

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070119\
 Data File : VX010601.D
 Acq On : 01 Jul 2019 19:14
 Operator : JC/SP
 Sample : K3521-39MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PK-10IMS

Quant Time: Jul 02 04:54:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	223180	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	340339	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	311844	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	159851	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	110416	52.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.54%	
35) Dibromofluoromethane	5.50	113	106211	51.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.02%	
50) Toluene-d8	8.71	98	395306	49.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	
62) 4-Bromofluorobenzene	11.13	95	142483	49.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.08%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	67036	43.204	ug/l	99
3) Chloromethane	1.32	50	77419	42.850	ug/l	96
4) Vinyl Chloride	1.41	62	87982	44.459	ug/l	98
5) Bromomethane	1.64	94	39105	40.561	ug/l	98
6) Chloroethane	1.71	64	57251	49.036	ug/l	96
7) Trichlorofluoromethane	1.93	101	157094	50.076	ug/l	99
8) Diethyl Ether	2.19	74	59719	53.083	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	88853	46.738	ug/l	99
10) Methyl Iodide	2.51	142	98655	36.362	ug/l	98
11) Tert butyl alcohol	3.04	59	120657	220.359	ug/l	98
12) 1,1-Dichloroethene	2.37	96	92088	47.604	ug/l	97
13) Acrolein	2.29	56	96988	267.016	ug/l	99
14) Allyl chloride	2.73	41	133915	48.760	ug/l	98
15) Acrylonitrile	3.14	53	281984	260.113	ug/l	100
16) Acetone	2.45	43	223630	213.242	ug/l	98
17) Carbon Disulfide	2.57	76	207766	40.033	ug/l	99
18) Methyl Acetate	2.77	43	97881	46.830	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	316297	51.974	ug/l	96
20) Methylene Chloride	2.85	84	108342	50.200	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	99912	48.022	ug/l	98
22) Diisopropyl ether	3.85	45	298314	51.952	ug/l	95
23) Vinyl Acetate	3.81	43	1157919	233.425	ug/l	99
24) 1,1-Dichloroethane	3.70	63	170656	51.416	ug/l	99
25) 2-Butanone	4.67	43	378627	246.128	ug/l	100
26) 2,2-Dichloropropane	4.59	77	113208	39.263	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	122510	50.956	ug/l	98
28) Bromochloromethane	5.01	49	79249	49.938	ug/l	97
29) Tetrahydrofuran	5.13	42	247191	259.422	ug/l	99
30) Chloroform	5.21	83	184018	51.528	ug/l	99
31) Cyclohexane	5.58	56	142146	47.029	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	158409	50.235	ug/l	99
36) 1,1-Dichloropropene	5.80	75	127653	47.200	ug/l	99
37) Ethyl Acetate	4.83	43	127341	45.768	ug/l	99
38) Carbon Tetrachloride	5.79	117	138048	47.137	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	152512	42.900	ug/l	99
40) Benzene	6.14	78	411625	48.853	ug/l	99
41) Methacrylonitrile	5.04	41	77098	50.503	ug/l	99
42) 1,2-Dichloroethane	6.19	62	132812	51.782	ug/l	99
43) Isopropyl Acetate	6.45	43	221512	48.121	ug/l	98
44) Trichloroethene	7.21	130	120437	47.769	ug/l	97
45) 1,2-Dichloropropane	7.51	63	105670	49.662	ug/l	99
46) Dibromomethane	7.66	93	77172	50.551	ug/l	96
47) Bromodichloromethane	7.90	83	138611	49.544	ug/l	99
48) Methyl methacrylate	7.77	41	110537	51.661	ug/l	99
49) 1,4-Dioxane	7.74	88	54931	891.184	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	768442	261.013	ug/l	99
52) Toluene	8.79	92	270173	48.691	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	146406	46.676	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	162700	47.732	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	115602	50.516	ug/l	99
56) Ethyl methacrylate	9.18	69	176757	50.988	ug/l	98
57) 1,3-Dichloropropane	9.37	76	181454	51.081	ug/l	100
59) 2-Hexanone	9.49	43	589978	254.620	ug/l	97
60) Dibromochloromethane	9.58	129	124288	48.507	ug/l	99
61) 1,2-Dibromoethane	9.67	107	124881	50.557	ug/l	99
64) Tetrachloroethene	9.34	164	111352	44.147	ug/l	98
65) Chlorobenzene	10.13	112	334267	52.798	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	115714	50.178	ug/l	100
67) Ethyl Benzene	10.25	91	523999	49.026	ug/l	100
68) m/p-Xylenes	10.36	106	400306	96.660	ug/l	98
69) o-Xylene	10.69	106	196688	48.294	ug/l	97
70) Styrene	10.71	104	338841	49.610	ug/l	99
71) Bromoform	10.86	173	95301	47.521	ug/l #	100
73) Isopropylbenzene	11.02	105	526633	48.601	ug/l	99
74) N-amyl acetate	10.90	43	189246	46.212	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	181779	50.655	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	191500	65.742	ug/l	81
77) Bromobenzene	11.26	156	146544	48.433	ug/l	99
78) n-propylbenzene	11.36	91	585178	49.137	ug/l	100
79) 2-Chlorotoluene	11.42	91	344701	48.607	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	435625	48.766	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	51318	41.100	ug/l	93
82) 4-Chlorotoluene	11.51	91	398601	49.396	ug/l	100
83) tert-Butylbenzene	11.77	119	440479	49.129	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	441019	49.140	ug/l	100
85) sec-Butylbenzene	11.94	105	513683	48.796	ug/l	99
86) p-Isopropyltoluene	12.06	119	475889	48.873	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	252340	47.778	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	257465	47.884	ug/l	99
89) n-Butylbenzene	12.38	91	401338	48.504	ug/l	99
90) Hexachloroethane	12.60	117	78591	46.678	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	253228	48.241	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	36382	47.023	ug/l	93
93) 1,2,4-Trichlorobenzene	13.65	180	172391	47.357	ug/l	99

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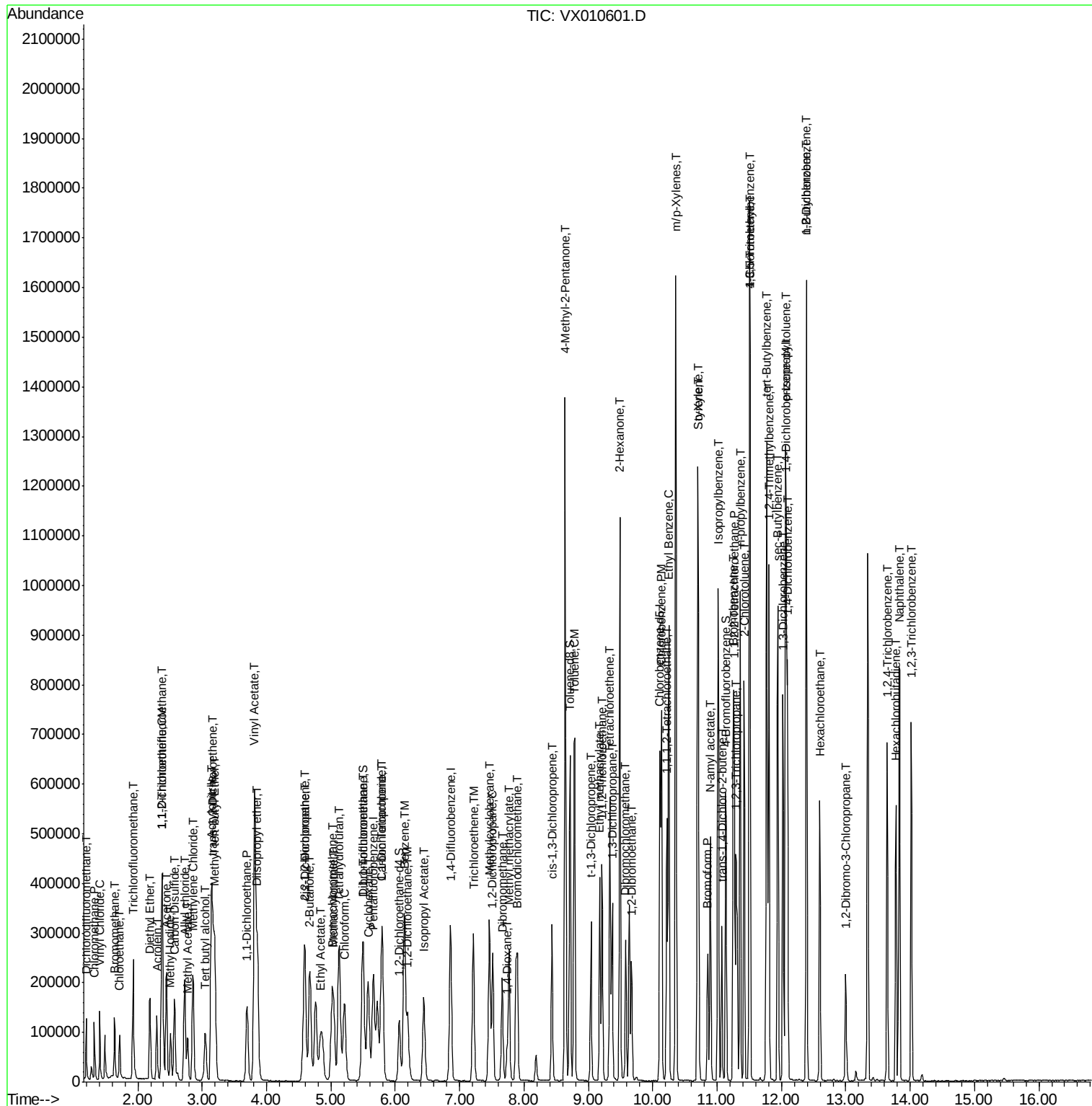
Quant Time: Jul 02 04:54:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
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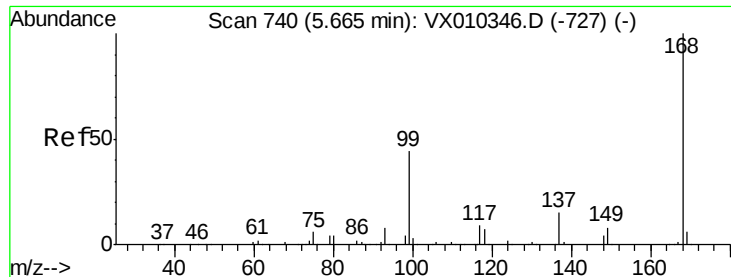
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	81593	45.862	ug/l	100
95) Naphthalene	13.83	128	541952	48.446	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	174247	48.143	ug/l	100

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

Instrument :
MSVOA_X
ClientSampleId :
PK-10IMS

Quant Time: Jul 02 04:54:56 2019
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Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010601.D

Acq: 01 Jul 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

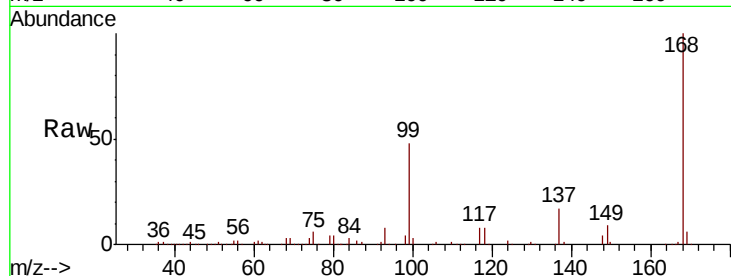
PK-10IMS

Tot Ion:168 Resp: 223180

Ion Ratio Lower Upper

168 100

99 48.3 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): VX010346.D (-727) (-)

Ion 98.90 (98.60 to 99.60): VX010346.D (-727) (-)

5.66

80000

60000

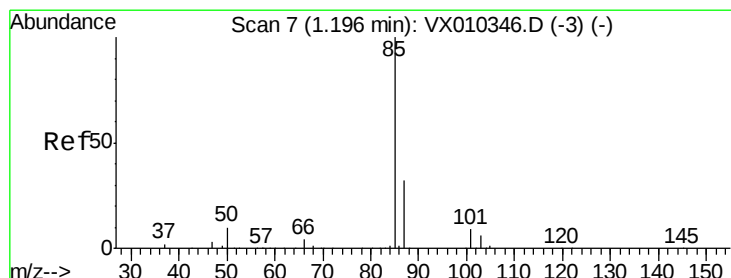
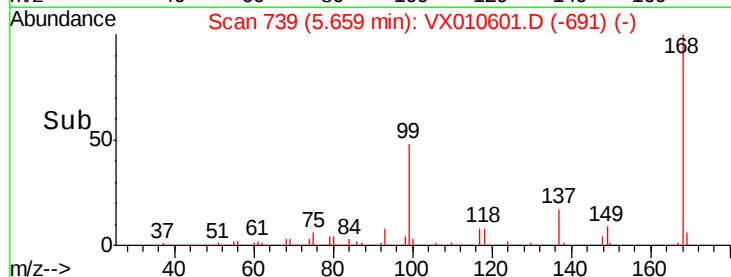
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 43.204 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010601.D

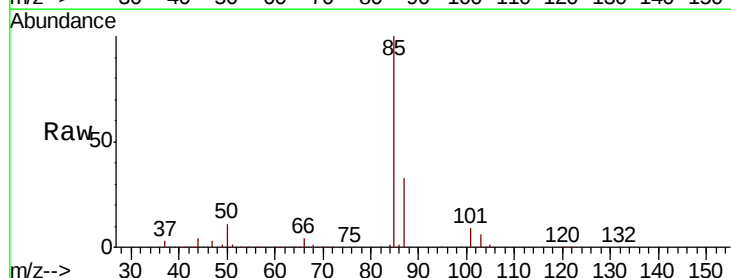
Acq: 01 Jul 2019 19:14

Tgt Ion: 85 Resp: 67036

Ion Ratio Lower Upper

85 100

87 33.3 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX010346.D (-3) (-)

Ion 86.90 (86.60 to 87.60): VX010346.D (-3) (-)

1.20

80000

60000

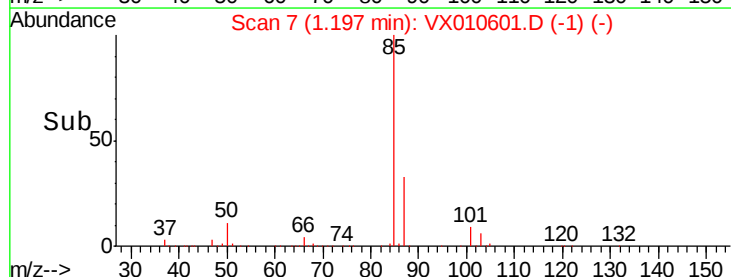
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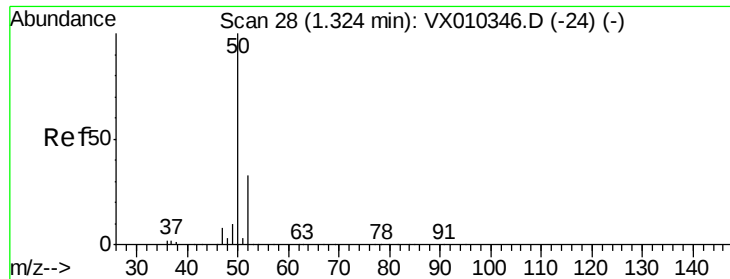
20000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 42.850 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010601.D

Acq: 01 Jul 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

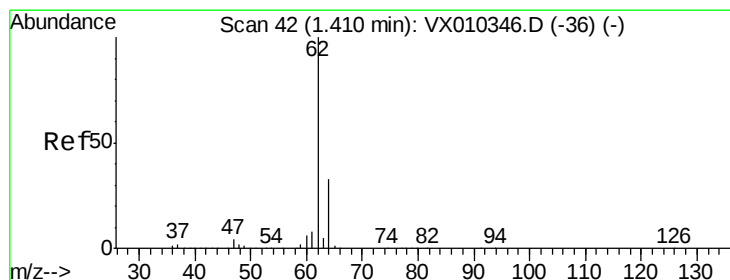
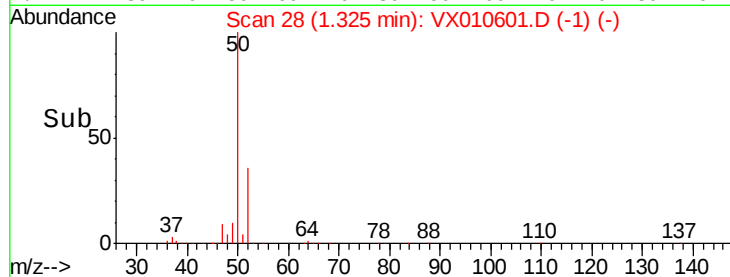
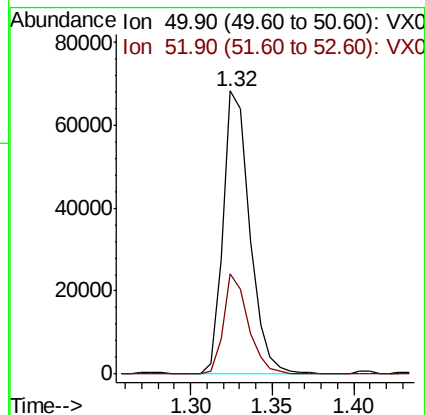
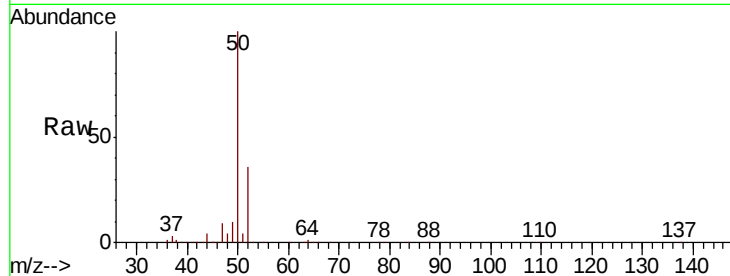
PK-10IMS

Tot Ion: 50 Resp: 77419

Ion Ratio Lower Upper

50 100

52 35.5 26.5 39.7



#4

Vinyl Chloride

Concen: 44.459 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010601.D

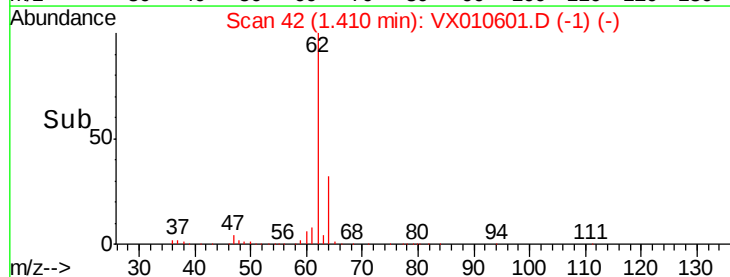
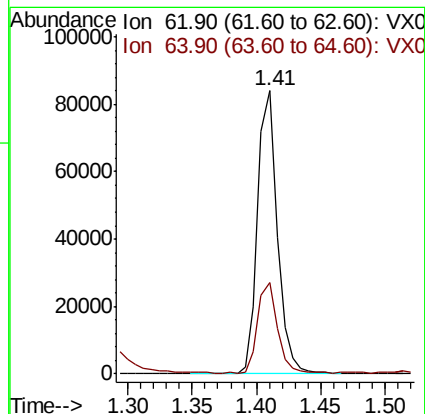
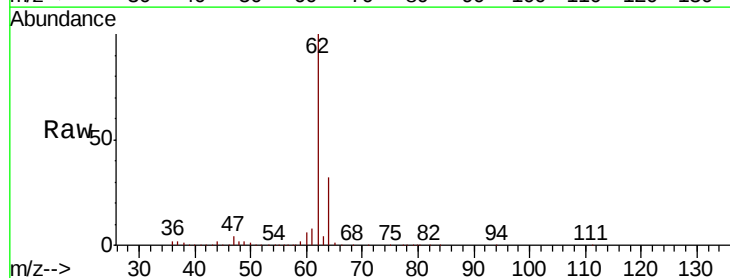
Acq: 01 Jul 2019 19:14

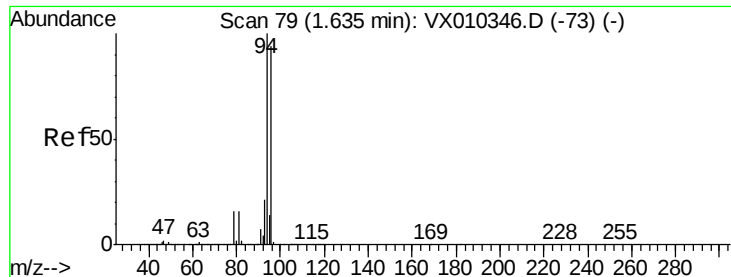
Tgt Ion: 62 Resp: 87982

Ion Ratio Lower Upper

62 100

64 31.9 26.2 39.4





#5

Bromomethane

Concen: 40.561 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010601.D

Acq: 01 Jul 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

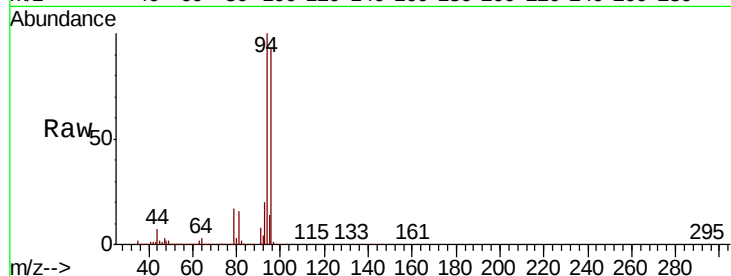
PK-10IMS

Tot Ion: 94 Resp: 39105

Ion Ratio Lower Upper

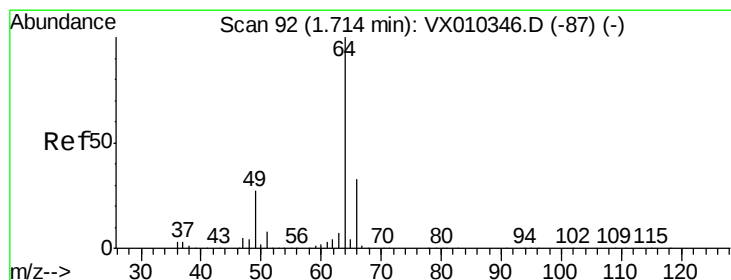
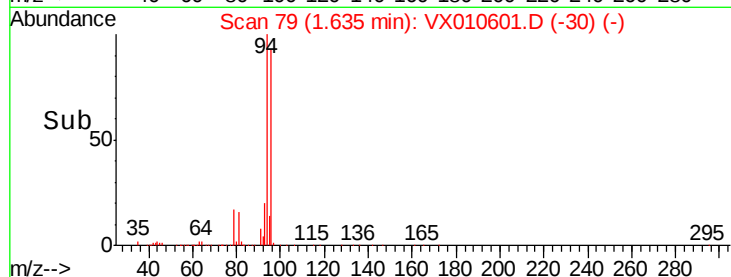
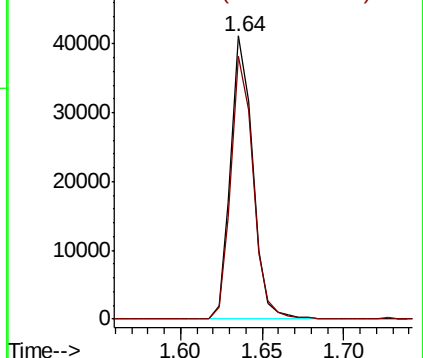
94 100

96 92.9 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 49.036 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010601.D

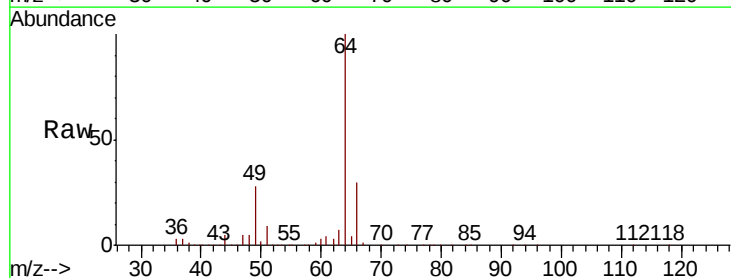
Acq: 01 Jul 2019 19:14

Tgt Ion: 64 Resp: 57251

Ion Ratio Lower Upper

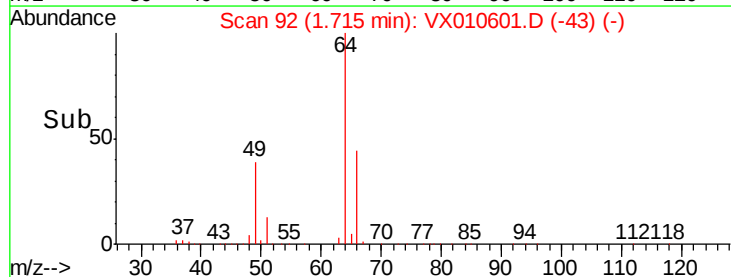
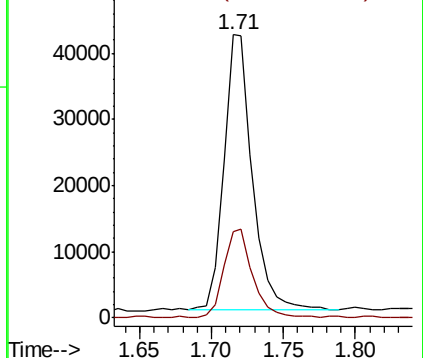
64 100

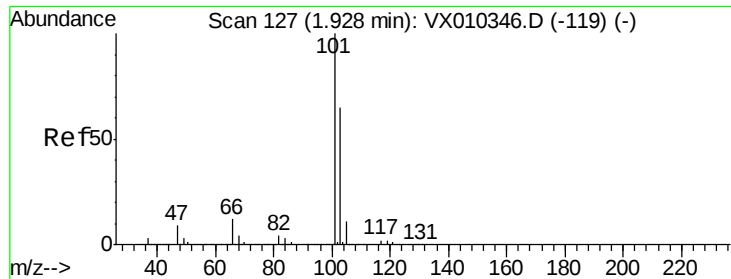
66 31.0 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



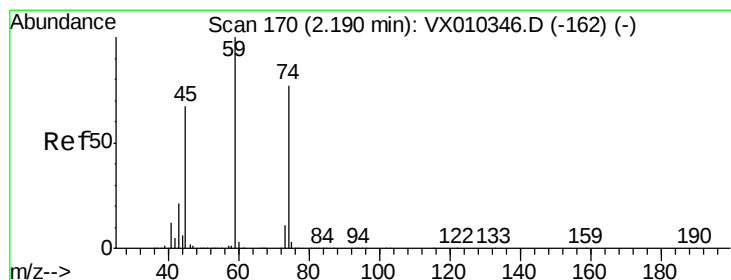
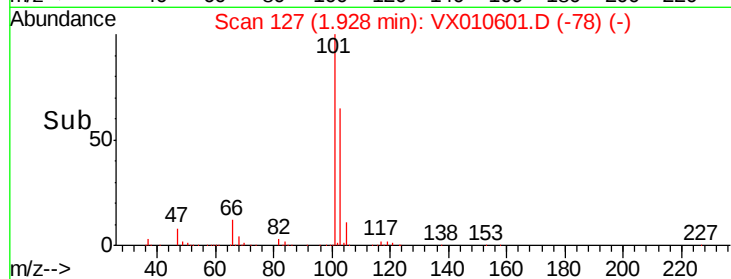
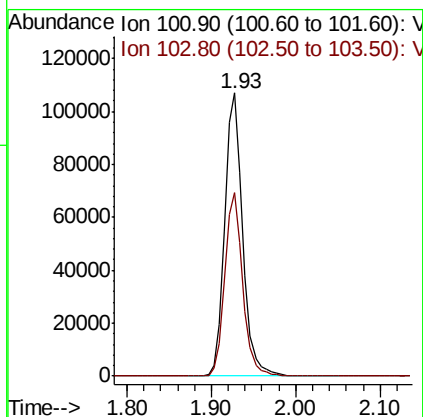
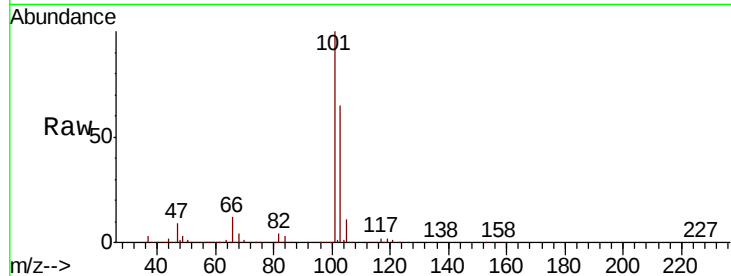


#7

Trichlorofluoromethane
 Concen: 50.076 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.00 min
 Lab File: VX010601.D
 Acq: 01 Jul 2019 19:14

Instrument :
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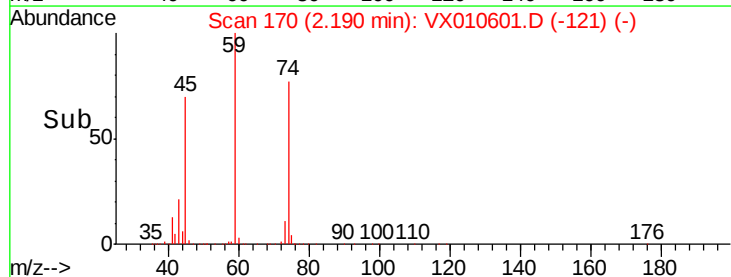
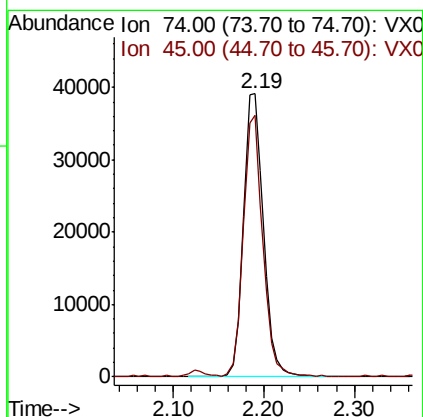
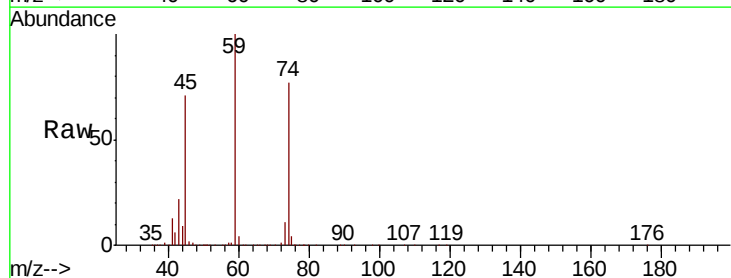
Tot Ion:101 Resp: 157094
 Ion Ratio Lower Upper
 101 100
 103 64.8 52.3 78.5

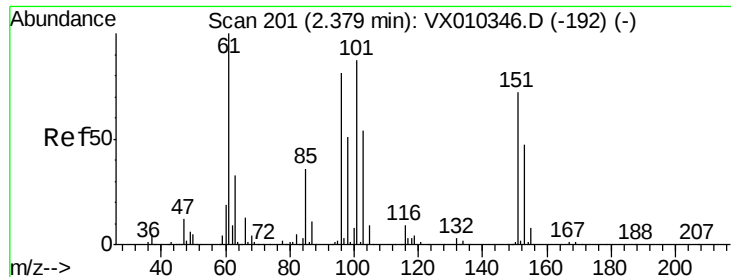


#8

Diethyl Ether
 Concen: 53.083 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX010601.D
 Acq: 01 Jul 2019 19:14

Tgt Ion: 74 Resp: 59719
 Ion Ratio Lower Upper
 74 100
 45 89.8 44.8 134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.738 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX010601.D

Acq: 01 Jul 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

PK-10IMS

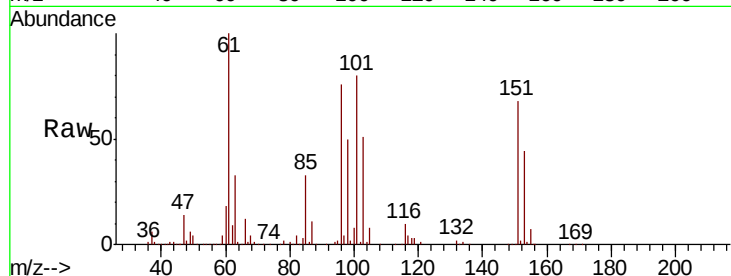
Tot Ion:101 Resp: 88853

Ion Ratio Lower Upper

101 100

85 41.7 33.7 50.5

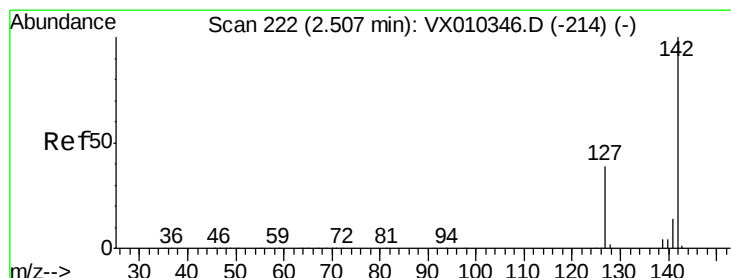
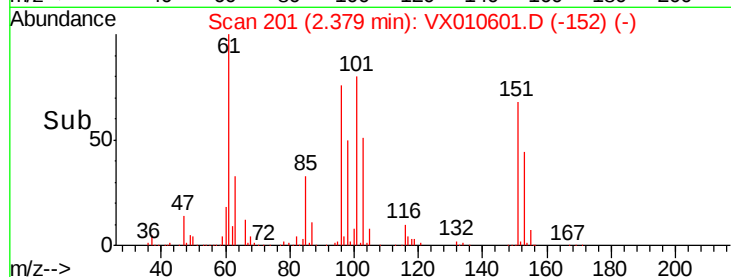
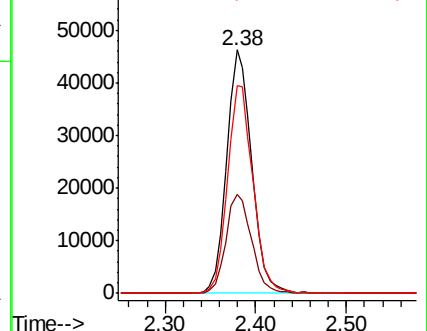
151 86.6 70.1 105.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 36.362 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX010601.D

