

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX053019\
 Data File : VX009971.D
 Acq On : 30 May 2019 19:22
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 31 05:37:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	161015	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	259312	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	235500	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	114602	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	112356	49.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.80%	
35) Dibromofluoromethane	5.50	113	80055	49.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.20%	
50) Toluene-d8	8.71	98	329889	49.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.66%	
62) 4-Bromofluorobenzene	11.13	95	118686	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	108595	55.192	ug/l	99
3) Chloromethane	1.32	50	124343	47.008	ug/l	99
4) Vinyl Chloride	1.41	62	116915	49.031	ug/l	99
5) Bromomethane	1.64	94	49302	34.126	ug/l	100
6) Chloroethane	1.71	64	68623	46.750	ug/l	99
7) Trichlorofluoromethane	1.92	101	129148	49.013	ug/l	96
8) Diethyl Ether	2.19	74	54675	44.155	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	76596	48.148	ug/l	99
10) Methyl Iodide	2.51	142	58924	31.783	ug/l	99
11) Tert butyl alcohol	3.06	59	139247	248.768	ug/l	100
12) 1,1-Dichloroethene	2.37	96	76873	47.143	ug/l	97
13) Acrolein	2.29	56	78590	202.458	ug/l	99
14) Allyl chloride	2.73	41	195835	49.412	ug/l	99
15) Acrylonitrile	3.14	53	335082	248.449	ug/l	99
16) Acetone	2.45	43	301305	229.279	ug/l	99
17) Carbon Disulfide	2.57	76	232622	47.135	ug/l	100
18) Methyl Acetate	2.78	43	154000	50.363	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	302646	49.160	ug/l	99
20) Methylene Chloride	2.85	84	95647	47.528	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	84211	46.413	ug/l	99
22) Diisopropyl ether	3.86	45	381781	50.628	ug/l #	86
23) Vinyl Acetate	3.82	43	1713587	252.951	ug/l	100
24) 1,1-Dichloroethane	3.70	63	181323	49.617	ug/l	99
25) 2-Butanone	4.68	43	511936	250.041	ug/l	100
26) 2,2-Dichloropropane	4.59	77	120903	43.735	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	97947	46.766	ug/l	99
28) Bromochloromethane	5.02	49	92227	48.632	ug/l	99
29) Tetrahydrofuran	5.13	42	332276	253.081	ug/l	99
30) Chloroform	5.21	83	161913	49.127	ug/l	97
31) Cyclohexane	5.58	56	174674	50.465	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	134120	49.968	ug/l	99
36) 1,1-Dichloropropene	5.80	75	125545	47.717	ug/l	99
37) Ethyl Acetate	4.84	43	186862	50.972	ug/l	100
38) Carbon Tetrachloride	5.79	117	112236	49.366	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	155175	49.722	ug/l	99
40) Benzene	6.15	78	382646	49.027	ug/l	100
41) Methacrylonitrile	5.04	41	106798	49.855	ug/l	99
42) 1,2-Dichloroethane	6.20	62	142562	49.408	ug/l	99
43) Isopropyl Acetate	6.45	43	299157	50.574	ug/l	100
44) Trichloroethene	7.21	130	88862	46.873	ug/l	99
45) 1,2-Dichloropropane	7.51	63	108675	48.370	ug/l	99
46) Dibromomethane	7.66	93	62812	47.495	ug/l	99
47) Bromodichloromethane	7.90	83	127441	50.675	ug/l	100
48) Methyl methacrylate	7.77	41	151000	51.567	ug/l	99
49) 1,4-Dioxane	7.74	88	53188	976.494	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	986777	256.443	ug/l	99
52) Toluene	8.79	92	233625	49.301	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	146066	48.429	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	159796	48.627	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	94152	49.364	ug/l	99
56) Ethyl methacrylate	9.18	69	173683	51.150	ug/l	99
57) 1,3-Dichloropropane	9.37	76	167254	48.829	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	445640	250.281	ug/l	100
59) 2-Hexanone	9.49	43	760347	256.653	ug/l	99
60) Dibromochloromethane	9.58	129	95459	50.879	ug/l	100
61) 1,2-Dibromoethane	9.67	107	96592	49.295	ug/l	100
64) Tetrachloroethene	9.34	164	82344	50.058	ug/l	98
65) Chlorobenzene	10.14	112	240069	48.693	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	86413	50.534	ug/l	99
67) Ethyl Benzene	10.25	91	445353	50.309	ug/l	100
68) m/p-Xylenes	10.36	106	322591	98.641	ug/l	99
69) o-Xylene	10.70	106	157452	50.201	ug/l	99
70) Styrene	10.71	104	275973	50.179	ug/l	100
71) Bromoform	10.85	173	72690	52.004	ug/l	100
73) Isopropylbenzene	11.02	105	422862	50.010	ug/l	99
74) N-amyl acetate	10.90	43	254389	50.347	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	155320	49.237	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	185969	67.860	ug/l	81
77) Bromobenzene	11.26	156	104646	48.563	ug/l	98
78) n-propylbenzene	11.36	91	493068	50.590	ug/l	100
79) 2-Chlorotoluene	11.42	91	291719	48.989	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	358499	50.326	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	52416	47.322	ug/l	96
82) 4-Chlorotoluene	11.51	91	339285	48.945	ug/l	100
83) tert-Butylbenzene	11.77	119	338255	49.633	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	358735	49.588	ug/l	99
85) sec-Butylbenzene	11.94	105	407350	50.242	ug/l	100
86) p-Isopropyltoluene	12.06	119	372831	51.124	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	183394	47.804	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	184143	47.065	ug/l	99
89) n-Butylbenzene	12.38	91	345161	50.362	ug/l	100
90) Hexachloroethane	12.60	117	63288	50.569	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	182957	48.371	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	35210	47.419	ug/l	96

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Quant Title : SW846 8260
QLast Update : Wed May 29 04:00:56 2019
Response via : Initial Calibration

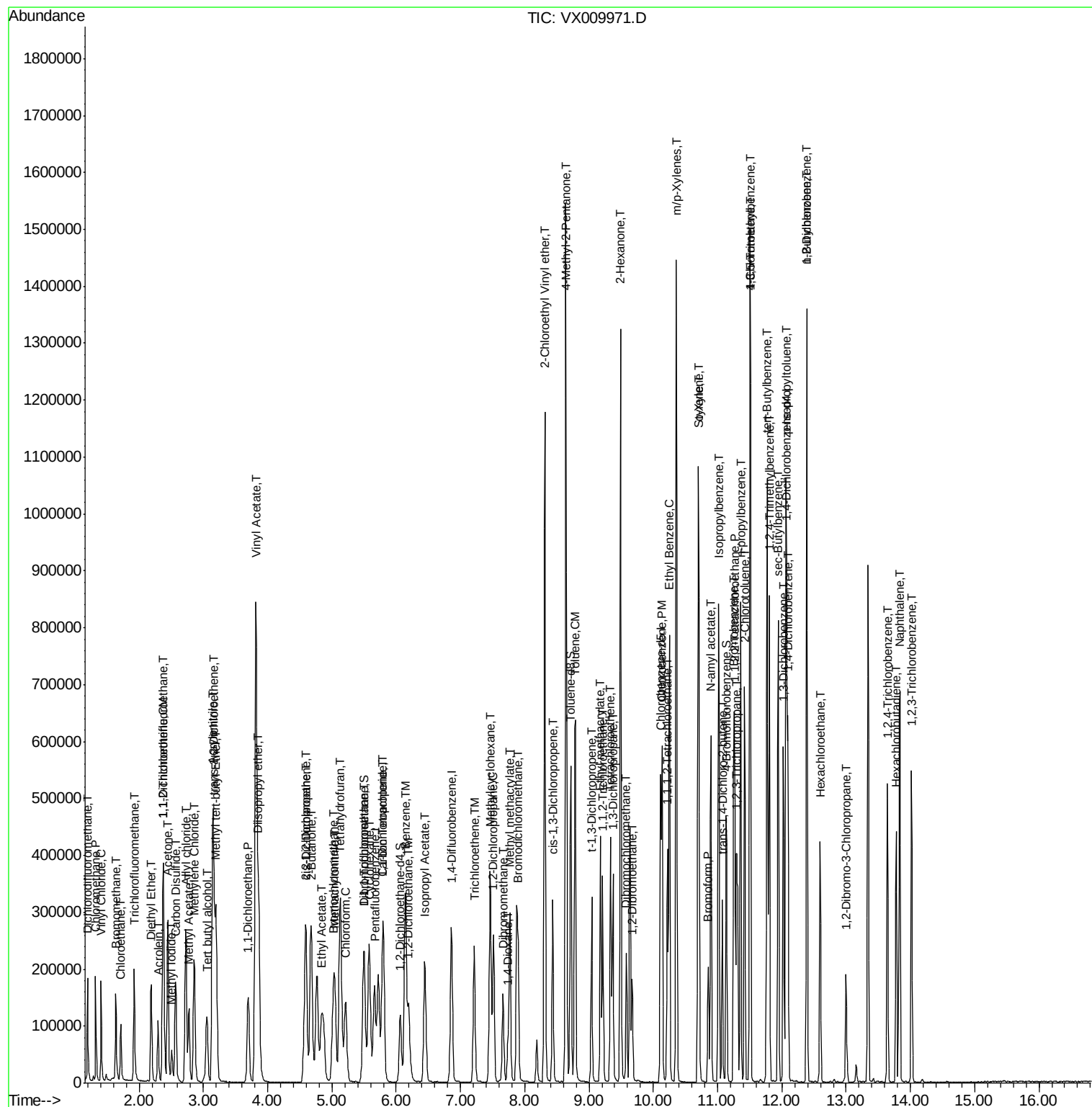
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	129639	47.962	ug/l	98
94) Hexachlorobutadiene	13.78	225	66788	49.263	ug/l	99
95) Naphthalene	13.83	128	416080	49.466	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	128749	47.586	ug/l	99

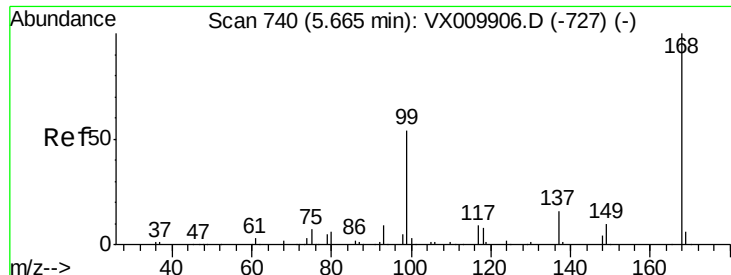
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX009971.D

Acq: 30 May 2019 19:22

Instrument :

MSVOA_X

ClientSampleId :

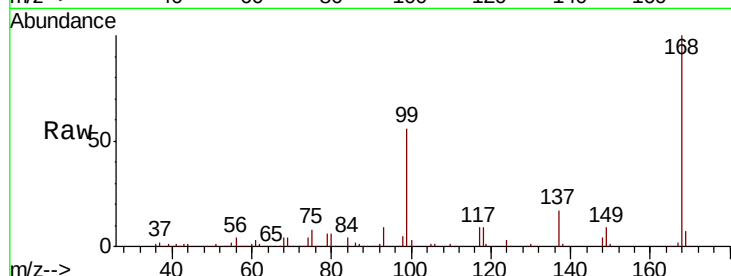
VSTDCCC050EC

Tot Ion:168 Resp: 161015

Ion Ratio Lower Upper

168 100

99 56.1 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

50000

40000

30000

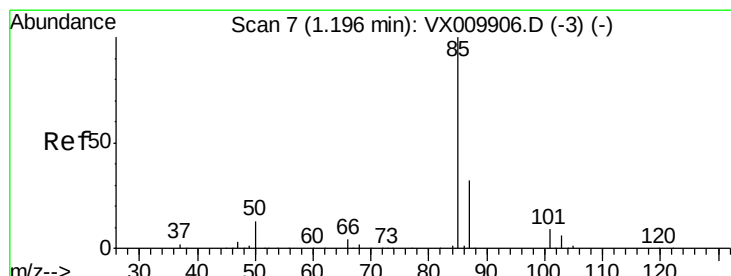
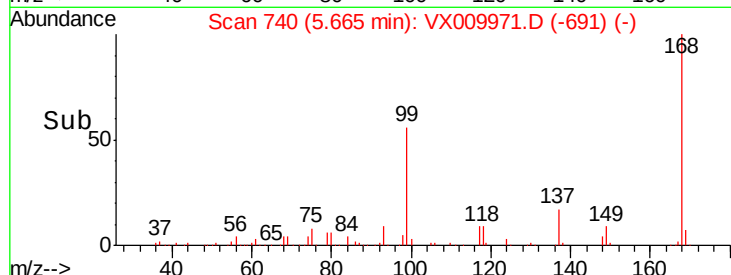
20000

10000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 55.192 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX009971.D

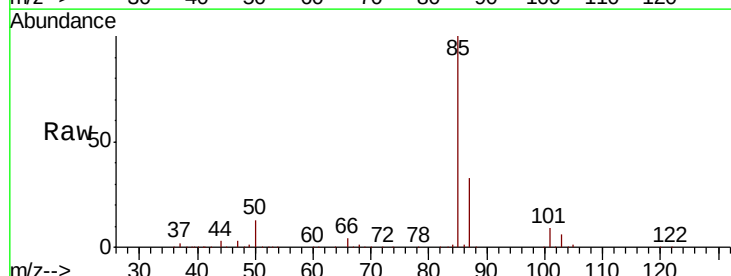
Acq: 30 May 2019 19:22

Tgt Ion: 85 Resp: 108595

Ion Ratio Lower Upper

85 100

87 32.9 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

120000

100000

80000

60000

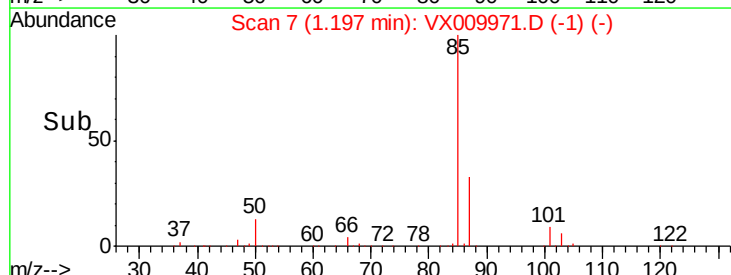
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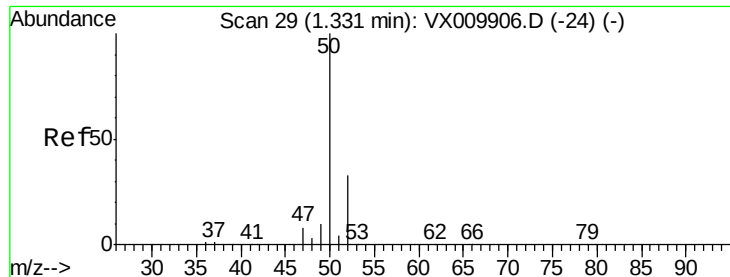
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 47.008 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX009971.D

Acq: 30 May 2019 19:22

Instrument :

MSVOA_X

ClientSampleId :

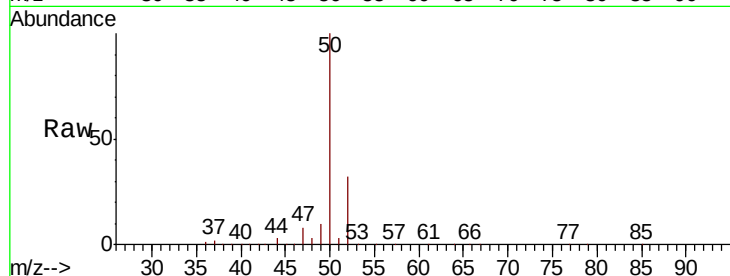
VSTDCCC050EC

Tot Ion: 50 Resp: 124343

Ion Ratio Lower Upper

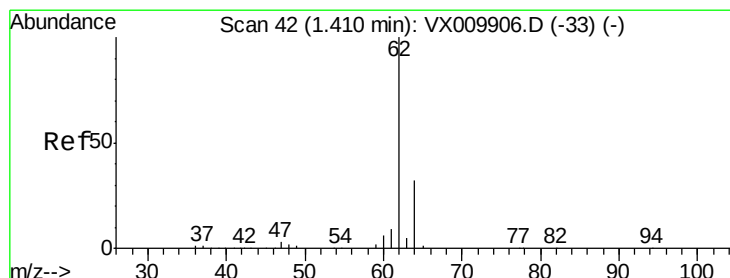
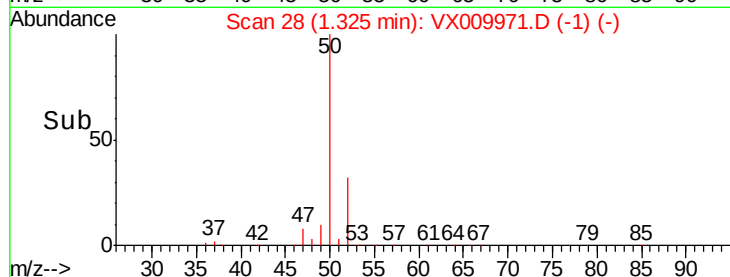
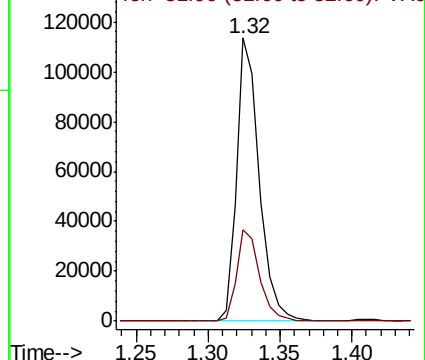
50 100

52 32.2 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 49.031 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX009971.D

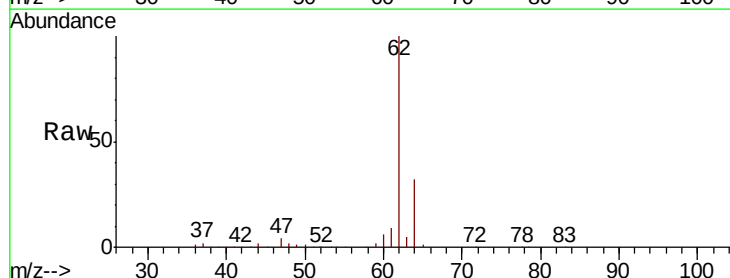
Acq: 30 May 2019 19:22

Tgt Ion: 62 Resp: 116915

Ion Ratio Lower Upper

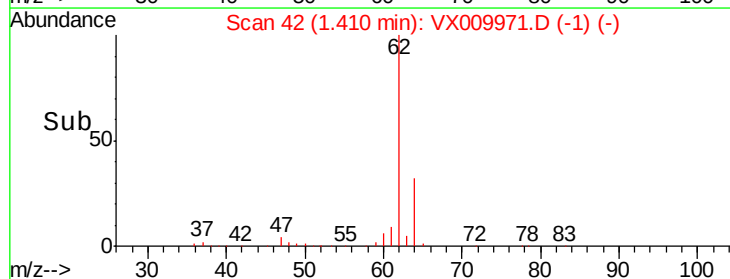
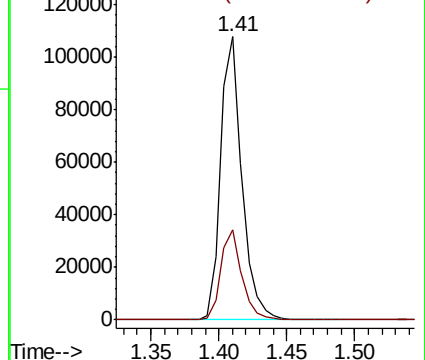
62 100

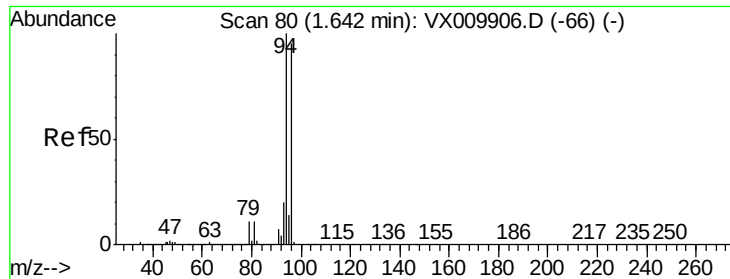
64 31.5 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 34.126 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX009971.D

Acq: 30 May 2019 19:22

Instrument :

MSVOA_X

ClientSampleId :

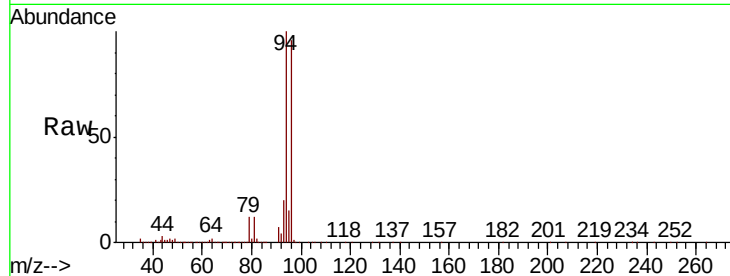
VSTDCCC050EC

Tot Ion: 94 Resp: 49302

Ion Ratio Lower Upper

94 100

96 95.6 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

60000

50000

40000

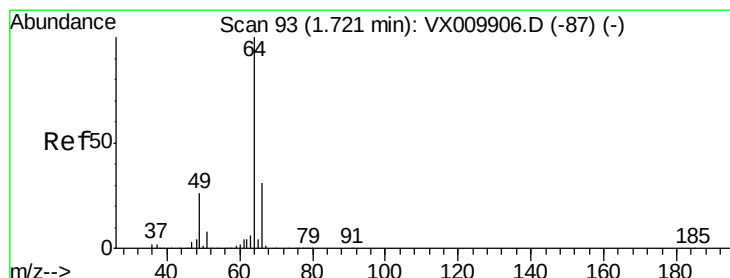
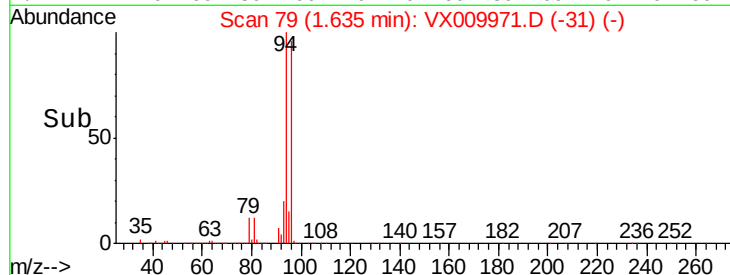
30000

20000

10000

0

Time-->



#6

Chloroethane

Concen: 46.750 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX009971.D

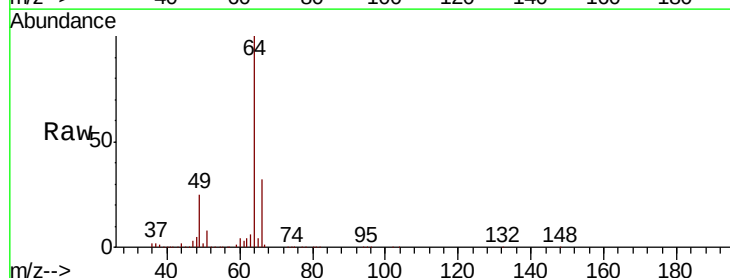
Acq: 30 May 2019 19:22

Tgt Ion: 64 Resp: 68623

Ion Ratio Lower Upper

64 100

66 32.1 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

50000

40000

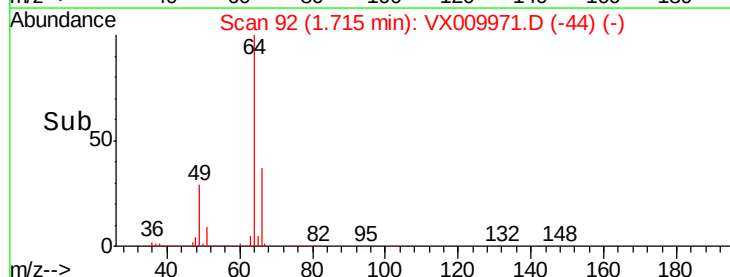
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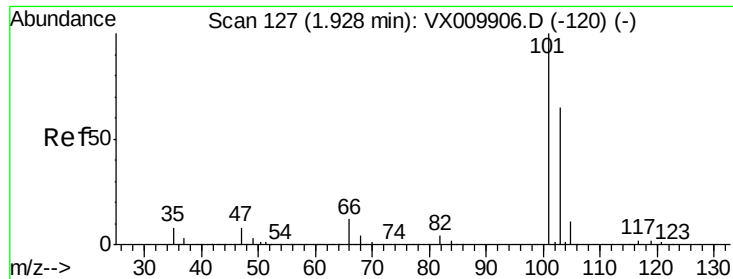
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10000

0

Time-->



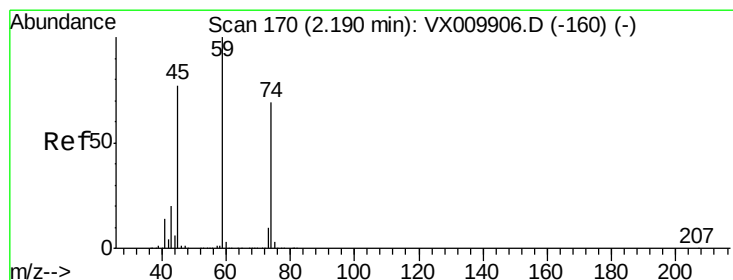
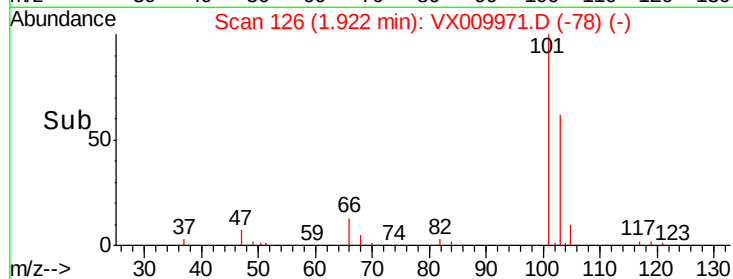
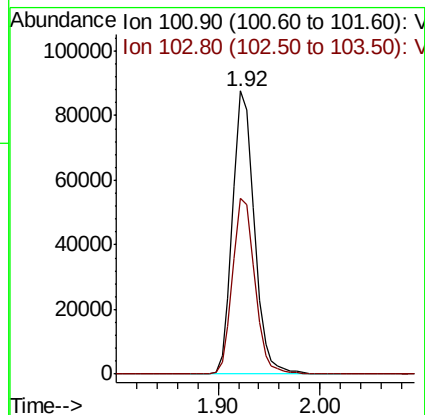
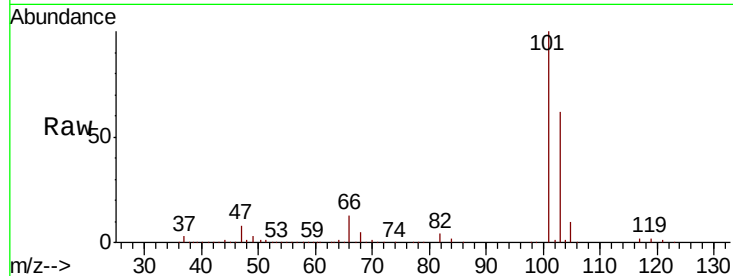


#7

Trichlorofluoromethane
 Concen: 49.013 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.01 min
 Lab File: VX009971.D
 Acq: 30 May 2019 19:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

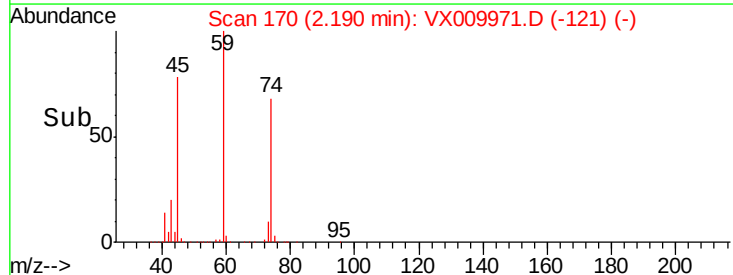
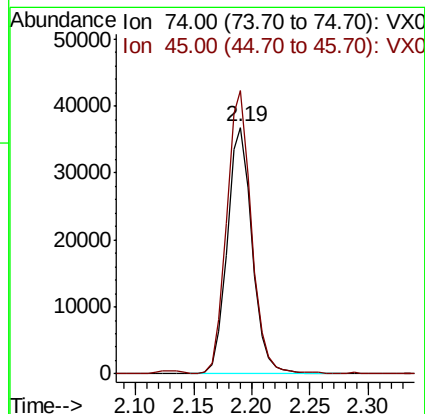
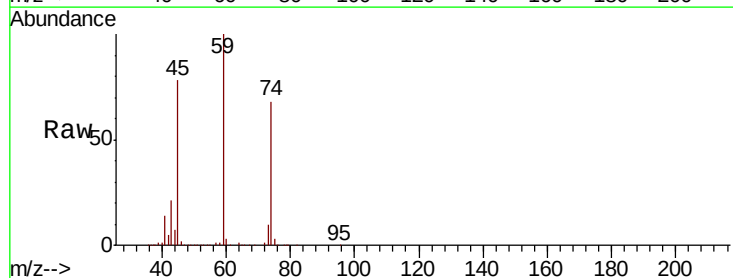
Tot Ion:101 Resp: 129148
 Ion Ratio Lower Upper
 101 100
 103 62.2 52.2 78.4

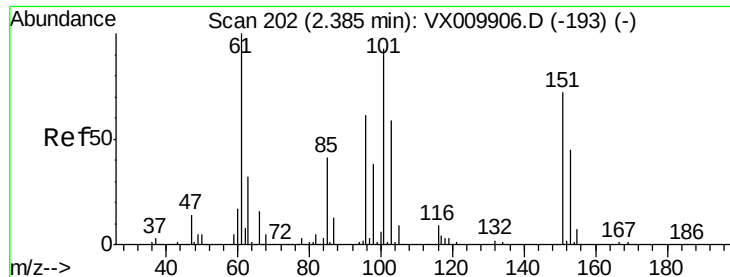


#8

Diethyl Ether
 Concen: 44.155 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX009971.D
 Acq: 30 May 2019 19:22

Tgt Ion: 74 Resp: 54675
 Ion Ratio Lower Upper
 74 100
 45 113.0 56.1 168.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.148 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX009971.D

Acq: 30 May 2019 19:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

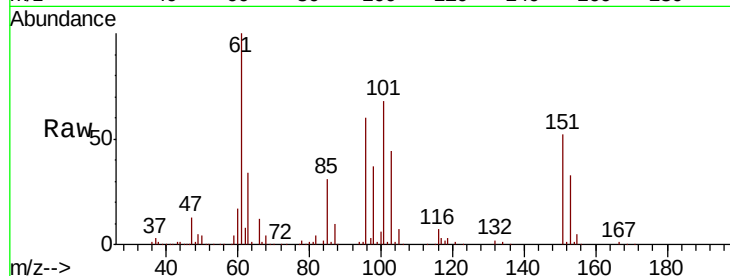
Tot Ion:101 Resp: 76596

Ion Ratio Lower Upper

101 100

85 44.3 35.2 52.8

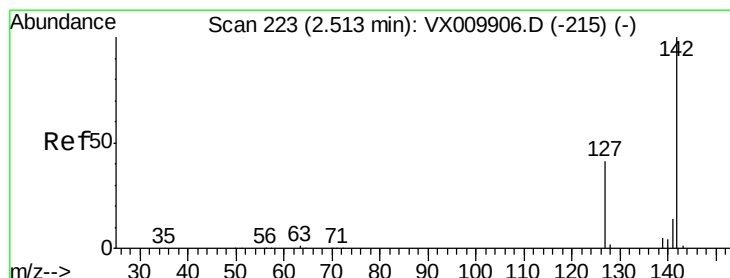
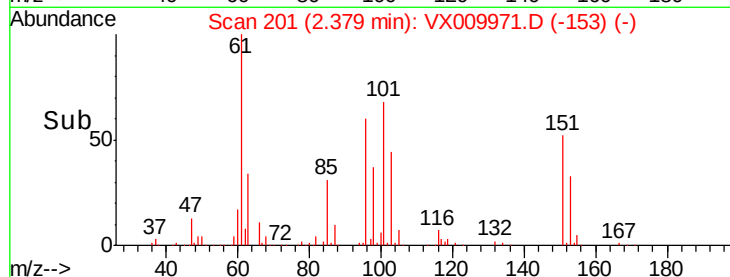
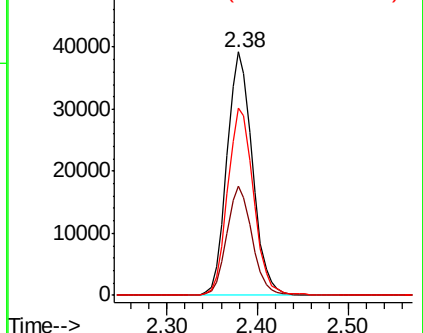
151 78.2 61.9 92.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 31.783 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.01 min

