

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052819\
 Data File : VX009911.D
 Acq On : 28 May 2019 13:22
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX052819

Quant Time: May 29 04:09:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	181725	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	280929	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	257721	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	130741	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	123589	48.14	ug/l	0.00
Spiked Amount			Recovery	=	96.28%	
35) Dibromofluoromethane	5.49	113	88265	49.97	ug/l	0.00
Spiked Amount			Recovery	=	99.94%	
50) Toluene-d8	8.71	98	368084	51.32	ug/l	0.00
Spiked Amount			Recovery	=	102.64%	
62) 4-Bromofluorobenzene	11.13	95	136837	53.12	ug/l	0.00
Spiked Amount			Recovery	=	106.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	129697	58.405	ug/l	100
3) Chloromethane	1.32	50	156798	52.523	ug/l	100
4) Vinyl Chloride	1.41	62	140346	52.150	ug/l	99
5) Bromomethane	1.64	94	85964	52.721	ug/l	99
6) Chloroethane	1.71	64	81467	49.175	ug/l	100
7) Trichlorofluoromethane	1.92	101	158491	53.294	ug/l	97
8) Diethyl Ether	2.18	74	68959	49.344	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	94962	52.890	ug/l	100
10) Methyl Iodide	2.51	142	97134	44.277	ug/l	99
11) Tert butyl alcohol	3.05	59	153085	242.322	ug/l	100
12) 1,1-Dichloroethene	2.37	96	93674	50.899	ug/l	95
13) Acrolein	2.29	56	105273	236.348	ug/l	100
14) Allyl chloride	2.73	41	230236	51.472	ug/l	99
15) Acrylonitrile	3.14	53	369270	242.595	ug/l	100
16) Acetone	2.44	43	375019	252.850	ug/l	98
17) Carbon Disulfide	2.57	76	289724	51.975	ug/l	99
18) Methyl Acetate	2.77	43	162664	47.134	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	349456	50.295	ug/l	99
20) Methylene Chloride	2.85	84	110359	48.589	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	101764	49.696	ug/l	98
22) Diisopropyl ether	3.85	45	432455	50.812	ug/l	87
23) Vinyl Acetate	3.81	43	1964033	256.880	ug/l	100
24) 1,1-Dichloroethane	3.70	63	207653	50.346	ug/l	99
25) 2-Butanone	4.67	43	576207	249.359	ug/l	100
26) 2,2-Dichloropropane	4.58	77	162973	52.235	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	116383	49.236	ug/l	97
28) Bromochloromethane	5.01	49	96662	45.162	ug/l	100
29) Tetrahydrofuran	5.12	42	366385	247.257	ug/l	100
30) Chloroform	5.21	83	187099	50.299	ug/l	98
31) Cyclohexane	5.57	56	212298	54.345	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	158831	52.431	ug/l	99
36) 1,1-Dichloropropene	5.79	75	150793	52.903	ug/l	99
37) Ethyl Acetate	4.83	43	210814	53.080	ug/l	99
38) Carbon Tetrachloride	5.78	117	134752	54.708	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	192682	56.989	ug/l	99
40) Benzene	6.14	78	452227	53.484	ug/l	100
41) Methacrylonitrile	5.04	41	119624	51.546	ug/l	99
42) 1,2-Dichloroethane	6.19	62	163101	52.177	ug/l	100
43) Isopropyl Acetate	6.44	43	334318	52.169	ug/l	99
44) Trichloroethene	7.21	130	107806	52.490	ug/l	98
45) 1,2-Dichloropropane	7.51	63	127221	52.268	ug/l	97
46) Dibromomethane	7.66	93	72597	50.670	ug/l	100
47) Bromodichloromethane	7.90	83	147766	54.236	ug/l	99
48) Methyl methacrylate	7.77	41	168661	53.166	ug/l	100
49) 1,4-Dioxane	7.73	88	60602	1026.997	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	1096889	263.124	ug/l	100
52) Toluene	8.78	92	275156	53.597	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	176761	54.097	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	193301	54.296	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	107652	52.099	ug/l	97
56) Ethyl methacrylate	9.18	69	203614	55.350	ug/l	100
57) 1,3-Dichloropropane	9.37	76	193112	52.040	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	582638	302.042	ug/l	99
59) 2-Hexanone	9.49	43	864148	269.246	ug/l	100
60) Dibromochloromethane	9.58	129	109201	53.725	ug/l	99
61) 1,2-Dibromoethane	9.67	107	111421	52.487	ug/l	100
64) Tetrachloroethene	9.34	164	96613	53.669	ug/l	96
65) Chlorobenzene	10.13	112	283341	52.515	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	101807	54.403	ug/l	100
67) Ethyl Benzene	10.25	91	530597	54.771	ug/l	99
68) m/p-Xylenes	10.35	106	394573	110.249	ug/l	99
69) o-Xylene	10.69	106	188321	54.867	ug/l	100
70) Styrene	10.71	104	333797	55.460	ug/l	100
71) Bromoform	10.85	173	85970	56.202	ug/l	98
73) Isopropylbenzene	11.02	105	510018	52.871	ug/l	100
74) N-amyl acetate	10.90	43	305011	52.915	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	179178	49.788	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	216883	69.371	ug/l	82
77) Bromobenzene	11.25	156	125033	50.861	ug/l	98
78) n-propylbenzene	11.36	91	607459	54.633	ug/l	100
79) 2-Chlorotoluene	11.42	91	352090	51.828	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	436422	53.702	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	65710	52.001	ug/l	98
82) 4-Chlorotoluene	11.51	91	414500	52.414	ug/l	100
83) tert-Butylbenzene	11.77	119	416157	53.526	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	437470	53.007	ug/l	100
85) sec-Butylbenzene	11.94	105	501911	54.263	ug/l	100
86) p-Isopropyltoluene	12.06	119	464885	55.878	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	226354	51.718	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	226224	50.683	ug/l	99
89) n-Butylbenzene	12.38	91	441158	56.423	ug/l	100
90) Hexachloroethane	12.59	117	79129	55.422	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	220004	50.985	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	41326	48.785	ug/l	99

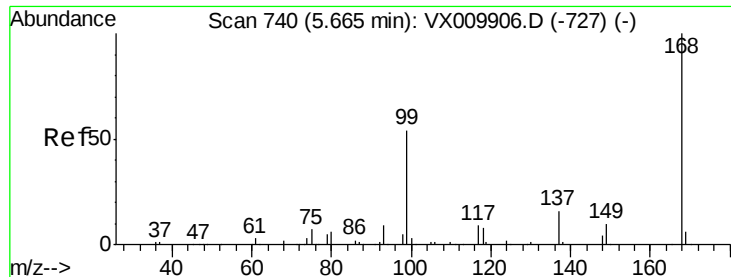
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Quant Title : SW846 8260
QLast Update : Wed May 29 04:00:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	162067	52.557	ug/l	99
94) Hexachlorobutadiene	13.78	225	84904	54.894	ug/l	99
95) Naphthalene	13.83	128	497892	51.885	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	158825	51.455	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009911.D

Acq: 28 May 2019 13:22

Instrument :

MSVOA_X

ClientSampleId :

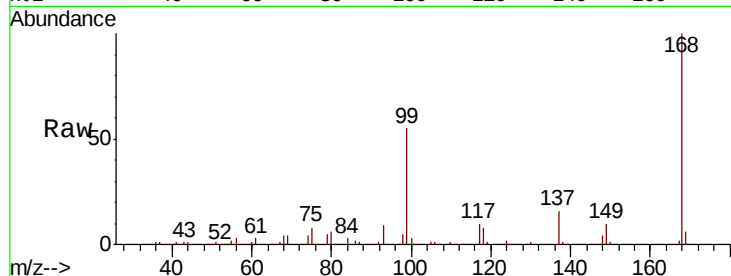
ICVVX052819

Tot Ion:168 Resp: 181725

Ion Ratio Lower Upper

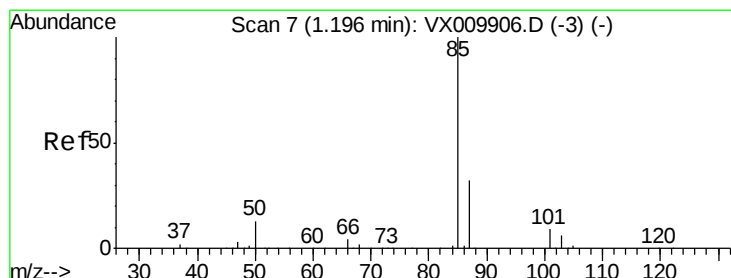
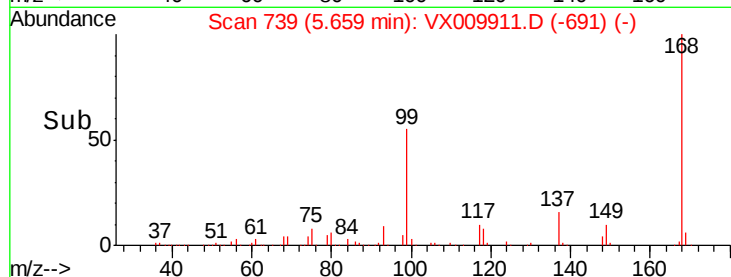
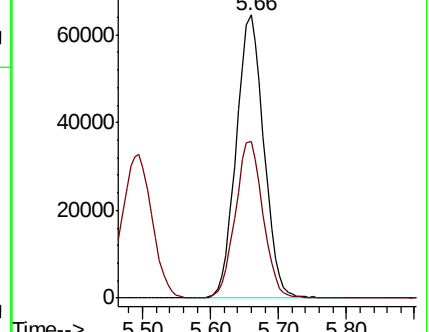
168 100

99 55.0 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 58.405 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX009911.D

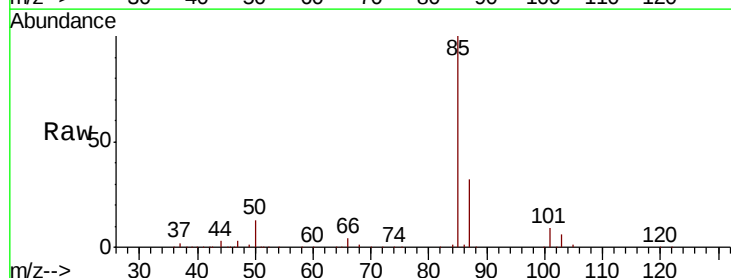
Acq: 28 May 2019 13:22

Tgt Ion: 85 Resp: 129697

Ion Ratio Lower Upper

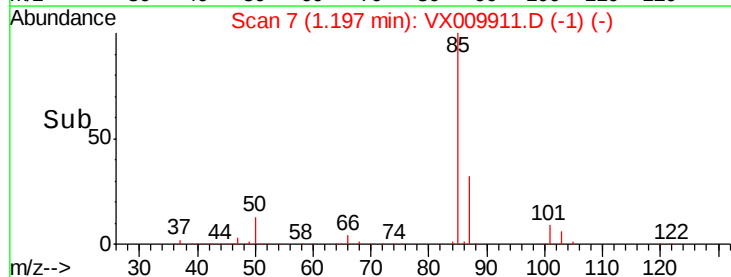
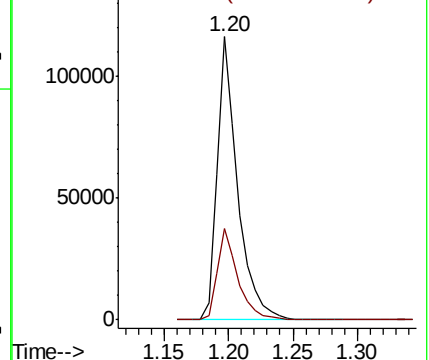
85 100

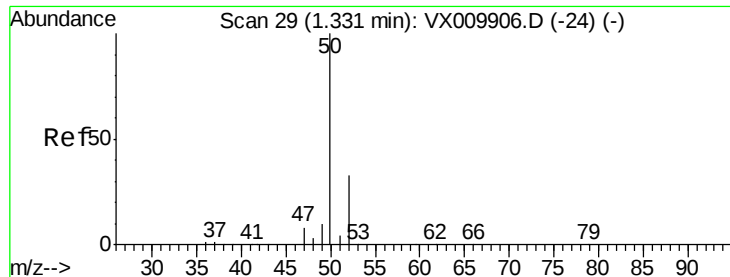
87 32.3 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 52.523 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX009911.D

Acq: 28 May 2019 13:22

Instrument :

MSVOA_X

ClientSampleId :

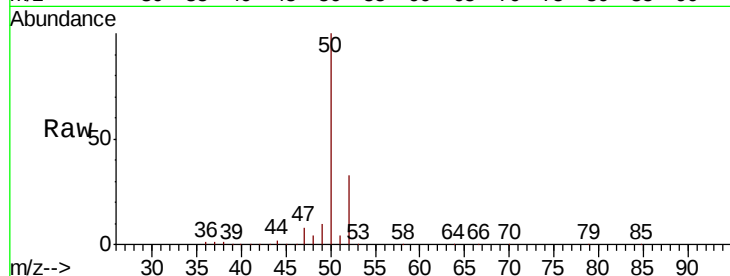
ICVVX052819

Tot Ion: 50 Resp: 156798

Ion Ratio Lower Upper

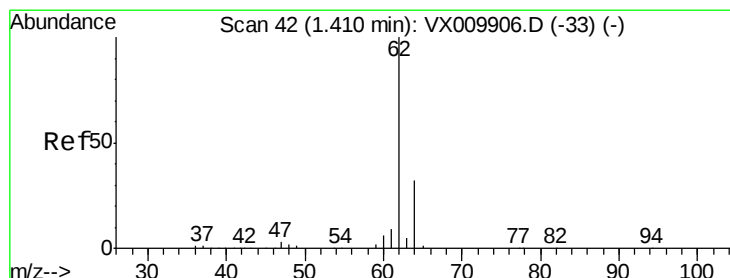
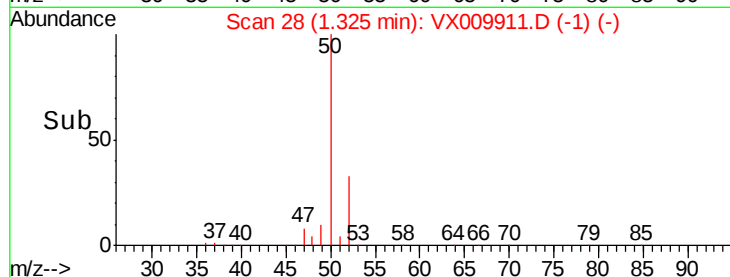
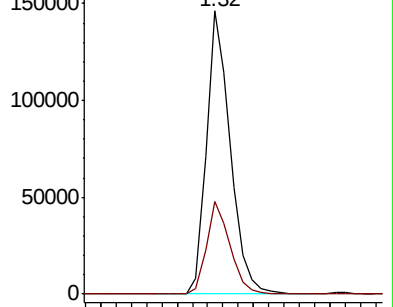
50 100

52 32.7 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 52.150 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX009911.D

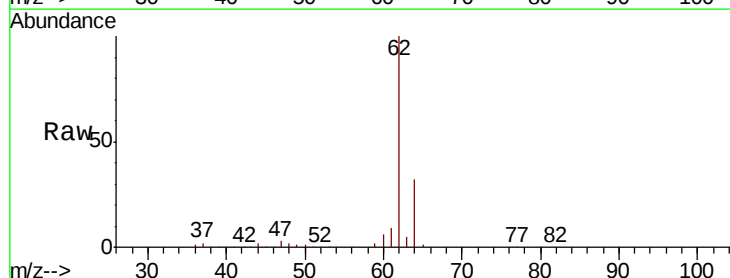
Acq: 28 May 2019 13:22

Tgt Ion: 62 Resp: 140346

Ion Ratio Lower Upper

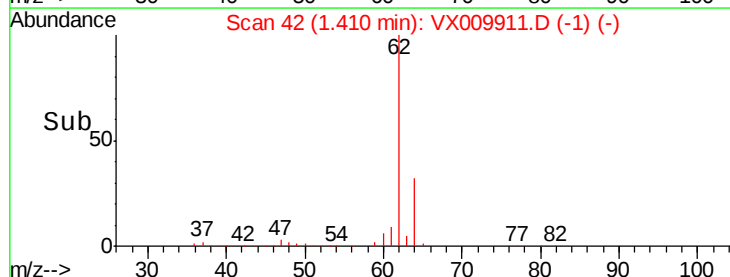
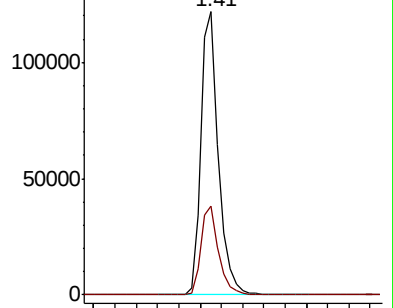
62 100

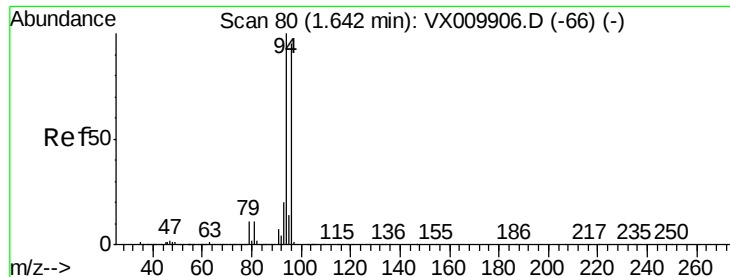
64 31.5 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 52.721 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX009911.D

Acq: 28 May 2019 13:22

Instrument :

MSVOA_X

ClientSampleId :

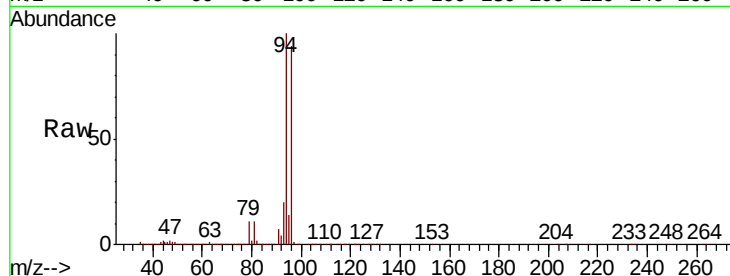
ICVVX052819

Tot Ion: 94 Resp: 85964

Ion Ratio Lower Upper

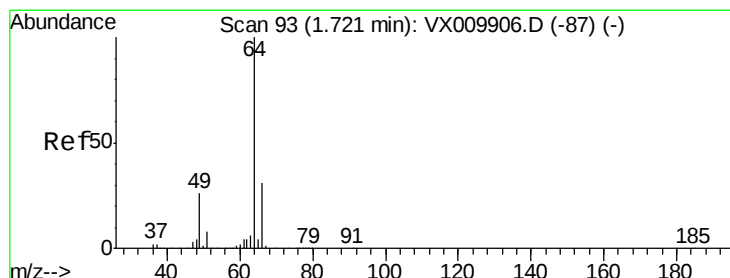
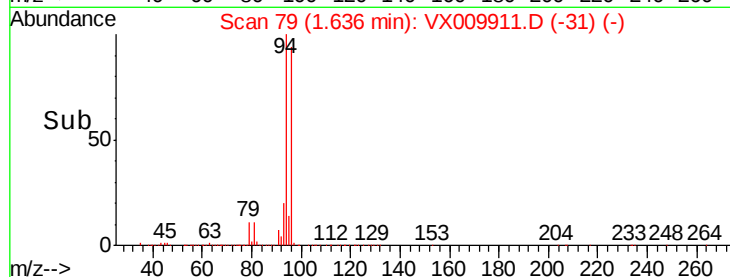
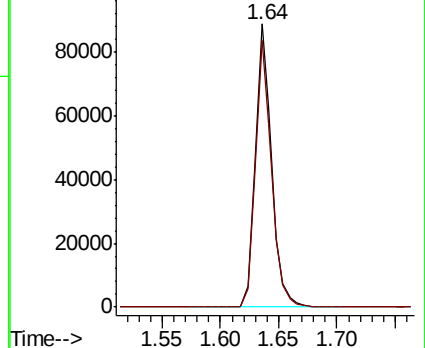
94 100

96 94.2 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 49.175 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX009911.D

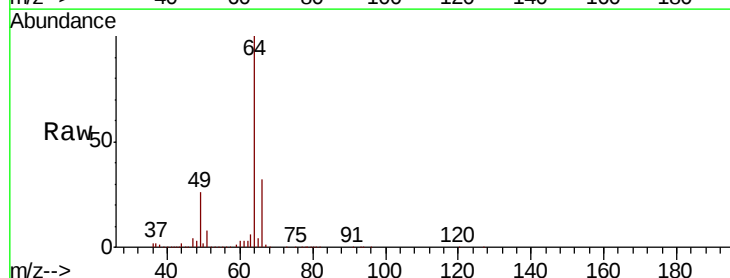
Acq: 28 May 2019 13:22

Tgt Ion: 64 Resp: 81467

Ion Ratio Lower Upper

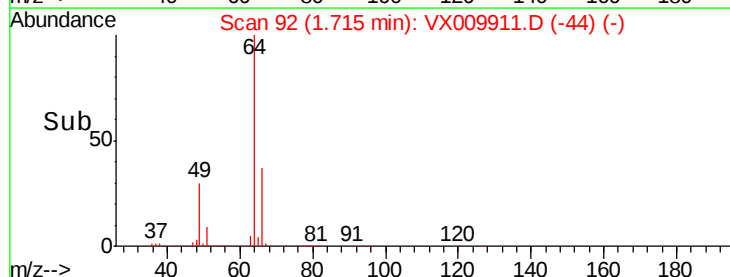
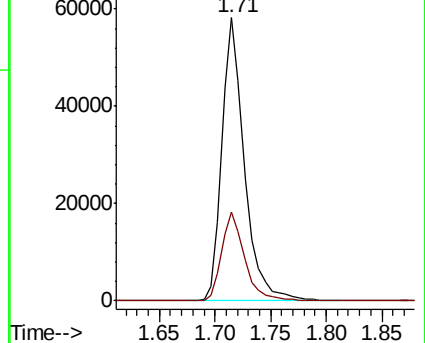
64 100

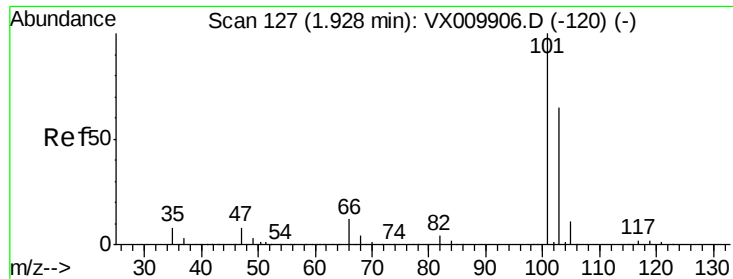
66 31.6 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



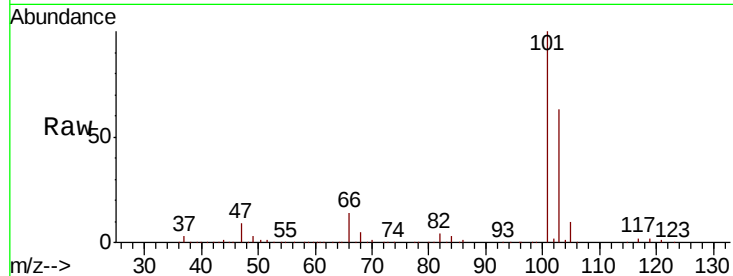


#7

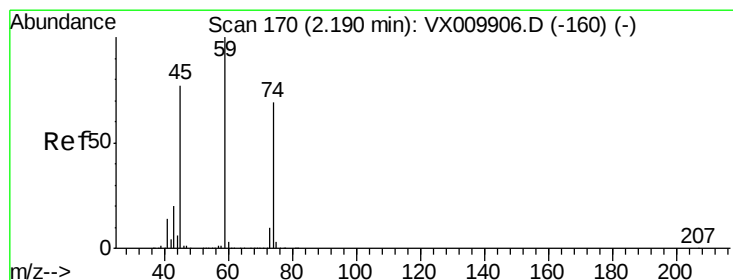
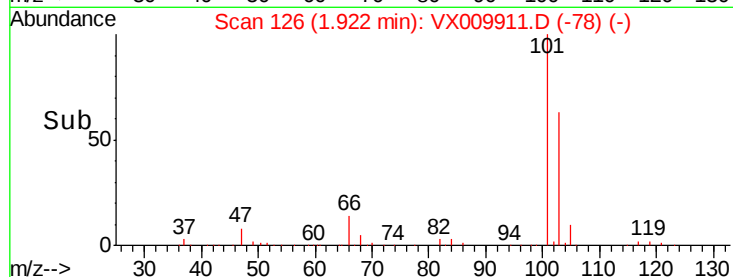
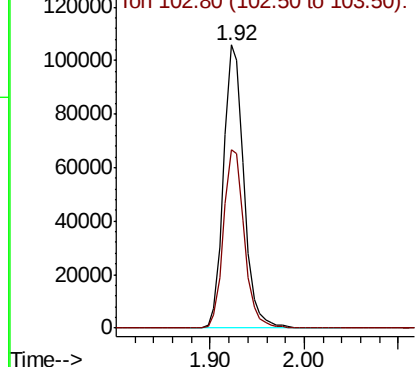
Trichlorofluoromethane
 Concen: 53.294 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.01 min
 Lab File: VX009911.D
 Acq: 28 May 2019 13:22

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX052819

Tot Ion:101 Resp: 158491
 Ion Ratio Lower Upper
 101 100
 103 63.0 52.2 78.4



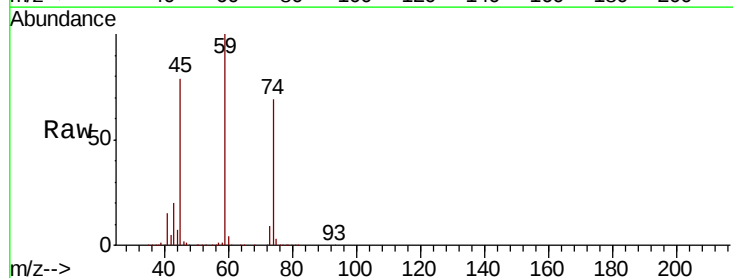
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



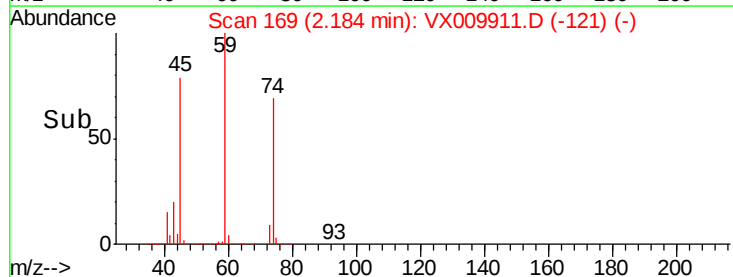
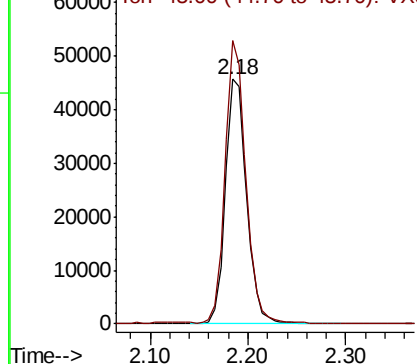
#8

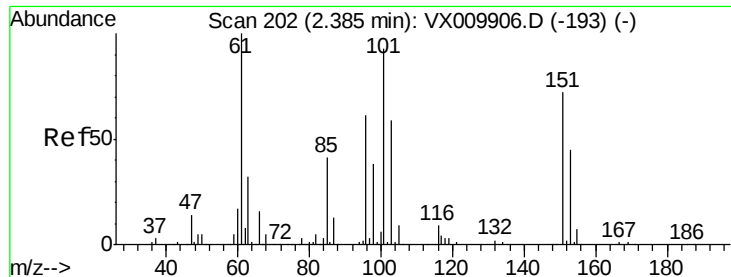
Diethyl Ether
 Concen: 49.344 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. -0.01 min
 Lab File: VX009911.D
 Acq: 28 May 2019 13:22

Tgt Ion: 74 Resp: 68959
 Ion Ratio Lower Upper
 74 100
 45 111.5 56.1 168.3



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.890 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX009911.D

Acq: 28 May 2019 13:22

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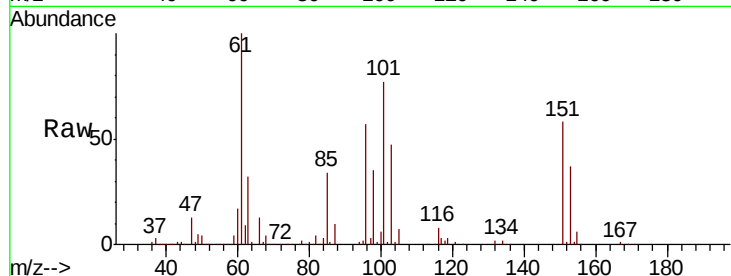
Tot Ion:101 Resp: 94962

Ion Ratio Lower Upper

101 100

85 44.2 35.2 52.8

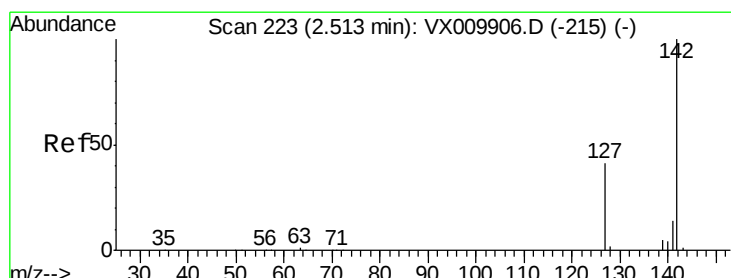
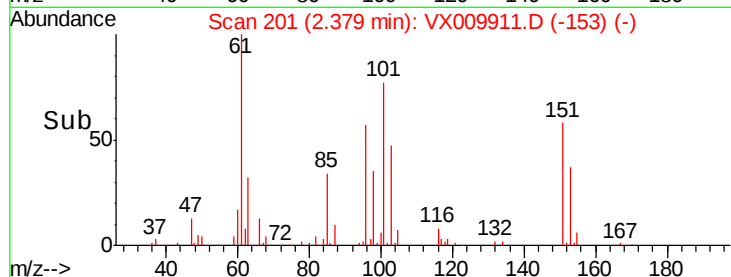
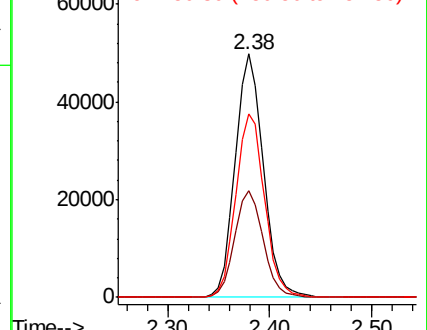
151 77.0 61.9 92.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 44.277 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.01 min