Acq: 01 Jul 2019 19:14

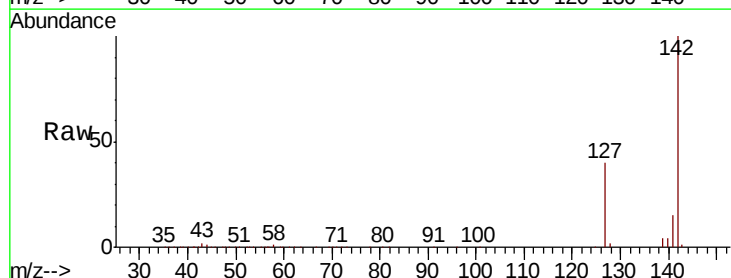
Tgt Ion:142 Resp: 98655

Ion Ratio Lower Upper

142 100

127 40.3 31.1 46.7

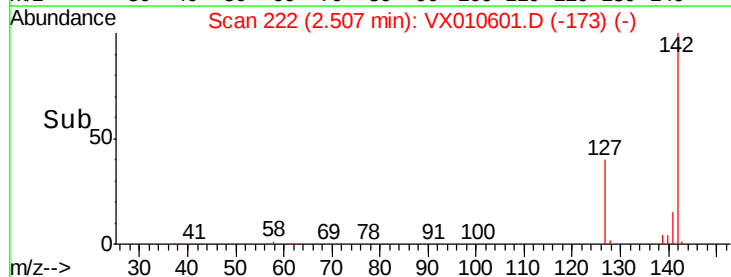
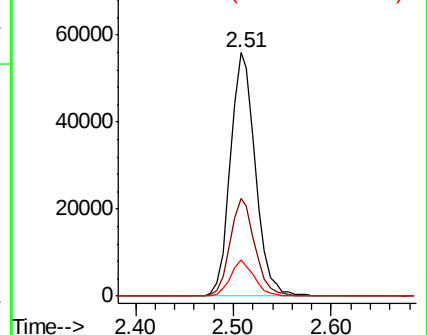
141 14.2 11.2 16.8

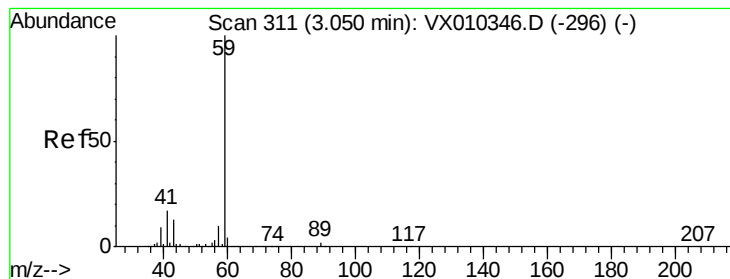


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



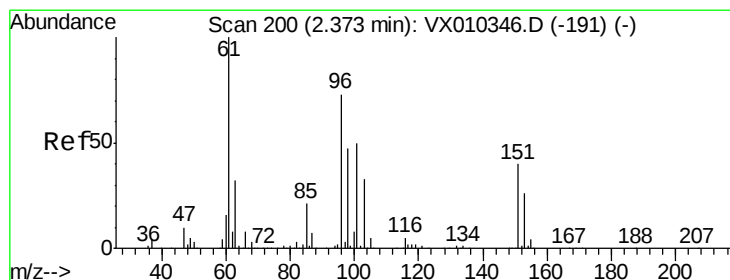
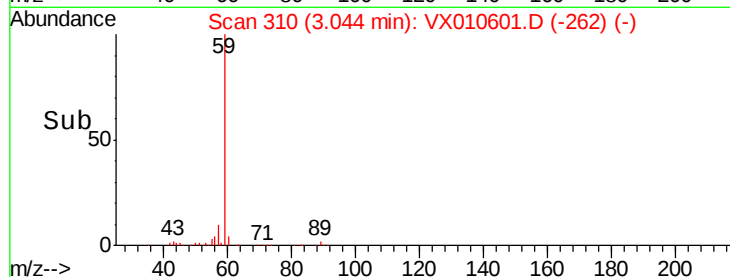
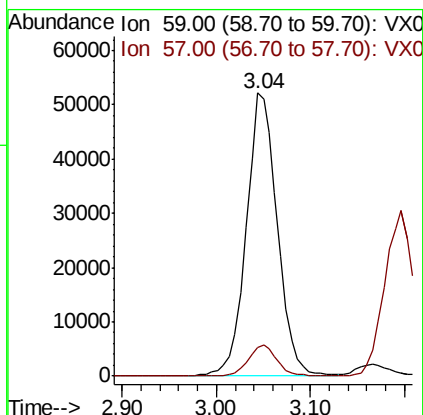
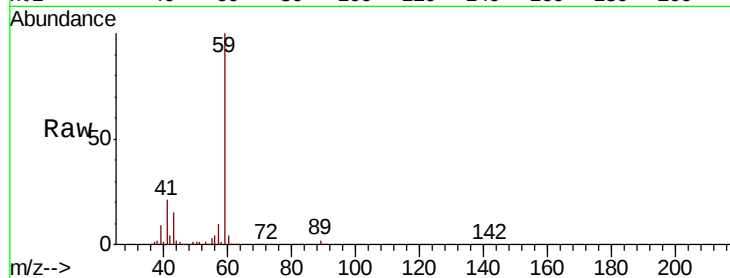


#11

Tert butyl alcohol
Concen: 220.359 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX010601.D
Acq: 01 Jul 2019 19:14

Instrument :
MSVOA_X
ClientSampleId :
PK-10IMS

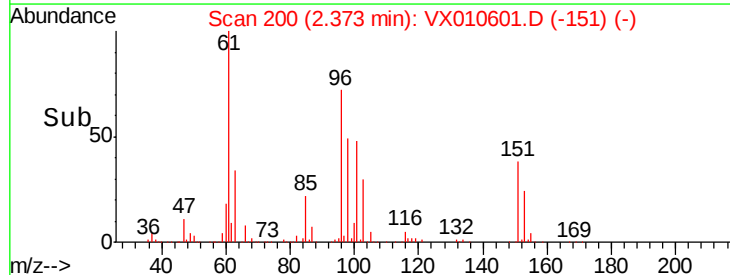
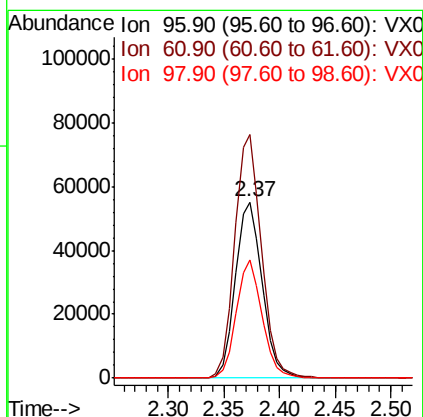
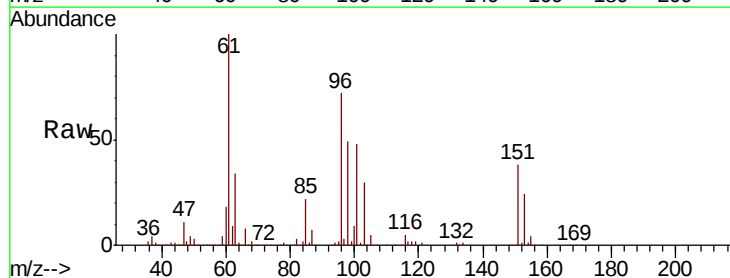
Tot Ion: 59 Resp: 120657
Ion Ratio Lower Upper
59 100
57 10.3 7.7 11.5

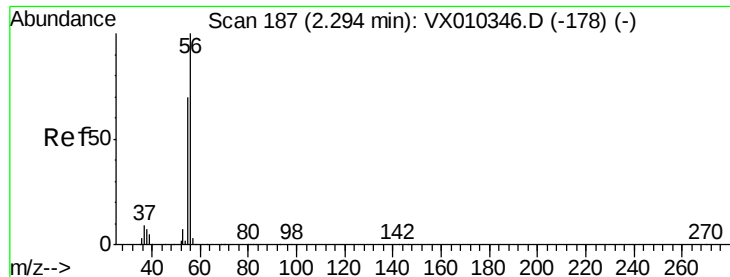


#12

1,1-Dichloroethene
Concen: 47.604 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX010601.D
Acq: 01 Jul 2019 19:14

Tgt Ion: 96 Resp: 92088
Ion Ratio Lower Upper
96 100
61 138.4 109.2 163.8
98 67.5 51.1 76.7





#13

Acrolein

Concen: 267.016 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010601.D

Acq: 01 Jul 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

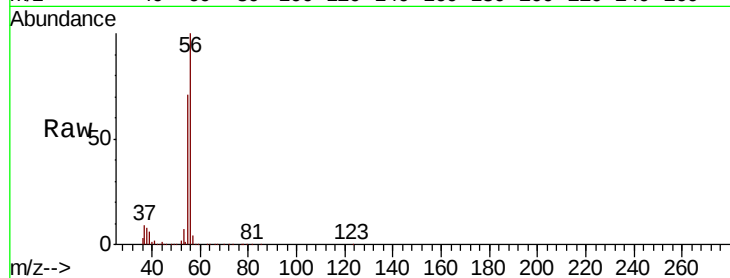
PK-10IMS

Tot Ion: 56 Resp: 96988

Ion Ratio Lower Upper

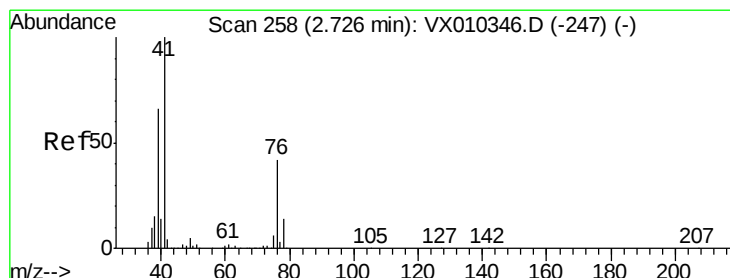
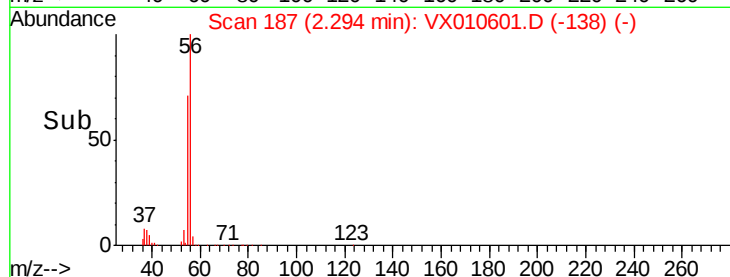
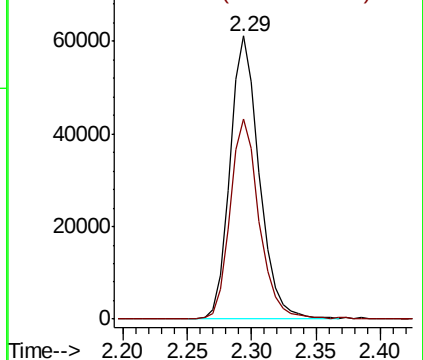
56 100

55 70.1 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 48.760 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010601.D

Acq: 01 Jul 2019 19:14

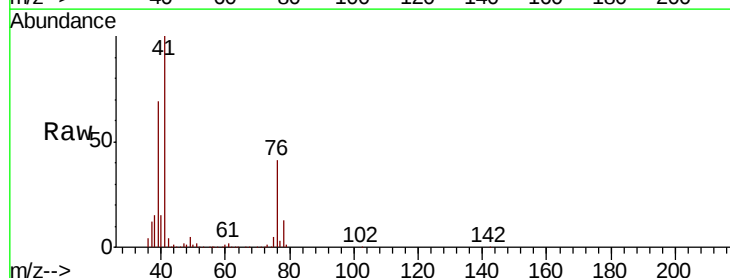
Tgt Ion: 41 Resp: 133915

Ion Ratio Lower Upper

41 100

39 64.4 50.3 75.5

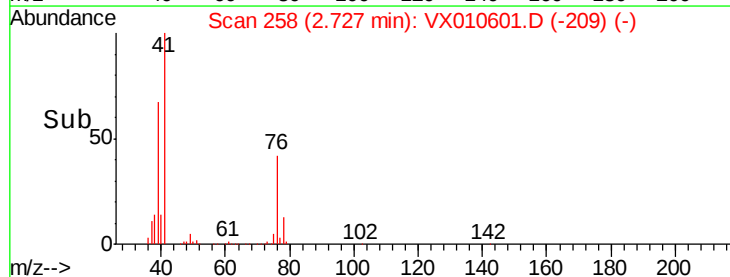
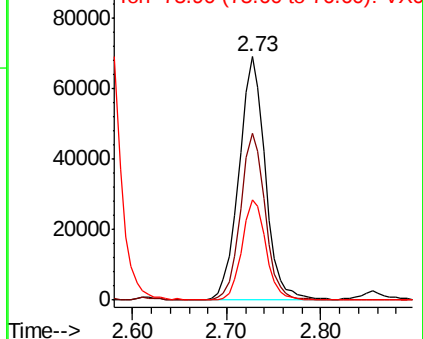
76 37.9 31.3 46.9

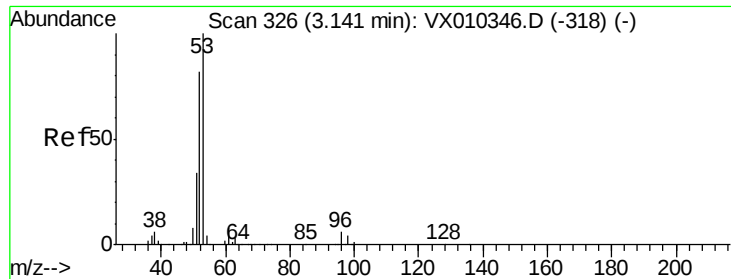


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 260.113 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010601.D

Acq: 01 Jul 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

PK-10IMS

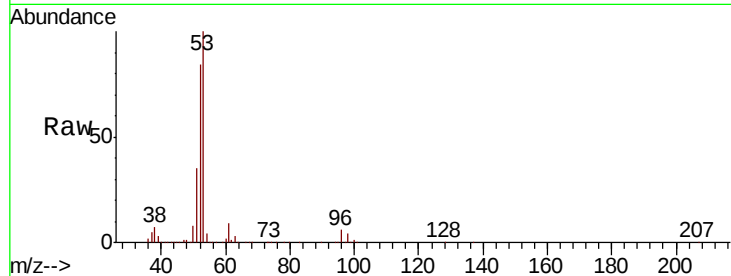
Tot Ion: 53 Resp: 281984

Ion Ratio Lower Upper

53 100

52 82.0 65.5 98.3

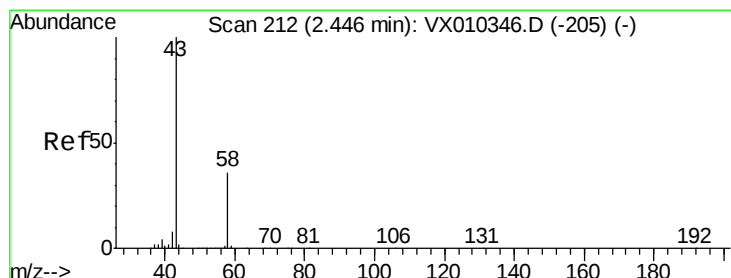
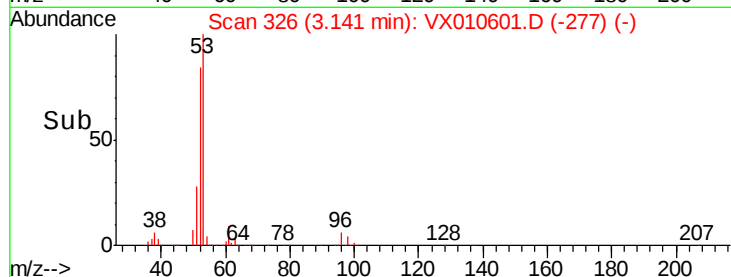
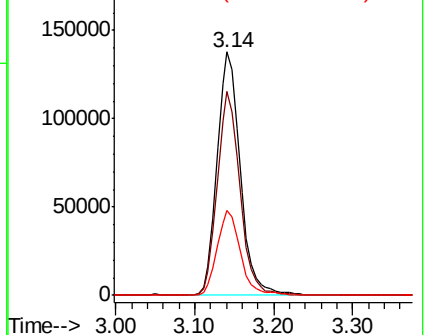
51 35.1 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 213.242 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010601.D

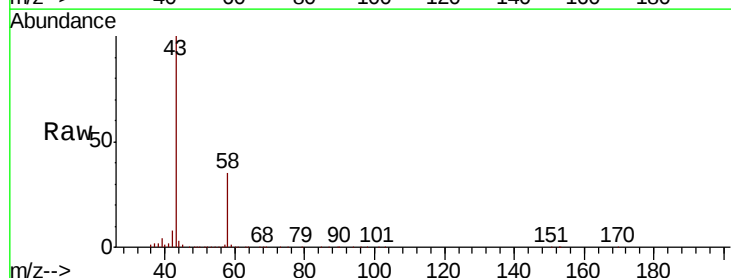
Acq: 01 Jul 2019 19:14

Tgt Ion: 43 Resp: 223630

Ion Ratio Lower Upper

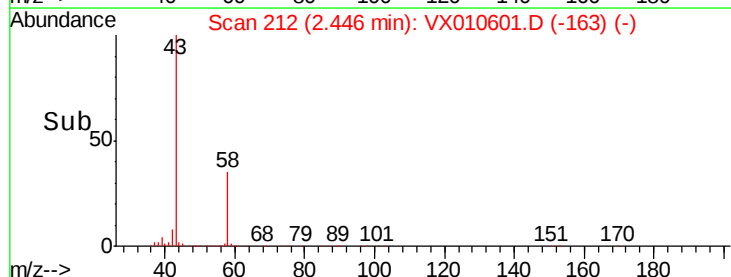
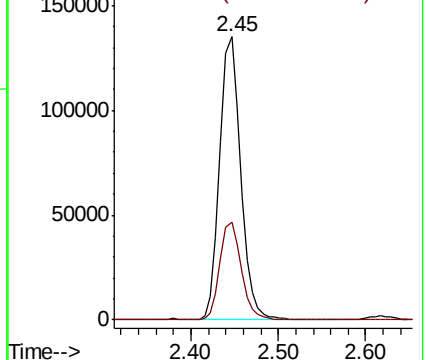
43 100

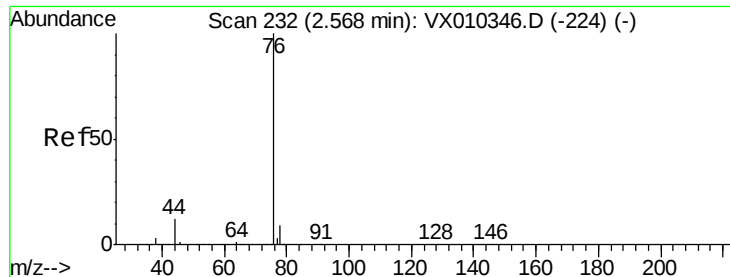
58 34.7 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 40.033 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX010601.D

Acq: 01 Jul 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

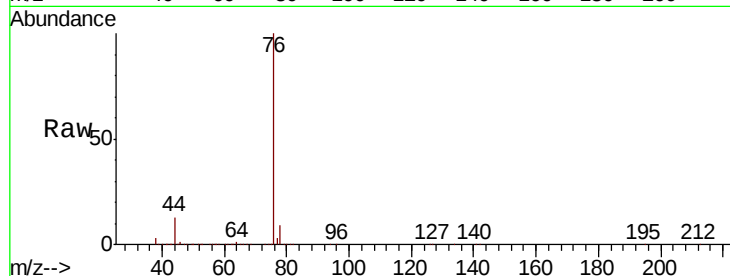
PK-10IMS

Tot Ion: 76 Resp: 207766

Ion Ratio Lower Upper

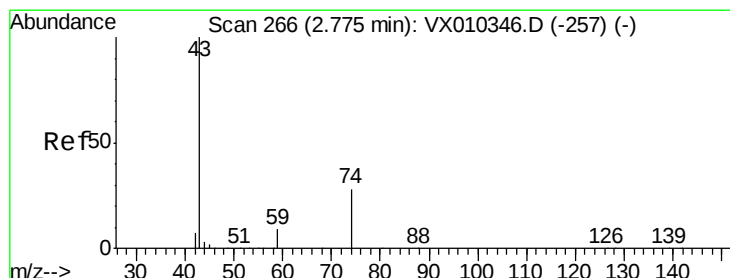
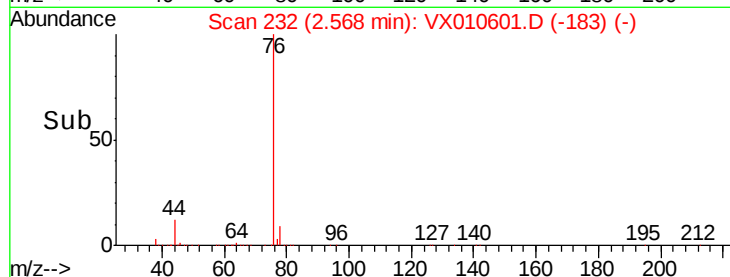
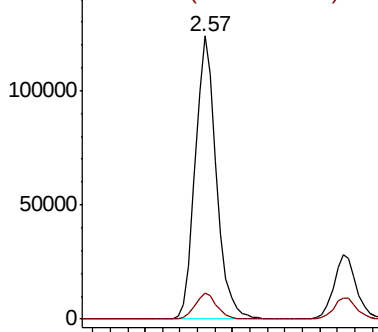
76 100

78 9.4 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 46.830 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX010601.D

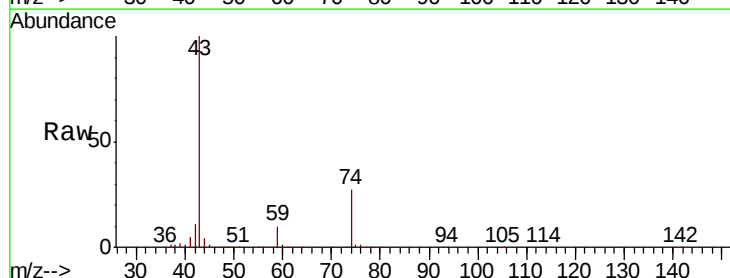
Acq: 01 Jul 2019 19:14

Tgt Ion: 43 Resp: 97881

Ion Ratio Lower Upper

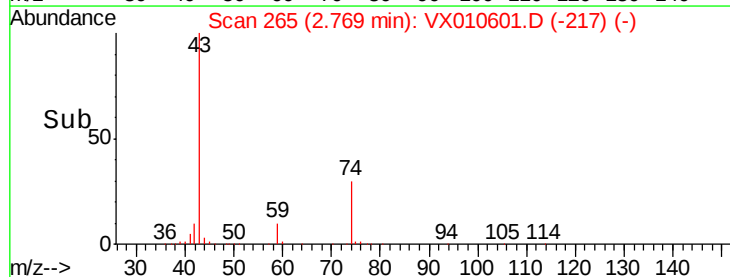
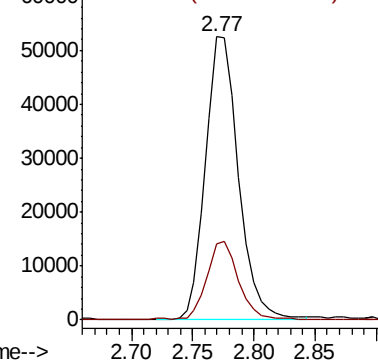
43 100

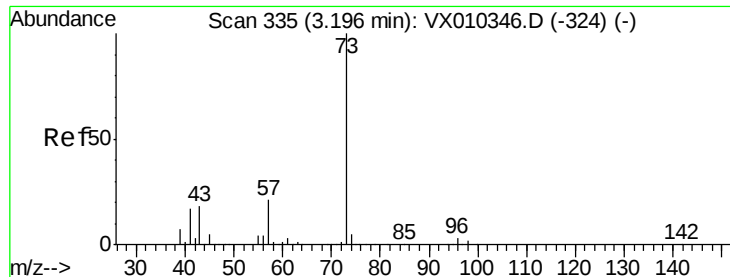
74 27.6 21.3 31.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

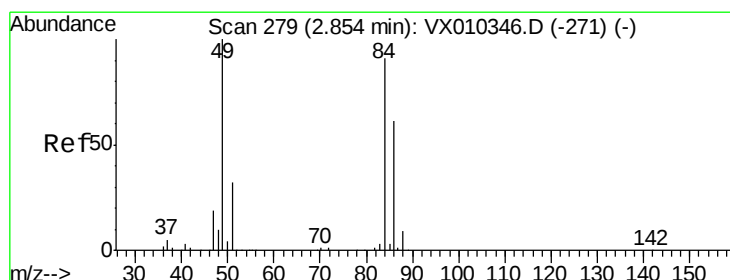
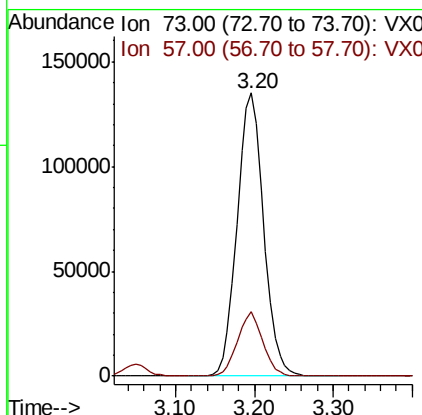
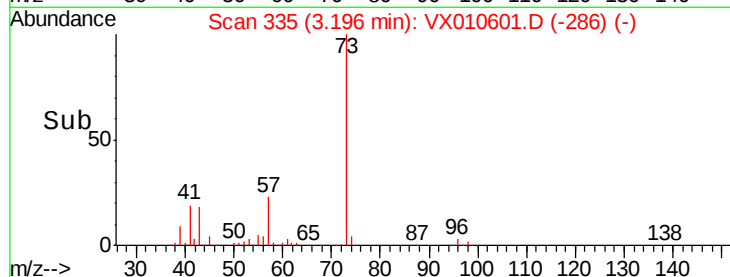
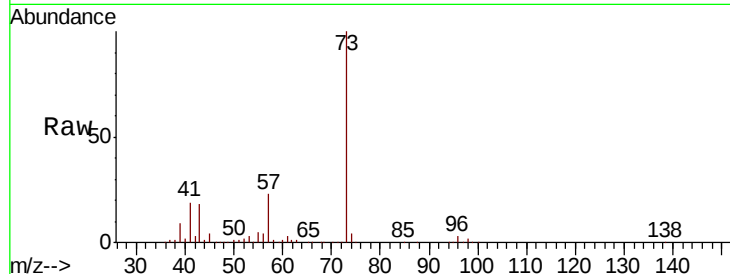




#19
Methyl tert-butyl Ether
Concen: 51.974 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX010601.D
Acq: 01 Jul 2019 19:14

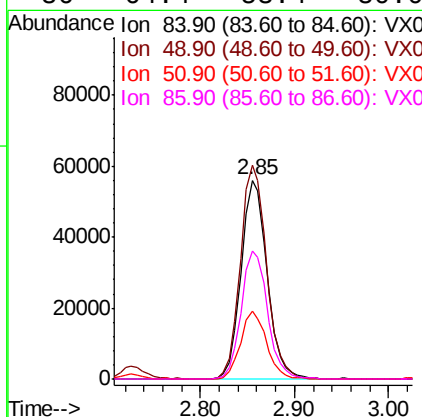
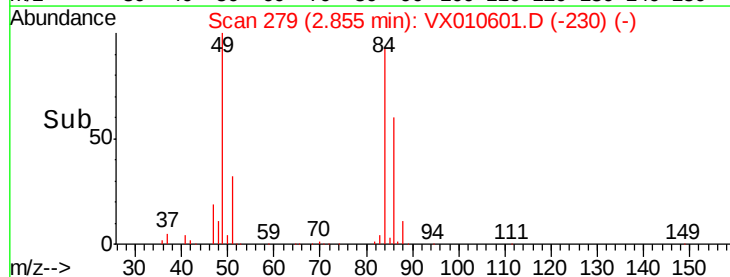
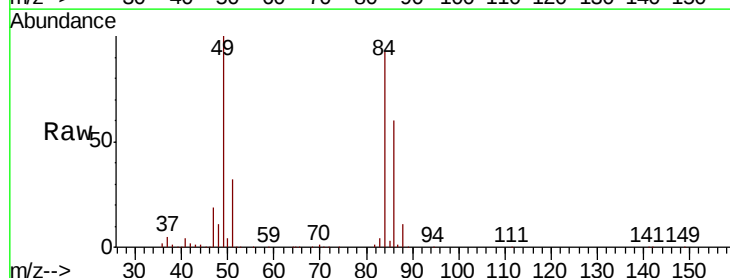
Instrument :
MSVOA_X
ClientSampleId :
PK-10IMS

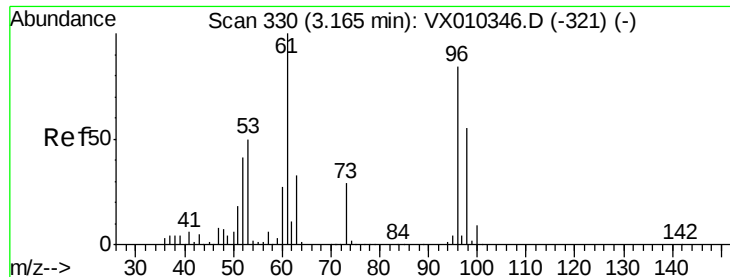
Tot Ion: 73 Resp: 316297
Ion Ratio Lower Upper
73 100
57 22.6 16.4 24.6



#20
Methylene Chloride
Concen: 50.200 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010601.D
Acq: 01 Jul 2019 19:14

Tgt Ion: 84 Resp: 108342
Ion Ratio Lower Upper
84 100
49 107.3 87.5 131.3
51 34.1 27.7 41.5
86 64.4 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 48.022 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010601.D

Acq: 01 Jul 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

PK-10IMS

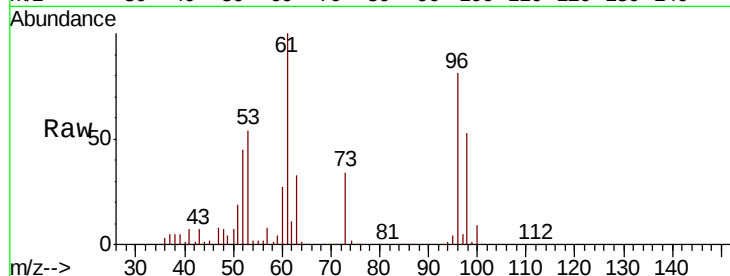
Tot Ion: 96 Resp: 99912

Ion Ratio Lower Upper

96 100

61 123.1 95.6 143.4

98 65.3 52.5 78.7

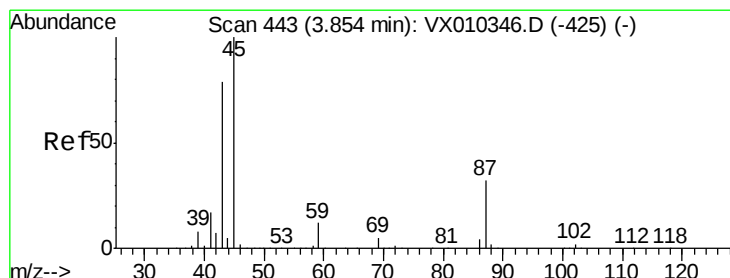
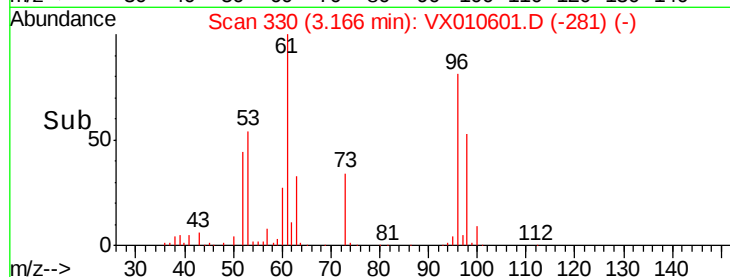
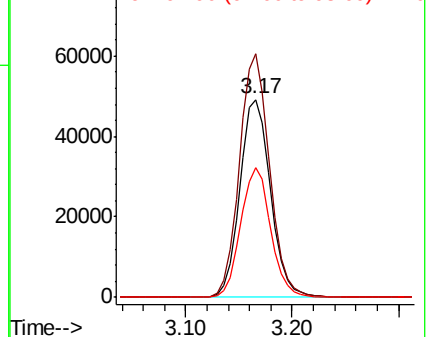


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 51.952 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX010601.D