Lab File: VX009971.D

Acq: 30 May 2019 19:22

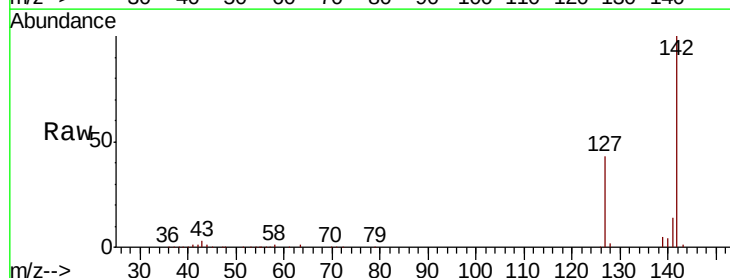
Tgt Ion:142 Resp: 58924

Ion Ratio Lower Upper

142 100

127 42.1 33.0 49.4

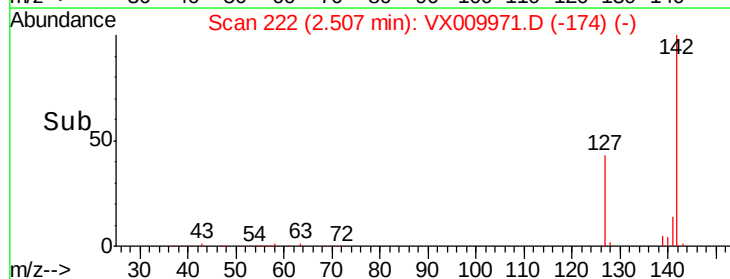
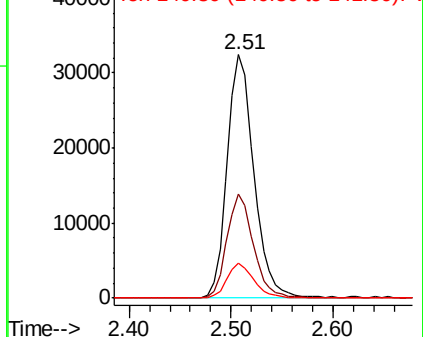
141 14.3 11.4 17.0

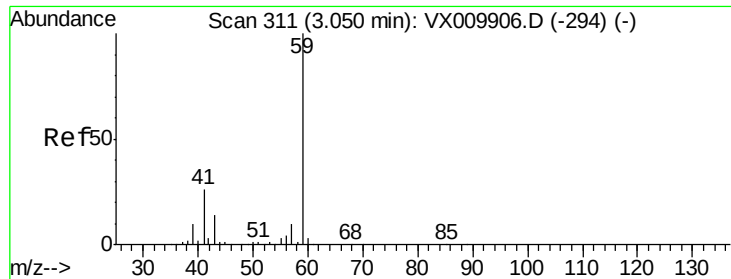


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



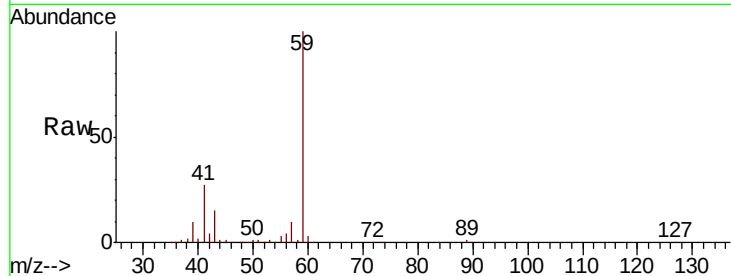


#11

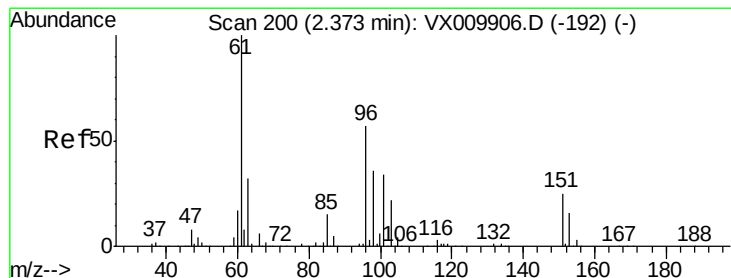
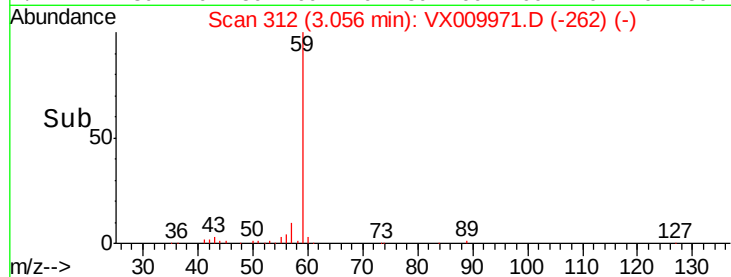
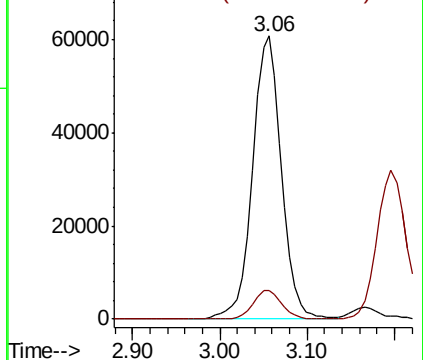
Tert butyl alcohol
 Concen: 248.768 ug/l
 RT: 3.06 min Scan# 312
 Delta R.T. 0.01 min
 Lab File: VX009971.D
 Acq: 30 May 2019 19:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 59 Resp: 139247
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.2 12.2



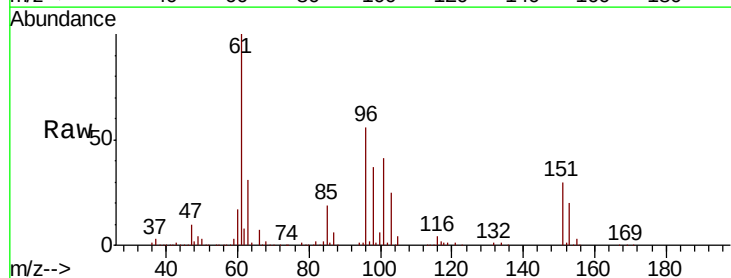
Abundance Ion 59.00 (58.70 to 59.70): VX0
 Ion 57.00 (56.70 to 57.70): VX0



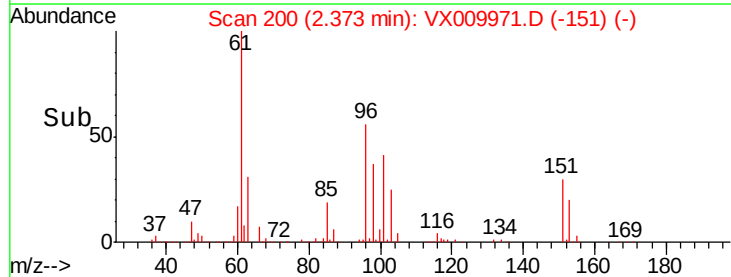
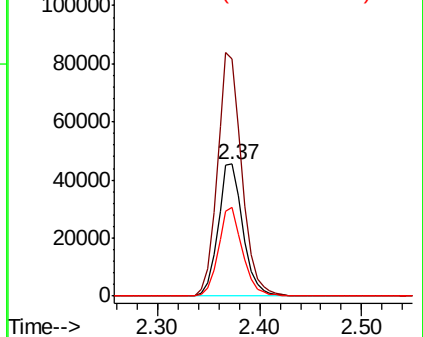
#12

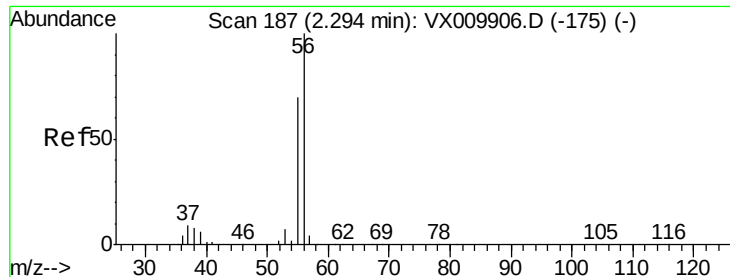
1,1-Dichloroethene
 Concen: 47.143 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.00 min
 Lab File: VX009971.D
 Acq: 30 May 2019 19:22

Tgt Ion: 96 Resp: 76873
 Ion Ratio Lower Upper
 96 100
 61 179.1 140.7 211.1
 98 67.1 50.1 75.1



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





#13

Acrolein

Concen: 202.458 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX009971.D

Acq: 30 May 2019 19:22

Instrument :

MSVOA_X

ClientSampleId :

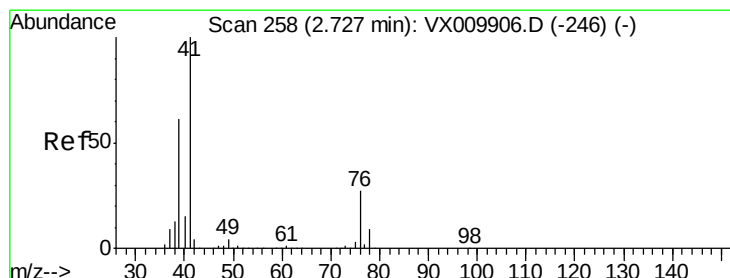
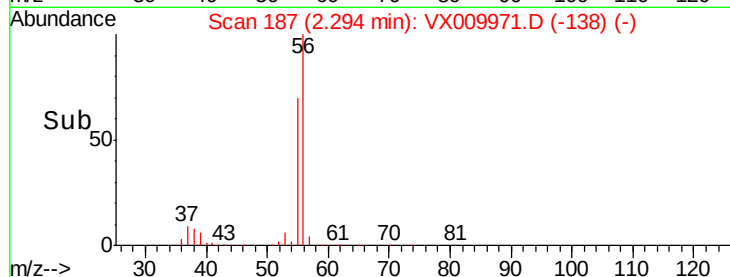
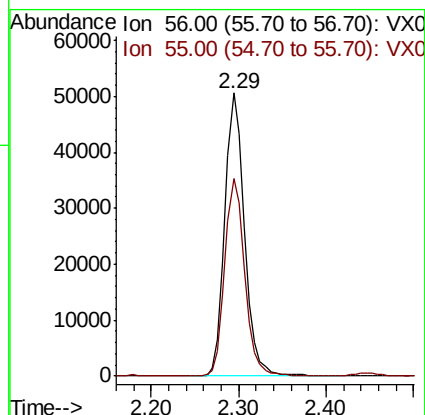
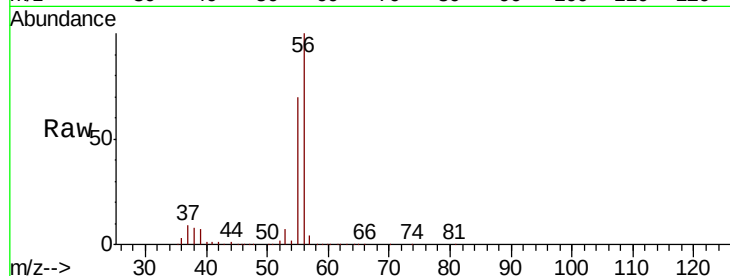
VSTDCCC050EC

Tot Ion: 56 Resp: 78590

Ion Ratio Lower Upper

56 100

55 70.5 57.0 85.4



#14

Allyl chloride

Concen: 49.412 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX009971.D

Acq: 30 May 2019 19:22

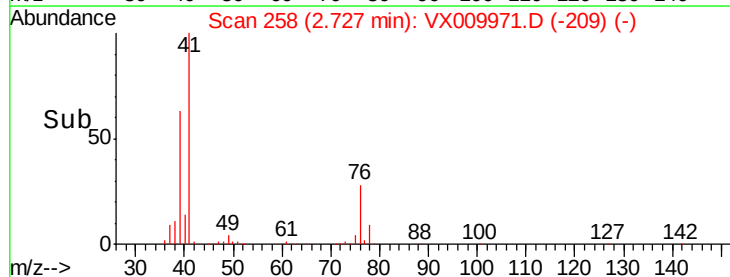
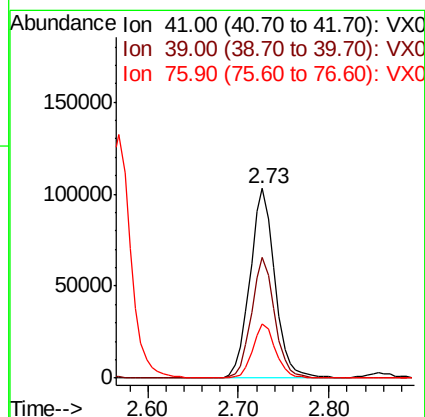
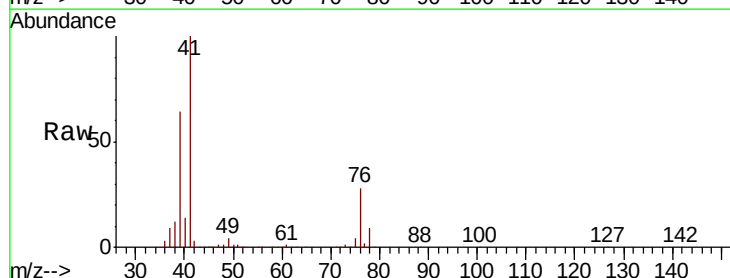
Tgt Ion: 41 Resp: 195835

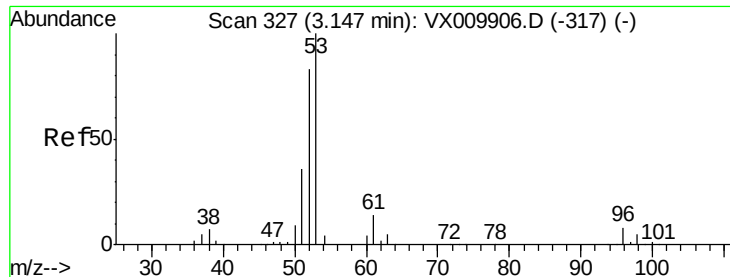
Ion Ratio Lower Upper

41 100

39 59.3 46.7 70.1

76 26.2 21.0 31.4





#15

Acrylonitrile

Concen: 248.449 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX009971.D

Acq: 30 May 2019 19:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

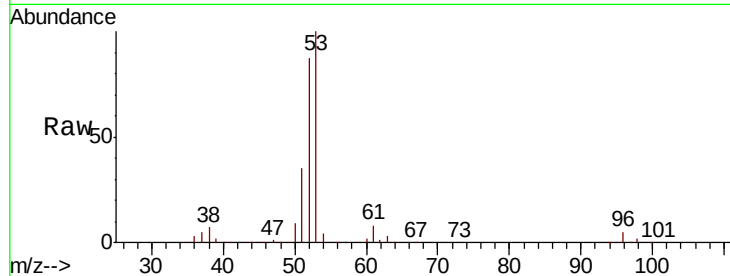
Tot Ion: 53 Resp: 335082

Ion Ratio Lower Upper

53 100

52 84.5 66.7 100.1

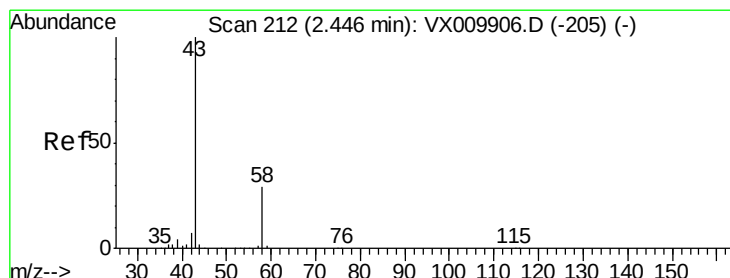
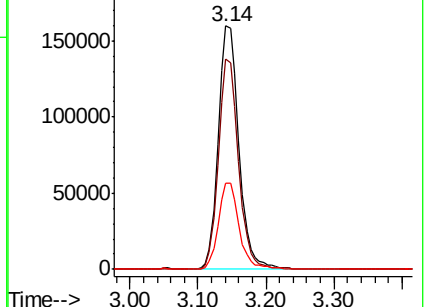
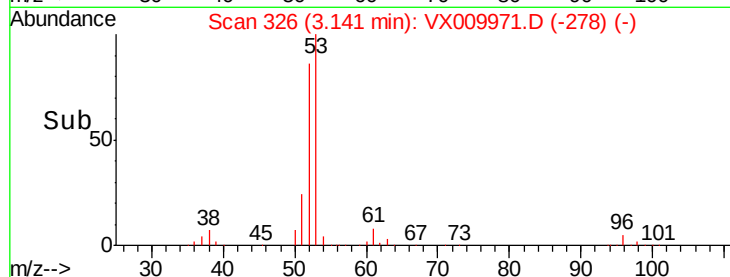
51 35.6 28.8 43.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 229.279 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX009971.D

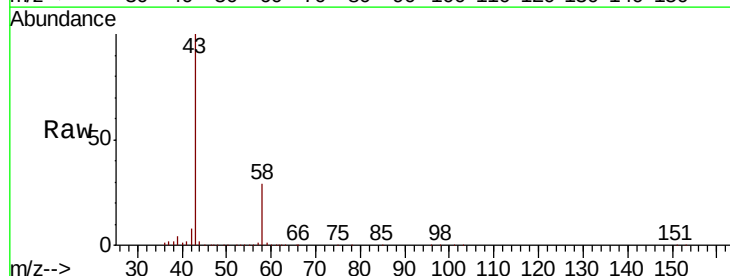
Acq: 30 May 2019 19:22

Tgt Ion: 43 Resp: 301305

Ion Ratio Lower Upper

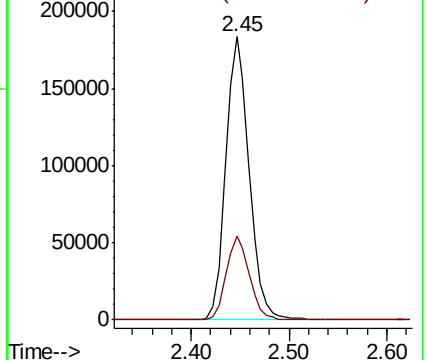
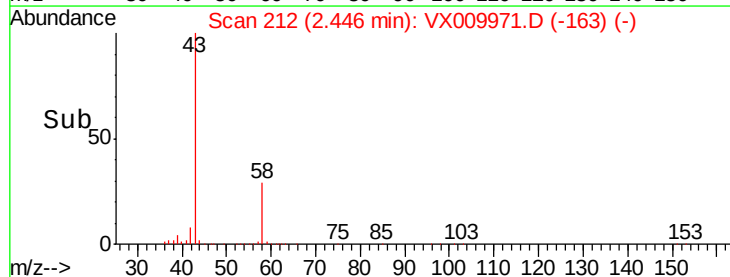
43 100

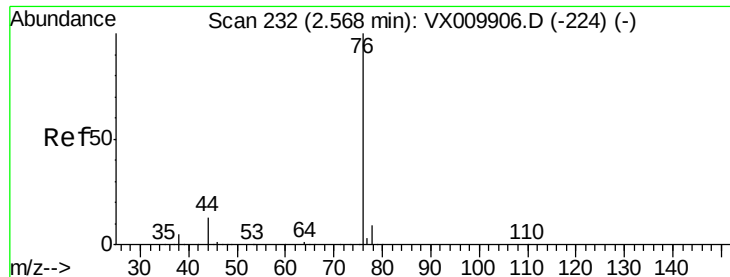
58 29.4 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 47.135 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX009971.D

Acq: 30 May 2019 19:22

Instrument :

MSVOA_X

ClientSampleId :

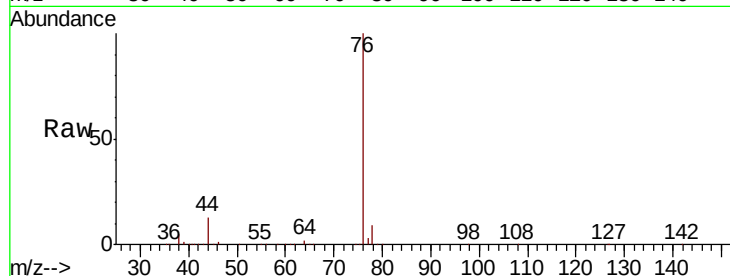
VSTDCCC050EC

Tot Ion: 76 Resp: 232622

Ion Ratio Lower Upper

76 100

78 8.8 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

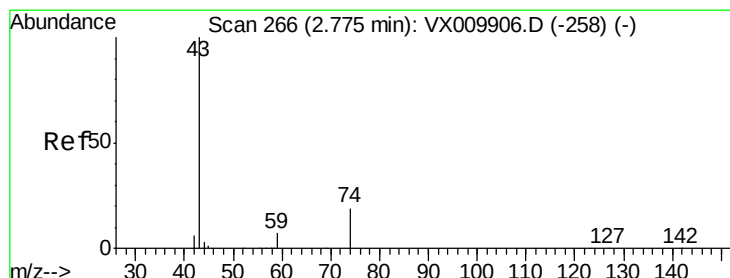
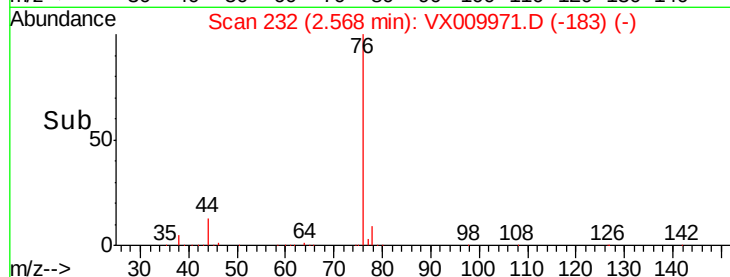
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 50.363 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX009971.D

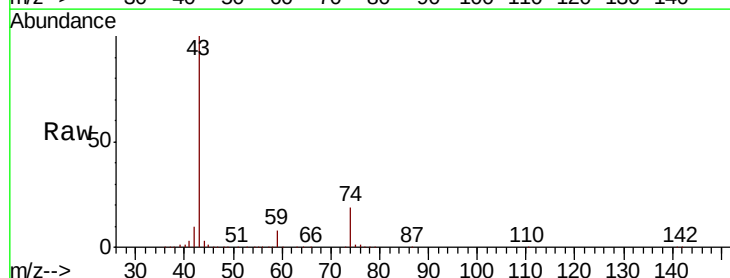
Acq: 30 May 2019 19:22

Tgt Ion: 43 Resp: 154000

Ion Ratio Lower Upper

43 100

74 19.5 15.8 23.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

100000

80000

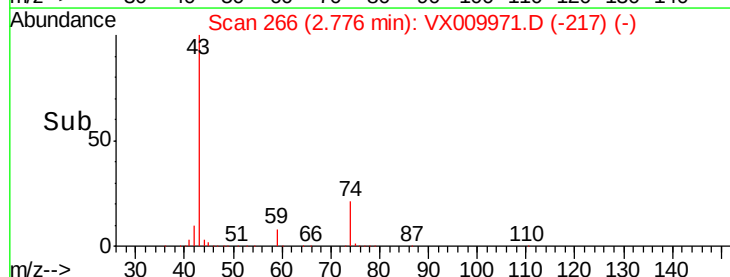
60000

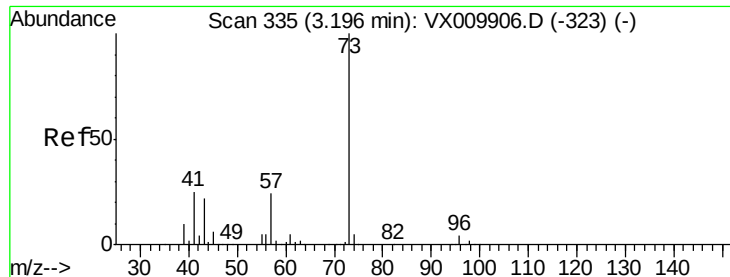
40000

20000

0

Time-->

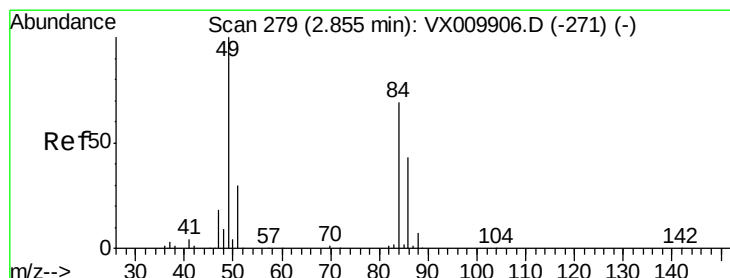
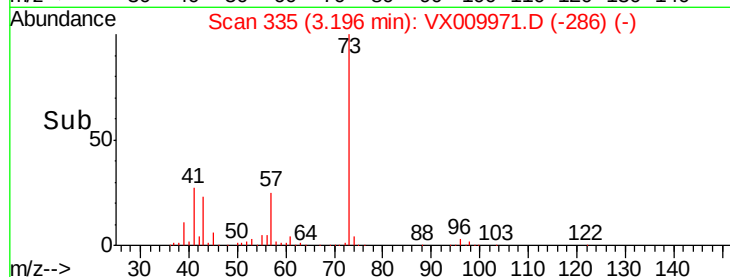
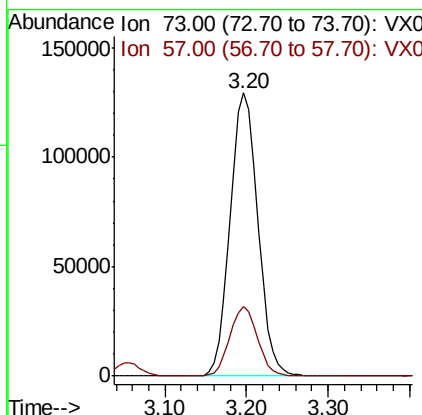
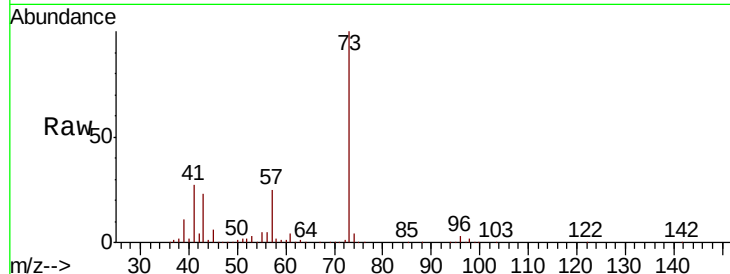




#19
Methyl tert-butyl Ether
Concen: 49.160 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX009971.D
Acq: 30 May 2019 19:22

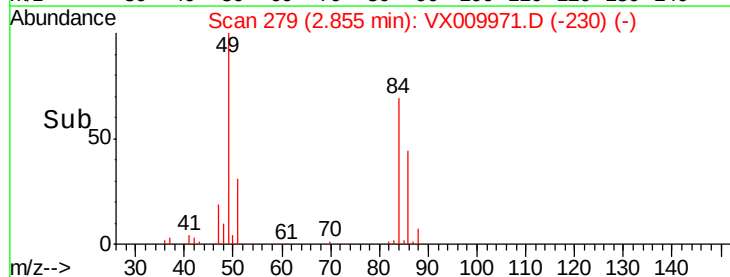
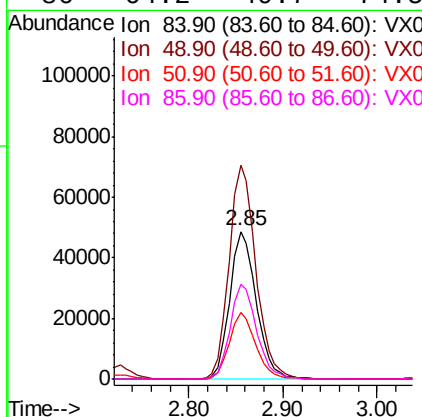
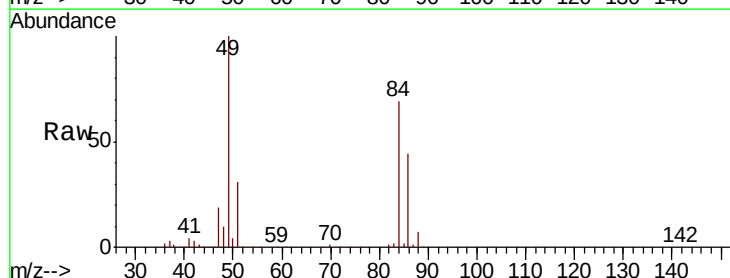
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

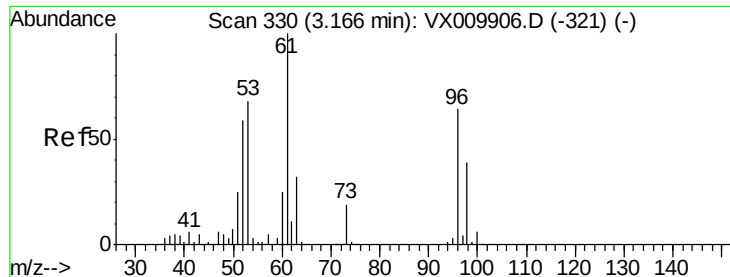
Tot Ion: 73 Resp: 302646
Ion Ratio Lower Upper
73 100
57 24.8 19.4 29.2



#20
Methylene Chloride
Concen: 47.528 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX009971.D
Acq: 30 May 2019 19:22

Tgt Ion: 84 Resp: 95647
Ion Ratio Lower Upper
84 100
49 144.5 115.8 173.6
51 44.8 34.4 51.6
86 64.2 49.7 74.5





#21

trans-1,2-Dichloroethene

Concen: 46.413 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX009971.D

Acq: 30 May 2019 19:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

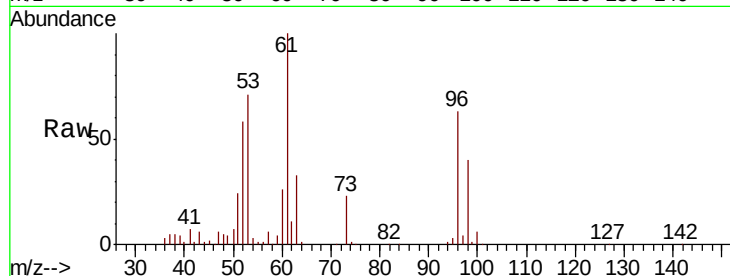
Tot Ion: 96 Resp: 84211

Ion Ratio Lower Upper

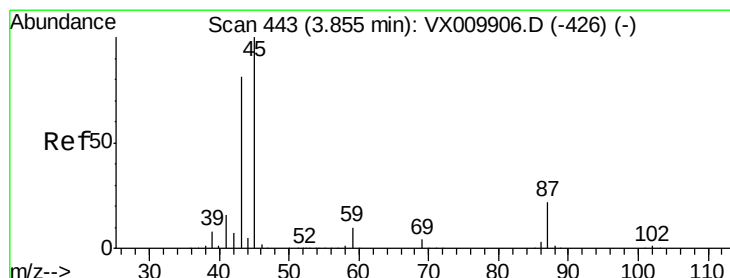
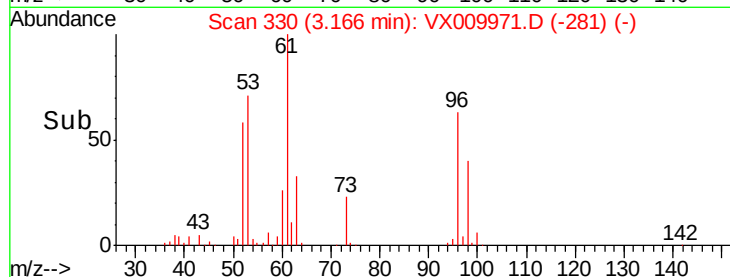
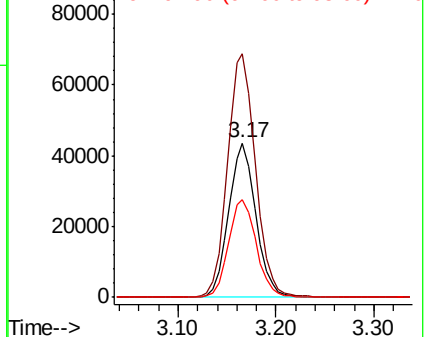
96 100

61 157.6 125.7 188.5

98 63.1 49.0 73.6



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



#22

Diisopropyl ether

Concen: 50.628 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX009971.D

Acq: 30 May 2019 19:22

Tgt Ion: 45 Resp: 381781

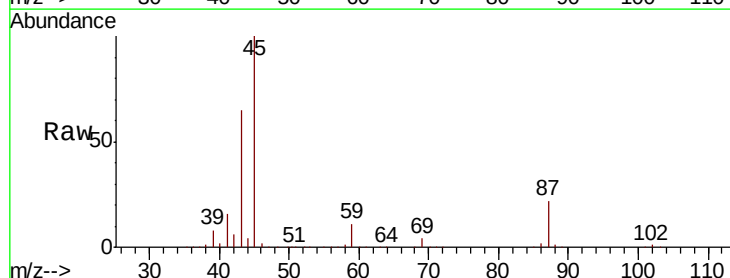
Ion Ratio Lower Upper

45 100

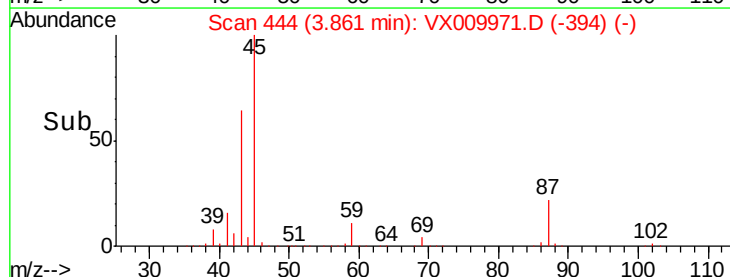
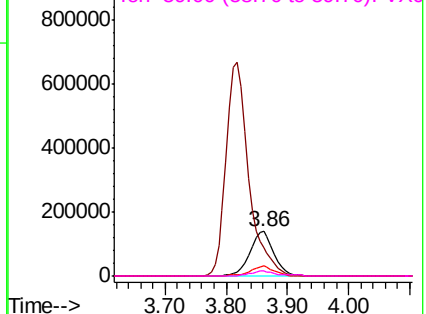
43 64.5 65.0 97.4#