Lab File: VX009911.D

Acq: 28 May 2019 13:22

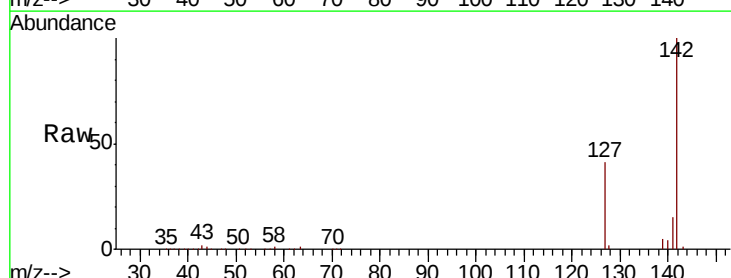
Tgt Ion:142 Resp: 97134

Ion Ratio Lower Upper

142 100

127 41.8 33.0 49.4

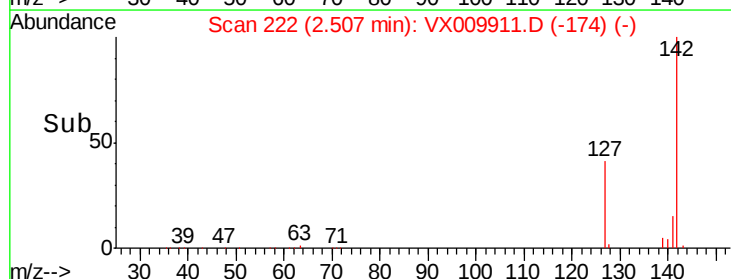
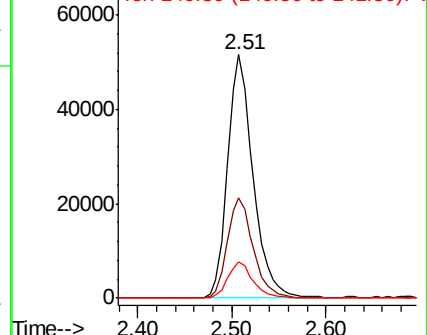
141 14.7 11.4 17.0

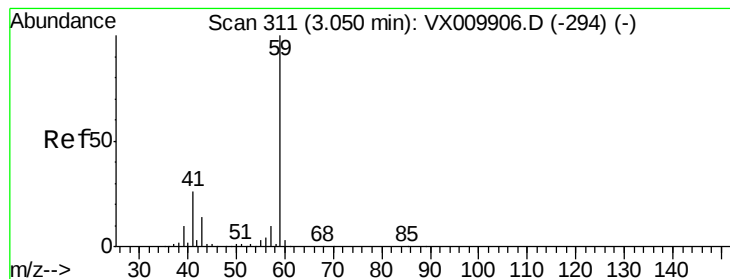


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



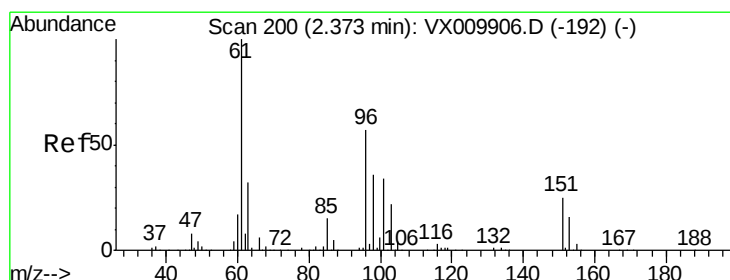
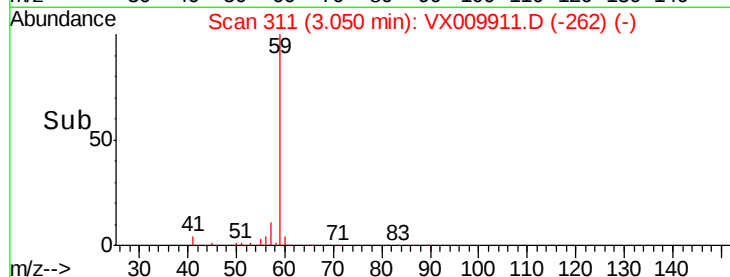
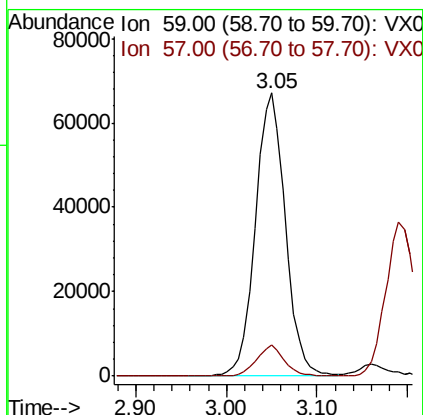
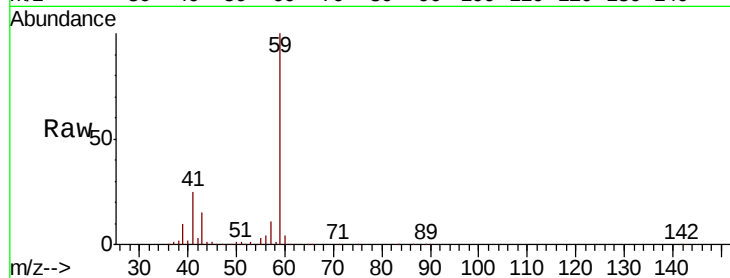


#11

Tert butyl alcohol
 Concen: 242.322 ug/l
 RT: 3.05 min Scan# 311
 Delta R.T. 0.00 min
 Lab File: VX009911.D
 Acq: 28 May 2019 13:22

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX052819

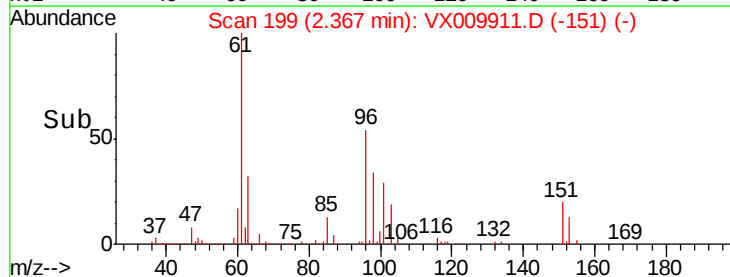
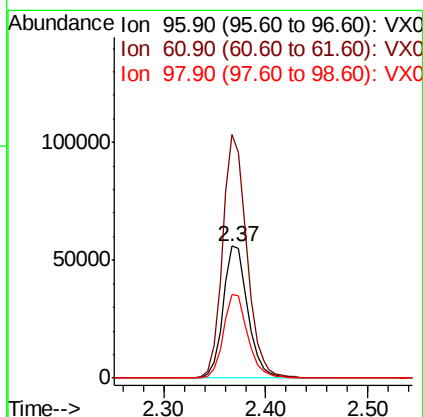
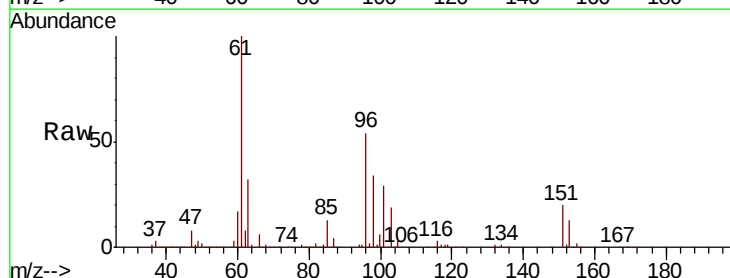
Tot Ion: 59 Resp: 153085
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.2 12.2

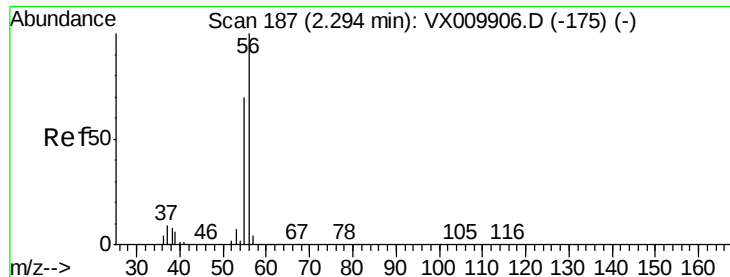


#12

1,1-Dichloroethene
 Concen: 50.899 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. -0.01 min
 Lab File: VX009911.D
 Acq: 28 May 2019 13:22

Tgt Ion: 96 Resp: 93674
 Ion Ratio Lower Upper
 96 100
 61 184.8 140.7 211.1
 98 63.6 50.1 75.1





#13

Acrolein

Concen: 236.348 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX009911.D

Acq: 28 May 2019 13:22

Instrument :

MSVOA_X

ClientSampleId :

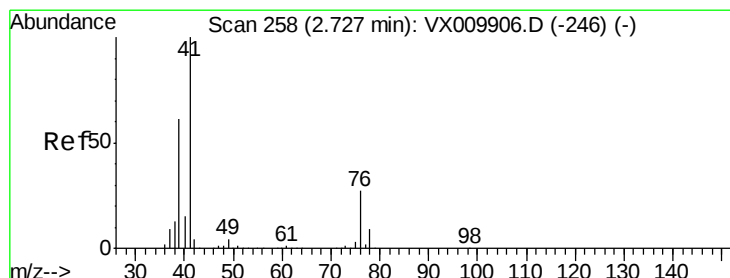
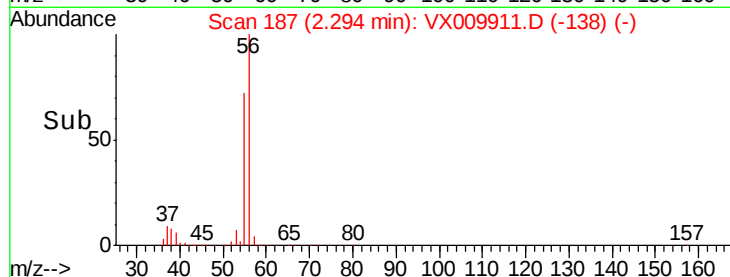
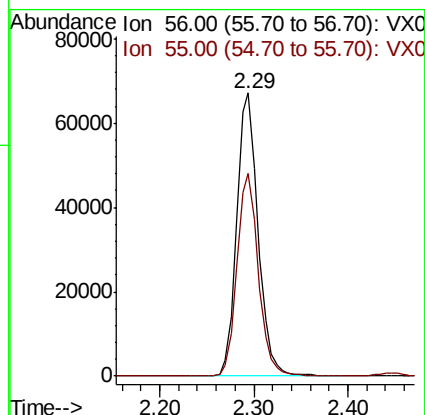
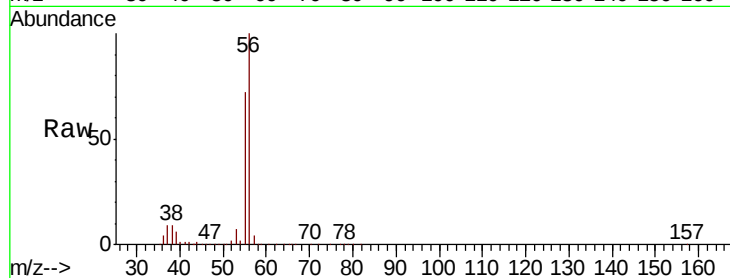
ICVVX052819

Tot Ion: 56 Resp: 105273

Ion Ratio Lower Upper

56 100

55 71.6 57.0 85.4



#14

Allyl chloride

Concen: 51.472 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX009911.D

Acq: 28 May 2019 13:22

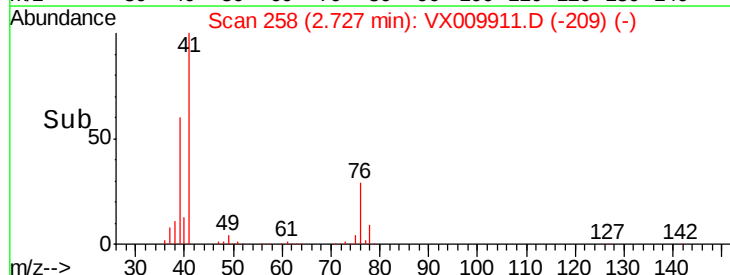
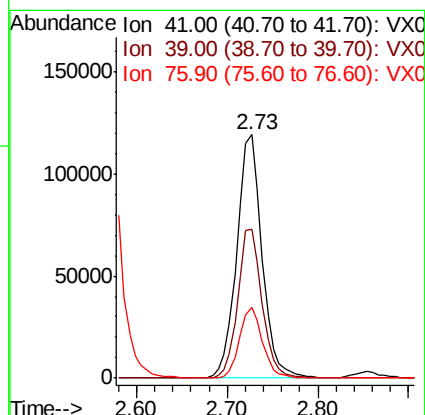
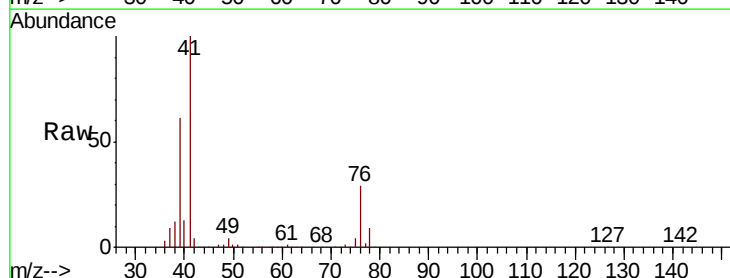
Tgt Ion: 41 Resp: 230236

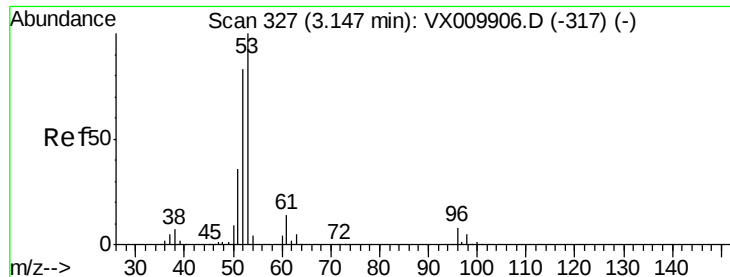
Ion Ratio Lower Upper

41 100

39 58.9 46.7 70.1

76 26.7 21.0 31.4





#15

Acrylonitrile

Concen: 242.595 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX009911.D

Acq: 28 May 2019 13:22

Instrument :

MSVOA_X

ClientSampleId :

ICVVX052819

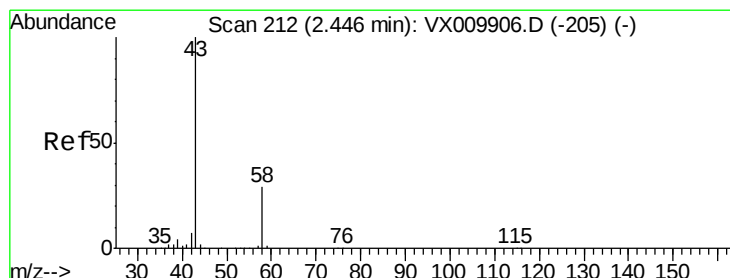
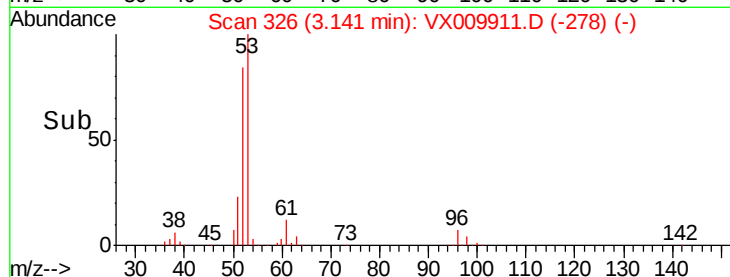
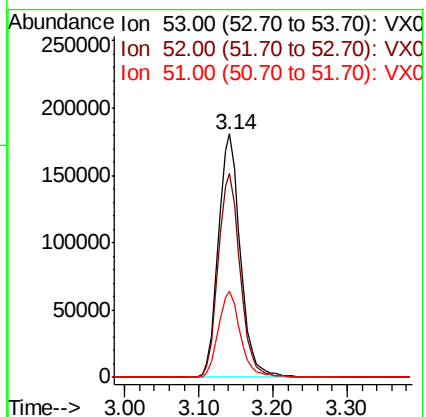
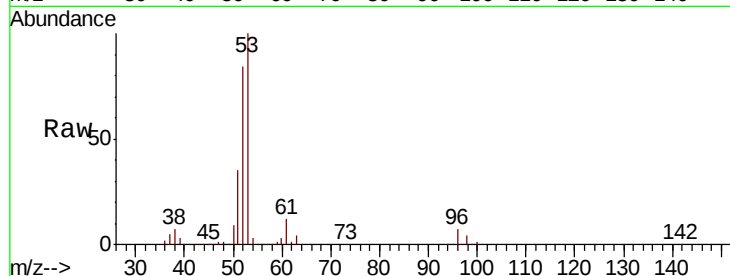
Tot Ion: 53 Resp: 369270

Ion Ratio Lower Upper

53 100

52 83.7 66.7 100.1

51 35.5 28.8 43.2



#16

Acetone

Concen: 252.850 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009911.D

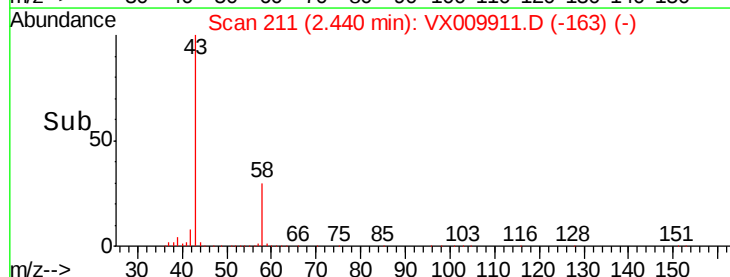
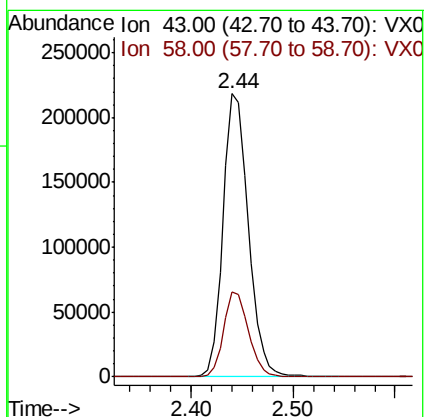
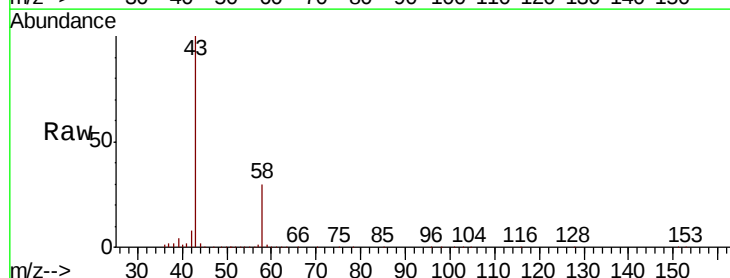
Acq: 28 May 2019 13:22

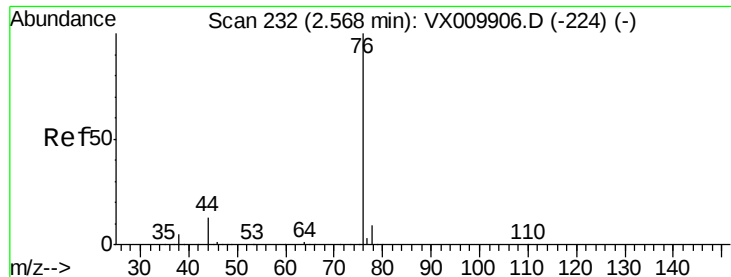
Tgt Ion: 43 Resp: 375019

Ion Ratio Lower Upper

43 100

58 30.1 23.2 34.8

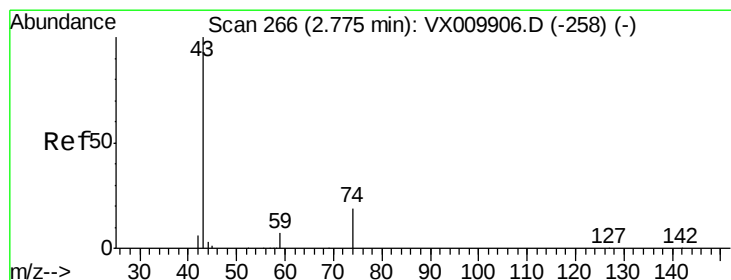
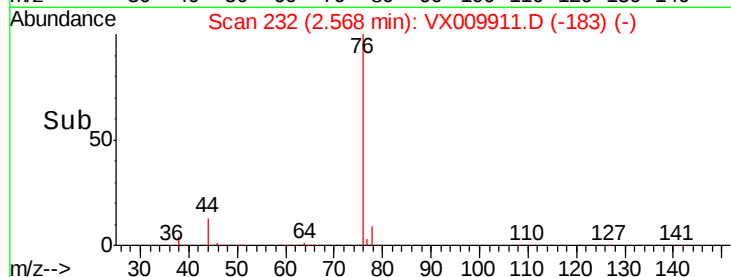
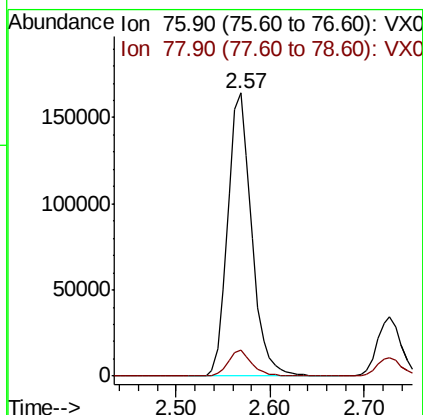
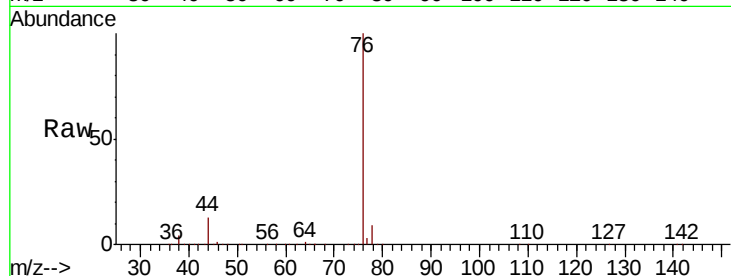




#17
Carbon Disulfide
Concen: 51.975 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX009911.D
Acq: 28 May 2019 13:22

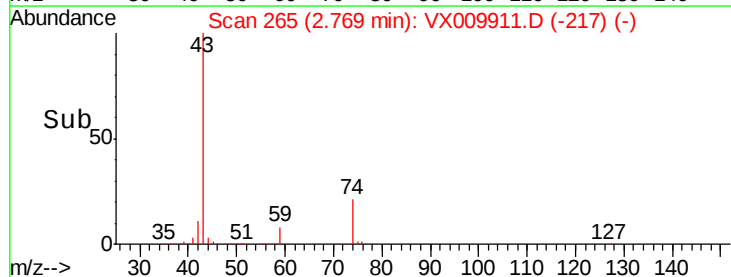
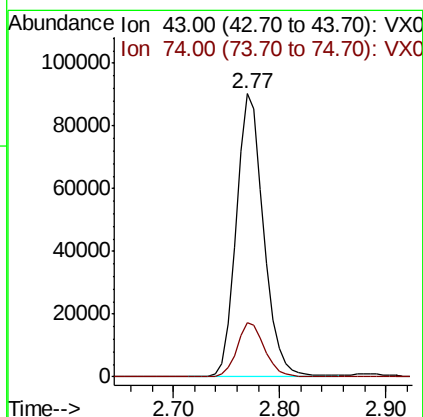
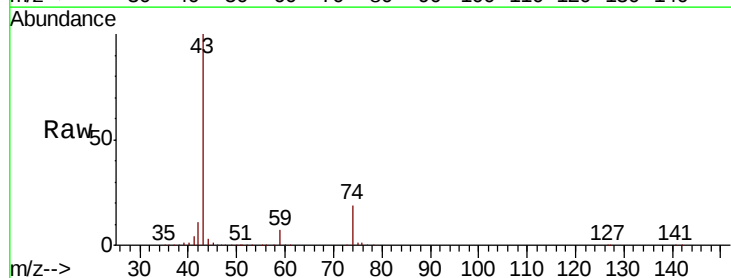
Instrument :
MSVOA_X
ClientSampleId :
ICVVX052819

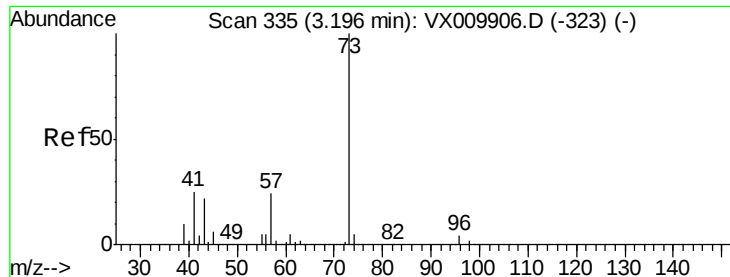
Tot Ion: 76 Resp: 289724
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6



#18
Methyl Acetate
Concen: 47.134 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX009911.D
Acq: 28 May 2019 13:22

Tgt Ion: 43 Resp: 162664
Ion Ratio Lower Upper
43 100
74 19.6 15.8 23.6

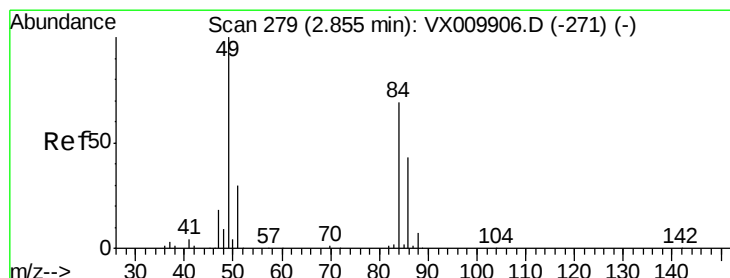
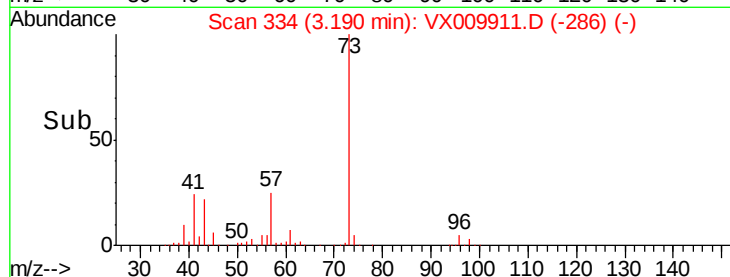
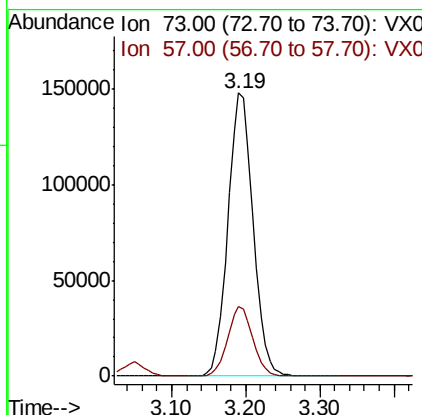
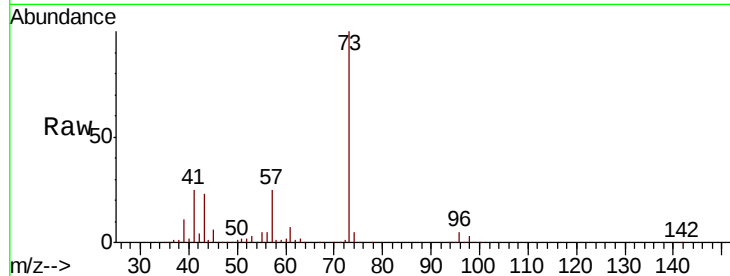




#19
Methvl tert-butvl Ether
Concen: 50.295 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX009911.D
Acq: 28 May 2019 13:22

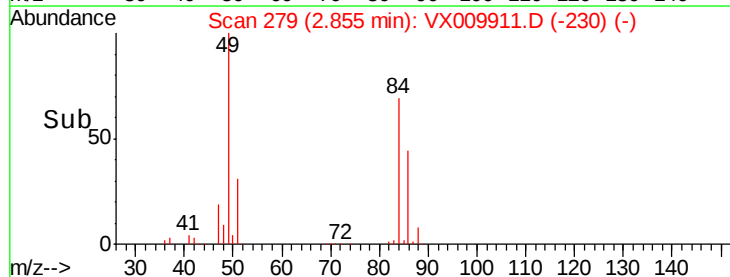
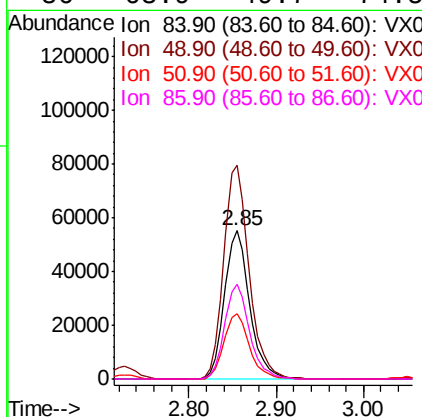
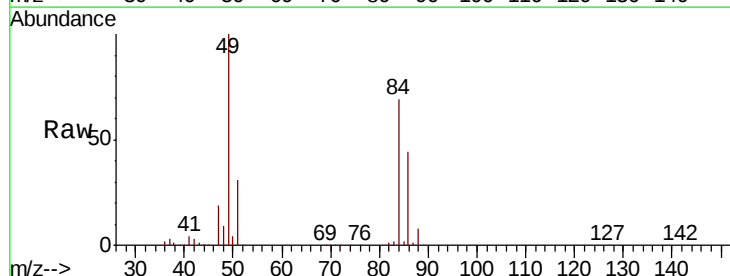
Instrument :
MSVOA_X
ClientSampleId :
ICVVX052819

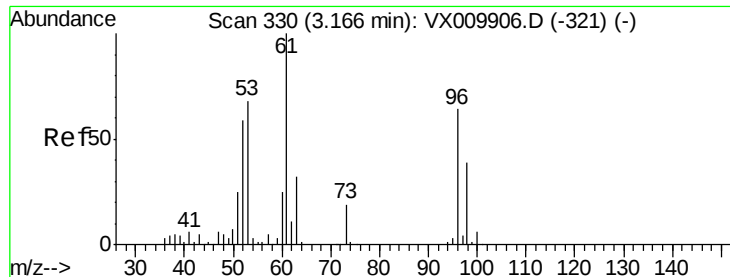
Tot Ion: 73 Resp: 349456
Ion Ratio Lower Upper
73 100
57 24.6 19.4 29.2



