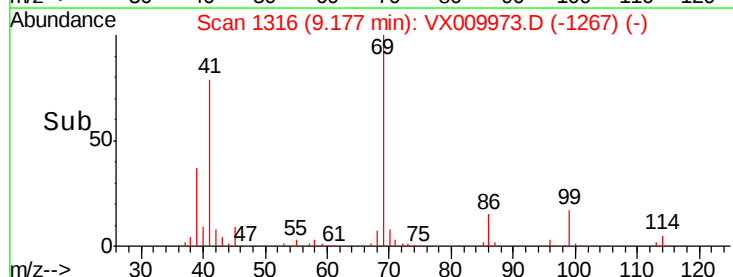
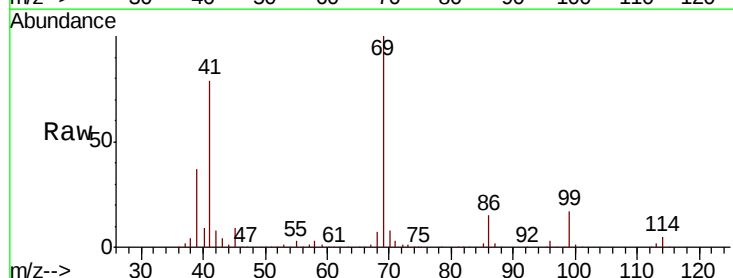
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

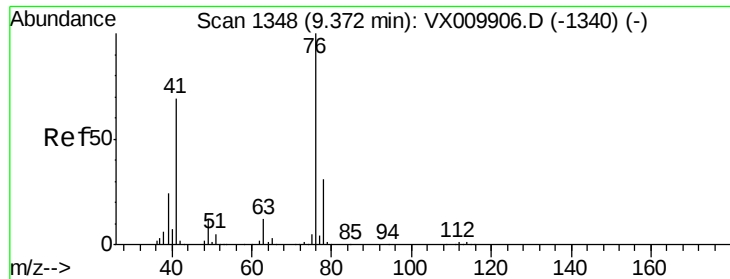
Tgt Ion:	97	Resp:	102386
Ion	Ratio	Lower	Upper
97	100		
83	87.9	68.9	103.3
85	57.2	43.8	65.6
99	61.5	48.2	72.2



#56
 Ethyl methacrylate
 Concen: 50.804 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX009973.D
 Acq: 31 May 2019 09:36

Tgt Ion:	69	Resp:	190138
Ion	Ratio	Lower	Upper
69	100		
41	79.8	60.6	90.8
39	37.9	28.2	42.4





#57

1,3-Dichloropropane

Concen: 48.537 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX009973.D

Acq: 31 May 2019 09:36

Instrument :

MSVOA_X

ClientSampleId :

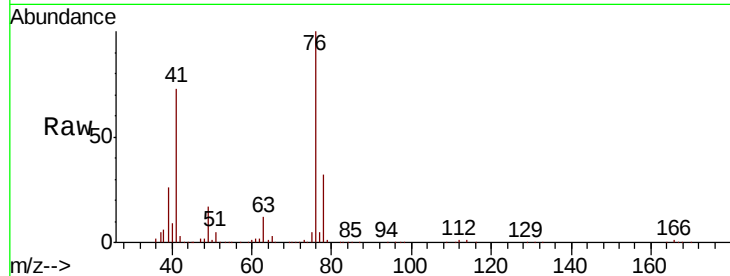
VSTDCCC050

Tgt Ion: 76 Resp: 183244

Ion Ratio Lower Upper

76 100

78 32.0 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

150000

100000

50000

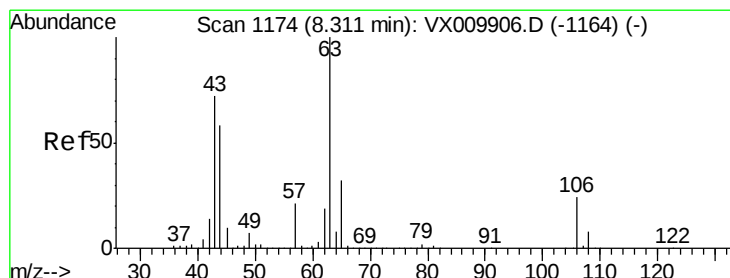
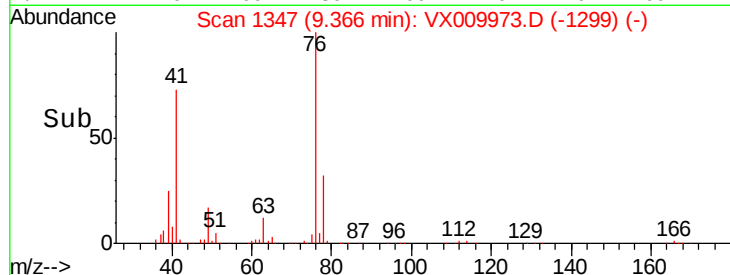
0

Time-->

9.30

9.40

9.50



#58

2-Chloroethyl Vinyl ether

Concen: 281.367 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX009973.D

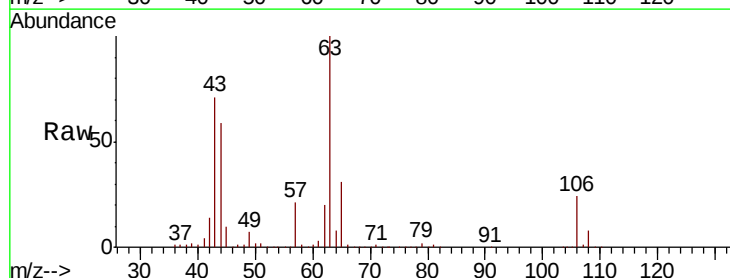
Acq: 31 May 2019 09:36

Tgt Ion: 63 Resp: 552188

Ion Ratio Lower Upper

63 100

106 24.0 19.7 29.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

400000

300000

200000

100000

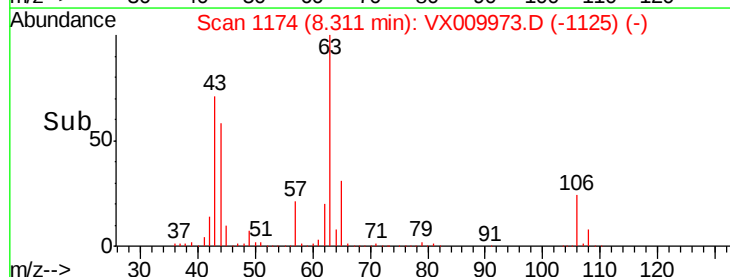
0

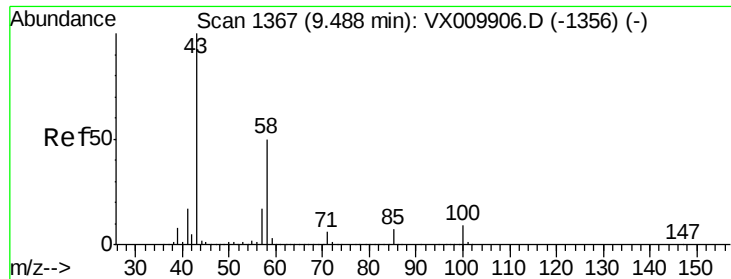
Time-->

8.20

8.30

8.40

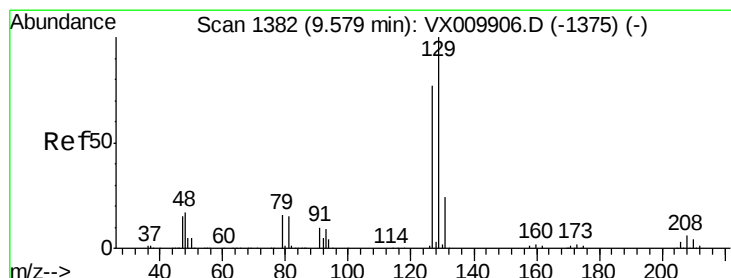
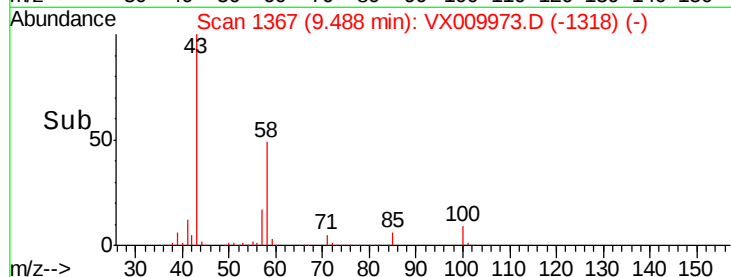
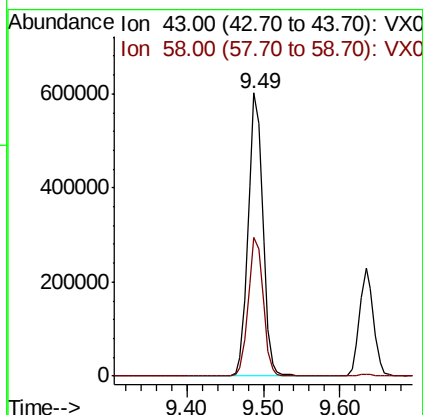
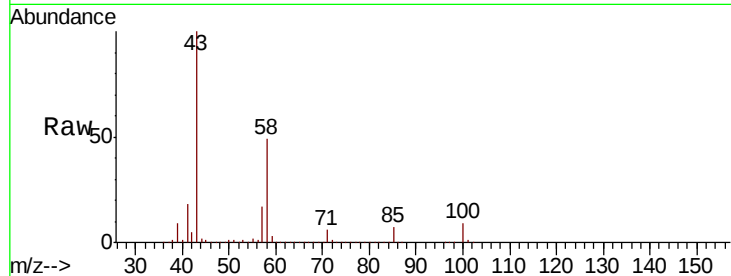




#59
2-Hexanone
Concen: 245.413 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX009973.D
Acq: 31 May 2019 09:36

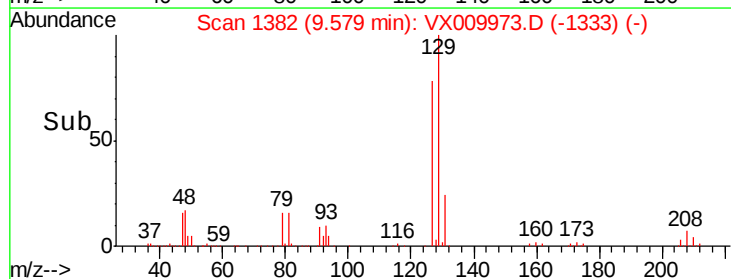
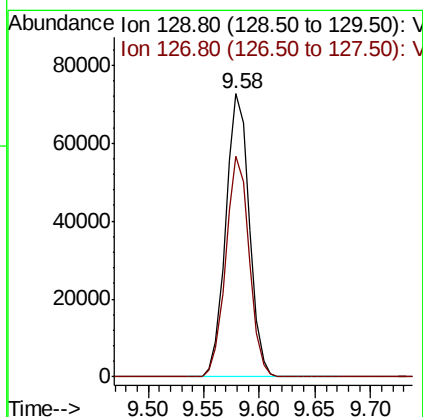
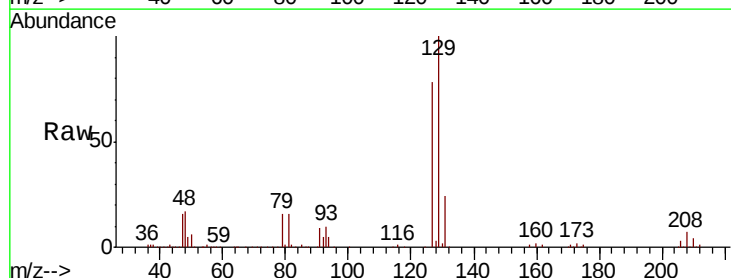
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

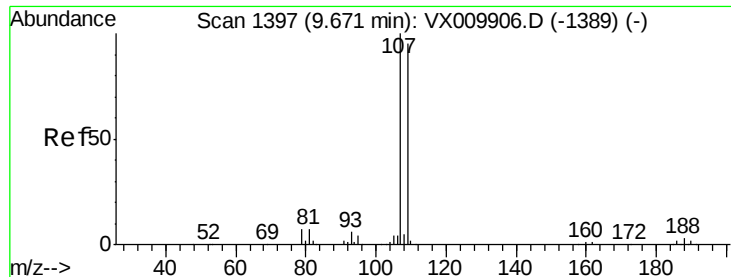
Tgt Ion: 43 Resp: 801344
Ion Ratio Lower Upper
43 100
58 49.8 25.9 77.7



#60
Dibromochloromethane
Concen: 51.380 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX009973.D
Acq: 31 May 2019 09:36