Acq: 01 Jul 2019 19:14

Tgt Ion: 45 Resp: 298314

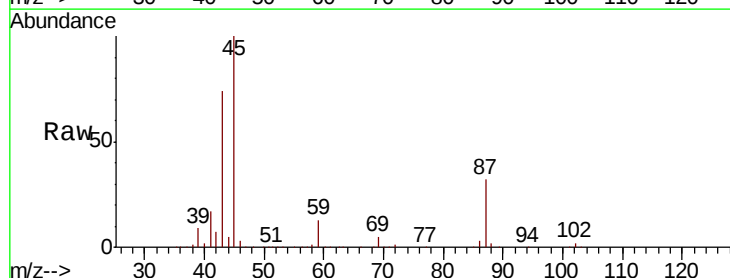
Ion Ratio Lower Upper

45 100

43 73.4 63.3 94.9

87 31.7 25.8 38.8

59 12.7 9.6 14.4



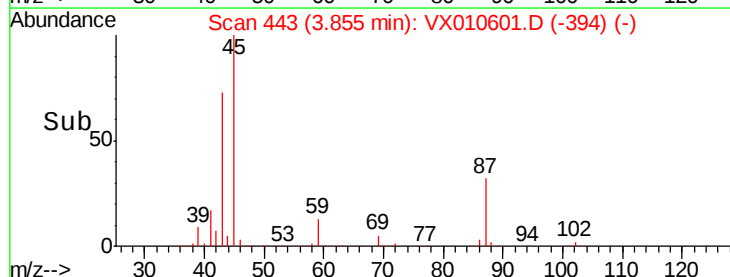
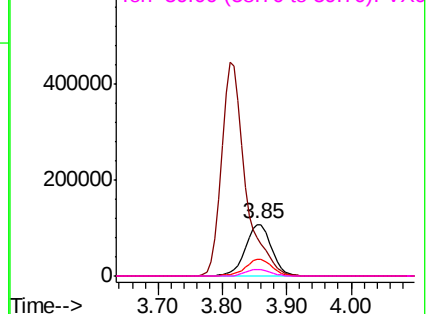
Abundance

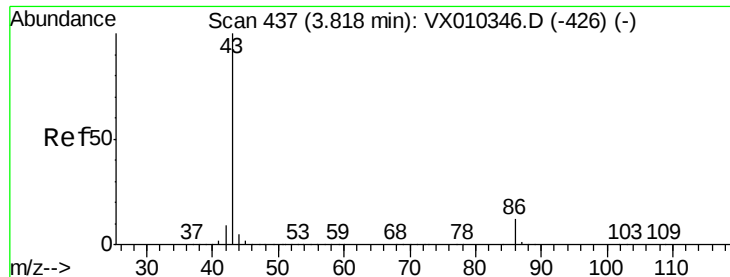
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

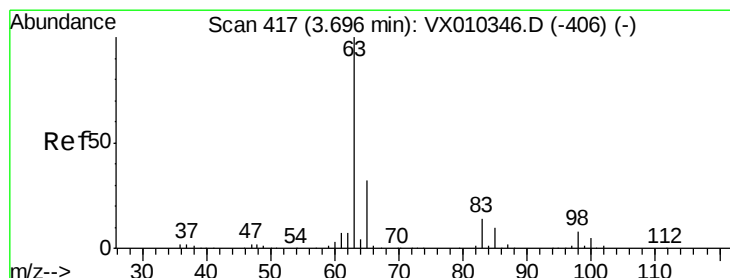
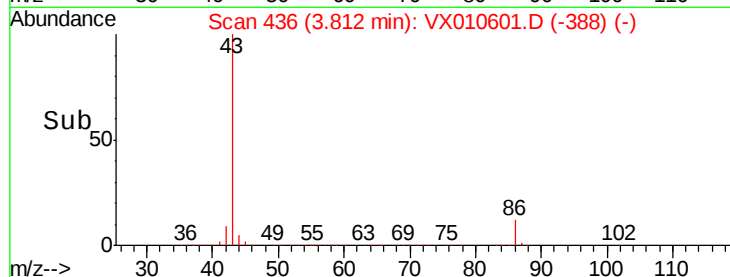
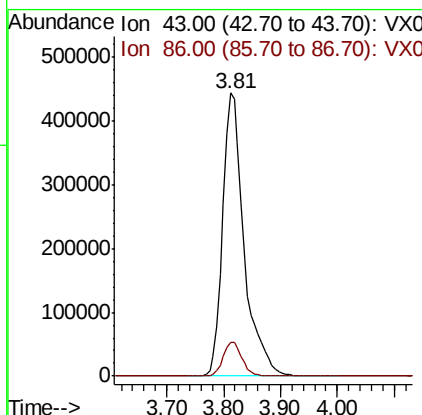
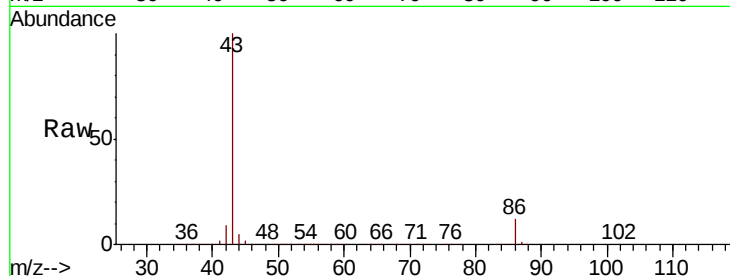




#23
 Vinyl Acetate
 Concen: 233.425 ug/l
 RT: 3.81 min Scan# 436
 Delta R.T. -0.01 min
 Lab File: VX010601.D
 Acq: 01 Jul 2019 19:14

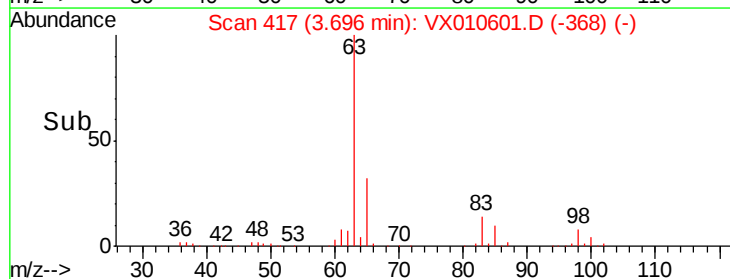
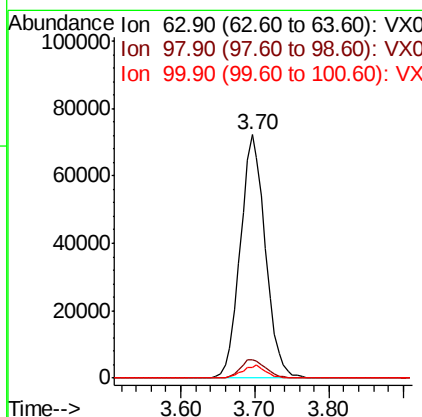
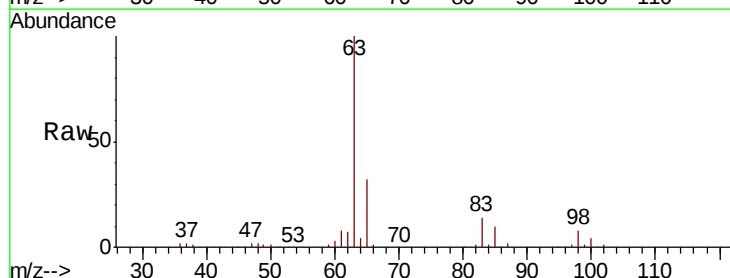
Instrument :
 MSVOA_X
 ClientSampleId :
 PK-10IMS

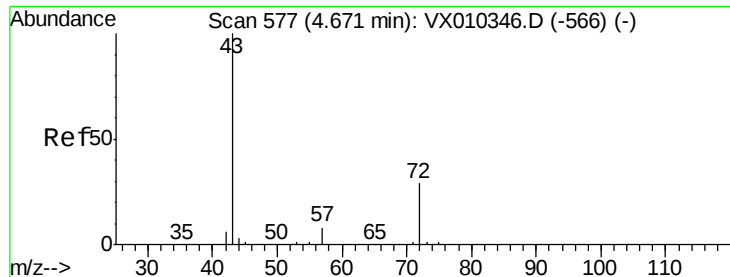
Tot Ion: 43 Resp: 1157919
 Ion Ratio Lower Upper
 43 100
 86 12.0 9.9 14.9



#24
 1,1-Dichloroethane
 Concen: 51.416 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: VX010601.D
 Acq: 01 Jul 2019 19:14

Tgt Ion: 63 Resp: 170656
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.9 11.7
 100 4.5 2.4 7.1





#25

2-Butanone

Concen: 246.128 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010601.D

Acq: 01 Jul 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

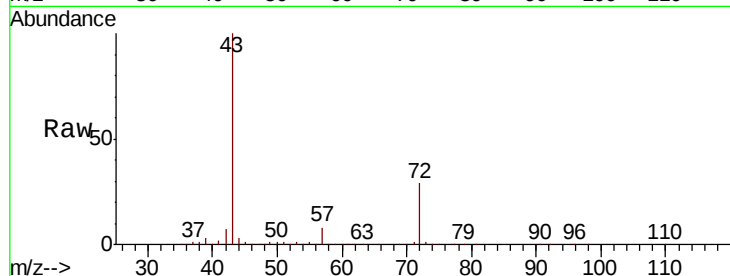
PK-10IMS

Tot Ion: 43 Resp: 378627

Ion Ratio Lower Upper

43 100

72 29.1 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.67

150000

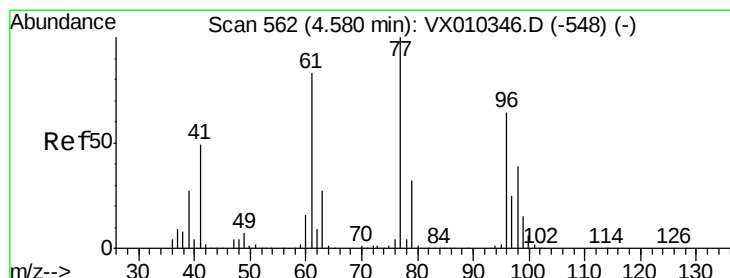
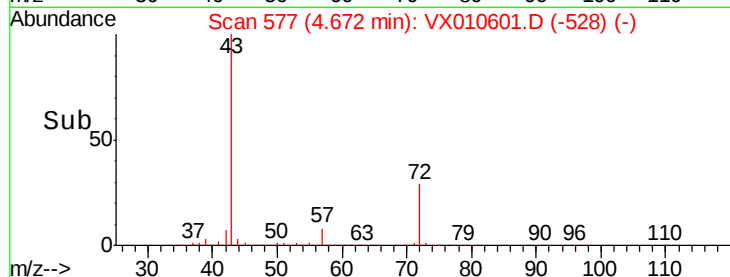
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 39.263 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX010601.D

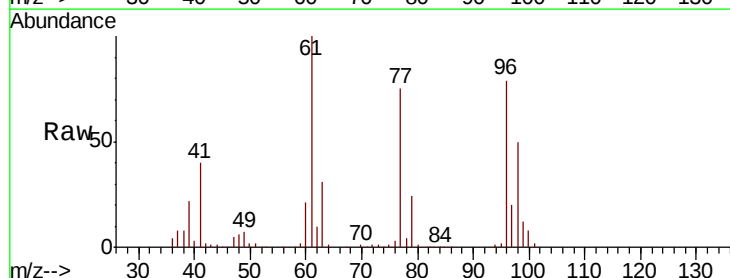
Acq: 01 Jul 2019 19:14

Tgt Ion: 77 Resp: 113208

Ion Ratio Lower Upper

77 100

97 27.3 13.1 39.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.59

40000

30000

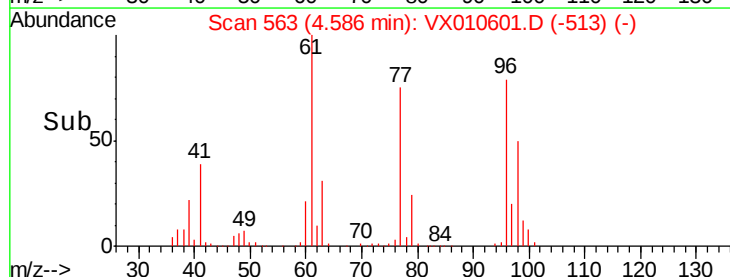
20000

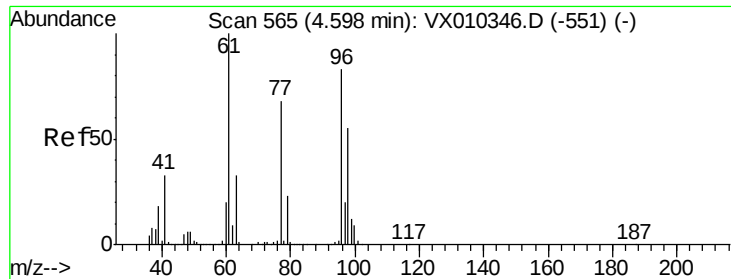
10000

0

4.50 4.60 4.70

Time-->



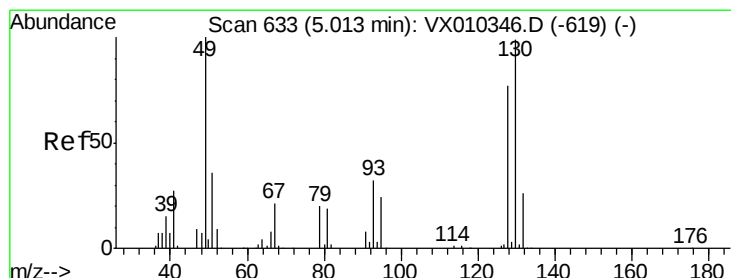
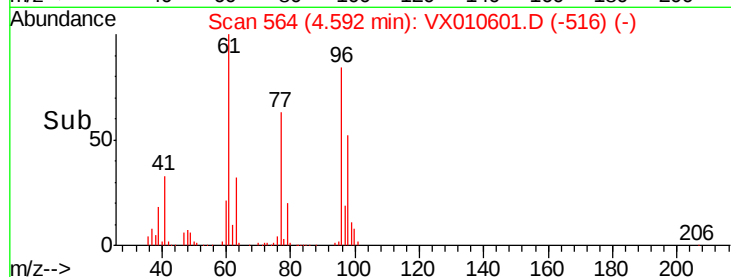
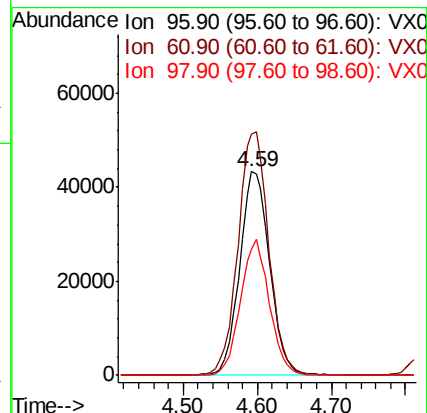
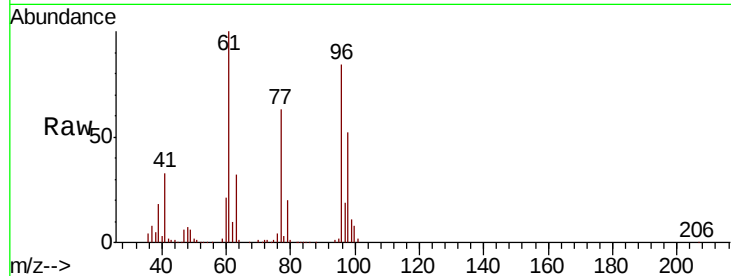


#27

cis-1,2-Dichloroethene
 Concen: 50.956 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX010601.D
 Acq: 01 Jul 2019 19:14

Instrument :
 MSVOA_X
 ClientSampleId :
 PK-10IMS

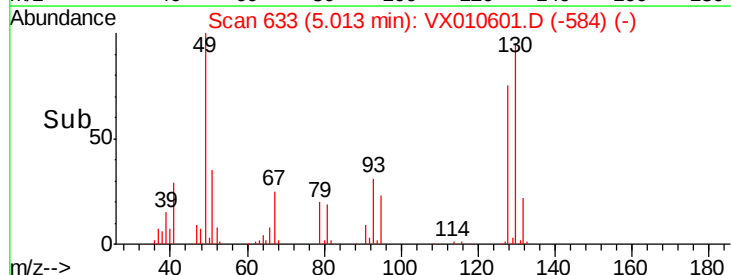
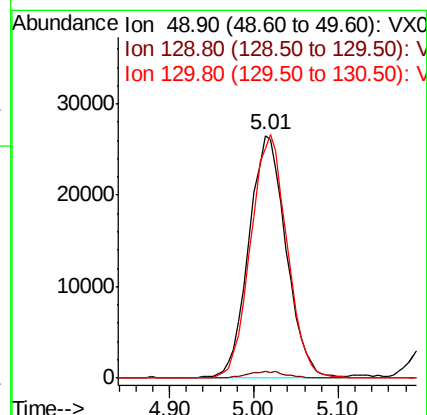
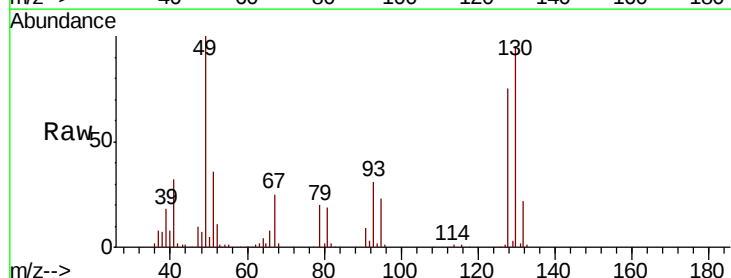
Tot Ion	Ratio	Lower	Upper
96	100		
61	123.2	0.0	251.8
98	64.3	0.0	129.4

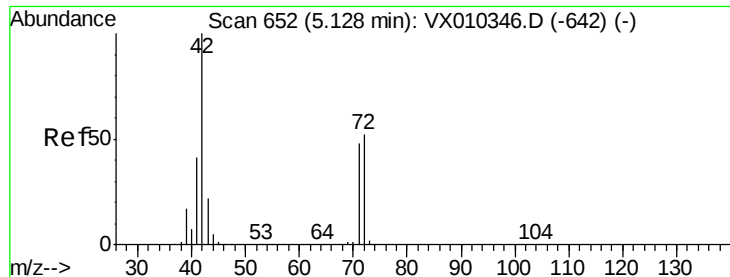


#28

Bromochloromethane
 Concen: 49.938 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VX010601.D
 Acq: 01 Jul 2019 19:14

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	5.6
130	98.8	81.4	122.0

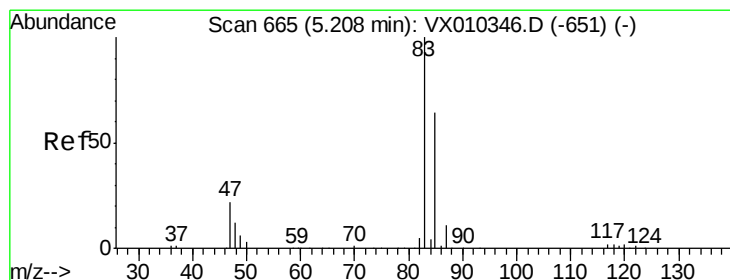
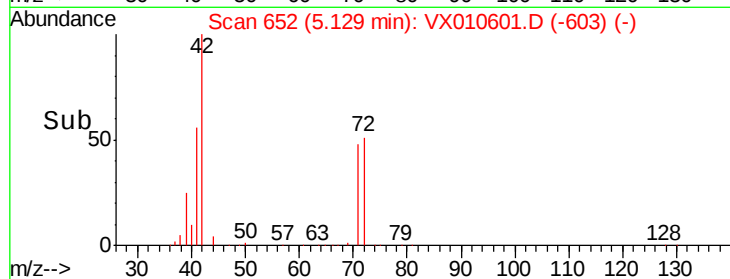
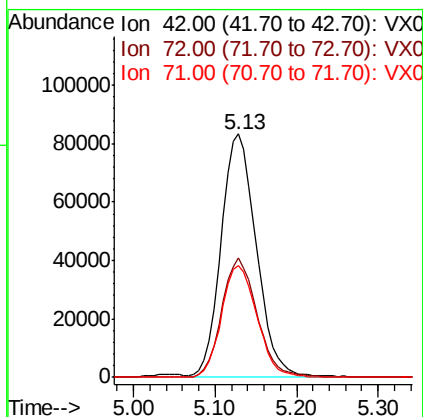
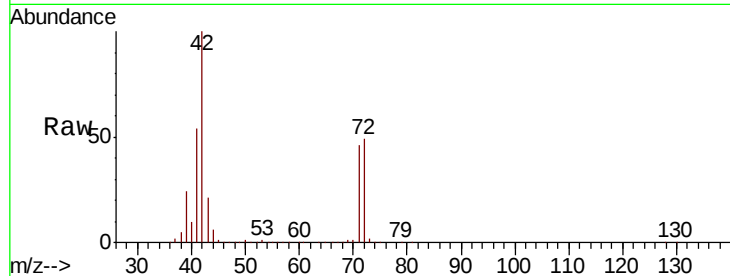




#29
Tetrahydrofuran
Concen: 259.422 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX010601.D
Acq: 01 Jul 2019 19:14

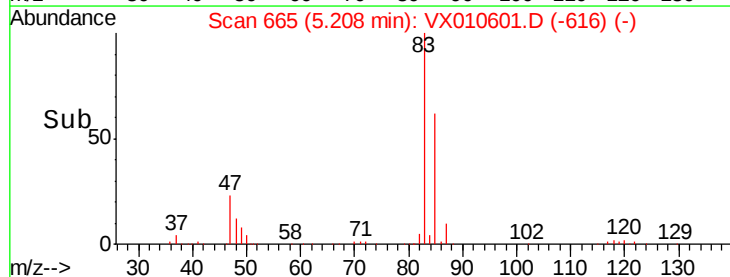
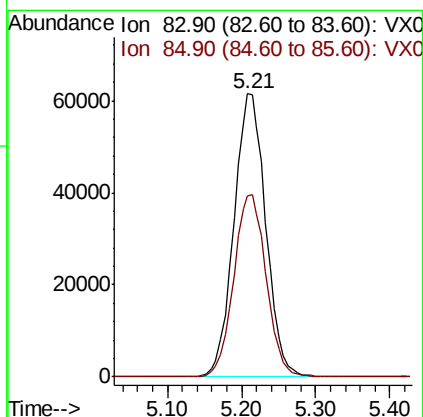
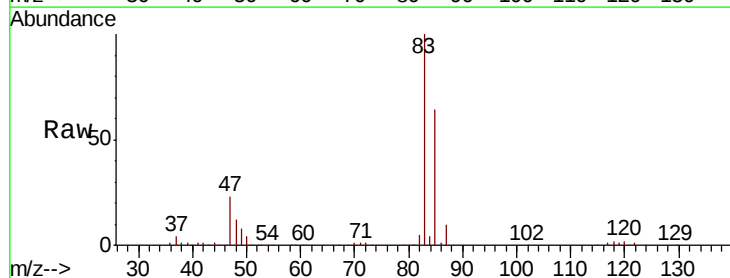
Instrument :
MSVOA_X
ClientSampleId :
PK-10IMS

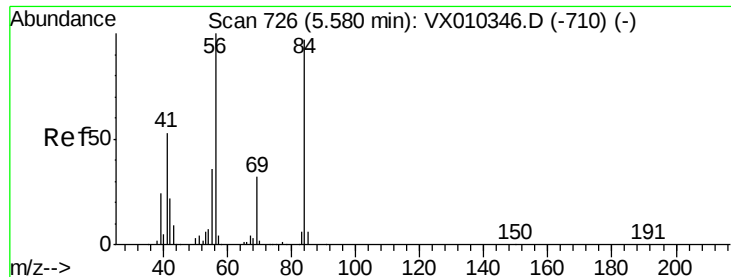
Tot Ion: 42 Resp: 247191
Ion Ratio Lower Upper
42 100
72 49.7 40.6 60.8
71 46.6 37.8 56.8



#30
Chloroform
Concen: 51.528 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX010601.D
Acq: 01 Jul 2019 19:14

Tgt Ion: 83 Resp: 184018
Ion Ratio Lower Upper
83 100
85 64.0 50.9 76.3





#31

Cyclohexane

Concen: 47.029 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010601.D

Acq: 01 Jul 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

PK-10IMS

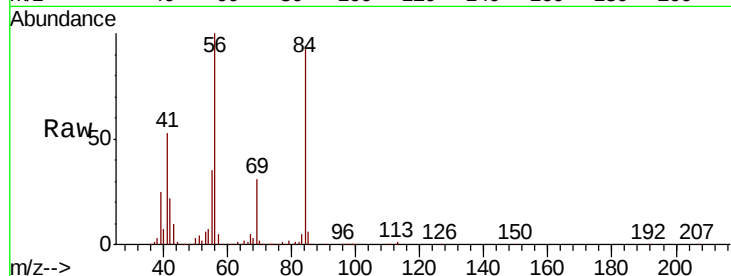
Tot Ion: 56 Resp: 142146

Ion Ratio Lower Upper

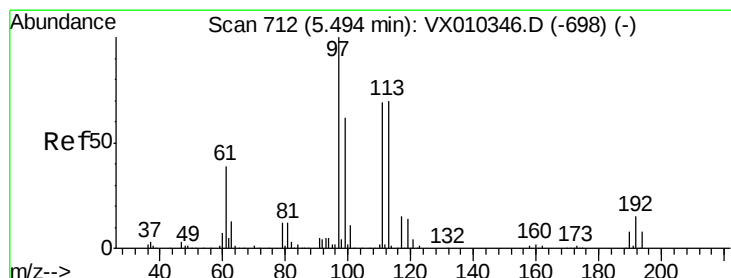
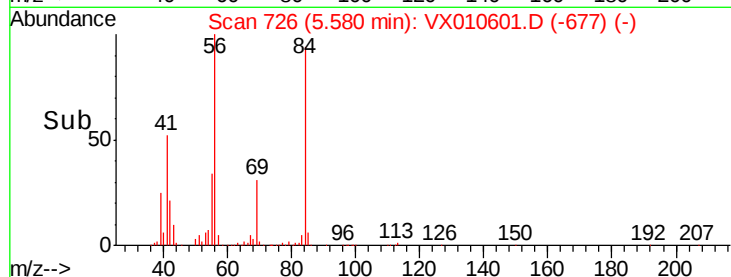
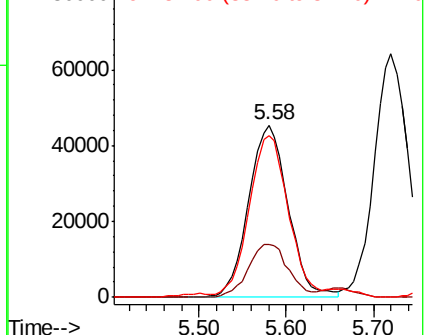
56 100

69 31.0 25.9 38.9

84 92.3 78.0 117.0



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



#32

1,1,1-Trichloroethane

Concen: 50.235 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX010601.D

Acq: 01 Jul 2019 19:14

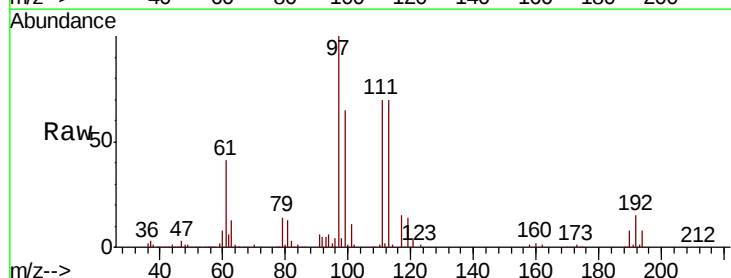
Tgt Ion: 97 Resp: 158409

Ion Ratio Lower Upper

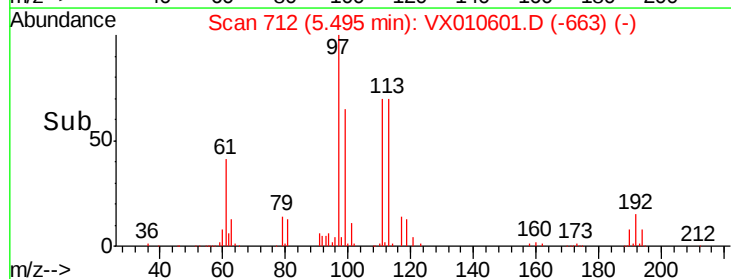
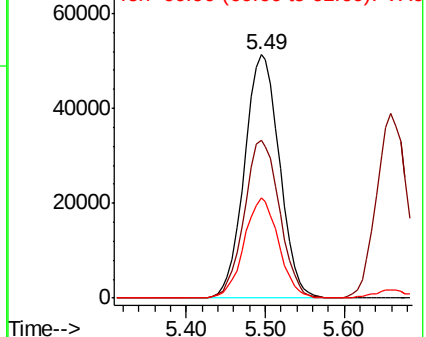
97 100

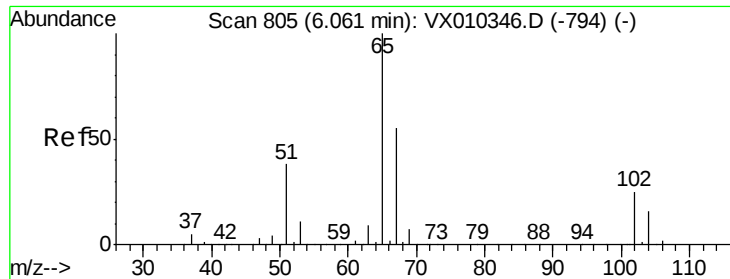
99 65.4 51.8 77.8

61 40.8 32.1 48.1



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





#33

1,2-Dichloroethane-d4

Concen: 52.767 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010601.D

Acq: 01 Jul 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

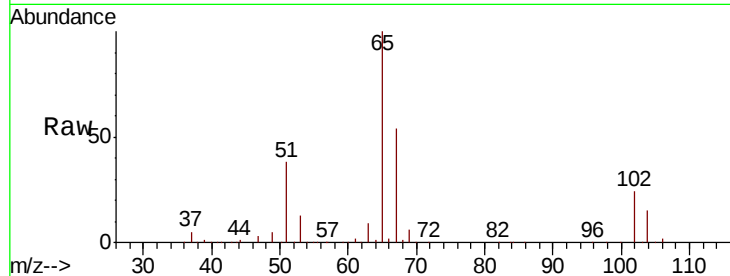
PK-10IMS

Tot Ion: 65 Resp: 110416

Ion Ratio Lower Upper

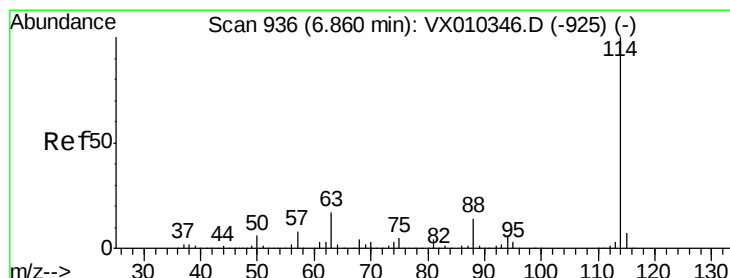
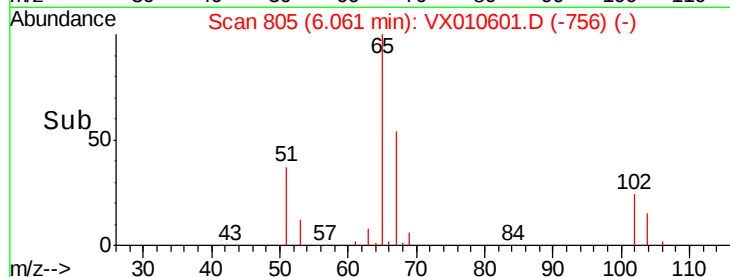
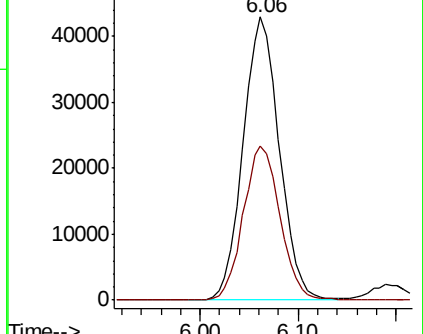
65 100

67 55.3 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010601.D

Acq: 01 Jul 2019 19:14

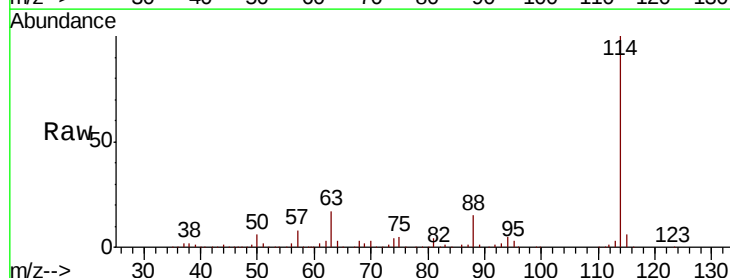
Tgt Ion: 114 Resp: 340339

Ion Ratio Lower Upper

114 100

63 17.0 0.0 33.8

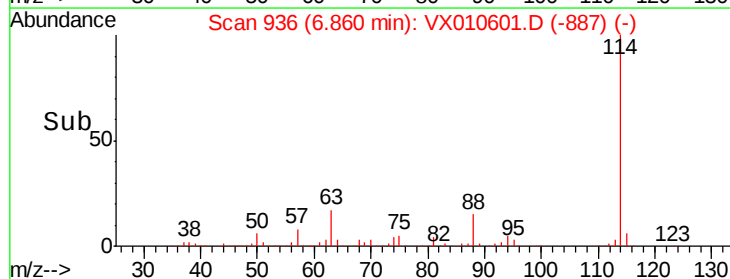
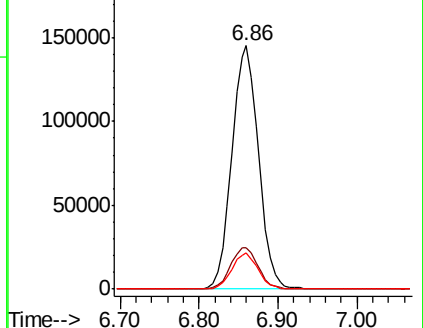
88 15.1 0.0 27.6