#20
Methylene Chloride
Concen: 48.589 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX009911.D
Acq: 28 May 2019 13:22

Tgt Ion: 84 Resp: 110359
Ion Ratio Lower Upper
84 100
49 144.0 115.8 173.6
51 43.9 34.4 51.6
86 63.9 49.7 74.5





#21

trans-1,2-Dichloroethene

Concen: 49.696 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX009911.D

Acq: 28 May 2019 13:22

Instrument :

MSVOA_X

ClientSampleId :

ICVVX052819

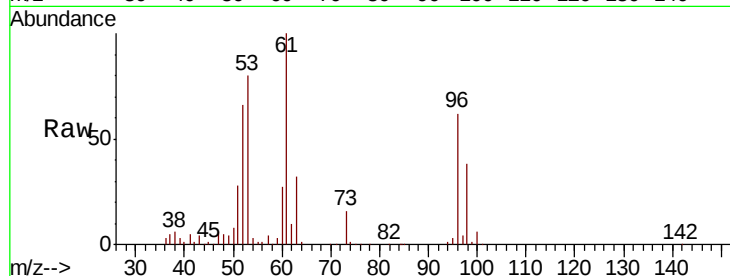
Tot Ion: 96 Resp: 101764

Ion Ratio Lower Upper

96 100

61 160.4 125.7 188.5

98 61.1 49.0 73.6

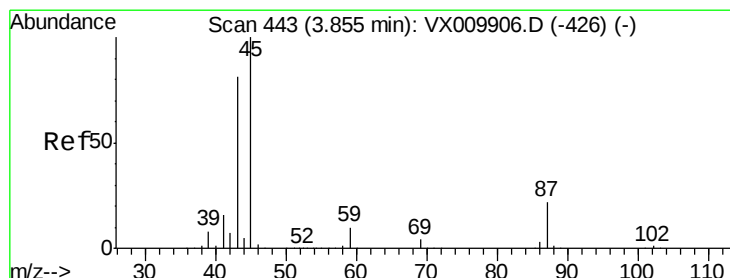
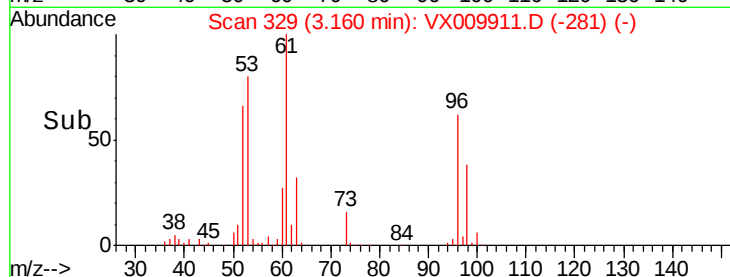
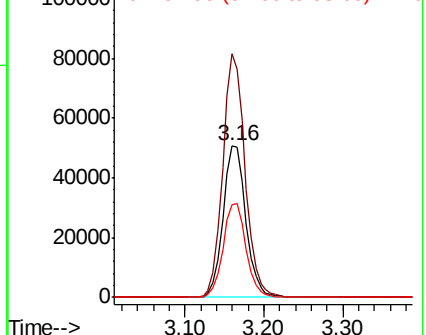


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 50.812 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX009911.D

Acq: 28 May 2019 13:22

Tgt Ion: 45 Resp: 432455

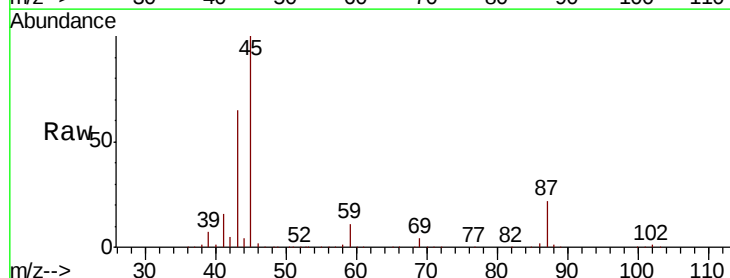
Ion Ratio Lower Upper

45 100

43 65.3 65.0 97.4

87 22.5 17.3 25.9

59 10.7 8.1 12.1



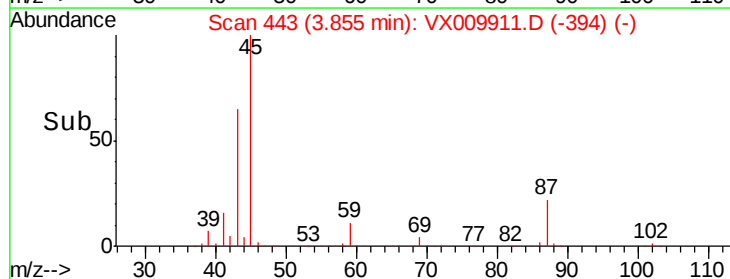
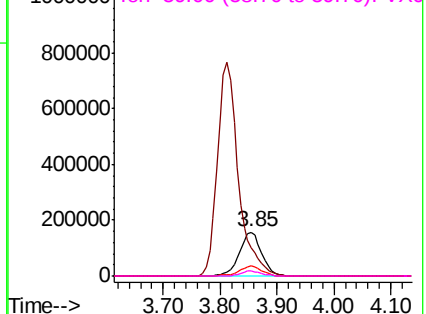
Abundance

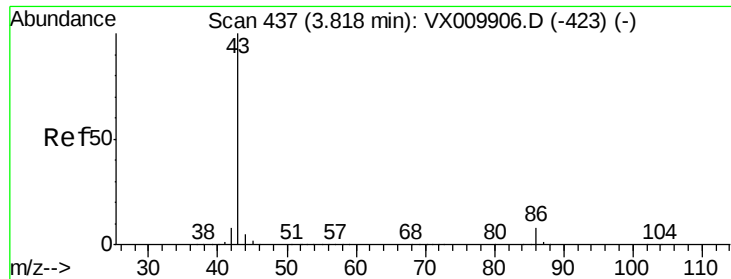
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 256.880 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX009911.D

Acq: 28 May 2019 13:22

Instrument :

MSVOA_X

ClientSampleId :

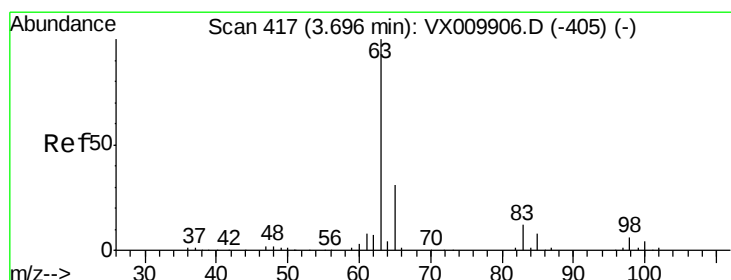
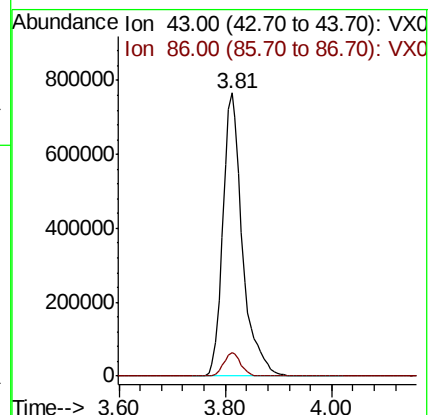
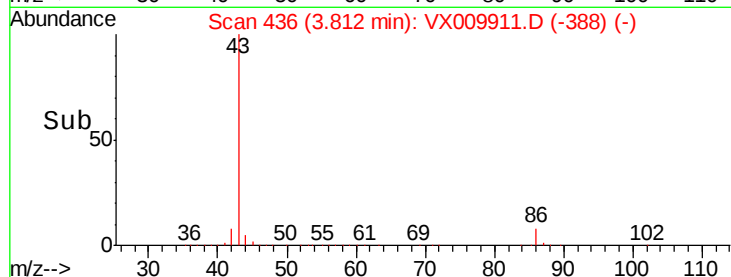
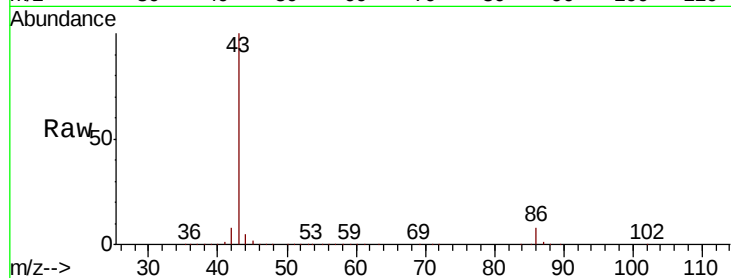
ICVVX052819

Tot Ion: 43 Resp: 1964033

Ion Ratio Lower Upper

43 100

86 8.1 6.5 9.7



#24

1,1-Dichloroethane

Concen: 50.346 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX009911.D

Acq: 28 May 2019 13:22

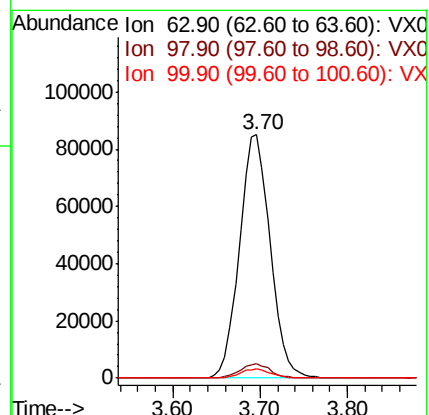
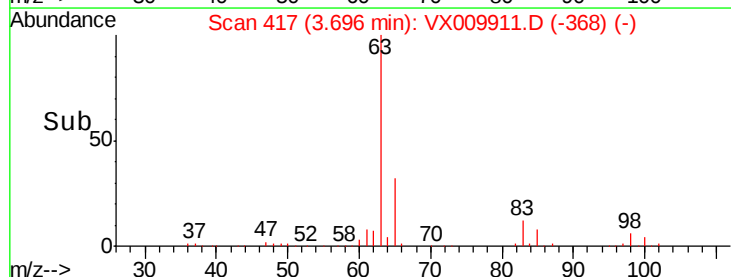
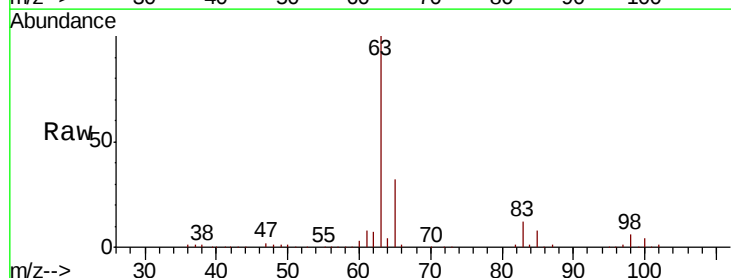
Tgt Ion: 63 Resp: 207653

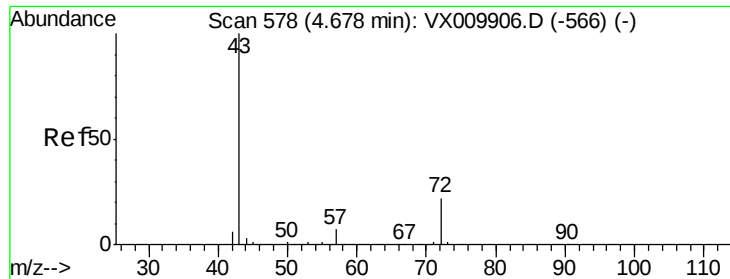
Ion Ratio Lower Upper

63 100

98 6.0 2.9 8.8

100 3.8 1.8 5.4





#25

2-Butanone

Concen: 249.359 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.01 min

Lab File: VX009911.D

Acq: 28 May 2019 13:22

Instrument :

MSVOA_X

ClientSampleId :

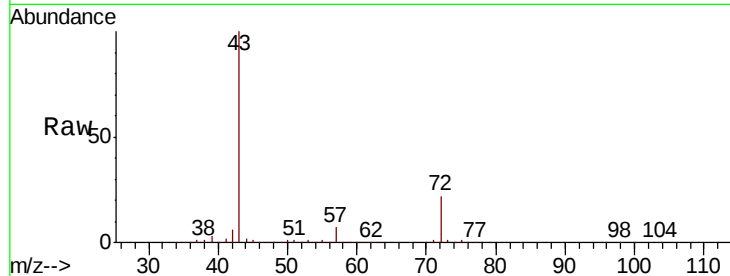
ICVVX052819

Tot Ion: 43 Resp: 576207

Ion Ratio Lower Upper

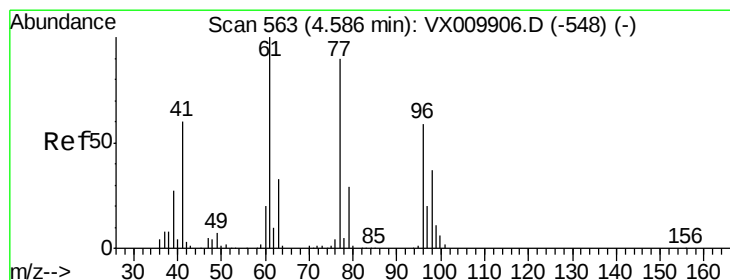
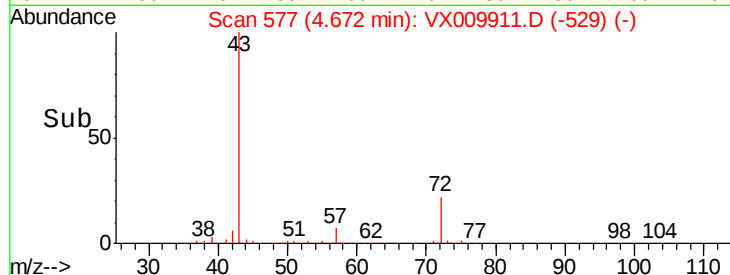
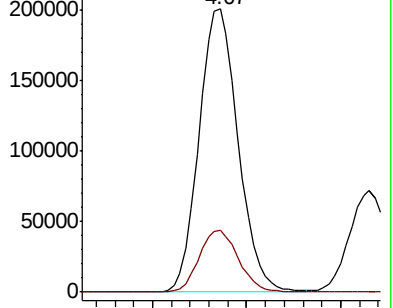
43 100

72 21.9 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 52.235 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX009911.D

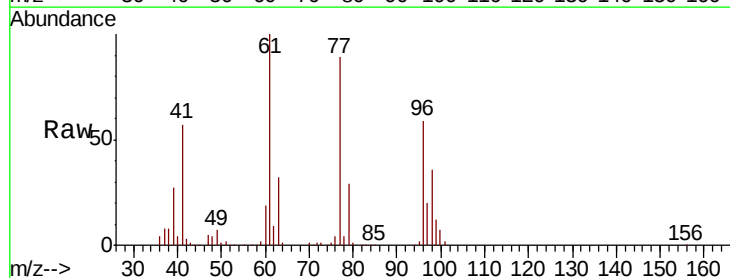
Acq: 28 May 2019 13:22

Tgt Ion: 77 Resp: 162973

Ion Ratio Lower Upper

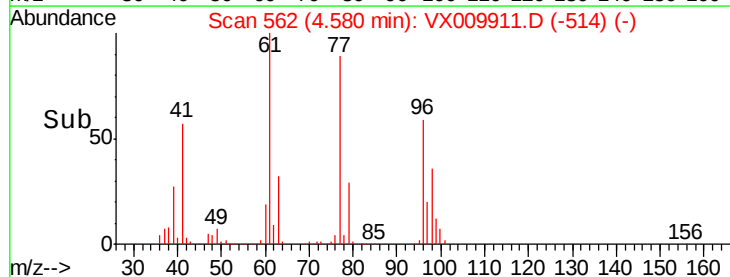
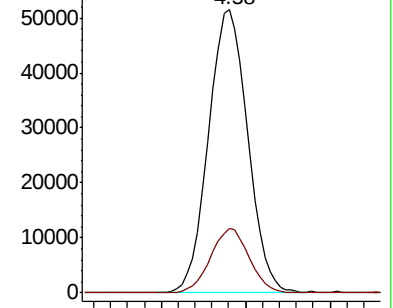
77 100

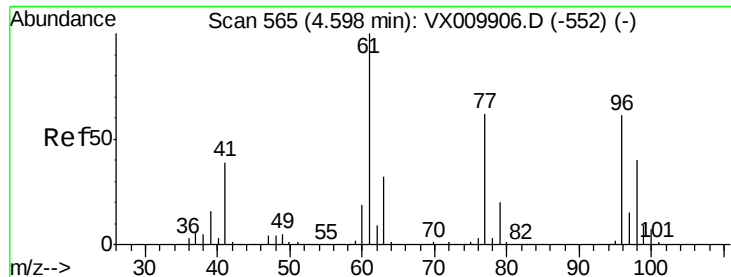
97 22.4 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



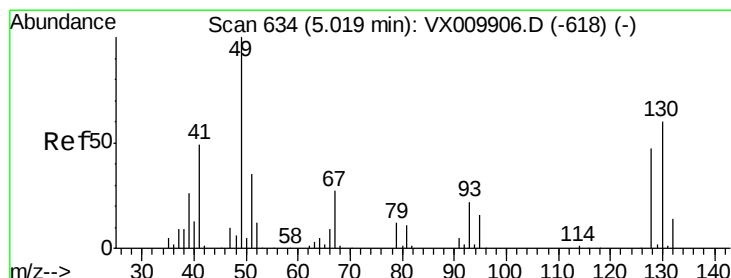
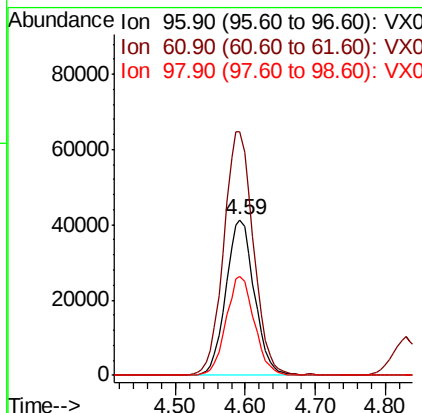
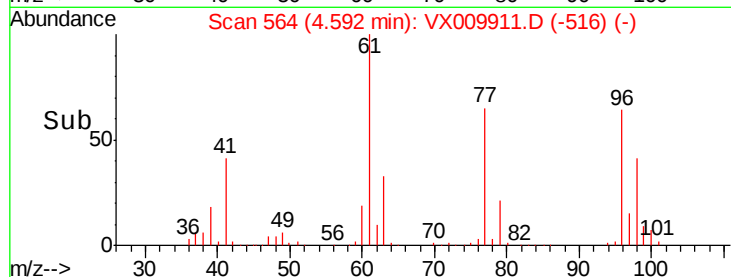
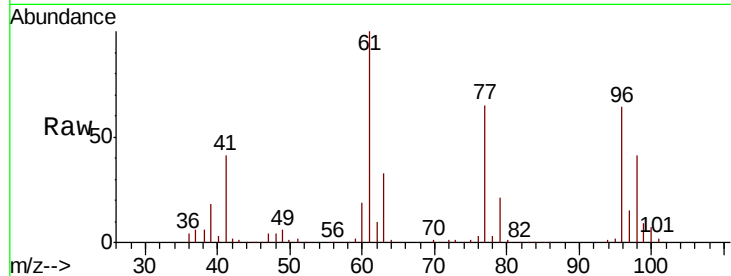


#27

cis-1,2-Dichloroethene
Concen: 49.236 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX009911.D
Acq: 28 May 2019 13:22

Instrument :
MSVOA_X
ClientSampleId :
ICVVX052819

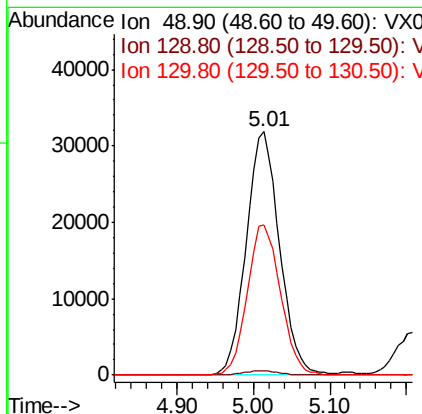
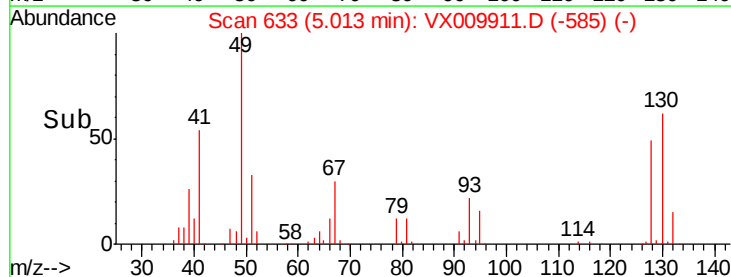
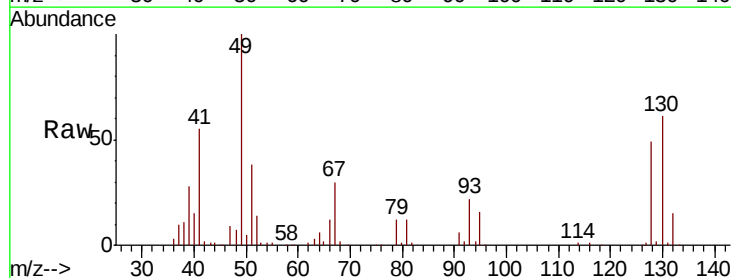
Tot Ion: 96 Resp: 116383
Ion Ratio Lower Upper
96 100
61 163.5 0.0 334.0
98 63.3 0.0 131.6

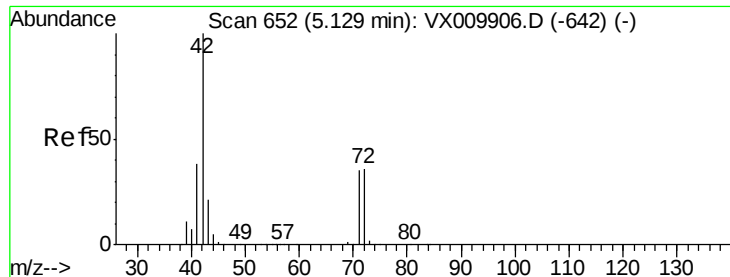


#28

Bromochloromethane
Concen: 45.162 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX009911.D
Acq: 28 May 2019 13:22

Tgt Ion: 49 Resp: 96662
Ion Ratio Lower Upper
49 100
129 1.7 0.0 3.4
130 61.7 49.4 74.2





#29

Tetrahydrofuran

Concen: 247.257 ug/l

RT: 5.12 min Scan# 651

Delta R.T. -0.01 min

Lab File: VX009911.D

Acq: 28 May 2019 13:22

Instrument :

MSVOA_X

ClientSampleId :

ICVVX052819

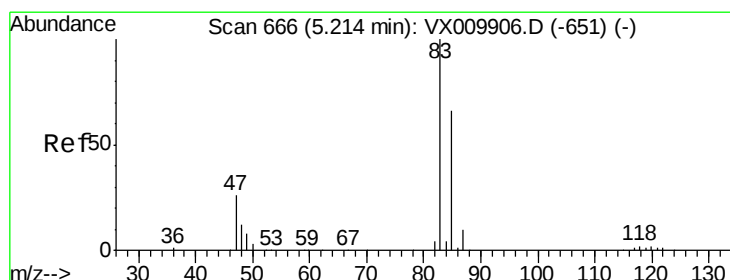
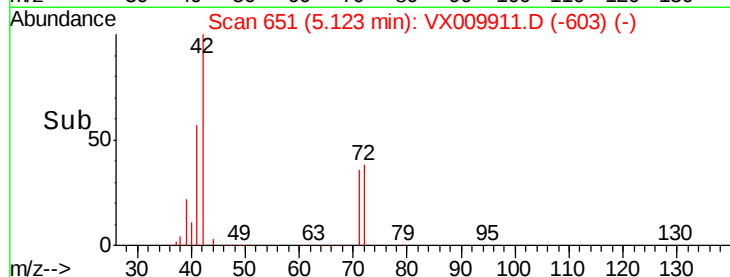
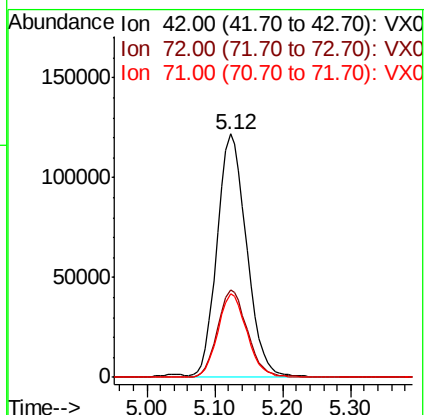
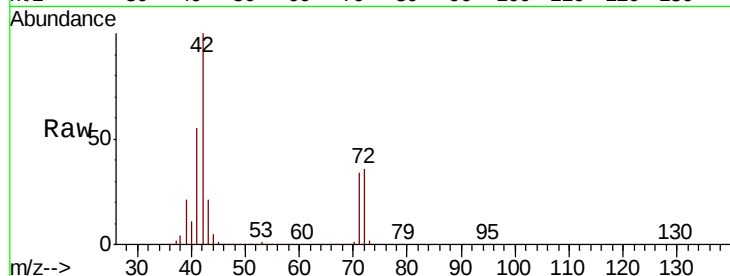
Tot Ion: 42 Resp: 366385

Ion Ratio Lower Upper

42 100

72 36.6 29.2 43.8

71 34.2 27.6 41.4



#30

Chloroform

Concen: 50.299 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.01 min

Lab File: VX009911.D

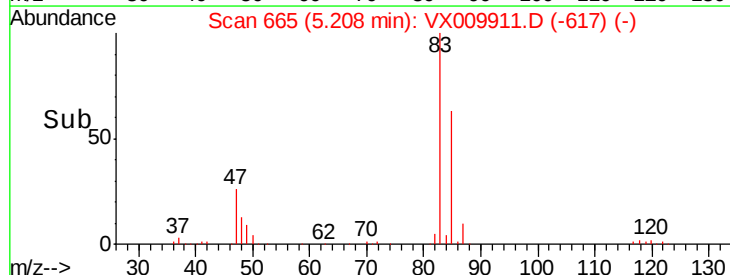
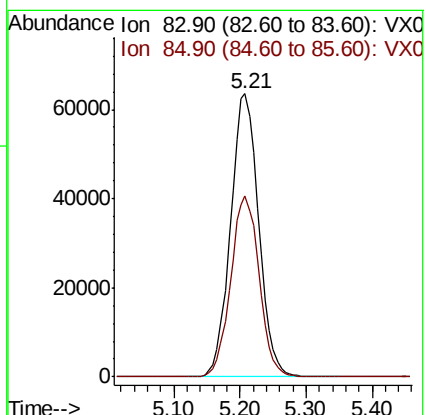
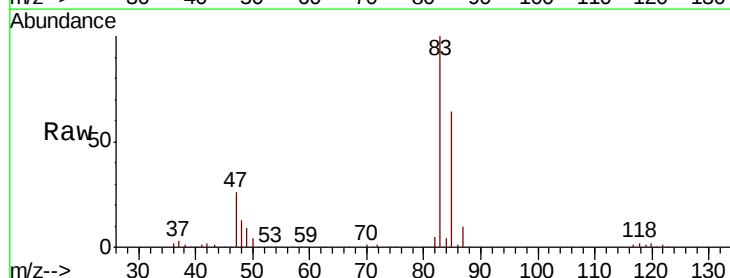
Acq: 28 May 2019 13:22

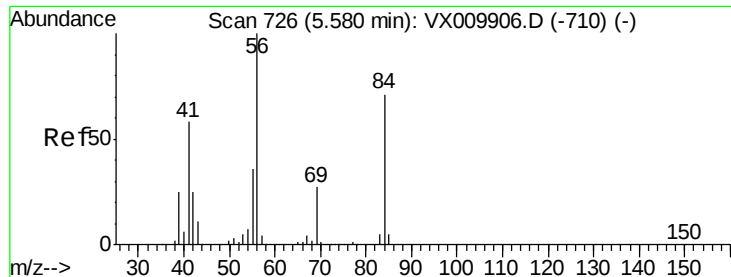
Tgt Ion: 83 Resp: 187099

Ion Ratio Lower Upper

83 100

85 64.0 52.6 78.8

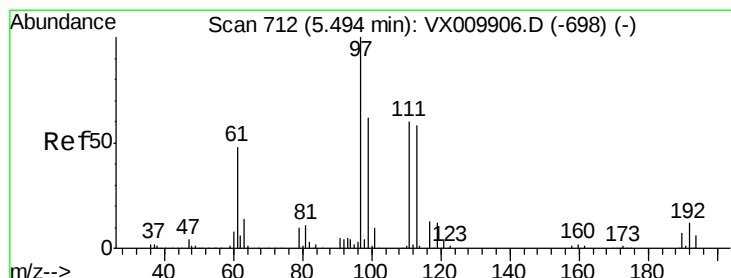
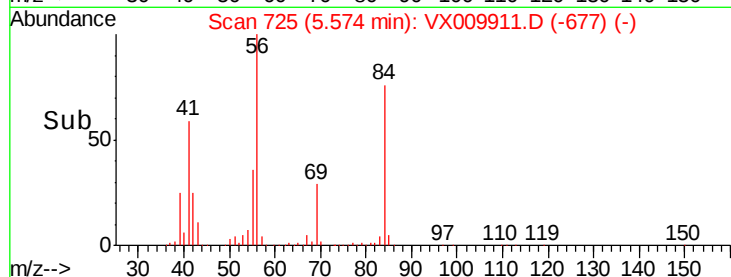
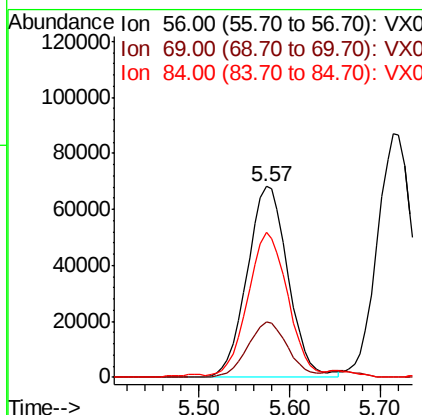
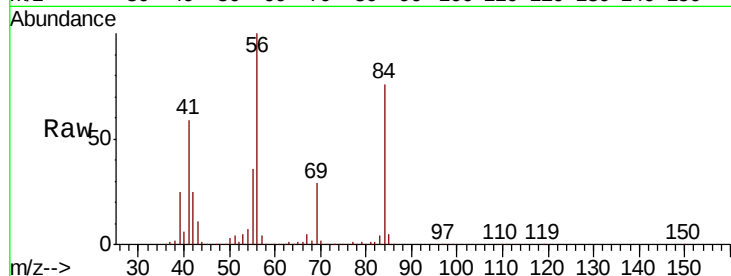