Tgt Ion: 129 Resp: 106251
Ion Ratio Lower Upper
129 100
127 77.5 38.4 115.1

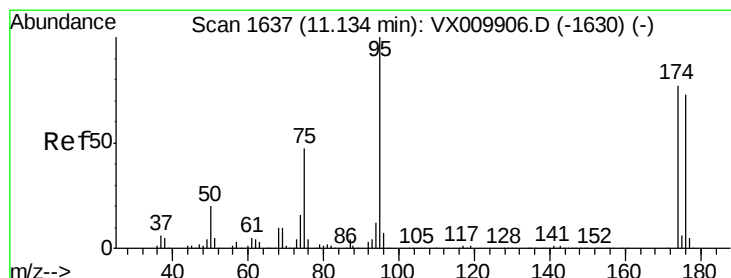
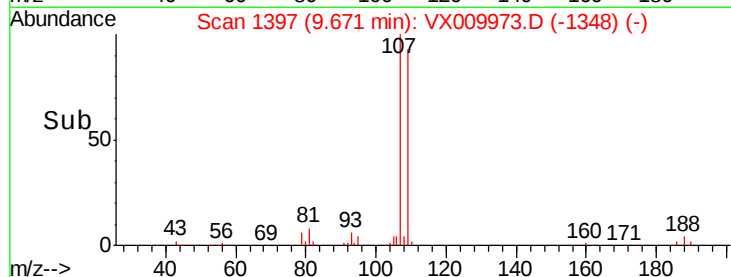
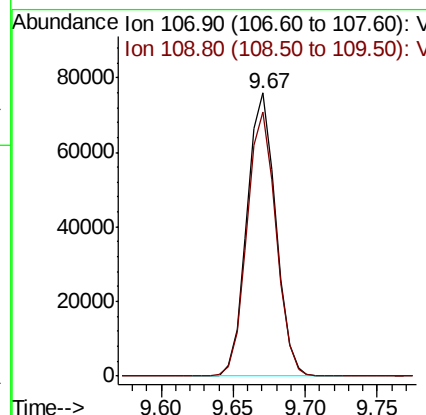
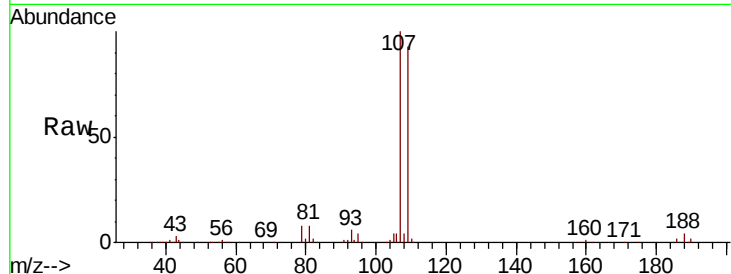




#61
 1,2-Dibromoethane
 Concen: 48.757 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX009973.D
 Acq: 31 May 2019 09:36

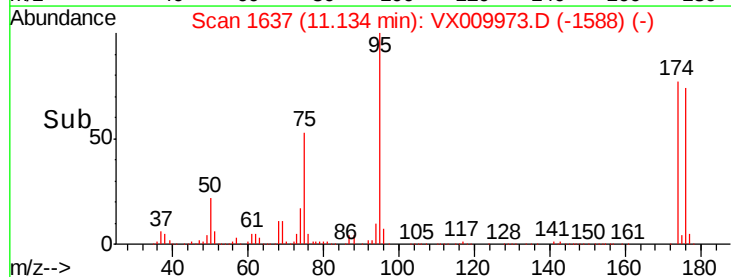
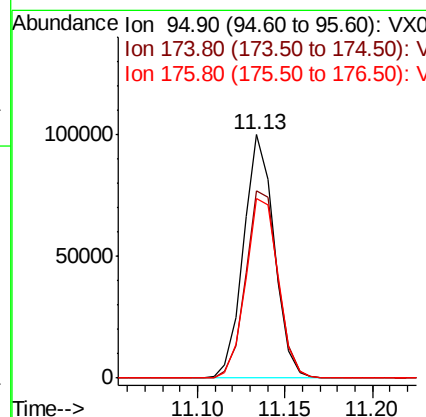
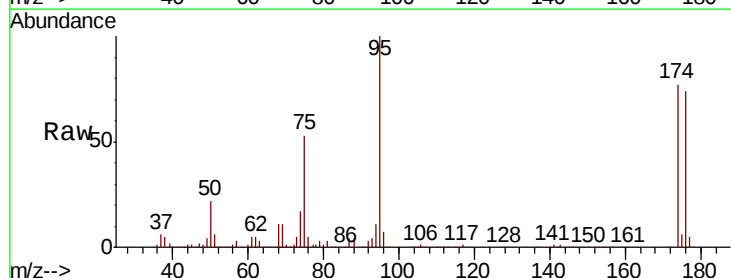
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

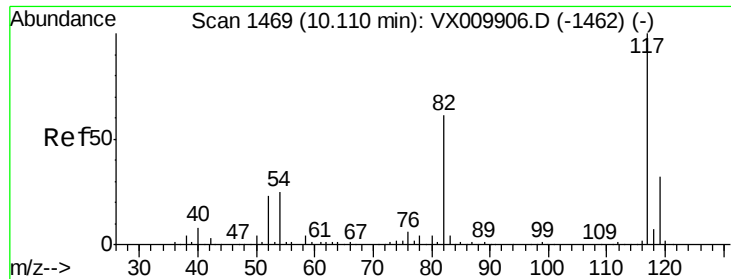
Tgt Ion: 107 Resp: 105301
 Ion Ratio Lower Upper
 107 100
 109 94.0 75.2 112.8



#62
 4-Bromofluorobenzene
 Concen: 46.528 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX009973.D
 Acq: 31 May 2019 09:36

Tgt Ion: 95 Resp: 121945
 Ion Ratio Lower Upper
 95 100
 174 80.7 0.0 161.6
 176 78.3 0.0 159.2

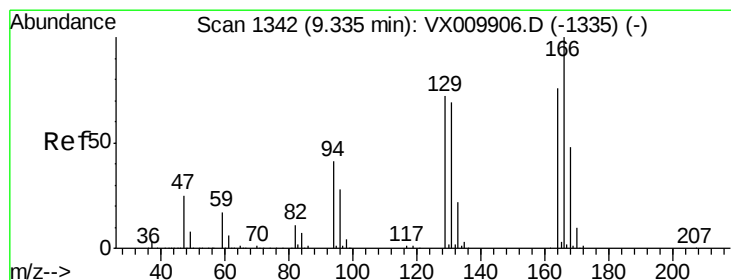
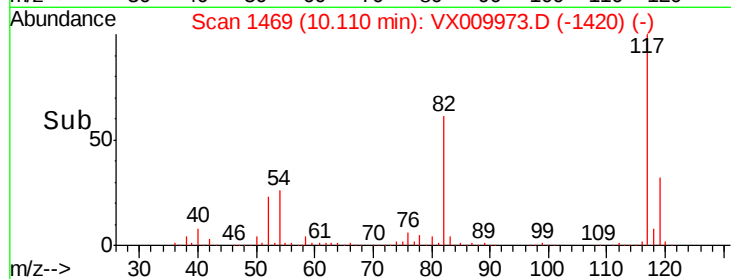
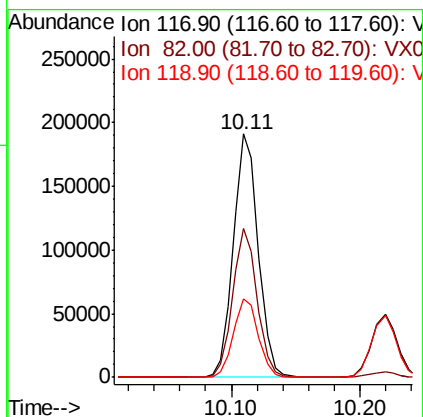
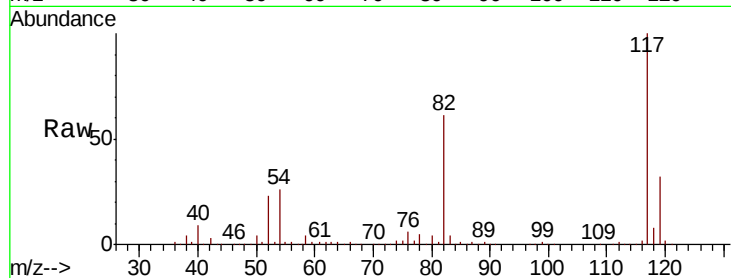




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009973.D
Acq: 31 May 2019 09:36

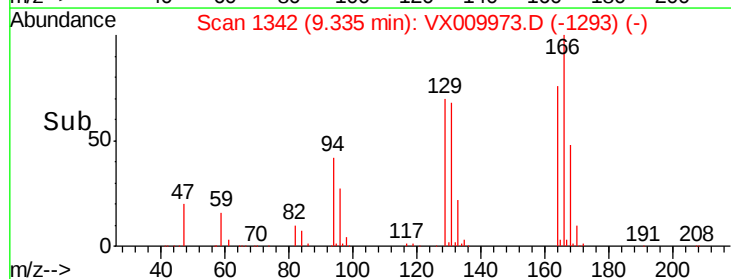
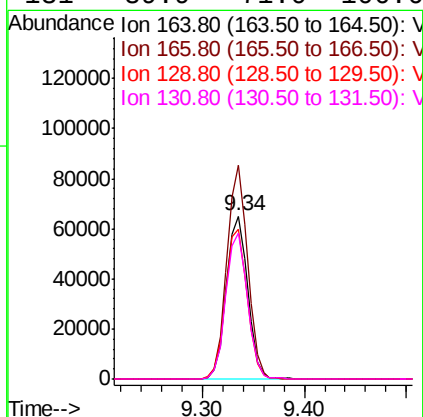
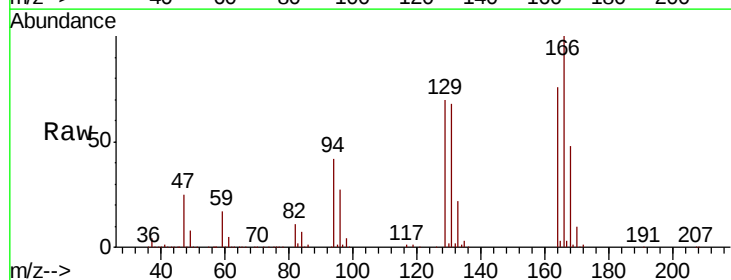
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

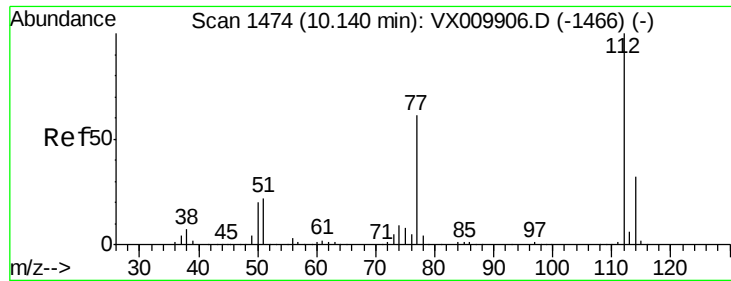
Tgt Ion:117 Resp: 257647
Ion Ratio Lower Upper
117 100
82 61.2 48.8 73.2
119 32.2 25.8 38.6



#64
Tetrachloroethene
Concen: 52.315 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009973.D
Acq: 31 May 2019 09:36

Tgt Ion:164 Resp: 94149
Ion Ratio Lower Upper
164 100
166 131.2 101.2 151.8
129 92.0 74.3 111.5
131 89.9 71.0 106.6

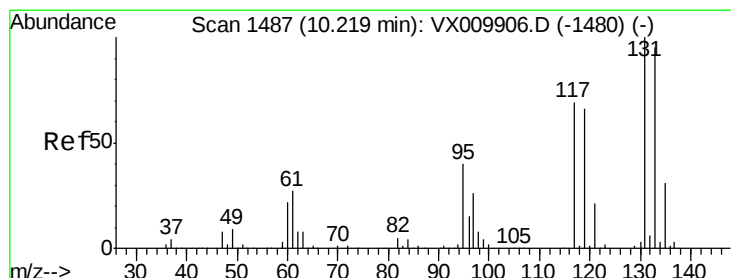
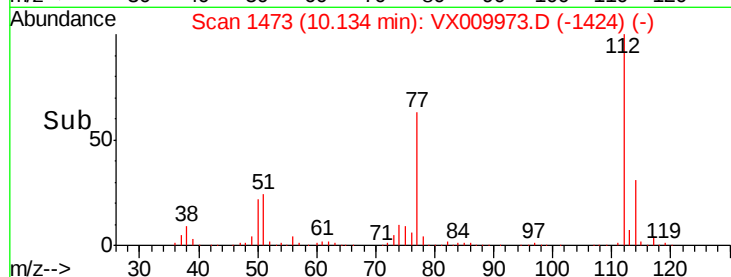
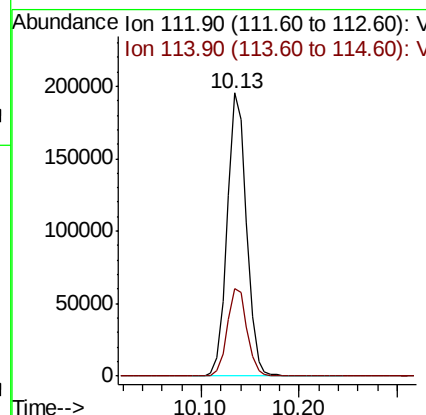
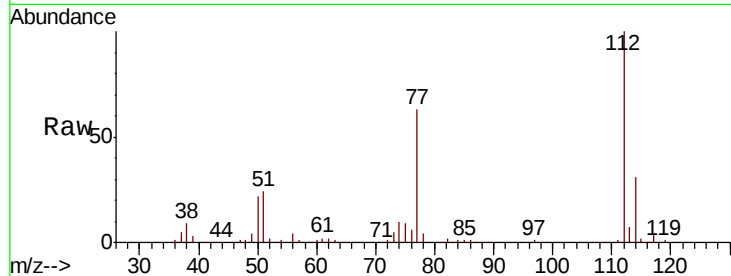




#65
Chlorobenzene
Concen: 49.483 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX009973.D
Acq: 31 May 2019 09:36