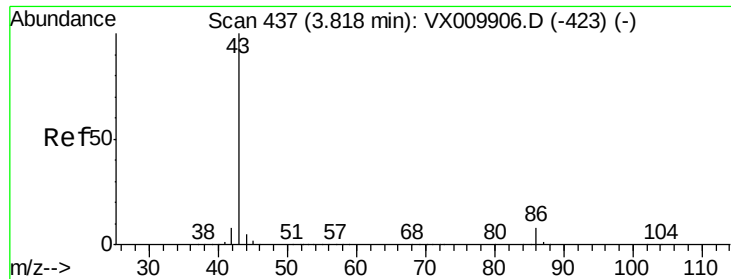
87 22.0 17.3 25.9

59 10.5 8.1 12.1



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 252.951 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.00 min

Lab File: VX009971.D

Acq: 30 May 2019 19:22

Instrument :

MSVOA_X

ClientSampleId :

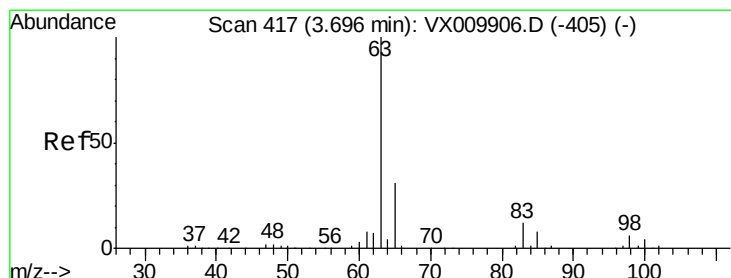
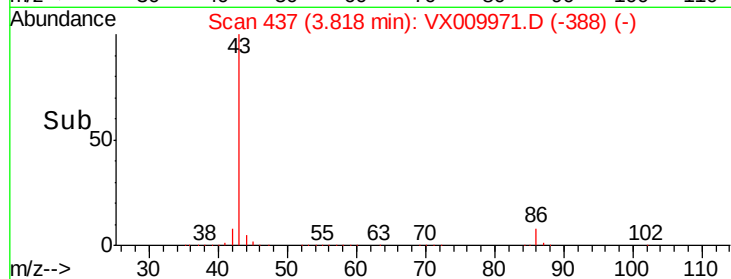
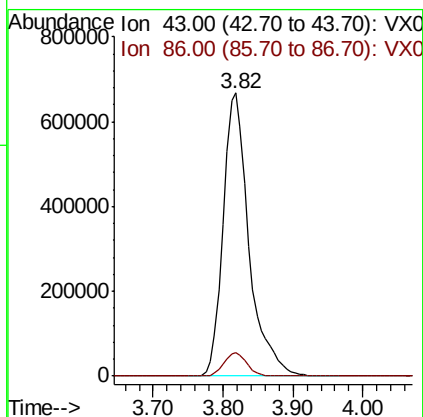
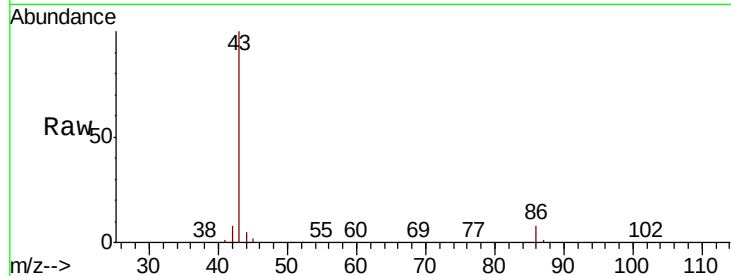
VSTDCCC050EC

Tot Ion: 43 Resp: 1713587

Ion Ratio Lower Upper

43 100

86 8.1 6.5 9.7



#24

1,1-Dichloroethane

Concen: 49.617 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX009971.D

Acq: 30 May 2019 19:22

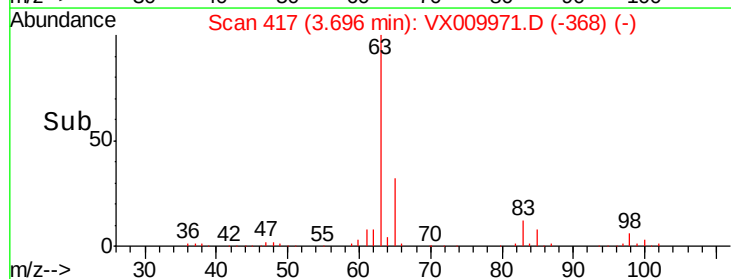
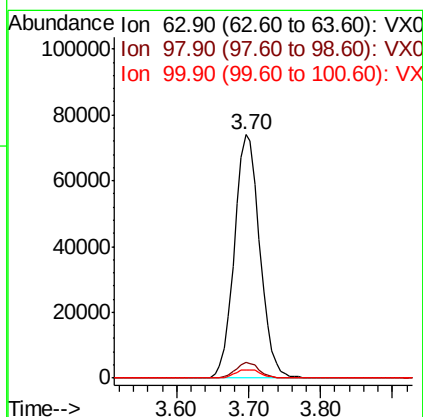
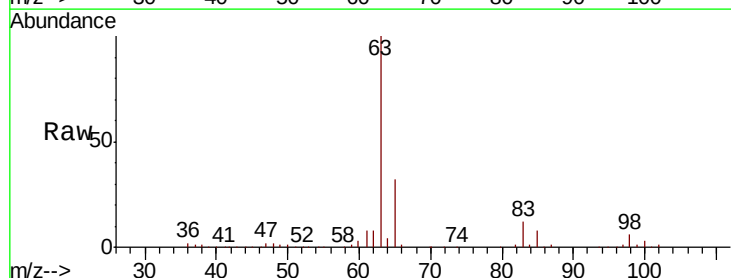
Tgt Ion: 63 Resp: 181323

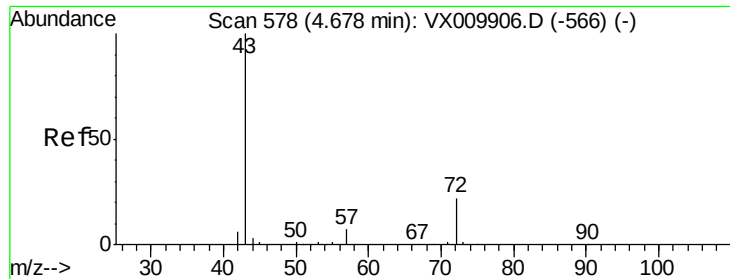
Ion Ratio Lower Upper

63 100

98 6.3 2.9 8.8

100 3.4 1.8 5.4





#25

2-Butanone

Concen: 250.041 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.00 min

Lab File: VX009971.D

Acq: 30 May 2019 19:22

Instrument :

MSVOA_X

ClientSampleId :

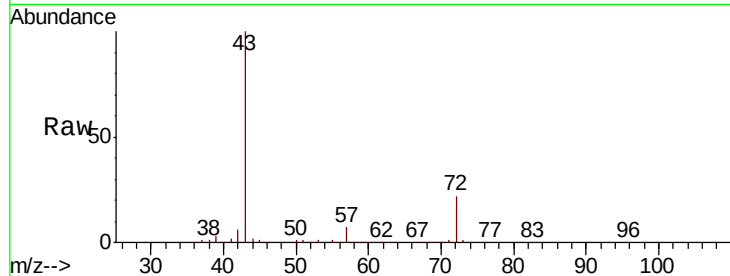
VSTDCCC050EC

Tot Ion: 43 Resp: 511936

Ion Ratio Lower Upper

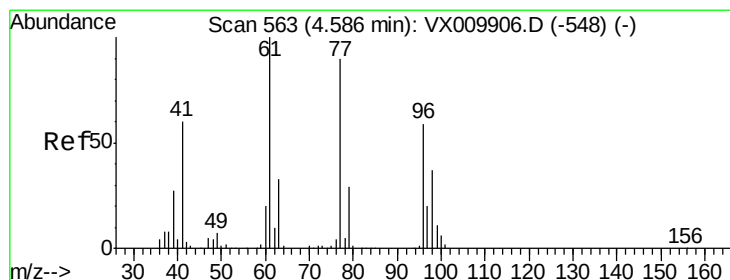
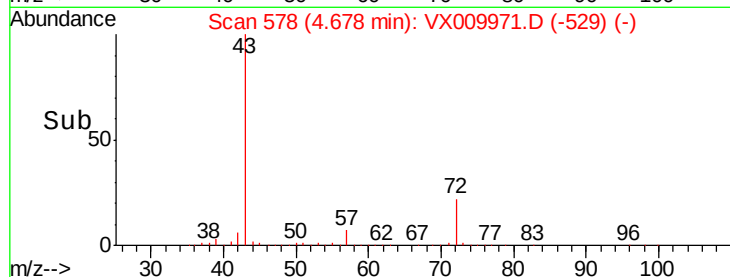
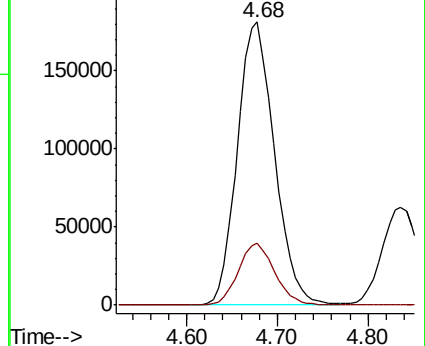
43 100

72 21.7 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 43.735 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX009971.D

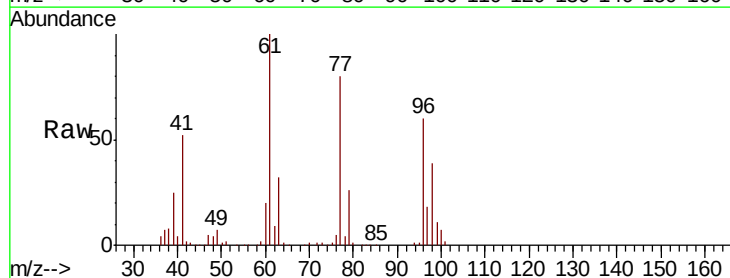
Acq: 30 May 2019 19:22

Tgt Ion: 77 Resp: 120903

Ion Ratio Lower Upper

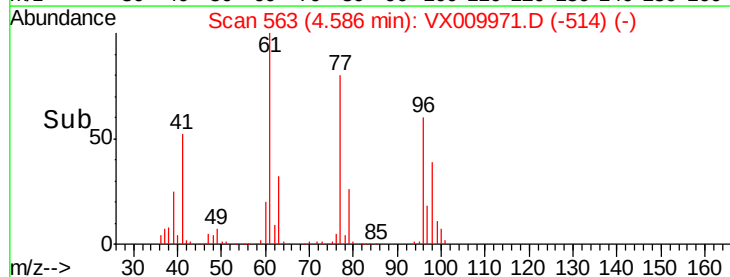
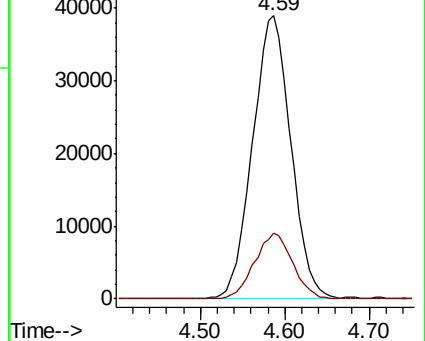
77 100

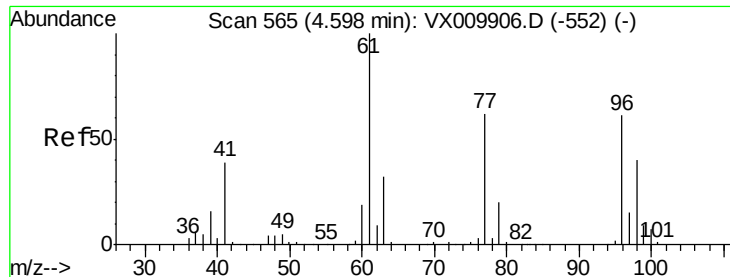
97 23.1 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



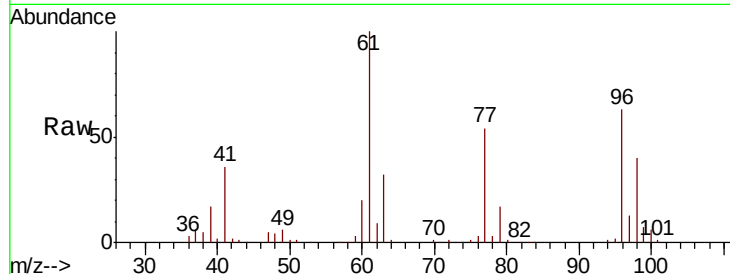


#27

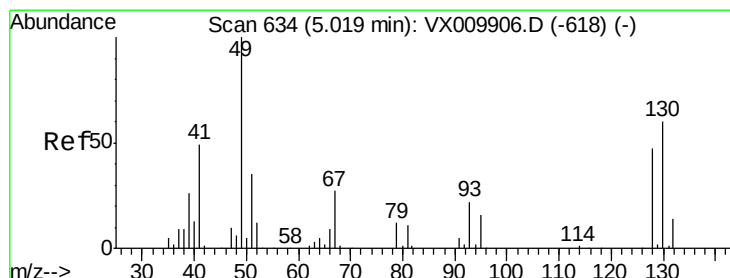
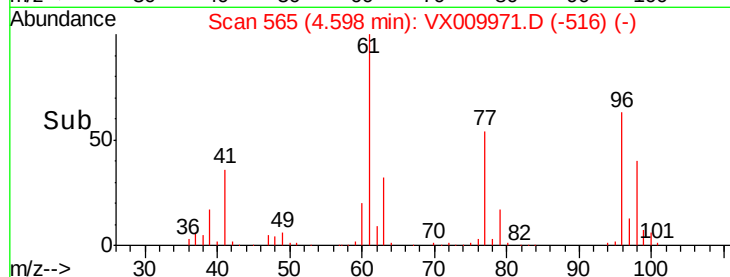
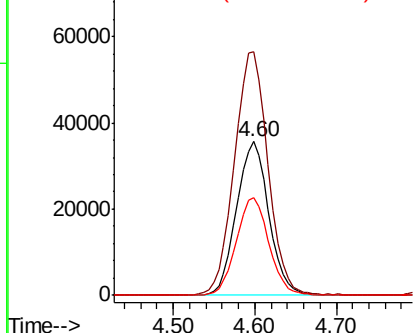
cis-1,2-Dichloroethene
Concen: 46.766 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX009971.D
Acq: 30 May 2019 19:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 96 Resp: 97947
Ion Ratio Lower Upper
96 100
61 165.5 0.0 334.0
98 64.2 0.0 131.6



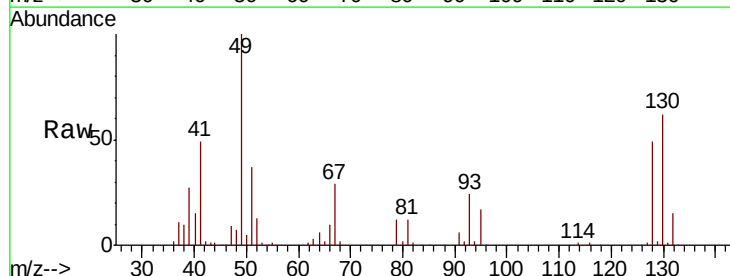
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



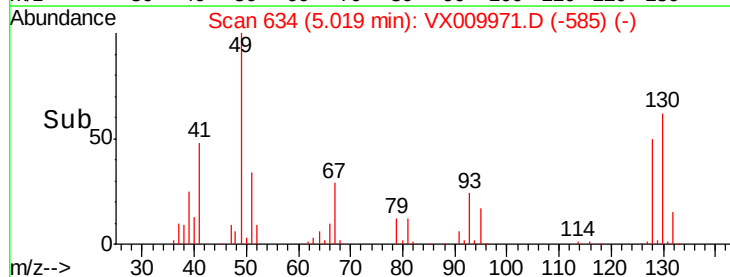
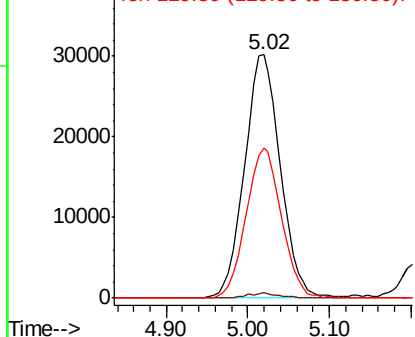
#28

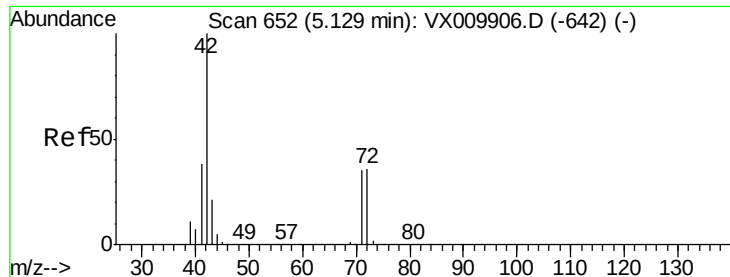
Bromochloromethane
Concen: 48.632 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX009971.D
Acq: 30 May 2019 19:22

Tgt Ion: 49 Resp: 92227
Ion Ratio Lower Upper
49 100
129 1.9 0.0 3.4
130 60.9 49.4 74.2



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





#29

Tetrahydrofuran

Concen: 253.081 ug/l

RT: 5.13 min Scan# 653

Delta R.T. 0.01 min

Lab File: VX009971.D

Acq: 30 May 2019 19:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

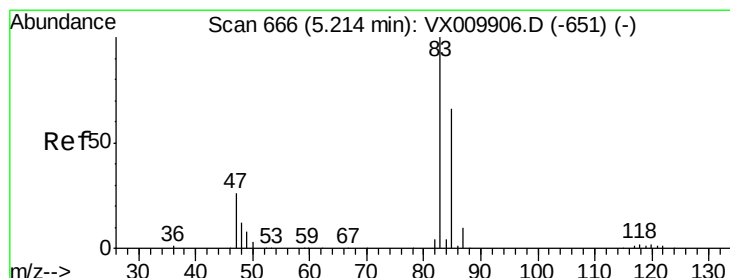
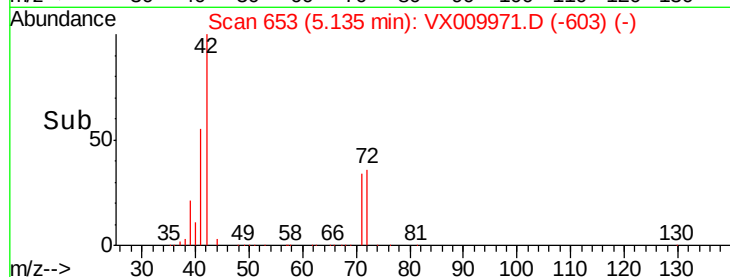
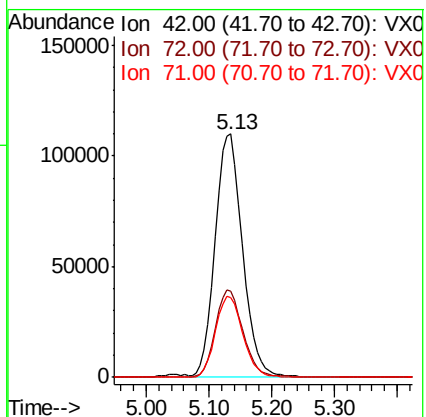
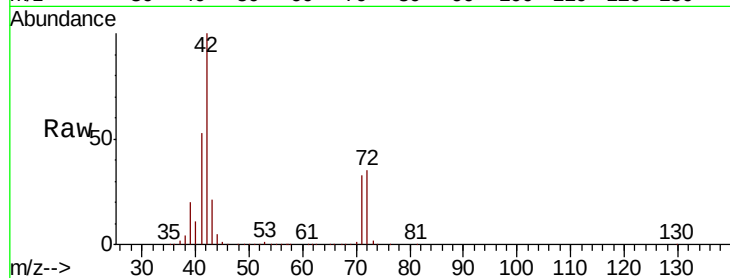
Tot Ion: 42 Resp: 332276

Ion Ratio Lower Upper

42 100

72 36.3 29.2 43.8

71 33.5 27.6 41.4



#30

Chloroform

Concen: 49.127 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX009971.D

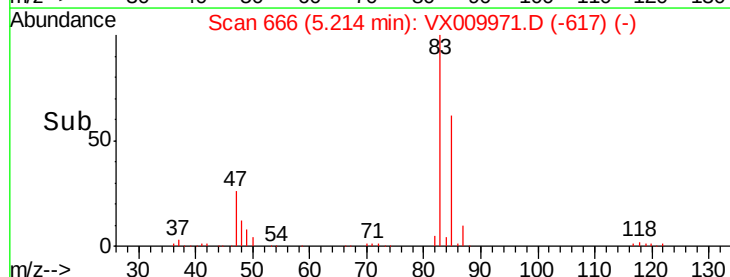
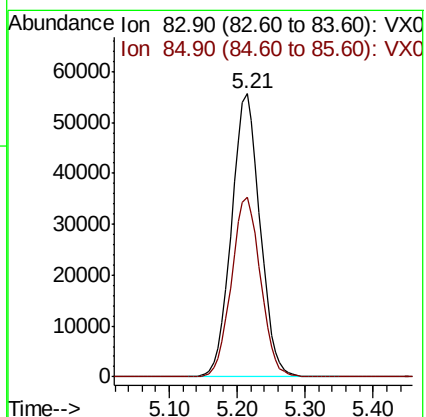
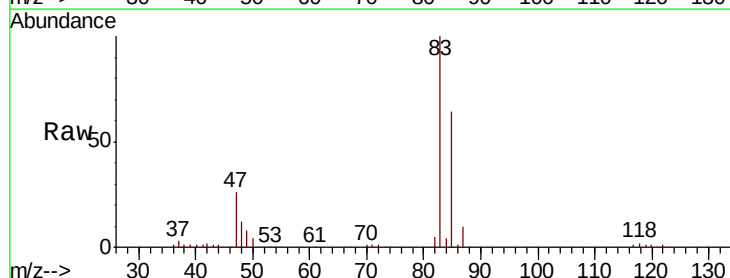
Acq: 30 May 2019 19:22

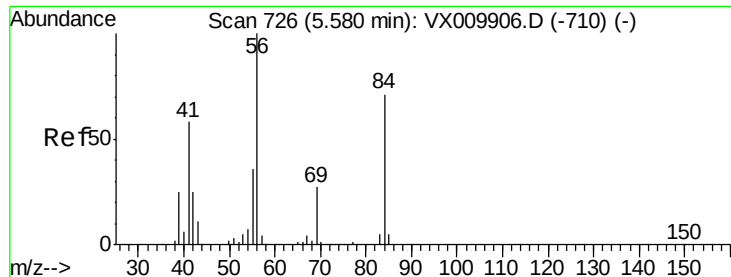
Tgt Ion: 83 Resp: 161913

Ion Ratio Lower Upper

83 100

85 63.6 52.6 78.8

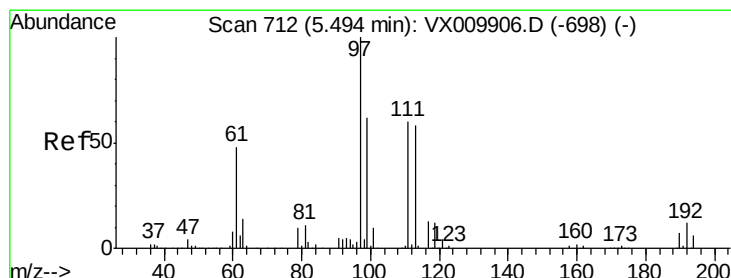
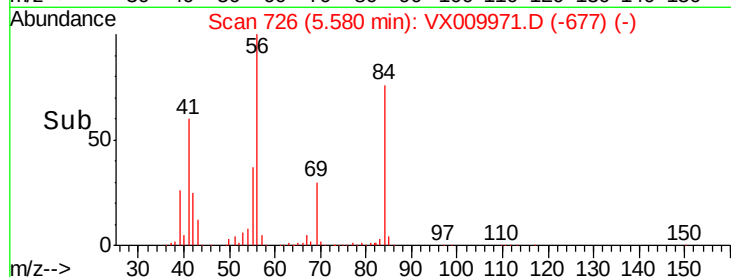
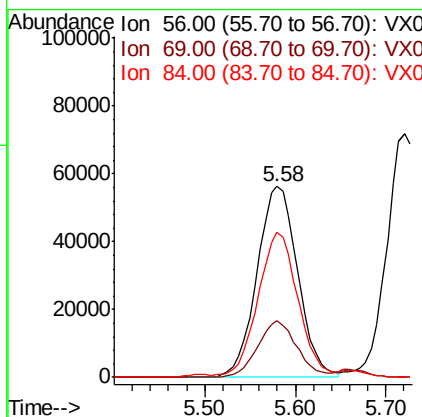
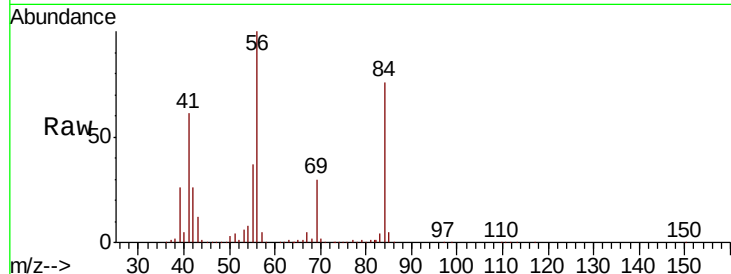




#31
Cyclohexane
Concen: 50.465 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX009971.D
Acq: 30 May 2019 19:22

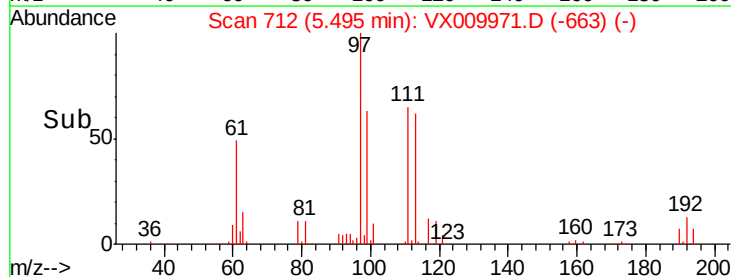
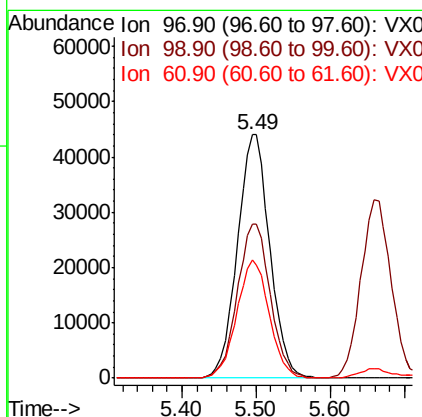
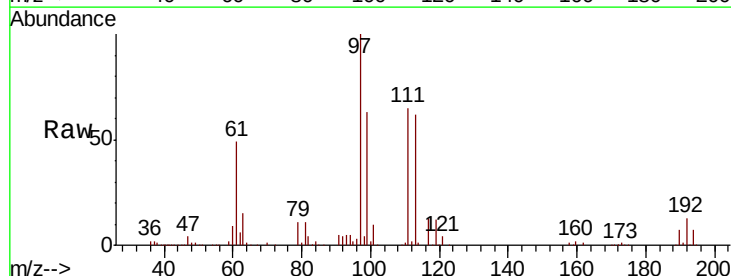
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

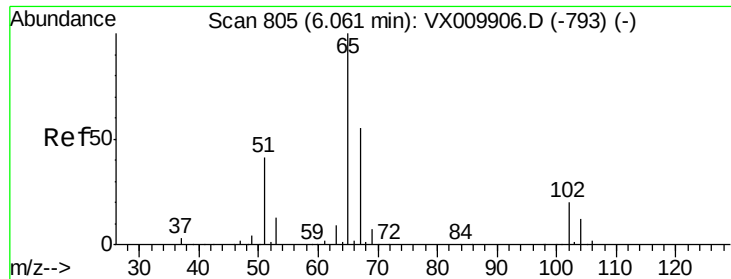
Tot Ion: 56 Resp: 174674
Ion Ratio Lower Upper
56 100
69 30.0 21.6 32.4
84 74.7 56.8 85.2



#32
1,1,1-Trichloroethane
Concen: 49.968 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX009971.D
Acq: 30 May 2019 19:22

Tgt Ion: 97 Resp: 134120
Ion Ratio Lower Upper
97 100
99 64.4 51.0 76.4
61 48.8 38.7 58.1

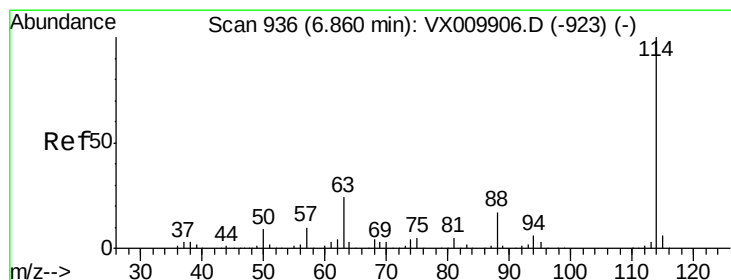
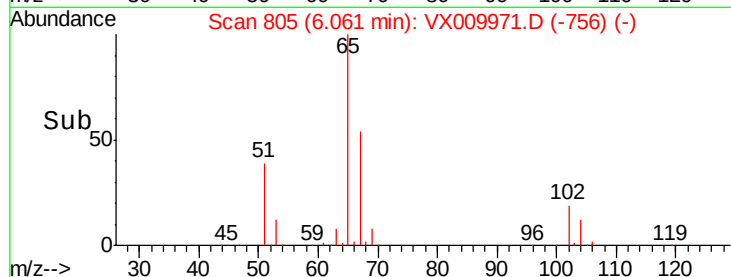
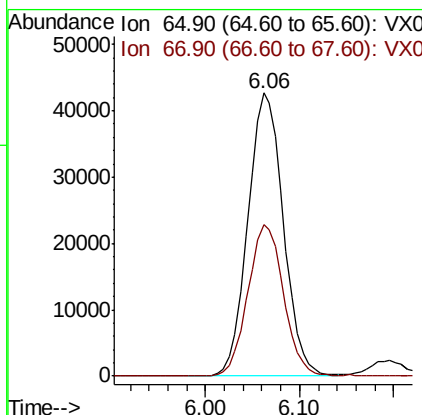
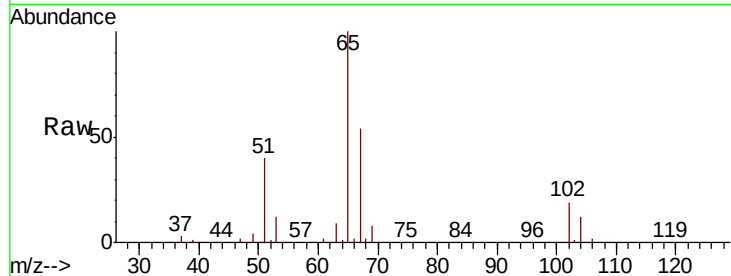




#33
 1,2-Dichloroethane-d4
 Concen: 49.399 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX009971.D
 Acq: 30 May 2019 19:22

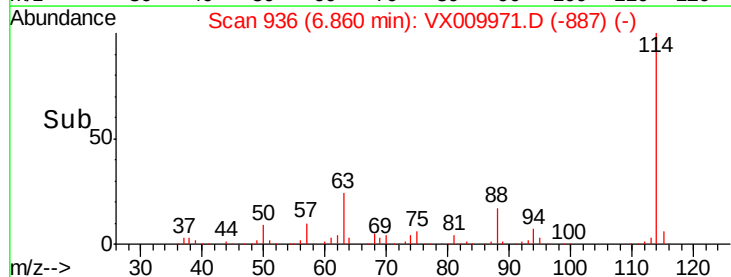
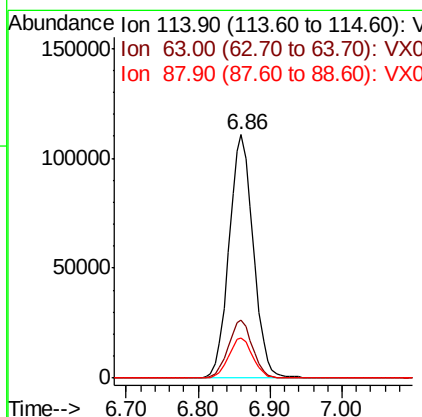
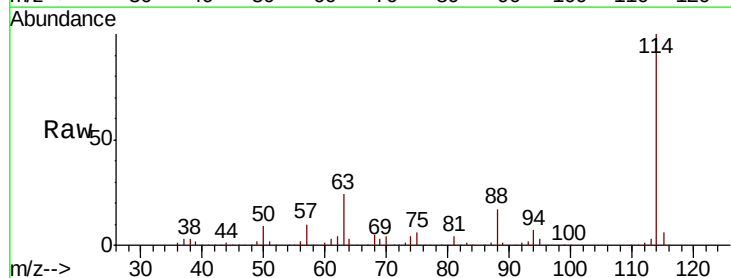
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

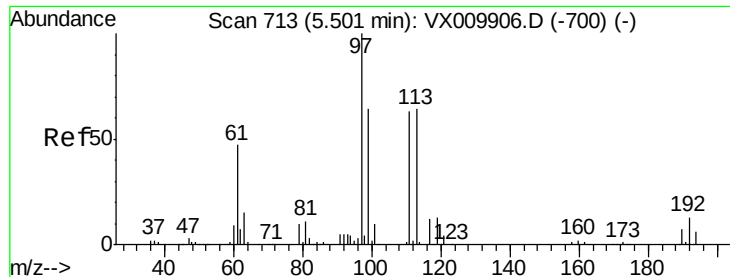
Tot Ion: 65 Resp: 112356
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009971.D
 Acq: 30 May 2019 19:22