#31
Cyclohexane
Concen: 54.345 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX009911.D
Acq: 28 May 2019 13:22

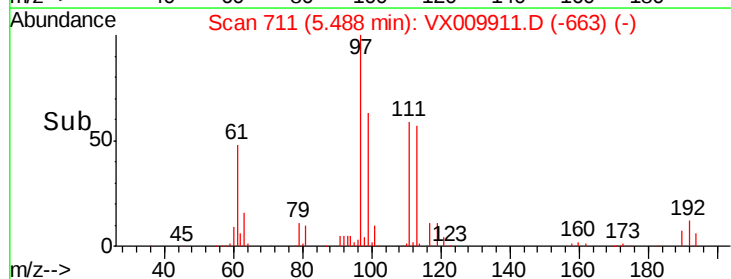
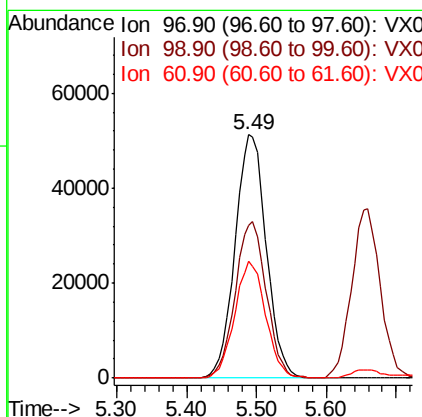
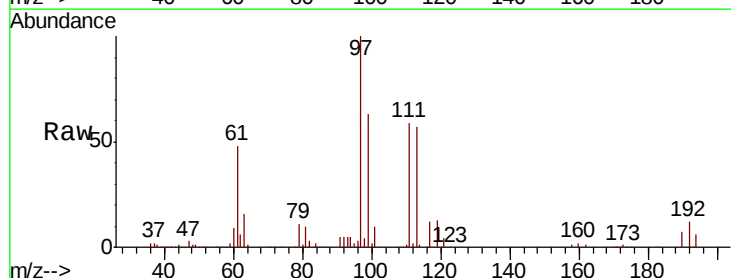
Instrument :
MSVOA_X
ClientSampleId :
ICVVX052819

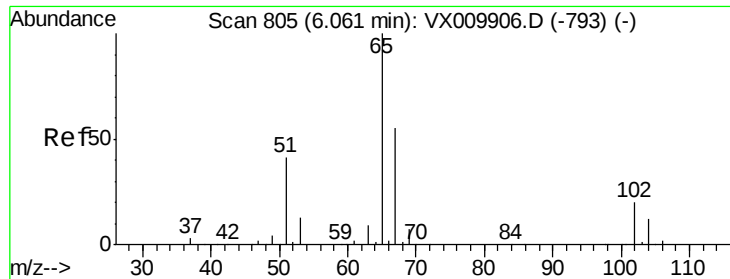
Tot Ion:	56	Resp:	212298
Ion	Ratio	Lower	Upper
56	100		
69	28.8	21.6	32.4
84	74.9	56.8	85.2



#32
1,1,1-Trichloroethane
Concen: 52.431 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.01 min
Lab File: VX009911.D
Acq: 28 May 2019 13:22

Tgt Ion:	97	Resp:	158831
Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.0	76.4
61	47.8	38.7	58.1





#33

1,2-Dichloroethane-d4

Concen: 48.145 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX009911.D

Acq: 28 May 2019 13:22

Instrument :

MSVOA_X

ClientSampleId :

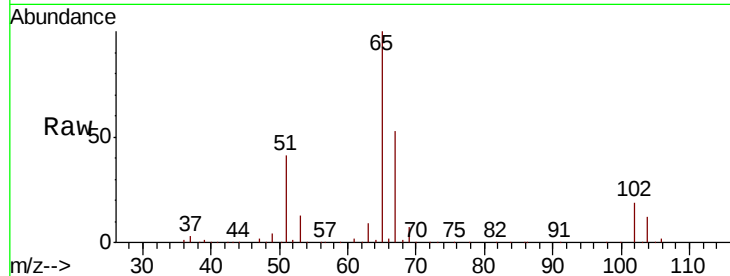
ICVVX052819

Tot Ion: 65 Resp: 123589

Ion Ratio Lower Upper

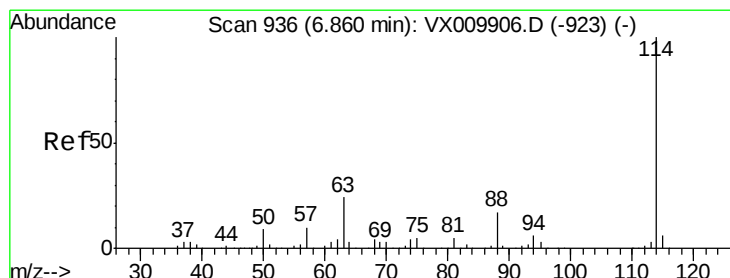
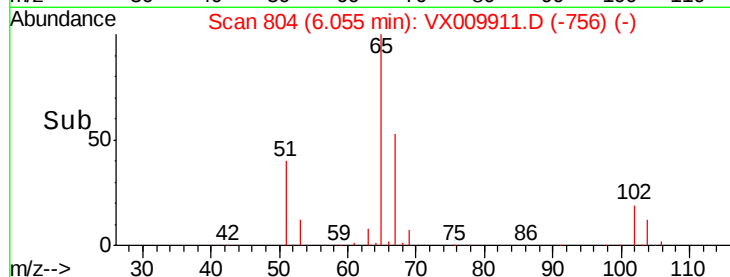
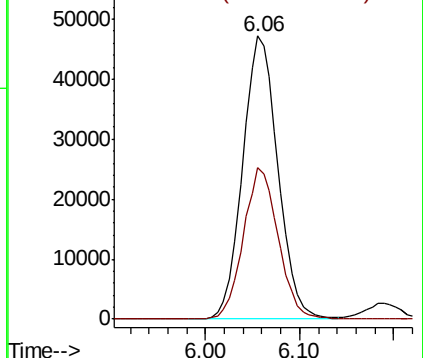
65 100

67 53.1 0.0 108.4



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: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX009911.D

Acq: 28 May 2019 13:22

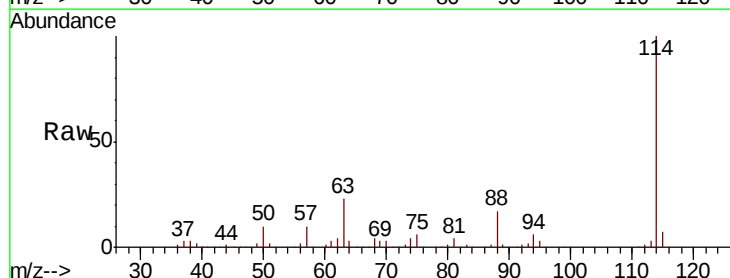
Tgt Ion: 114 Resp: 280929

Ion Ratio Lower Upper

114 100

63 23.3 0.0 47.4

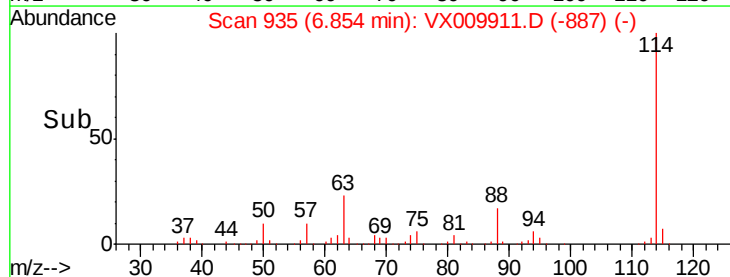
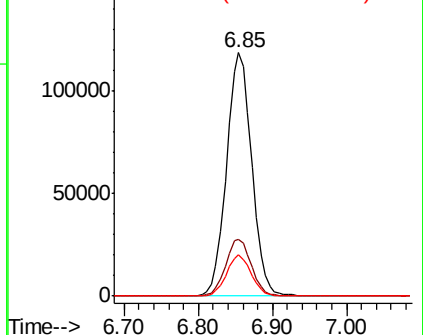
88 17.2 0.0 33.0

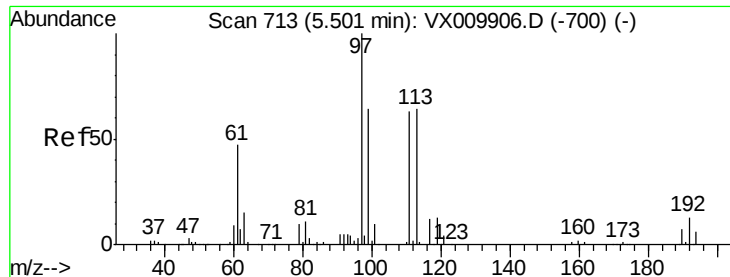


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.974 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX009911.D

Acq: 28 May 2019 13:22

Instrument :

MSVOA_X

ClientSampleId :

ICVVX052819

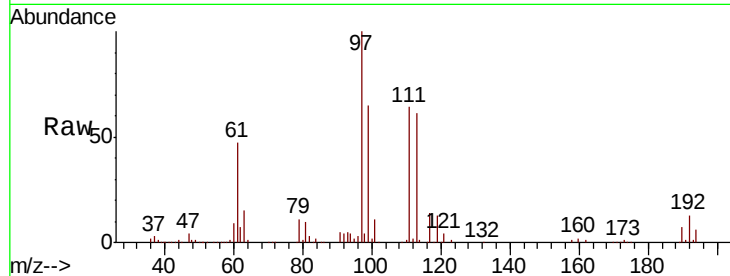
Tot Ion:113 Resp: 88265

Ion Ratio Lower Upper

113 100

111 103.7 82.2 123.2

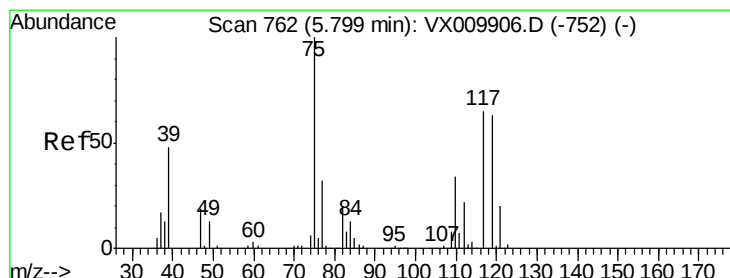
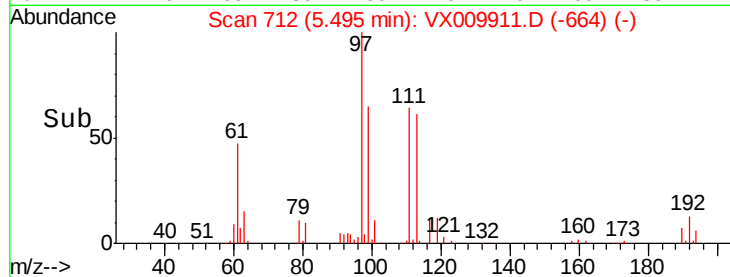
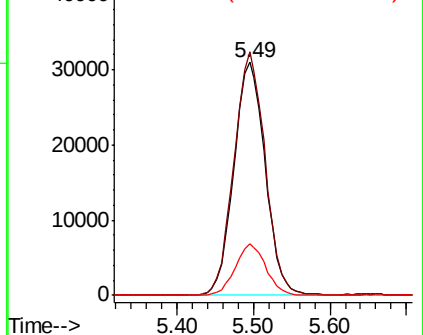
192 21.6 17.1 25.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 52.903 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX009911.D

Acq: 28 May 2019 13:22

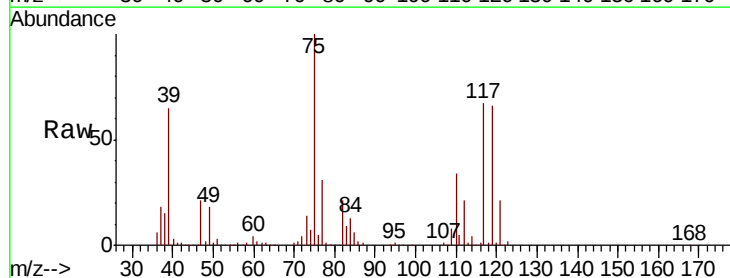
Tgt Ion: 75 Resp: 150793

Ion Ratio Lower Upper

75 100

110 34.1 16.7 50.1

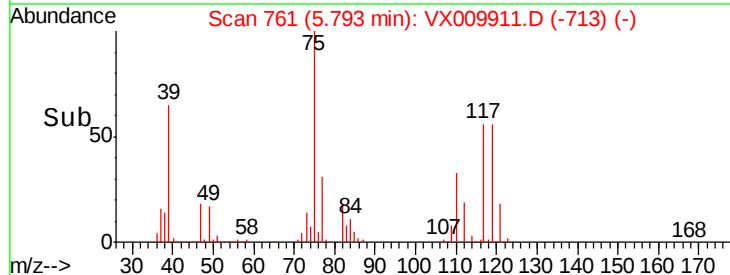
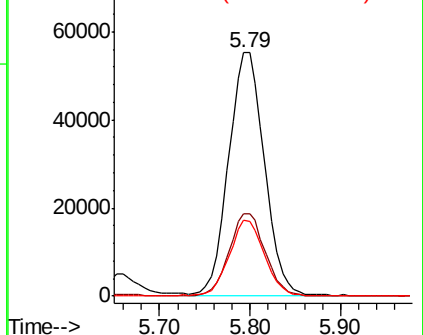
77 30.3 25.0 37.4

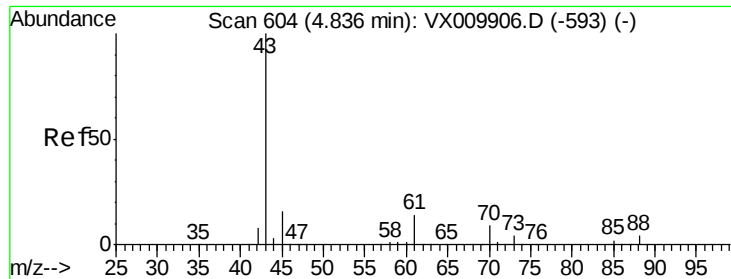


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

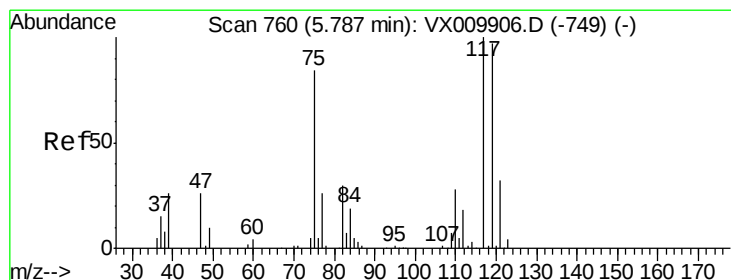
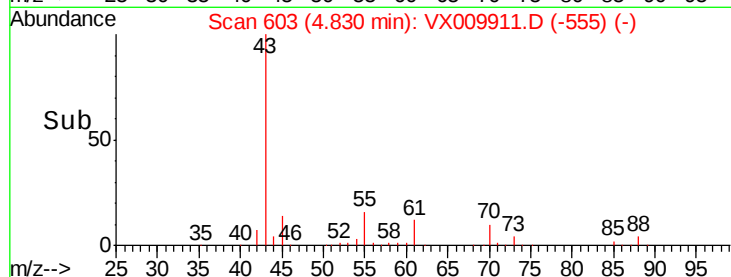
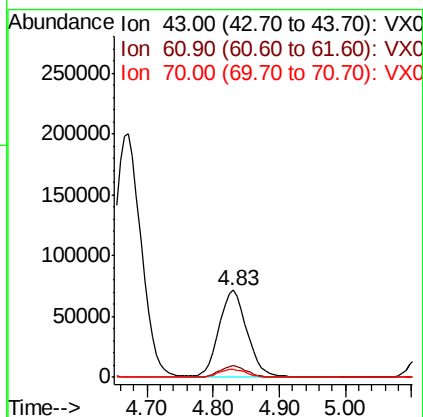
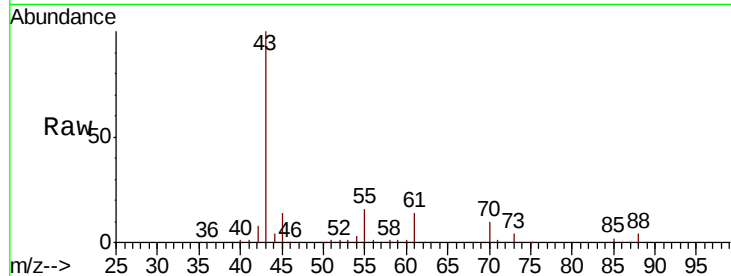




#37
Ethyl Acetate
Concen: 53.080 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX009911.D
Acq: 28 May 2019 13:22

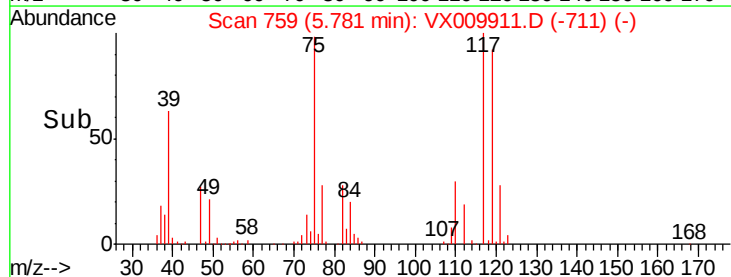
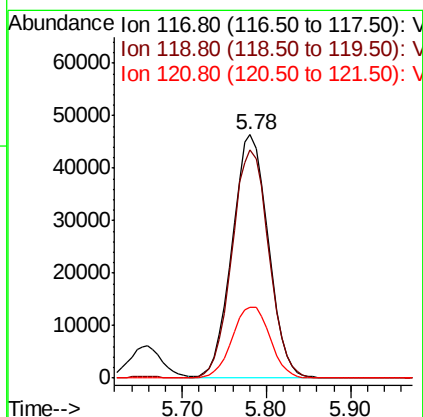
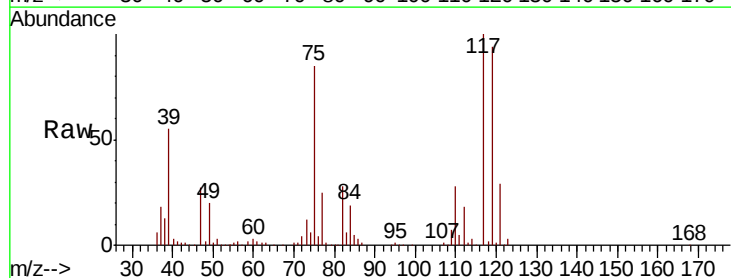
Instrument :
MSVOA_X
ClientSampleId :
ICVVX052819

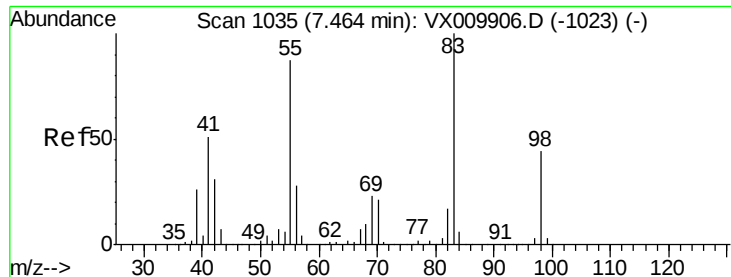
Tot Ion: 43 Resp: 210814
Ion Ratio Lower Upper
43 100
61 13.2 10.2 15.2
70 9.2 7.4 11.2



#38
Carbon Tetrachloride
Concen: 54.708 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX009911.D
Acq: 28 May 2019 13:22

Tgt Ion: 117 Resp: 134752
Ion Ratio Lower Upper
117 100
119 93.8 77.3 115.9
121 29.4 25.4 38.0

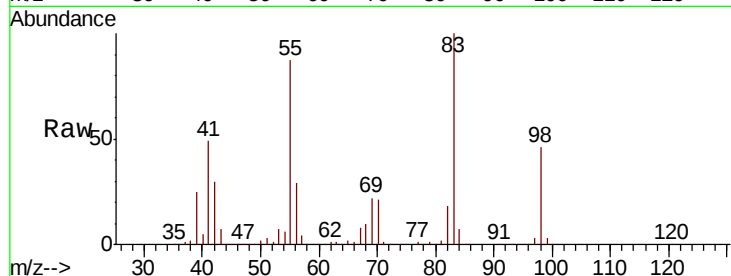




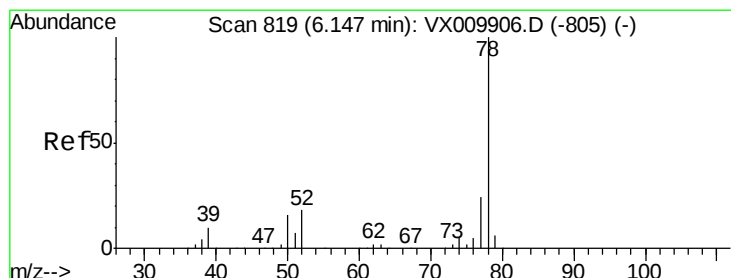
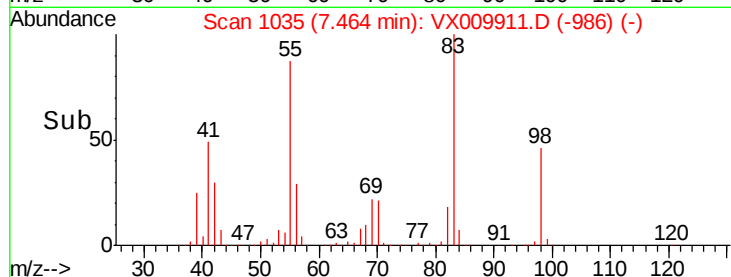
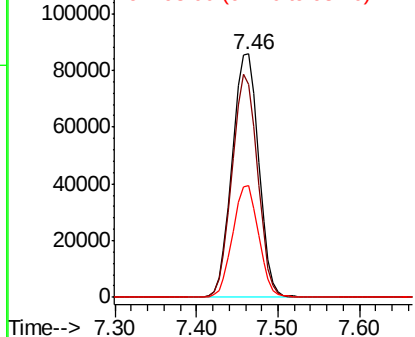
#39
Methvlcvclohexane
Concen: 56.989 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX009911.D
Acq: 28 May 2019 13:22

Instrument :
MSVOA_X
ClientSampleId :
ICVVX052819

Tot Ion: 83 Resp: 192682
Ion Ratio Lower Upper
83 100
55 87.4 69.9 104.9
98 45.8 35.1 52.7

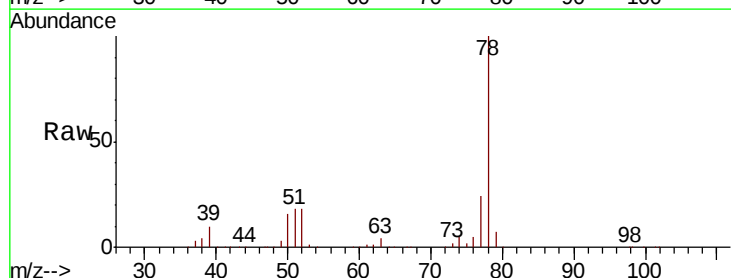


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

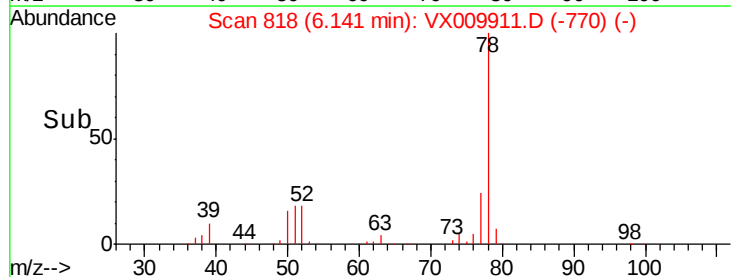
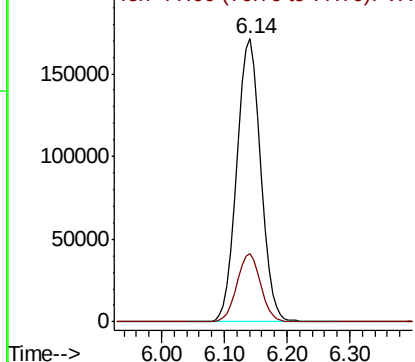


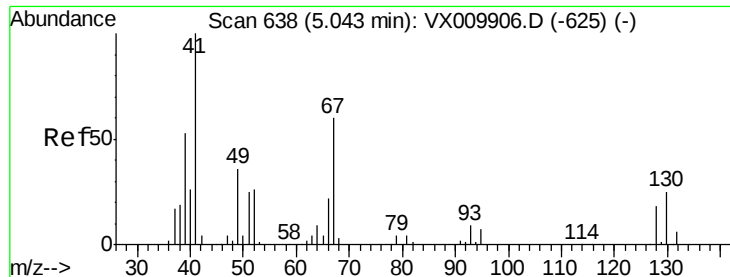
#40
Benzene
Concen: 53.484 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX009911.D
Acq: 28 May 2019 13:22

Tgt Ion: 78 Resp: 452227
Ion Ratio Lower Upper
78 100
77 24.0 19.2 28.8



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





#41

Methacrylonitrile

Concen: 51.546 ug/l

RT: 5.04 min Scan# 637

Delta R.T. -0.01 min

Lab File: VX009911.D

Acq: 28 May 2019 13:22

Instrument :

MSVOA_X

ClientSampled :

ICVVX052819

Tot Ion: 41 Resp: 119624

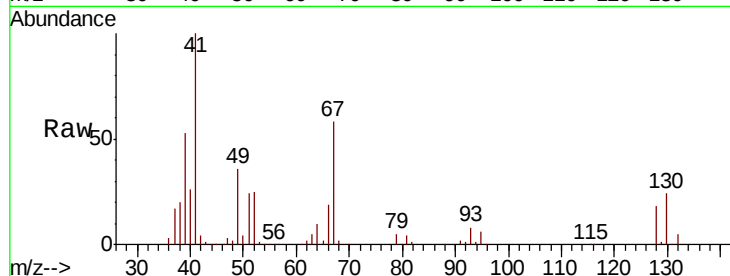
Ion Ratio Lower Upper

41 100

39 52.3 42.2 63.4

67 60.1 48.9 73.3

52 26.0 20.1 30.1

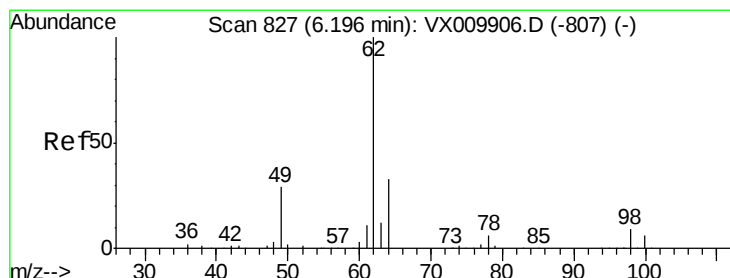
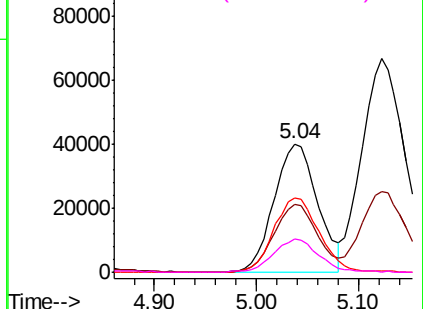
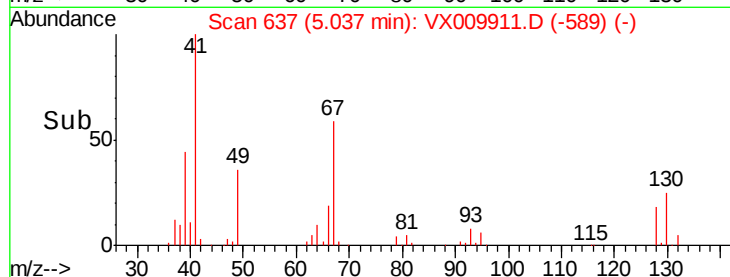


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 52.177 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.01 min

Lab File: VX009911.D

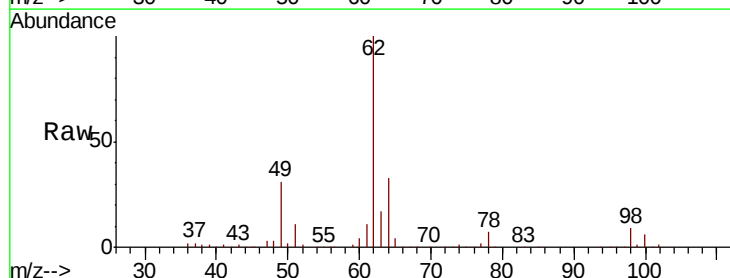
Acq: 28 May 2019 13:22

Tgt Ion: 62 Resp: 163101

Ion Ratio Lower Upper

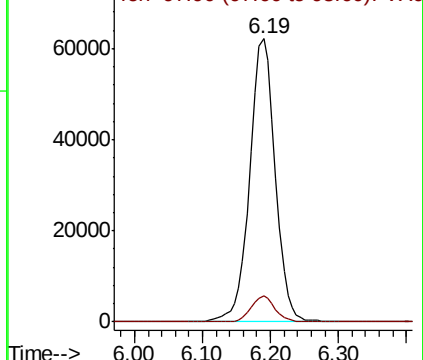
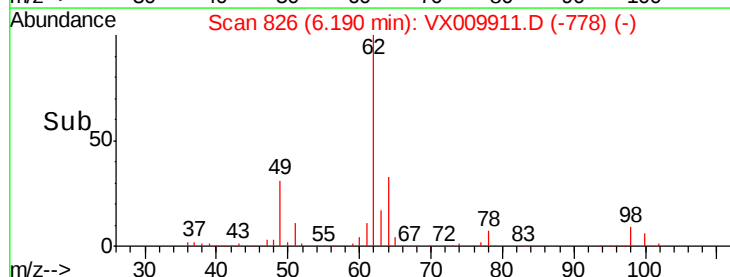
62 100