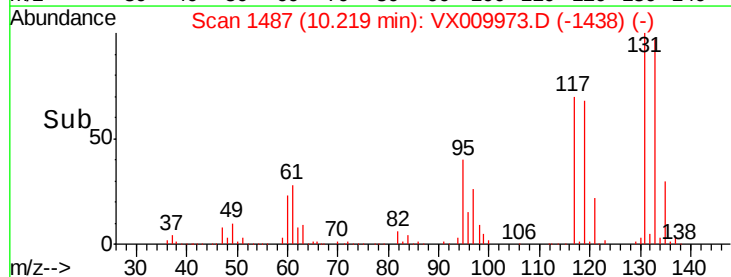
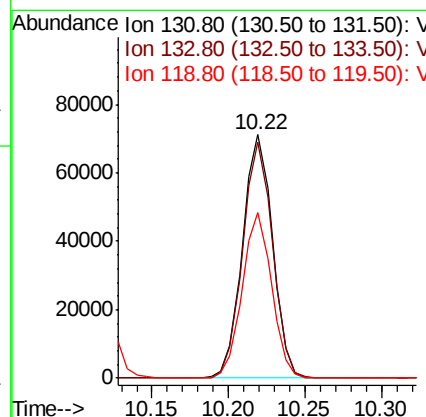
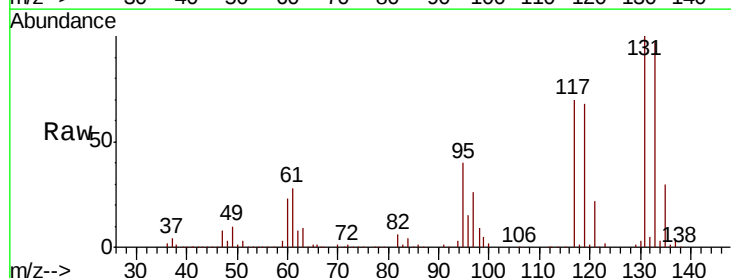
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

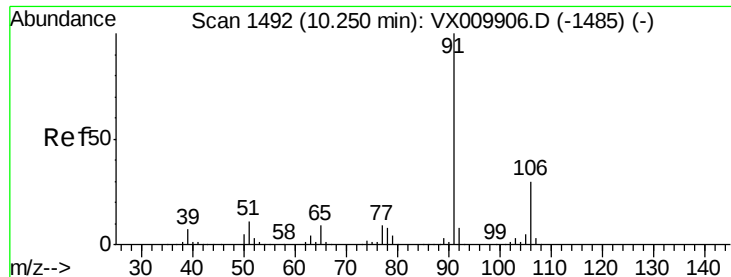
Tgt Ion:112 Resp: 266903
Ion Ratio Lower Upper
112 100
114 30.9 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 51.807 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX009973.D
Acq: 31 May 2019 09:36

Tgt Ion:131 Resp: 96921
Ion Ratio Lower Upper
131 100
133 96.4 47.7 143.1
119 66.8 33.5 100.4

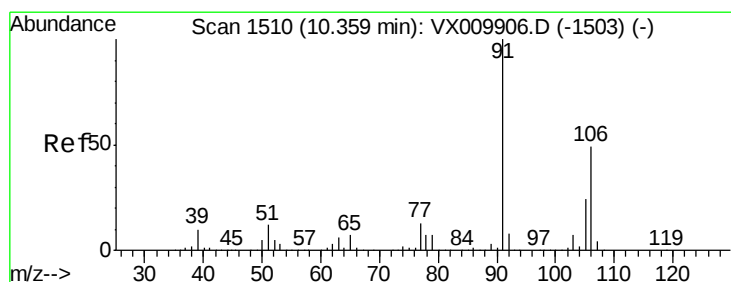
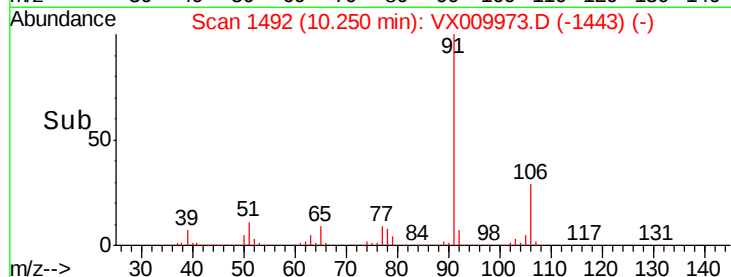
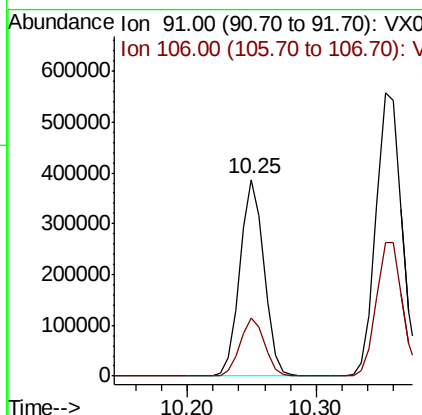
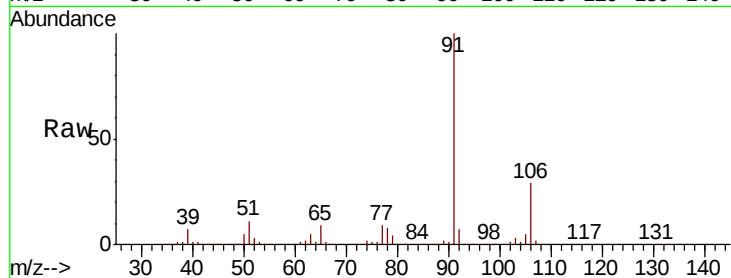




#67
Ethyl Benzene
Concen: 51.770 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX009973.D
Acq: 31 May 2019 09:36

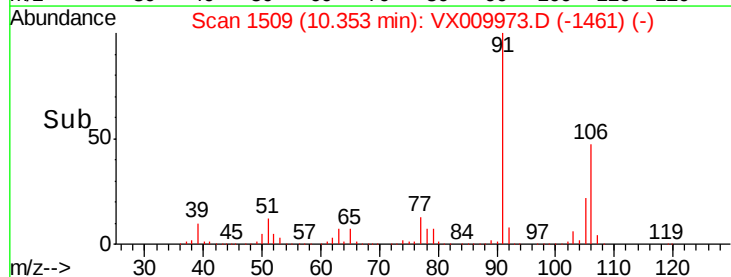
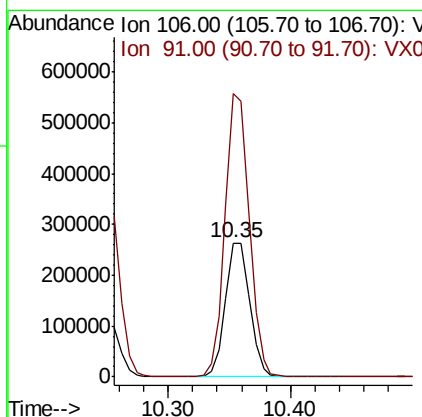
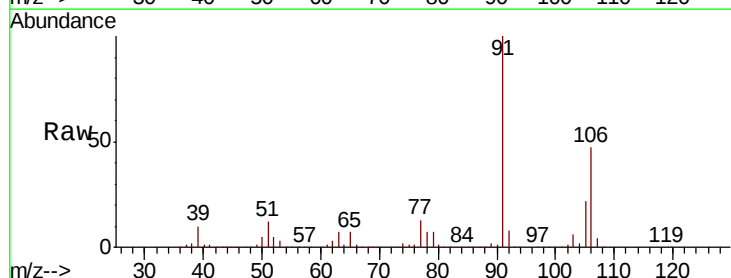
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

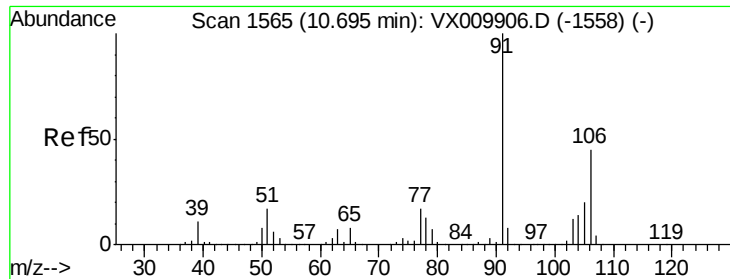
Tgt Ion: 91 Resp: 501382
Ion Ratio Lower Upper
91 100
106 29.5 24.0 36.0



#68
m/p-Xylenes
Concen: 102.306 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX009973.D
Acq: 31 May 2019 09:36

Tgt Ion: 106 Resp: 366040
Ion Ratio Lower Upper
106 100
91 209.1 164.0 246.0

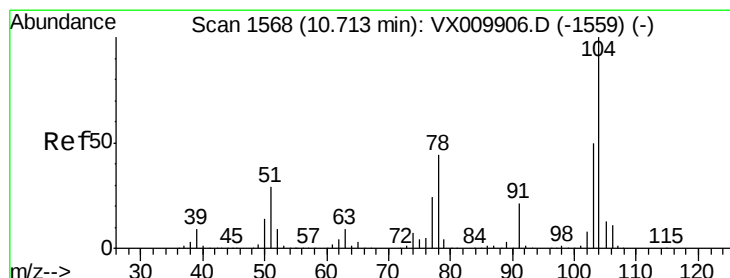
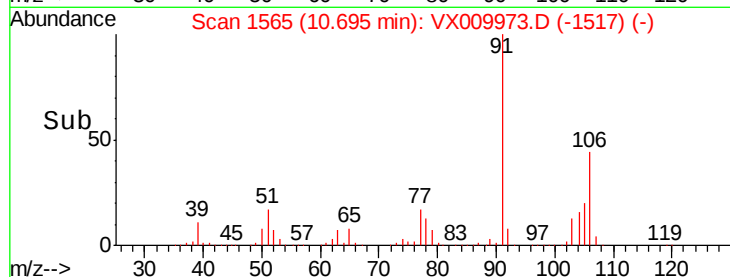
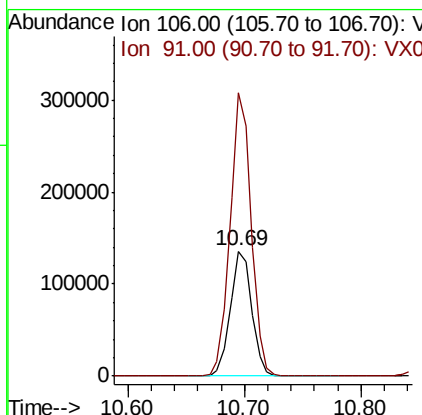
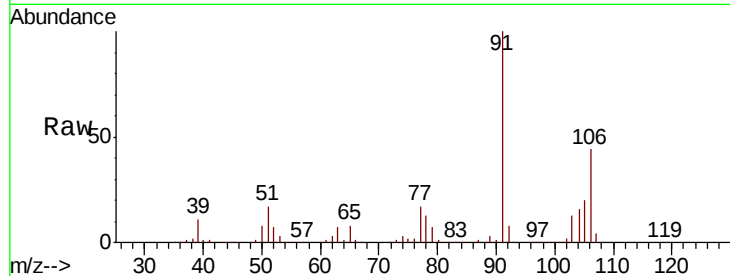




#69
o-Xylene
Concen: 50.948 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX009973.D
Acq: 31 May 2019 09:36

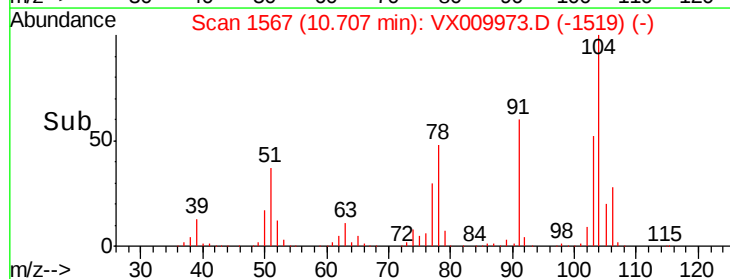
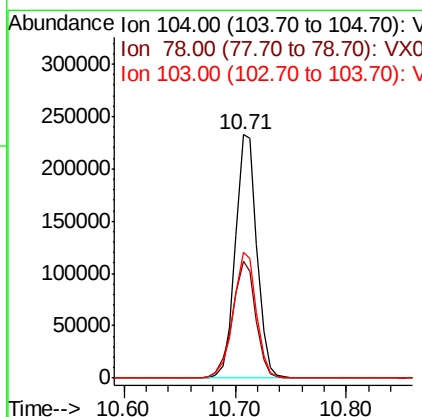
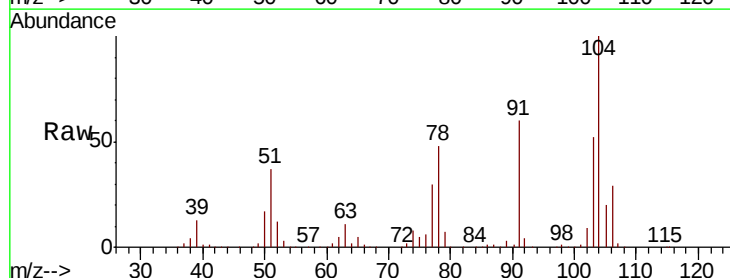
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

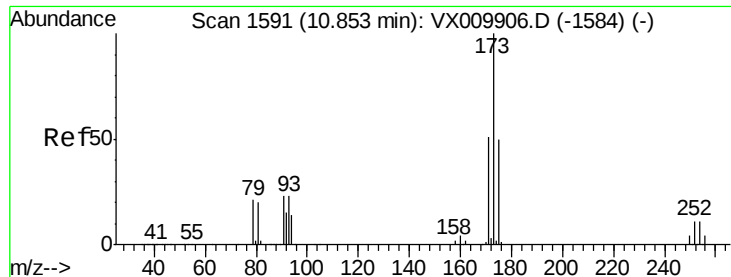
Tgt Ion:106 Resp: 174821
Ion Ratio Lower Upper
106 100
91 222.1 109.5 328.4



#70
Styrene
Concen: 51.551 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX009973.D
Acq: 31 May 2019 09:36

Tgt Ion:104 Resp: 310177
Ion Ratio Lower Upper
104 100
78 52.0 41.0 61.4
103 55.2 43.8 65.6