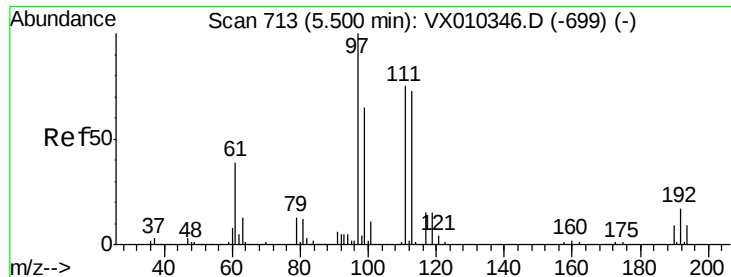


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 51.006 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010601.D

Acq: 01 Jul 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

PK-10IMS

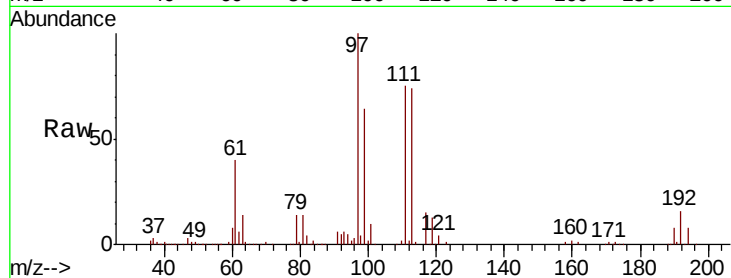
Tot Ion:113 Resp: 106211

Ion Ratio Lower Upper

113 100

111 102.5 81.2 121.8

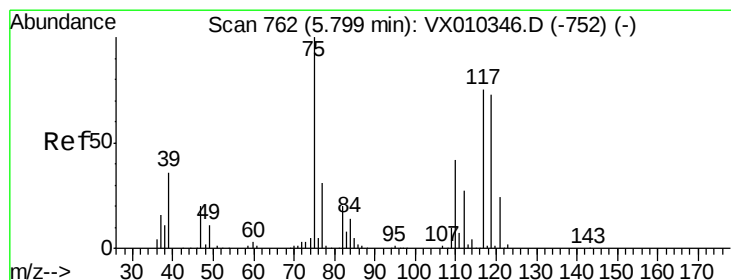
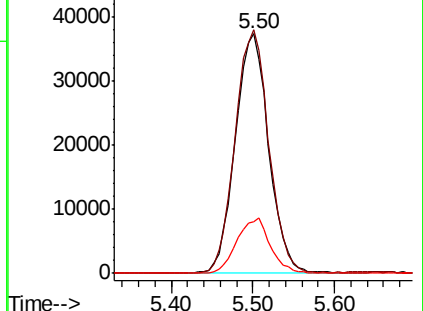
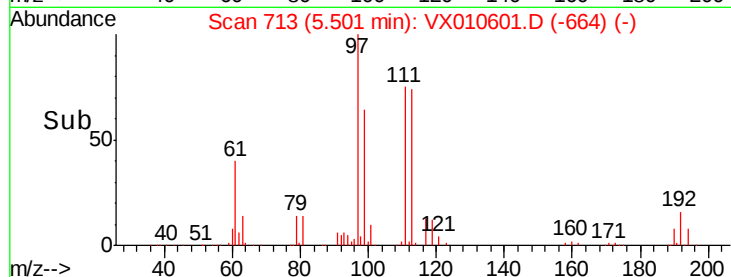
192 22.9 18.6 27.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 47.200 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX010601.D

Acq: 01 Jul 2019 19:14

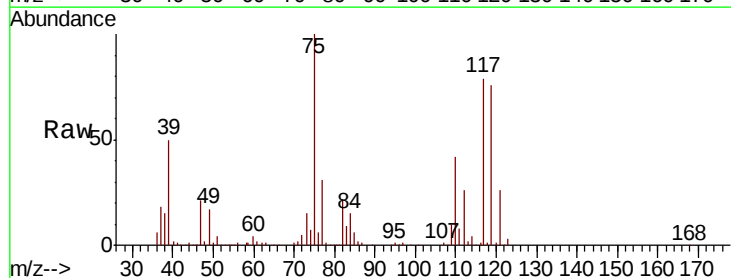
Tgt Ion: 75 Resp: 127653

Ion Ratio Lower Upper

75 100

110 40.8 20.8 62.2

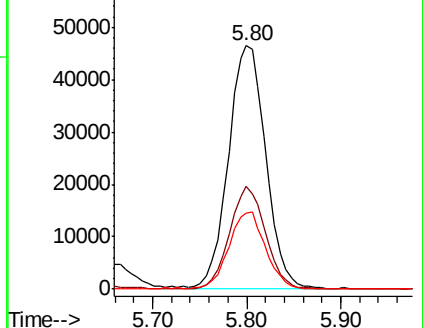
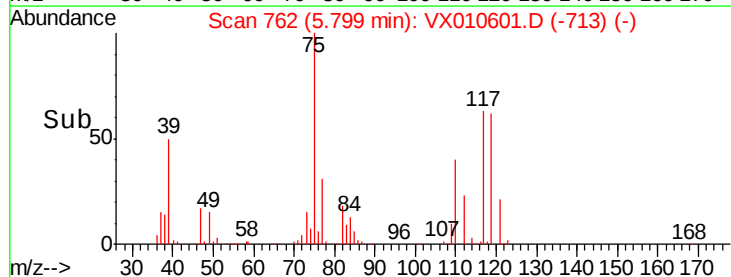
77 31.6 25.4 38.0

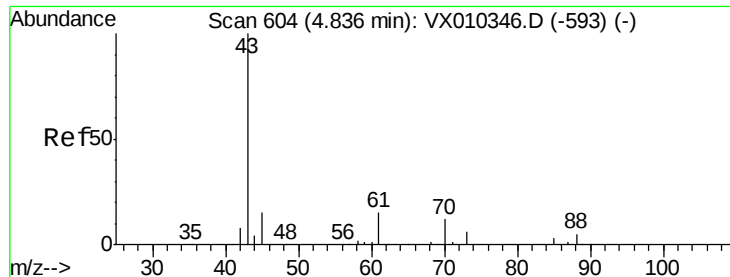


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 45.768 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX010601.D

Acq: 01 Jul 2019 19:14

Instrument :

MSVOA_X

ClientSampled :

PK-10IMS

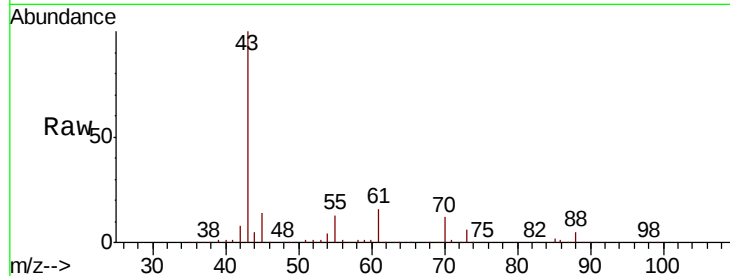
Tot Ion: 43 Resp: 127341

Ion Ratio Lower Upper

43 100

61 16.1 12.4 18.6

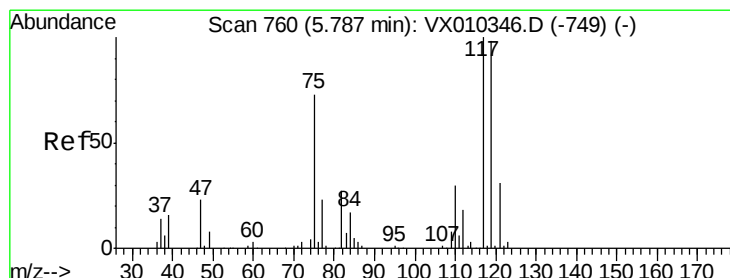
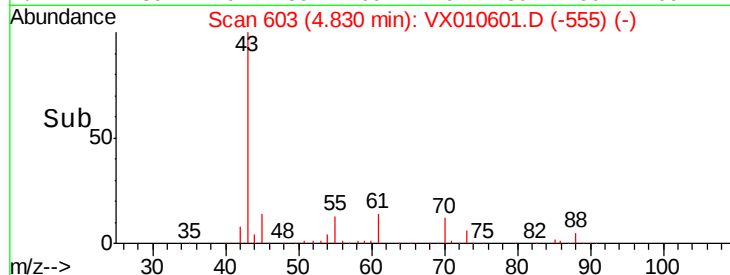
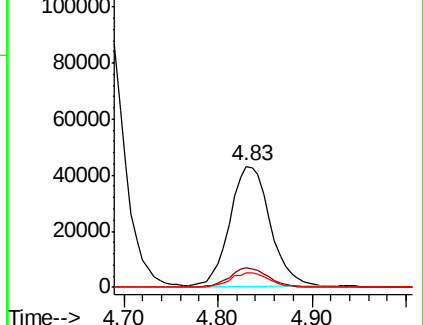
70 12.0 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 47.137 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX010601.D

Acq: 01 Jul 2019 19:14

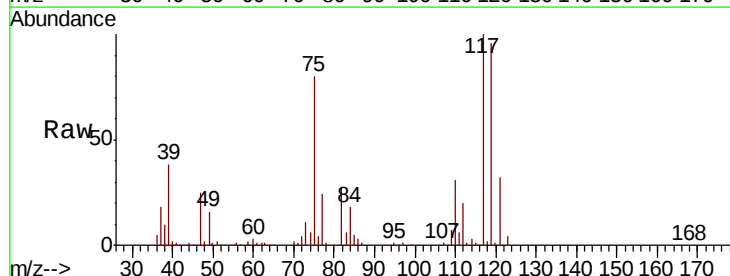
Tgt Ion: 117 Resp: 138048

Ion Ratio Lower Upper

117 100

119 96.1 78.2 117.4

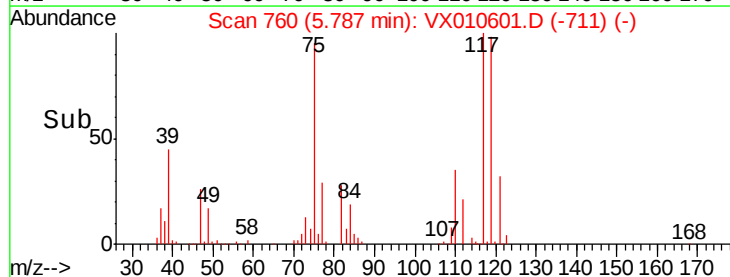
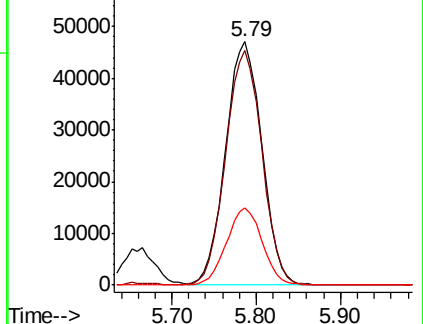
121 31.8 24.7 37.1

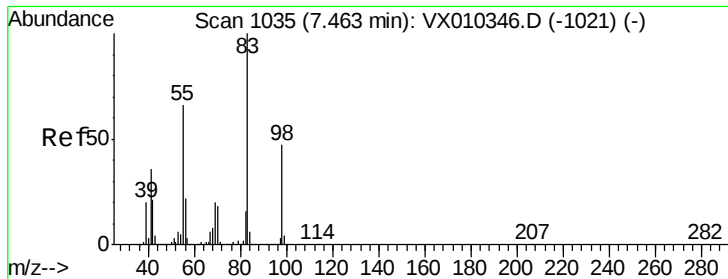


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

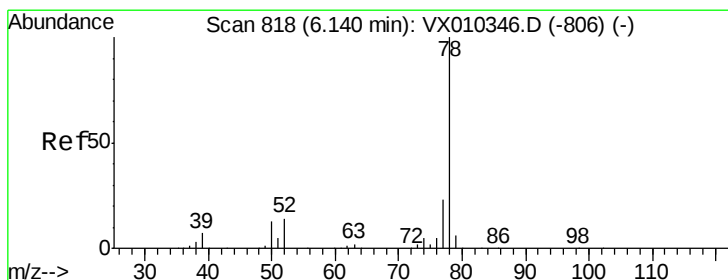
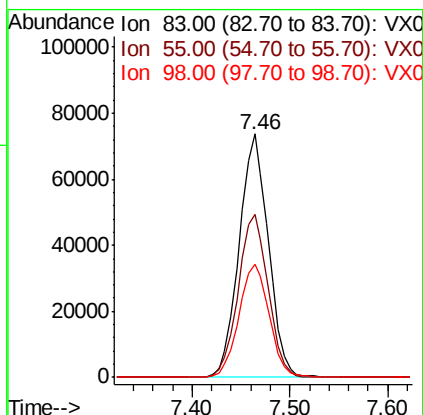
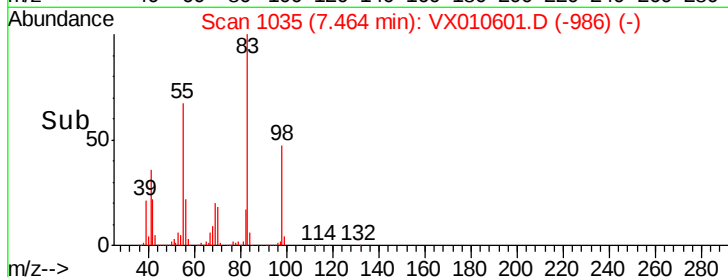
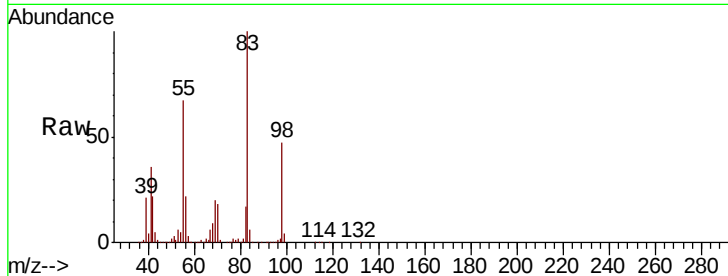




#39
Methvlcvclohexane
Concen: 42.900 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010601.D
Acq: 01 Jul 2019 19:14

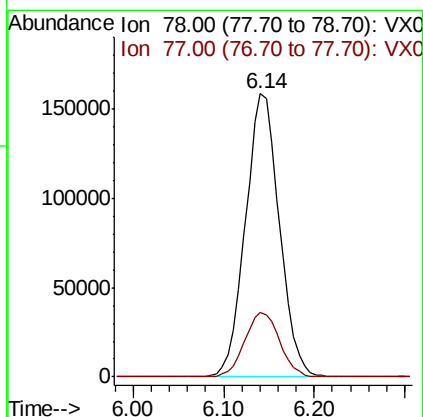
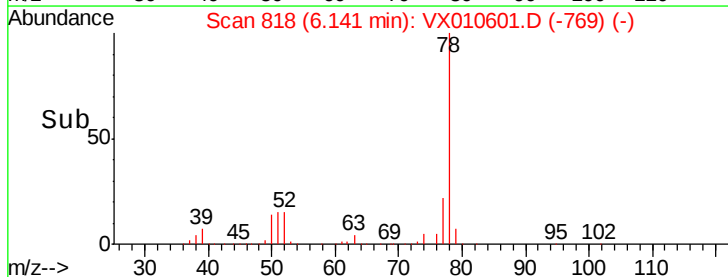
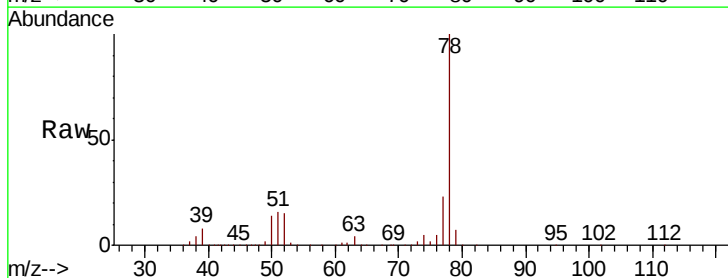
Instrument :
MSVOA_X
ClientSampleId :
PK-10IMS

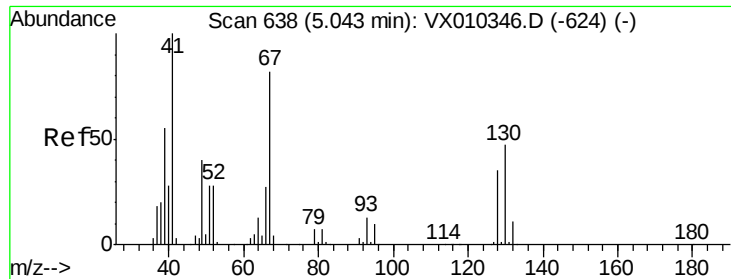
Tot Ion: 83 Resp: 152512
Ion Ratio Lower Upper
83 100
55 66.9 53.0 79.6
98 46.7 37.8 56.8



#40
Benzene
Concen: 48.853 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010601.D
Acq: 01 Jul 2019 19:14

Tgt Ion: 78 Resp: 411625
Ion Ratio Lower Upper
78 100
77 22.9 18.6 28.0

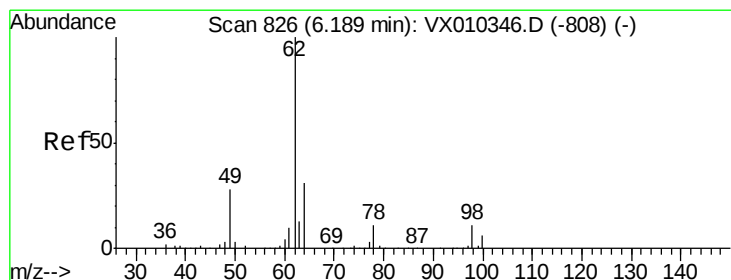
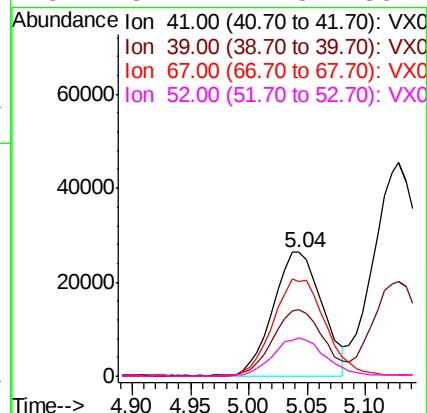
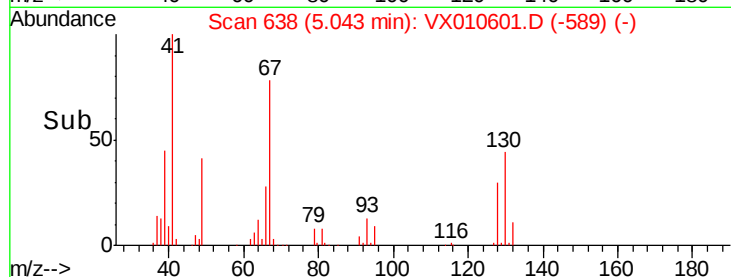
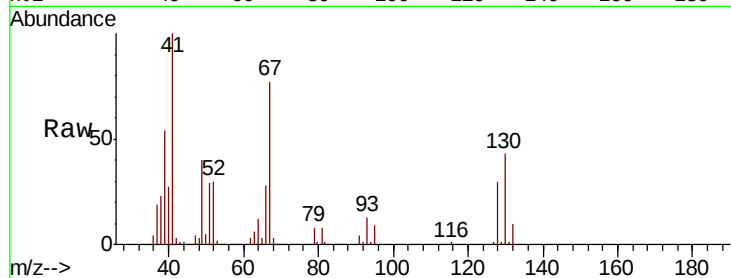




#41
Methacrylonitrile
Concen: 50.503 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX010601.D
Acq: 01 Jul 2019 19:14

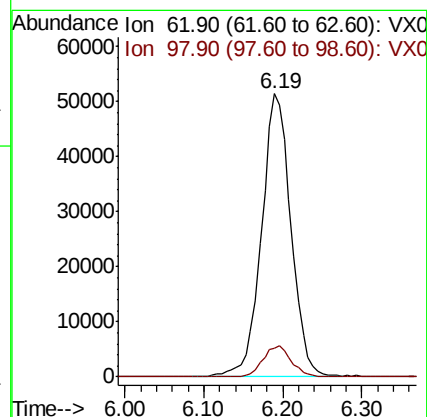
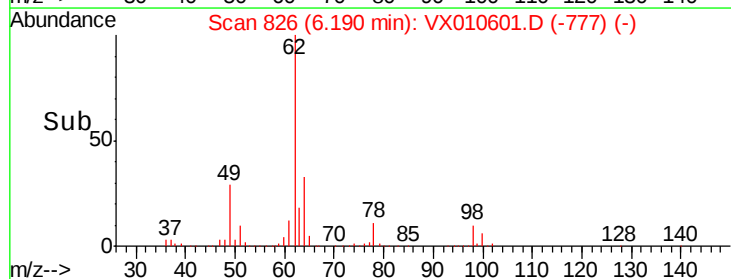
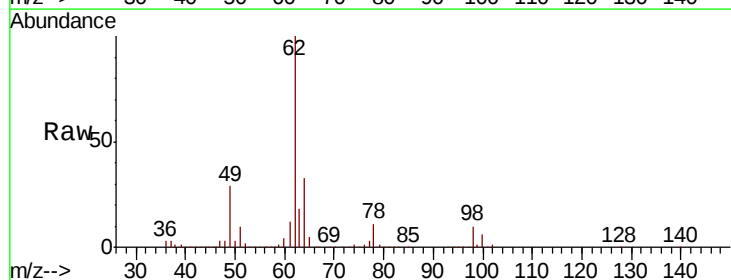
Instrument :
MSVOA_X
ClientSampleId :
PK-10IMS

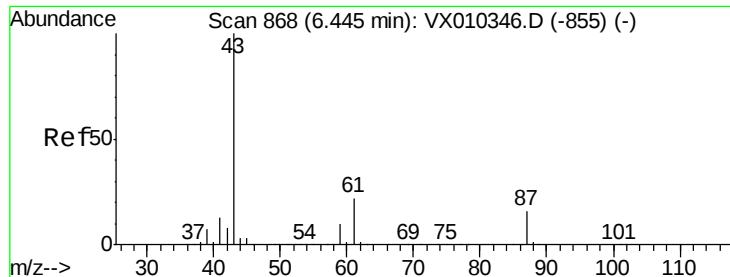
Tot Ion:	41	Resp:	77098
Ion	Ratio	Lower	Upper
41	100		
39	54.9	43.8	65.8
67	84.2	66.6	100.0
52	32.2	24.5	36.7



#42
1,2-Dichloroethane
Concen: 51.782 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX010601.D
Acq: 01 Jul 2019 19:14

Tgt Ion:	62	Resp:	132812
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	22.2





#43

Isopropyl Acetate

Concen: 48.121 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX010601.D

Acq: 01 Jul 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

PK-10IMS

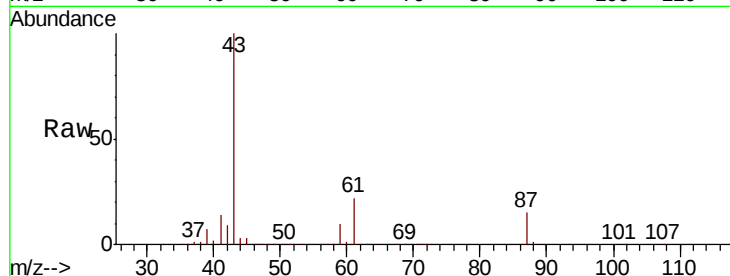
Tot Ion: 43 Resp: 221512

Ion Ratio Lower Upper

43 100

61 21.2 17.8 26.6

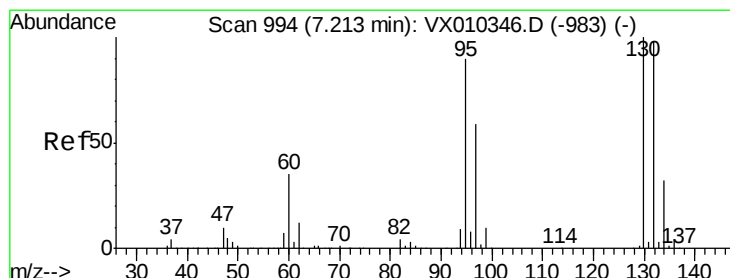
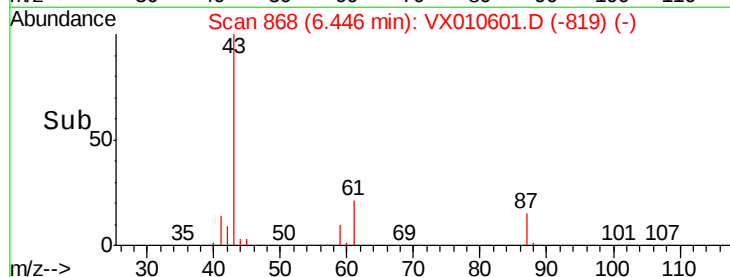
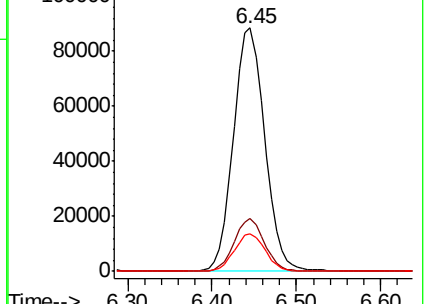
87 15.3 13.0 19.4



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: 47.769 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX010601.D

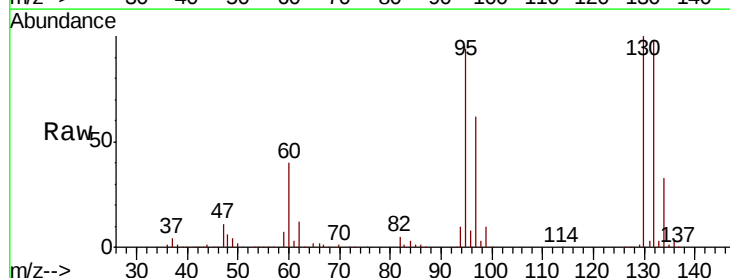
Acq: 01 Jul 2019 19:14

Tgt Ion:130 Resp: 120437

Ion Ratio Lower Upper

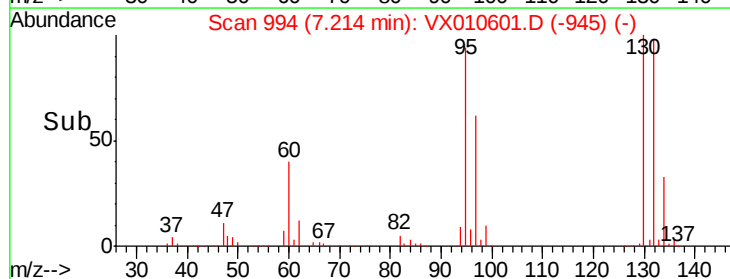
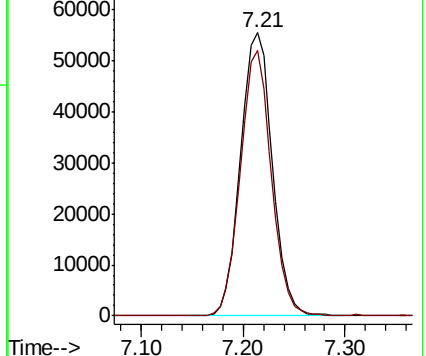
130 100

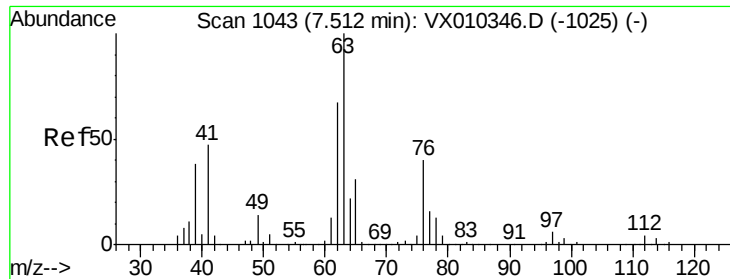
95 93.7 0.0 180.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

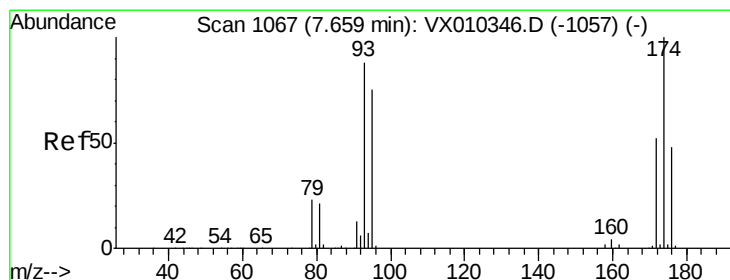
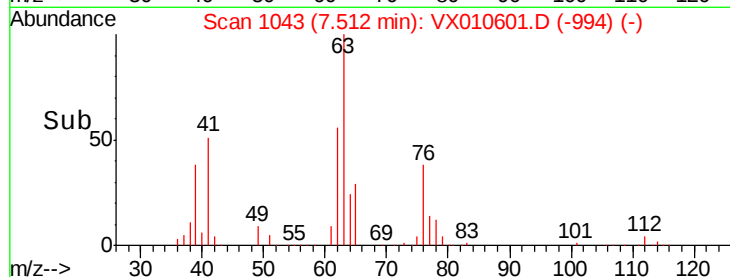
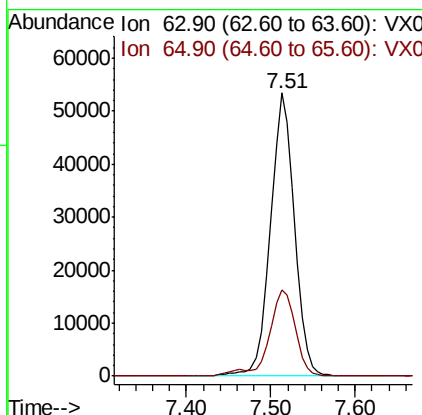
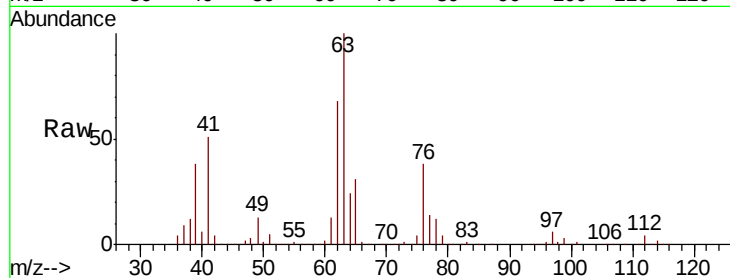




#45
 1,2-Dichloropropane
 Concen: 49.662 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX010601.D
 Acq: 01 Jul 2019 19:14

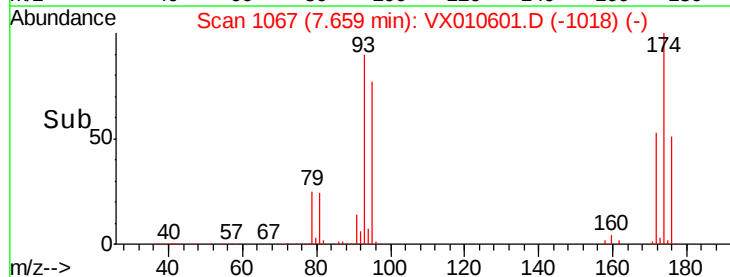
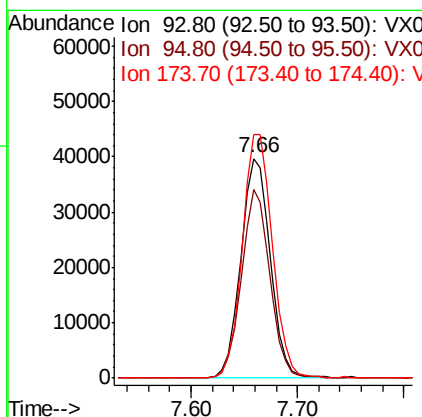
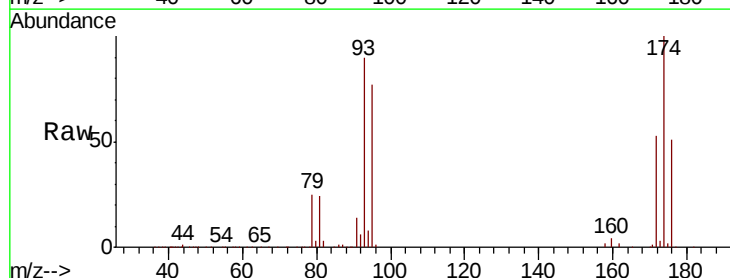
Instrument :
 MSVOA_X
 ClientSampleId :
 PK-10IMS

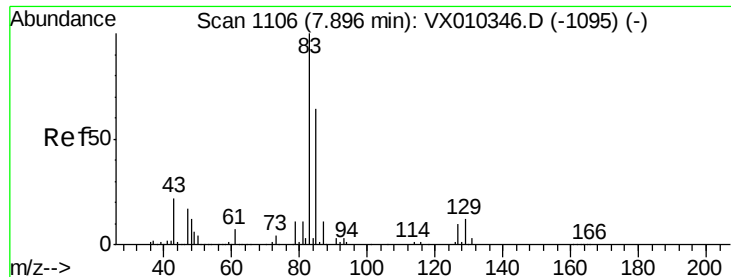
Tot Ion: 63 Resp: 105670
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.8 37.2