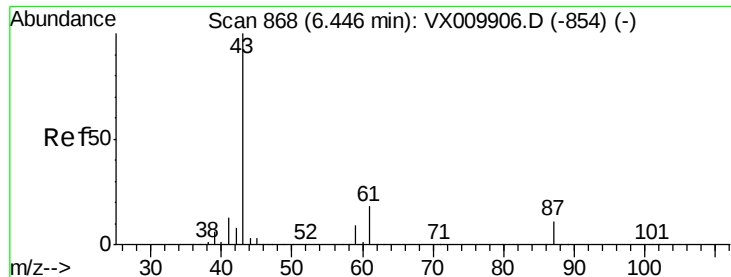
98 8.6 0.0 17.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



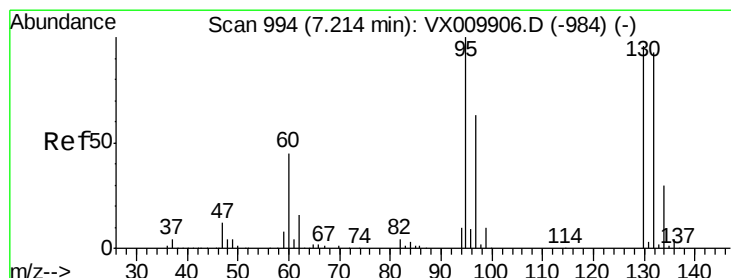
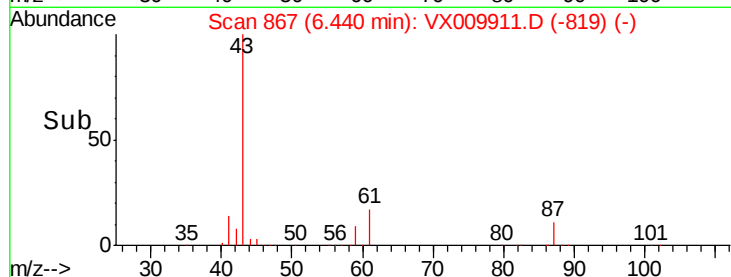
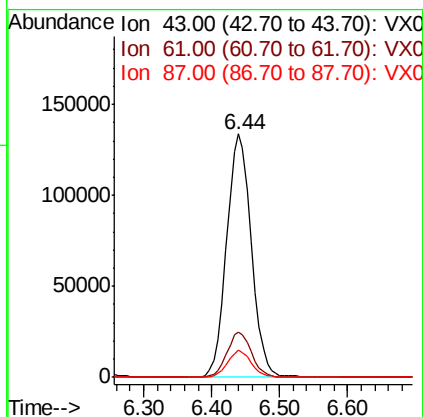
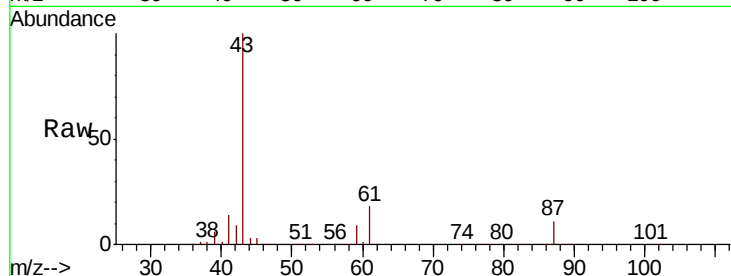


#43

Isopropyl Acetate
 Concen: 52.169 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: VX009911.D
 Acq: 28 May 2019 13:22

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX052819

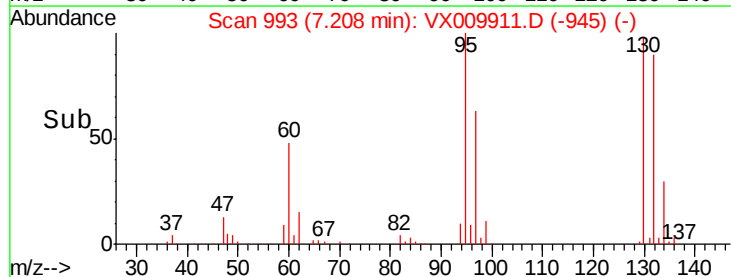
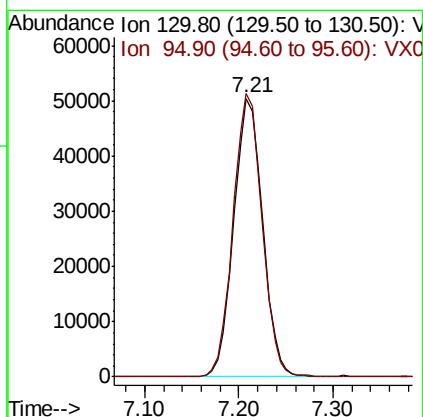
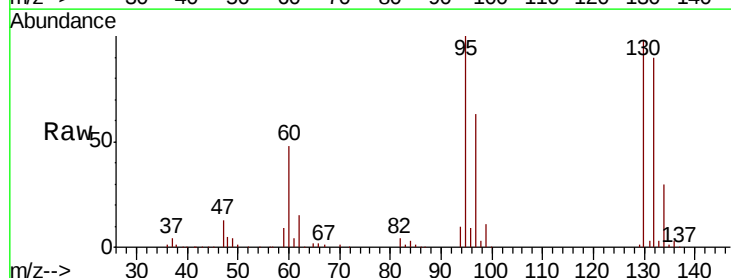
Tot Ion: 43 Resp: 334318
 Ion Ratio Lower Upper
 43 100
 61 18.6 14.6 21.8
 87 10.8 8.7 13.1

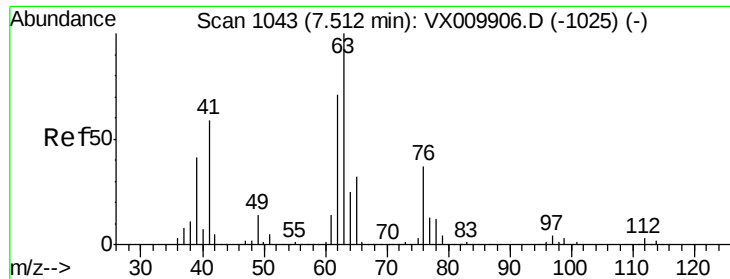


#44

Trichloroethene
 Concen: 52.490 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX009911.D
 Acq: 28 May 2019 13:22

Tgt Ion:130 Resp: 107806
 Ion Ratio Lower Upper
 130 100
 95 101.7 0.0 207.4

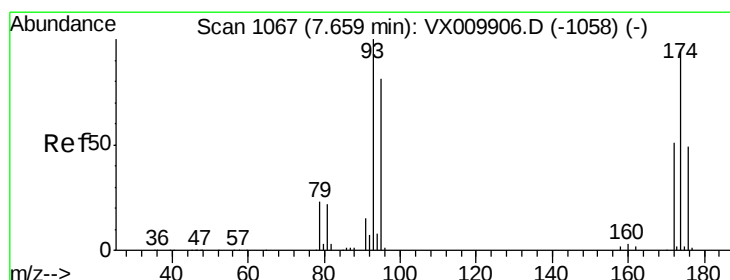
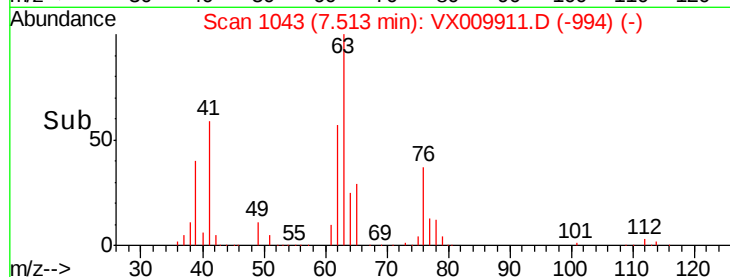
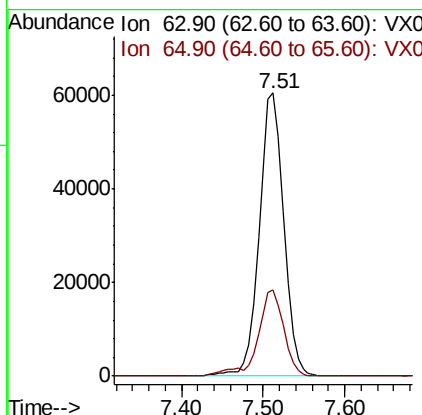
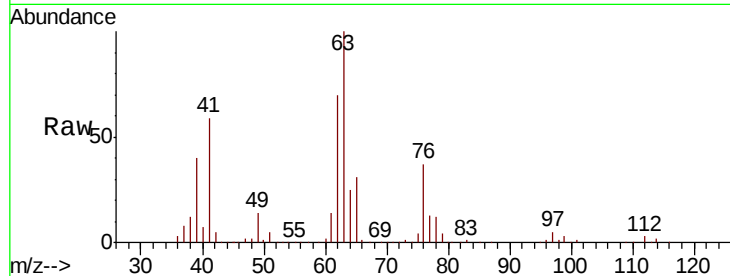




#45
 1,2-Dichloropropane
 Concen: 52.268 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX009911.D
 Acq: 28 May 2019 13:22

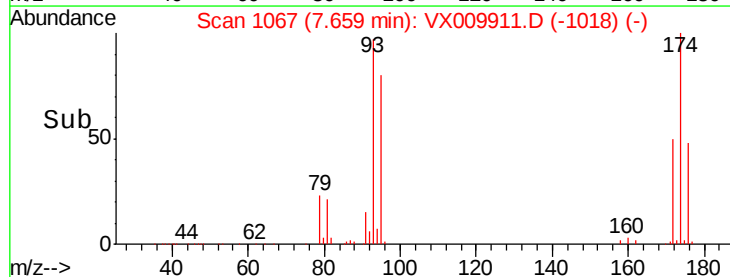
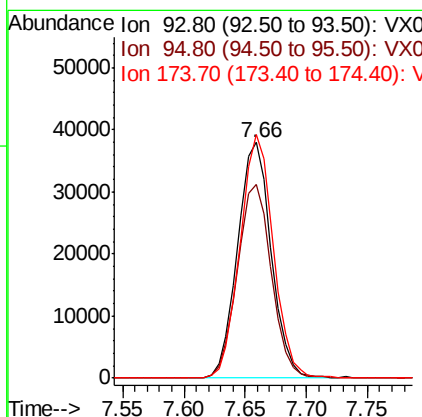
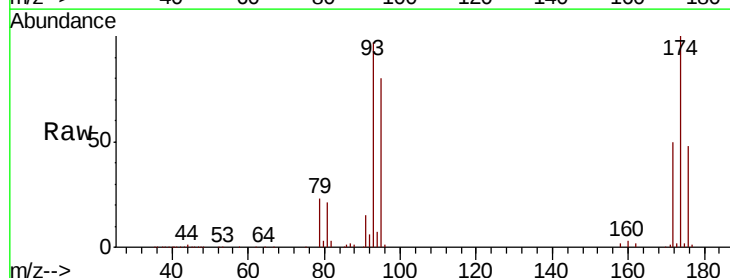
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX052819

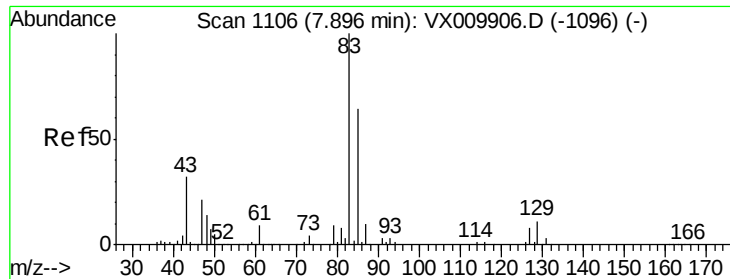
Tot Ion: 63 Resp: 127221
 Ion Ratio Lower Upper
 63 100
 65 30.6 25.7 38.5



#46
 Dibromomethane
 Concen: 50.670 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX009911.D
 Acq: 28 May 2019 13:22

Tgt Ion: 93 Resp: 72597
 Ion Ratio Lower Upper
 93 100
 95 83.4 66.8 100.2
 174 102.3 81.9 122.9





#47

Bromodichloromethane

Concen: 54.236 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX009911.D

Acq: 28 May 2019 13:22

Instrument :

MSVOA_X

ClientSampleId :

ICVVX052819

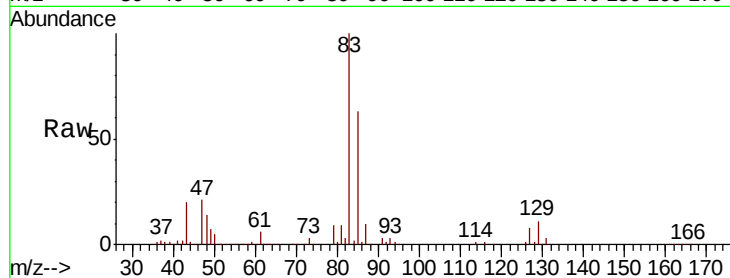
Tot Ion: 83 Resp: 147766

Ion Ratio Lower Upper

83 100

85 63.1 51.4 77.2

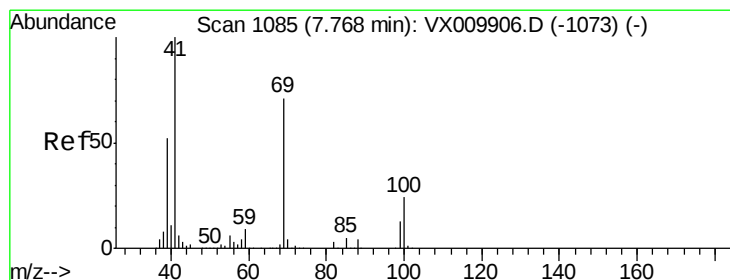
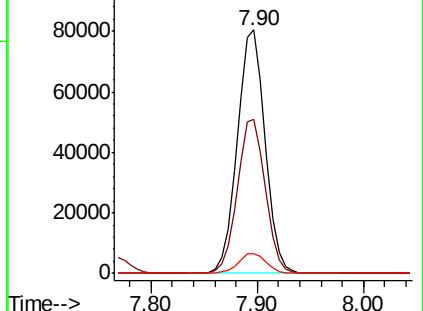
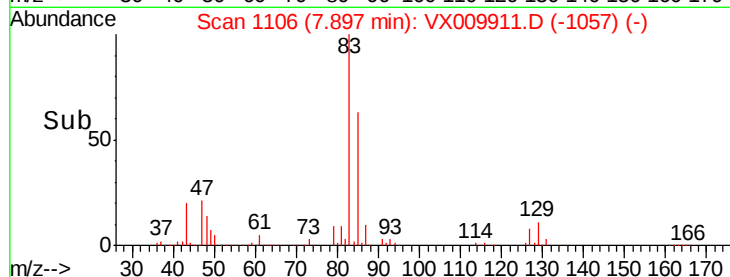
127 8.1 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 53.166 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX009911.D

Acq: 28 May 2019 13:22

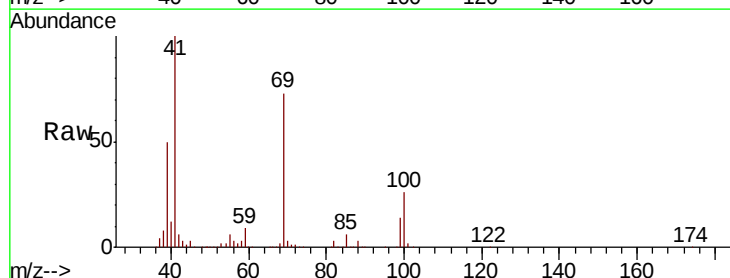
Tgt Ion: 41 Resp: 168661

Ion Ratio Lower Upper

41 100

69 70.7 56.4 84.6

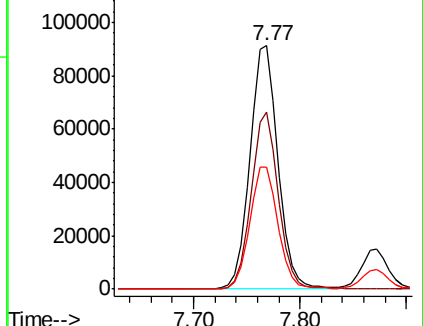
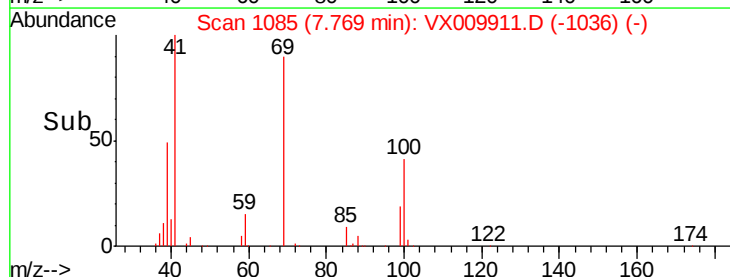
39 50.2 40.6 60.8

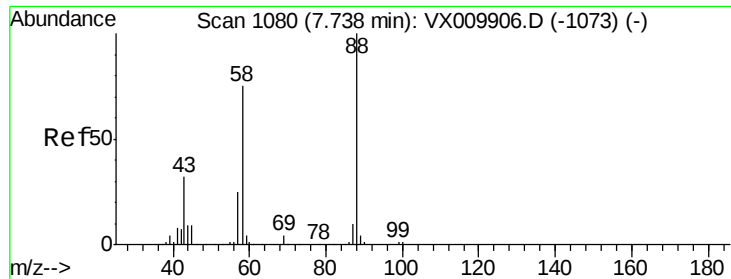


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1026.997 ug/l

RT: 7.73 min Scan# 1079

Delta R.T. -0.01 min

Lab File: VX009911.D

Acq: 28 May 2019 13:22

Instrument :

MSVOA_X

ClientSampleId :

ICVVX052819

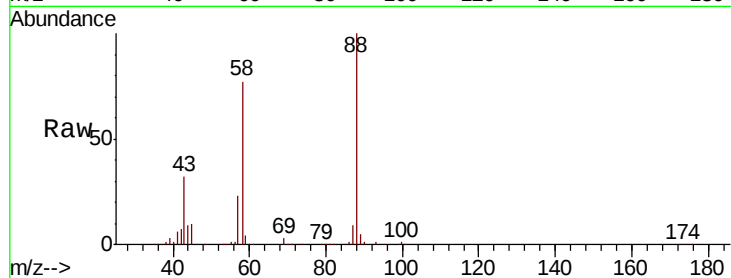
Tot Ion: 88 Resp: 60602

Ion Ratio Lower Upper

88 100

43 37.5 30.2 45.4

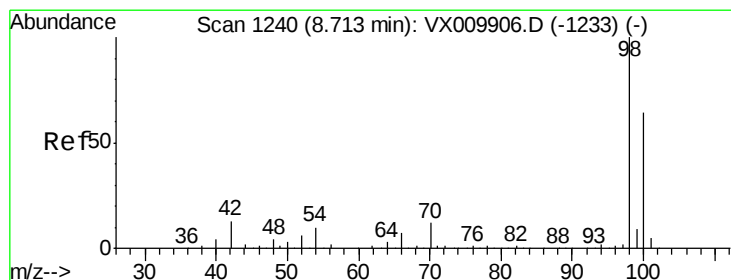
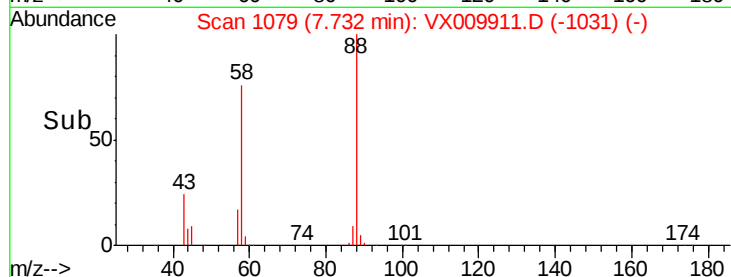
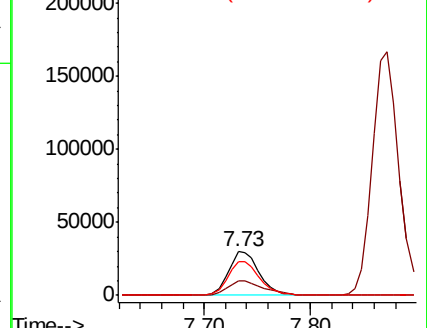
58 79.8 64.0 96.0



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 51.321 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009911.D

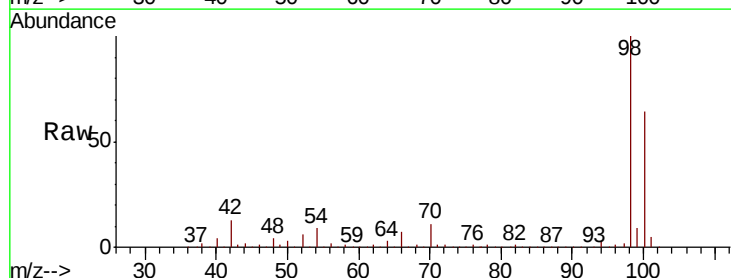
Acq: 28 May 2019 13:22

Tgt Ion: 98 Resp: 368084

Ion Ratio Lower Upper

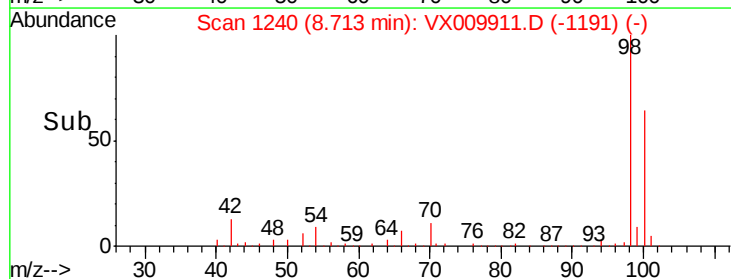
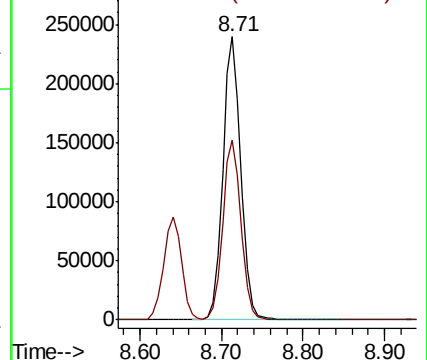
98 100

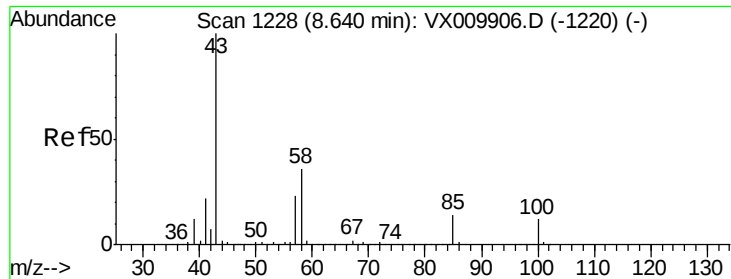
100 64.7 51.5 77.3



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: 263.124 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX009911.D

Acq: 28 May 2019 13:22

Instrument :

MSVOA_X

ClientSampleId :

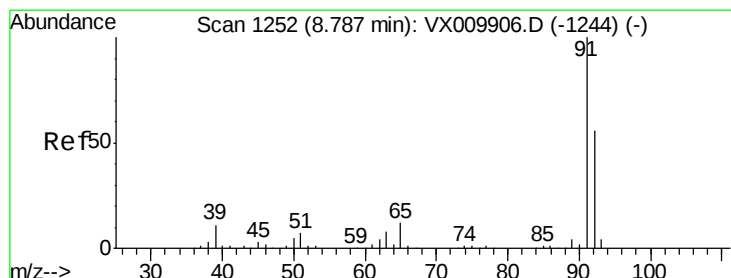
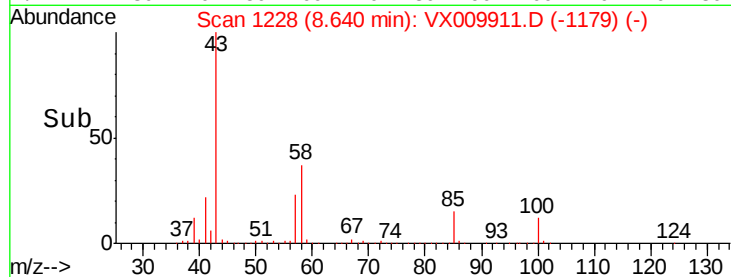
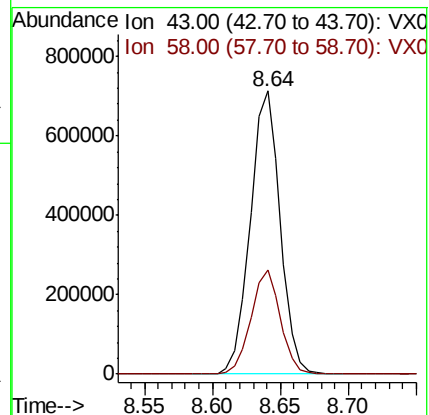
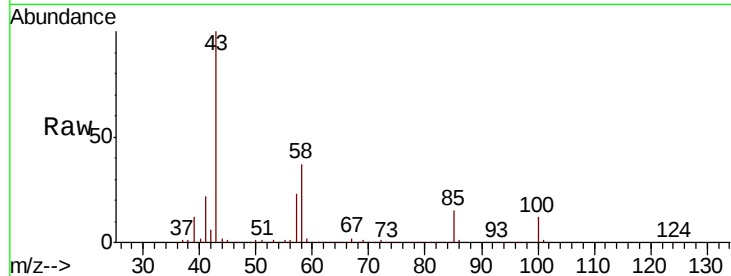
ICVVX052819

Tot Ion: 43 Resp: 1096889

Ion Ratio Lower Upper

43 100

58 36.1 28.8 43.2



#52

Toluene

Concen: 53.597 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX009911.D

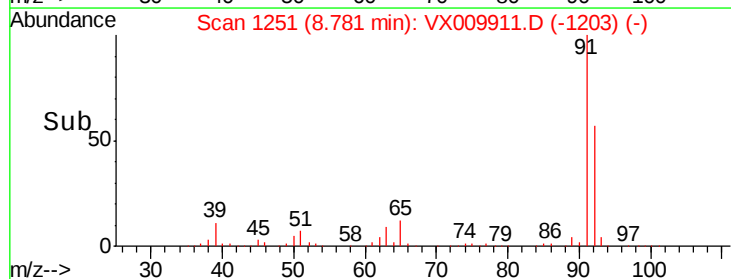
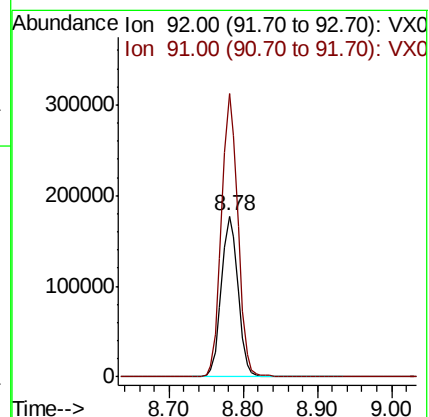
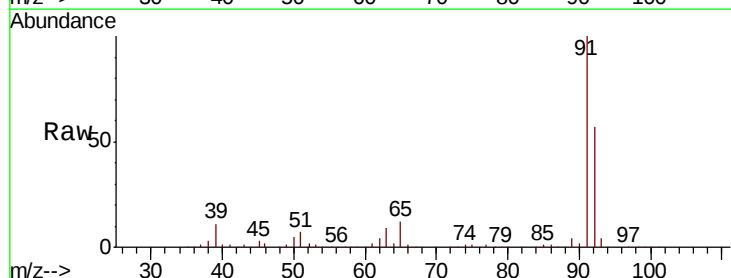
Acq: 28 May 2019 13:22

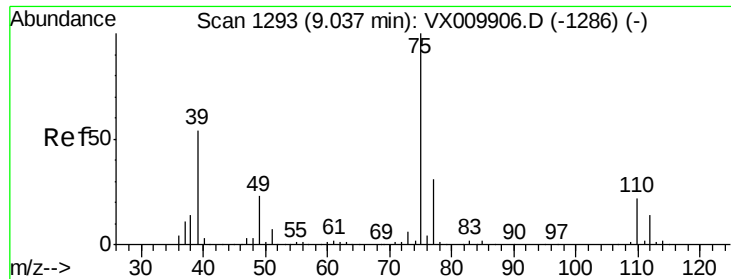
Tgt Ion: 92 Resp: 275156

Ion Ratio Lower Upper

92 100

91 173.3 139.9 209.9

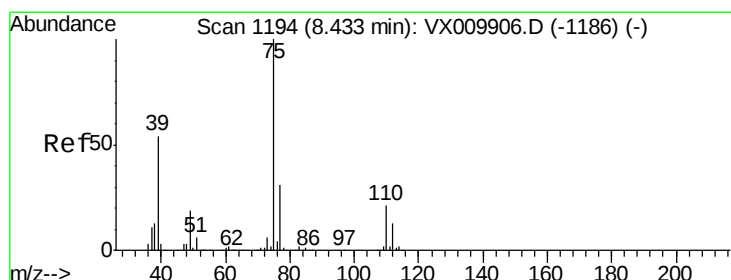
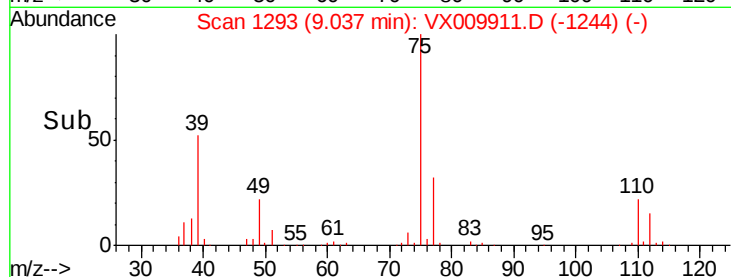
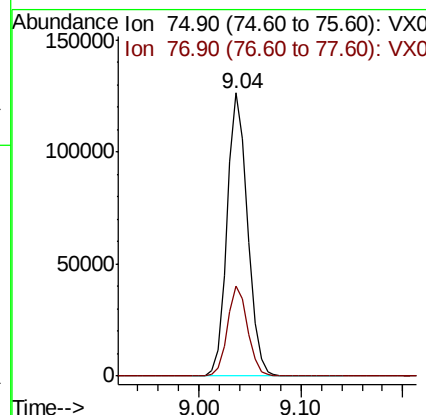
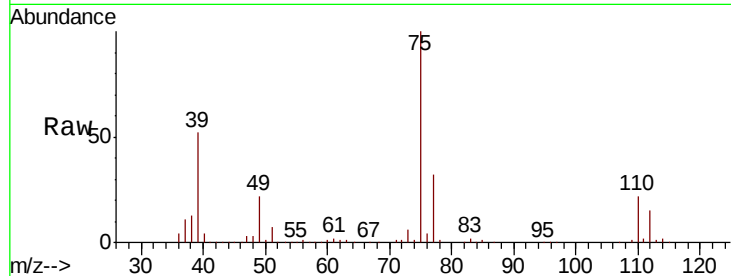