#71

Bromoform

Concen: 52.669 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX009973.D

Acq: 31 May 2019 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

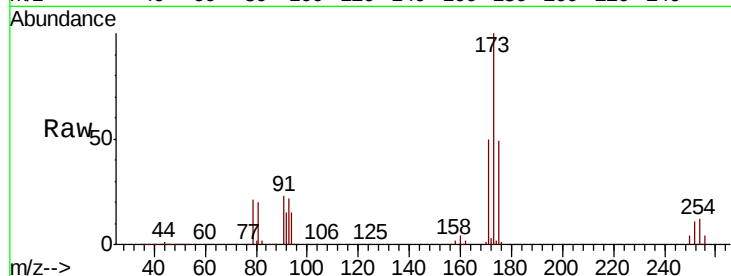
Tgt Ion:173 Resp: 80543

Ion Ratio Lower Upper

173 100

175 49.7 24.5 73.5

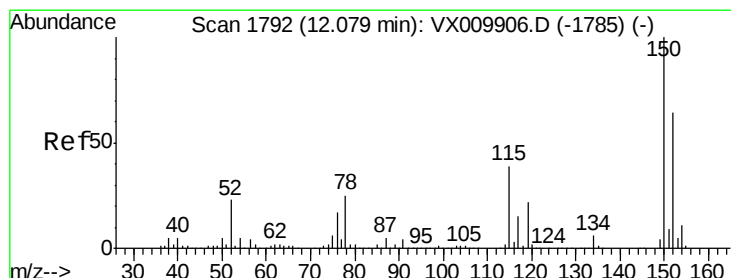
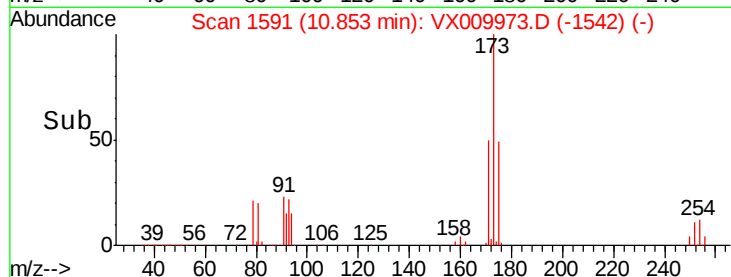
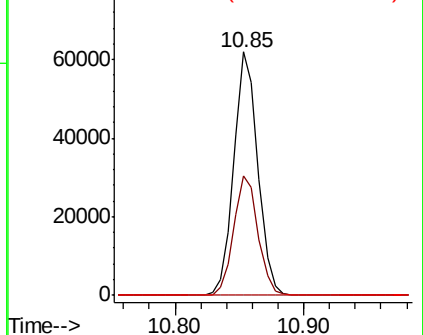
254 0.2 0.1 0.1#



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: VX009973.D

Acq: 31 May 2019 09:36

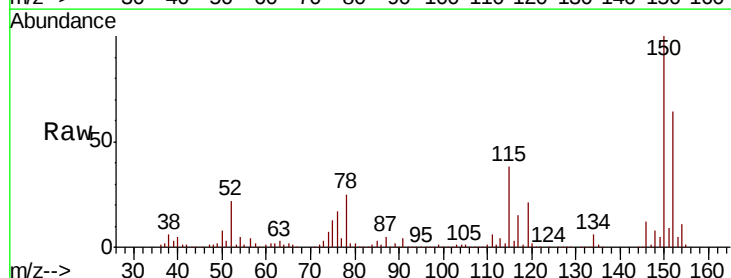
Tgt Ion:152 Resp: 128470

Ion Ratio Lower Upper

152 100

115 82.3 41.2 123.6

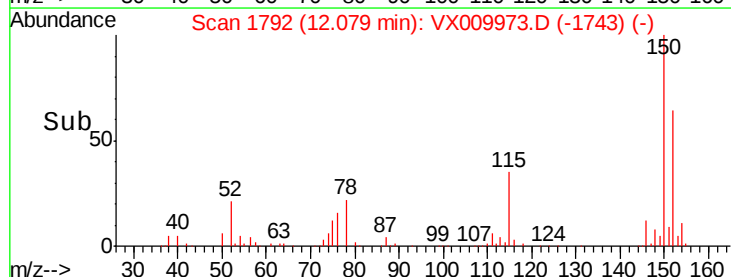
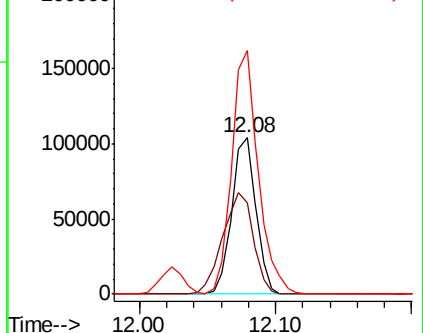
150 170.8 0.0 346.4

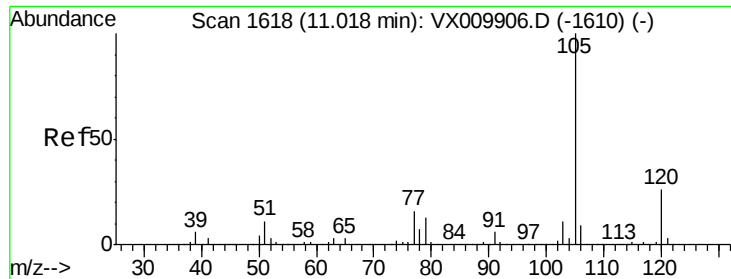


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.185 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX009973.D

Acq: 31 May 2019 09:36

Instrument :

MSVOA_X

ClientSampleId :

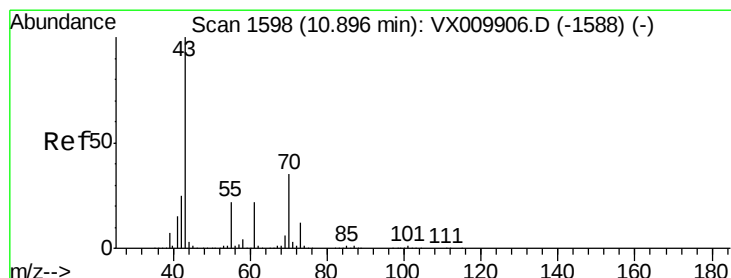
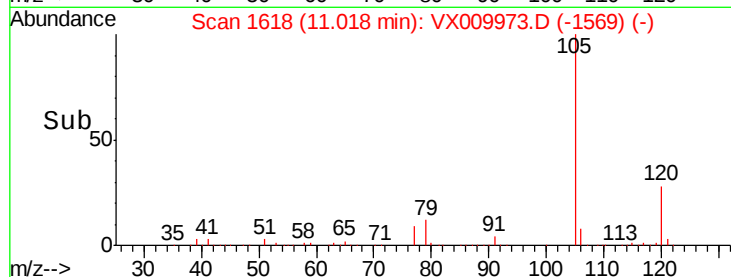
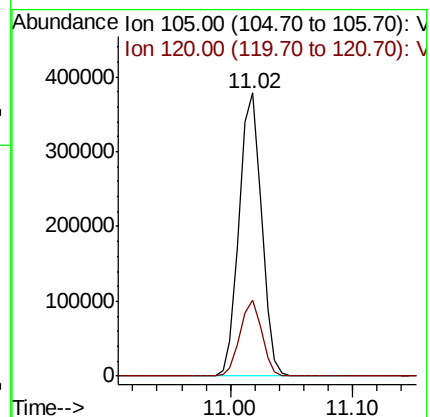
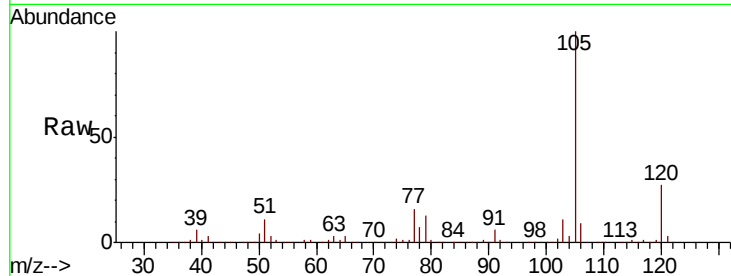
VSTDCCC050

Tgt Ion:105 Resp: 475692

Ion Ratio Lower Upper

105 100

120 26.1 12.8 38.3



#74

N-ethyl acetate

Concen: 49.143 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX009973.D

Acq: 31 May 2019 09:36

Tgt Ion: 43 Resp: 278350

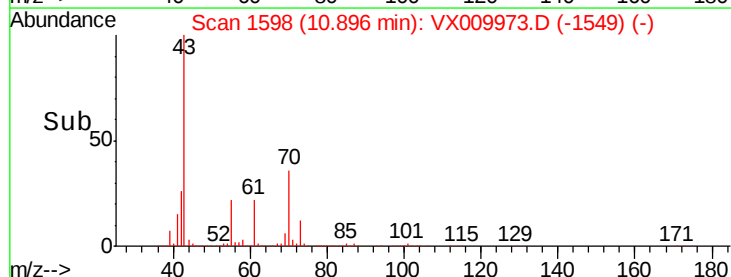
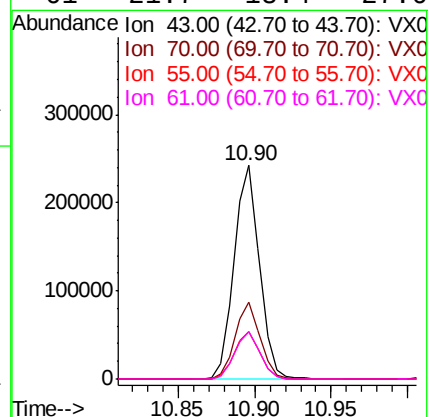
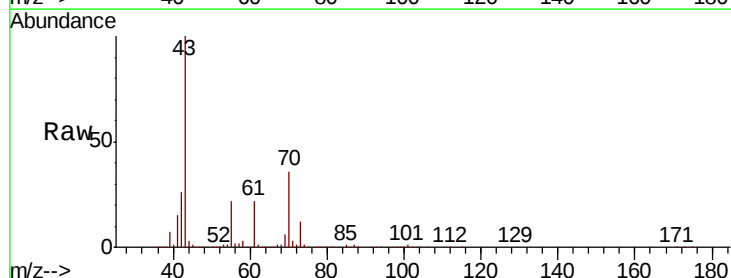
Ion Ratio Lower Upper

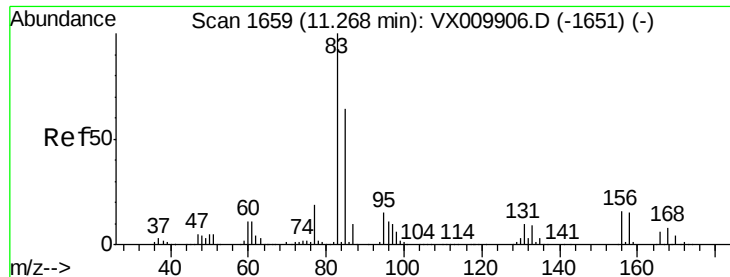
43 100

70 35.2 30.0 45.0

55 22.2 17.9 26.9

61 21.7 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 47.284 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX009973.D

Acq: 31 May 2019 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

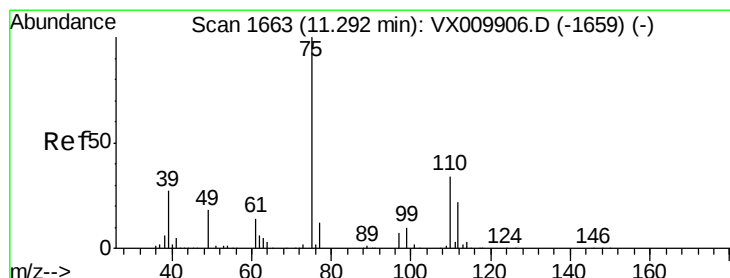
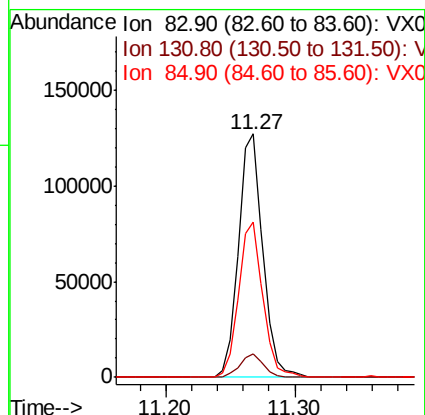
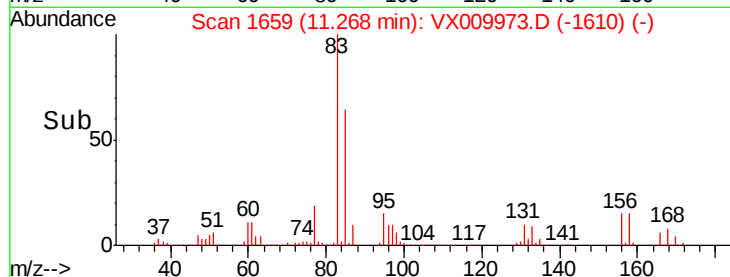
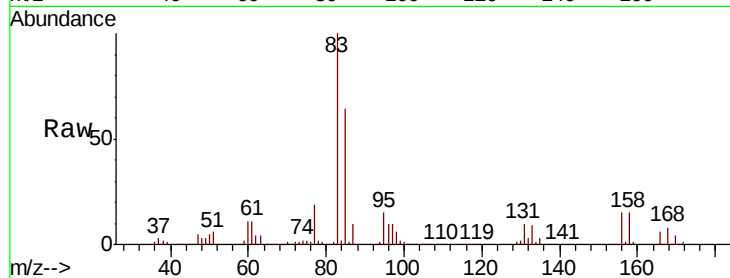
Tgt Ion: 83 Resp: 167211

Ion Ratio Lower Upper

83 100

131 9.1 4.6 13.8

85 63.6 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 55.830 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX009973.D