#46
 Dibromomethane
 Concen: 50.551 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX010601.D
 Acq: 01 Jul 2019 19:14

Tgt Ion: 93 Resp: 77172
 Ion Ratio Lower Upper
 93 100
 95 83.0 67.5 101.3
 174 113.8 95.8 143.6





#47

Bromodichloromethane

Concen: 49.544 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010601.D

Acq: 01 Jul 2019 19:14

Instrument :

MSVOA_X

ClientSampled :

PK-10IMS

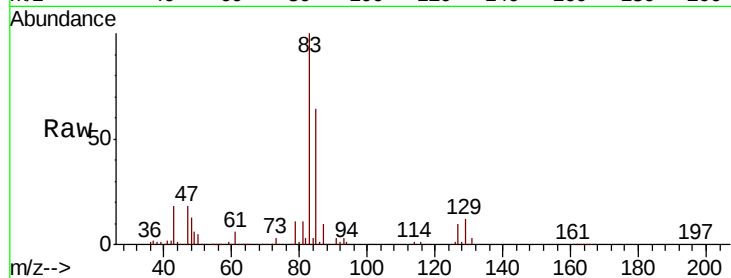
Tot Ion: 83 Resp: 138611

Ion Ratio Lower Upper

83 100

85 64.0 51.5 77.3

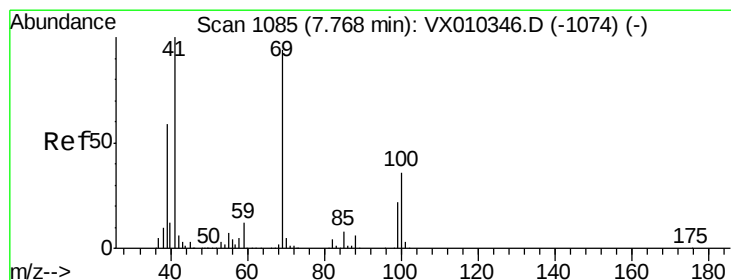
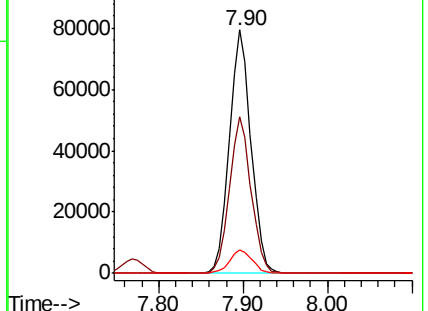
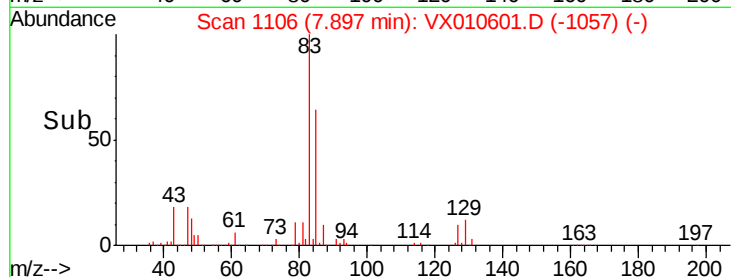
127 9.6 7.8 11.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 51.661 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX010601.D

Acq: 01 Jul 2019 19:14

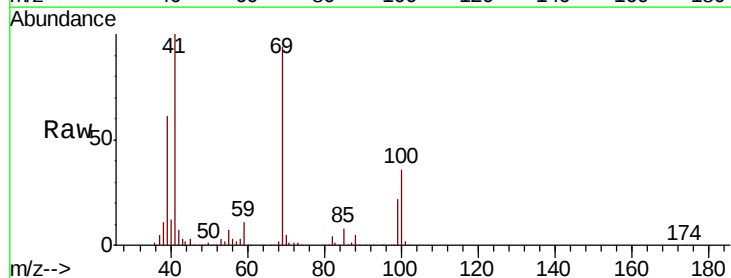
Tgt Ion: 41 Resp: 110537

Ion Ratio Lower Upper

41 100

69 95.0 76.1 114.1

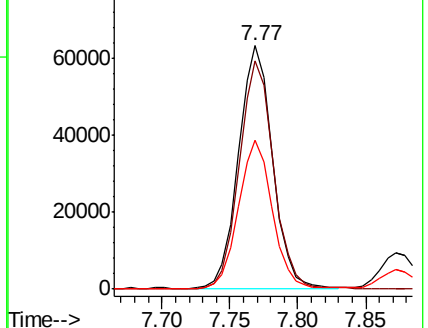
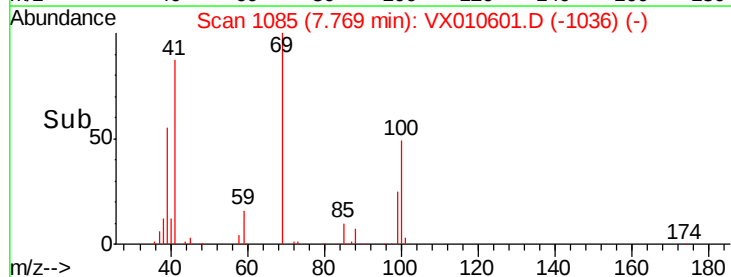
39 60.7 47.6 71.4

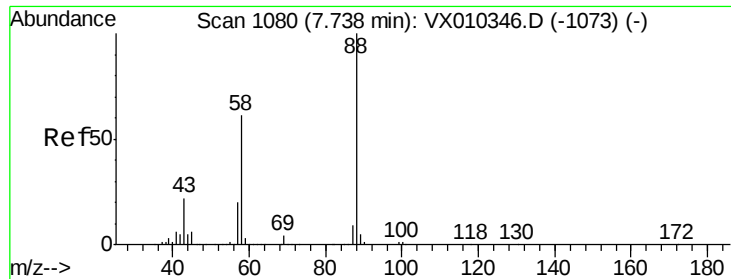


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

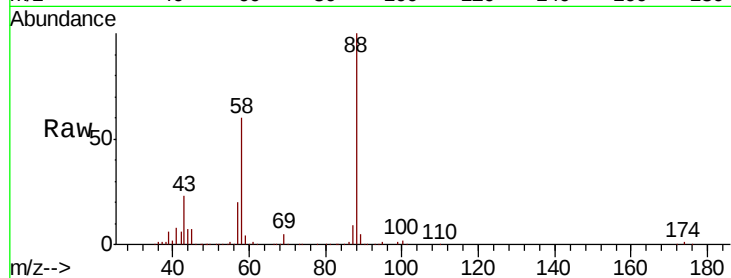




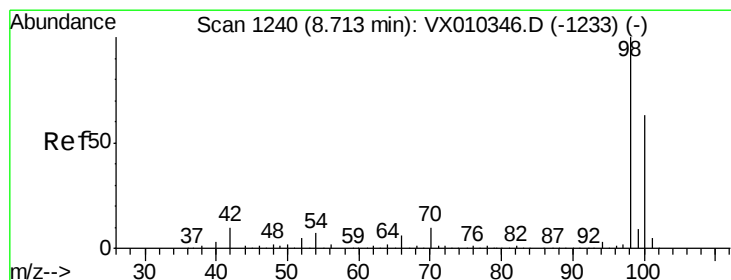
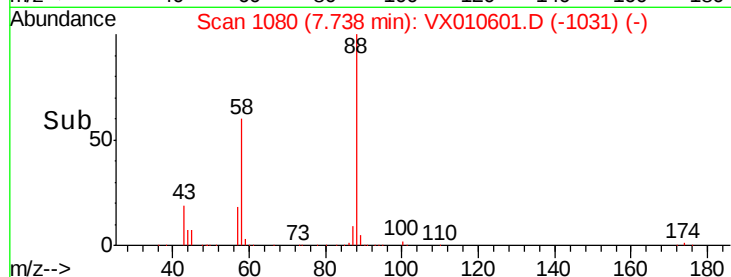
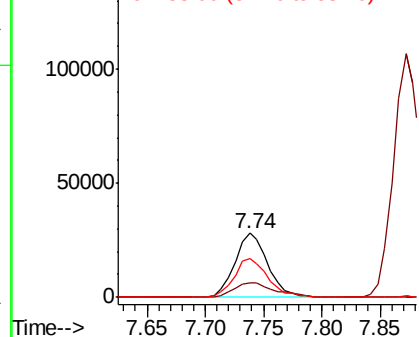
#49
1,4-Dioxane
Concen: 891.184 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX010601.D
Acq: 01 Jul 2019 19:14

Instrument :
MSVOA_X
ClientSampled :
PK-10IMS

Tot Ion: 88 Resp: 54931
Ion Ratio Lower Upper
88 100
43 27.4 20.2 30.2
58 62.5 49.5 74.3

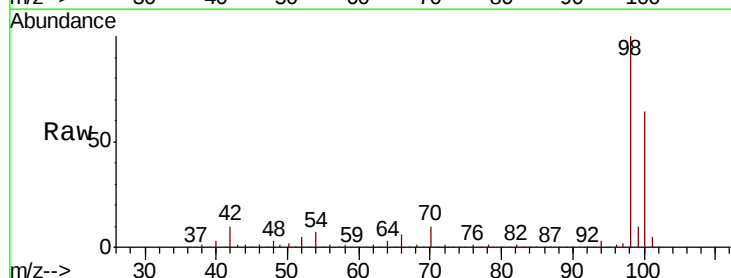


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

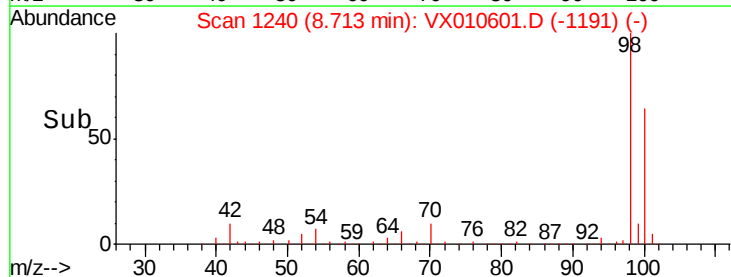
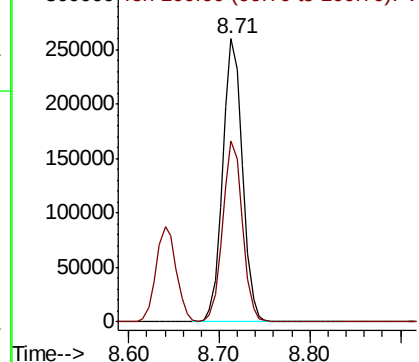


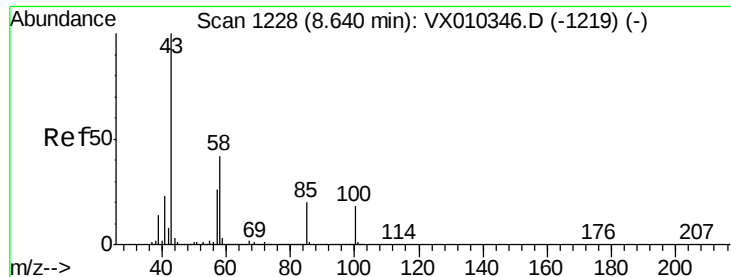
#50
Toluene-d8
Concen: 49.621 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010601.D
Acq: 01 Jul 2019 19:14

Tgt Ion: 98 Resp: 395306
Ion Ratio Lower Upper
98 100
100 63.8 51.6 77.4



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

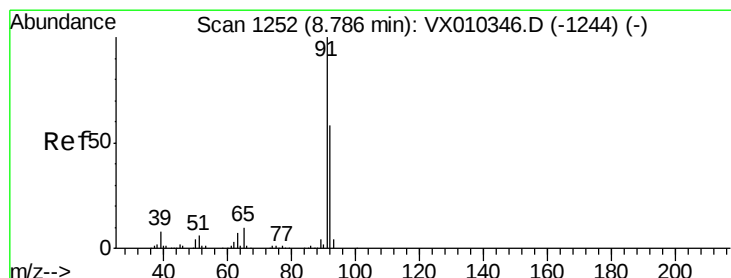
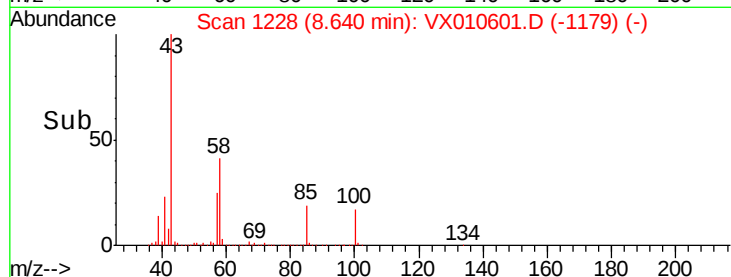
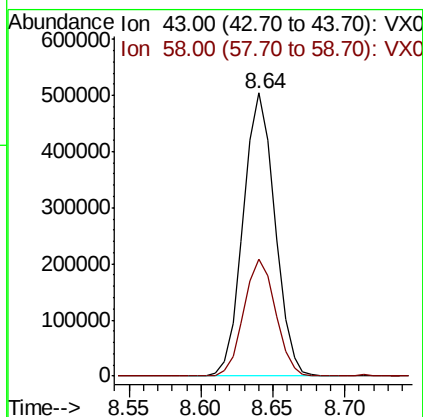
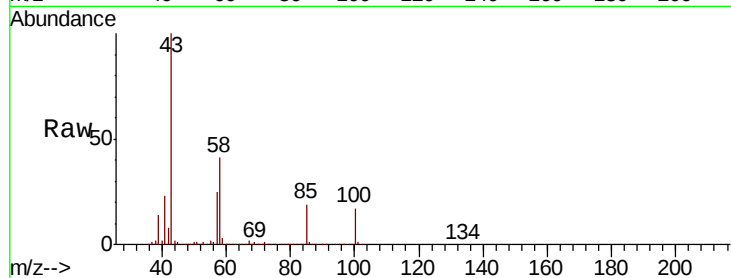




#51
 4-Methyl-2-Pentanone
 Concen: 261.013 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VX010601.D
 Acq: 01 Jul 2019 19:14

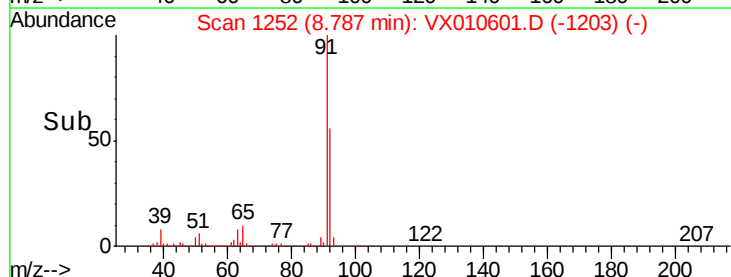
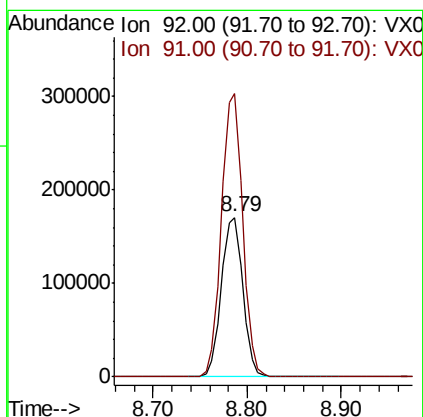
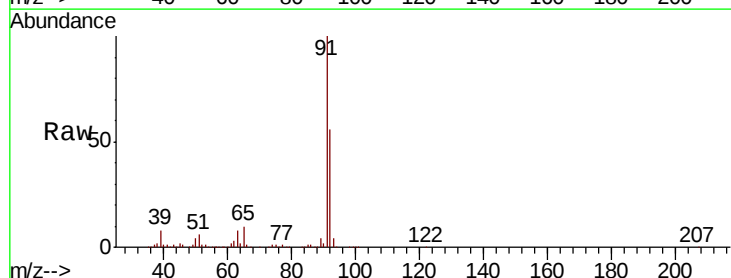
Instrument :
 MSVOA_X
 ClientSampled :
 PK-10IMS

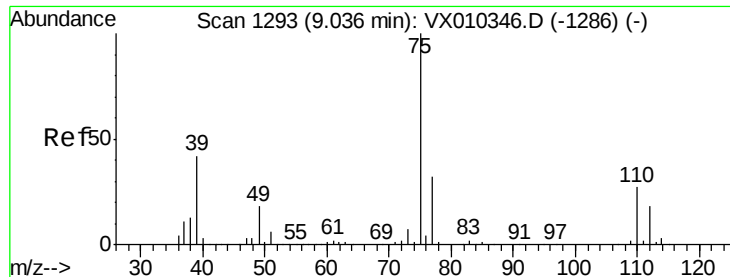
Tot Ion: 43 Resp: 768442
 Ion Ratio Lower Upper
 43 100
 58 41.3 33.5 50.3



#52
 Toluene
 Concen: 48.691 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VX010601.D
 Acq: 01 Jul 2019 19:14

Tgt Ion: 92 Resp: 270173
 Ion Ratio Lower Upper
 92 100
 91 175.8 139.8 209.6





#53

t-1,3-Dichloropropene

Concen: 46.676 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VX010601.D

Acq: 01 Jul 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

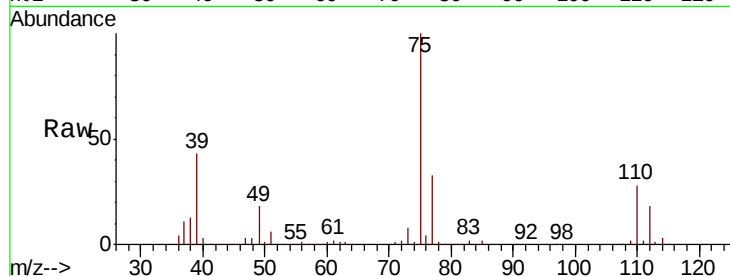
PK-10IMS

Tot Ion: 75 Resp: 146406

Ion Ratio Lower Upper

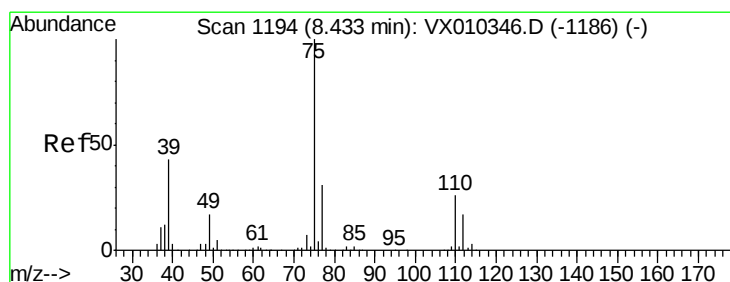
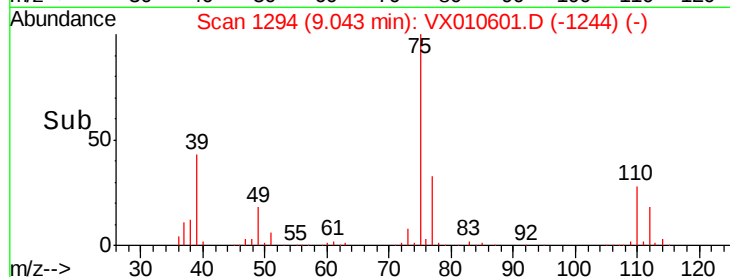
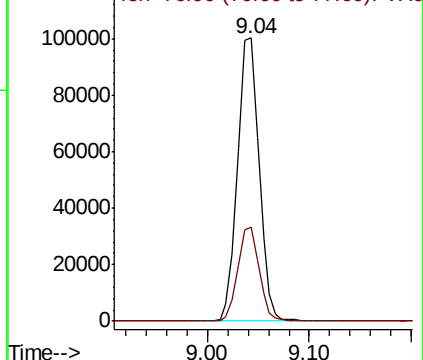
75 100

77 33.2 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 47.732 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX010601.D

Acq: 01 Jul 2019 19:14

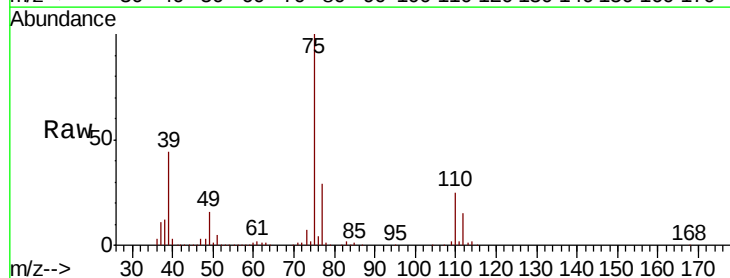
Tgt Ion: 75 Resp: 162700

Ion Ratio Lower Upper

75 100

77 28.9 25.2 37.8

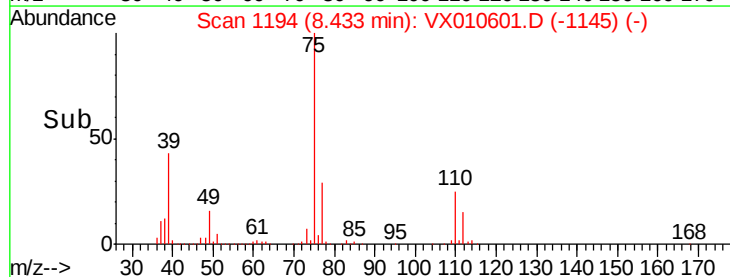
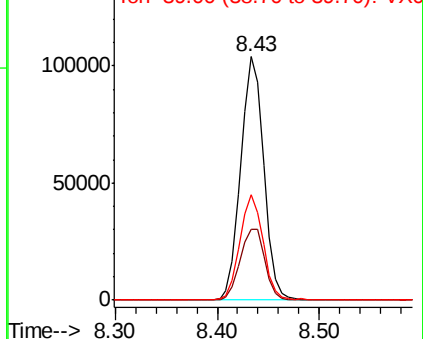
39 43.4 34.5 51.7

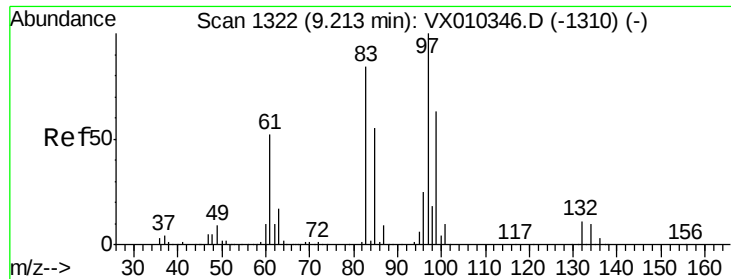


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 50.516 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX010601.D

Acq: 01 Jul 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

PK-10IMS

Tot Ion: 97 Resp: 115602

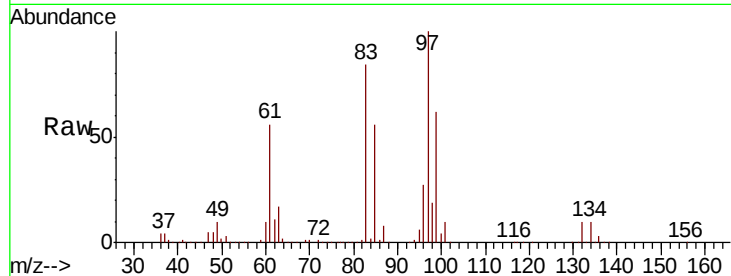
Ion Ratio Lower Upper

97 100

83 84.2 67.4 101.0

85 56.1 43.8 65.8

99 61.5 50.3 75.5

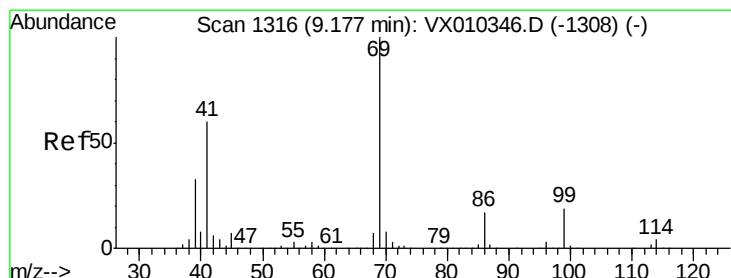
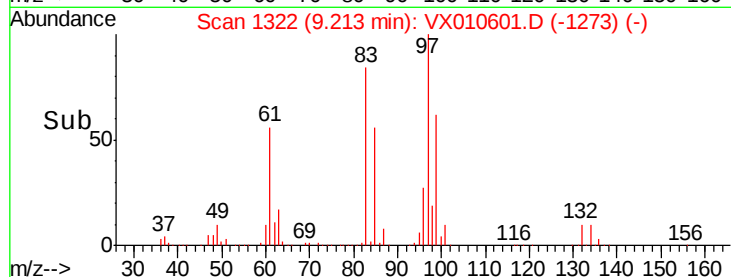
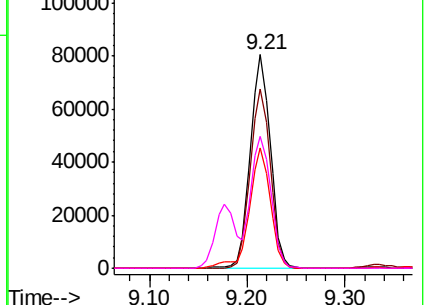


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 50.988 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX010601.D

Acq: 01 Jul 2019 19:14

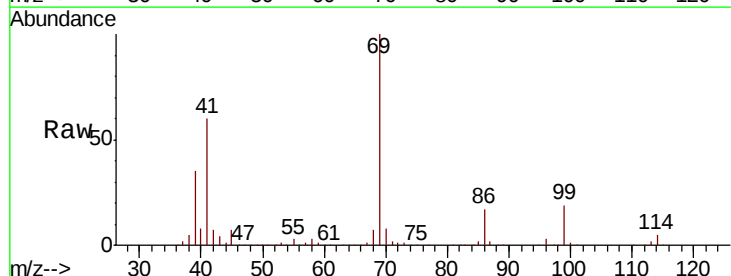
Tgt Ion: 69 Resp: 176757

Ion Ratio Lower Upper

69 100

41 60.0 47.1 70.7

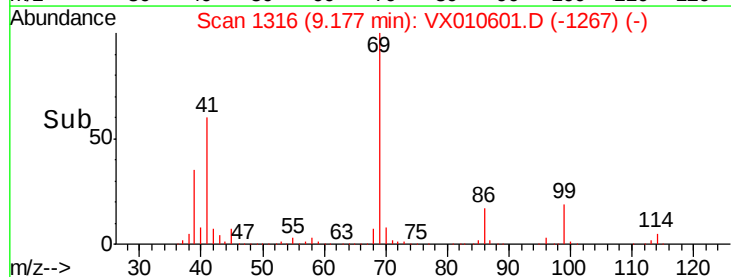
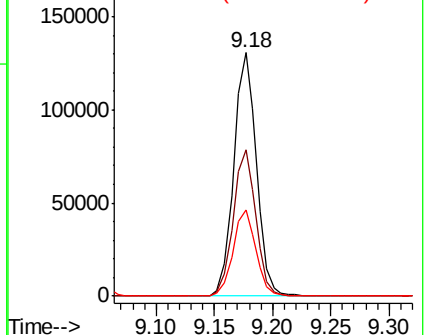
39 35.1 26.6 40.0

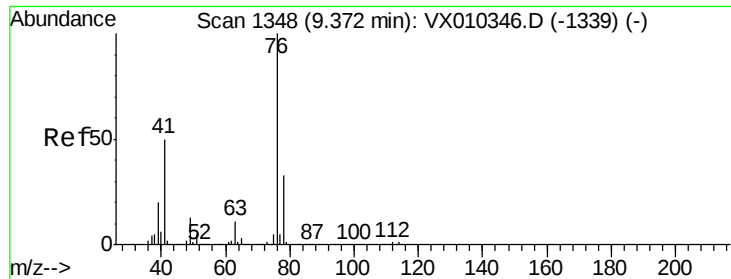


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

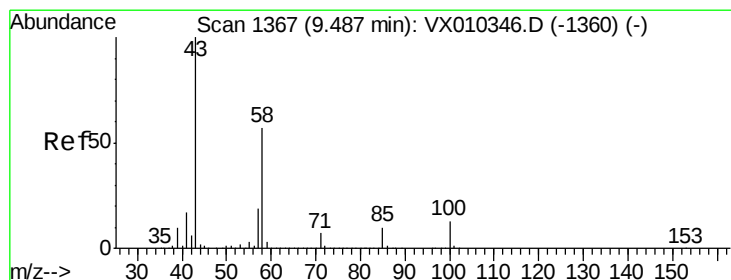
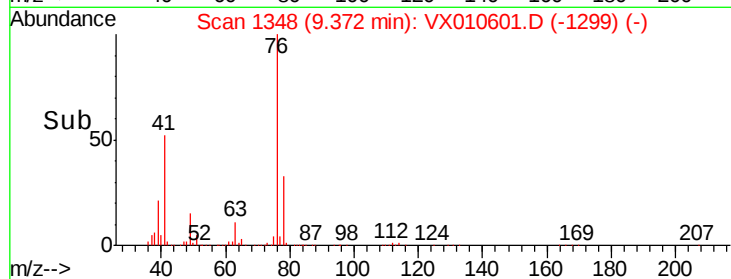
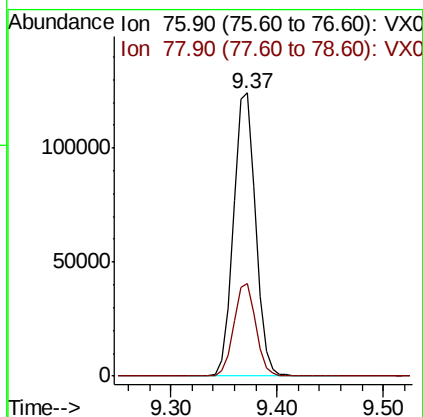
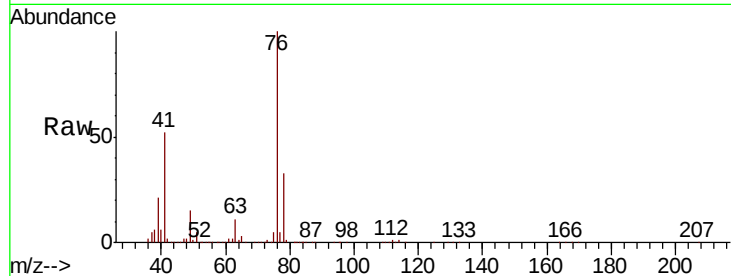




#57
 1,3-Dichloropropane
 Concen: 51.081 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX010601.D
 Acq: 01 Jul 2019 19:14

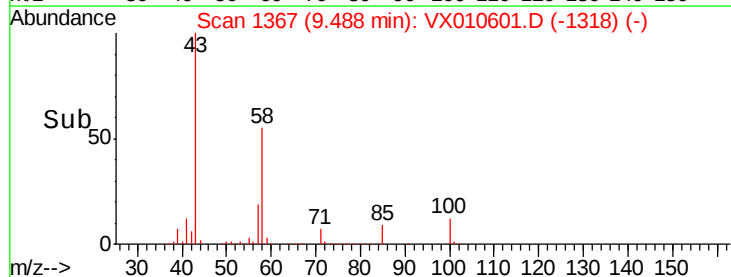
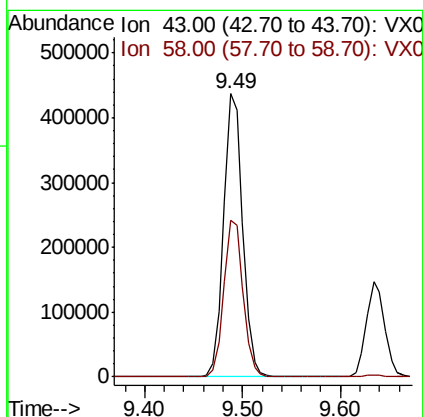
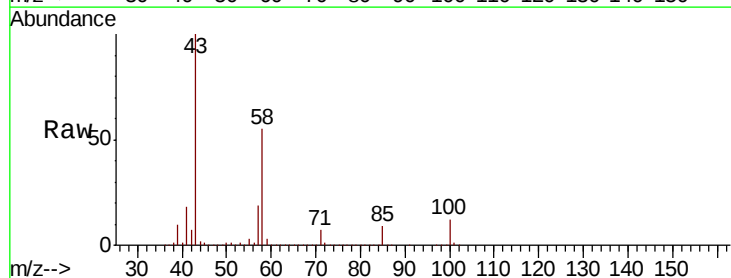
Instrument :
 MSVOA_X
 ClientSampled :
 PK-10IMS

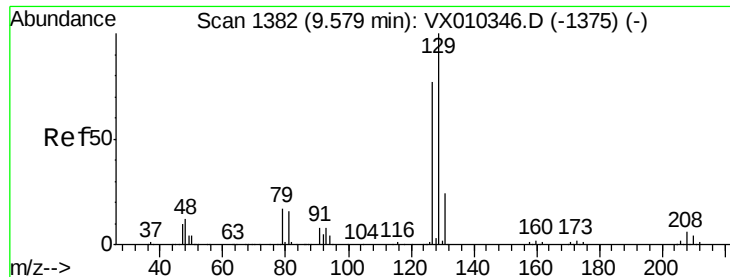
Tot Ion: 76 Resp: 181454
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.1 39.1



#59
 2-Hexanone
 Concen: 254.620 ug/l
 RT: 9.49 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: VX010601.D
 Acq: 01 Jul 2019 19:14