#53
t-1,3-Dichloropropene
Concen: 54.097 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX009911.D
Acq: 28 May 2019 13:22

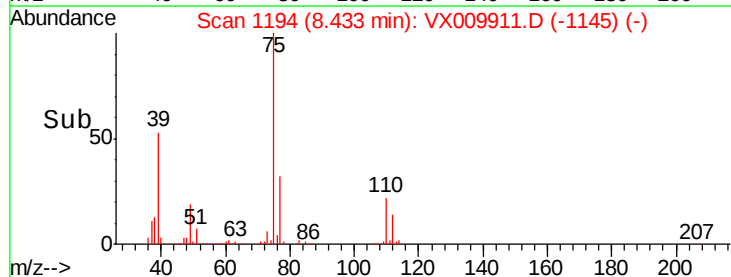
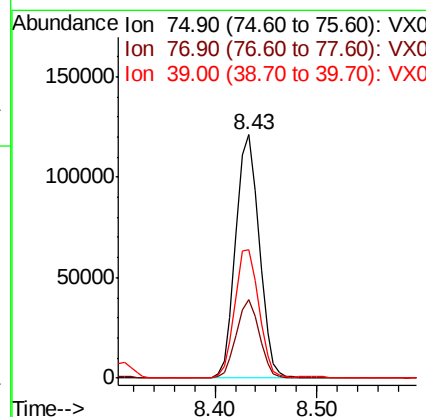
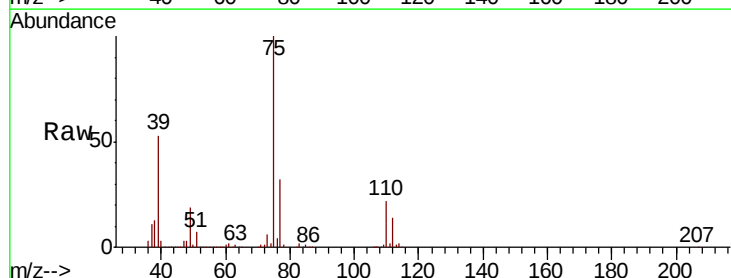
Instrument :
MSVOA_X
ClientSampled :
ICVVX052819

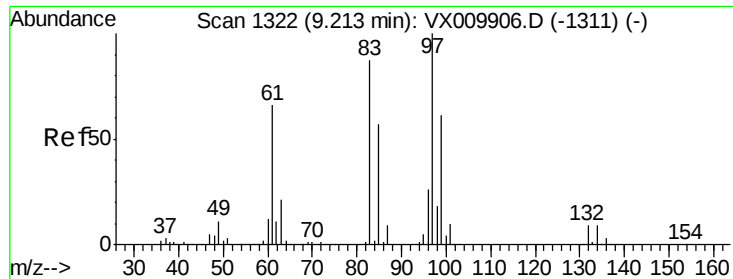
Tot Ion: 75 Resp: 176761
Ion Ratio Lower Upper
75 100
77 32.0 24.6 36.8



#54
cis-1,3-Dichloropropene
Concen: 54.296 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX009911.D
Acq: 28 May 2019 13:22

Tgt Ion: 75 Resp: 193301
Ion Ratio Lower Upper
75 100
77 32.1 24.8 37.2
39 52.7 43.4 65.0

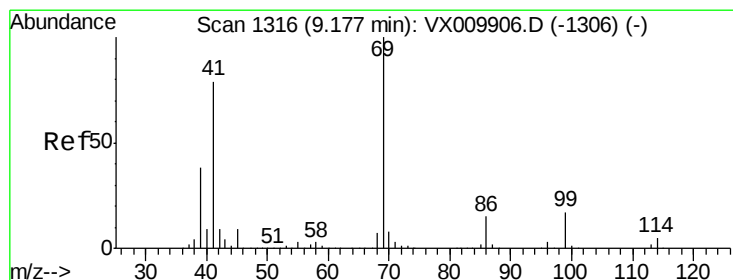
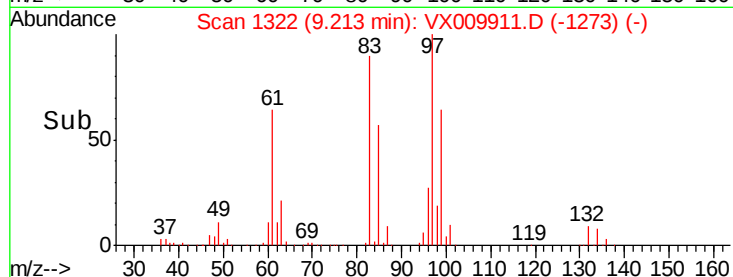
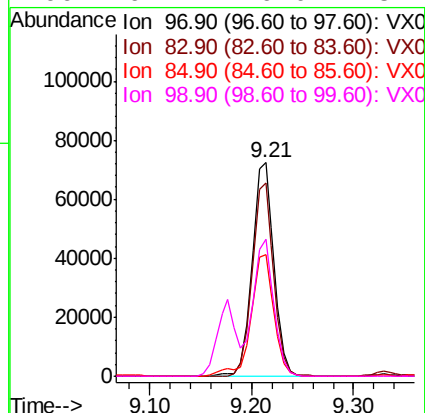
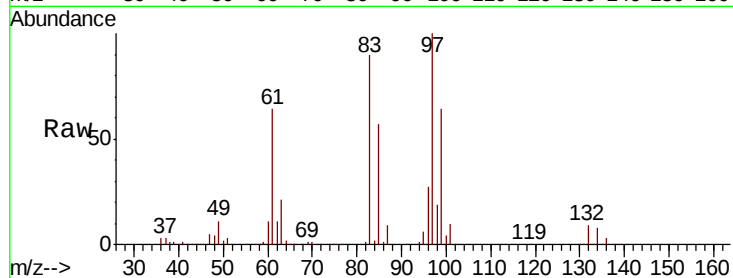




#55
 1,1,2-Trichloroethane
 Concen: 52.099 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX009911.D
 Acq: 28 May 2019 13:22

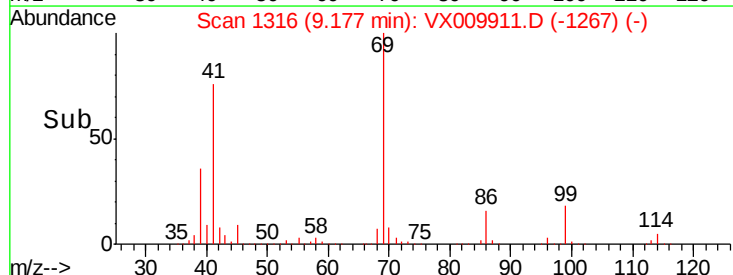
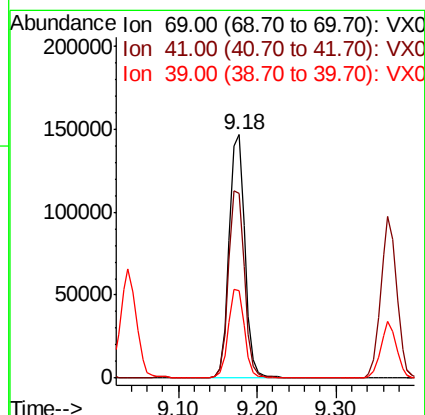
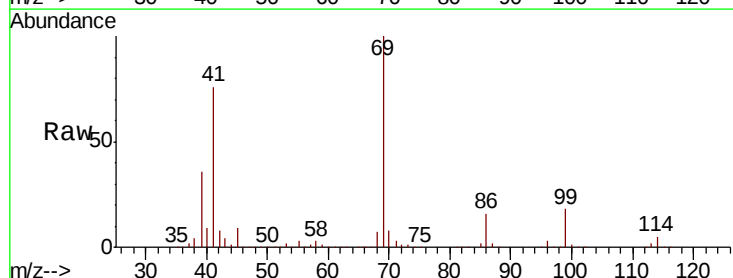
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX052819

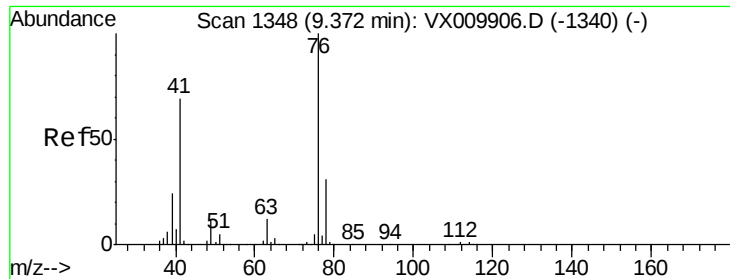
Tot Ion:	97	Resp:	107652
Ion	Ratio	Lower	Upper
97	100		
83	90.4	69.8	104.8
85	57.1	45.3	67.9
99	64.2	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 55.350 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX009911.D
 Acq: 28 May 2019 13:22

Tgt Ion:	69	Resp:	203614
Ion	Ratio	Lower	Upper
69	100		
41	78.3	62.7	94.1
39	37.1	29.5	44.3





#57

1,3-Dichloropropane

Concen: 52.040 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX009911.D

Acq: 28 May 2019 13:22

Instrument :

MSVOA_X

ClientSampleId :

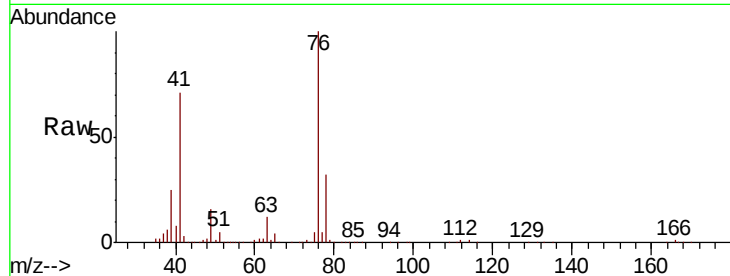
ICVVX052819

Tot Ion: 76 Resp: 193112

Ion Ratio Lower Upper

76 100

78 32.3 25.4 38.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

150000

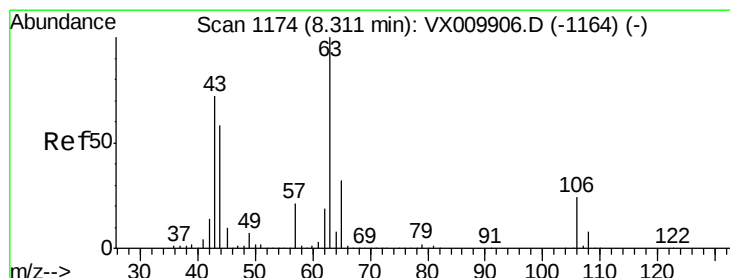
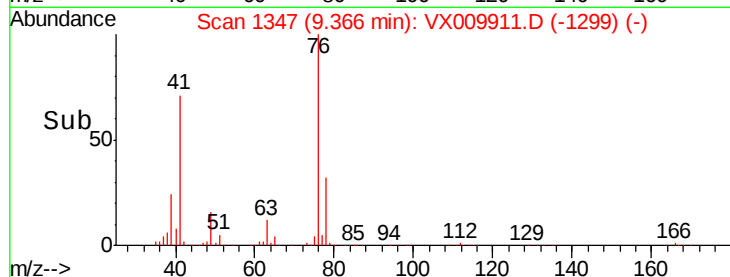
100000

50000

0

9.30 9.35 9.40 9.45 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 302.042 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX009911.D

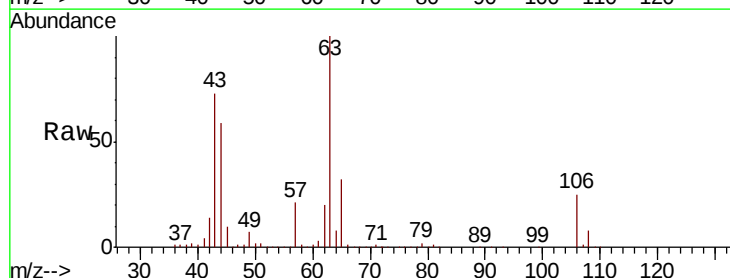
Acq: 28 May 2019 13:22

Tgt Ion: 63 Resp: 582638

Ion Ratio Lower Upper

63 100

106 24.0 19.4 29.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

400000

300000

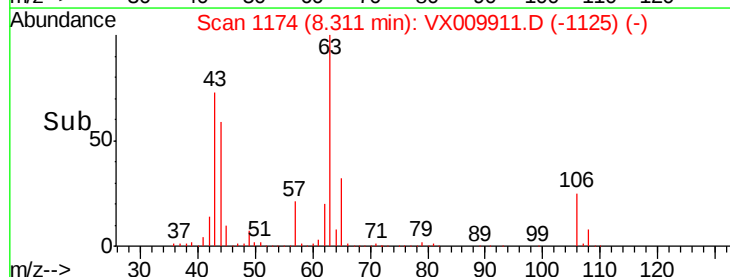
200000

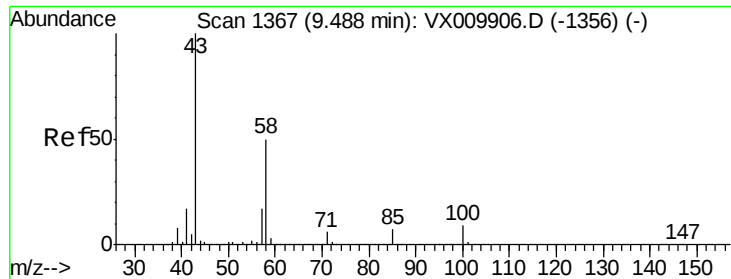
100000

0

8.20 8.30 8.40

Time-->

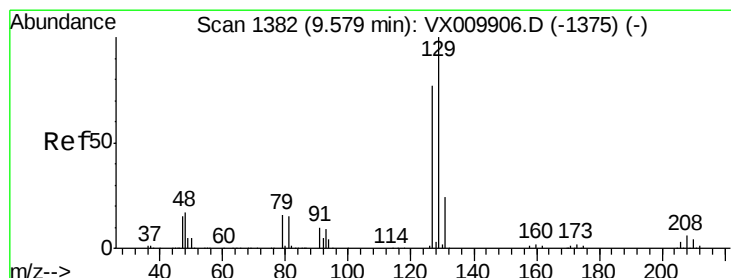
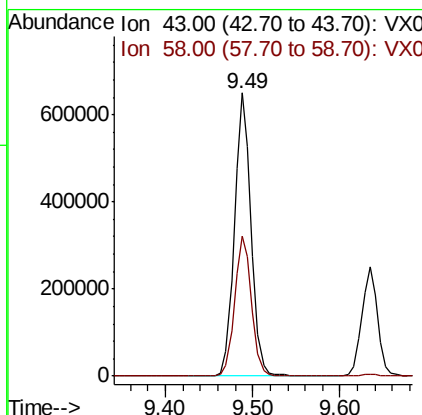
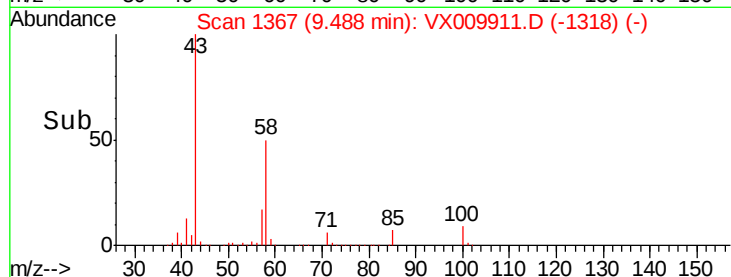
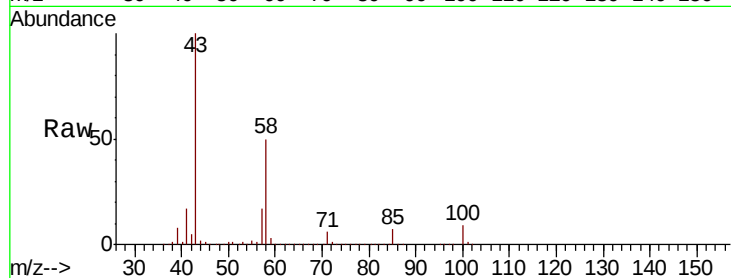




#59
2-Hexanone
Concen: 269.246 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX009911.D
Acq: 28 May 2019 13:22

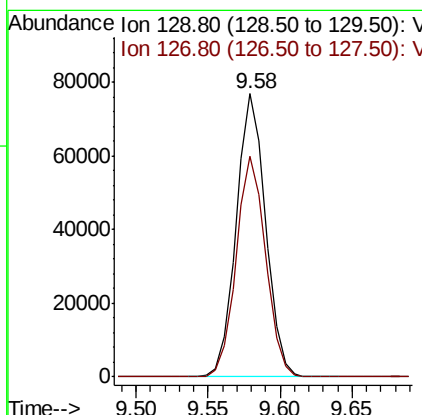
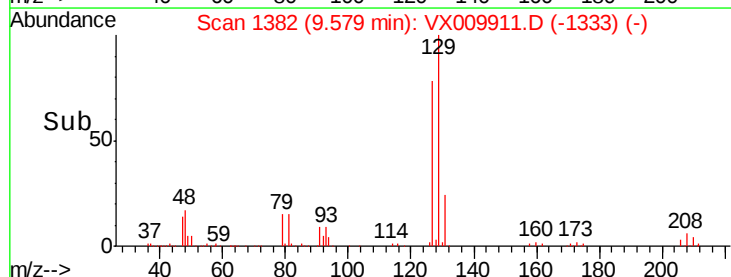
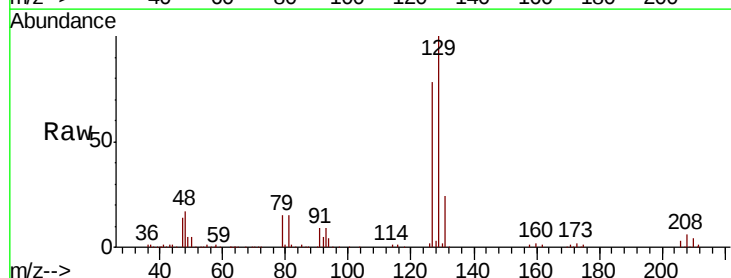
Instrument :
MSVOA_X
ClientSampleId :
ICVVX052819

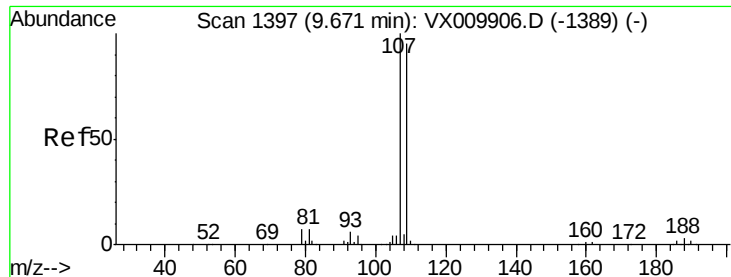
Tot Ion: 43 Resp: 864148
Ion Ratio Lower Upper
43 100
58 50.4 25.1 75.3



#60
Dibromochloromethane
Concen: 53.725 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX009911.D
Acq: 28 May 2019 13:22

Tgt Ion:129 Resp: 109201
Ion Ratio Lower Upper
129 100
127 78.0 38.5 115.5





#61

1,2-Dibromoethane

Concen: 52.487 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX009911.D

Acq: 28 May 2019 13:22

Instrument :

MSVOA_X

ClientSampleId :

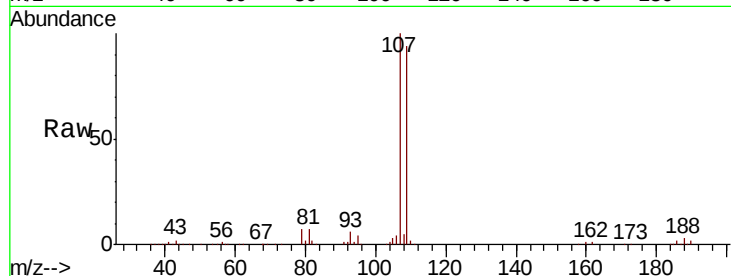
ICVVX052819

Tot Ion:107 Resp: 111421

Ion Ratio Lower Upper

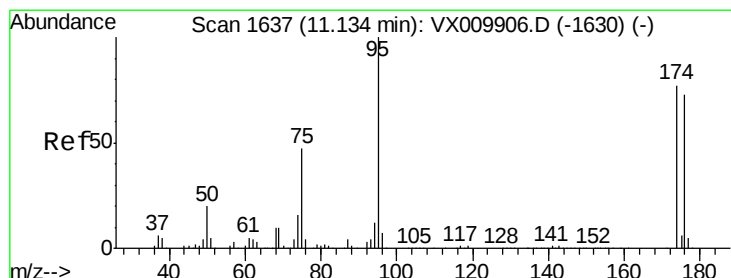
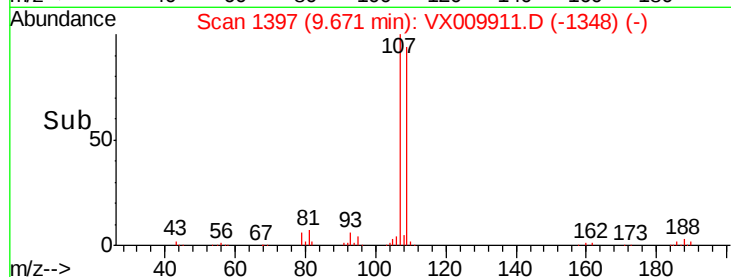
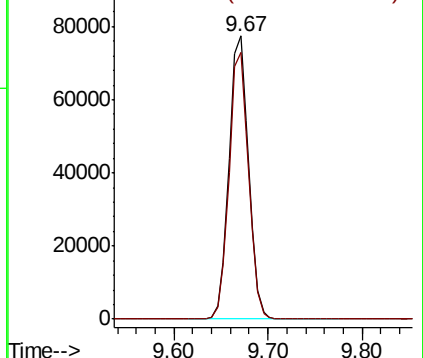
107 100

109 94.2 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 53.117 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009911.D

Acq: 28 May 2019 13:22

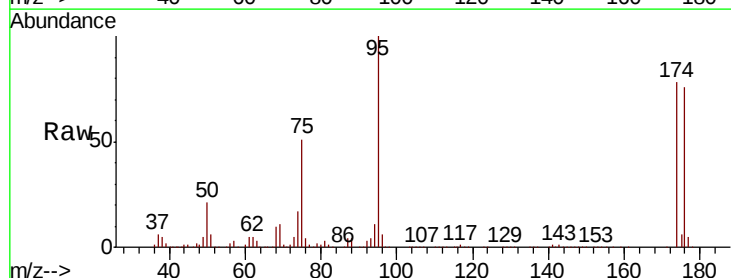
Tgt Ion: 95 Resp: 136837

Ion Ratio Lower Upper

95 100

174 81.0 0.0 160.4

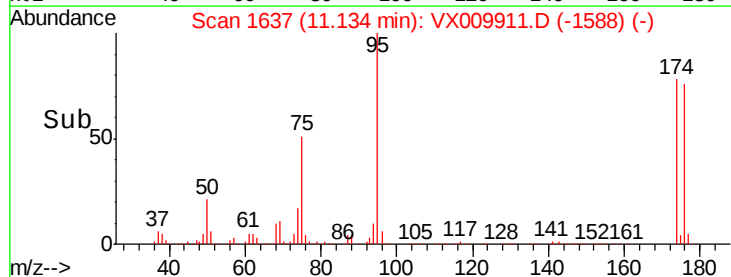
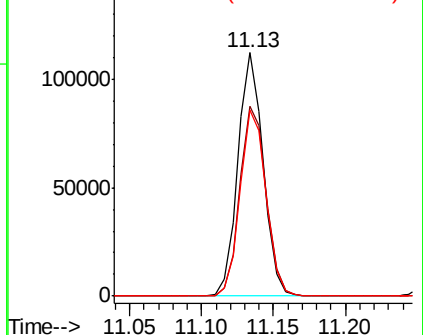
176 78.4 0.0 154.6

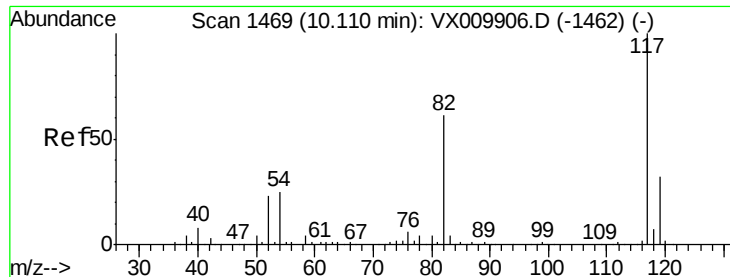


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

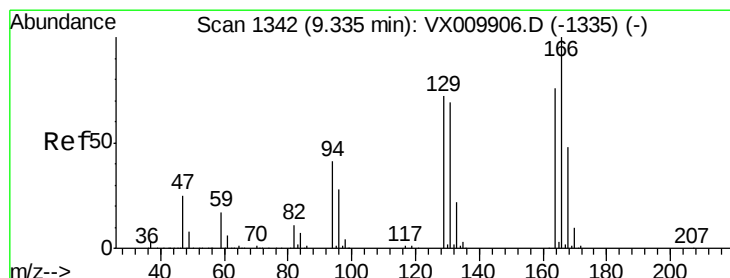
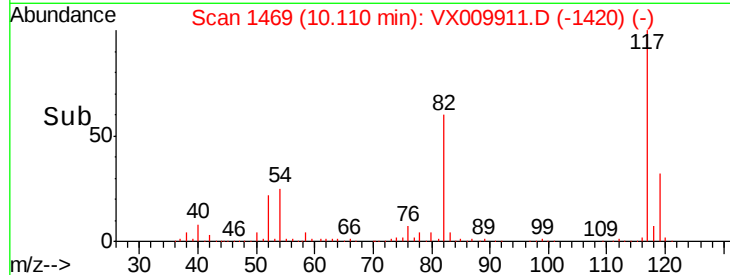
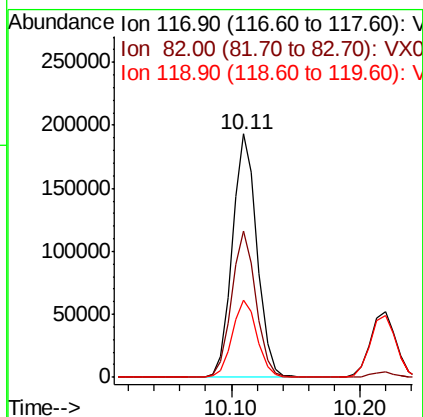
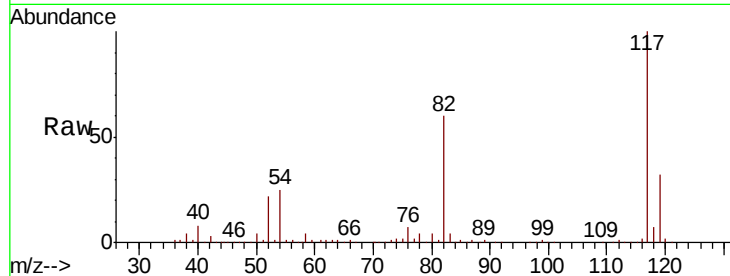




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009911.D
Acq: 28 May 2019 13:22

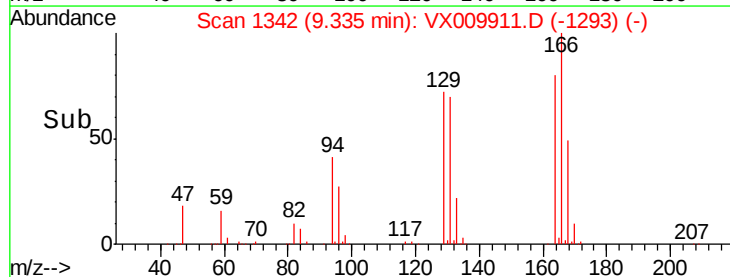
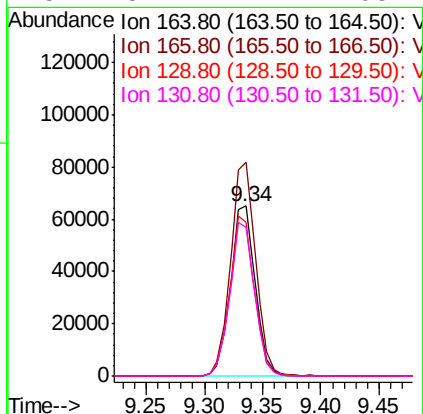
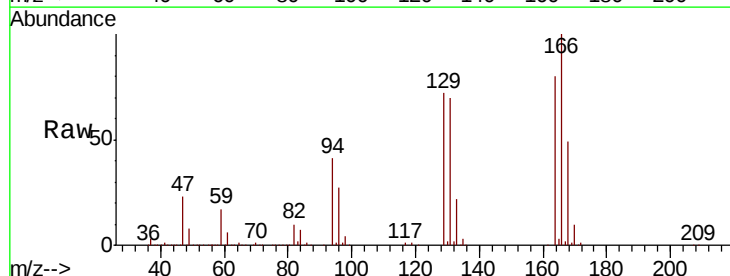
Instrument :
MSVOA_X
ClientSampled :
ICVVX052819

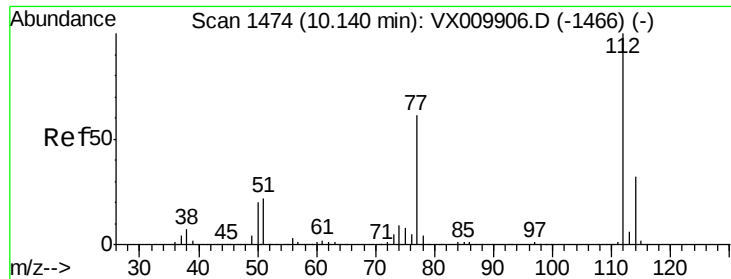
Tot Ion:117 Resp: 257721
Ion Ratio Lower Upper
117 100
82 60.3 49.2 73.8
119 31.7 25.2 37.8



#64
Tetrachloroethene
Concen: 53.669 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009911.D
Acq: 28 May 2019 13:22

Tgt Ion:164 Resp: 96613
Ion Ratio Lower Upper
164 100
166 125.6 105.0 157.4
129 90.0 75.1 112.7
131 87.7 72.2 108.4