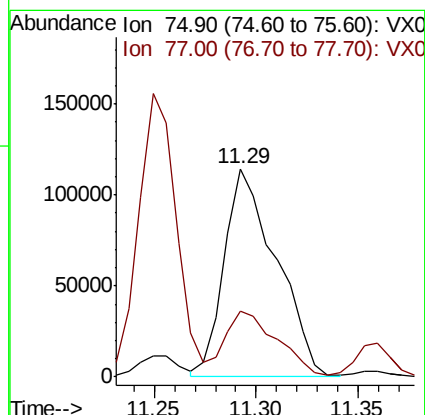
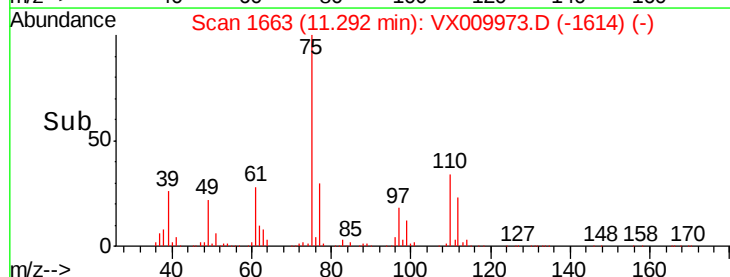
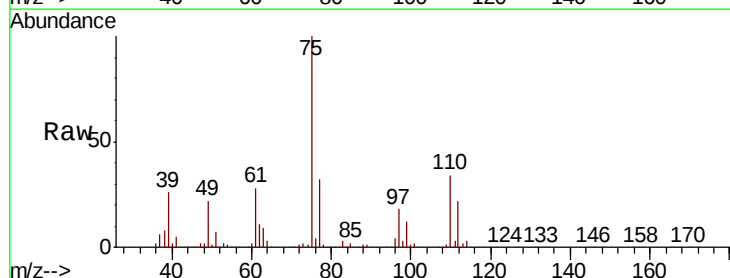
Acq: 31 May 2019 09:36

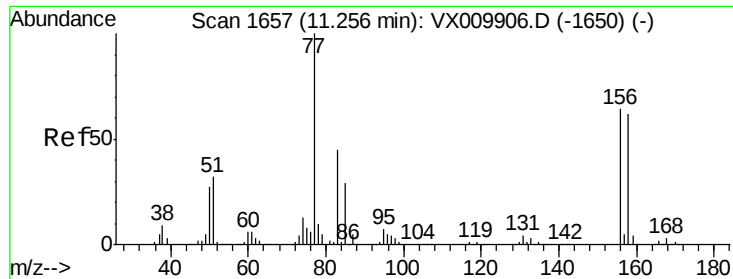
Tgt Ion: 75 Resp: 203045

Ion Ratio Lower Upper

75 100

77 31.6 22.1 66.1





#77

Bromobenzene

Concen: 48.019 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX009973.D

Acq: 31 May 2019 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

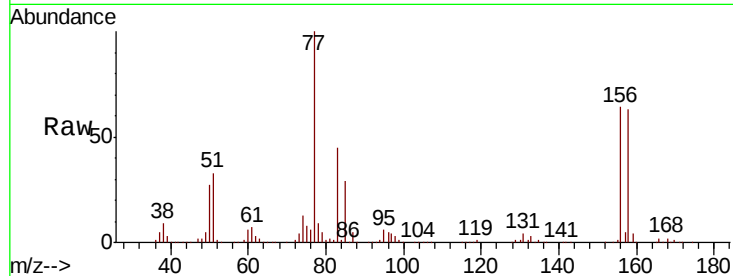
Tgt Ion:156 Resp: 115996

Ion Ratio Lower Upper

156 100

77 172.2 84.8 254.3

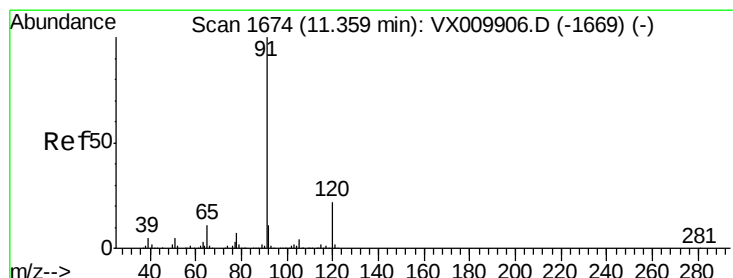
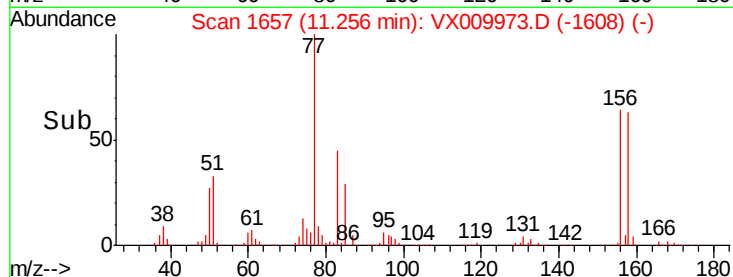
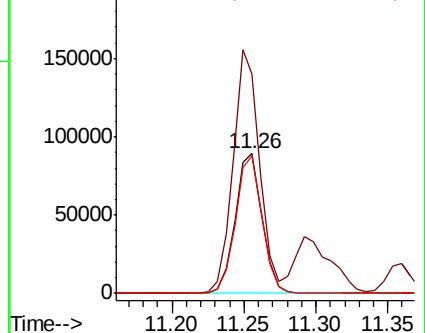
158 97.5 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.879 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009973.D

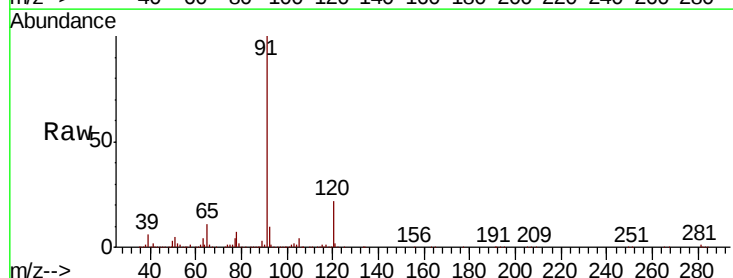
Acq: 31 May 2019 09:36

Tgt Ion: 91 Resp: 566823

Ion Ratio Lower Upper

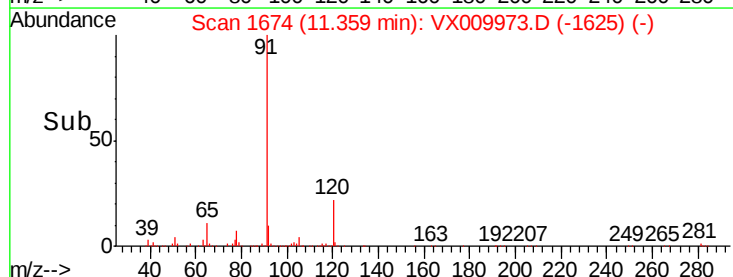
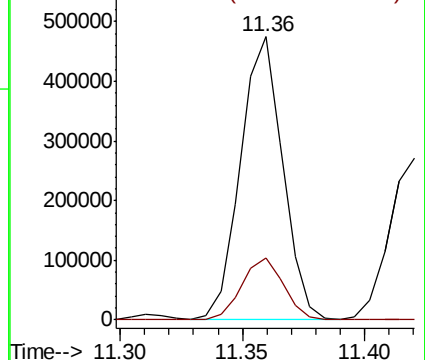
91 100

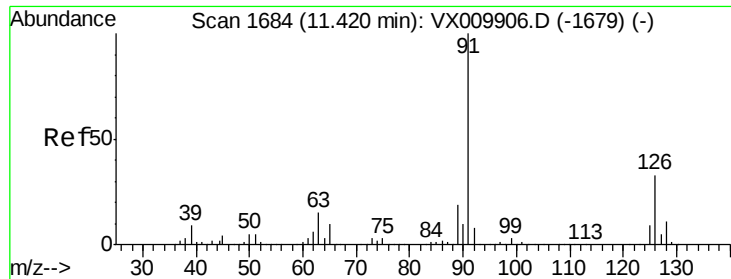
120 22.0 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.166 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX009973.D

Acq: 31 May 2019 09:36

Instrument :

MSVOA_X

ClientSampled :

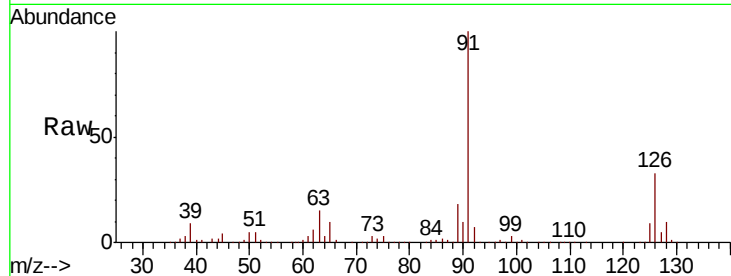
VSTDCCC050

Tgt Ion: 91 Resp: 328204

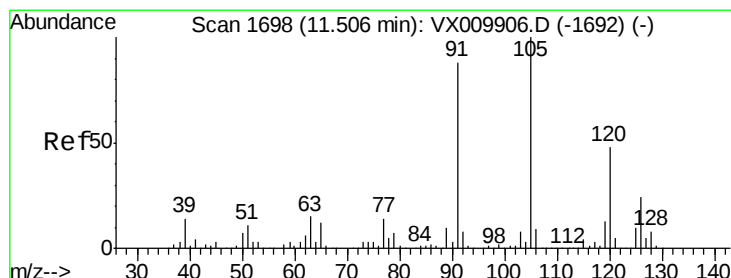
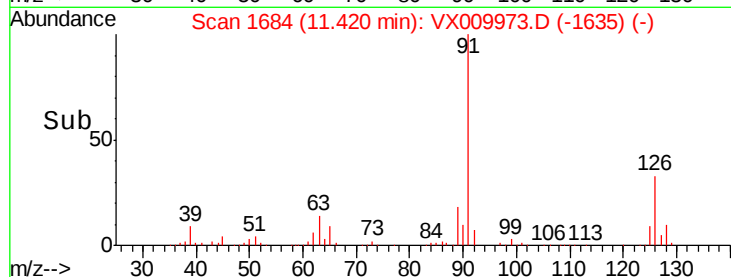
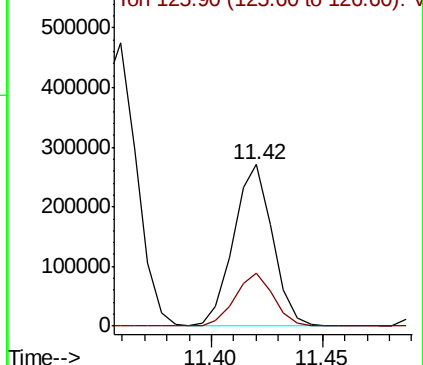
Ion Ratio Lower Upper

91 100

126 32.7 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VX009906.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 50.846 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009973.D

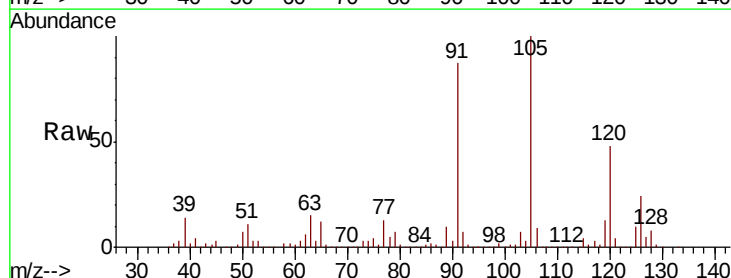
Acq: 31 May 2019 09:36

Tgt Ion: 105 Resp: 406032

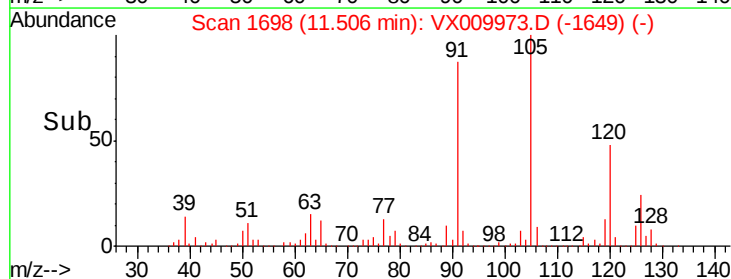
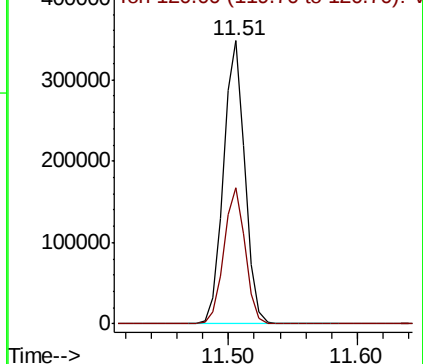
Ion Ratio Lower Upper

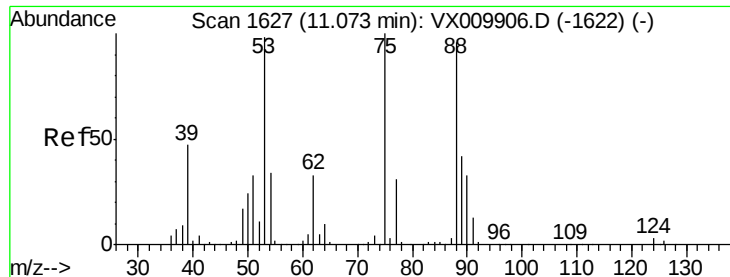
105 100

120 48.2 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): VX009906.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 48.918 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX009973.D