Tgt Ion: 114 Resp: 259312
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 47.4
 88 16.7 0.0 33.0





#35

Dibromofluoromethane

Concen: 49.104 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX009971.D

Acq: 30 May 2019 19:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

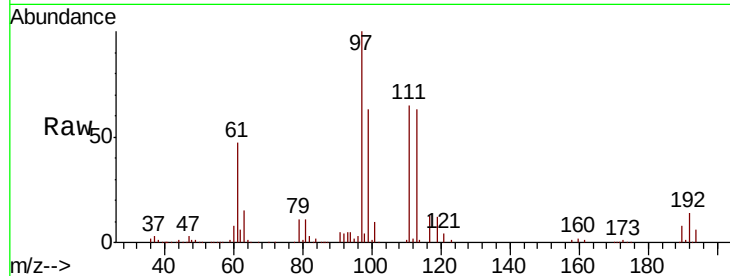
Tot Ion:113 Resp: 80055

Ion Ratio Lower Upper

113 100

111 103.4 82.2 123.2

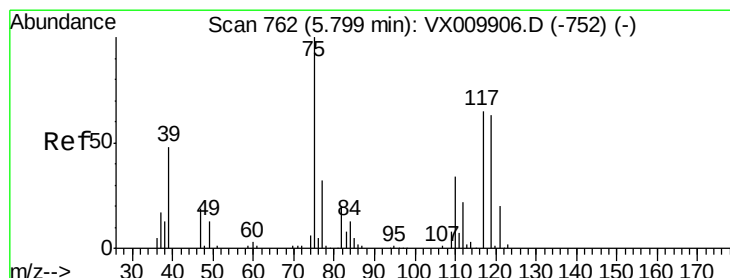
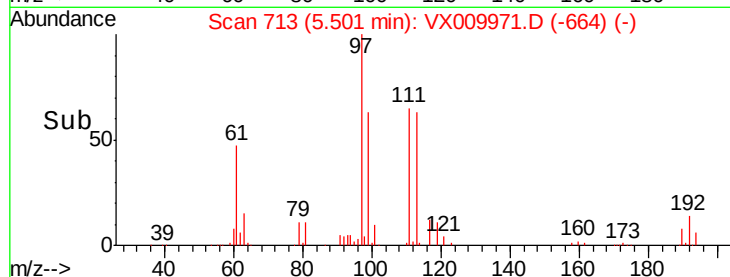
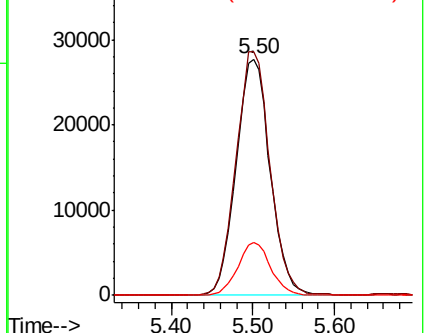
192 21.8 17.1 25.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 47.717 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX009971.D

Acq: 30 May 2019 19:22

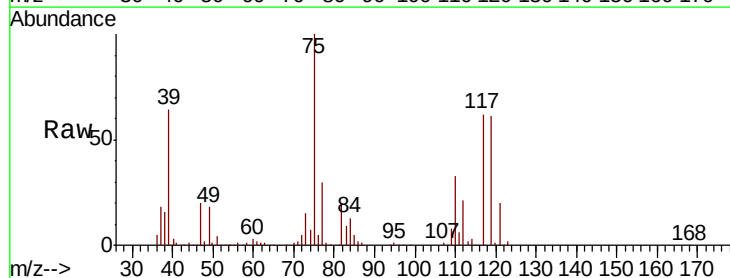
Tgt Ion: 75 Resp: 125545

Ion Ratio Lower Upper

75 100

110 33.1 16.7 50.1

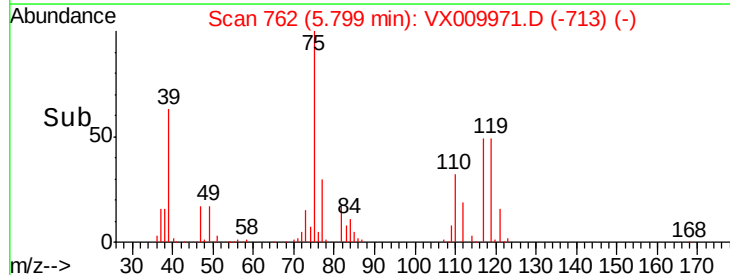
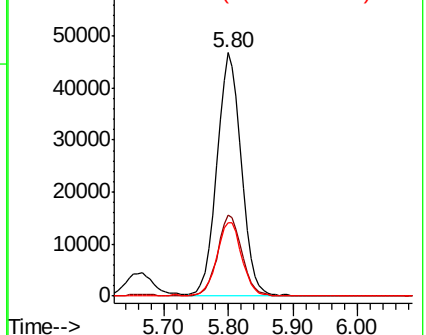
77 30.9 25.0 37.4

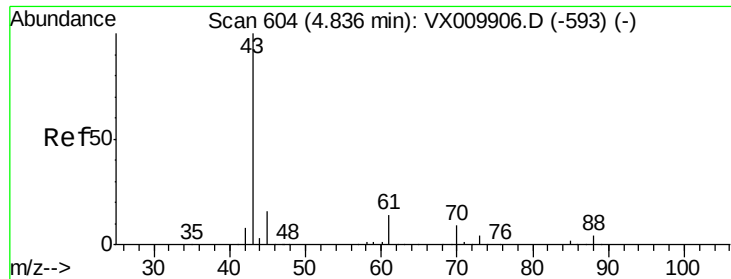


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 50.972 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX009971.D

Acq: 30 May 2019 19:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

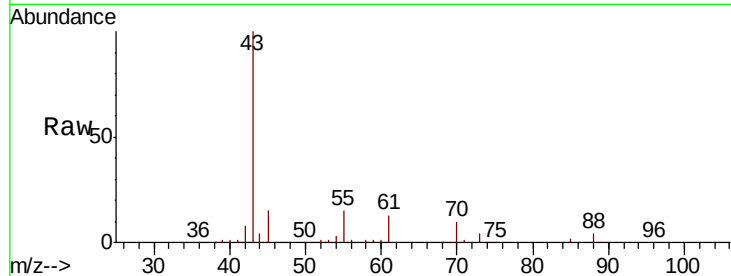
Tot Ion: 43 Resp: 186862

Ion Ratio Lower Upper

43 100

61 12.5 10.2 15.2

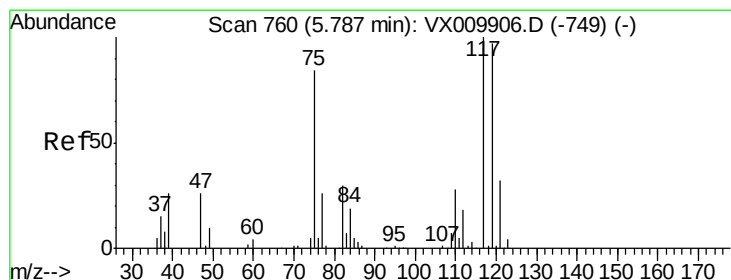
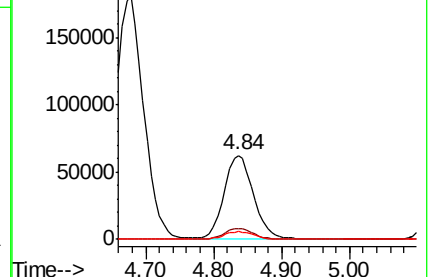
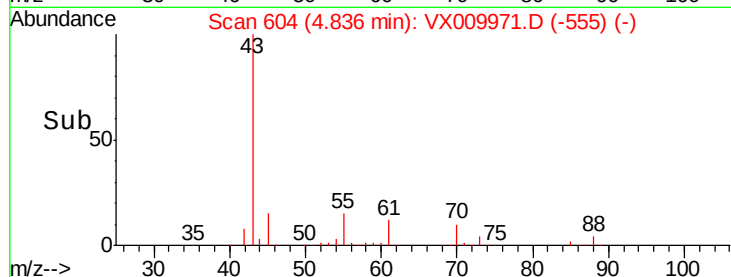
70 9.2 7.4 11.2



Abundance Ion 43.00 (42.70 to 43.70): VX009971.D (-555) (-)

Ion 60.90 (60.60 to 61.60): VX009971.D (-555) (-)

Ion 70.00 (69.70 to 70.70): VX009971.D (-555) (-)



#38

Carbon Tetrachloride

Concen: 49.366 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX009971.D

Acq: 30 May 2019 19:22

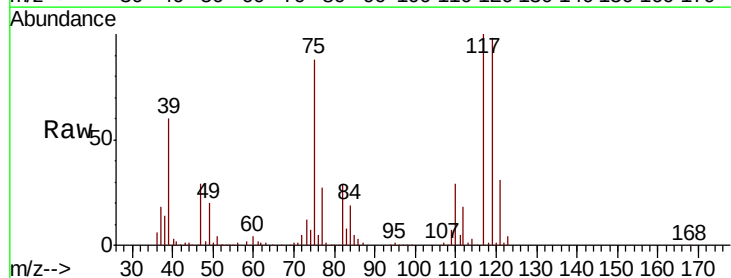
Tgt Ion: 117 Resp: 112236

Ion Ratio Lower Upper

117 100

119 97.8 77.3 115.9

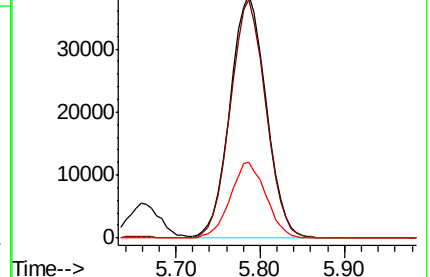
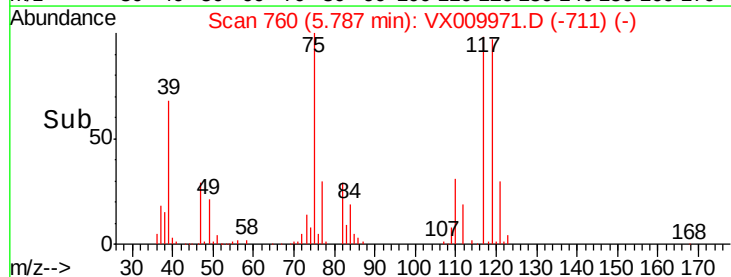
121 31.0 25.4 38.0

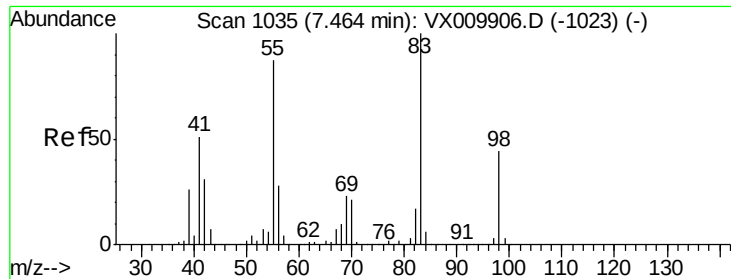


Abundance Ion 116.80 (116.50 to 117.50): VX009971.D (-711) (-)

Ion 118.80 (118.50 to 119.50): VX009971.D (-711) (-)

Ion 120.80 (120.50 to 121.50): VX009971.D (-711) (-)

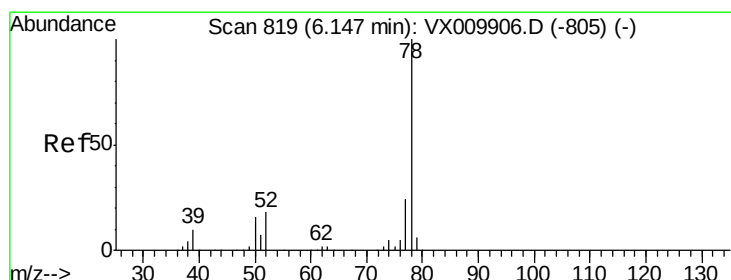
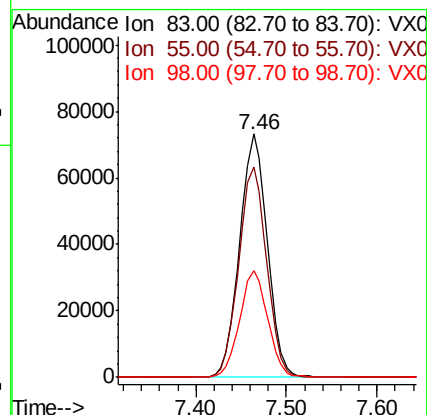
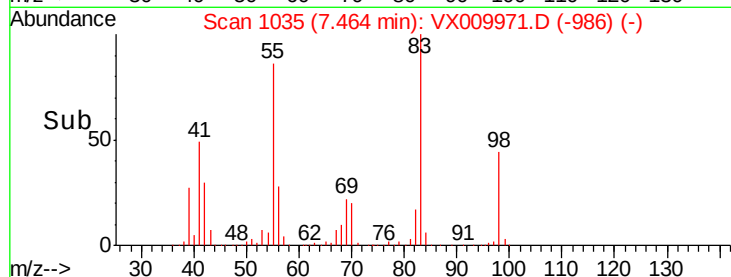
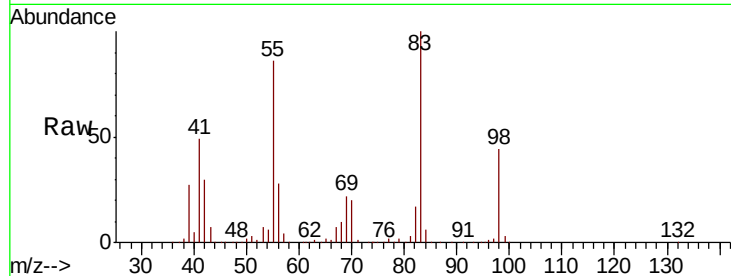




#39
Methylvlcyclohexane
Concen: 49.722 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX009971.D
Acq: 30 May 2019 19:22

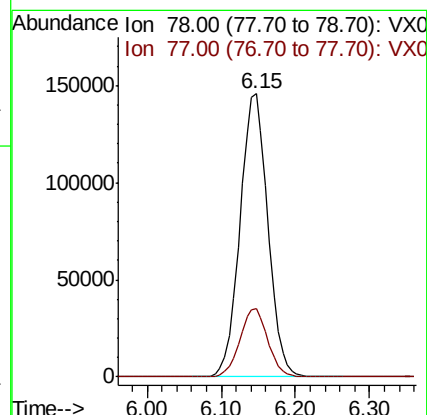
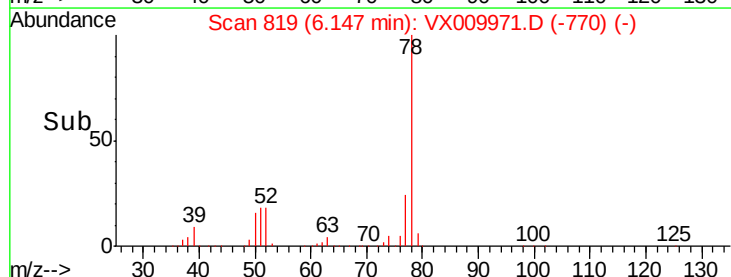
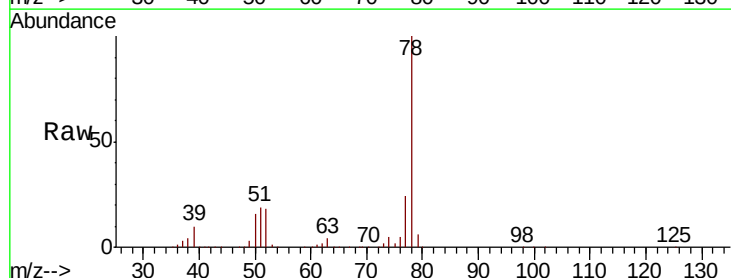
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

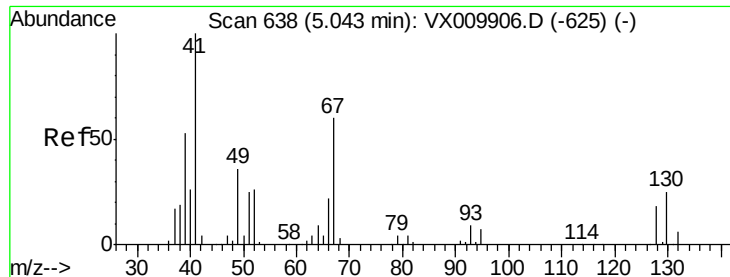
Tot Ion: 83 Resp: 155175
Ion Ratio Lower Upper
83 100
55 86.2 69.9 104.9
98 43.9 35.1 52.7



#40
Benzene
Concen: 49.027 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.00 min
Lab File: VX009971.D
Acq: 30 May 2019 19:22

Tgt Ion: 78 Resp: 382646
Ion Ratio Lower Upper
78 100
77 24.1 19.2 28.8





#41

Methacrylonitrile

Concen: 49.855 ug/l

RT: 5.04 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX009971.D

Acq: 30 May 2019 19:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 106798

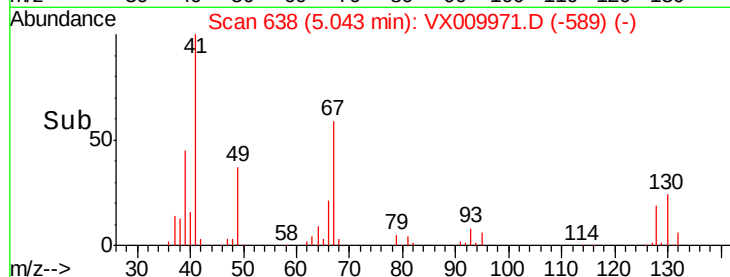
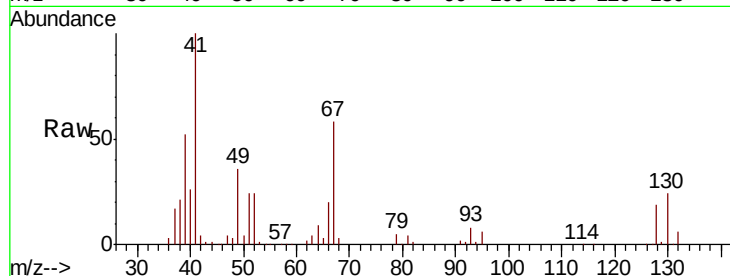
Ion Ratio Lower Upper

41 100

39 53.3 42.2 63.4

67 60.5 48.9 73.3

52 26.0 20.1 30.1

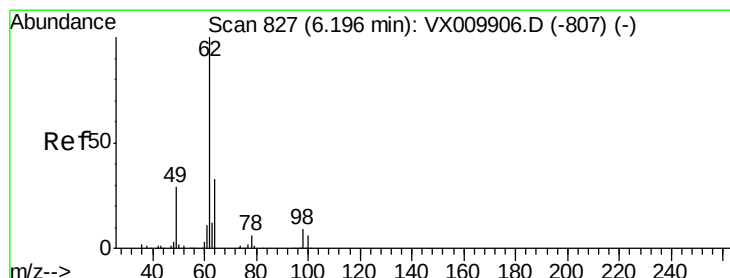
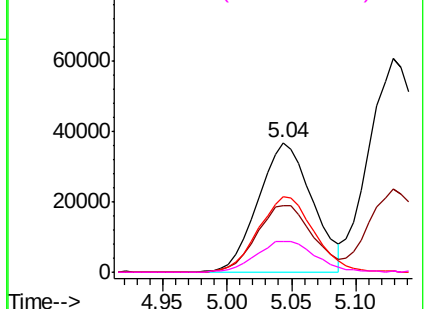


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 49.408 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX009971.D

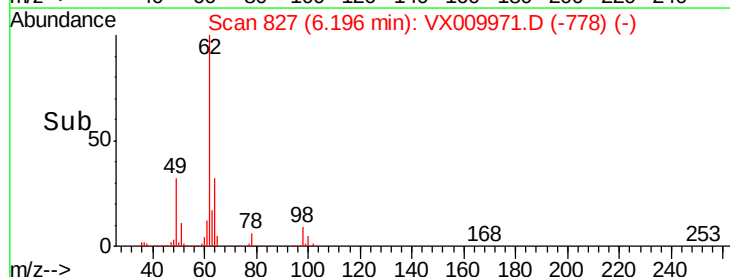
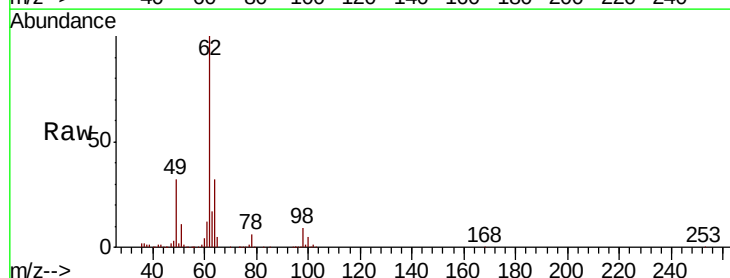
Acq: 30 May 2019 19:22

Tgt Ion: 62 Resp: 142562

Ion Ratio Lower Upper

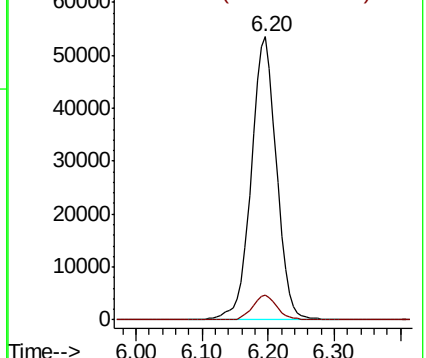
62 100

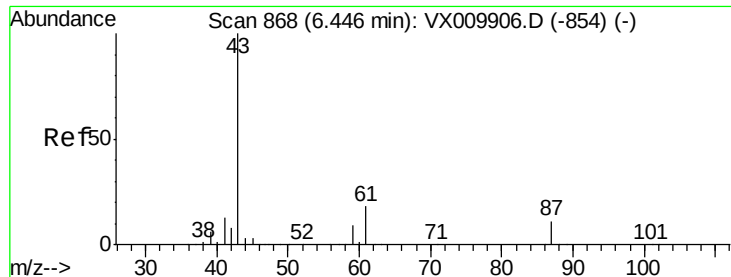
98 8.3 0.0 17.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 50.574 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX009971.D

Acq: 30 May 2019 19:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

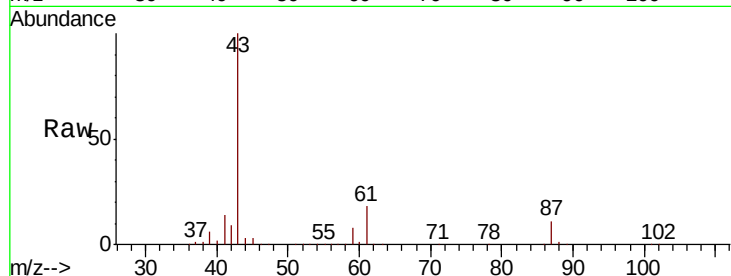
Tot Ion: 43 Resp: 299157

Ion Ratio Lower Upper

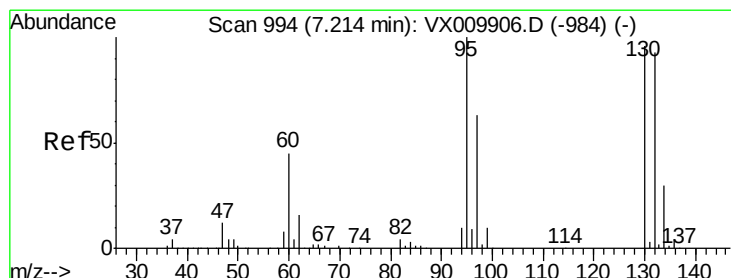
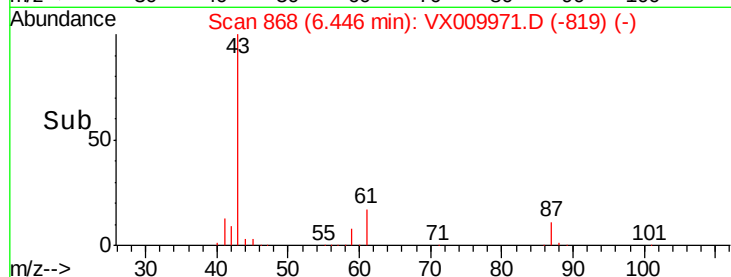
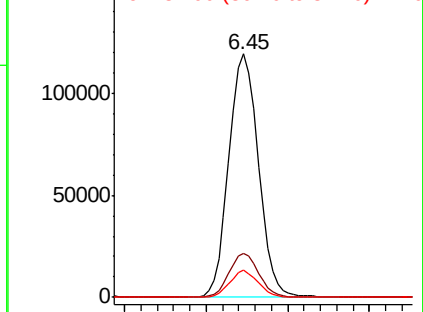
43 100

61 18.1 14.6 21.8

87 10.7 8.7 13.1



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



#44

Trichloroethene

Concen: 46.873 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX009971.D

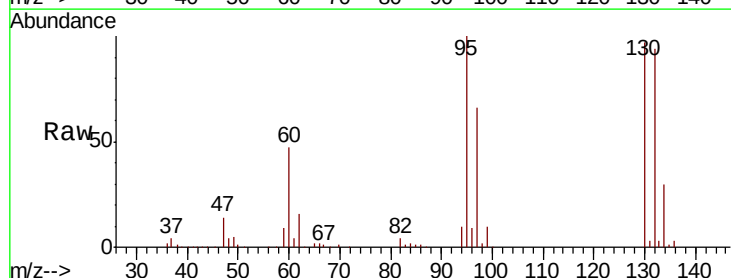
Acq: 30 May 2019 19:22

Tgt Ion:130 Resp: 88862

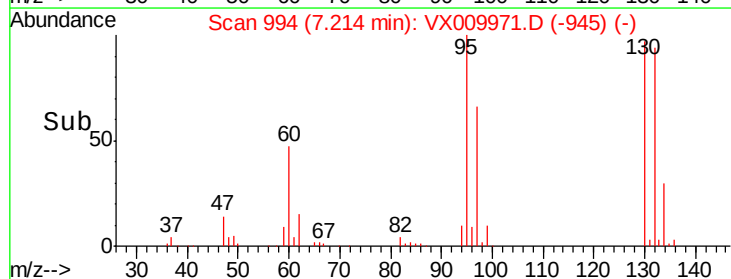
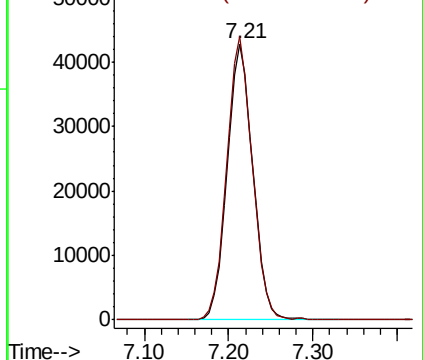
Ion Ratio Lower Upper

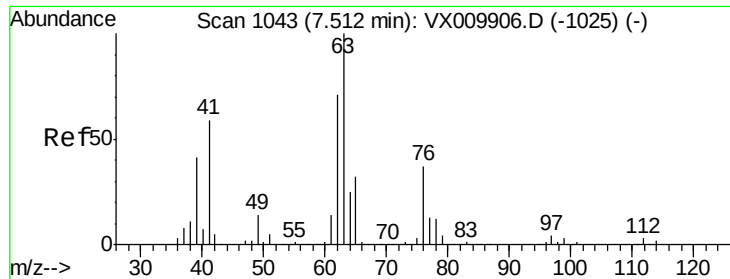
130 100

95 102.7 0.0 207.4



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

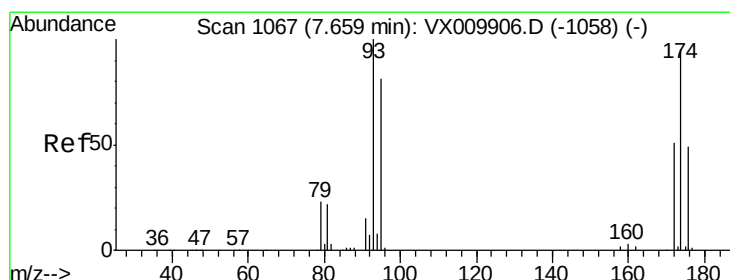
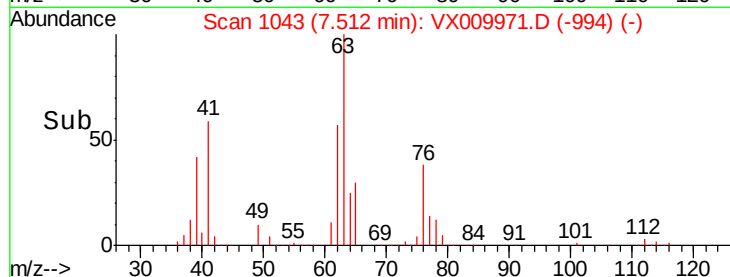
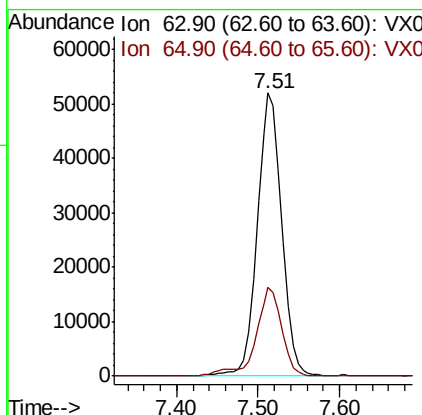
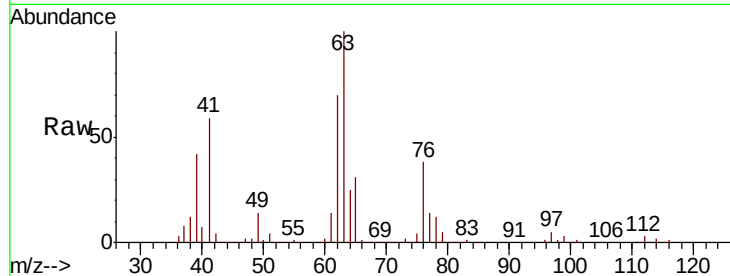




#45
 1,2-Dichloropropane
 Concen: 48.370 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX009971.D
 Acq: 30 May 2019 19:22

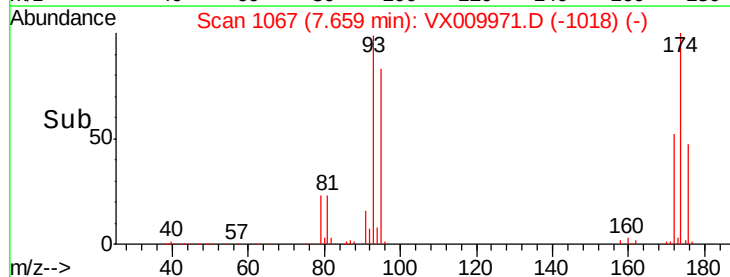
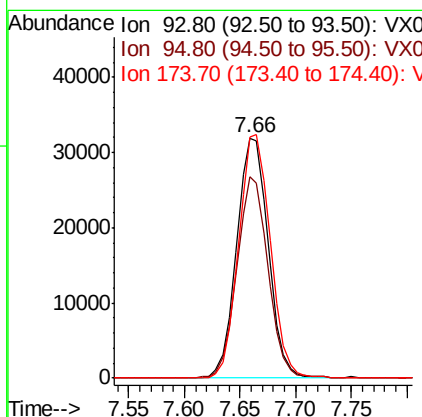
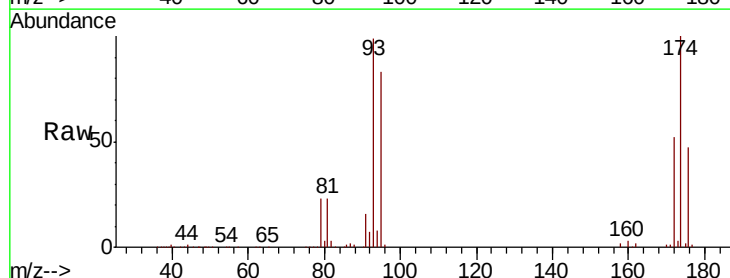
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

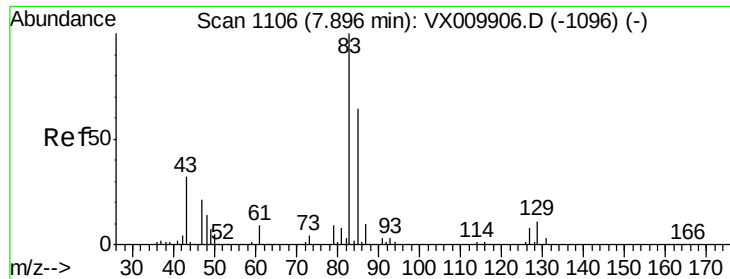
Tot Ion: 63 Resp: 108675
 Ion Ratio Lower Upper
 63 100
 65 31.4 25.7 38.5



#46
 Dibromomethane
 Concen: 47.495 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX009971.D
 Acq: 30 May 2019 19:22

Tgt Ion: 93 Resp: 62812
 Ion Ratio Lower Upper
 93 100
 95 82.6 66.8 100.2
 174 102.0 81.9 122.9