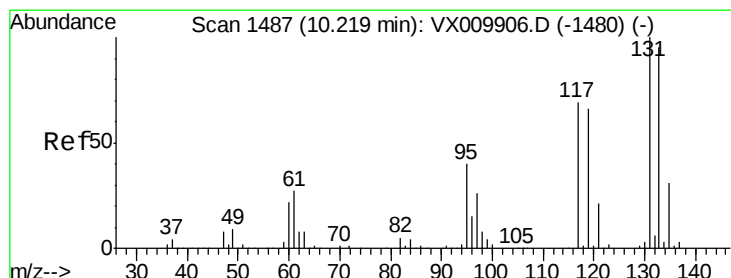
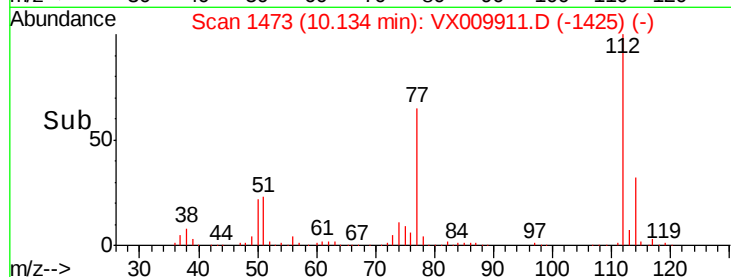
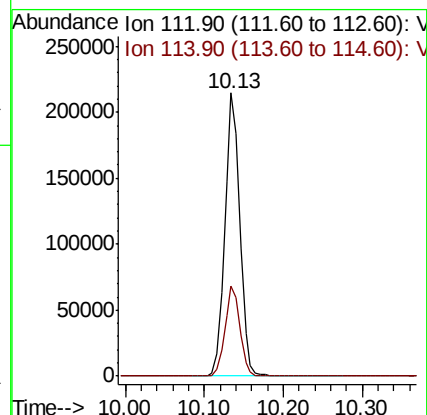
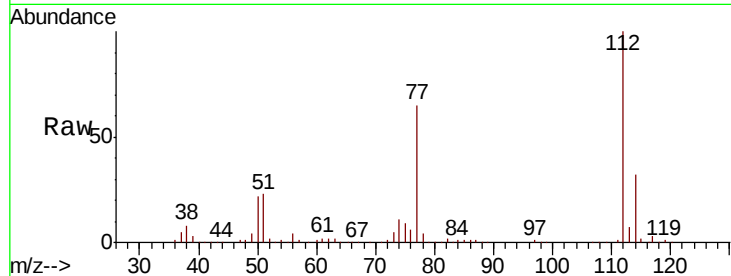




#65
Chlorobenzene
Concen: 52.515 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX009911.D
Acq: 28 May 2019 13:22

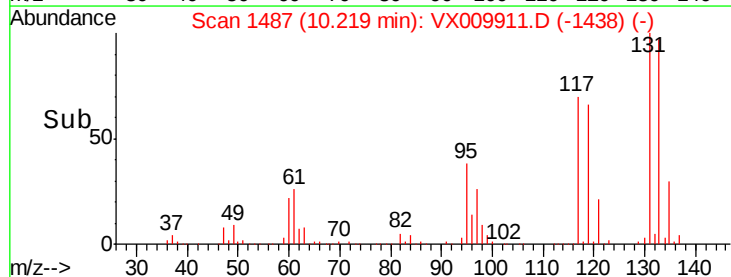
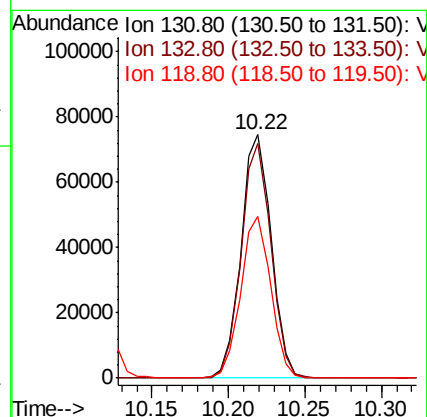
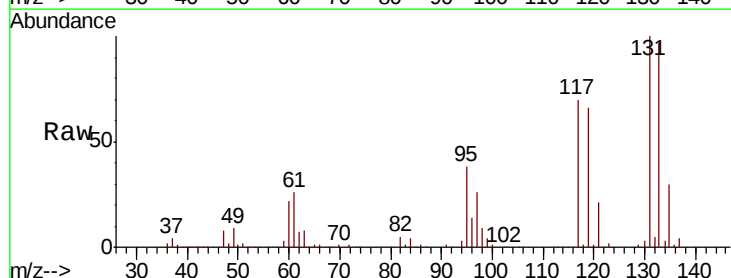
Instrument :
MSVOA_X
ClientSampleId :
ICVVX052819

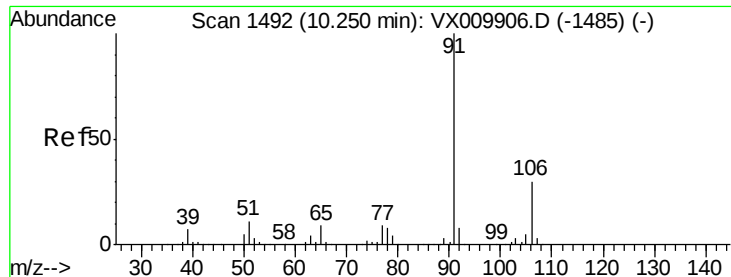
Tot Ion:112 Resp: 283341
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 54.403 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX009911.D
Acq: 28 May 2019 13:22

Tgt Ion:131 Resp: 101807
Ion Ratio Lower Upper
131 100
133 95.0 47.5 142.6
119 66.2 33.4 100.1

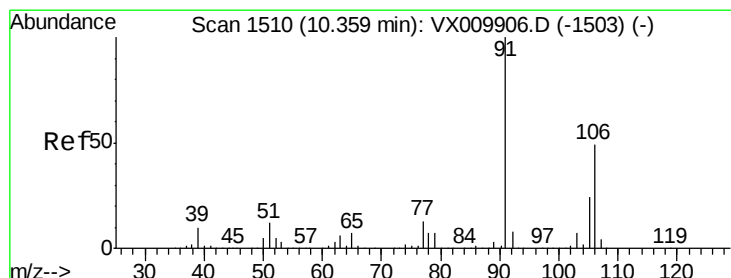
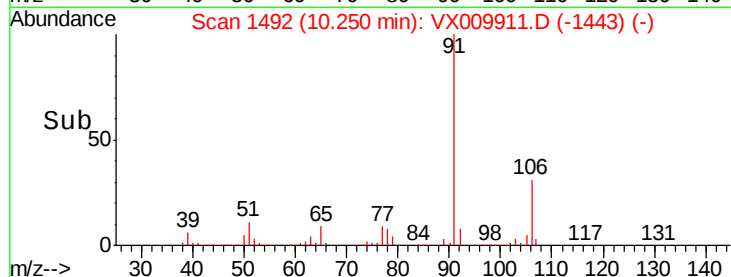
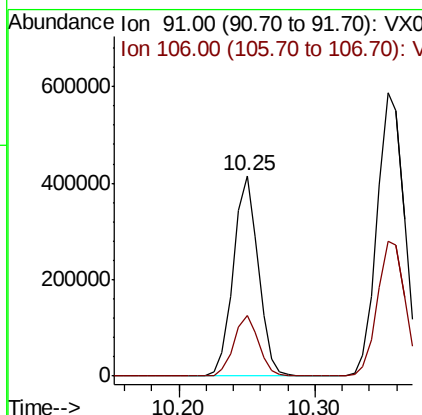
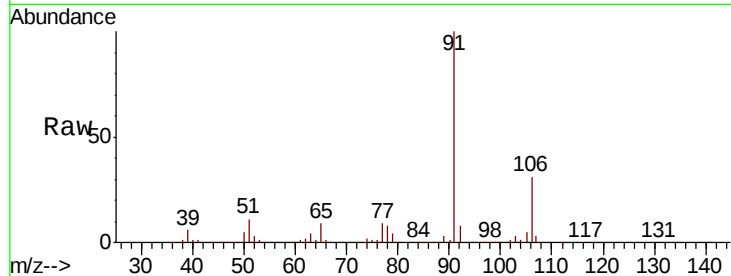




#67
Ethyl Benzene
Concen: 54.771 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX009911.D
Acq: 28 May 2019 13:22

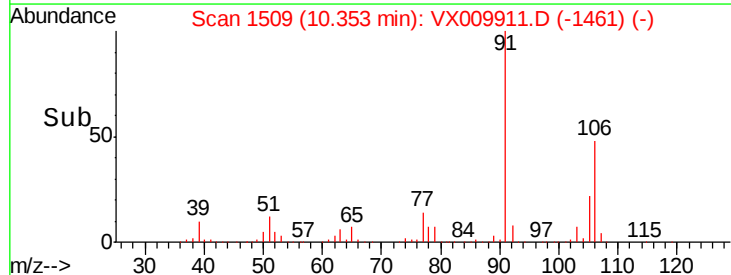
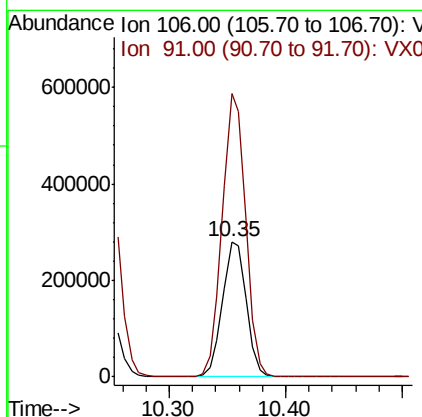
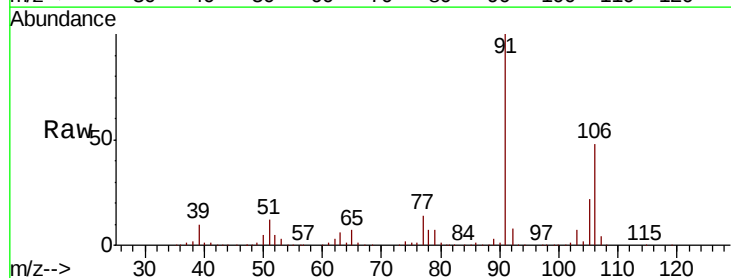
Instrument :
MSVOA_X
ClientSampleId :
ICVVX052819

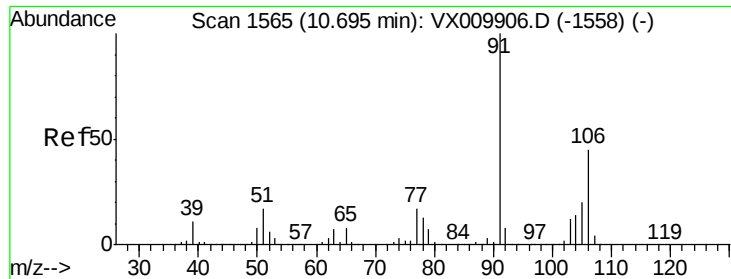
Tot Ion: 91 Resp: 530597
Ion Ratio Lower Upper
91 100
106 30.6 23.9 35.9



#68
m/p-Xylenes
Concen: 110.249 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX009911.D
Acq: 28 May 2019 13:22

Tgt Ion: 106 Resp: 394573
Ion Ratio Lower Upper
106 100
91 207.1 167.3 250.9

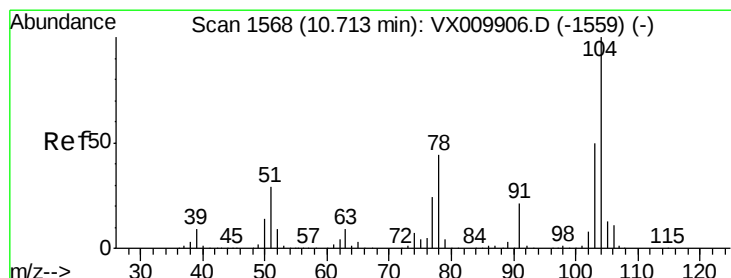
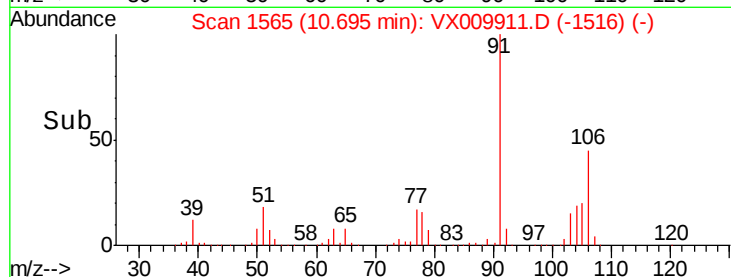
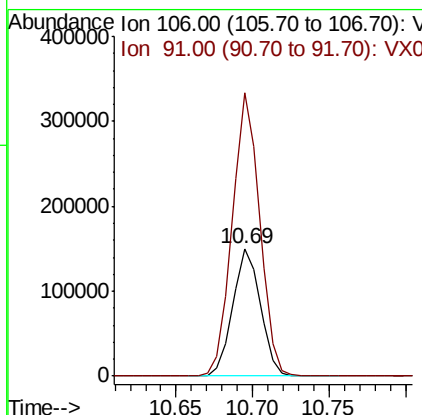
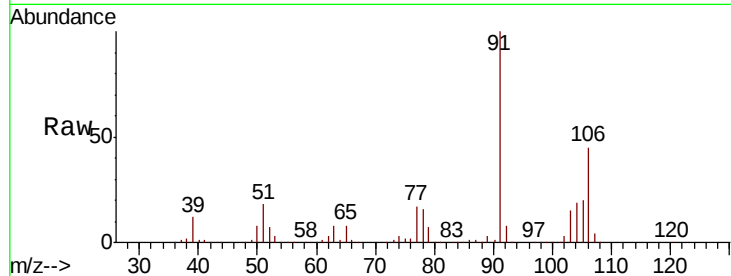




#69
o-Xylene
Concen: 54.867 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX009911.D
Acq: 28 May 2019 13:22

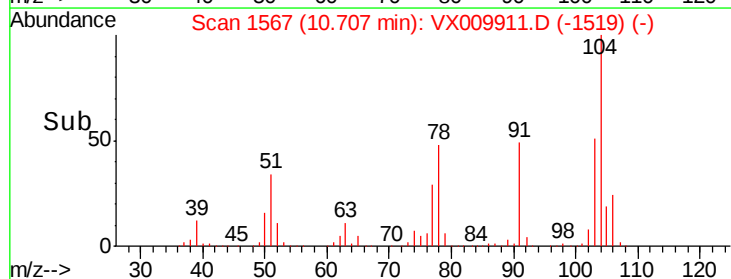
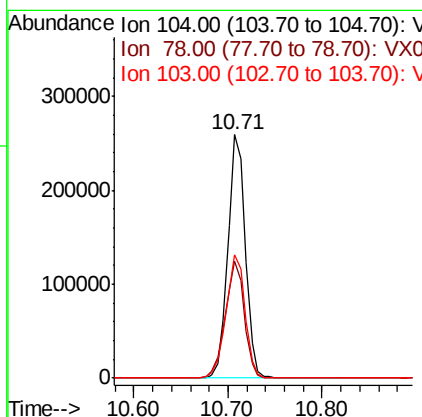
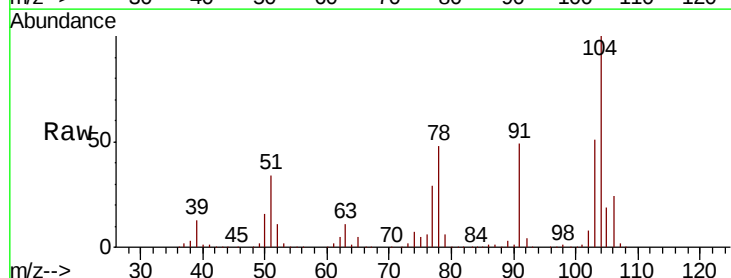
Instrument :
MSVOA_X
ClientSampleId :
ICVVX052819

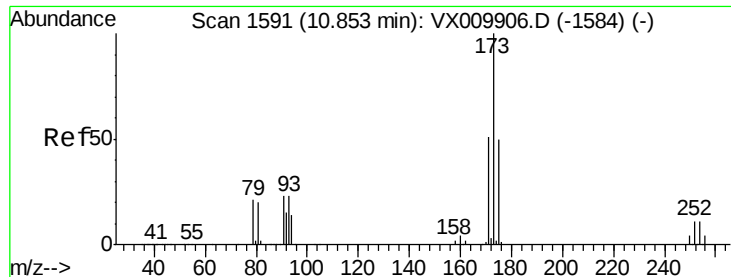
Tot Ion:106 Resp: 188321
Ion Ratio Lower Upper
106 100
91 220.1 110.4 331.2



#70
Styrene
Concen: 55.460 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX009911.D
Acq: 28 May 2019 13:22

Tgt Ion:104 Resp: 333797
Ion Ratio Lower Upper
104 100
78 52.6 42.1 63.1
103 55.1 44.1 66.1





#71

Bromoform

Concen: 56.202 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX009911.D

Acq: 28 May 2019 13:22

Instrument :

MSVOA_X

ClientSampleId :

ICVVX052819

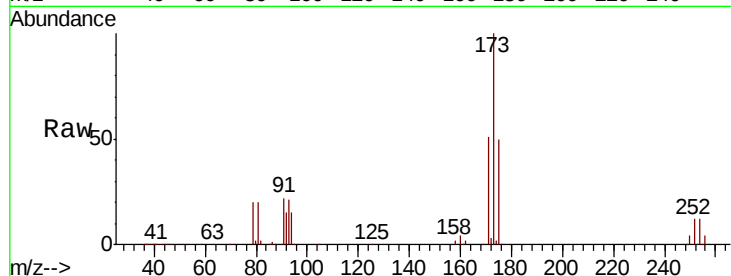
Tot Ion:173 Resp: 85970

Ion Ratio Lower Upper

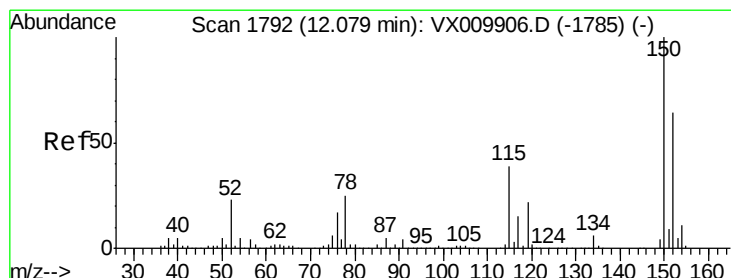
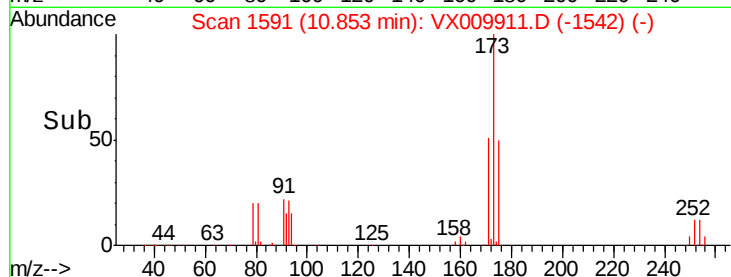
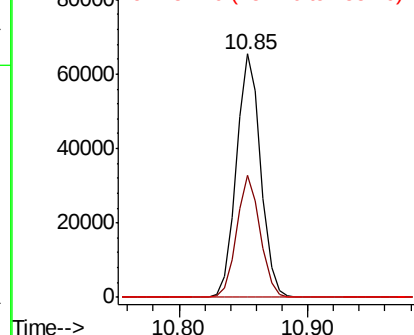
173 100

175 48.7 25.0 75.0

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX009911.D

Acq: 28 May 2019 13:22

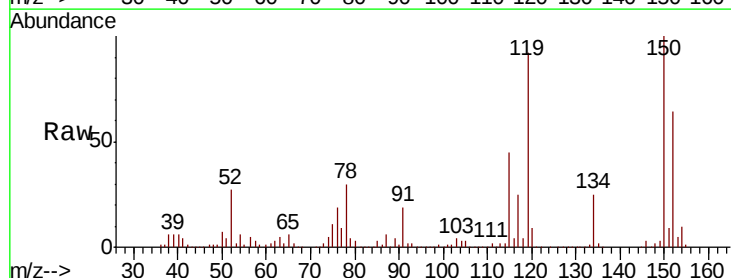
Tgt Ion:152 Resp: 130741

Ion Ratio Lower Upper

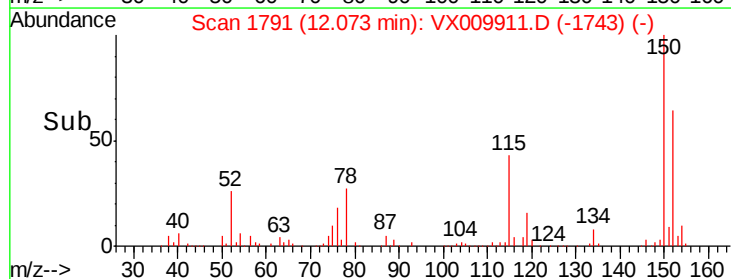
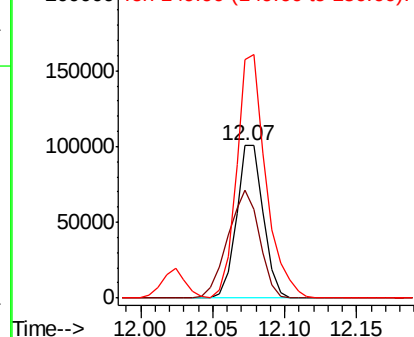
152 100

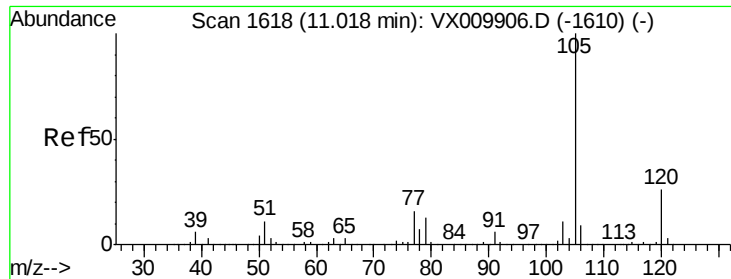
115 84.4 41.4 124.2

150 173.4 0.0 345.2



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





#73

Isopropylbenzene

Concen: 52.871 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX009911.D

Acq: 28 May 2019 13:22

Instrument :

MSVOA_X

ClientSampleId :

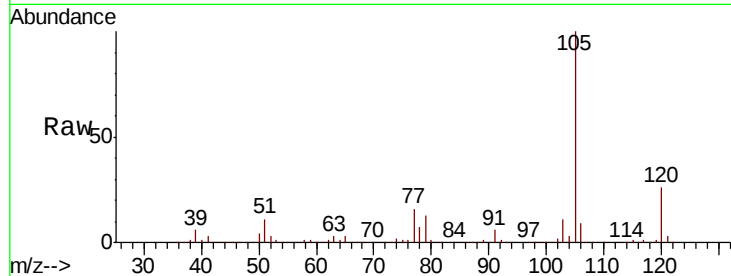
ICVVX052819

Tot Ion:105 Resp: 510018

Ion Ratio Lower Upper

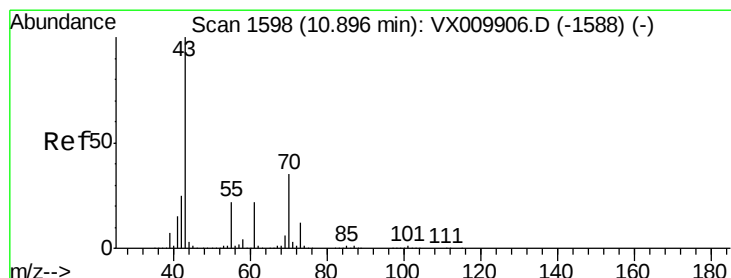
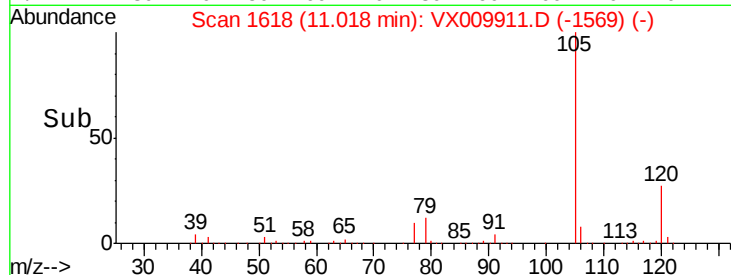
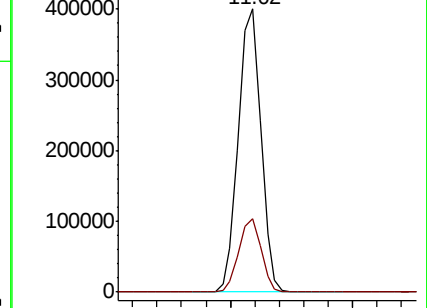
105 100

120 25.7 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.915 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX009911.D

Acq: 28 May 2019 13:22

Tgt Ion: 43 Resp: 305011

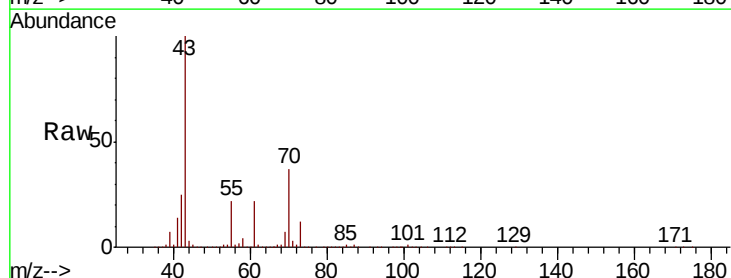
Ion Ratio Lower Upper

43 100

70 36.0 28.6 43.0

55 22.0 17.8 26.8

61 21.7 17.7 26.5

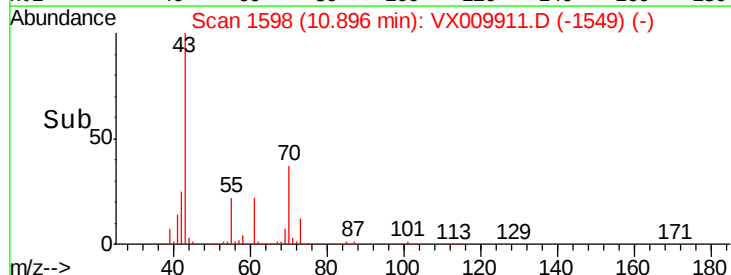
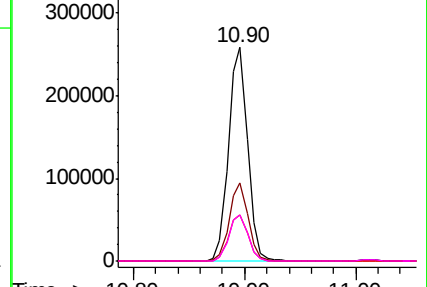


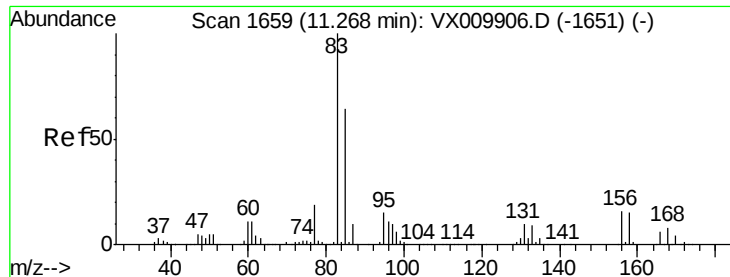
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 49.788 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX009911.D

Acq: 28 May 2019 13:22

Instrument :

MSVOA_X

ClientSampleId :

ICVVX052819

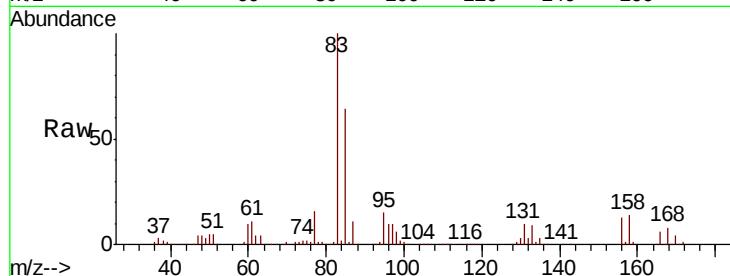
Tot Ion: 83 Resp: 179178

Ion Ratio Lower Upper

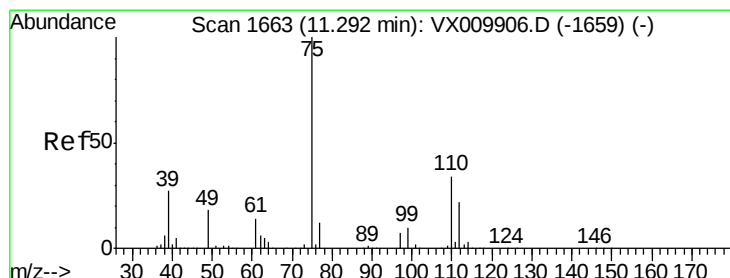
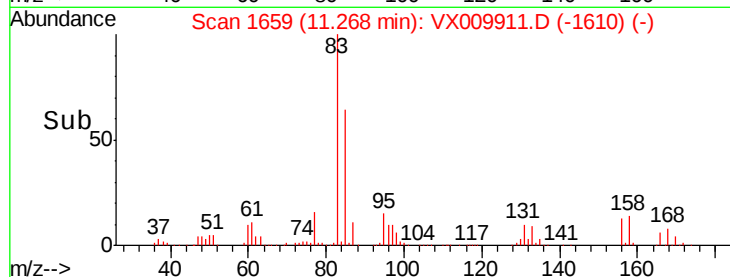
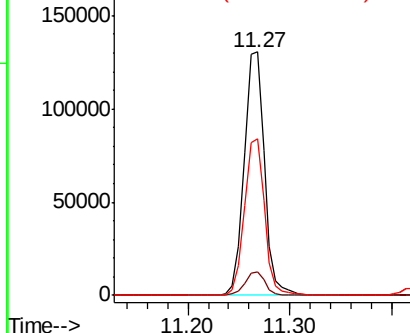
83 100