Acq: 31 May 2019 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

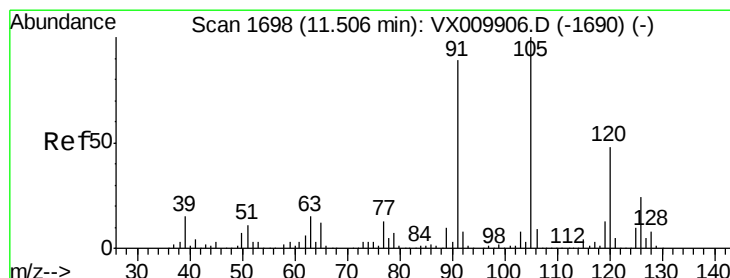
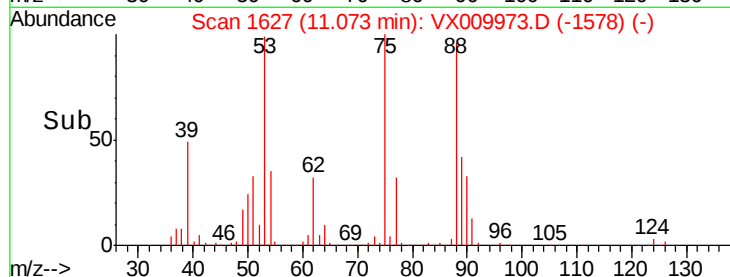
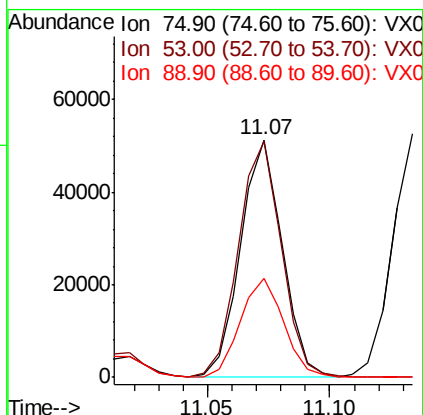
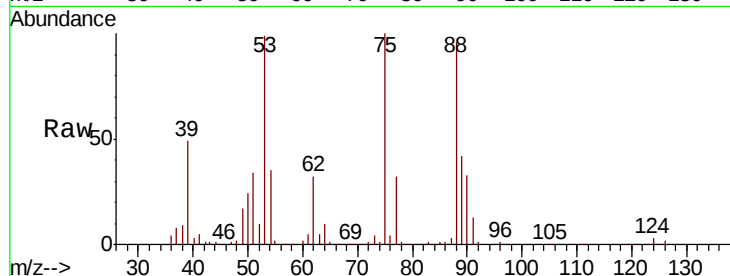
Tgt Ion: 75 Resp: 60741

Ion Ratio Lower Upper

75 100

53 102.1 79.0 118.6

89 43.7 34.7 52.1



#82

4-Chlorotoluene

Concen: 49.474 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009973.D

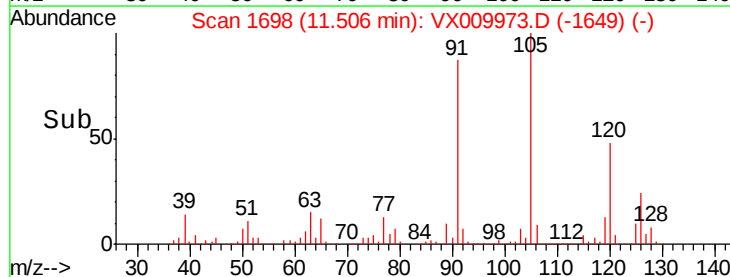
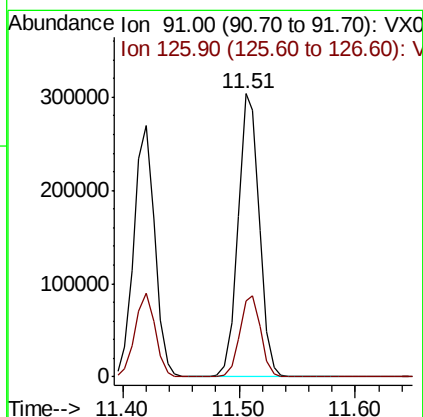
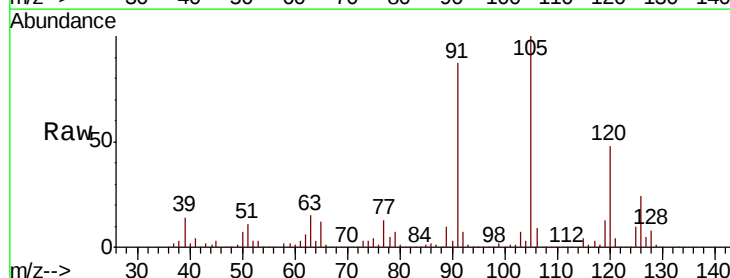
Acq: 31 May 2019 09:36

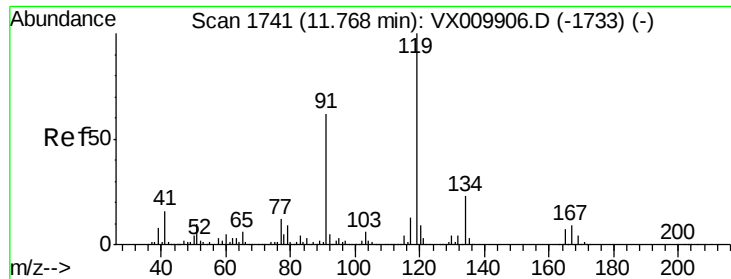
Tgt Ion: 91 Resp: 384456

Ion Ratio Lower Upper

91 100

126 28.5 14.5 43.6

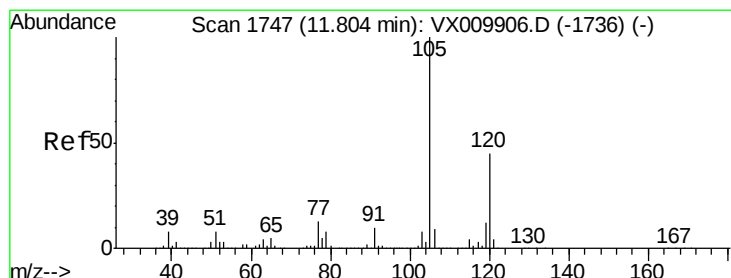
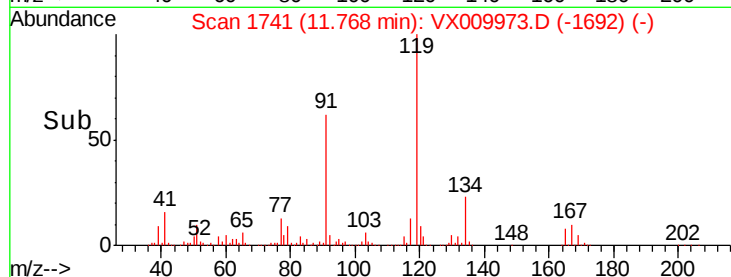
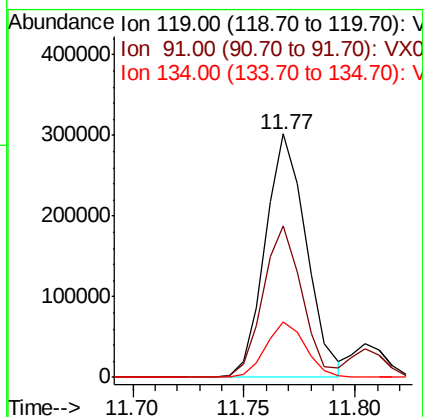
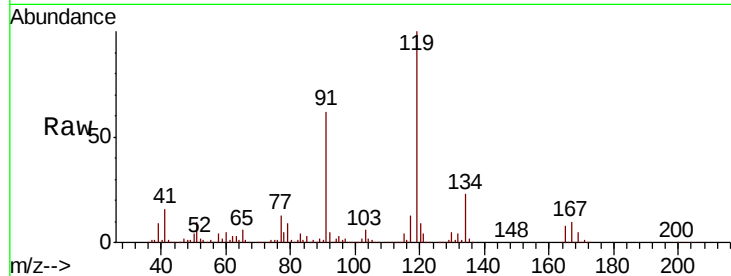




#83
 tert-Butylbenzene
 Concen: 50.638 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX009973.D
 Acq: 31 May 2019 09:36

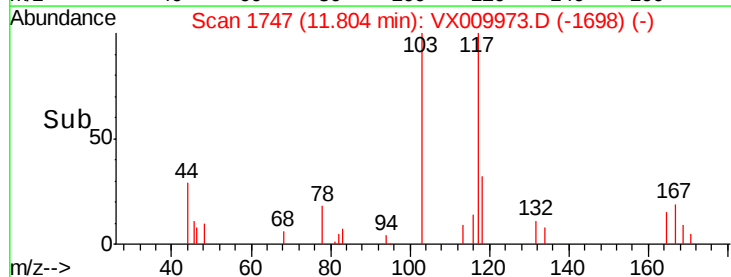
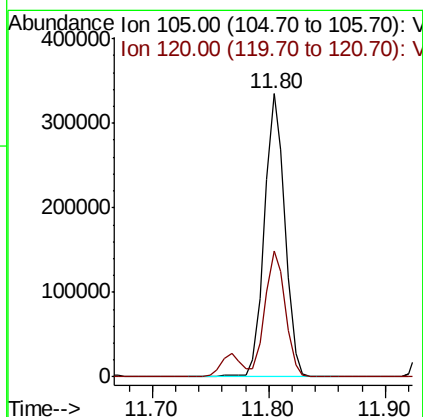
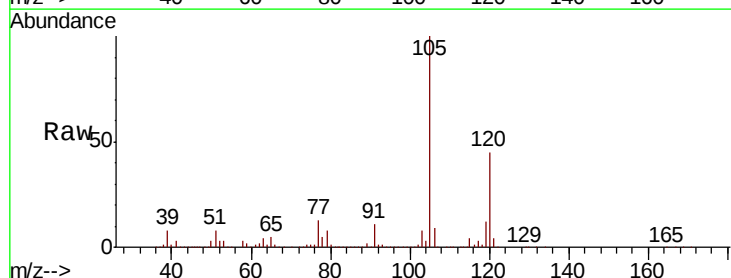
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

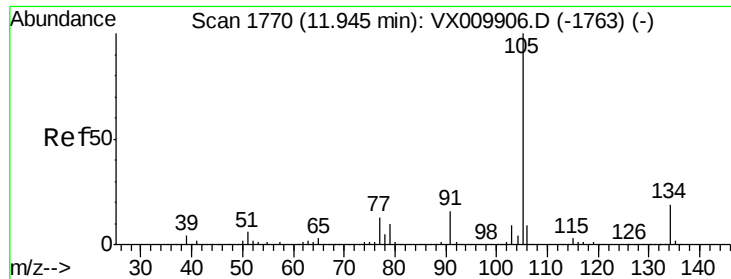
Tgt Ion:119 Resp: 386868
 Ion Ratio Lower Upper
 119 100
 91 59.8 29.5 88.5
 134 22.0 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 50.127 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX009973.D
 Acq: 31 May 2019 09:36

Tgt Ion:105 Resp: 406513
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.0 66.0





#85

sec-Butylbenzene

Concen: 51.958 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX009973.D

Acq: 31 May 2019 09:36

Instrument :

MSVOA_X

ClientSampleId :

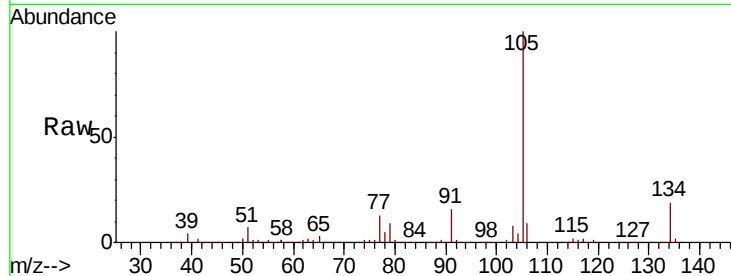
VSTDCCC050

Tgt Ion:105 Resp: 472240

Ion Ratio Lower Upper

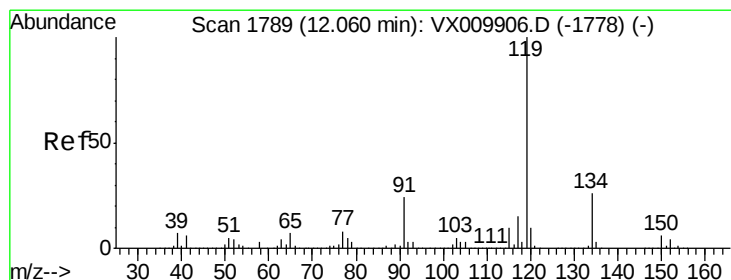
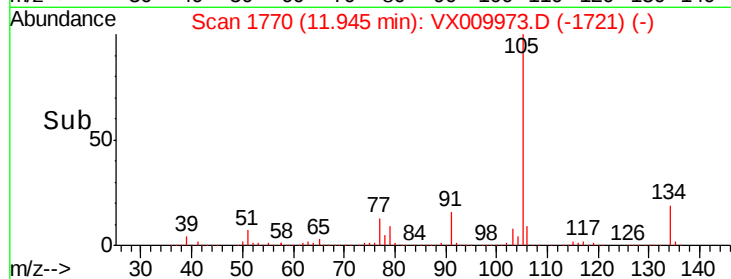
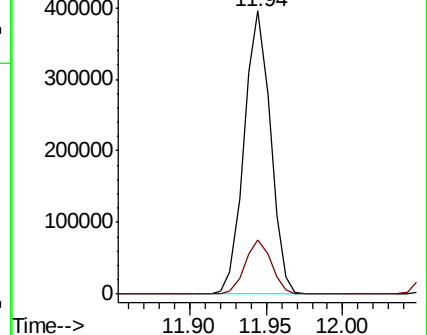
105 100

134 19.2 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: 52.927 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX009973.D