#47

Bromodichloromethane

Concen: 50.675 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX009971.D

Acq: 30 May 2019 19:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

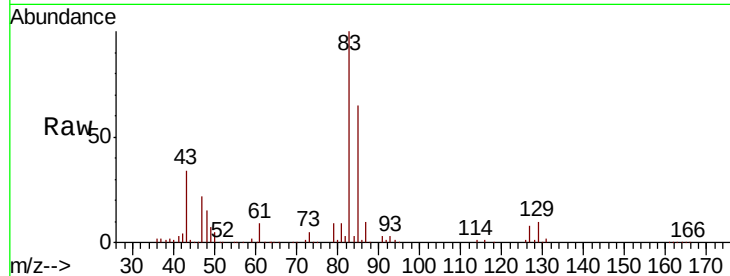
Tot Ion: 83 Resp: 127441

Ion Ratio Lower Upper

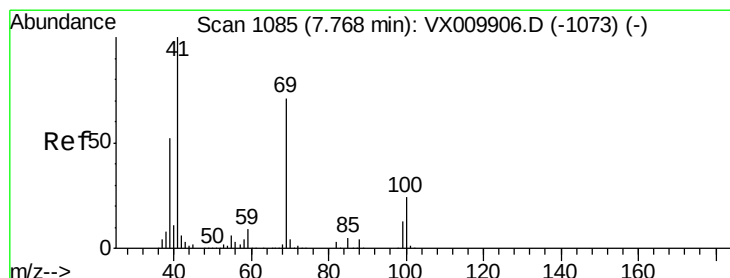
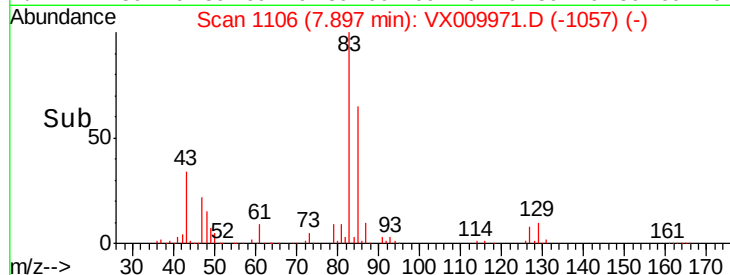
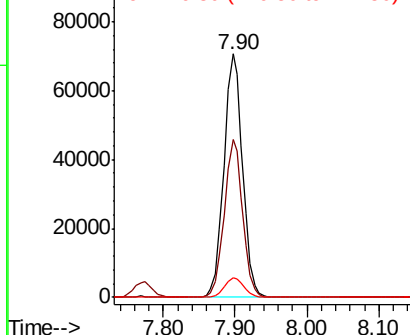
83 100

85 64.6 51.4 77.2

127 7.9 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 51.567 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX009971.D

Acq: 30 May 2019 19:22

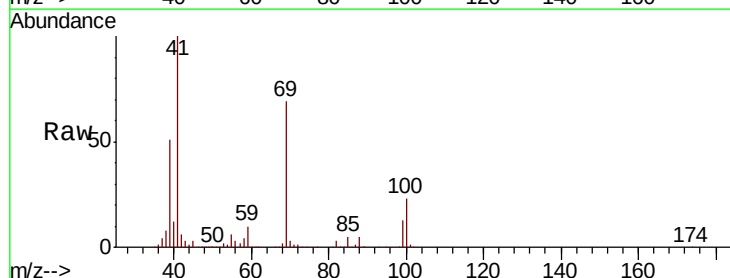
Tgt Ion: 41 Resp: 151000

Ion Ratio Lower Upper

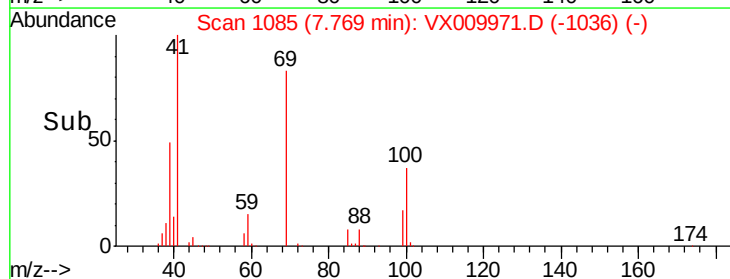
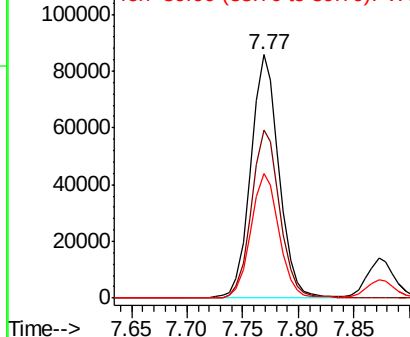
41 100

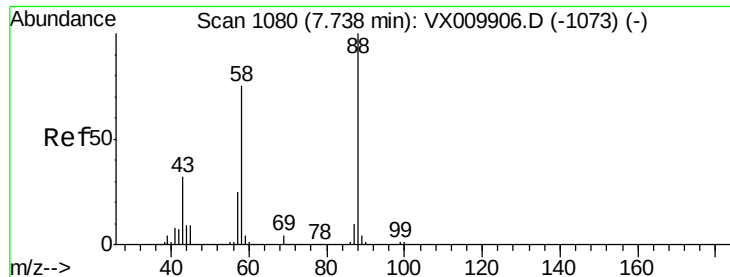
69 70.0 56.4 84.6

39 51.3 40.6 60.8



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

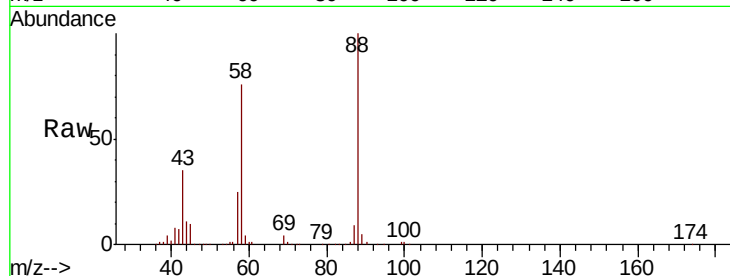




#49
1,4-Dioxane
Concen: 976.494 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX009971.D
Acq: 30 May 2019 19:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	39.2	30.2	45.4
58	80.4	64.0	96.0

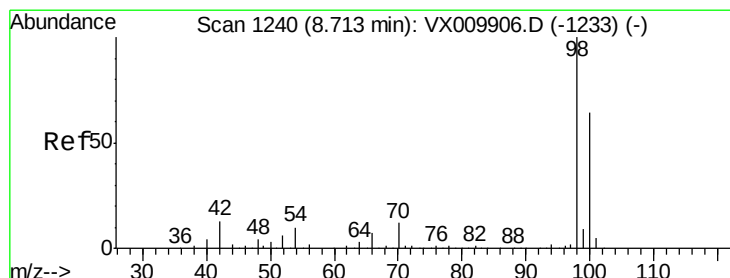
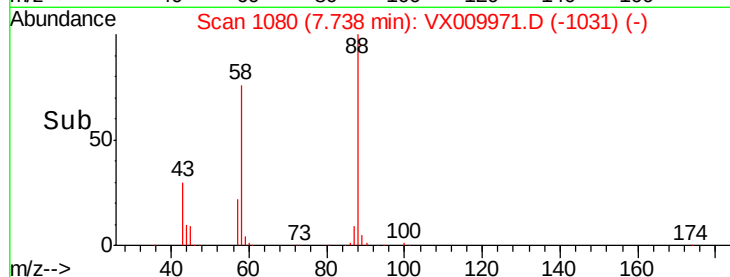
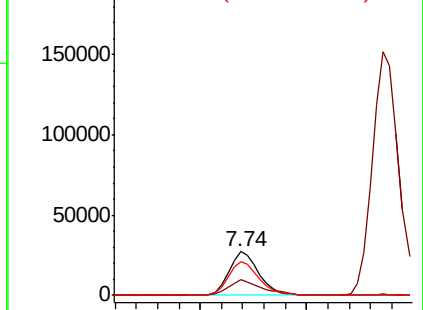


Abundance

Ion 88.00 (87.70 to 88.70): VX0

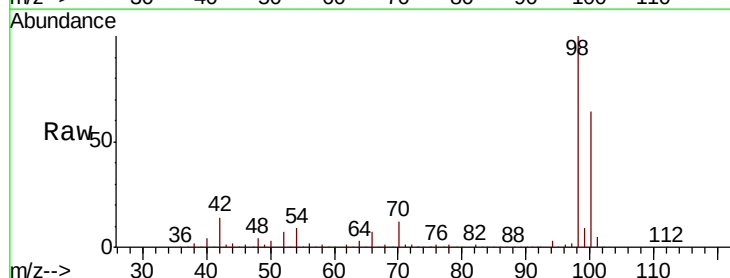
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 49.830 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009971.D
Acq: 30 May 2019 19:22

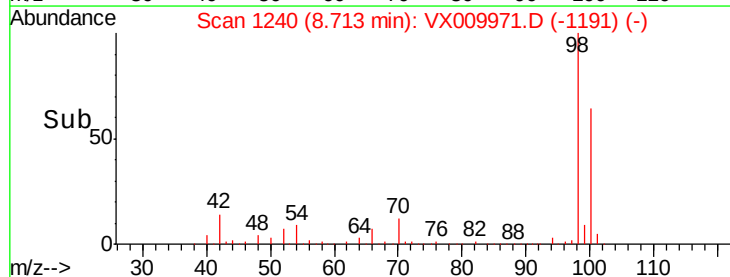
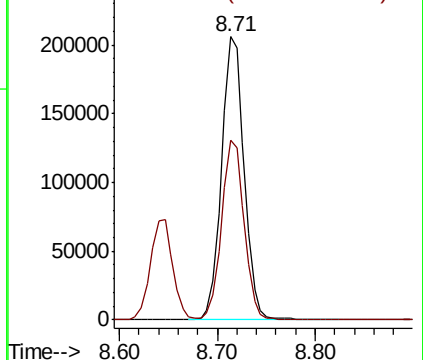
Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.5	77.3

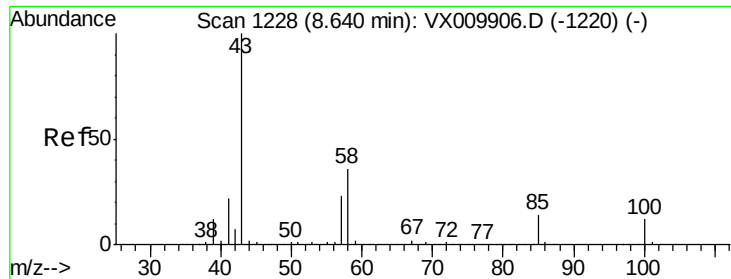


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 256.443 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX009971.D

Acq: 30 May 2019 19:22

Instrument :

MSVOA_X

ClientSampleId :

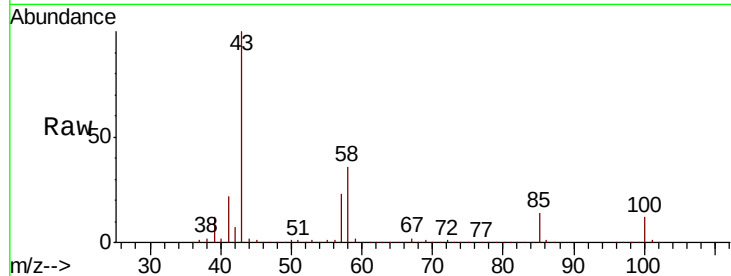
VSTDCCC050EC

Tot Ion: 43 Resp: 986777

Ion Ratio Lower Upper

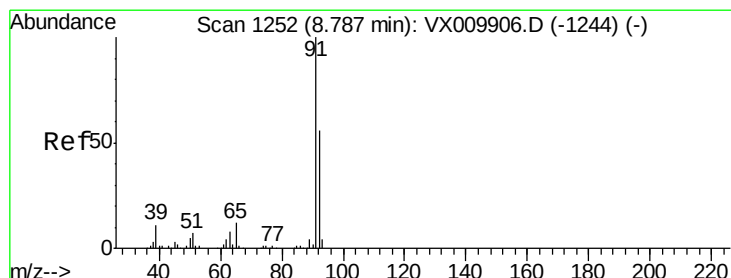
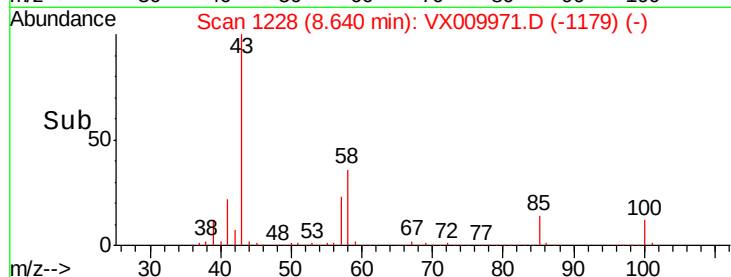
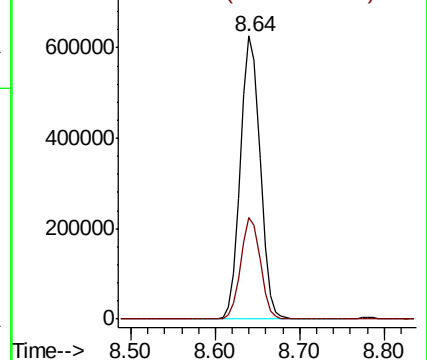
43 100

58 35.6 28.8 43.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 49.301 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX009971.D

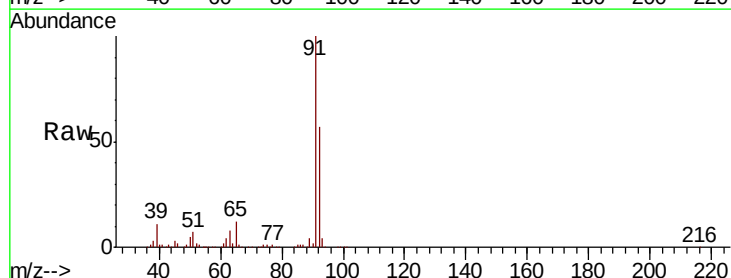
Acq: 30 May 2019 19:22

Tgt Ion: 92 Resp: 233625

Ion Ratio Lower Upper

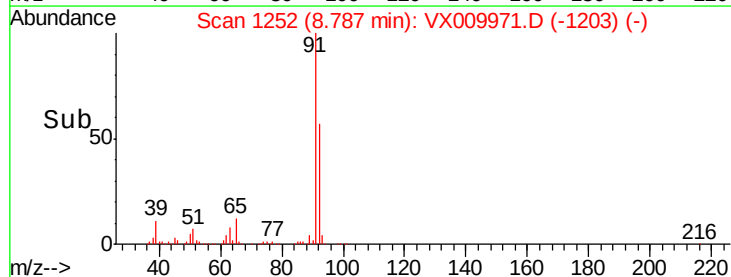
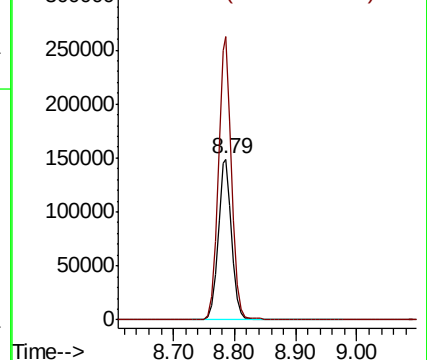
92 100

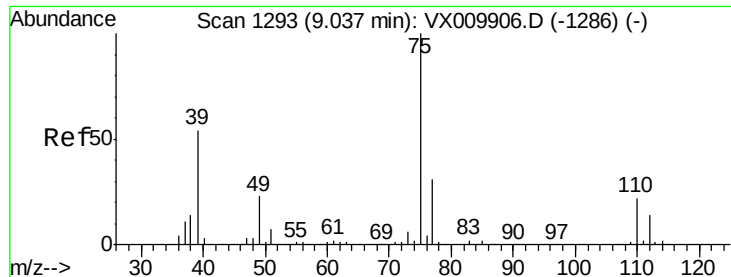
91 173.3 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

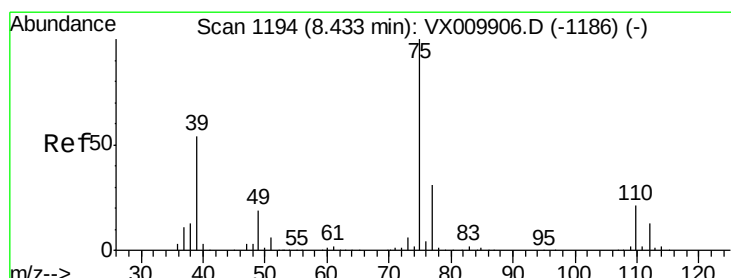
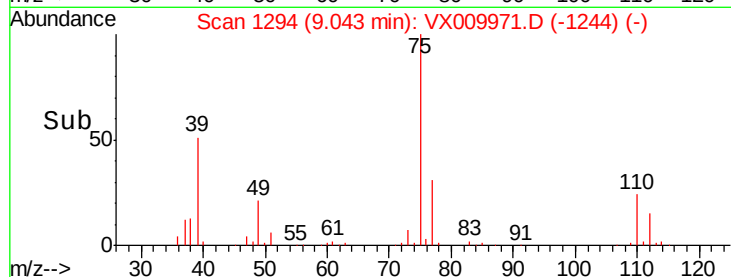
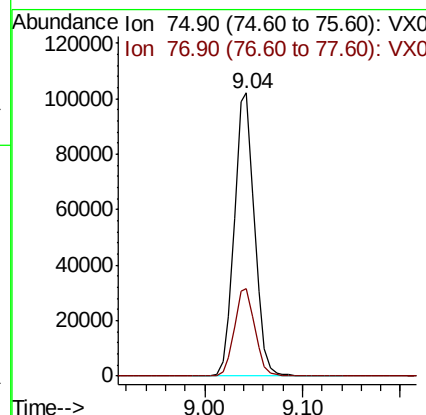
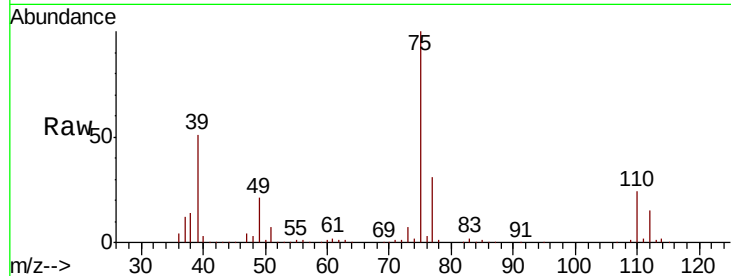




#53
 t-1,3-Dichloropropene
 Concen: 48.429 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.01 min
 Lab File: VX009971.D
 Acq: 30 May 2019 19:22

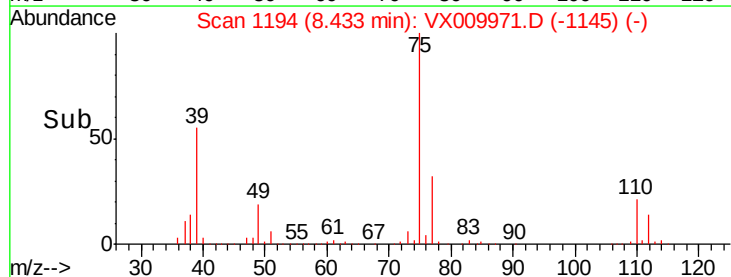
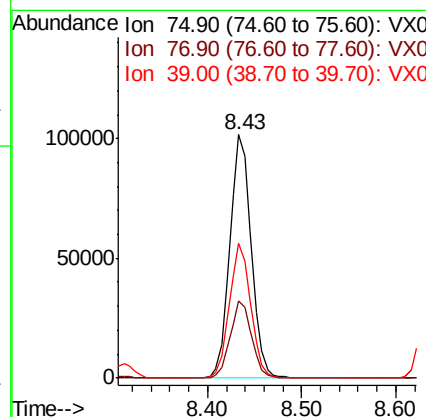
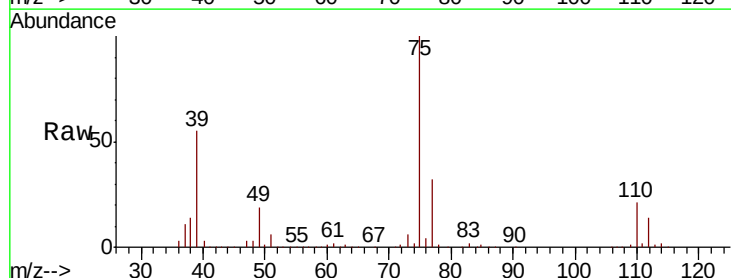
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

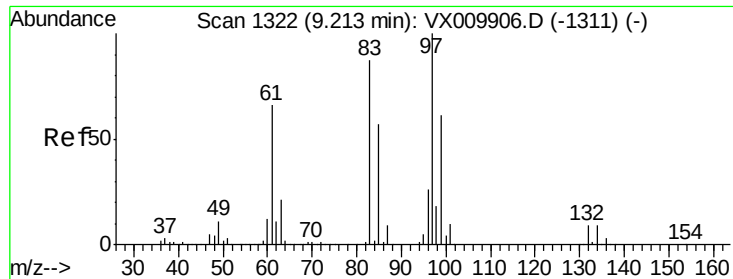
Tot Ion: 75 Resp: 146066
 Ion Ratio Lower Upper
 75 100
 77 30.8 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 48.627 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX009971.D
 Acq: 30 May 2019 19:22

Tgt Ion: 75 Resp: 159796
 Ion Ratio Lower Upper
 75 100
 77 31.6 24.8 37.2
 39 55.4 43.4 65.0

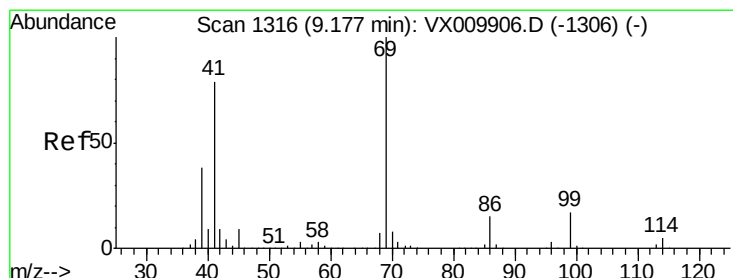
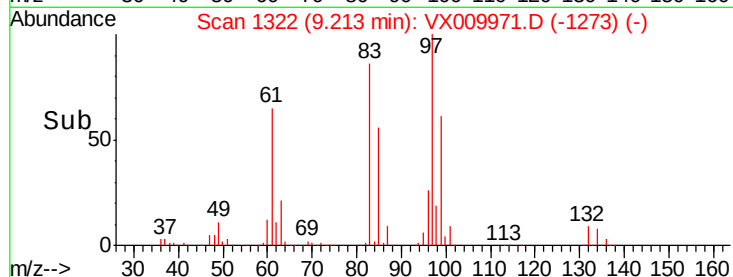
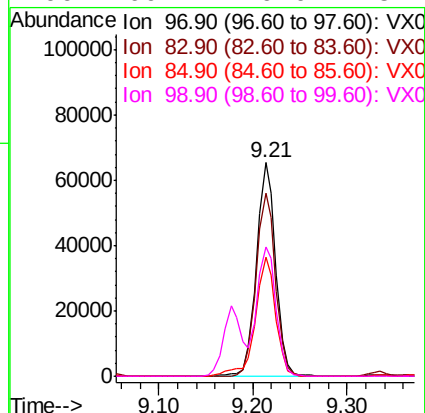
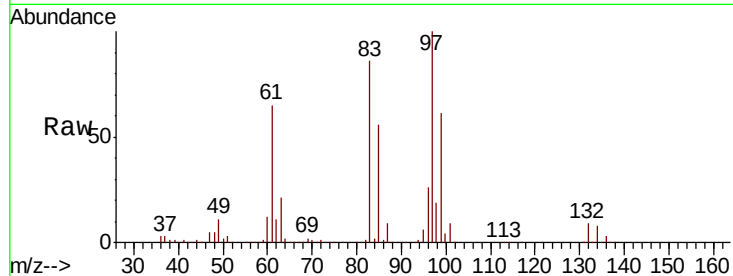




#55
 1,1,2-Trichloroethane
 Concen: 49.364 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX009971.D
 Acq: 30 May 2019 19:22

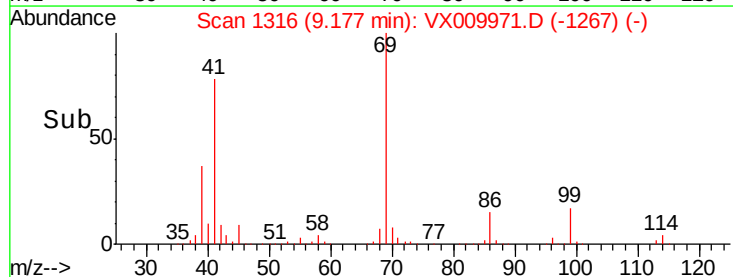
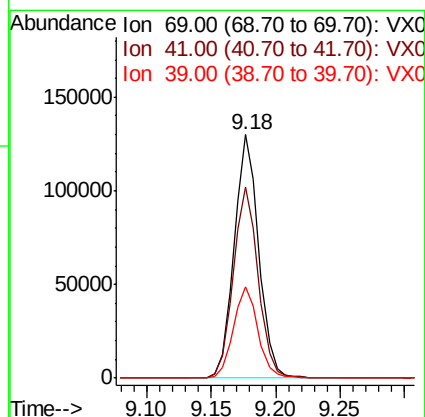
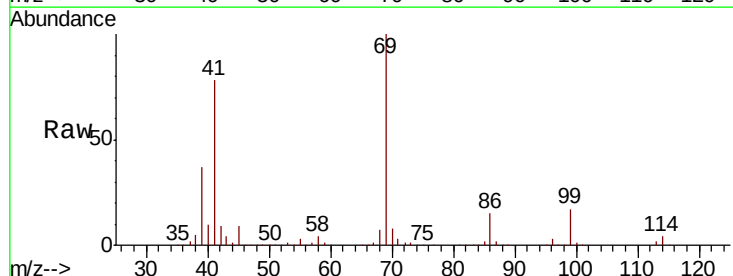
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

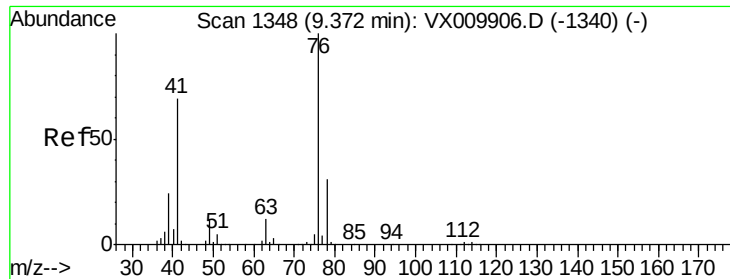
Tot Ion:	97	Resp:	94152
Ion	Ratio	Lower	Upper
97	100		
83	85.9	69.8	104.8
85	55.8	45.3	67.9
99	60.7	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 51.150 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX009971.D
 Acq: 30 May 2019 19:22

Tgt Ion:	69	Resp:	173683
Ion	Ratio	Lower	Upper
69	100		
41	78.8	62.7	94.1
39	37.3	29.5	44.3





#57

1,3-Dichloropropane

Concen: 48.829 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX009971.D

Acq: 30 May 2019 19:22

Instrument :

MSVOA_X

ClientSampleId :

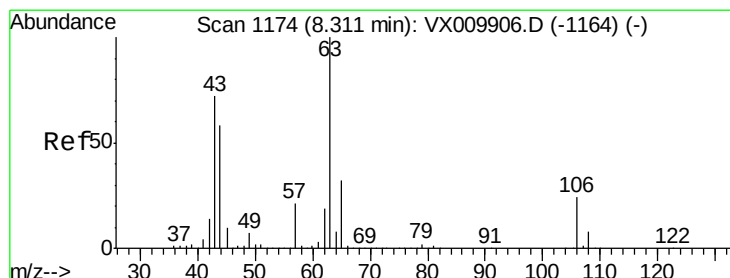
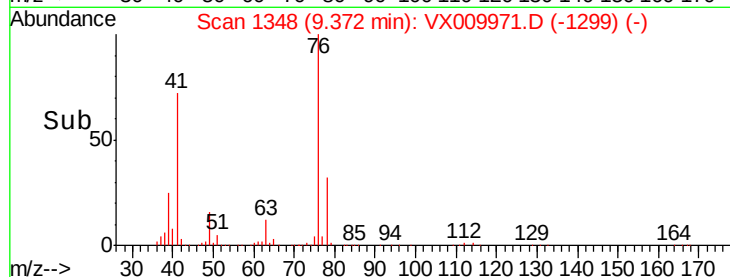
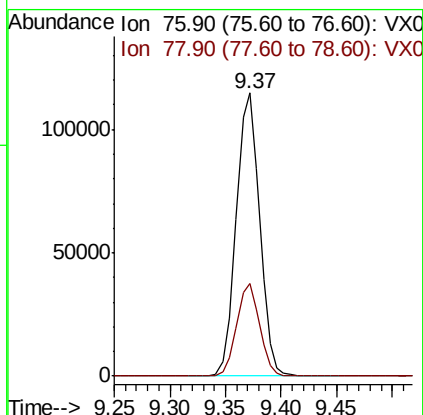
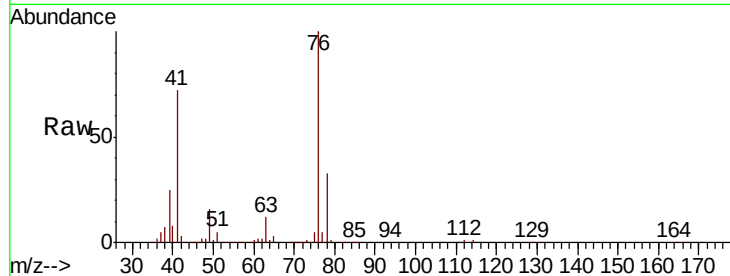
VSTDCCC050EC

Tot Ion: 76 Resp: 167254

Ion Ratio Lower Upper

76 100

78 32.2 25.4 38.0



#58

2-Chloroethyl Vinyl ether

Concen: 250.281 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX009971.D

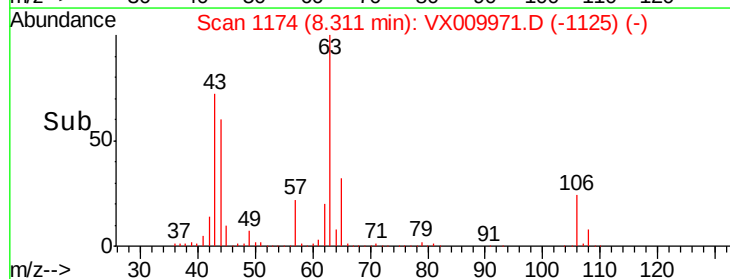
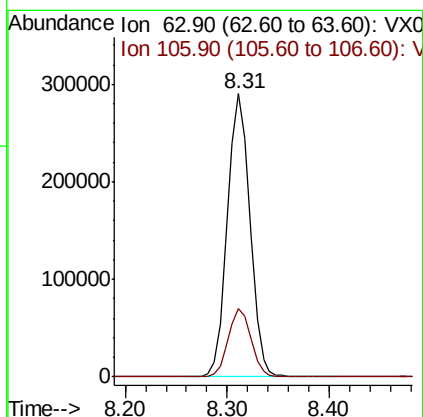
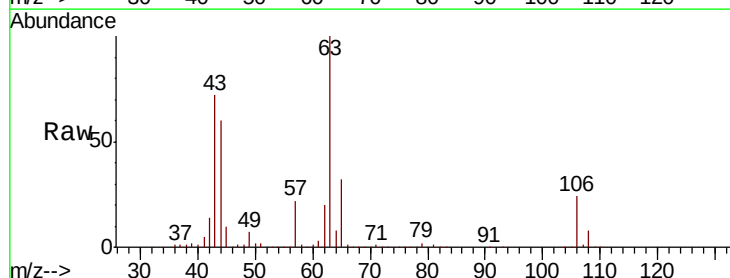
Acq: 30 May 2019 19:22