Tgt Ion: 43 Resp: 589978
 Ion Ratio Lower Upper
 43 100
 58 56.2 29.0 87.1





#60

Dibromochloromethane

Concen: 48.507 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VX010601.D

Acq: 01 Jul 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

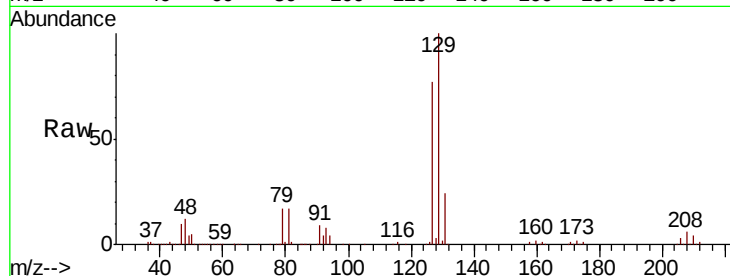
PK-10IMS

Tot Ion:129 Resp: 124288

Ion Ratio Lower Upper

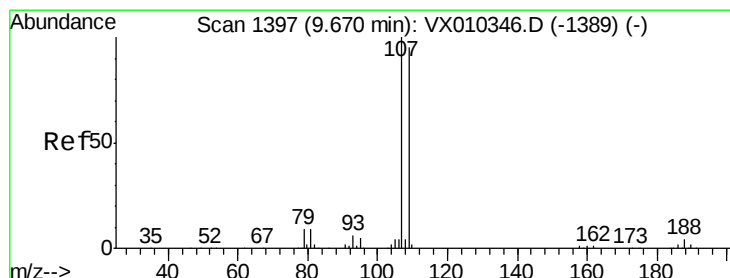
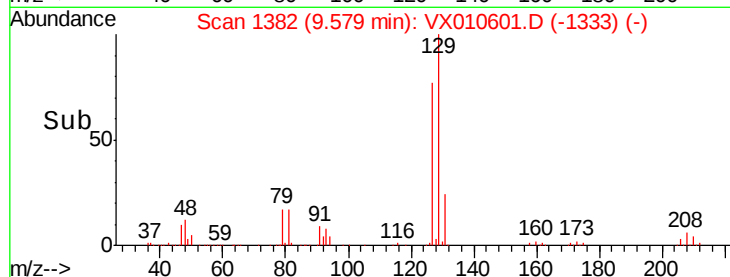
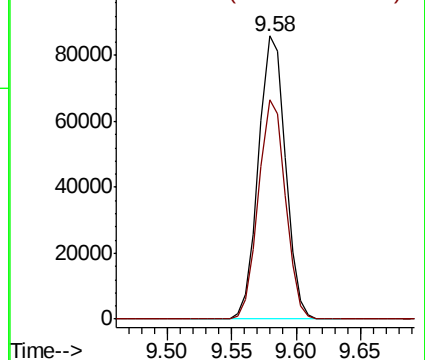
129 100

127 77.6 38.4 115.1



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 50.557 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010601.D

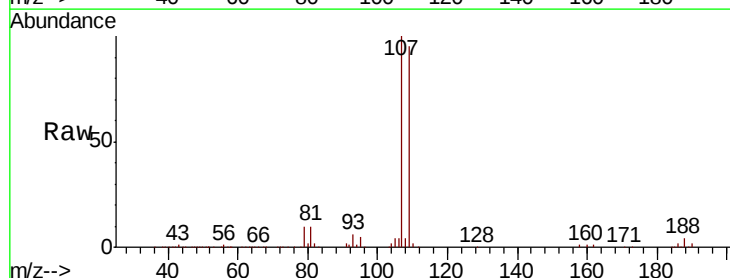
Acq: 01 Jul 2019 19:14

Tgt Ion:107 Resp: 124881

Ion Ratio Lower Upper

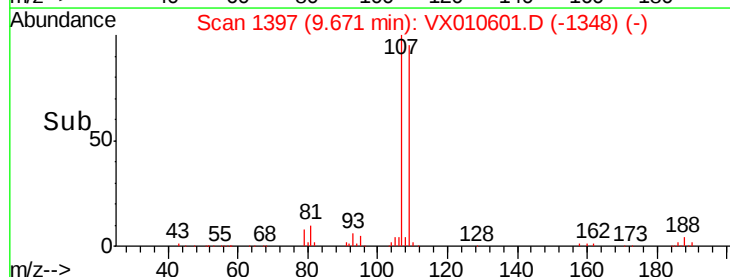
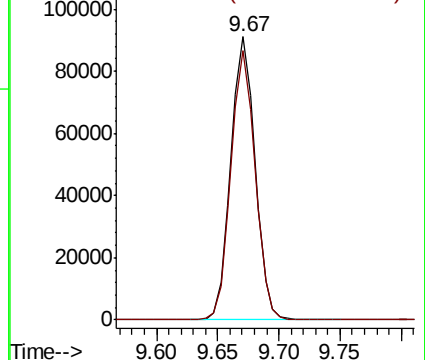
107 100

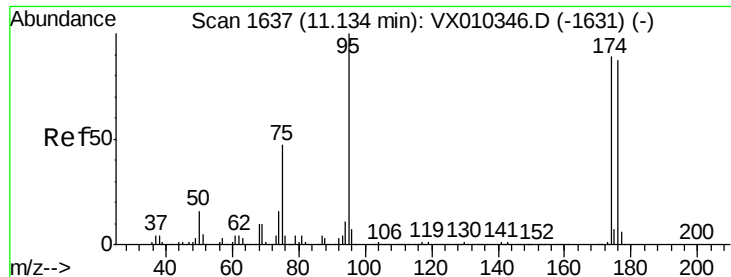
109 95.2 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

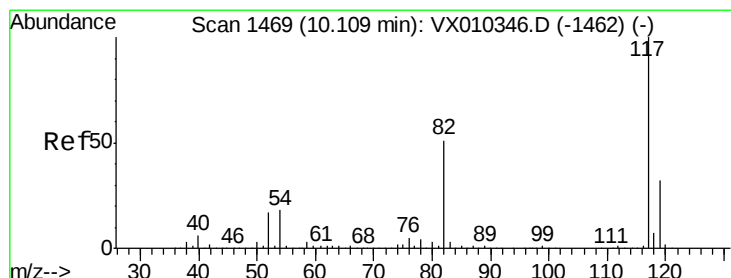
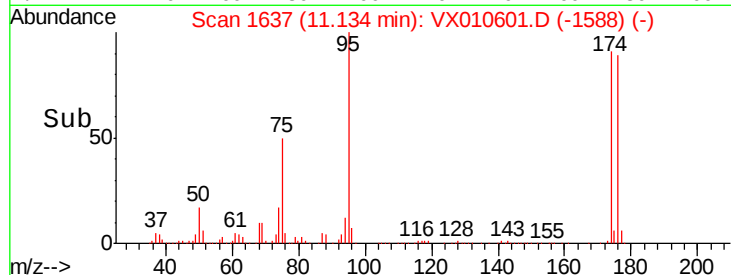
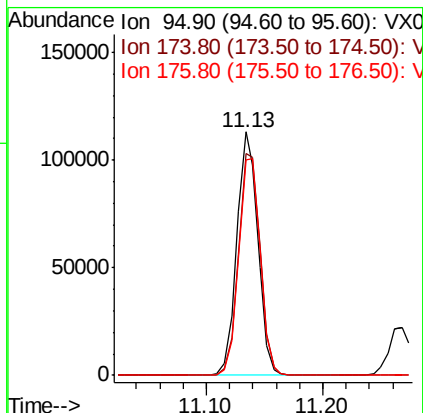
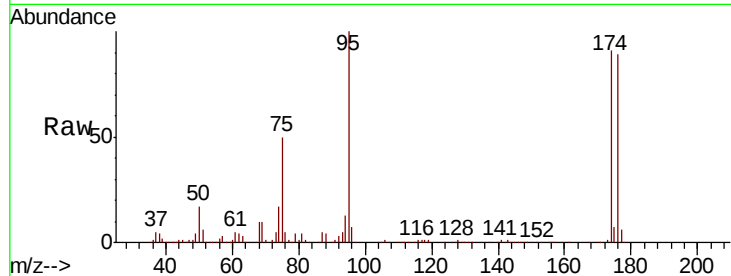




#62
4-Bromofluorobenzene
Concen: 49.540 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010601.D
Acq: 01 Jul 2019 19:14

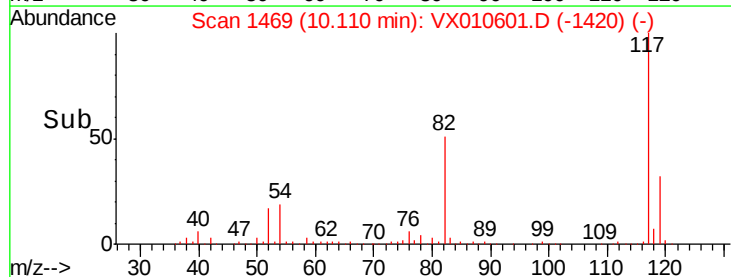
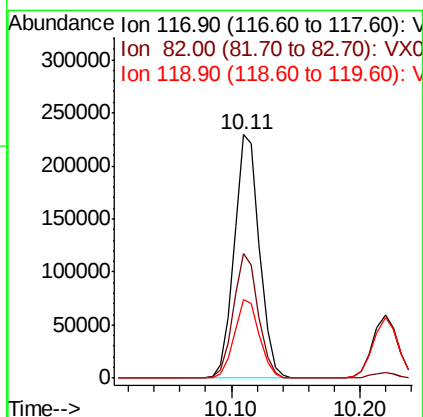
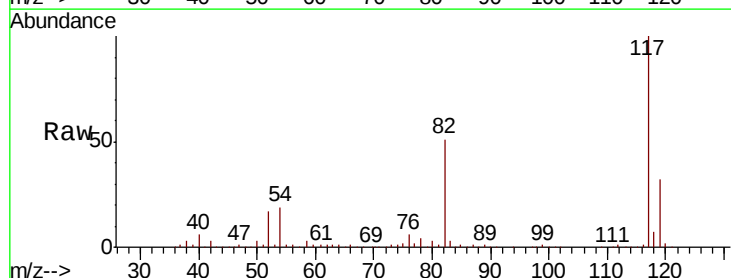
Instrument :
MSVOA_X
ClientSampled :
PK-10IMS

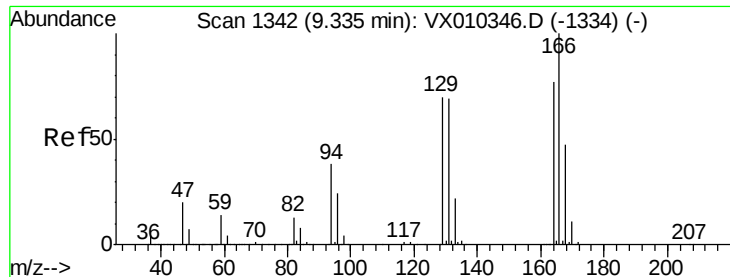
Tot Ion: 95 Resp: 142483
Ion Ratio Lower Upper
95 100
174 93.7 0.0 187.6
176 91.8 0.0 184.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010601.D
Acq: 01 Jul 2019 19:14

Tgt Ion: 117 Resp: 311844
Ion Ratio Lower Upper
117 100
82 51.0 41.2 61.8
119 32.4 25.5 38.3

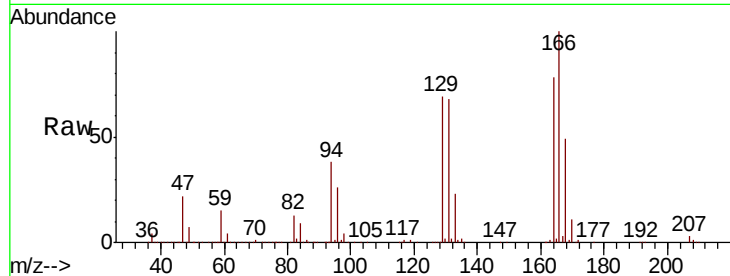




#64
Tetrachloroethene
Concen: 44.147 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010601.D
Acq: 01 Jul 2019 19:14

Instrument :
MSVOA_X
ClientSampleId :
PK-10IMS

Tot Ion	Ratio	Lower	Upper
164	100		
166	128.1	103.6	155.4
129	88.6	73.0	109.4
131	86.8	71.0	106.4



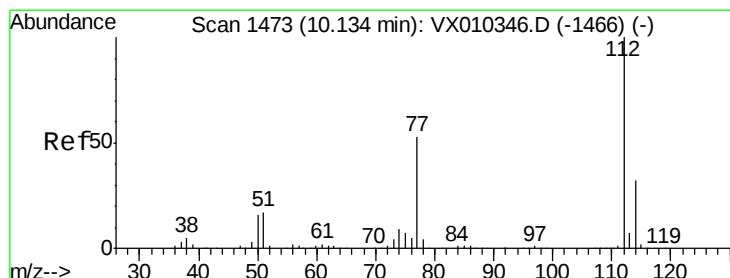
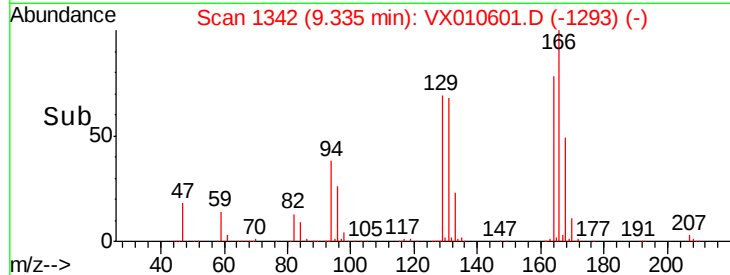
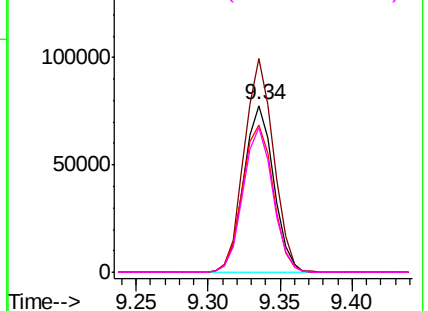
Abundance

Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

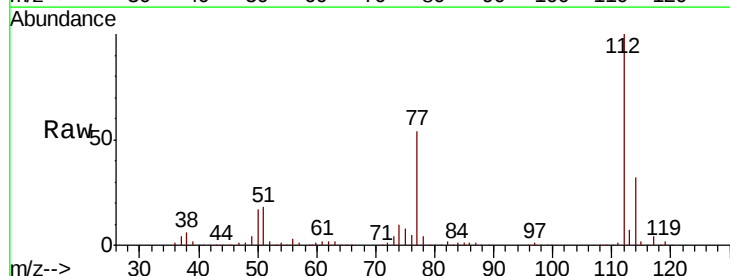
Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65
Chlorobenzene
Concen: 52.798 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX010601.D
Acq: 01 Jul 2019 19:14

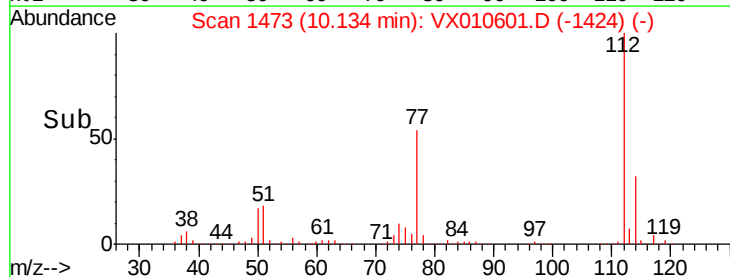
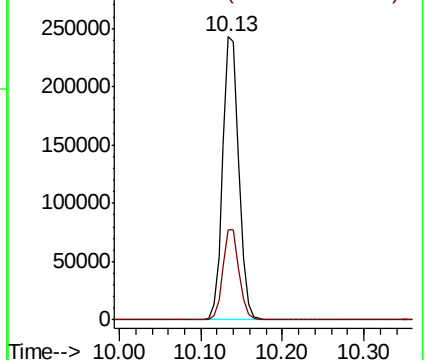
Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.9	25.4	38.2

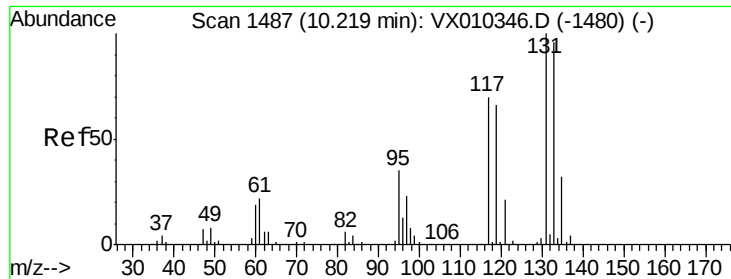


Abundance

Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

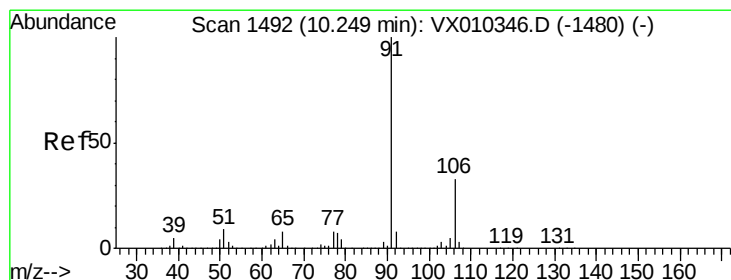
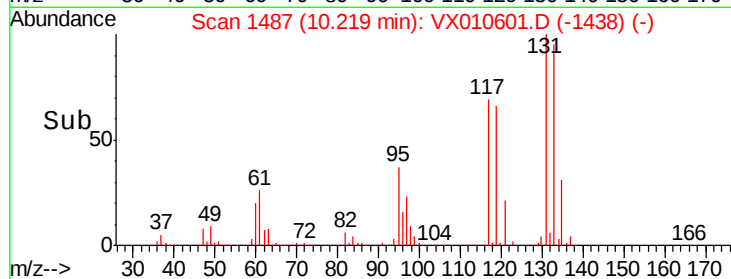
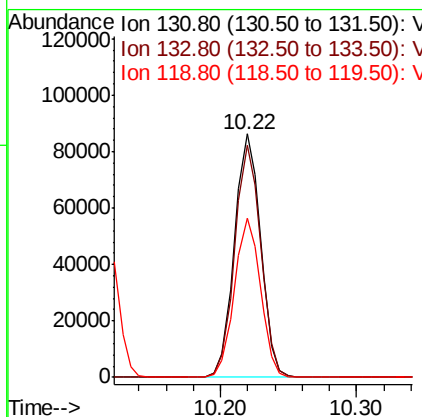
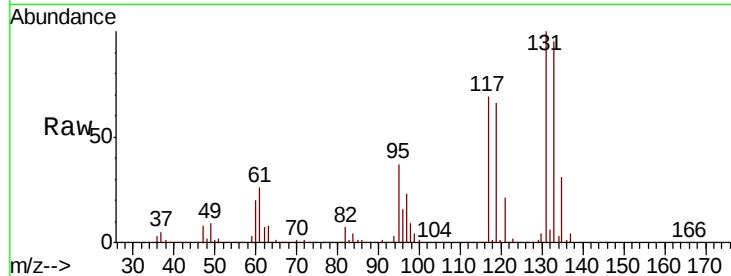




#66
 1,1,1,2-Tetrachloroethane
 Concen: 50.178 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VX010601.D
 Acq: 01 Jul 2019 19:14

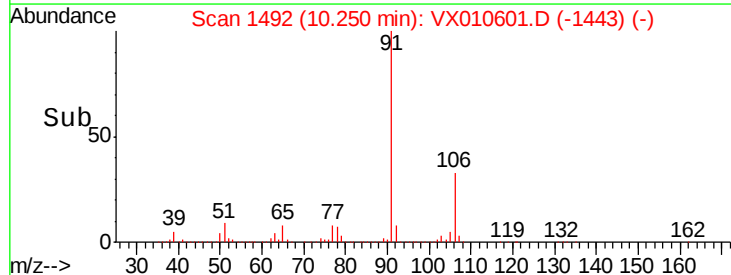
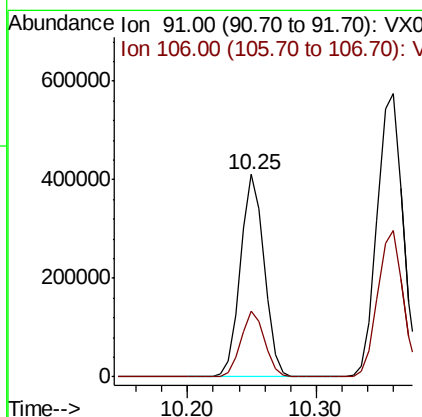
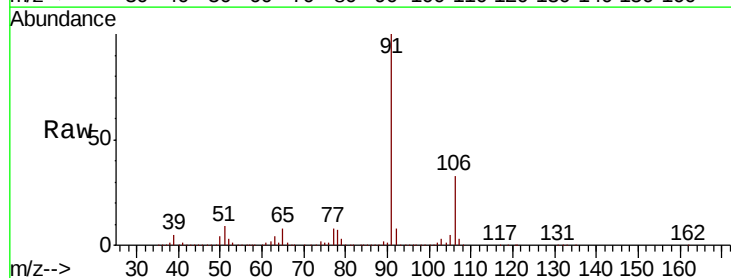
Instrument :
 MSVOA_X
 ClientSampled :
 PK-10IMS

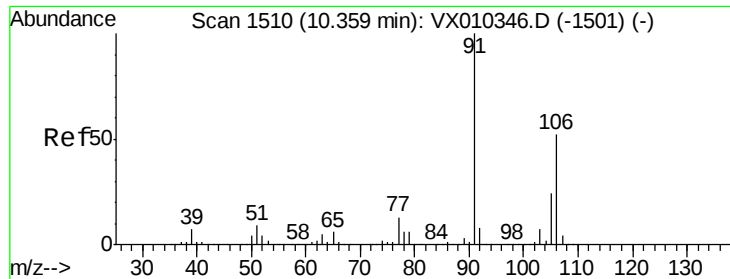
Tot Ion:131 Resp: 115714
 Ion Ratio Lower Upper
 131 100
 133 95.2 47.7 143.1
 119 65.3 32.6 97.7



#67
 Ethyl Benzene
 Concen: 49.026 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: VX010601.D
 Acq: 01 Jul 2019 19:14

Tgt Ion: 91 Resp: 523999
 Ion Ratio Lower Upper
 91 100
 106 32.6 26.2 39.2

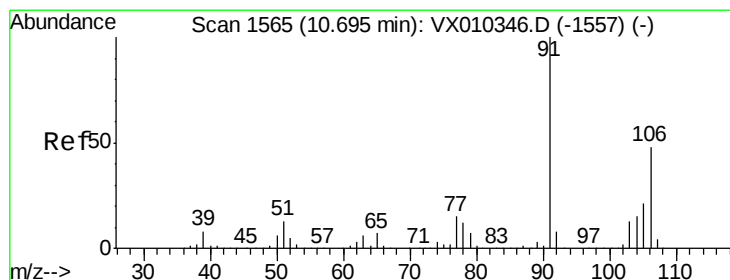
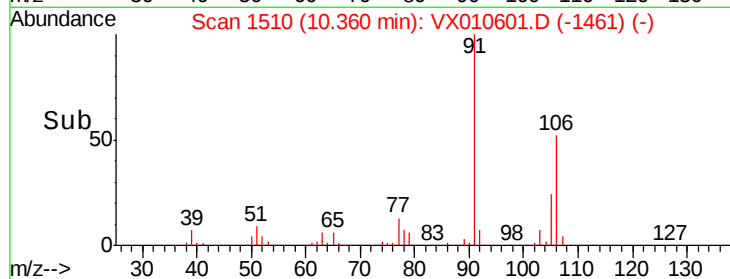
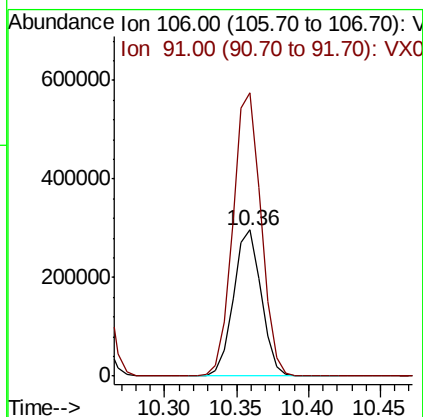
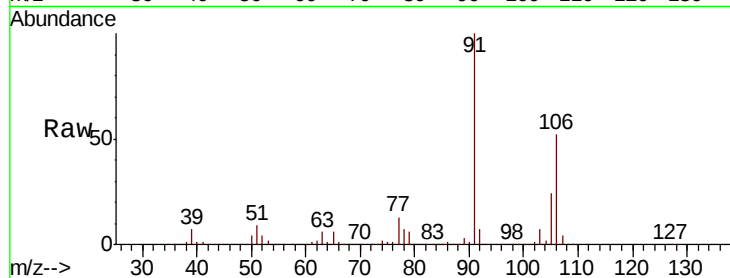




#68
m/p-Xvlenes
Concen: 96.660 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010601.D
Acq: 01 Jul 2019 19:14

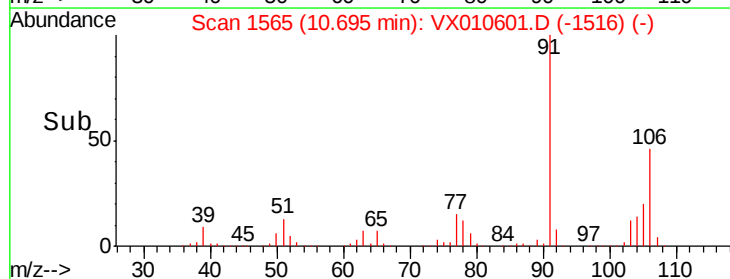
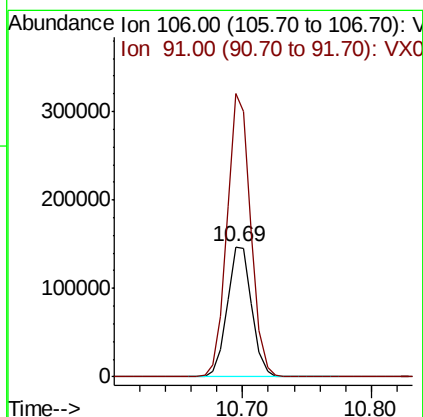
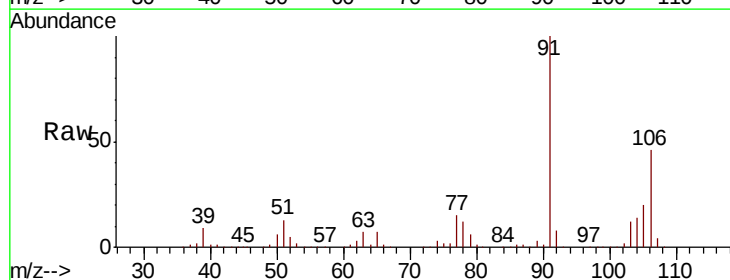
Instrument :
MSVOA_X
ClientSampleId :
PK-10IMS

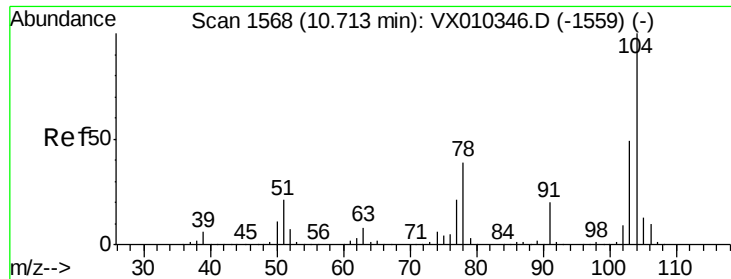
Tot Ion:106 Resp: 400306
Ion Ratio Lower Upper
106 100
91 196.7 155.3 232.9



#69
o-Xylene
Concen: 48.294 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010601.D
Acq: 01 Jul 2019 19:14

Tgt Ion:106 Resp: 196688
Ion Ratio Lower Upper
106 100
91 209.9 102.7 308.1

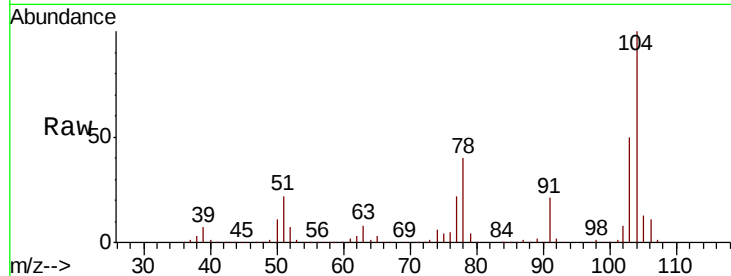




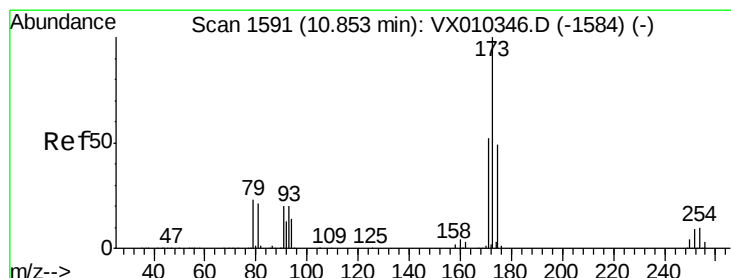
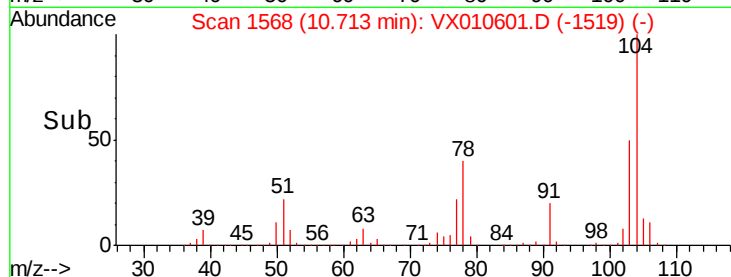
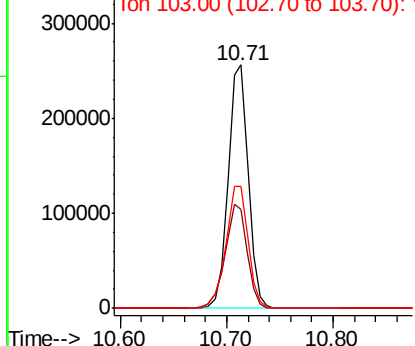
#70
Stvrene
Concen: 49.610 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX010601.D
Acq: 01 Jul 2019 19:14

Instrument :
MSVOA_X
ClientSampleId :
PK-10IMS

Tot Ion:104 Resp: 338841
Ion Ratio Lower Upper
104 100
78 46.7 36.2 54.2
103 55.4 44.2 66.4

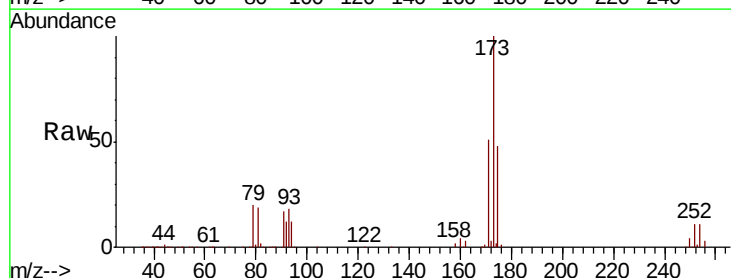


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

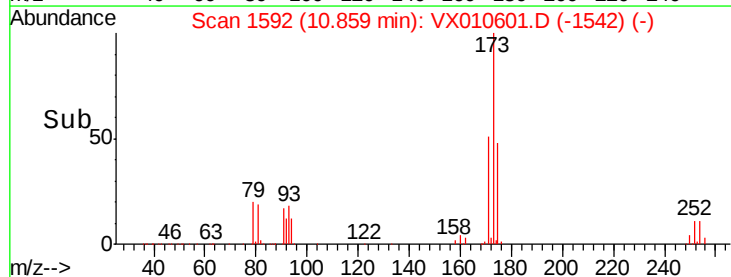
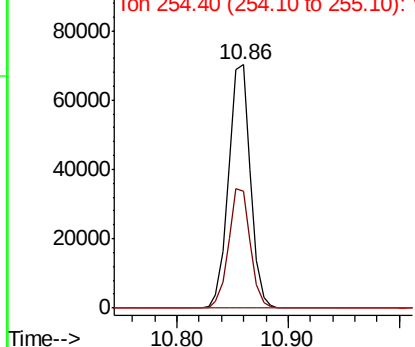


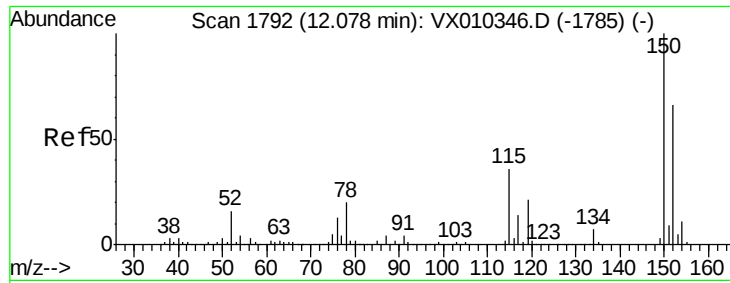
#71
Bromoform
Concen: 47.521 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.01 min
Lab File: VX010601.D
Acq: 01 Jul 2019 19:14

Tgt Ion:173 Resp: 95301
Ion Ratio Lower Upper
173 100
175 48.4 24.1 72.3
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: VX010601.D

Acq: 01 Jul 2019 19:14

Instrument :