Acq: 31 May 2019 09:36

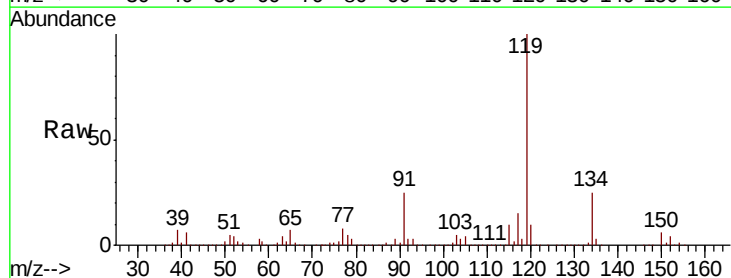
Tgt Ion:119 Resp: 432690

Ion Ratio Lower Upper

119 100

134 25.5 12.9 38.7

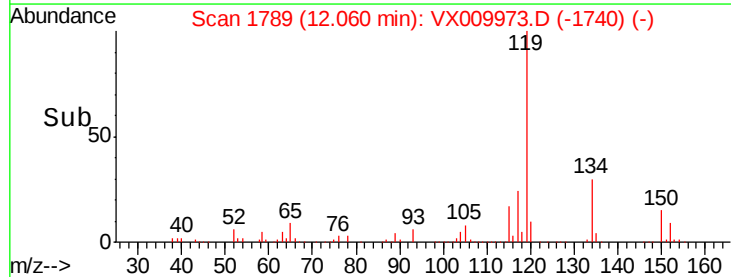
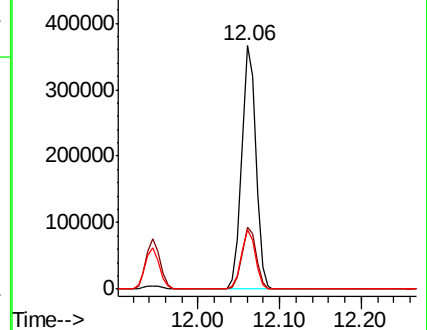
91 24.2 11.8 35.4

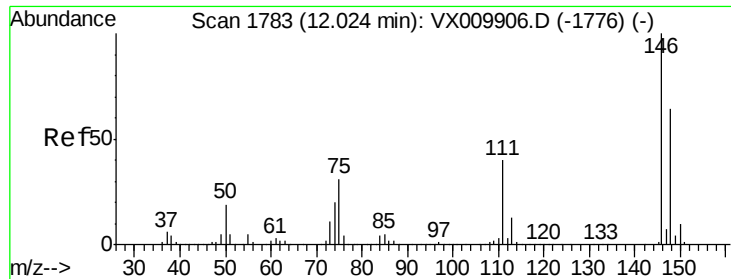


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

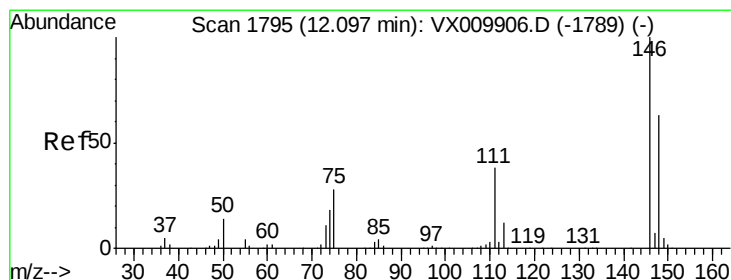
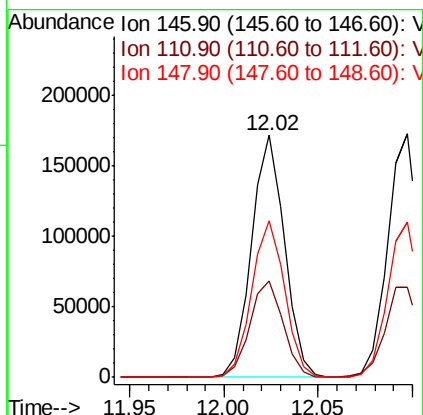
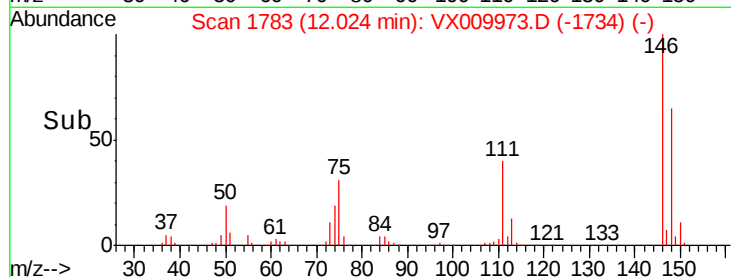
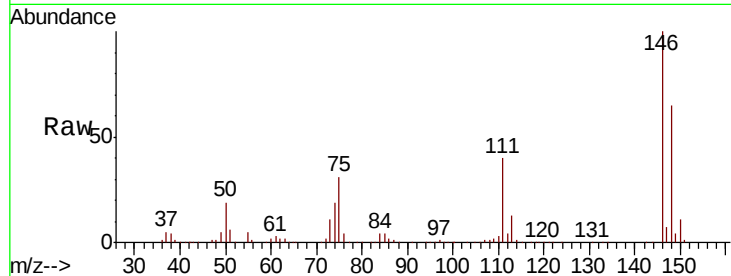




#87
 1,3-Dichlorobenzene
 Concen: 48.333 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX009973.D
 Acq: 31 May 2019 09:36

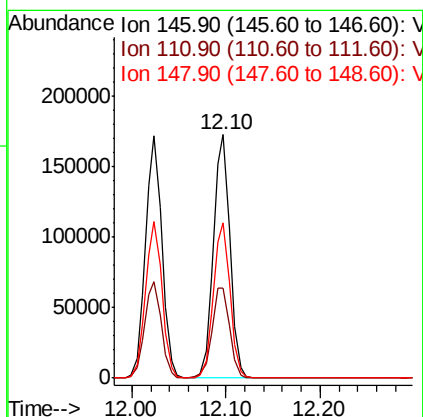
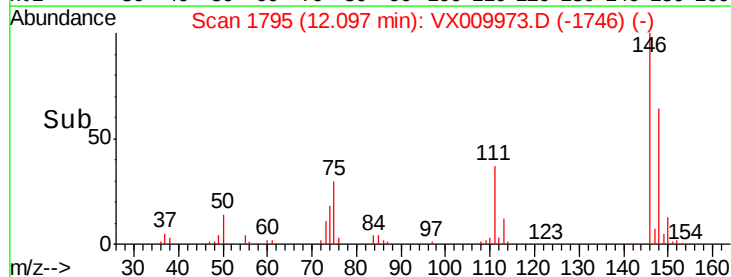
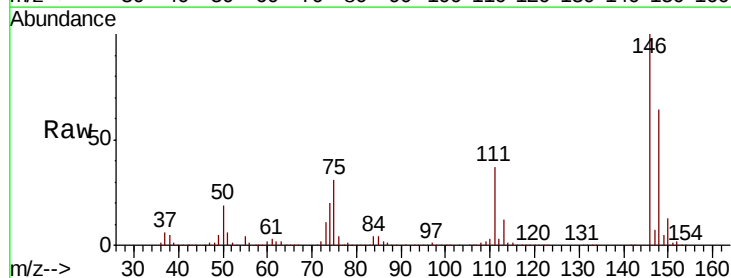
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

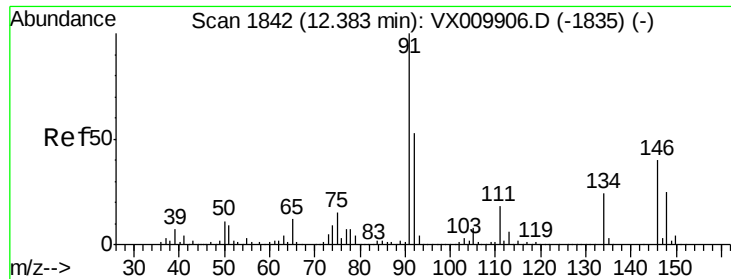
Tgt Ion:146 Resp: 207864
 Ion Ratio Lower Upper
 146 100
 111 40.6 20.0 59.9
 148 64.6 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 47.657 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX009973.D
 Acq: 31 May 2019 09:36

Tgt Ion:146 Resp: 209022
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.6 58.8
 148 64.2 31.8 95.3

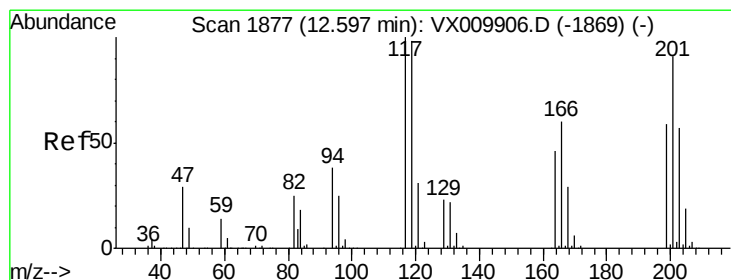
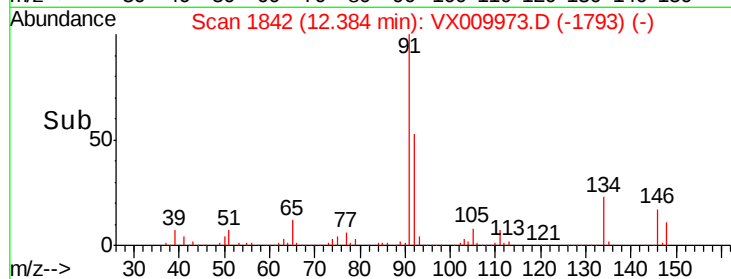
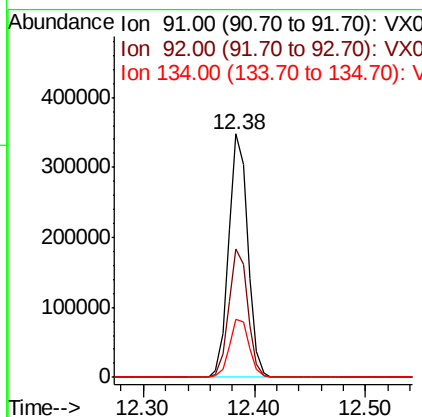
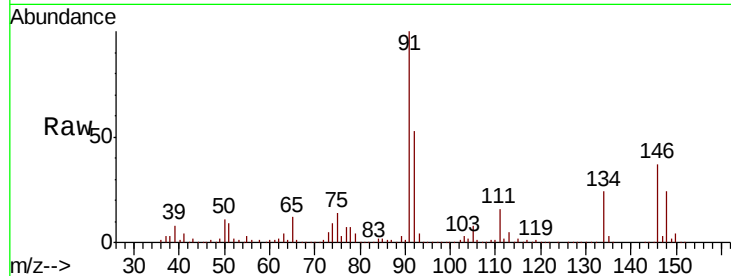




#89
n-Butylbenzene
Concen: 53.645 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX009973.D
Acq: 31 May 2019 09:36

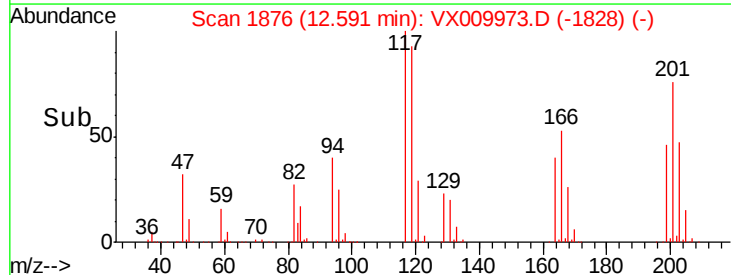
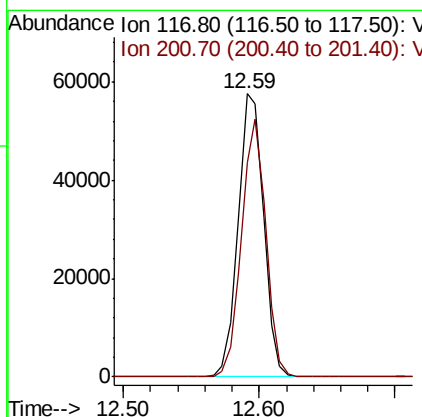
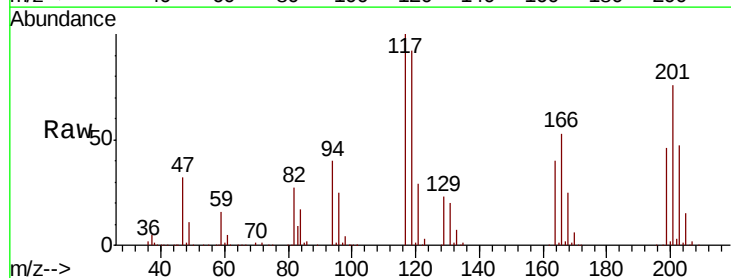
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

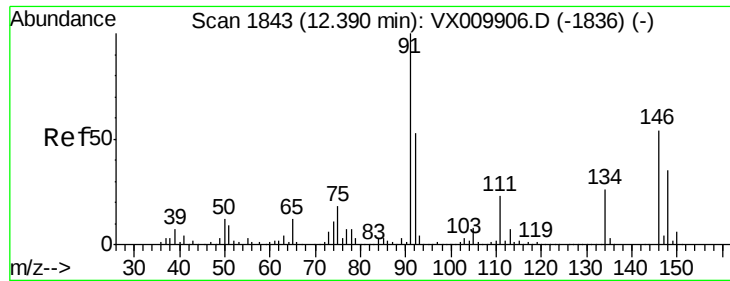
Tgt Ion: 91 Resp: 412151
Ion Ratio Lower Upper
91 100
92 52.3 26.5 79.5
134 24.4 12.4 37.2



#90
Hexachloroethane
Concen: 53.331 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX009973.D
Acq: 31 May 2019 09:36