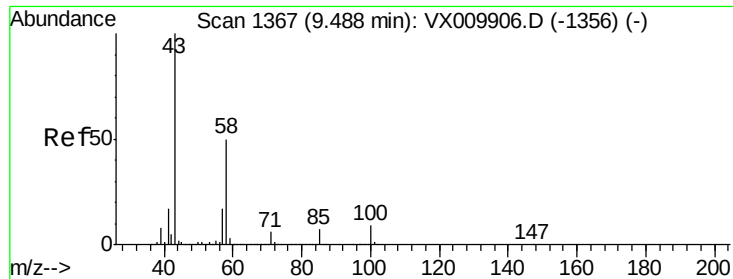
Tgt Ion: 63 Resp: 445640

Ion Ratio Lower Upper

63 100

106 24.1 19.4 29.2

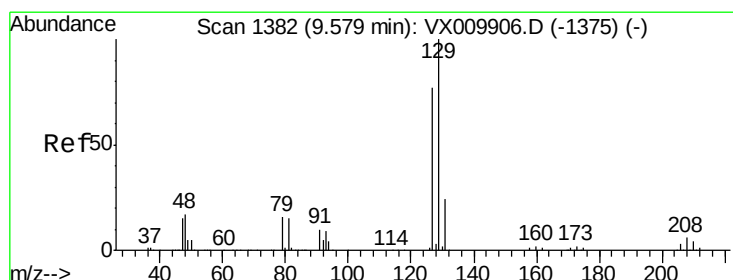
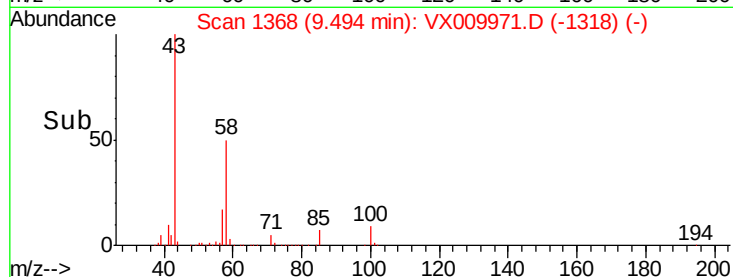
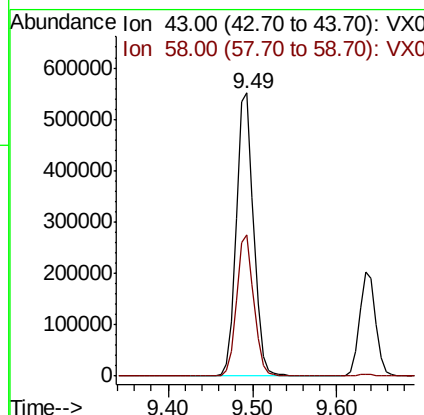
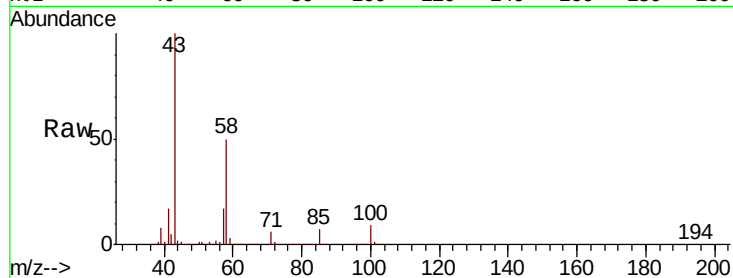




#59
2-Hexanone
Concen: 256.653 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.01 min
Lab File: VX009971.D
Acq: 30 May 2019 19:22

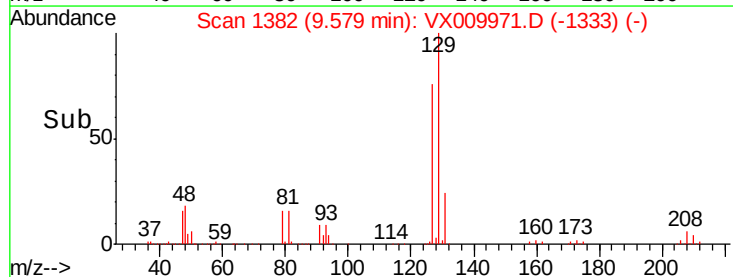
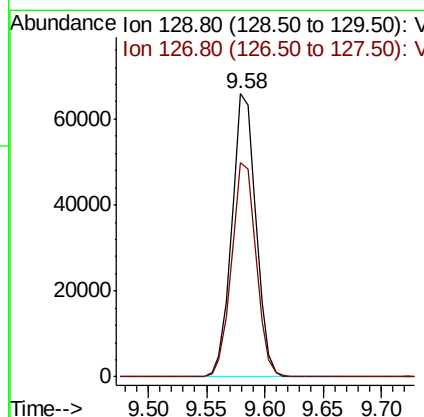
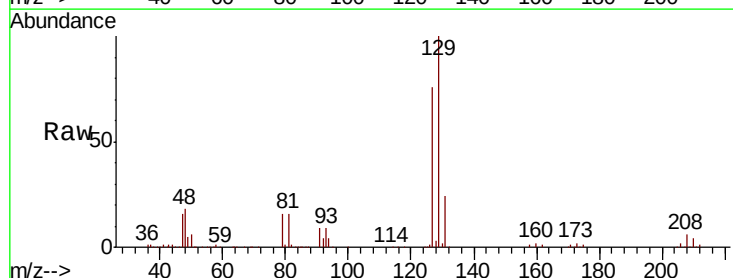
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

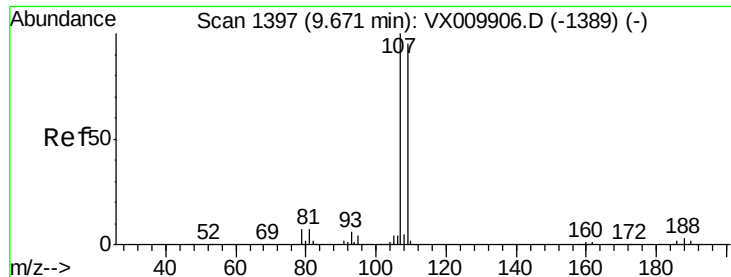
Tot Ion: 43 Resp: 760347
Ion Ratio Lower Upper
43 100
58 49.6 25.1 75.3



#60
Dibromochloromethane
Concen: 50.879 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX009971.D
Acq: 30 May 2019 19:22

Tgt Ion: 129 Resp: 95459
Ion Ratio Lower Upper
129 100
127 76.8 38.5 115.5





#61

1,2-Dibromoethane

Concen: 49.295 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX009971.D

Acq: 30 May 2019 19:22

Instrument :

MSVOA_X

ClientSampleId :

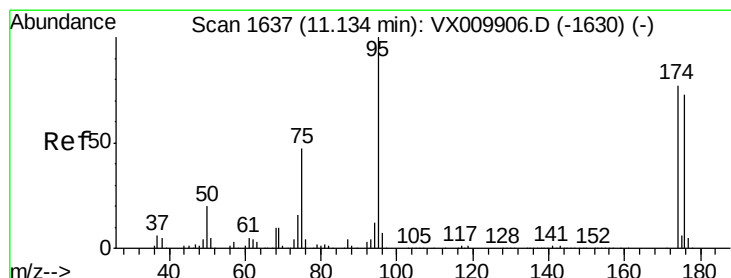
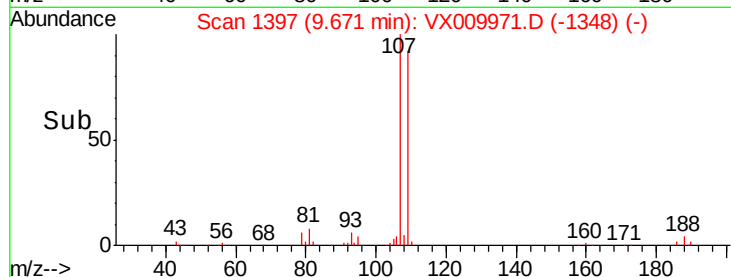
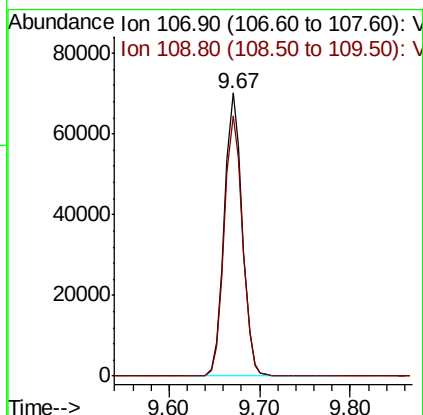
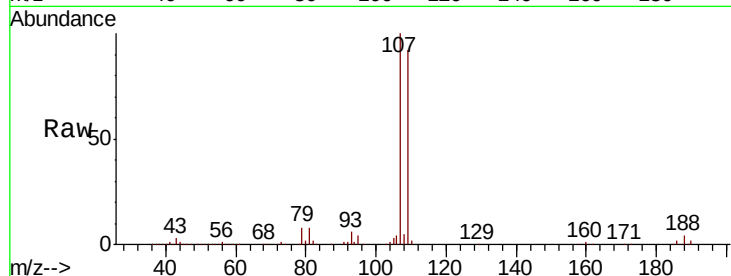
VSTDCCC050EC

Tot Ion:107 Resp: 96592

Ion Ratio Lower Upper

107 100

109 94.2 75.4 113.2



#62

4-Bromofluorobenzene

Concen: 49.912 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009971.D

Acq: 30 May 2019 19:22

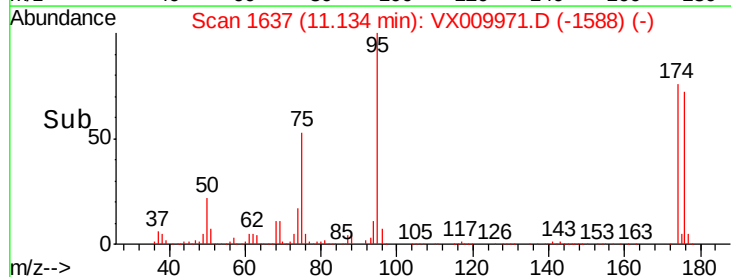
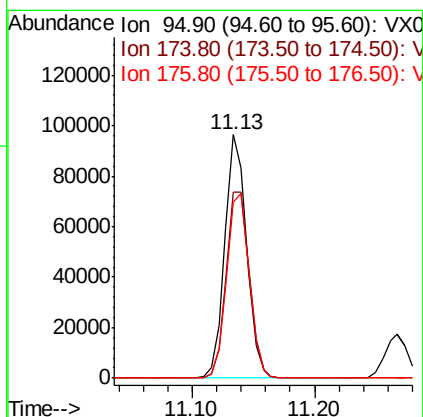
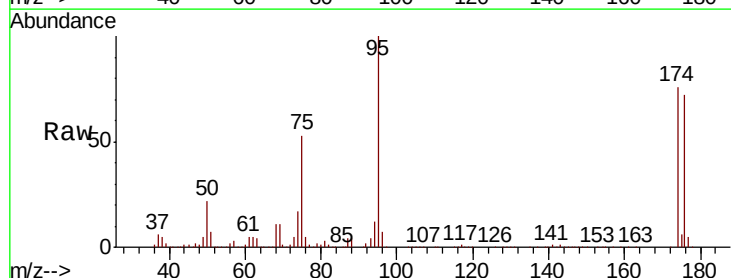
Tgt Ion: 95 Resp: 118686

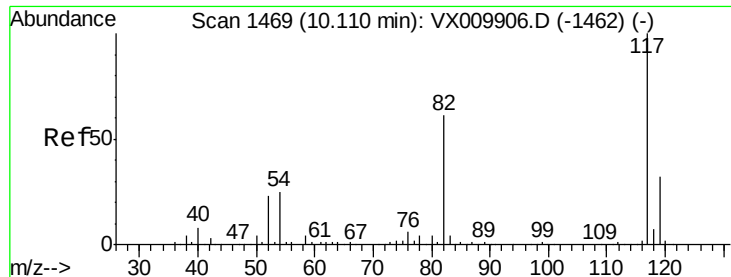
Ion Ratio Lower Upper

95 100

174 81.3 0.0 160.4

176 78.8 0.0 154.6

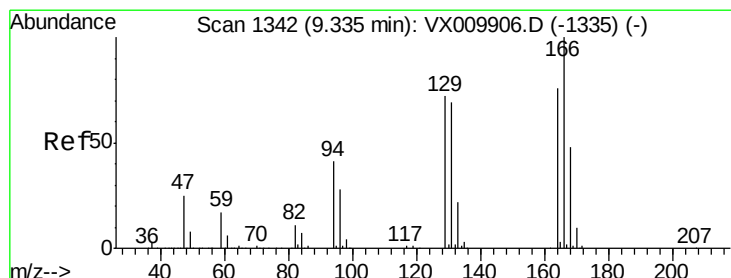
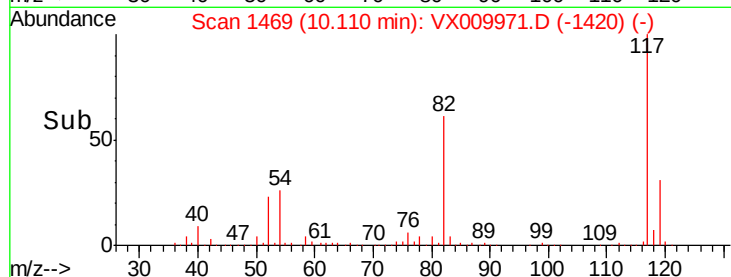
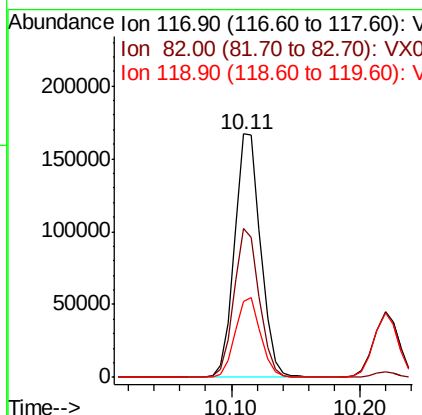
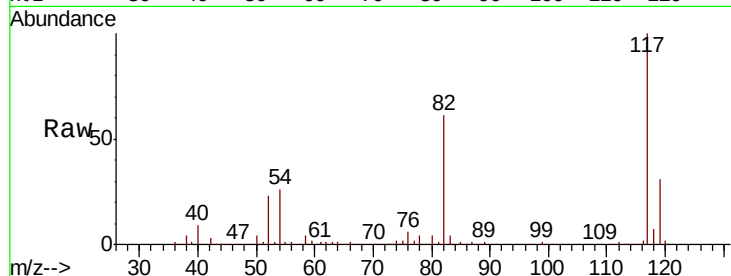




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009971.D
Acq: 30 May 2019 19:22

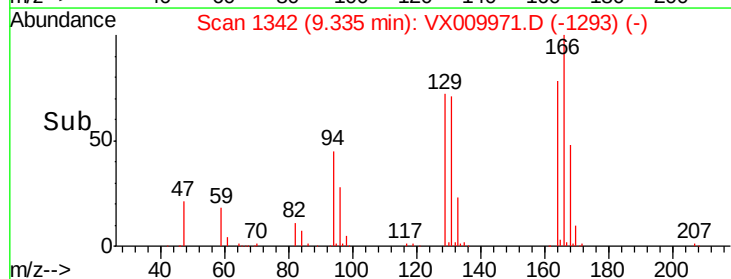
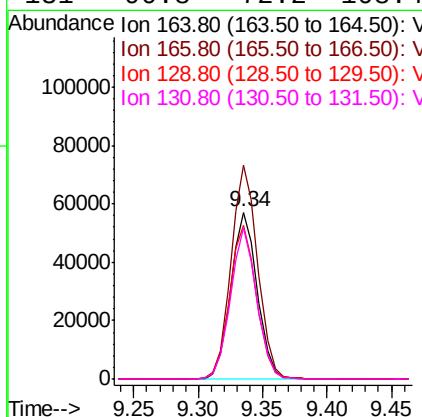
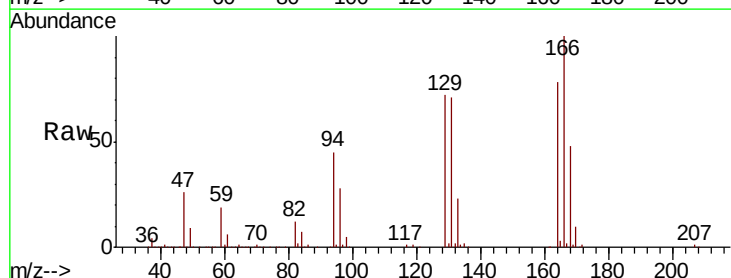
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

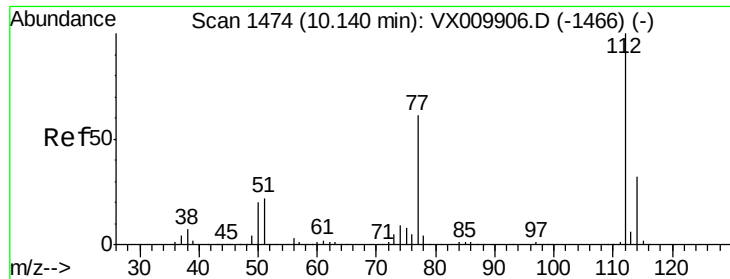
Tot Ion:117 Resp: 235500
Ion Ratio Lower Upper
117 100
82 61.3 49.2 73.8
119 31.3 25.2 37.8



#64
Tetrachloroethene
Concen: 50.058 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009971.D
Acq: 30 May 2019 19:22

Tgt Ion:164 Resp: 82344
Ion Ratio Lower Upper
164 100
166 128.0 105.0 157.4
129 92.3 75.1 112.7
131 90.8 72.2 108.4

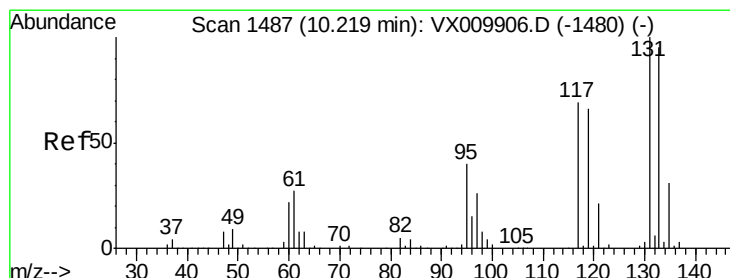
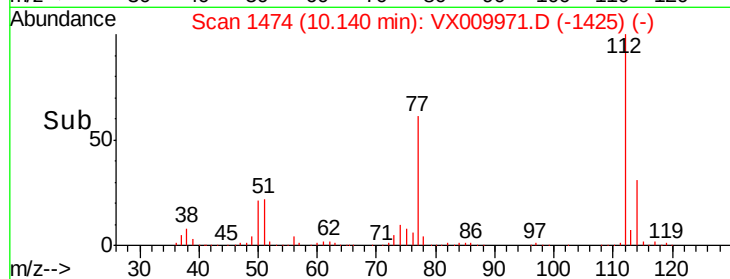
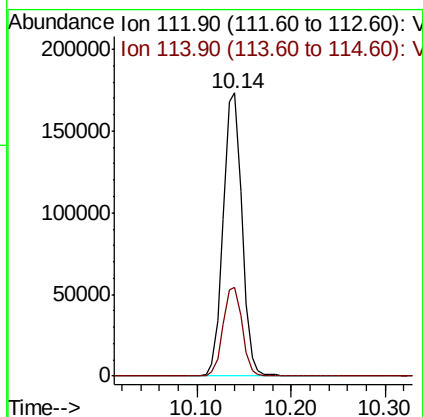
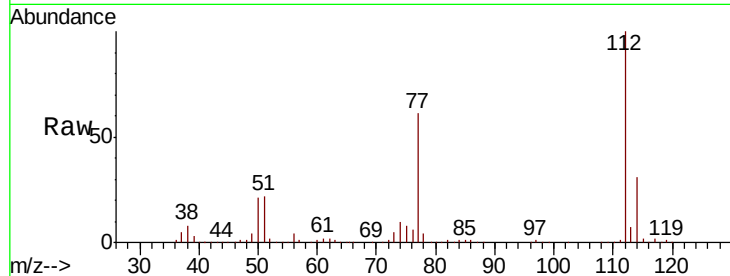




#65
Chlorobenzene
Concen: 48.693 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX009971.D
Acq: 30 May 2019 19:22

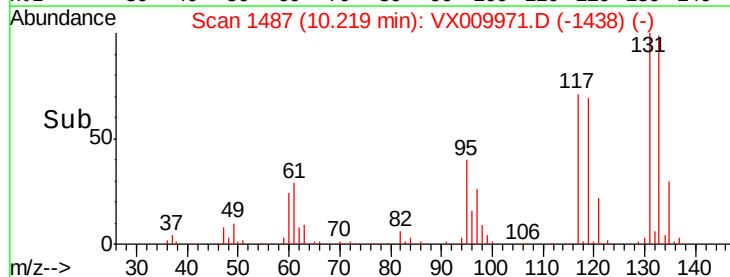
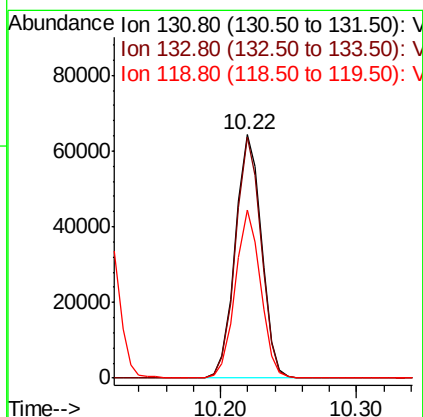
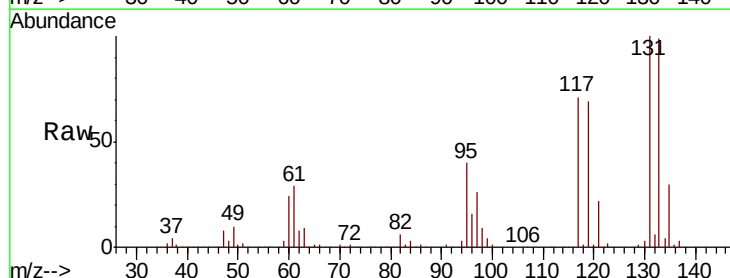
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

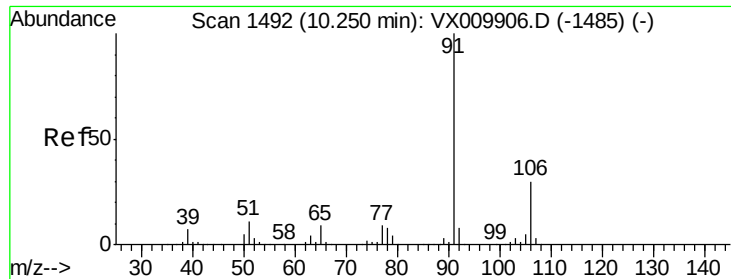
Tot Ion:112 Resp: 240069
Ion Ratio Lower Upper
112 100
114 31.4 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 50.534 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX009971.D
Acq: 30 May 2019 19:22

Tgt Ion:131 Resp: 86413
Ion Ratio Lower Upper
131 100
133 96.7 47.5 142.6
119 66.7 33.4 100.1





#67

Ethyl Benzene

Concen: 50.309 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX009971.D

Acq: 30 May 2019 19:22

Instrument :

MSVOA_X

ClientSampleId :

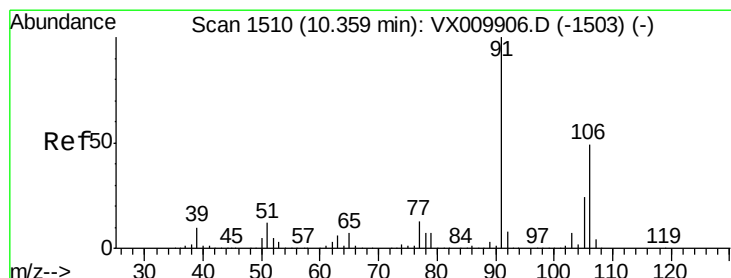
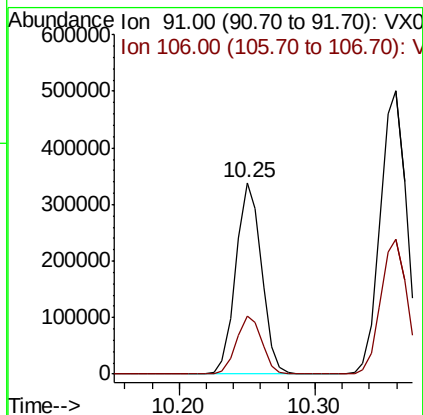
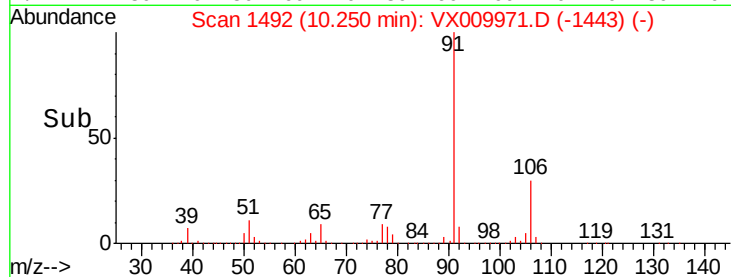
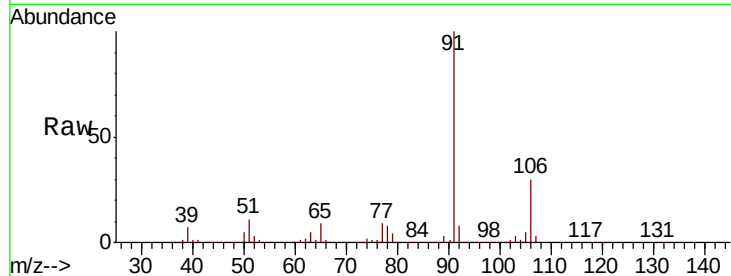
VSTDCCC050EC

Tot Ion: 91 Resp: 445353

Ion Ratio Lower Upper

91 100

106 30.1 23.9 35.9



#68

m/p-Xylenes

Concen: 98.641 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX009971.D

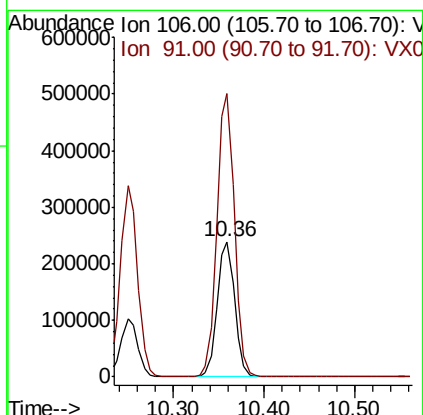
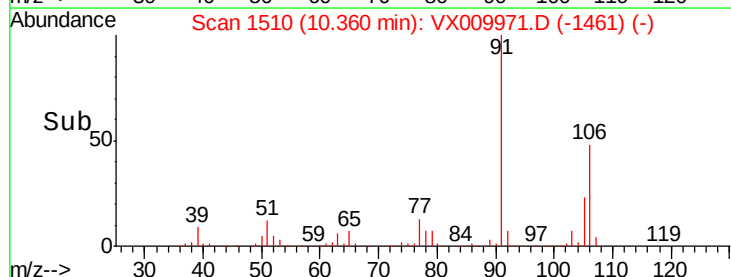
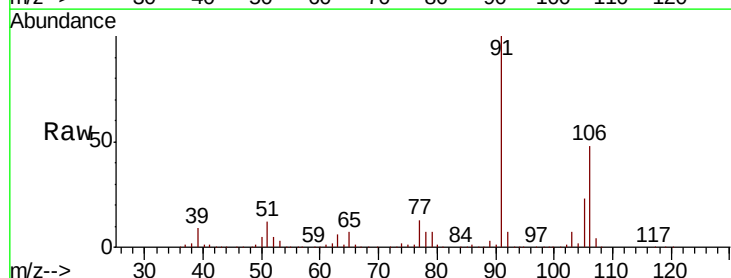
Acq: 30 May 2019 19:22

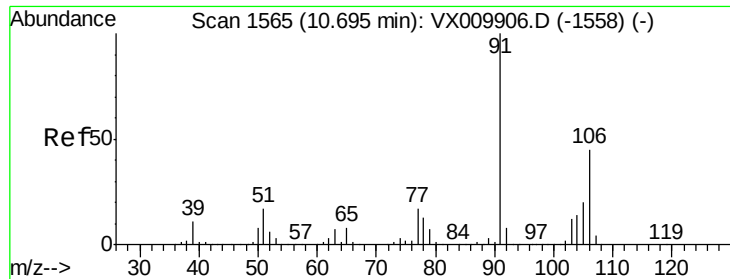
Tgt Ion: 106 Resp: 322591

Ion Ratio Lower Upper

106 100

91 210.0 167.3 250.9

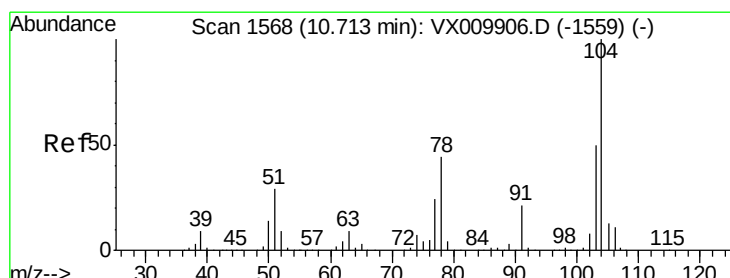
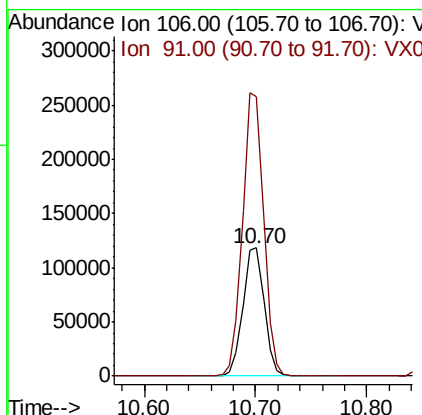
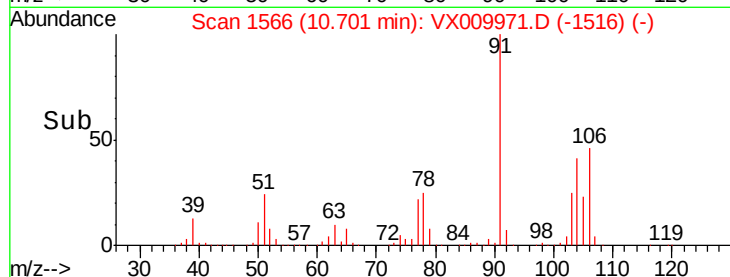
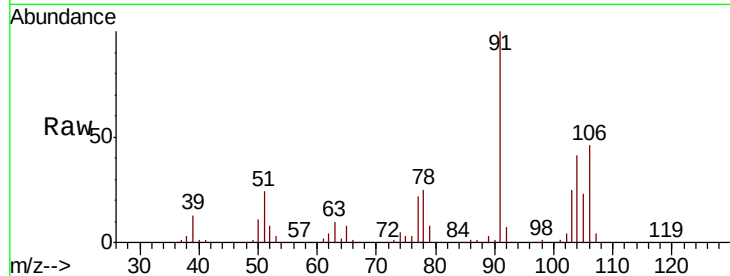




#69
o-Xylene
Concen: 50.201 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX009971.D
Acq: 30 May 2019 19:22

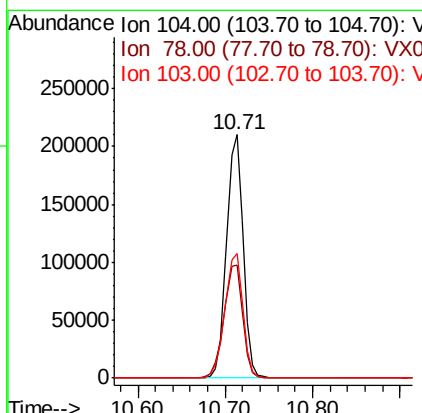
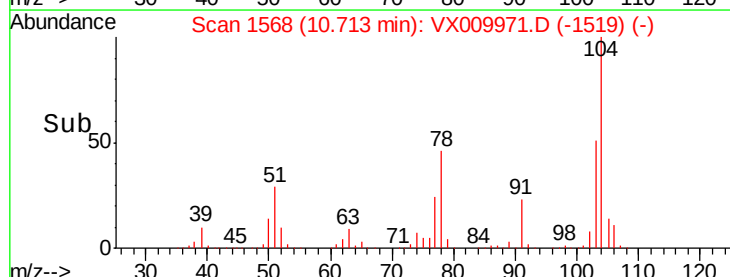
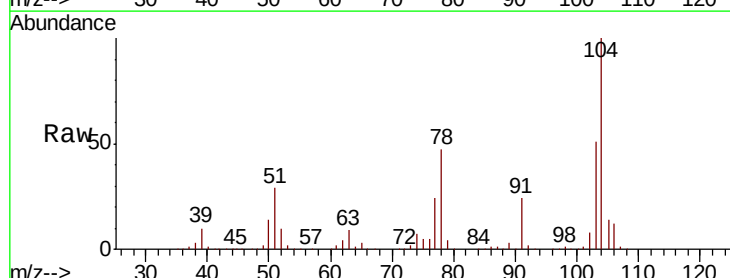
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

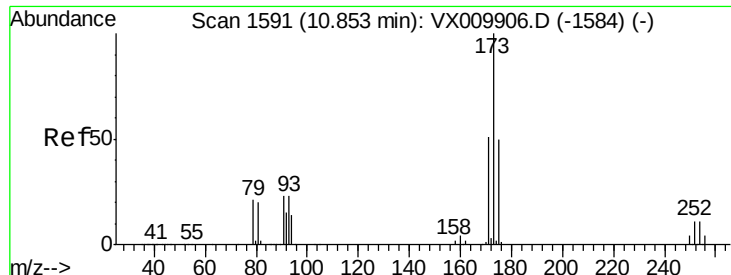
Tot Ion:106 Resp: 157452
Ion Ratio Lower Upper
106 100
91 219.1 110.4 331.2



#70
Styrene
Concen: 50.179 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX009971.D
Acq: 30 May 2019 19:22

Tgt Ion:104 Resp: 275973
Ion Ratio Lower Upper
104 100
78 52.5 42.1 63.1
103 55.6 44.1 66.1