MSVOA_X

ClientSampled :

PK-10IMS

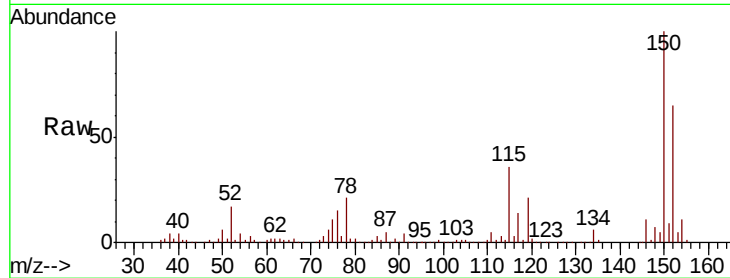
Tot Ion:152 Resp: 159851

Ion Ratio Lower Upper

152 100

115 77.5 38.6 115.7

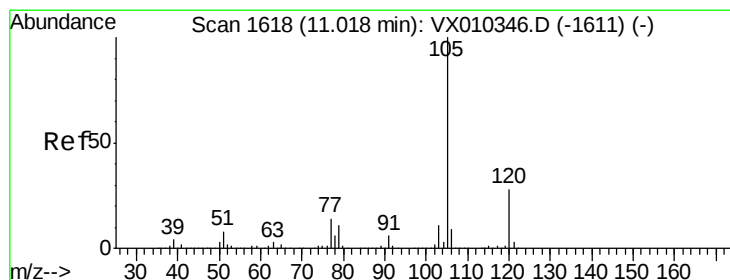
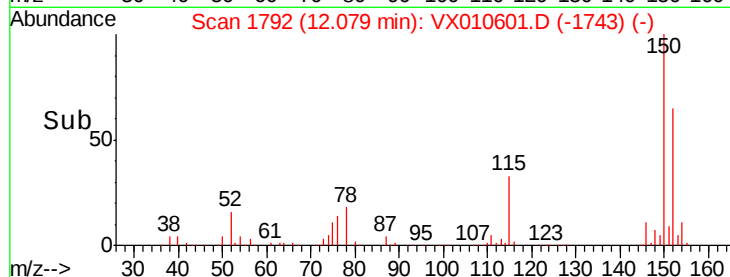
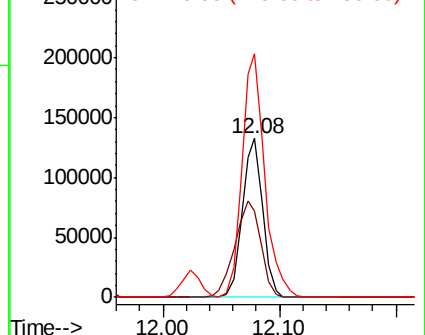
150 171.4 0.0 347.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 48.601 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010601.D

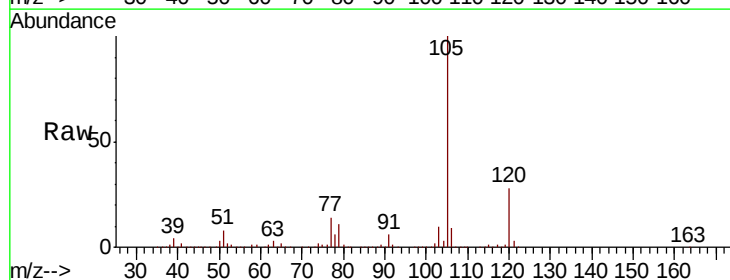
Acq: 01 Jul 2019 19:14

Tgt Ion:105 Resp: 526633

Ion Ratio Lower Upper

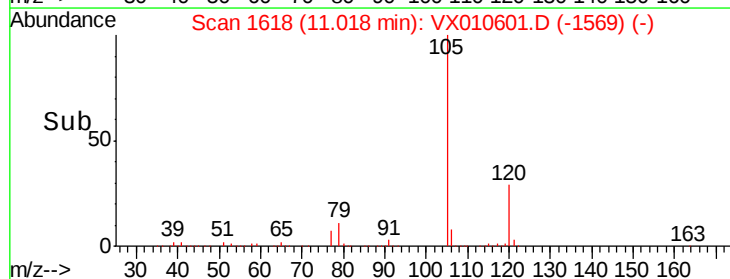
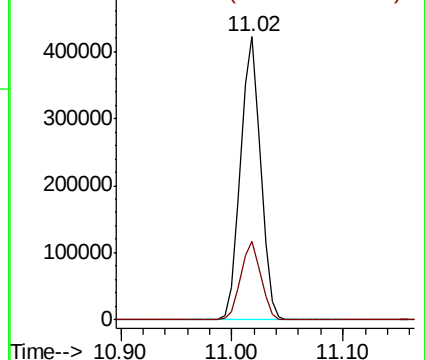
105 100

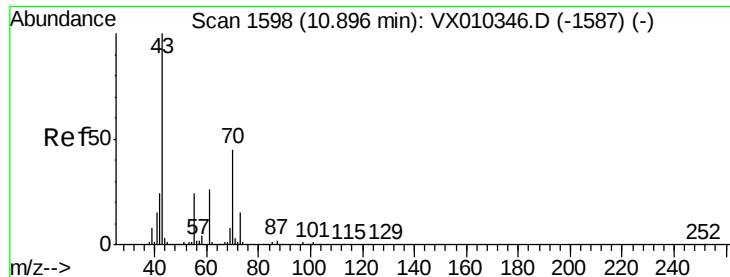
120 27.8 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 46.212 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010601.D

Acq: 01 Jul 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

PK-10IMS

Tot Ion: 43 Resp: 189246

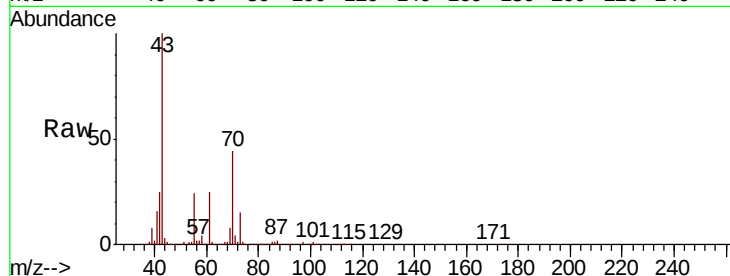
Ion Ratio Lower Upper

43 100

70 44.5 36.6 54.8

55 23.8 18.7 28.1

61 25.3 20.6 31.0

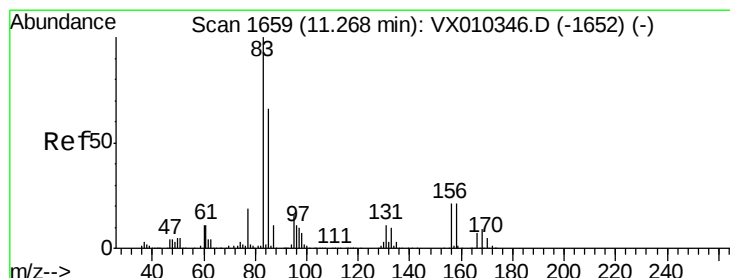
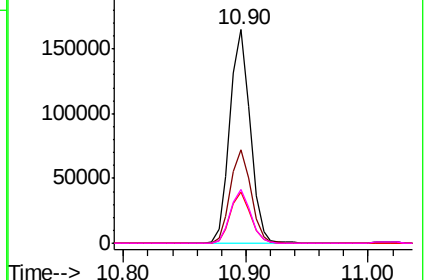
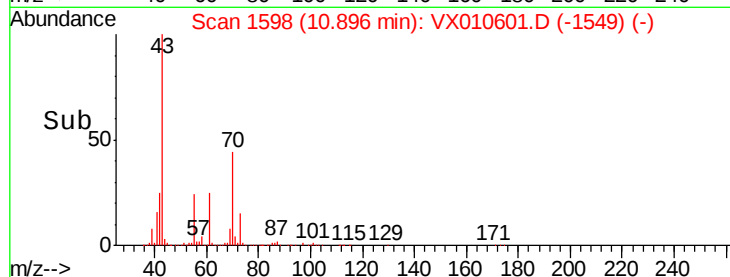


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 50.655 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010601.D

Acq: 01 Jul 2019 19:14

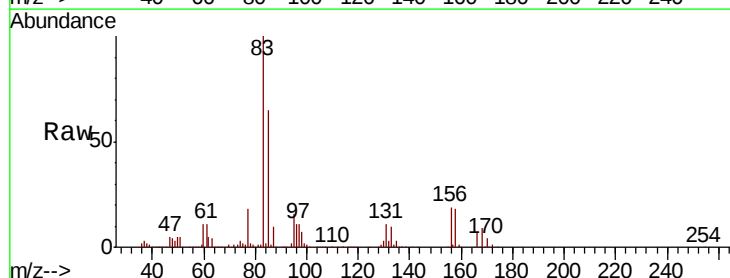
Tgt Ion: 83 Resp: 181779

Ion Ratio Lower Upper

83 100

131 10.9 5.5 16.4

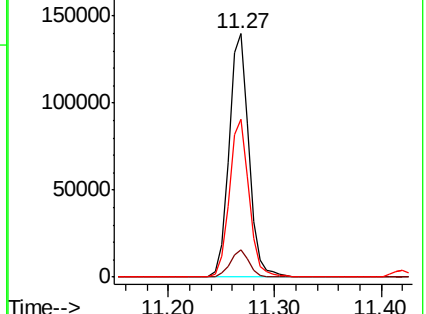
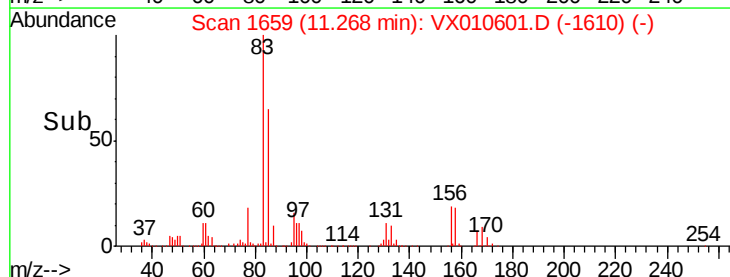
85 64.7 32.3 96.8

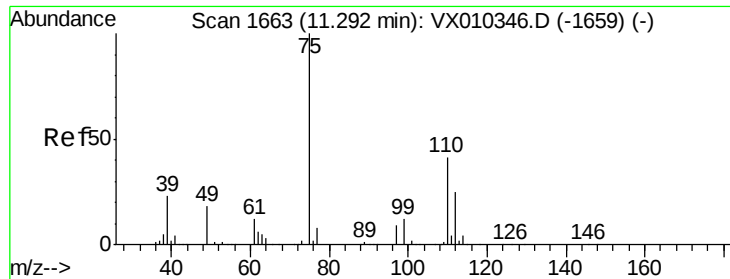


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 65.742 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX010601.D

Acq: 01 Jul 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

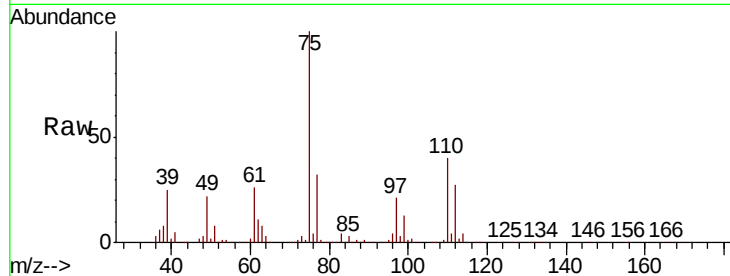
PK-10IMS

Tot Ion: 75 Resp: 191500

Ion Ratio Lower Upper

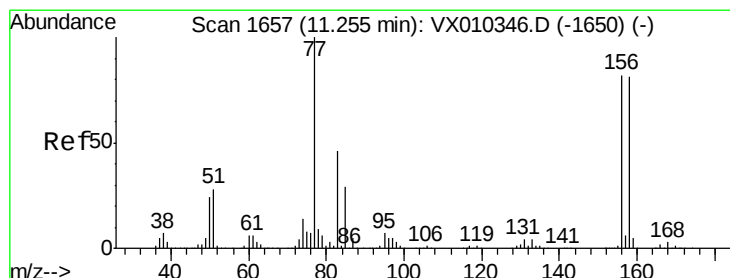
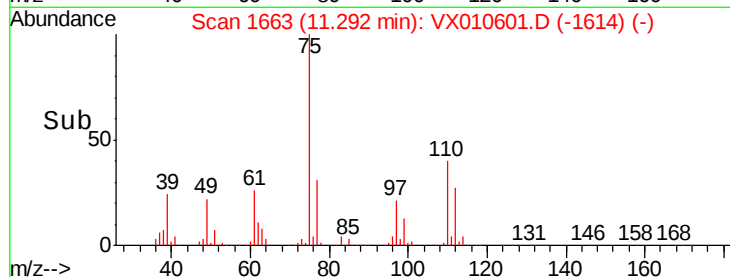
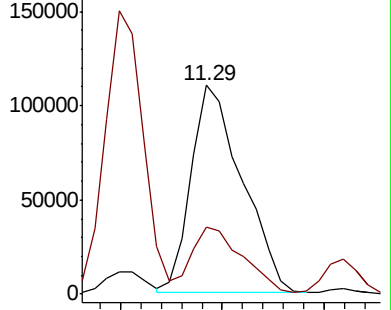
75 100

77 32.6 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#77

Bromobenzene

Concen: 48.433 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX010601.D

Acq: 01 Jul 2019 19:14

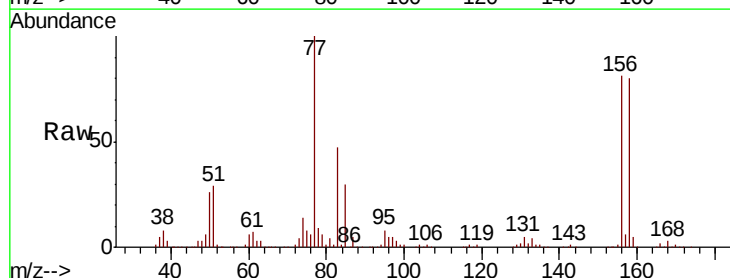
Tgt Ion: 156 Resp: 146544

Ion Ratio Lower Upper

156 100

77 133.2 66.3 198.7

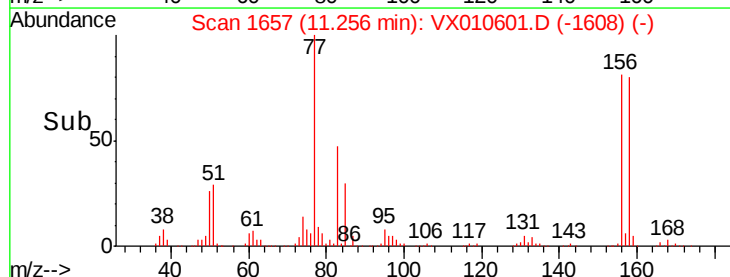
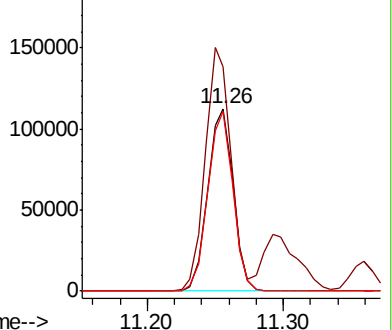
158 97.1 48.9 146.7

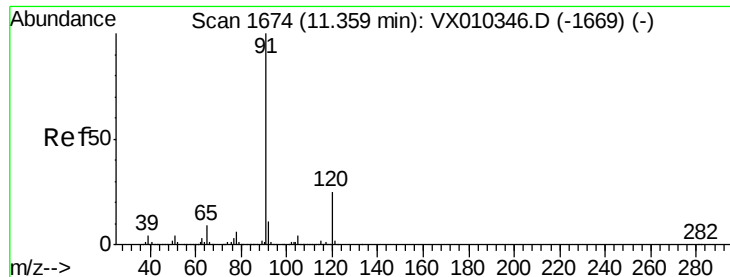


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V





#78

n-propylbenzene

Concen: 49.137 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010601.D

Acq: 01 Jul 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

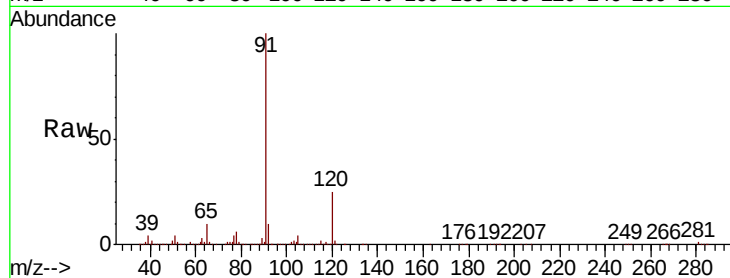
PK-10IMS

Tot Ion: 91 Resp: 585178

Ion Ratio Lower Upper

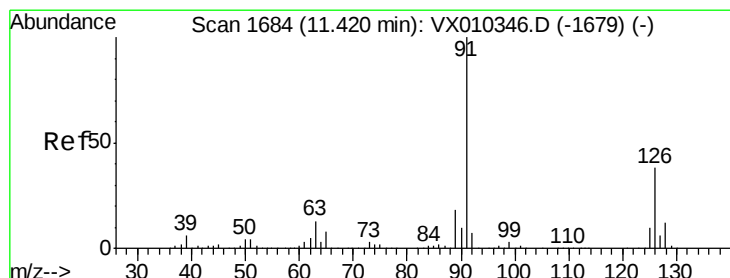
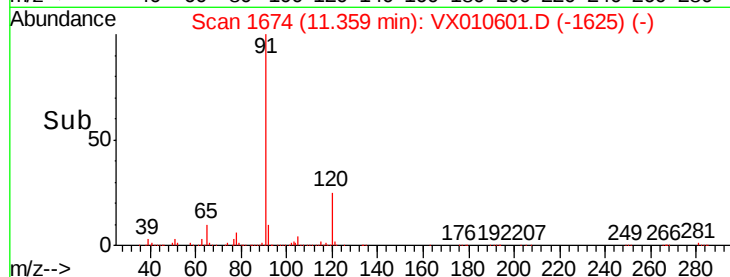
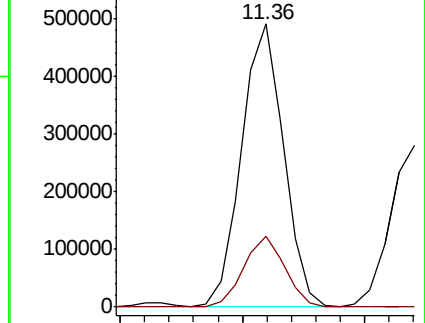
91 100

120 24.8 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 48.607 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX010601.D

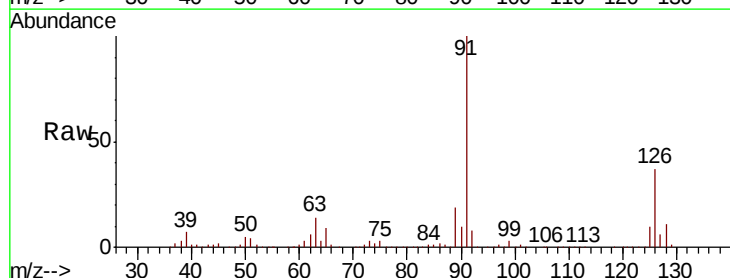
Acq: 01 Jul 2019 19:14

Tgt Ion: 91 Resp: 344701

Ion Ratio Lower Upper

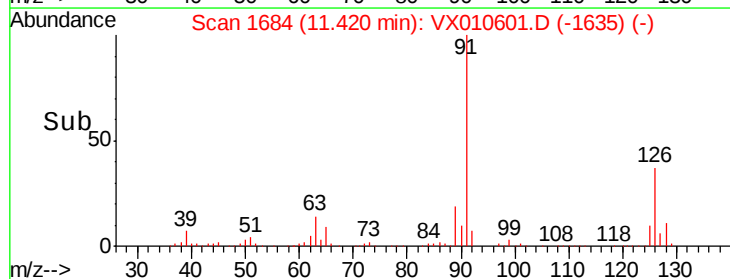
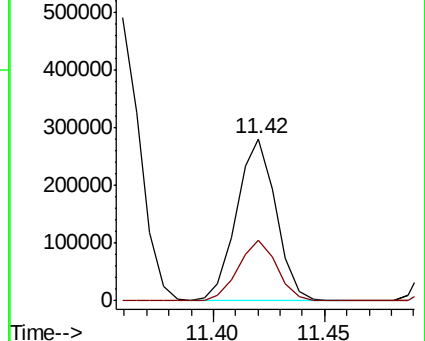
91 100

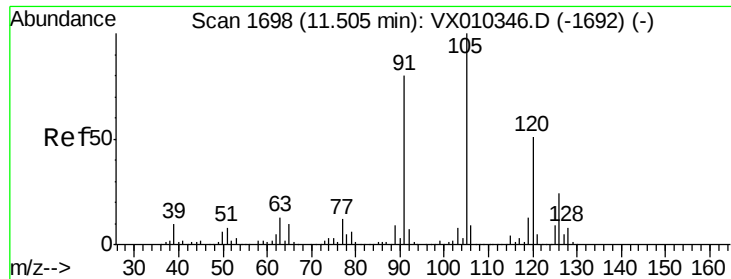
126 36.8 18.7 56.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

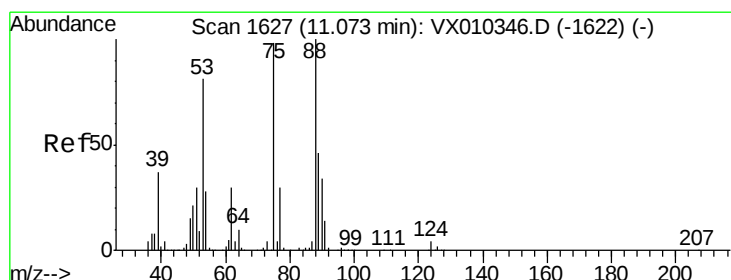
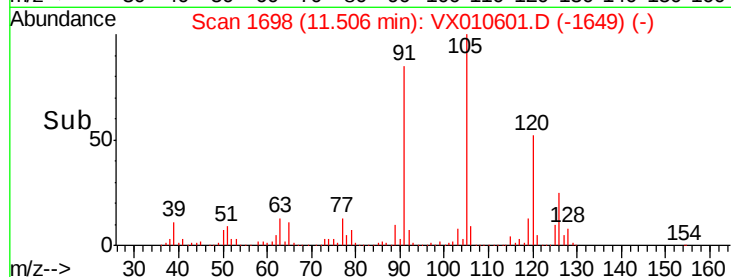
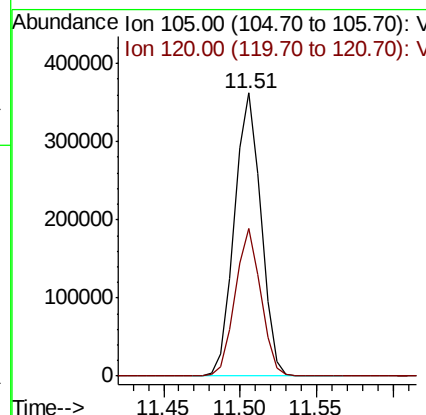
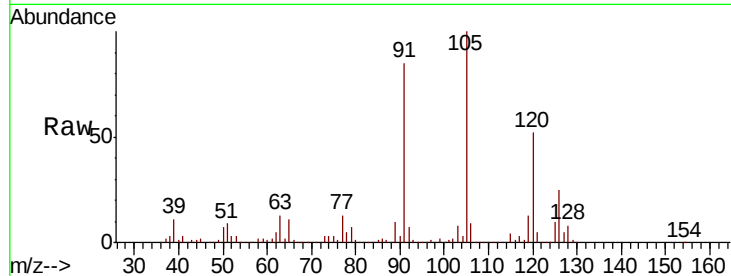




#80
 1,3,5-Trimethylbenzene
 Concen: 48.766 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010601.D
 Acq: 01 Jul 2019 19:14

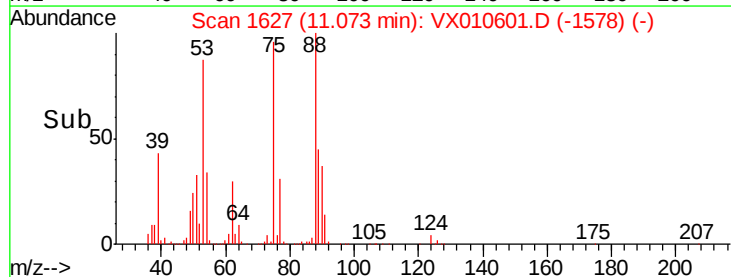
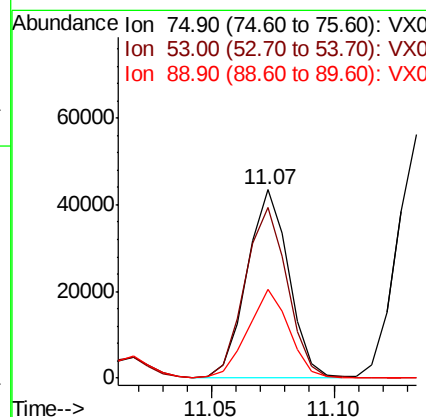
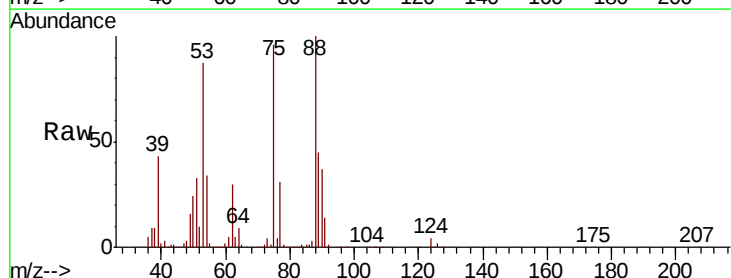
Instrument :
 MSVOA_X
 ClientSampleId :
 PK-10IMS

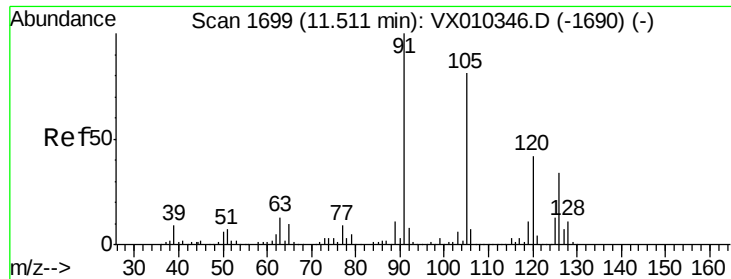
Tot Ion:105 Resp: 435625
 Ion Ratio Lower Upper
 105 100
 120 50.5 25.2 75.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 41.100 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VX010601.D
 Acq: 01 Jul 2019 19:14

Tgt Ion: 75 Resp: 51318
 Ion Ratio Lower Upper
 75 100
 53 92.3 66.1 99.1
 89 46.9 37.8 56.6

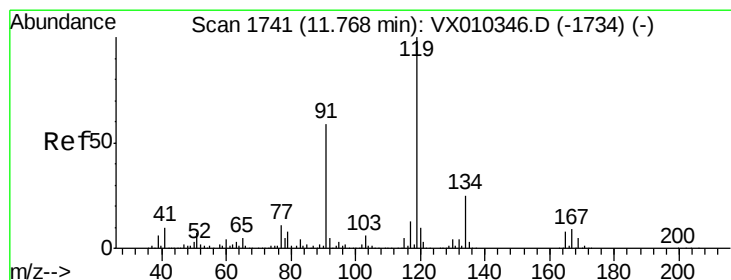
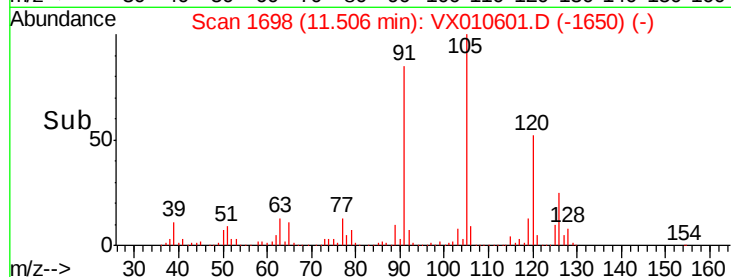
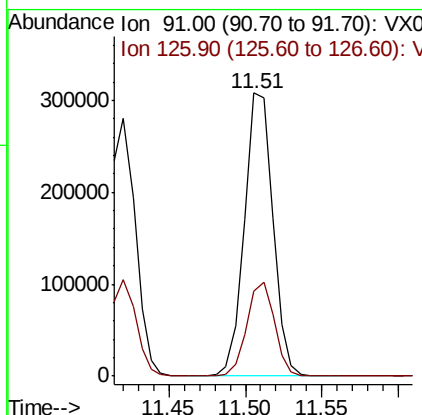
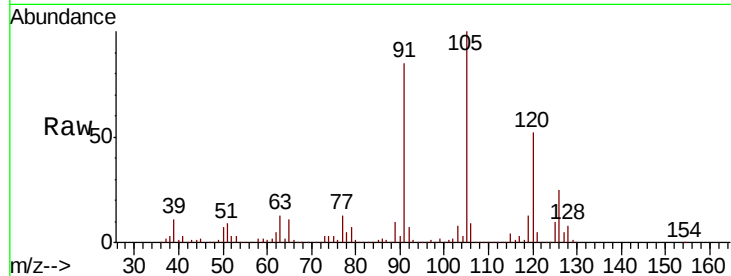




#82
4-Chlorotoluene
Concen: 49.396 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX010601.D
Acq: 01 Jul 2019 19:14

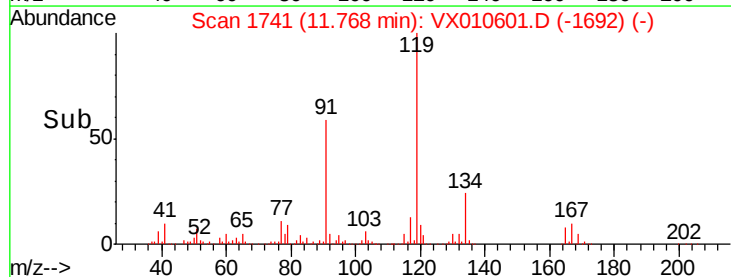
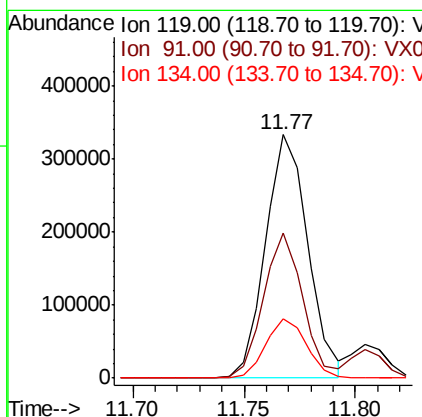
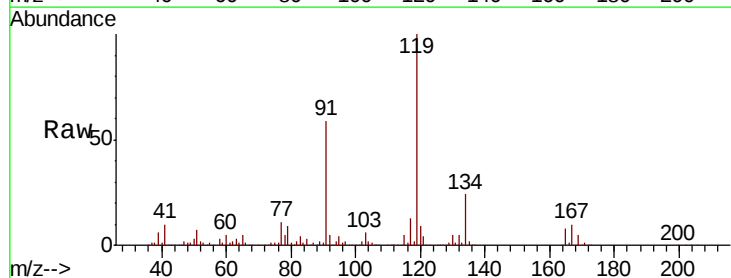
Instrument :
MSVOA_X
ClientSampleId :
PK-10IMS

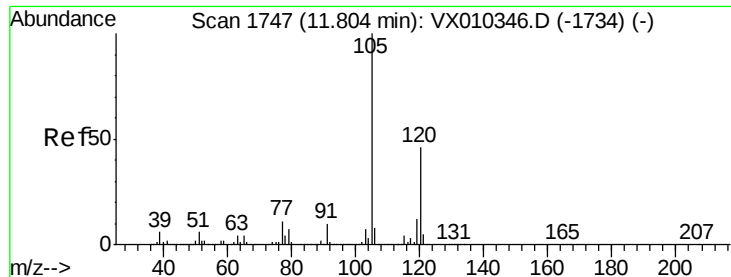
Tot Ion: 91 Resp: 398601
Ion Ratio Lower Upper
91 100
126 32.2 16.2 48.6



#83
tert-Butylbenzene
Concen: 49.129 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX010601.D
Acq: 01 Jul 2019 19:14

Tgt Ion: 119 Resp: 440479
Ion Ratio Lower Upper
119 100
91 55.5 27.6 82.7
134 23.7 11.8 35.4