Tgt Ion: 117 Resp: 74821
Ion Ratio Lower Upper
117 100
201 87.0 42.3 126.9

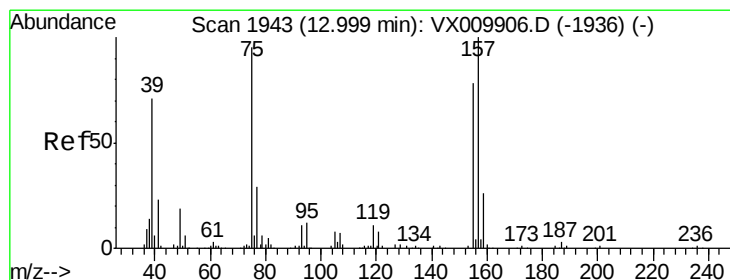
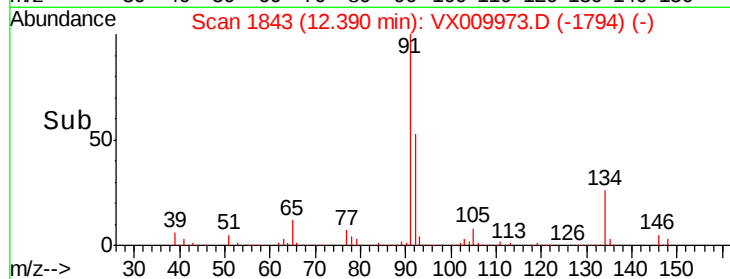
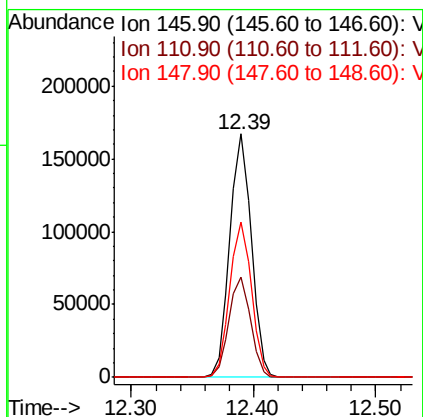
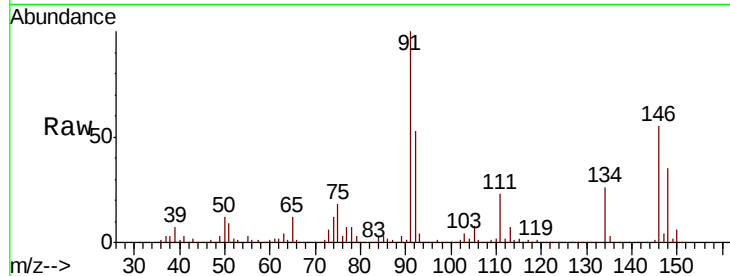




#91
 1,2-Dichlorobenzene
 Concen: 47.897 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX009973.D
 Acq: 31 May 2019 09:36

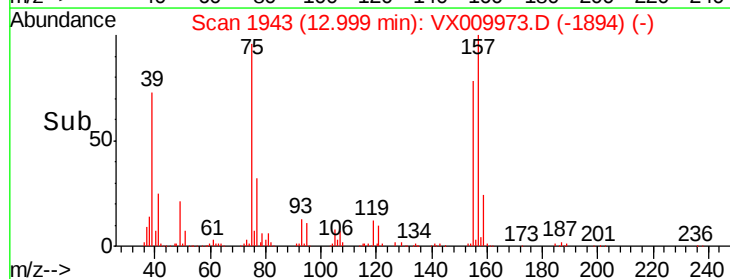
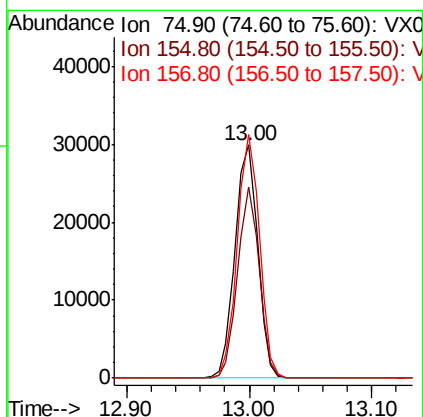
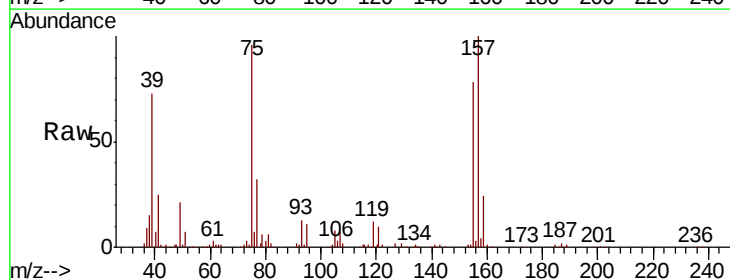
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

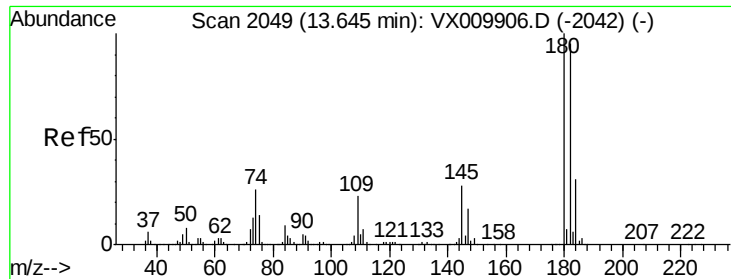
Tgt Ion: 146 Resp: 203088
 Ion Ratio Lower Upper
 146 100
 111 41.6 20.8 62.4
 148 64.5 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.180 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX009973.D
 Acq: 31 May 2019 09:36

Tgt Ion: 75 Resp: 38440
 Ion Ratio Lower Upper
 75 100
 155 77.8 42.0 126.0
 157 101.6 53.2 159.6

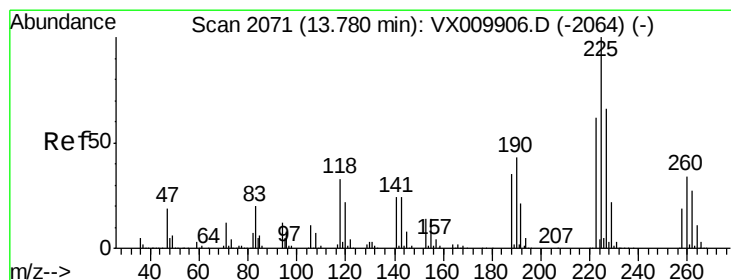
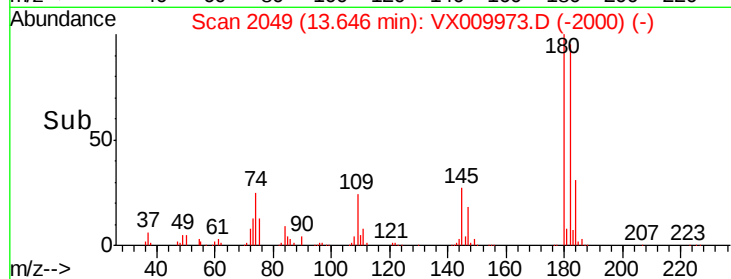
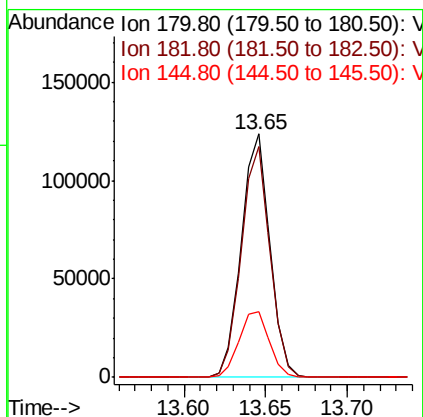
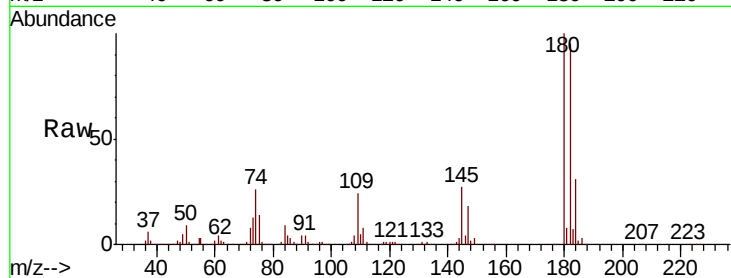




#93
 1,2,4-Trichlorobenzene
 Concen: 49.833 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX009973.D
 Acq: 31 May 2019 09:36

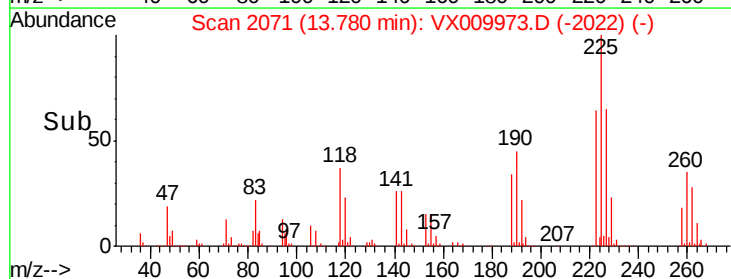
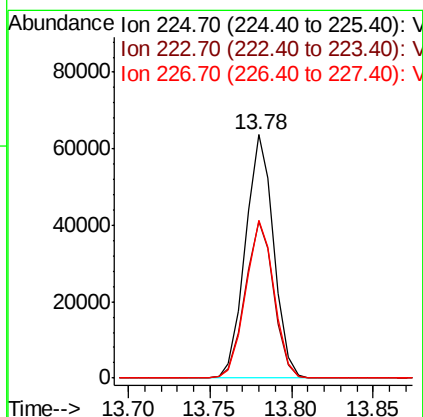
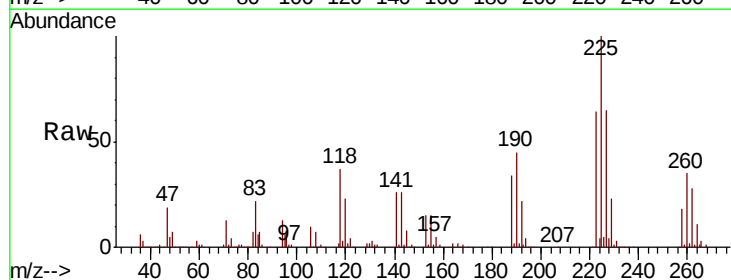
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

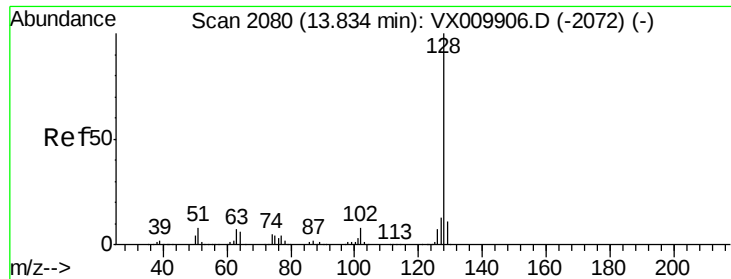
Tgt Ion:180 Resp: 150998
 Ion Ratio Lower Upper
 180 100
 182 94.9 48.4 145.2
 145 28.7 14.6 43.8



#94
 Hexachlorobutadiene
 Concen: 50.631 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX009973.D
 Acq: 31 May 2019 09:36

Tgt Ion:225 Resp: 76950
 Ion Ratio Lower Upper
 225 100
 223 64.7 31.3 93.8
 227 64.7 31.8 95.3

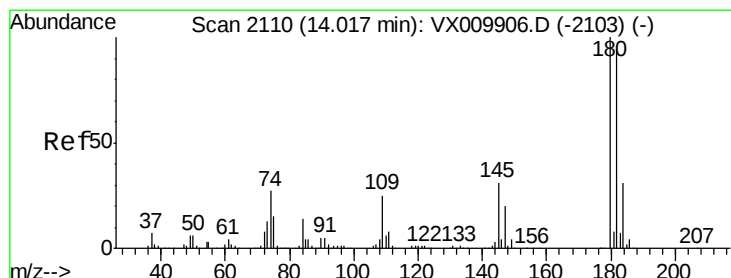
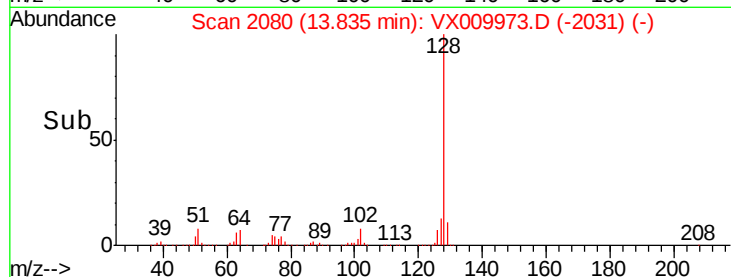
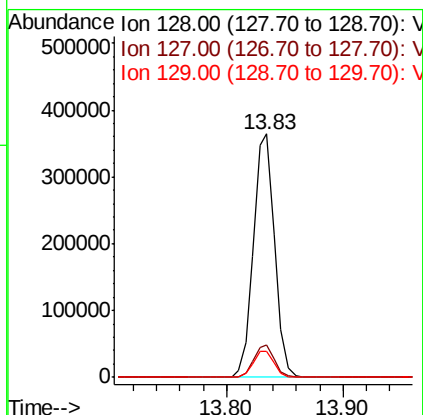
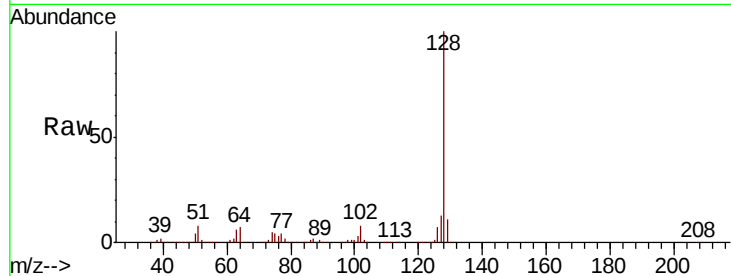




#95
Naphthalene
Concen: 48.918 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX009973.D
Acq: 31 May 2019 09:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 461263
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 48.915 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX009973.D
Acq: 31 May 2019 09:36

Tgt Ion:180 Resp: 148361
Ion Ratio Lower Upper
180 100
182 96.0 47.8 143.4
145 31.3 15.4 46.4