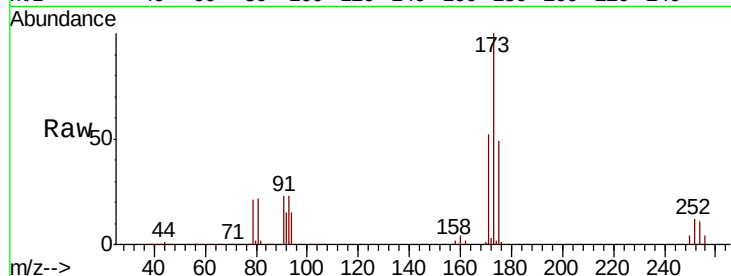




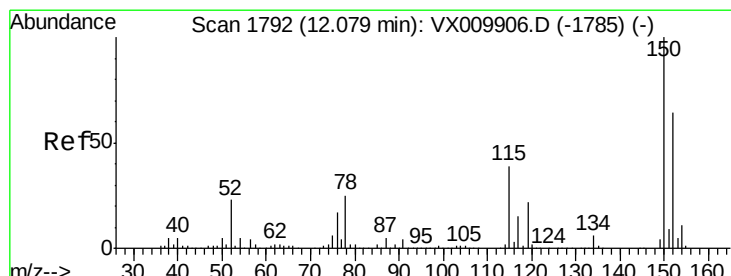
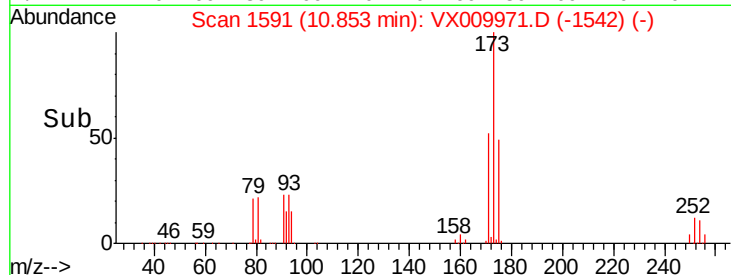
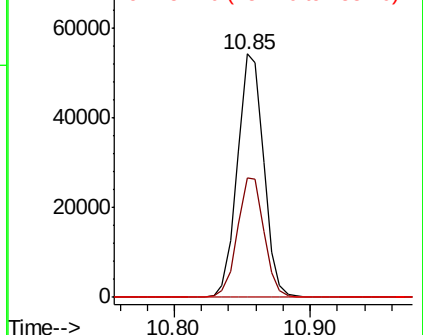
#71
Bromoform
Concen: 52.004 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX009971.D
Acq: 30 May 2019 19:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:173 Resp: 72690
Ion Ratio Lower Upper
173 100
175 49.8 25.0 75.0
254 0.2 0.2 0.2

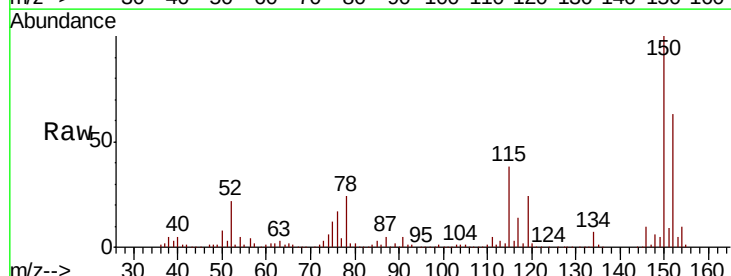


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

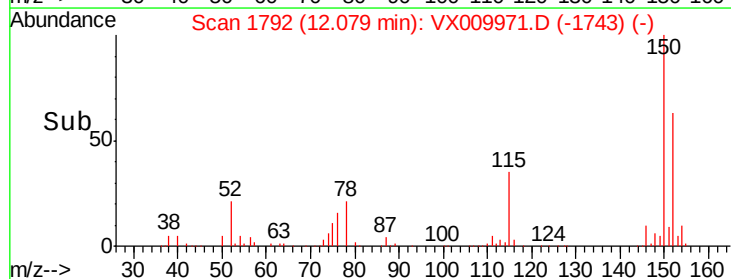
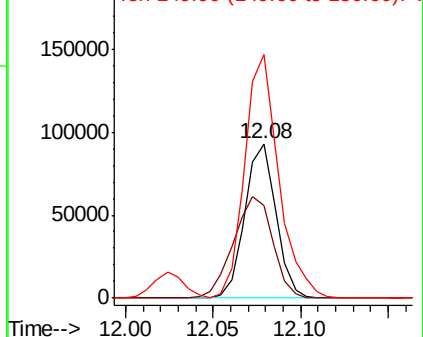


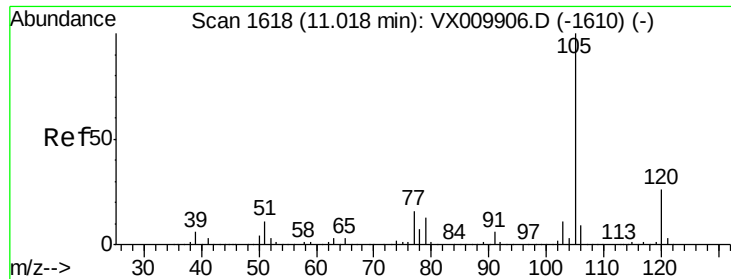
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009971.D
Acq: 30 May 2019 19:22

Tgt Ion:152 Resp: 114602
Ion Ratio Lower Upper
152 100
115 83.3 41.4 124.2
150 173.7 0.0 345.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.010 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX009971.D

Acq: 30 May 2019 19:22

Instrument :

MSVOA_X

ClientSampleId :

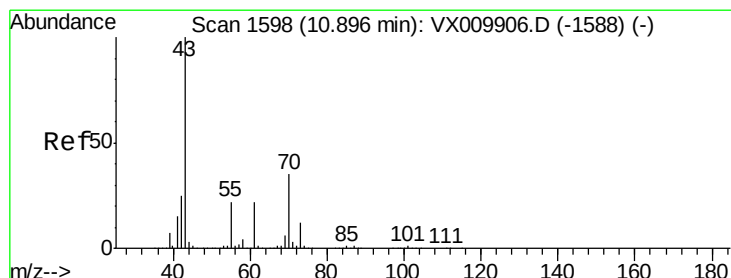
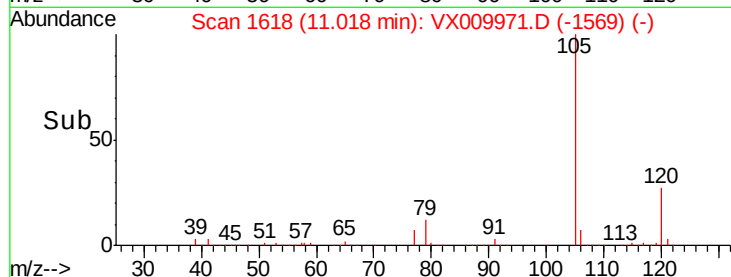
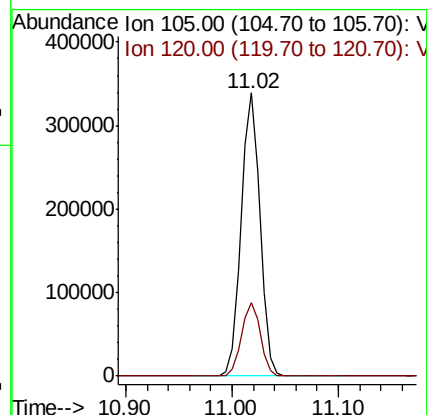
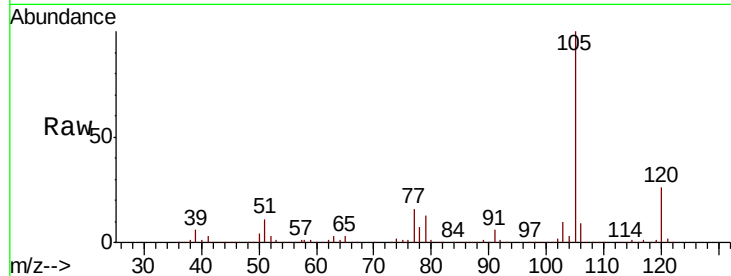
VSTDCCC050EC

Tot Ion:105 Resp: 422862

Ion Ratio Lower Upper

105 100

120 26.0 12.8 38.4



#74

N-ethyl acetate

Concen: 50.347 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX009971.D

Acq: 30 May 2019 19:22

Tgt Ion: 43 Resp: 254389

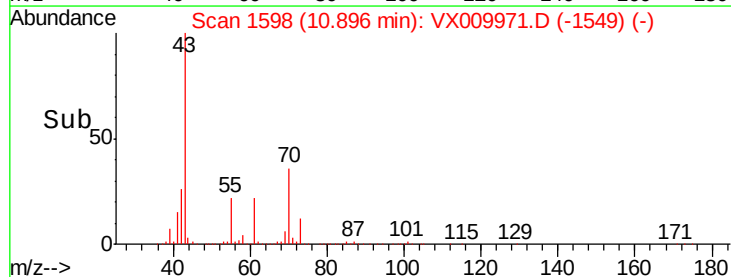
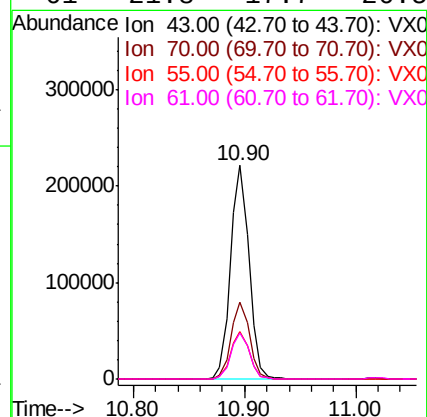
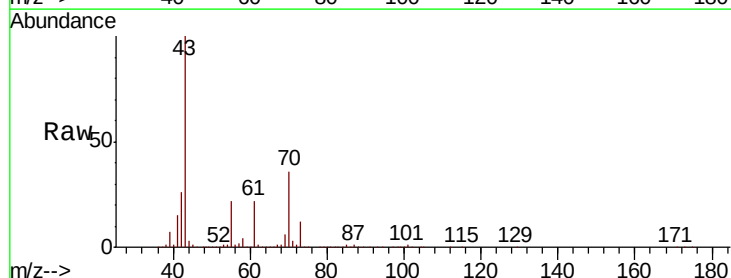
Ion Ratio Lower Upper

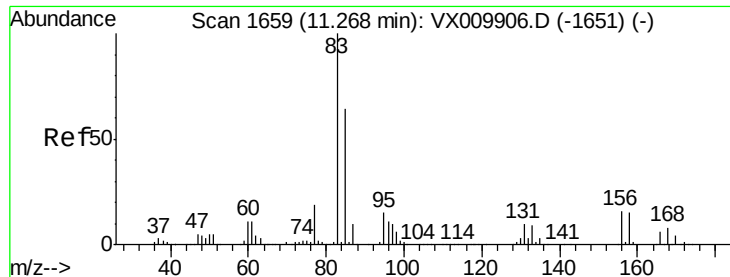
43 100

70 35.9 28.6 43.0

55 22.5 17.8 26.8

61 21.8 17.7 26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 49.237 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX009971.D

Acq: 30 May 2019 19:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

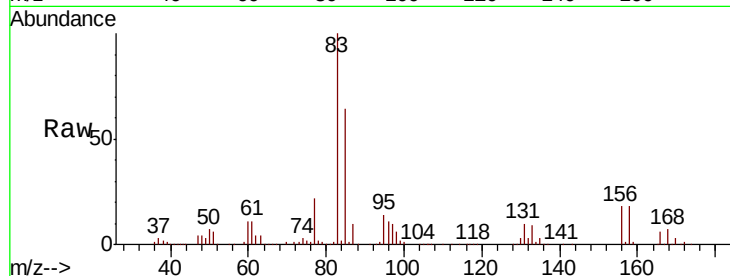
Tot Ion: 83 Resp: 155320

Ion Ratio Lower Upper

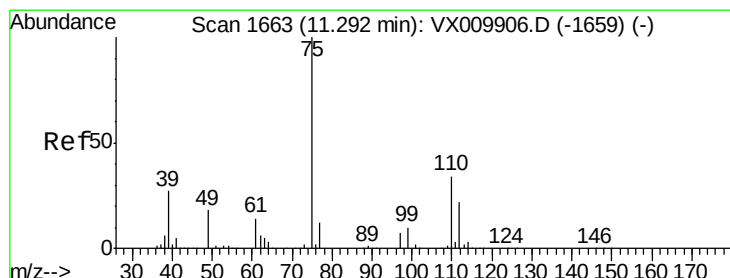
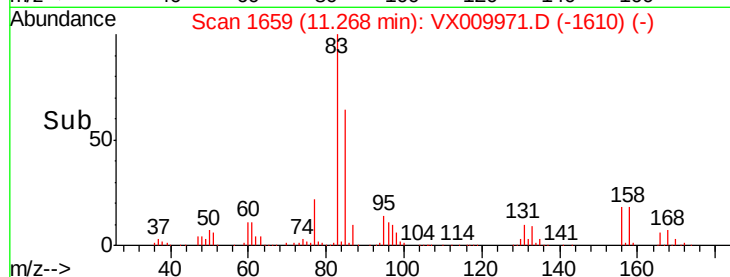
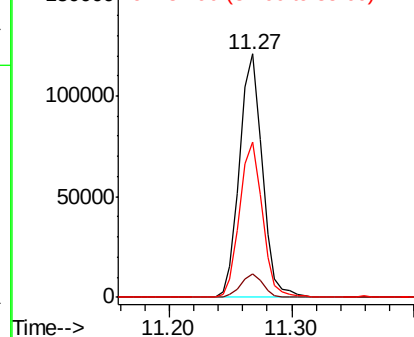
83 100

131 9.5 4.7 14.1

85 64.0 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 67.860 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX009971.D

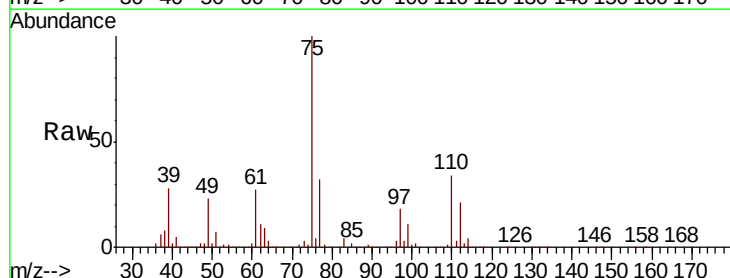
Acq: 30 May 2019 19:22

Tgt Ion: 75 Resp: 185969

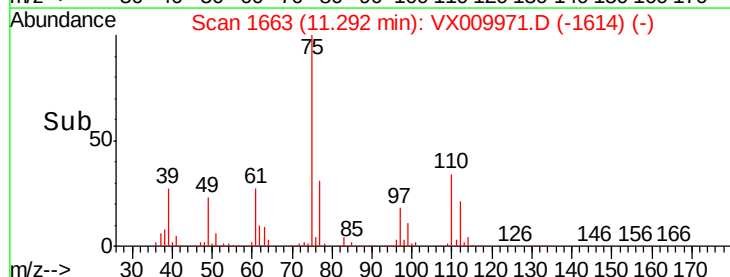
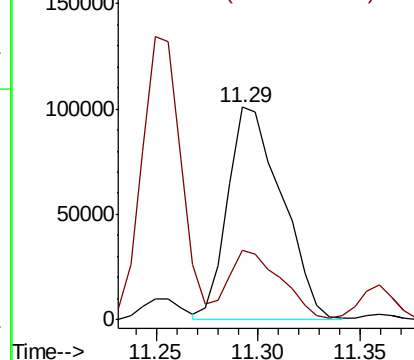
Ion Ratio Lower Upper

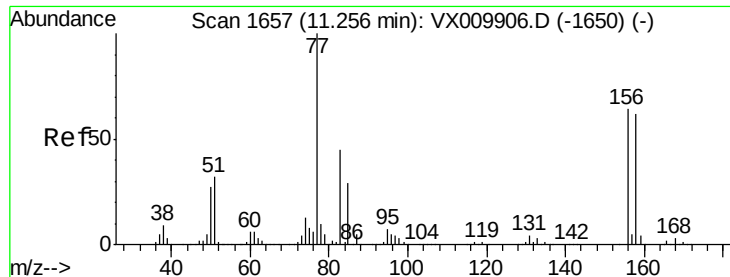
75 100

77 32.0 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.563 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX009971.D

Acq: 30 May 2019 19:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

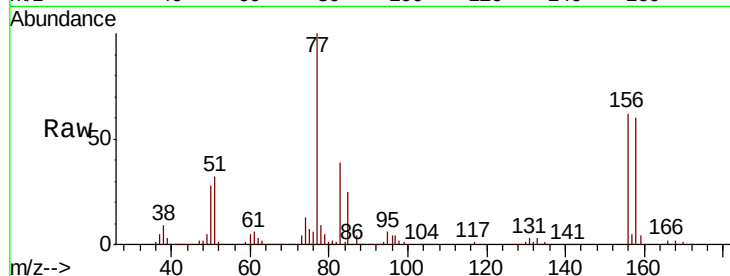
Tot Ion:156 Resp: 104646

Ion Ratio Lower Upper

156 100

77 170.6 86.8 260.3

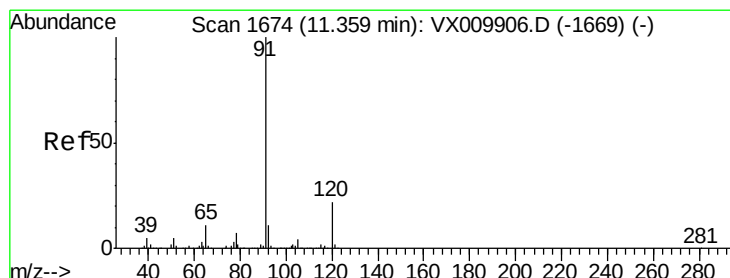
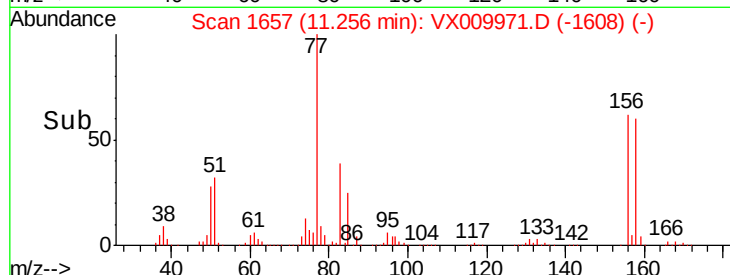
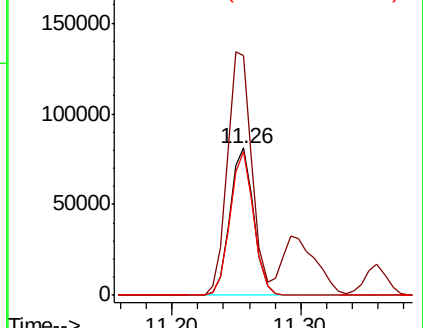
158 96.5 49.6 148.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.590 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009971.D

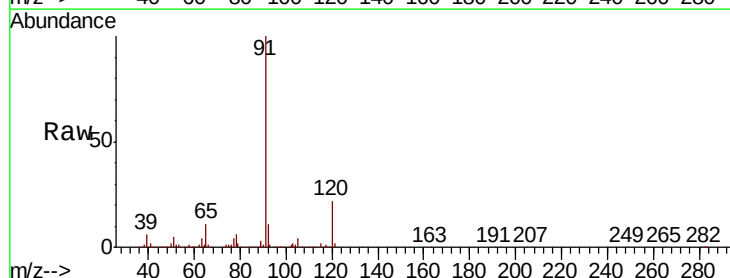
Acq: 30 May 2019 19:22

Tgt Ion: 91 Resp: 493068

Ion Ratio Lower Upper

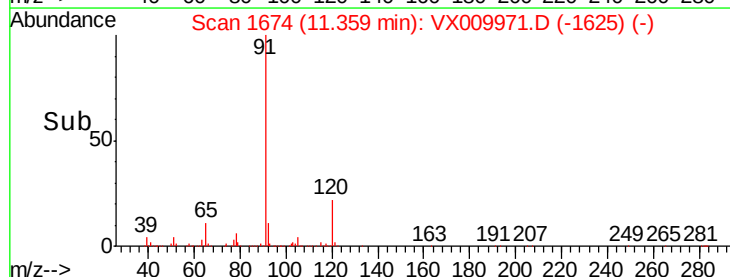
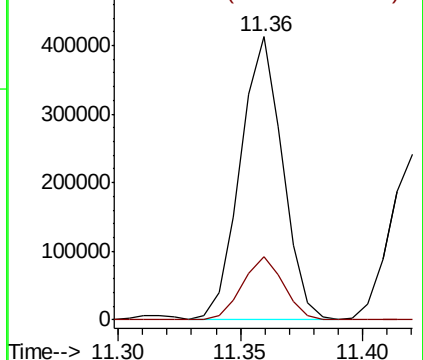
91 100

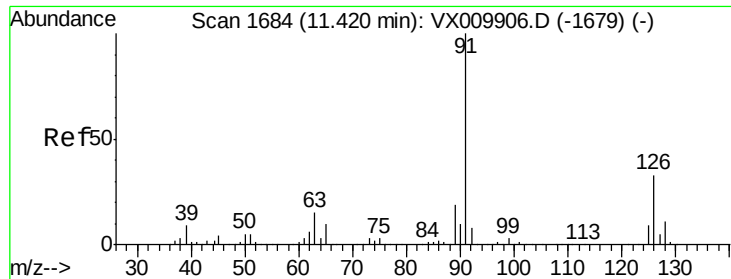
120 22.1 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

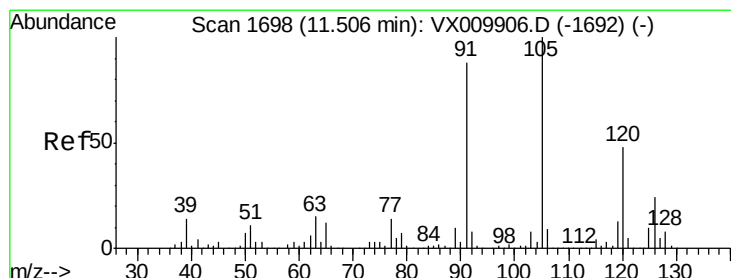
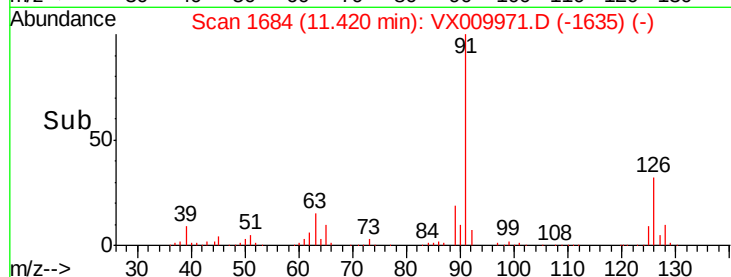
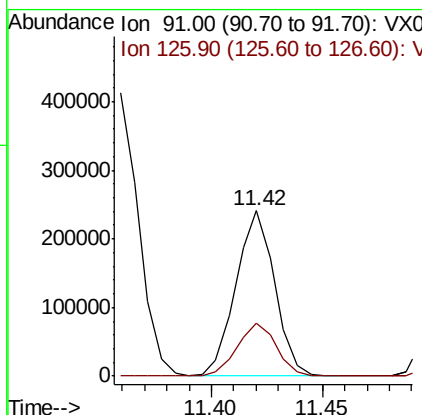
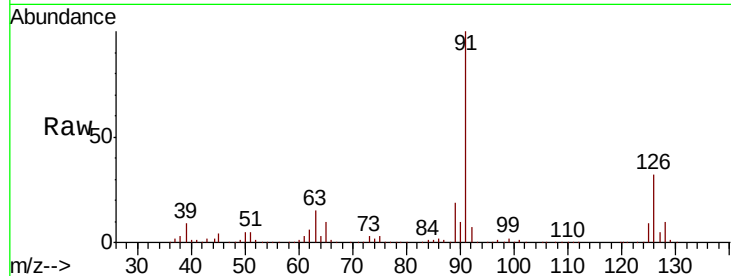




#79
 2-Chlorotoluene
 Concen: 48.989 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX009971.D
 Acq: 30 May 2019 19:22

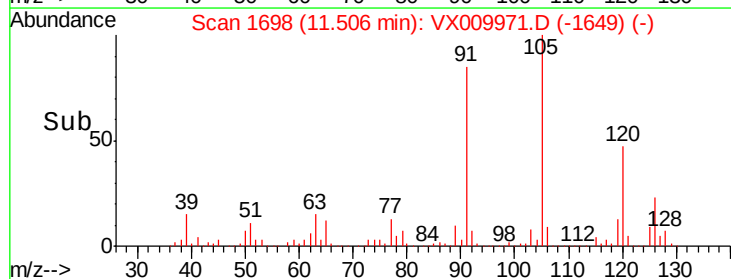
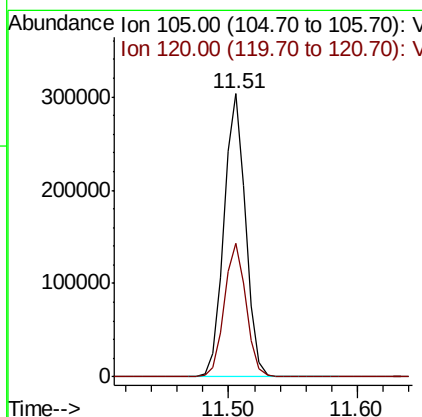
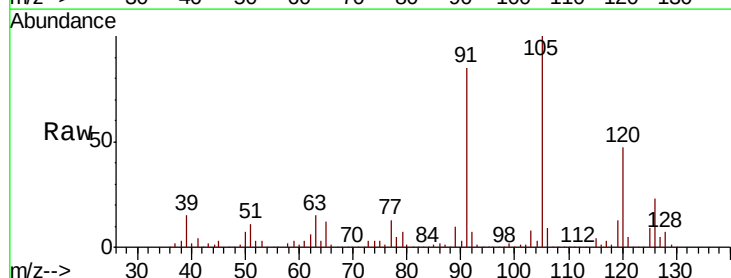
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

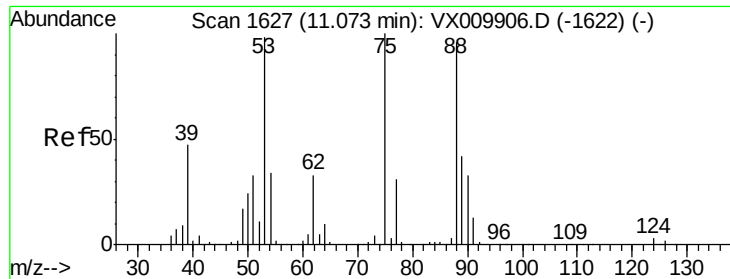
Tot Ion: 91 Resp: 291719
 Ion Ratio Lower Upper
 91 100
 126 32.4 16.1 48.3



#80
 1,3,5-Trimethylbenzene
 Concen: 50.326 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX009971.D
 Acq: 30 May 2019 19:22

Tgt Ion: 105 Resp: 358499
 Ion Ratio Lower Upper
 105 100
 120 47.4 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 47.322 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX009971.D

Acq: 30 May 2019 19:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

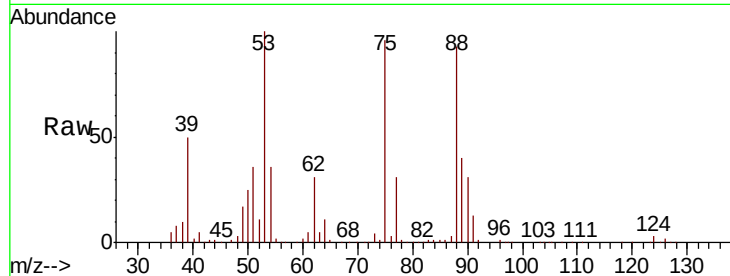
Tot Ion: 75 Resp: 52416

Ion Ratio Lower Upper

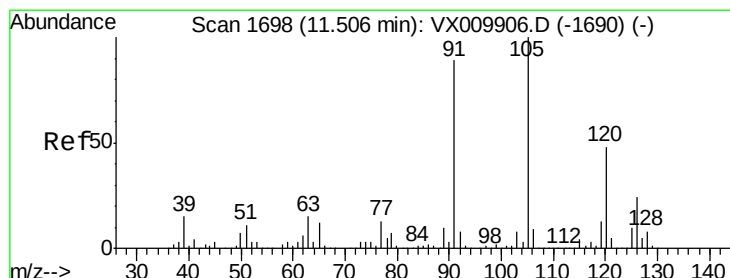
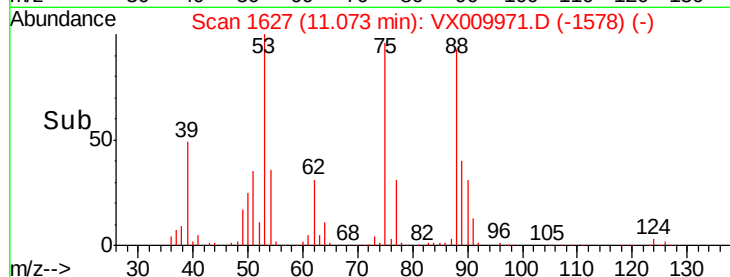
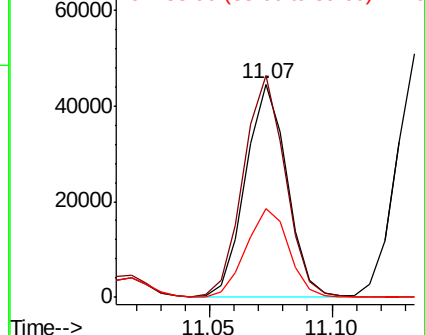
75 100

53 105.4 79.8 119.6

89 43.3 34.2 51.4



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



#82

4-Chlorotoluene

Concen: 48.945 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.01 min

Lab File: VX009971.D

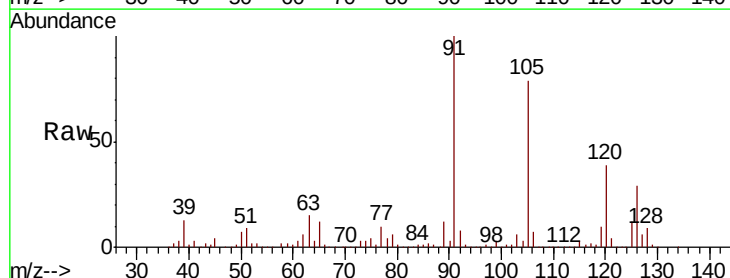
Acq: 30 May 2019 19:22

Tgt Ion: 91 Resp: 339285

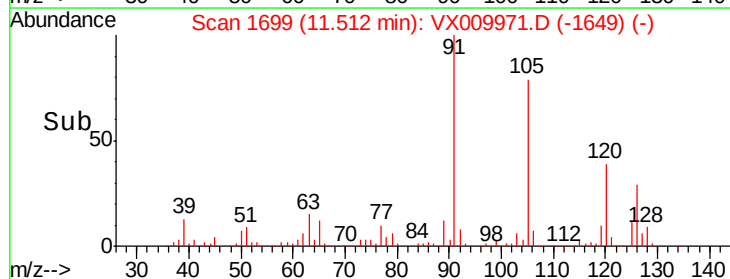
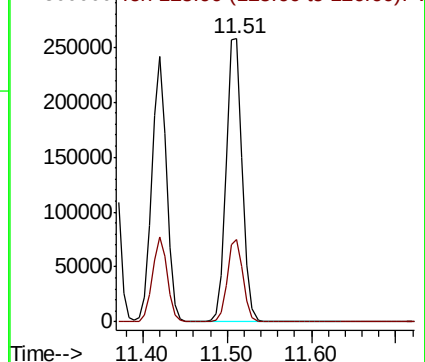
Ion Ratio Lower Upper

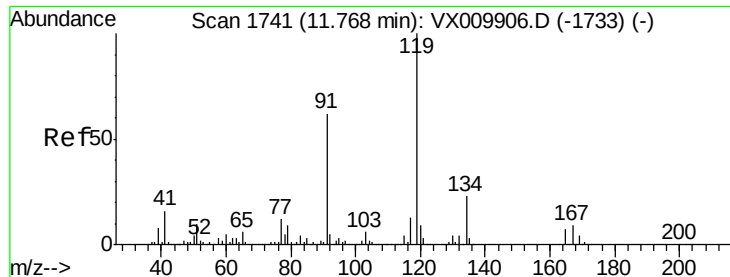
91 100

126 28.5 14.2 42.6



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

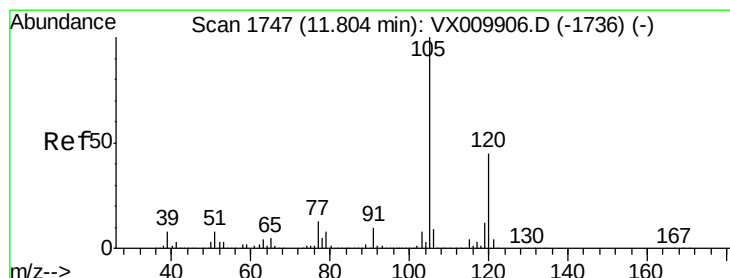
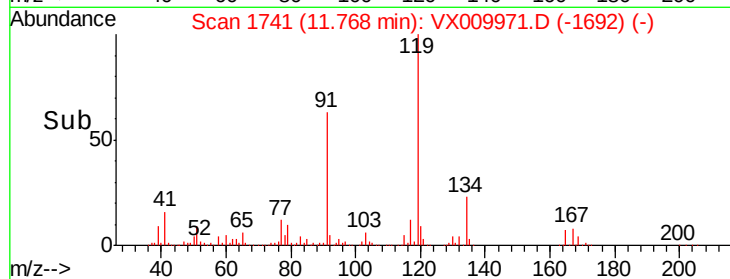
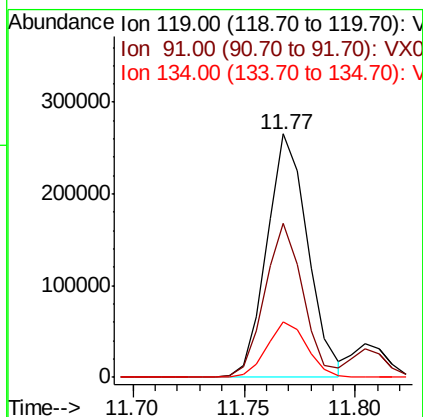
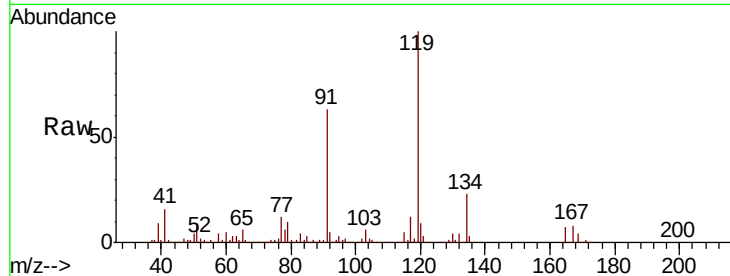