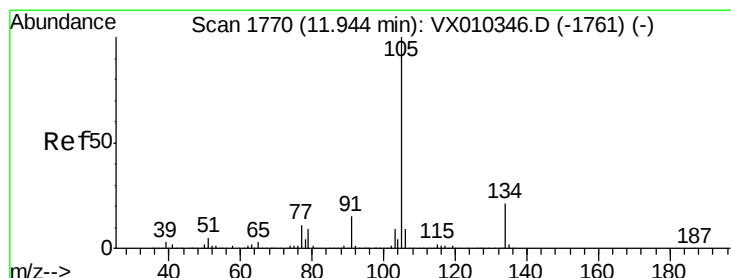
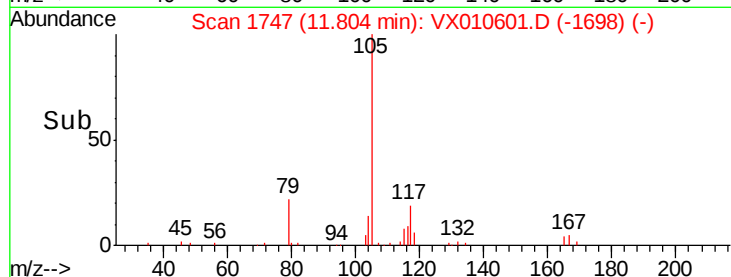
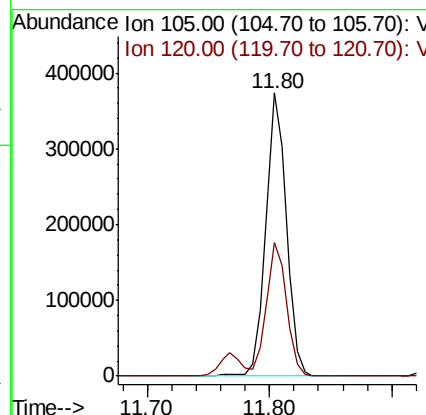
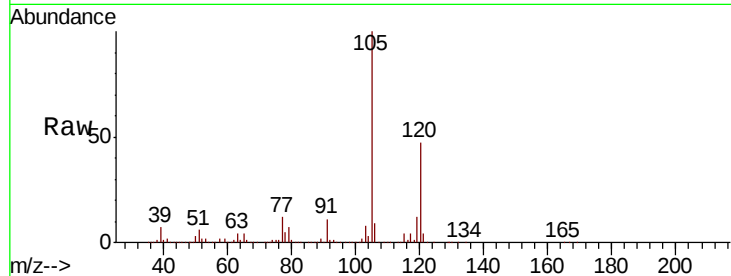




#84
 1,2,4-Trimethylbenzene
 Concen: 49.140 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010601.D
 Acq: 01 Jul 2019 19:14

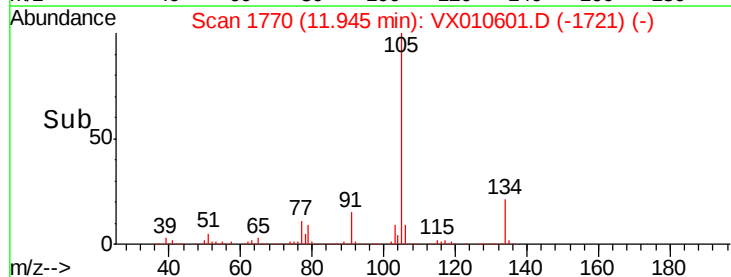
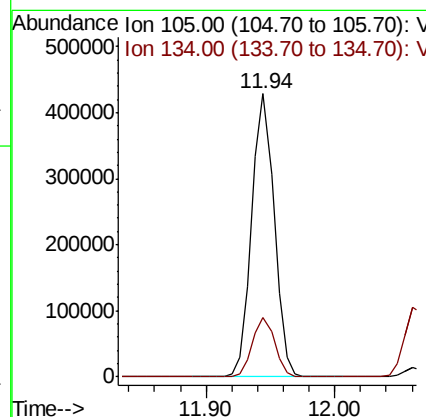
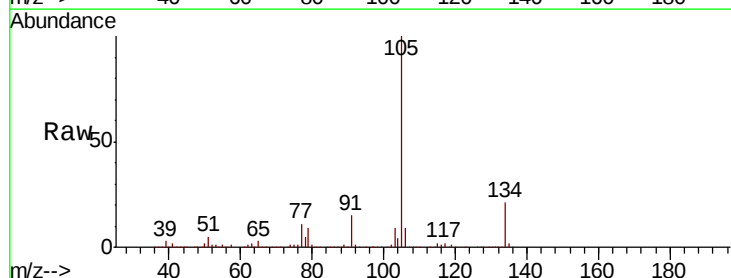
Instrument :
 MSVOA_X
 ClientSampleId :
 PK-10IMS

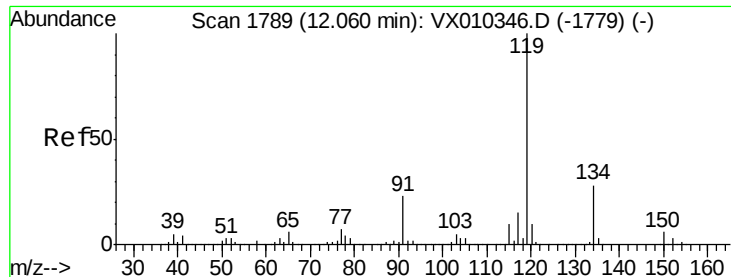
Tot Ion:105 Resp: 441019
 Ion Ratio Lower Upper
 105 100
 120 46.0 23.1 69.2



#85
 sec-Butylbenzene
 Concen: 48.796 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX010601.D
 Acq: 01 Jul 2019 19:14

Tgt Ion:105 Resp: 513683
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.7 31.9

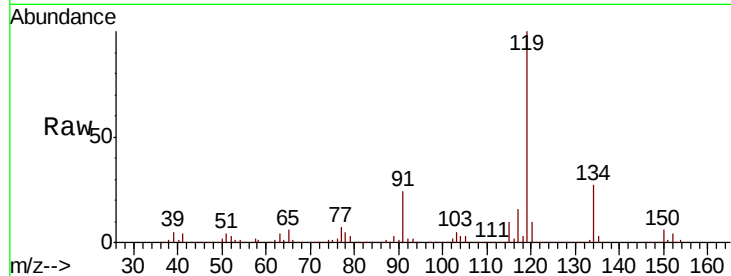




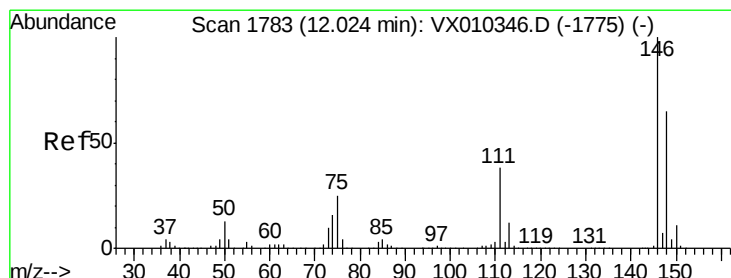
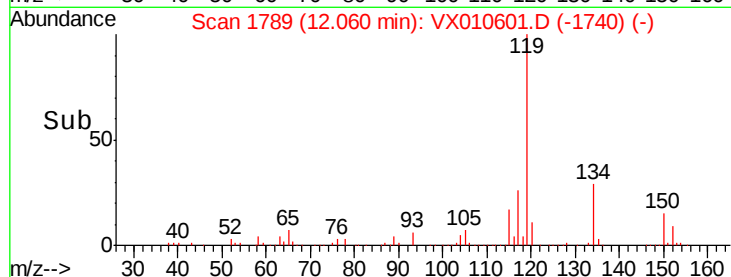
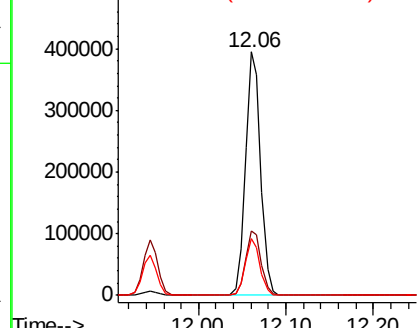
#86
p-Isopropyltoluene
Concen: 48.873 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX010601.D
Acq: 01 Jul 2019 19:14

Instrument :
MSVOA_X
ClientSampleId :
PK-10IMS

Tot Ion:119 Resp: 475889
Ion Ratio Lower Upper
119 100
134 27.1 13.7 41.1
91 22.8 11.3 33.8

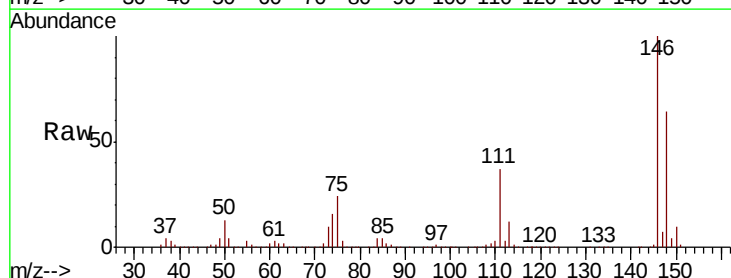


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V

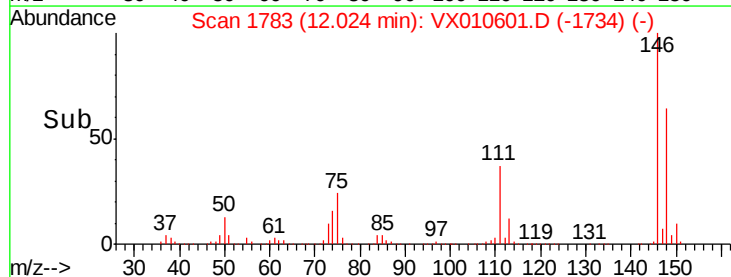
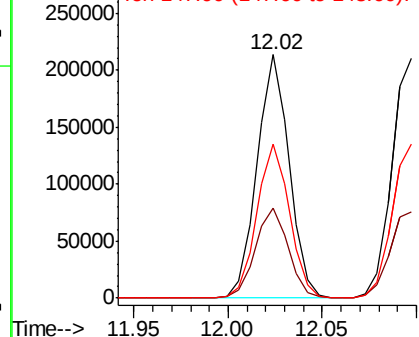


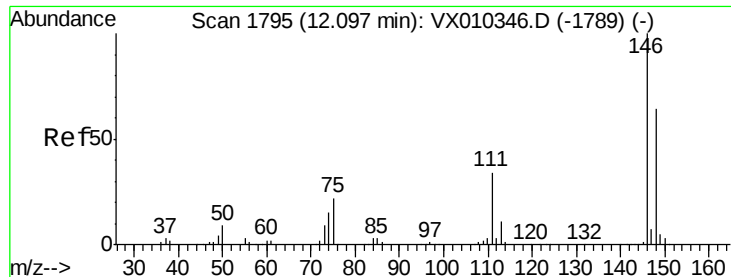
#87
1,3-Dichlorobenzene
Concen: 47.778 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX010601.D
Acq: 01 Jul 2019 19:14

Tgt Ion:146 Resp: 252340
Ion Ratio Lower Upper
146 100
111 38.0 19.1 57.1
148 64.3 32.5 97.4



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

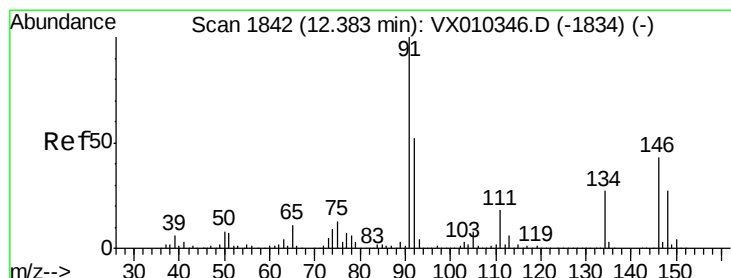
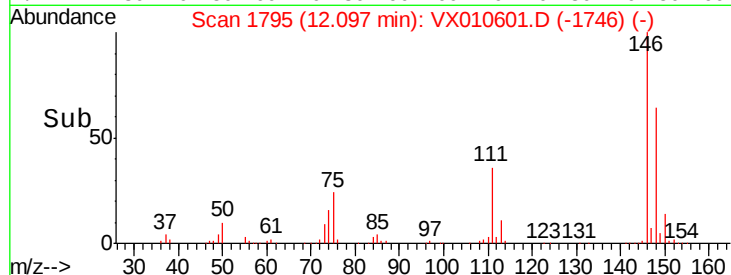
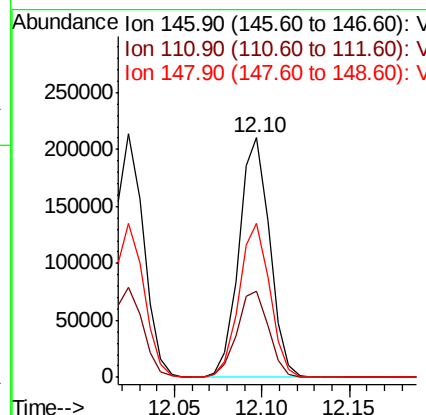
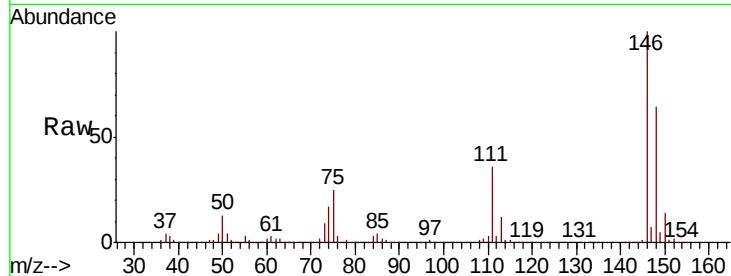




#88
 1,4-Dichlorobenzene
 Concen: 47.884 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010601.D
 Acq: 01 Jul 2019 19:14

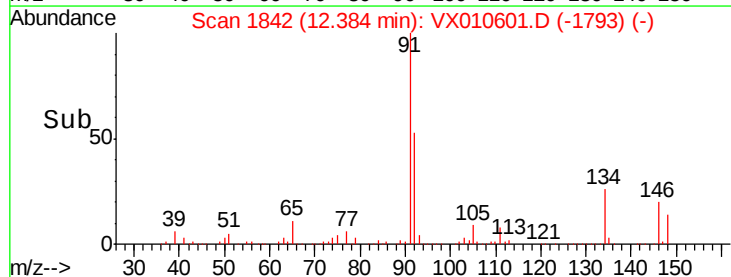
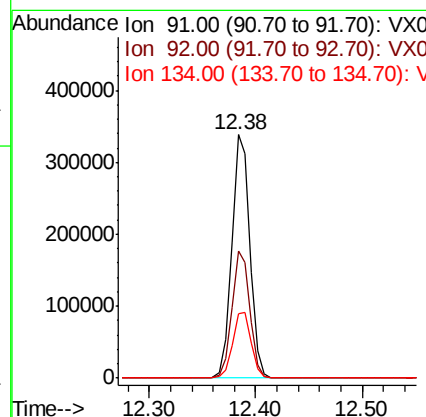
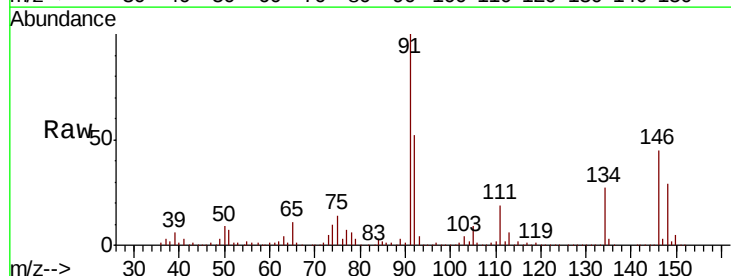
Instrument :
 MSVOA_X
 ClientSampled :
 PK-10IMS

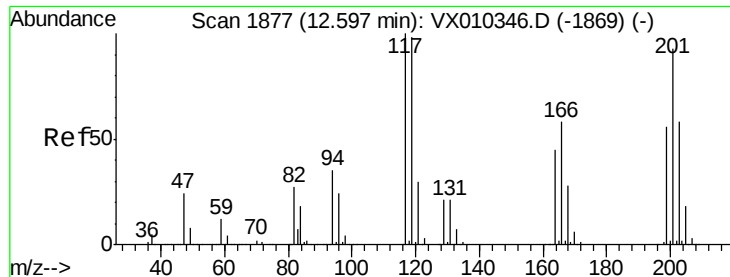
Tot Ion:146 Resp: 257465
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.1 54.3
 148 63.8 32.1 96.3



#89
 n-Butylbenzene
 Concen: 48.504 ug/l
 RT: 12.38 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX010601.D
 Acq: 01 Jul 2019 19:14

Tgt Ion: 91 Resp: 401338
 Ion Ratio Lower Upper
 91 100
 92 51.9 26.2 78.5
 134 28.0 14.1 42.4

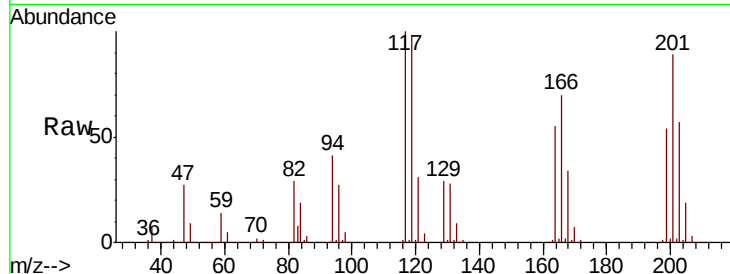




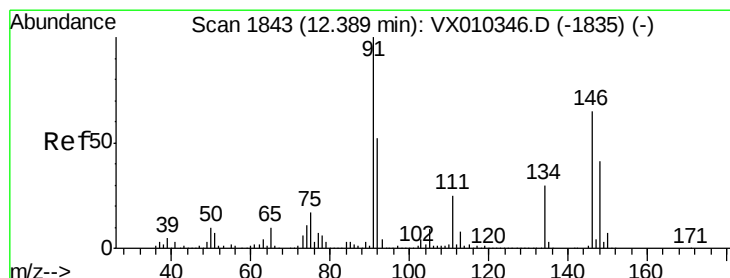
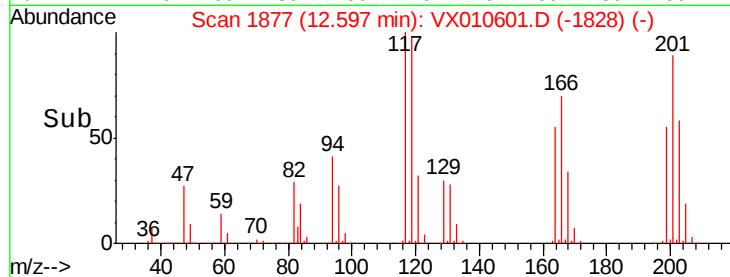
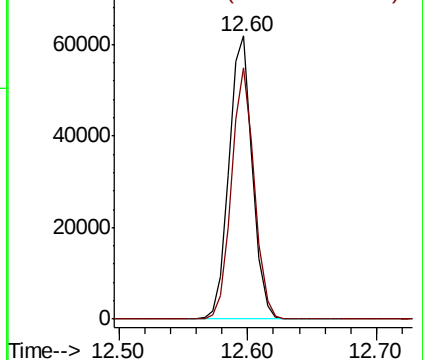
#90
Hexachloroethane
Concen: 46.678 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX010601.D
Acq: 01 Jul 2019 19:14

Instrument :
MSVOA_X
ClientSampleId :
PK-10IMS

Tot Ion:117 Resp: 78591
Ion Ratio Lower Upper
117 100
201 86.0 44.0 131.8

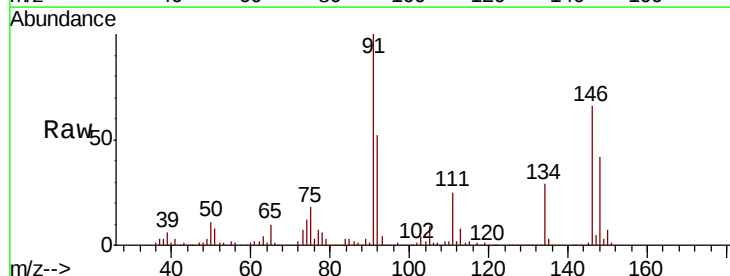


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

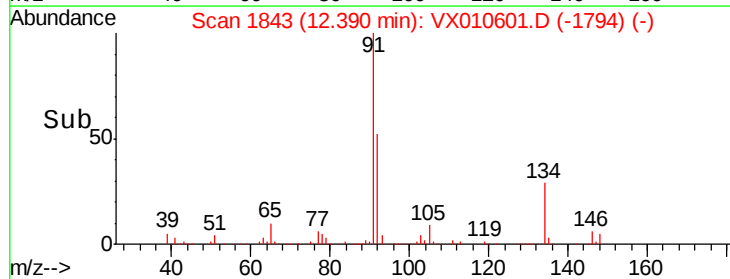
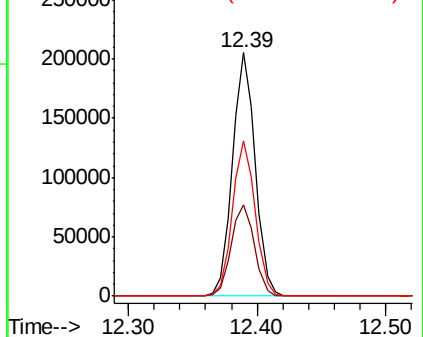


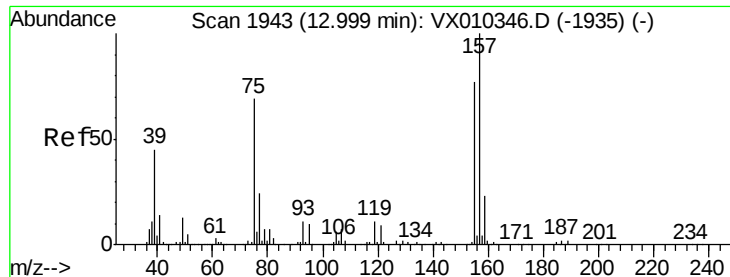
#91
1,2-Dichlorobenzene
Concen: 48.241 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX010601.D
Acq: 01 Jul 2019 19:14

Tgt Ion:146 Resp: 253228
Ion Ratio Lower Upper
146 100
111 38.4 19.2 57.6
148 63.9 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 47.023 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX010601.D

Acq: 01 Jul 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

PK-10IMS

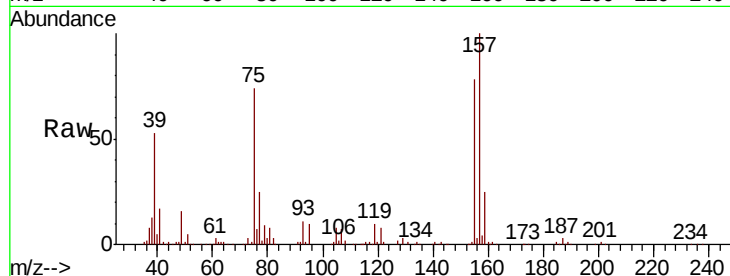
Tot Ion: 75 Resp: 36382

Ion Ratio Lower Upper

75 100

155 101.7 54.4 163.1

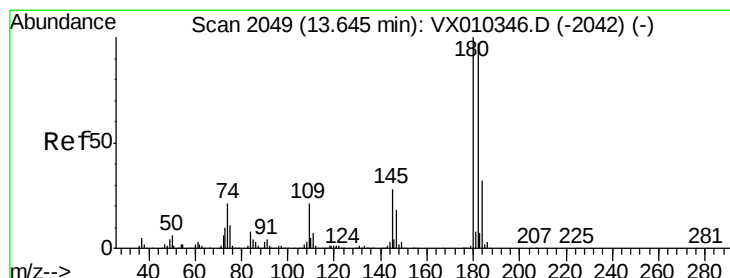
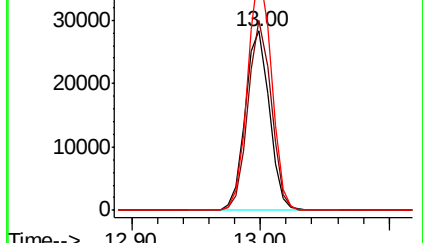
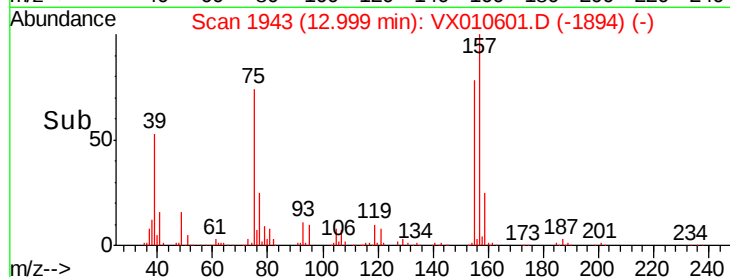
157 129.8 69.5 208.3



Abundance Ion 74.90 (74.60 to 75.60): VX010601.D (-1894) (-)

Ion 154.80 (154.50 to 155.50): VX010601.D (-1894) (-)

Ion 156.80 (156.50 to 157.50): VX010601.D (-1894) (-)



#93

1,2,4-Trichlorobenzene

Concen: 47.357 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX010601.D

Acq: 01 Jul 2019 19:14

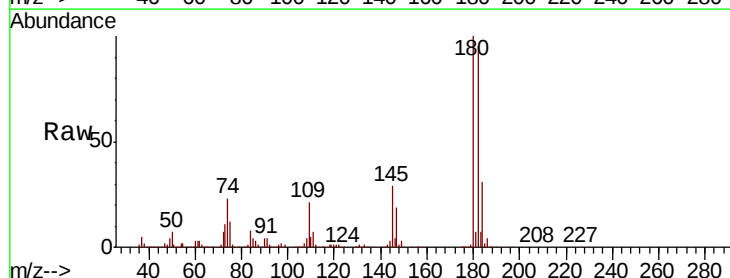
Tgt Ion:180 Resp: 172391

Ion Ratio Lower Upper

180 100

182 94.7 48.0 144.0

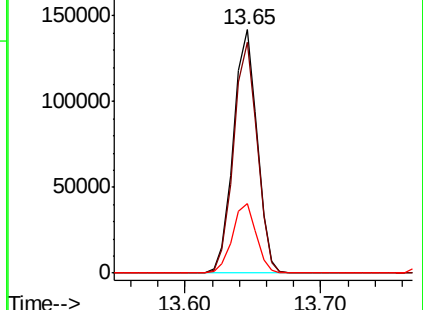
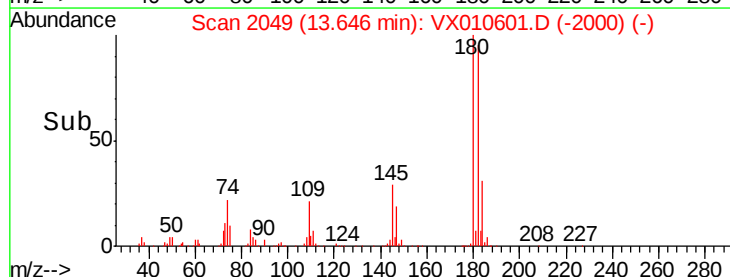
145 28.8 14.4 43.4

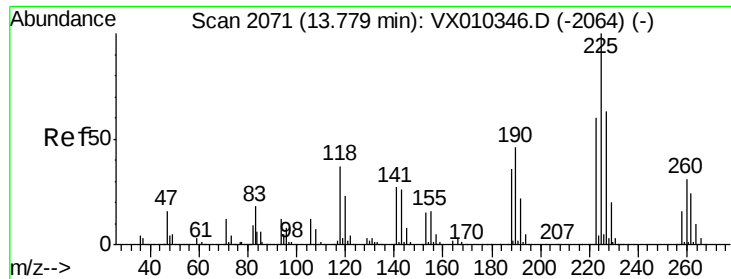


Abundance Ion 179.80 (179.50 to 180.50): VX010601.D (-2000) (-)

Ion 181.80 (181.50 to 182.50): VX010601.D (-2000) (-)

Ion 144.80 (144.50 to 145.50): VX010601.D (-2000) (-)





#94

Hexachlorobutadiene

Concen: 45.862 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VX010601.D

Acq: 01 Jul 2019 19:14

Instrument :

MSVOA_X

ClientSampleId :

PK-10IMS

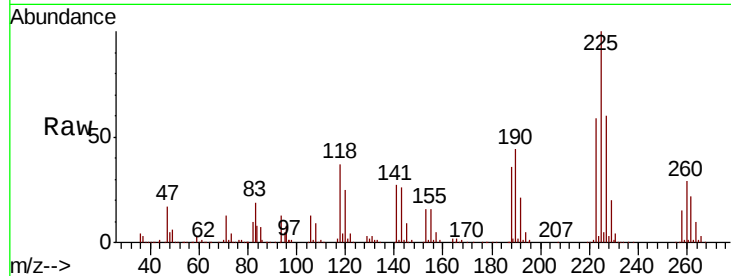
Tot Ion:225 Resp: 81593

Ion Ratio Lower Upper

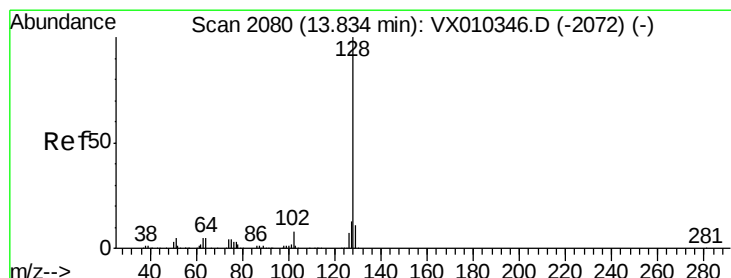
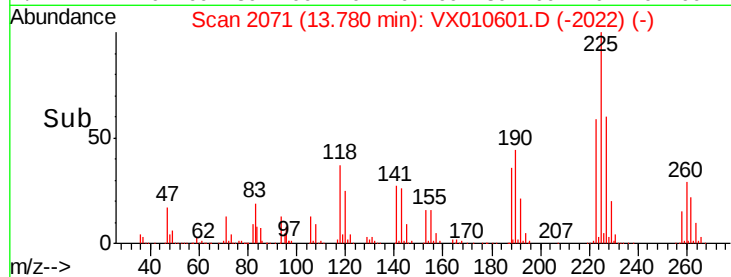
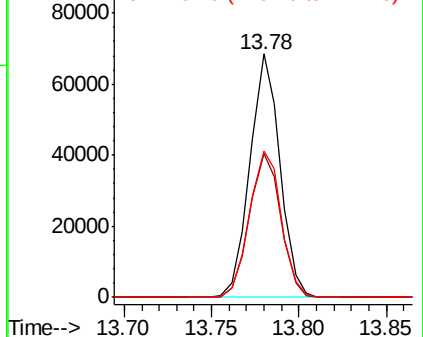
225 100

223 61.9 30.9 92.7

227 63.8 31.9 95.5



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



#95

Naphthalene

Concen: 48.446 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010601.D

Acq: 01 Jul 2019 19:14

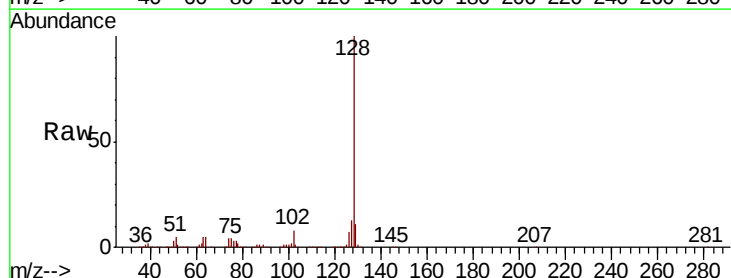
Tgt Ion:128 Resp: 541952

Ion Ratio Lower Upper

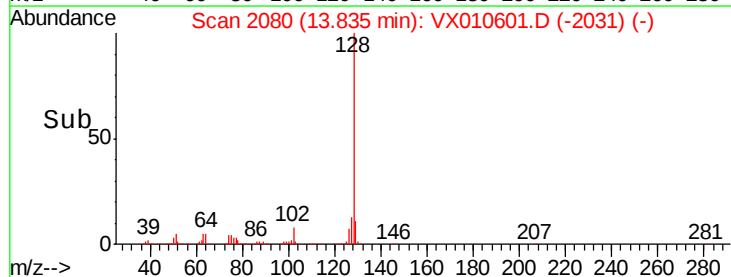
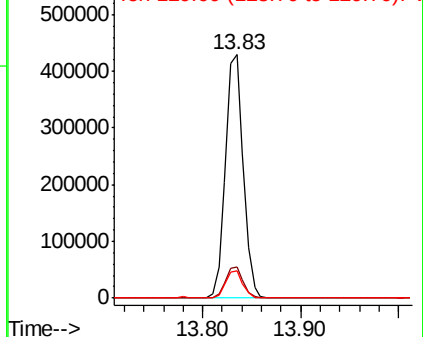
128 100

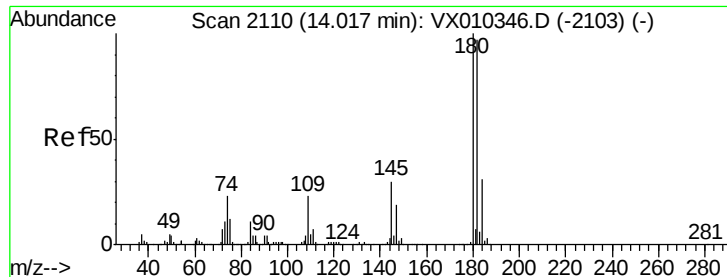
127 12.8 10.2 15.4

129 10.9 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

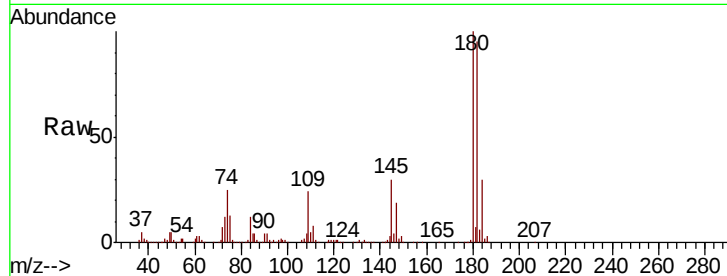




#96
 1,2,3-Trichlorobenzene
 Concen: 48.143 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. 0.00 min
 Lab File: VX010601.D
 Acq: 01 Jul 2019 19:14

Instrument :
 MSVOA_X
 ClientSampleId :
 PK-10IMS

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.8	143.3
145	30.7	15.2	45.6



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