#83
 tert-Butylbenzene
 Concen: 49.633 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX009971.D
 Acq: 30 May 2019 19:22

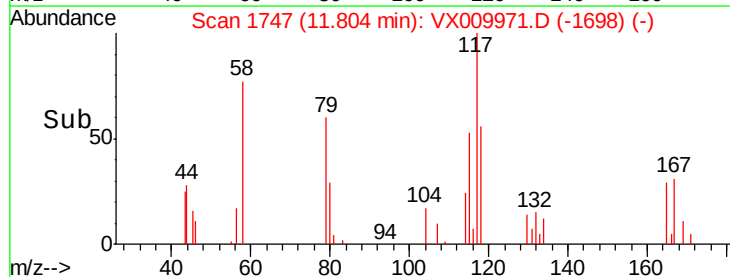
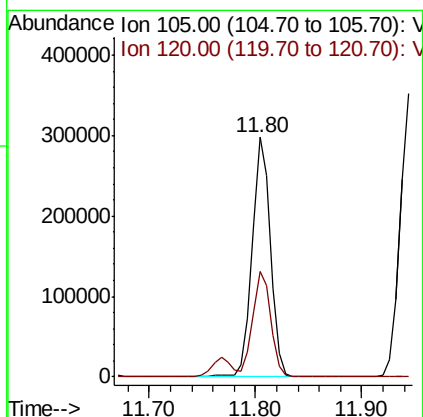
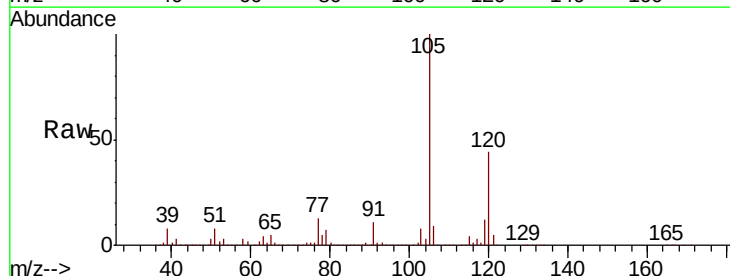
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

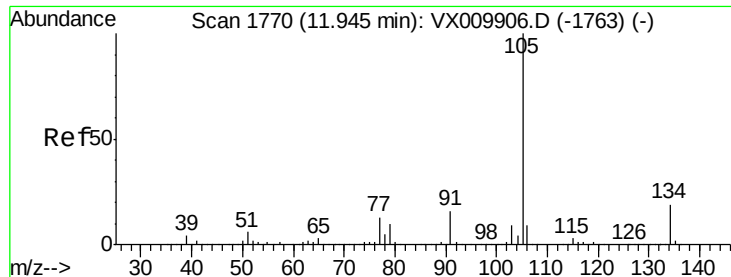
Tot Ion:119 Resp: 338255
 Ion Ratio Lower Upper
 119 100
 91 59.6 30.0 90.0
 134 22.5 11.2 33.5



#84
 1,2,4-Trimethylbenzene
 Concen: 49.588 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX009971.D
 Acq: 30 May 2019 19:22

Tgt Ion:105 Resp: 358735
 Ion Ratio Lower Upper
 105 100
 120 43.4 22.1 66.1





#85

sec-Butylbenzene

Concen: 50.242 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX009971.D

Acq: 30 May 2019 19:22

Instrument :

MSVOA_X

ClientSampleId :

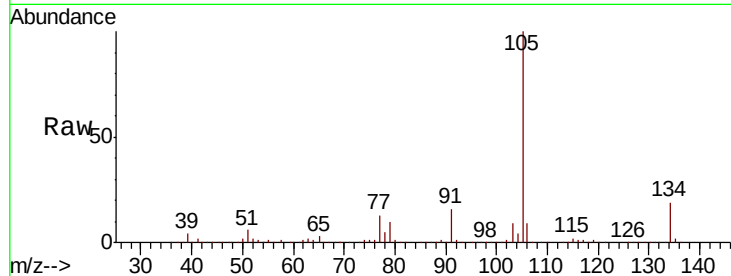
VSTDCCC050EC

Tot Ion:105 Resp: 407350

Ion Ratio Lower Upper

105 100

134 19.3 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

400000

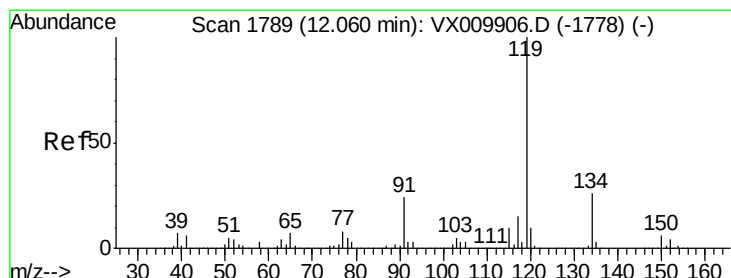
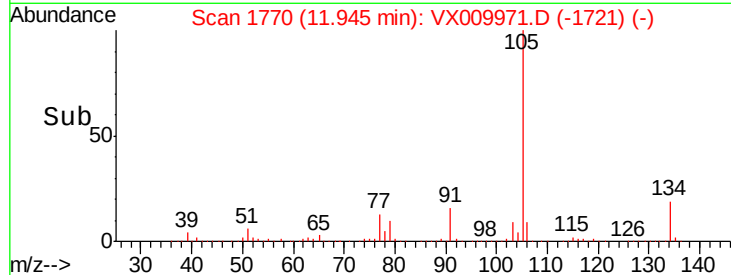
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 51.124 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX009971.D

Acq: 30 May 2019 19:22

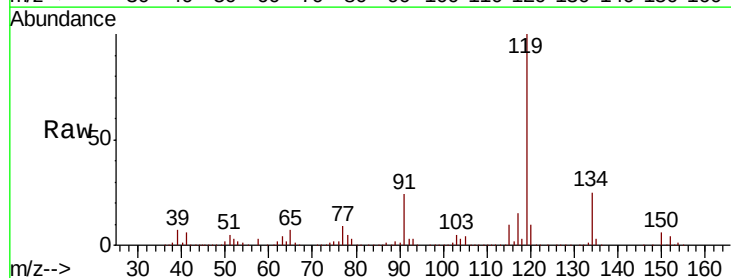
Tgt Ion:119 Resp: 372831

Ion Ratio Lower Upper

119 100

134 25.8 12.9 38.6

91 24.0 11.9 35.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.06

400000

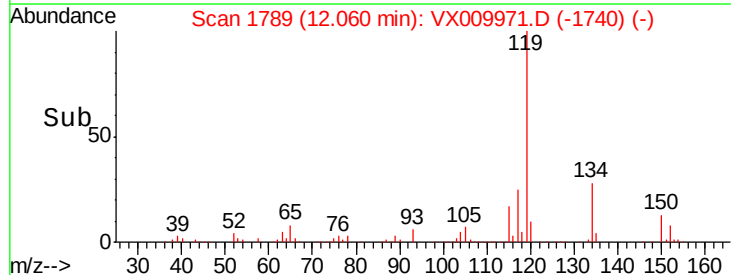
300000

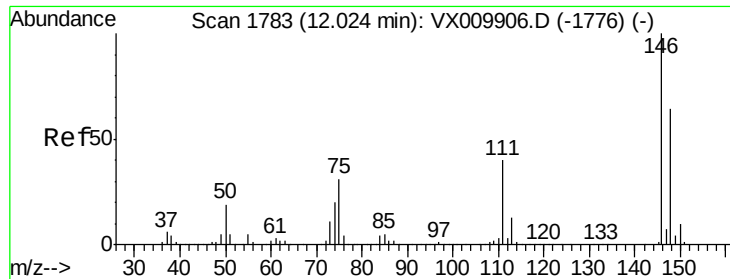
200000

100000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 47.804 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX009971.D

Acq: 30 May 2019 19:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

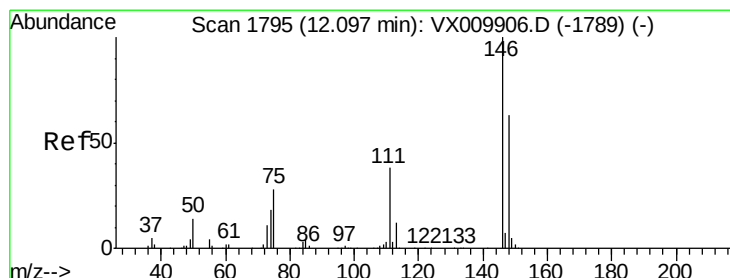
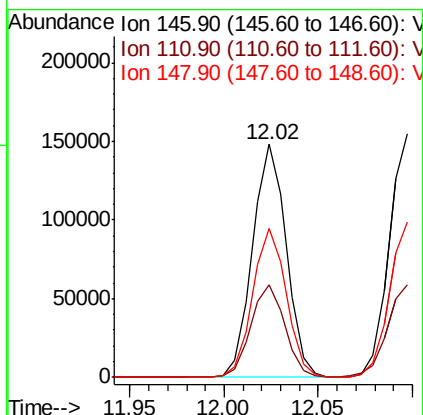
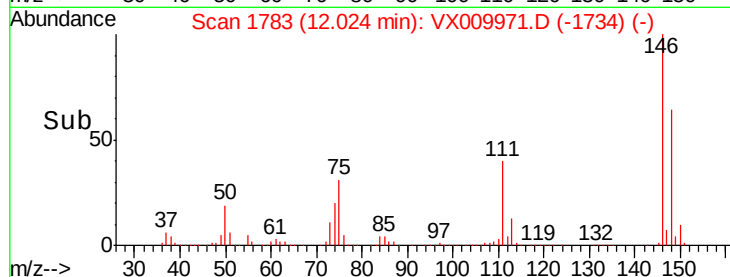
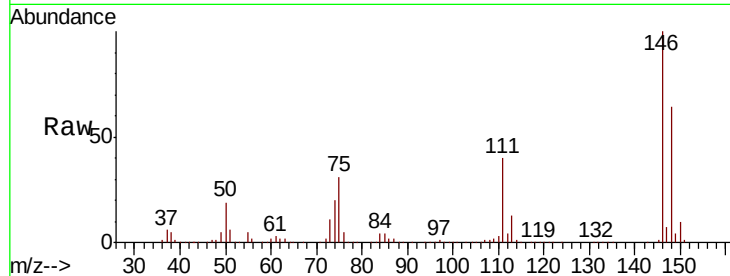
Tot Ion:146 Resp: 183394

Ion Ratio Lower Upper

146 100

111 40.1 20.1 60.2

148 63.7 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 47.065 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX009971.D

Acq: 30 May 2019 19:22

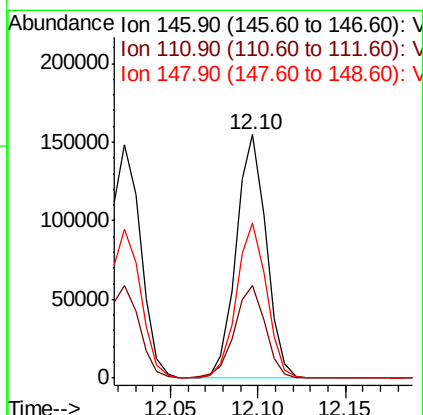
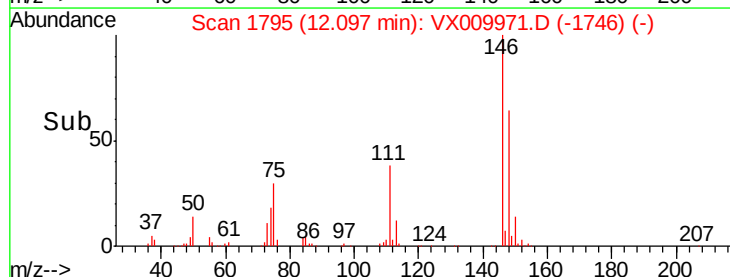
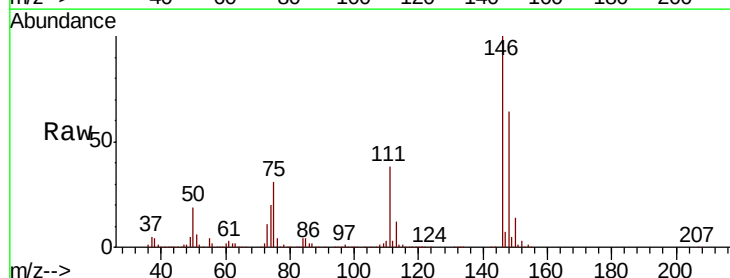
Tgt Ion:146 Resp: 184143

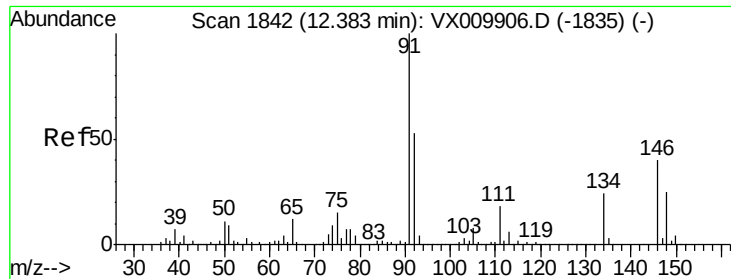
Ion Ratio Lower Upper

146 100

111 39.2 20.0 59.9

148 64.1 32.3 96.9





#89

n-Butylbenzene

Concen: 50.362 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX009971.D

Acq: 30 May 2019 19:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

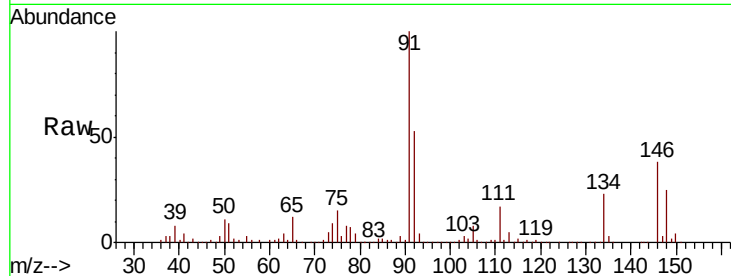
Tot Ion: 91 Resp: 345161

Ion Ratio Lower Upper

91 100

92 52.8 26.3 78.8

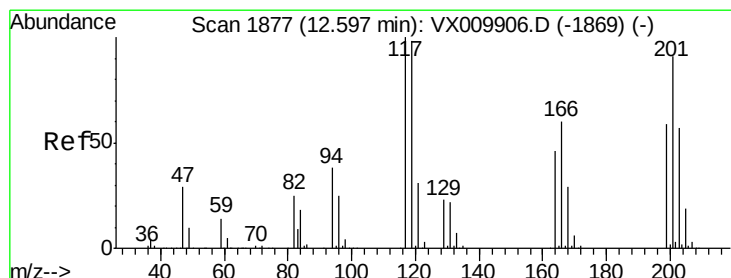
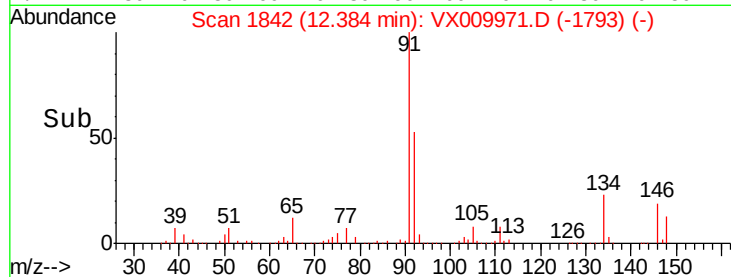
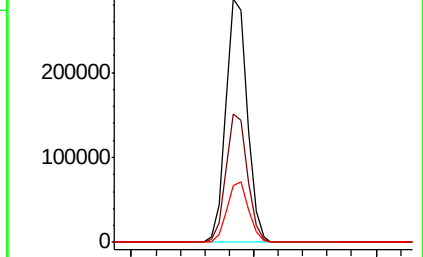
134 24.8 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX009906.D (-1835) (-)

Ion 92.00 (91.70 to 92.70): VX009906.D (-1835) (-)

Ion 134.00 (133.70 to 134.70): VX009906.D (-1835) (-)



#90

Hexachloroethane

Concen: 50.569 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX009971.D

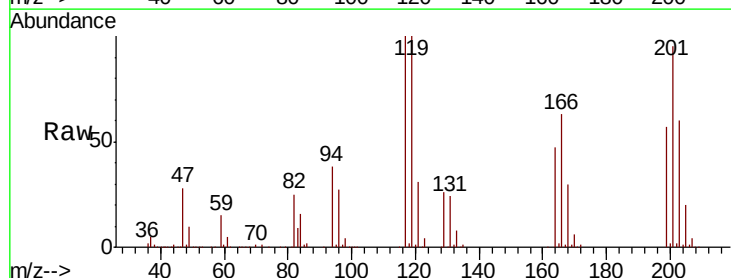
Acq: 30 May 2019 19:22

Tgt Ion: 117 Resp: 63288

Ion Ratio Lower Upper

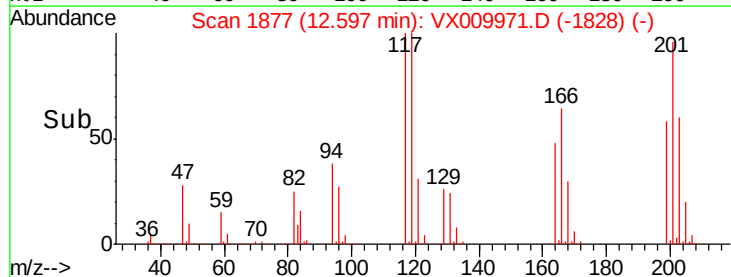
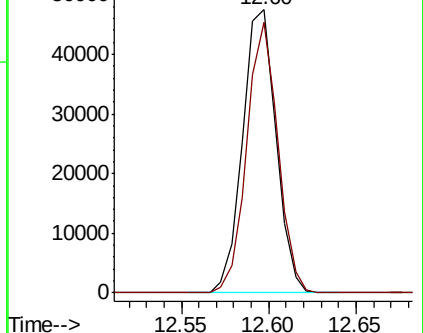
117 100

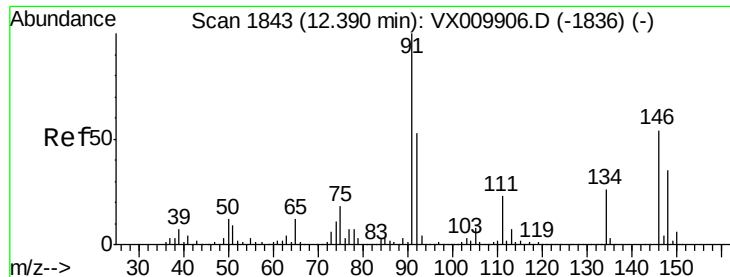
201 88.7 43.6 130.9



Abundance Ion 116.80 (116.50 to 117.50): VX009906.D (-1869) (-)

Ion 200.70 (200.40 to 201.40): VX009906.D (-1869) (-)

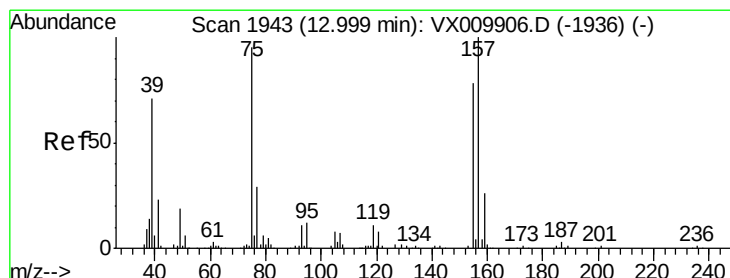
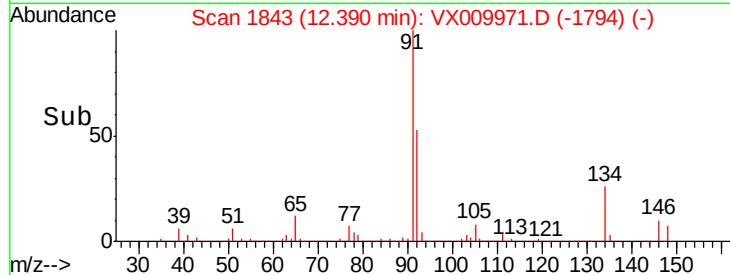
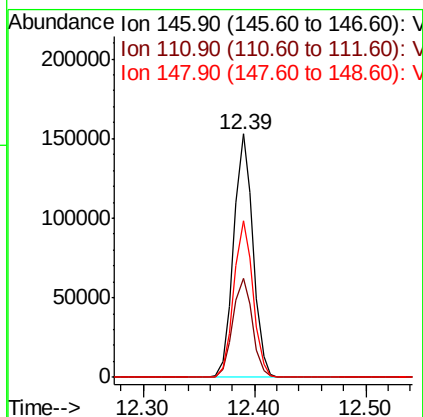
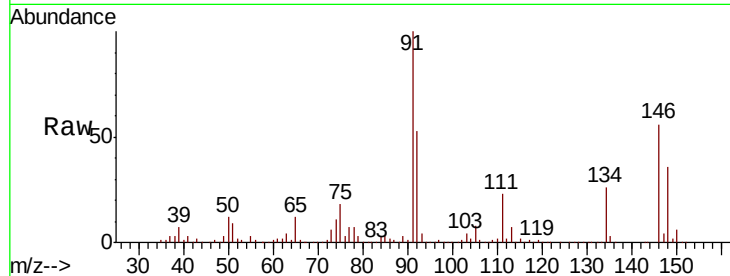




#91
 1,2-Dichlorobenzene
 Concen: 48.371 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX009971.D
 Acq: 30 May 2019 19:22

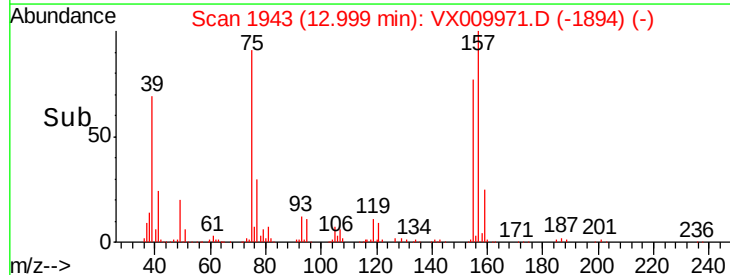
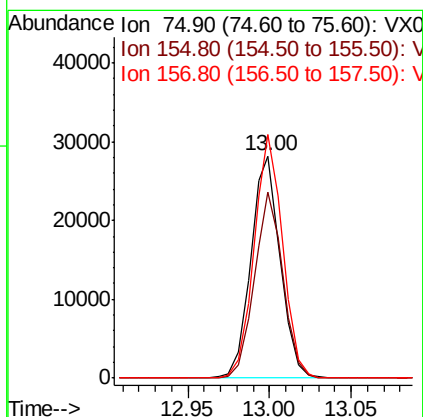
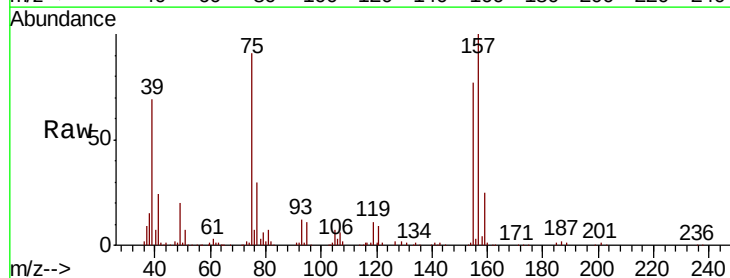
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

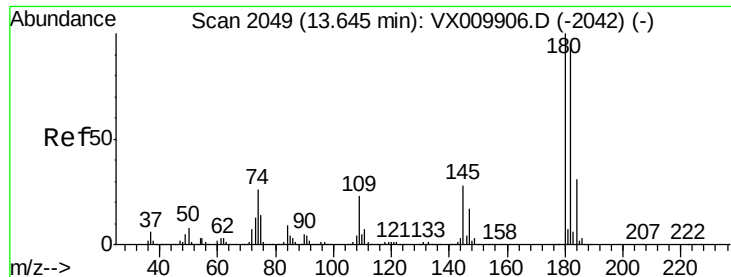
Tot Ion:146 Resp: 182957
 Ion Ratio Lower Upper
 146 100
 111 41.4 21.1 63.1
 148 63.8 32.3 96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.419 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX009971.D
 Acq: 30 May 2019 19:22

Tgt Ion: 75 Resp: 35210
 Ion Ratio Lower Upper
 75 100
 155 81.2 39.3 117.8
 157 106.3 50.6 151.8

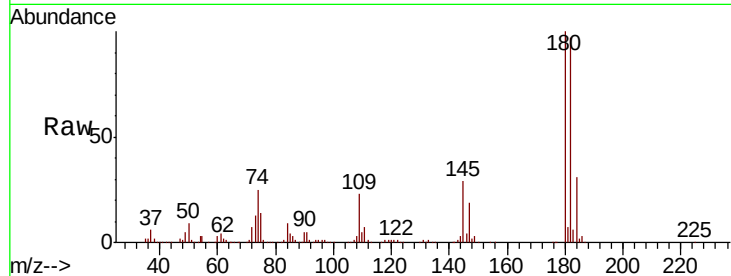




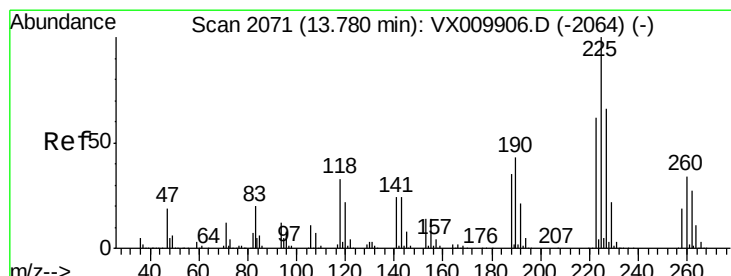
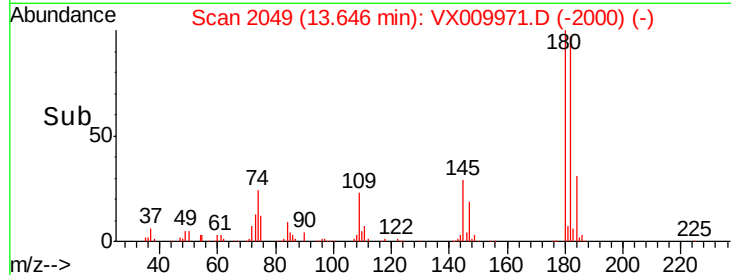
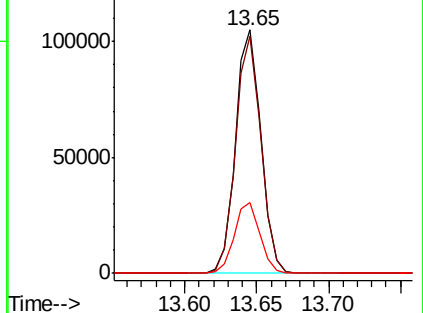
#93
 1,2,4-Trichlorobenzene
 Concen: 47.962 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX009971.D
 Acq: 30 May 2019 19:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.8	47.4	142.2
145	29.5	14.5	43.5

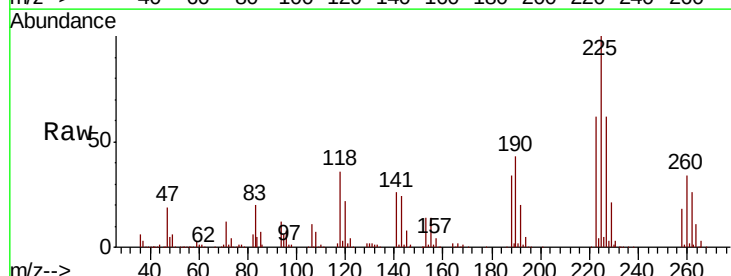


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

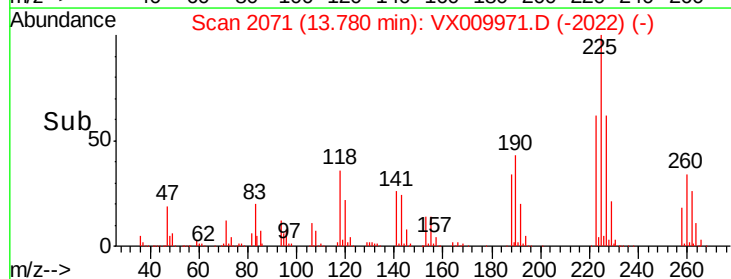
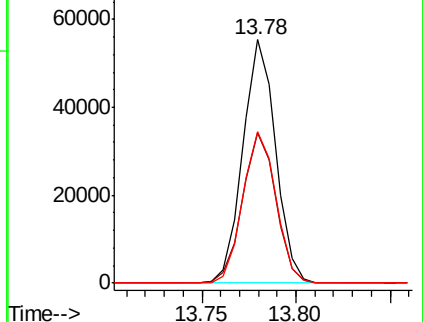


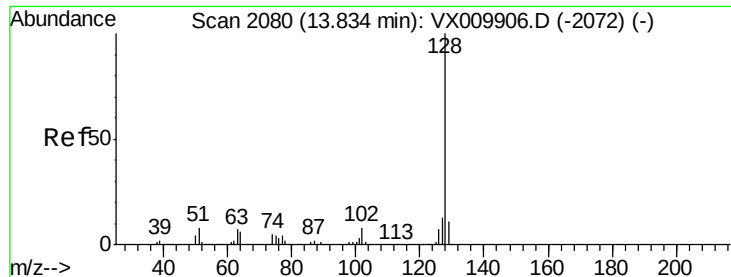
#94
 Hexachlorobutadiene
 Concen: 49.263 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX009971.D
 Acq: 30 May 2019 19:22

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	31.3	93.8
227	63.1	32.3	96.8



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

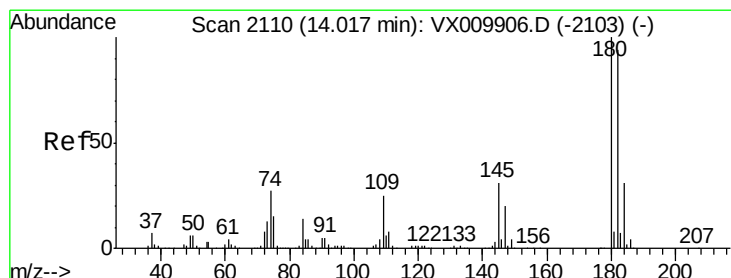
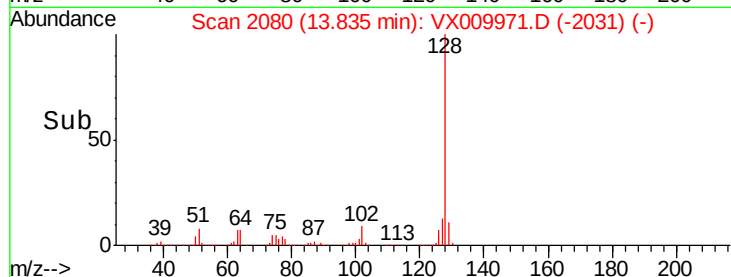
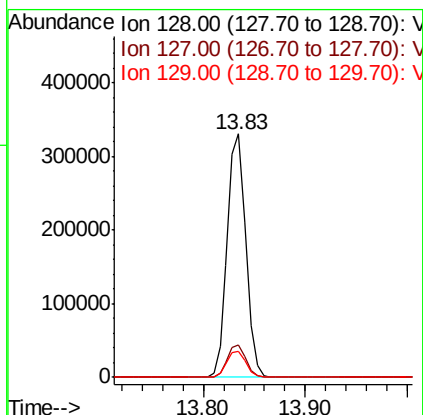
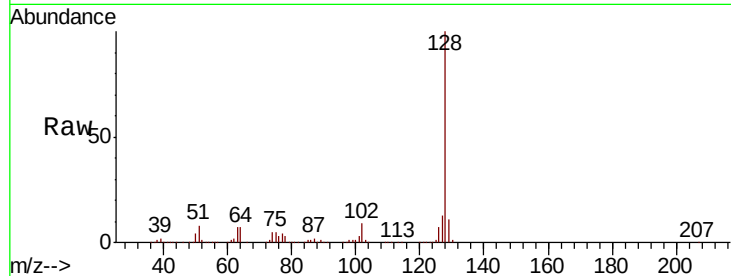




#95
Naphthalene
Concen: 49.466 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX009971.D
Acq: 30 May 2019 19:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 416080
Ion Ratio Lower Upper
128 100
127 13.3 10.6 16.0
129 11.1 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 47.586 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX009971.D
Acq: 30 May 2019 19:22

Tgt Ion:180 Resp: 128749
Ion Ratio Lower Upper
180 100
182 95.4 47.3 142.0
145 31.0 15.6 46.7