131 9.4 4.7 14.1

85 64.1 31.9 95.9



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



#76

1,2,3-Trichloropropane

Concen: 69.371 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX009911.D

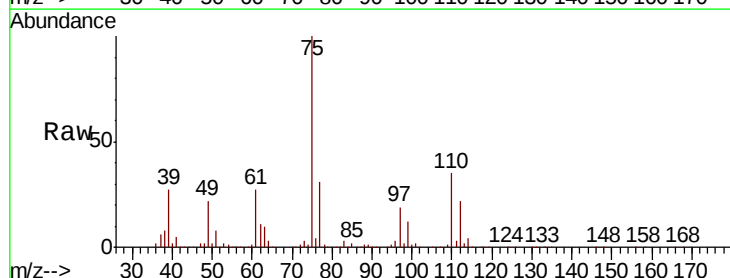
Acq: 28 May 2019 13:22

Tgt Ion: 75 Resp: 216883

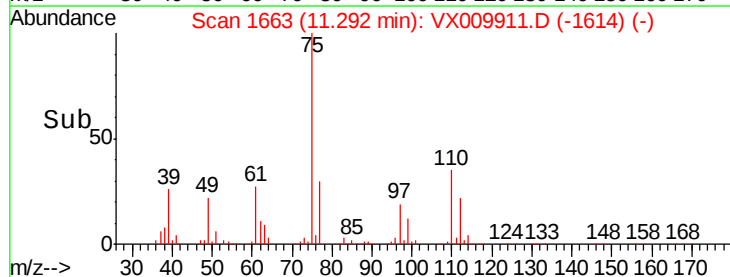
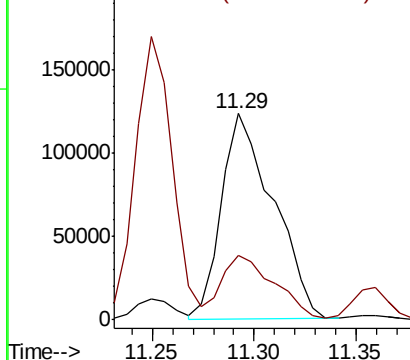
Ion Ratio Lower Upper

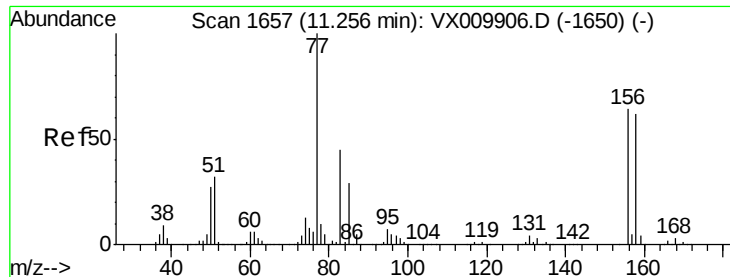
75 100

77 32.1 22.1 66.1



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





#77

Bromobenzene

Concen: 50.861 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX009911.D

Acq: 28 May 2019 13:22

Instrument :

MSVOA_X

ClientSampleId :

ICVX052819

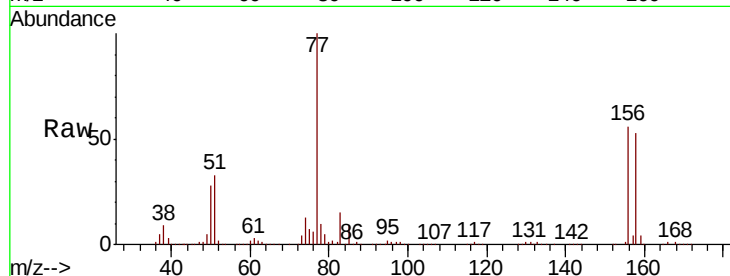
Tot Ion:156 Resp: 125033

Ion Ratio Lower Upper

156 100

77 171.3 86.8 260.3

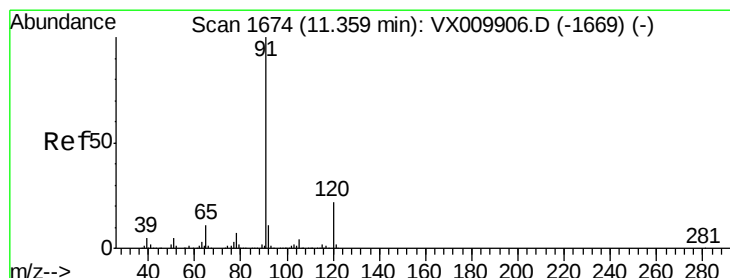
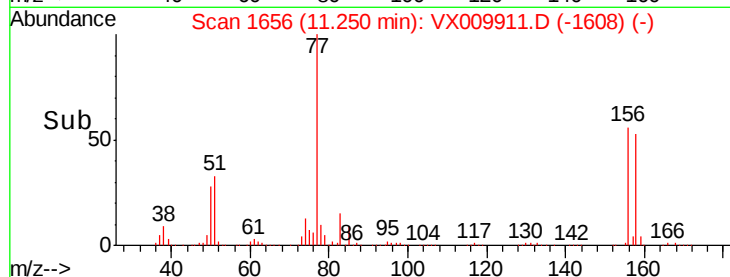
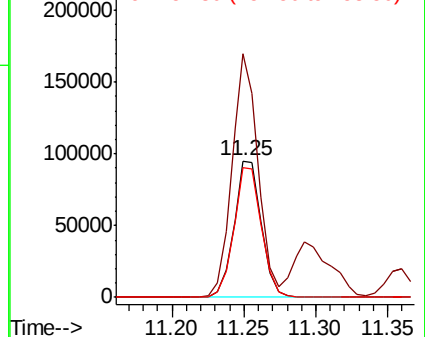
158 96.3 49.6 148.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 54.633 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009911.D

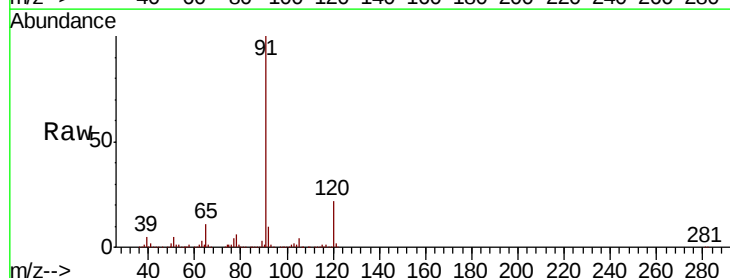
Acq: 28 May 2019 13:22

Tgt Ion: 91 Resp: 607459

Ion Ratio Lower Upper

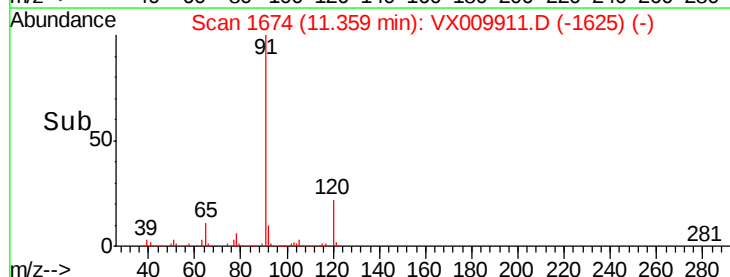
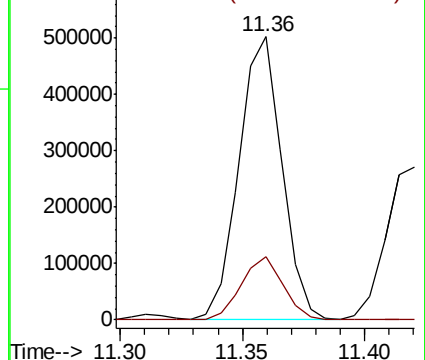
91 100

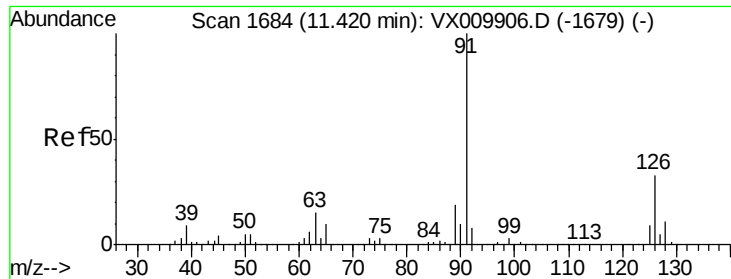
120 22.0 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

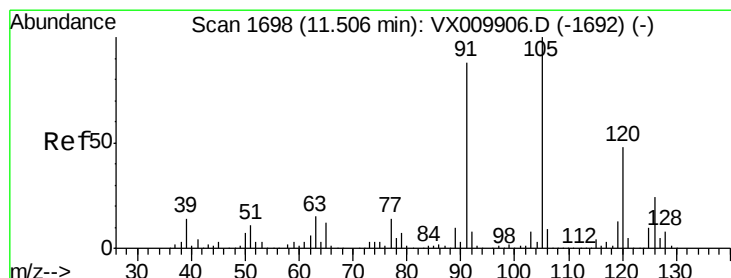
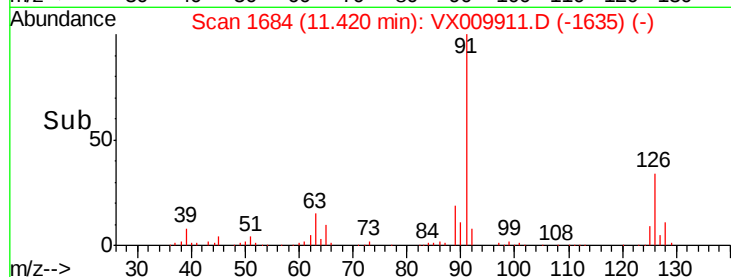
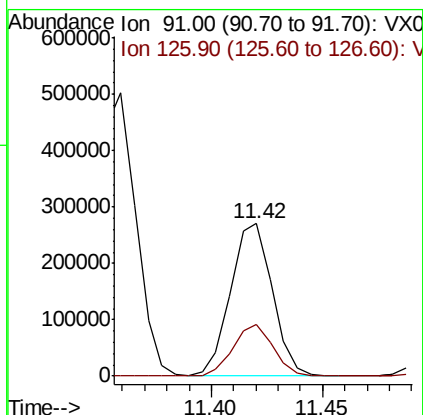
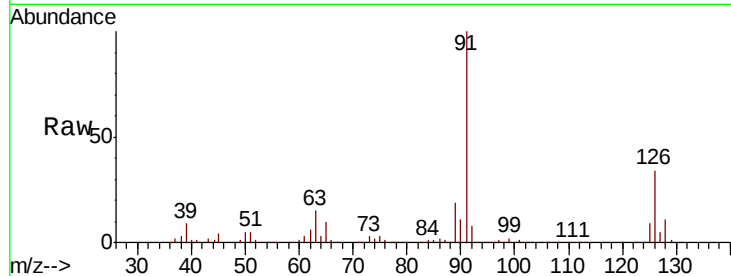




#79
2-Chlorotoluene
Concen: 51.828 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VX009911.D
Acq: 28 May 2019 13:22

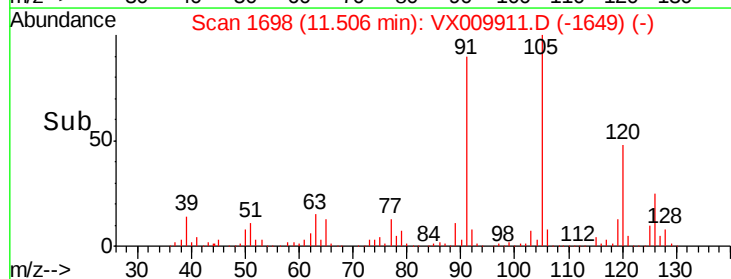
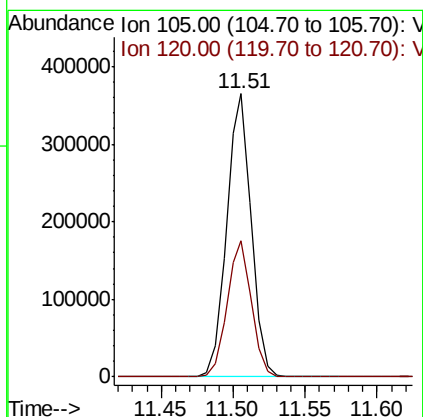
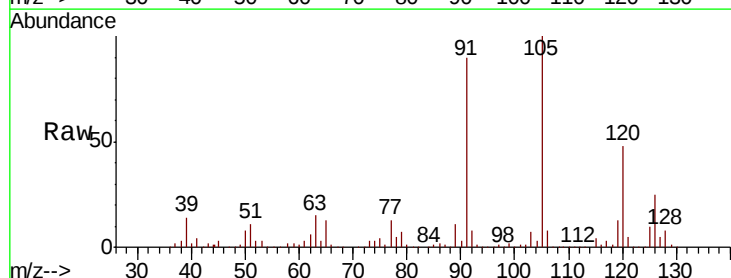
Instrument :
MSVOA_X
ClientSampleId :
ICVVX052819

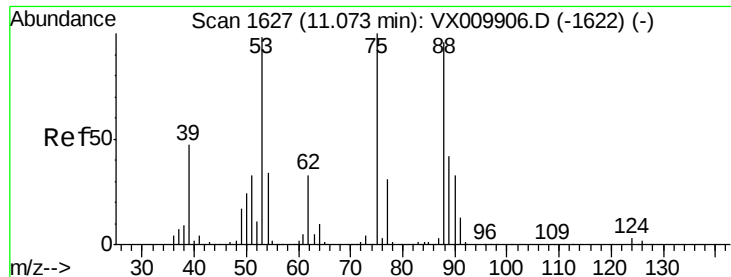
Tot Ion: 91 Resp: 352090
Ion Ratio Lower Upper
91 100
126 32.9 16.1 48.3



#80
1,3,5-Trimethylbenzene
Concen: 53.702 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX009911.D
Acq: 28 May 2019 13:22

Tgt Ion: 105 Resp: 436422
Ion Ratio Lower Upper
105 100
120 47.7 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 52.001 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX009911.D

Acq: 28 May 2019 13:22

Instrument :

MSVOA_X

ClientSampleId :

ICVVX052819

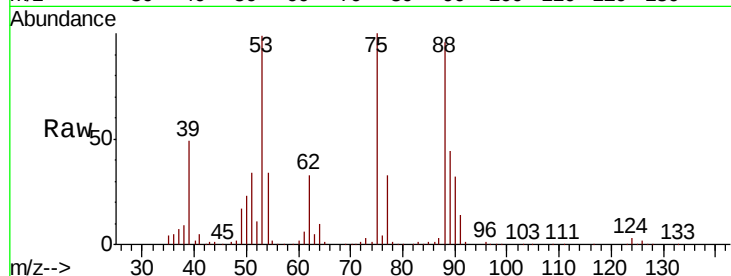
Tot Ion: 75 Resp: 65710

Ion Ratio Lower Upper

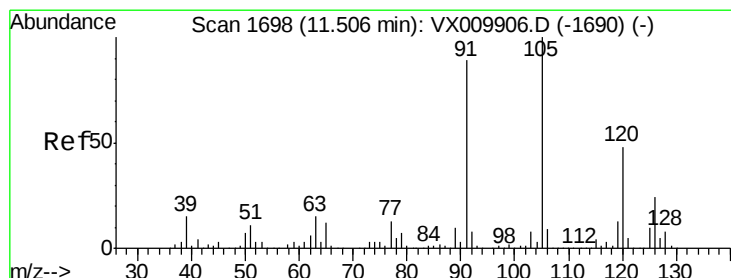
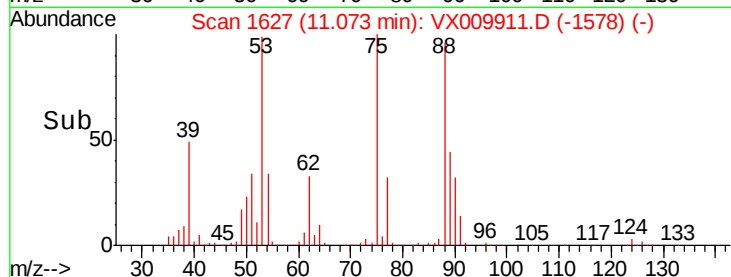
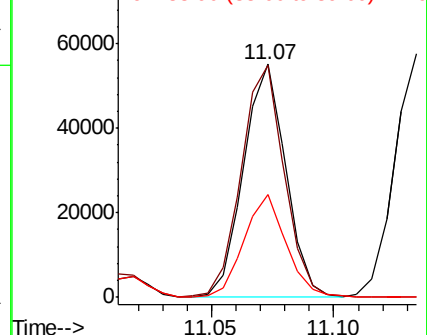
75 100

53 101.8 79.8 119.6

89 44.4 34.2 51.4



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



#82

4-Chlorotoluene

Concen: 52.414 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009911.D

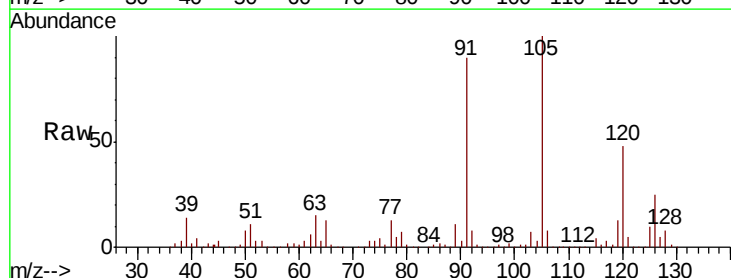
Acq: 28 May 2019 13:22

Tgt Ion: 91 Resp: 414500

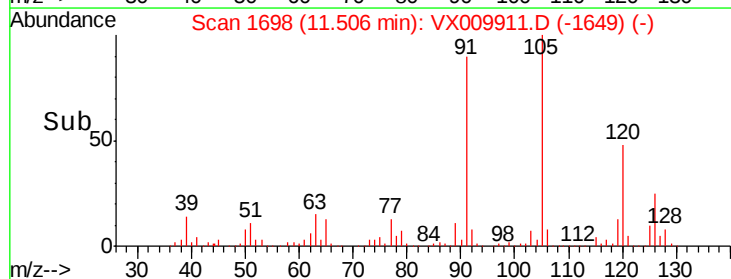
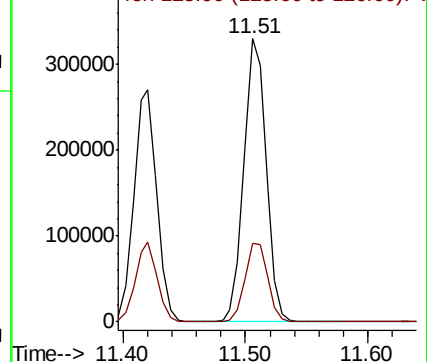
Ion Ratio Lower Upper

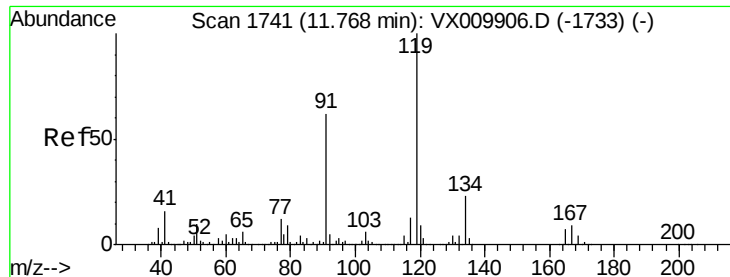
91 100

126 28.6 14.2 42.6



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

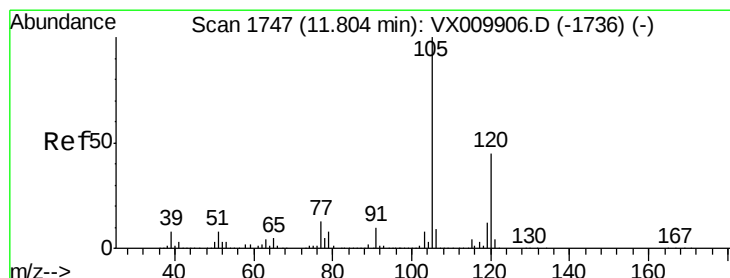
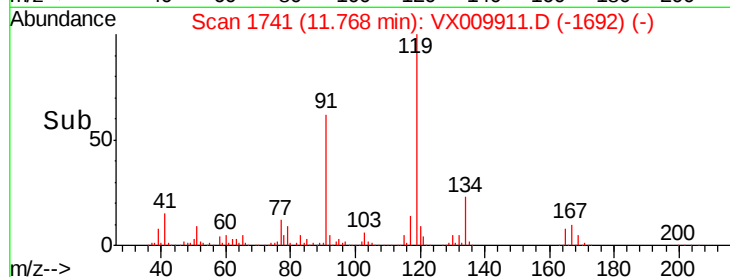
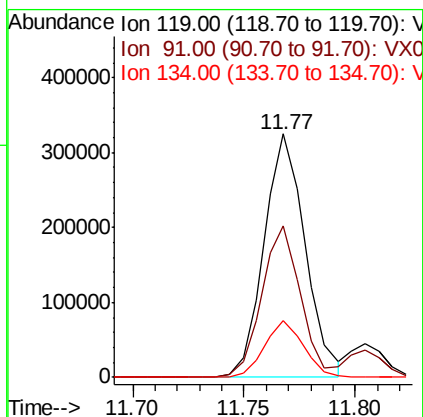
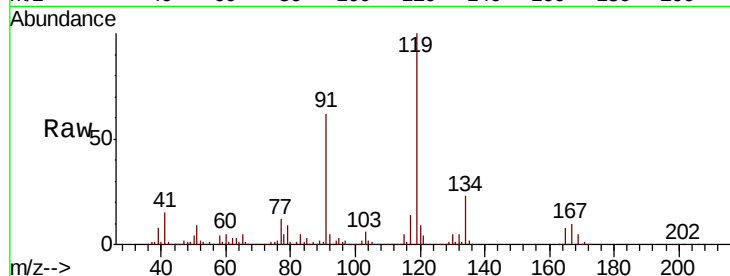




#83
tert-Butylbenzene
Concen: 53.526 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX009911.D
Acq: 28 May 2019 13:22

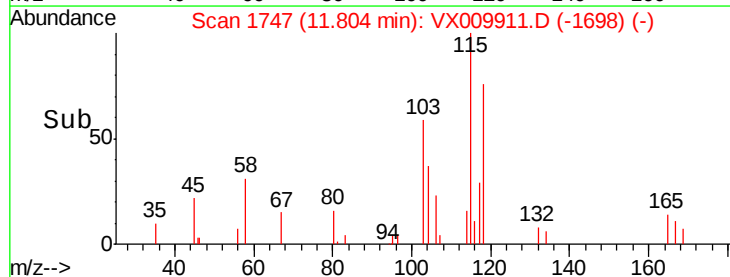
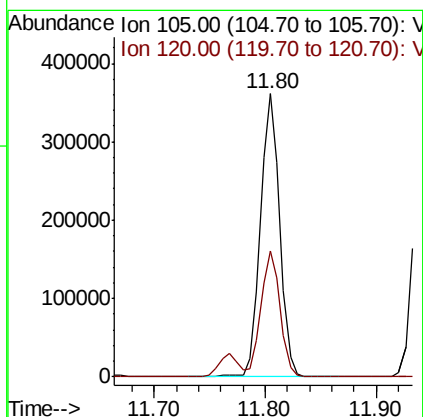
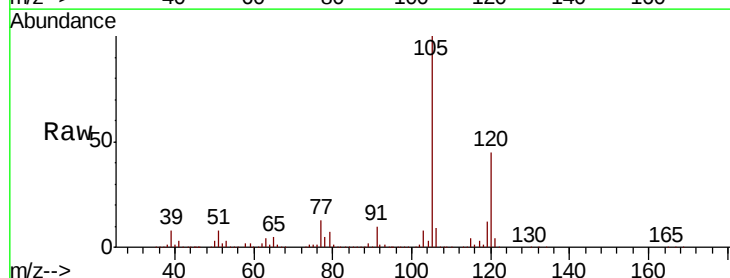
Instrument :
MSVOA_X
ClientSampleId :
ICVVX052819

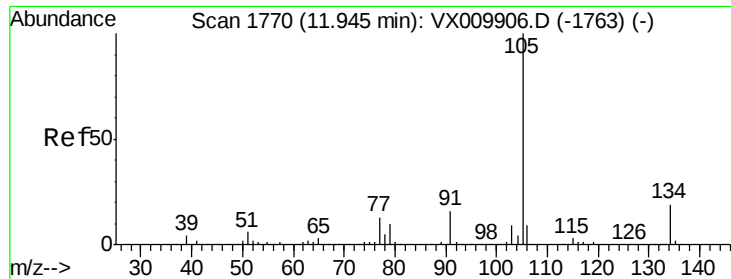
Tot Ion:119 Resp: 416157
Ion Ratio Lower Upper
119 100
91 59.3 30.0 90.0
134 22.1 11.2 33.5



#84
1,2,4-Trimethylbenzene
Concen: 53.007 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX009911.D
Acq: 28 May 2019 13:22

Tgt Ion:105 Resp: 437470
Ion Ratio Lower Upper
105 100
120 44.2 22.1 66.1





#85

sec-Butylbenzene

Concen: 54.263 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX009911.D

Acq: 28 May 2019 13:22

Instrument :

MSVOA_X

ClientSampleId :

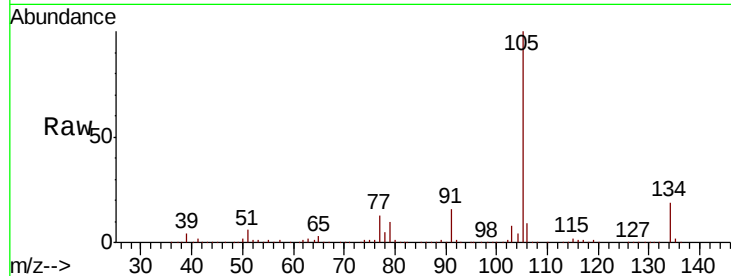
ICVX052819

Tot Ion:105 Resp: 501911

Ion Ratio Lower Upper

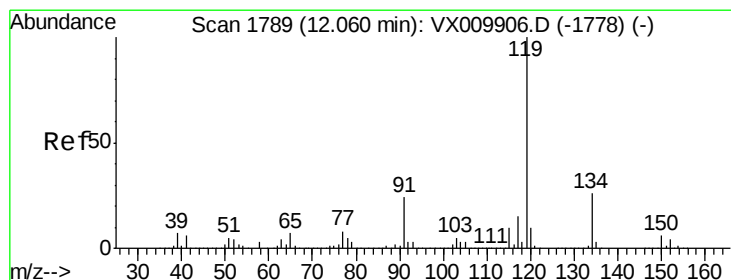
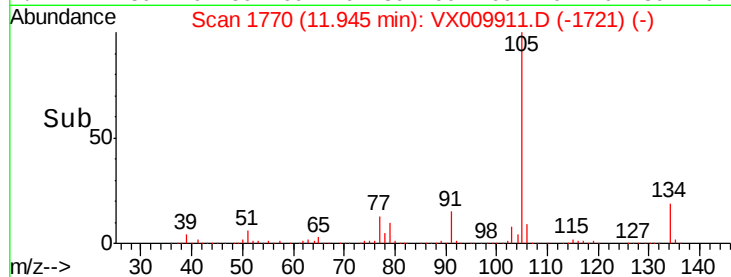
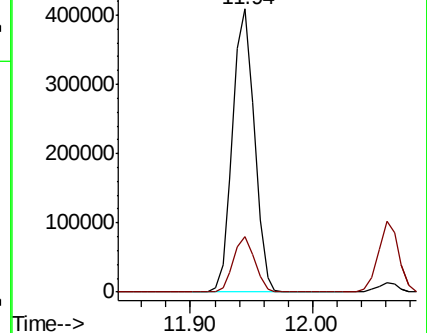
105 100

134 19.3 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 55.878 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX009911.D

Acq: 28 May 2019 13:22

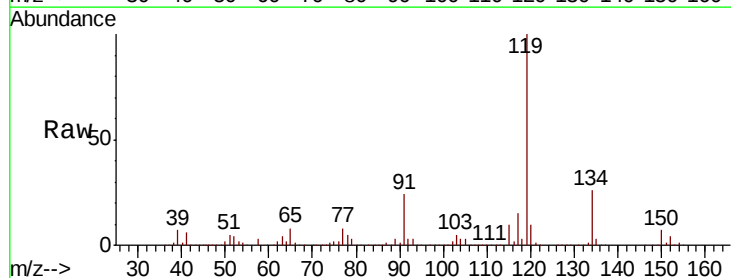
Tgt Ion:119 Resp: 464885

Ion Ratio Lower Upper

119 100

134 25.8 12.9 38.6

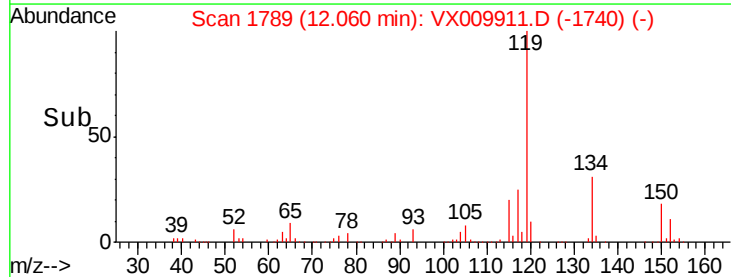
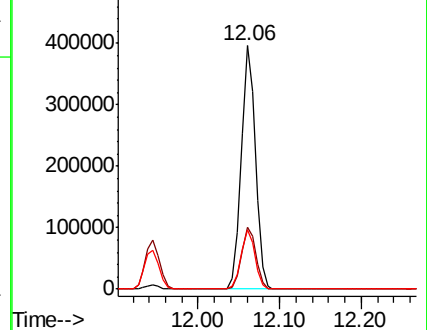
91 24.0 11.9 35.9

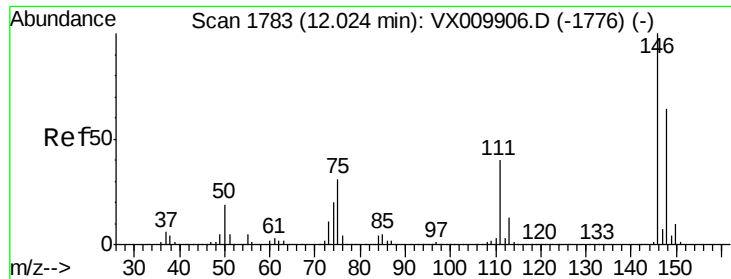


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

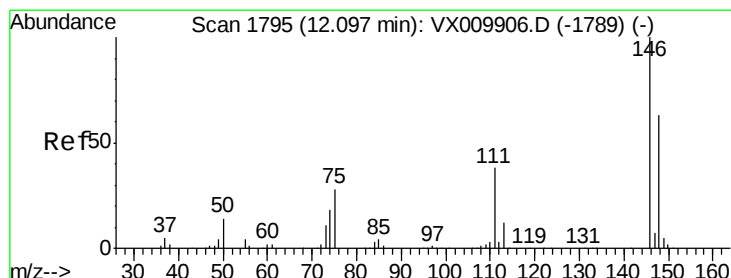
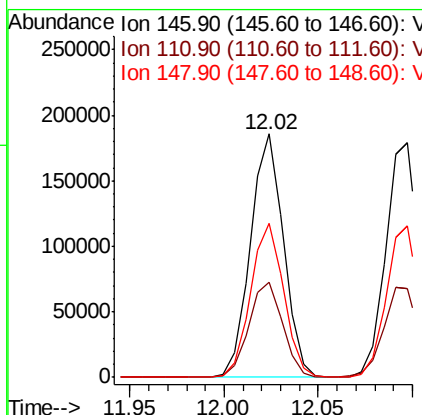
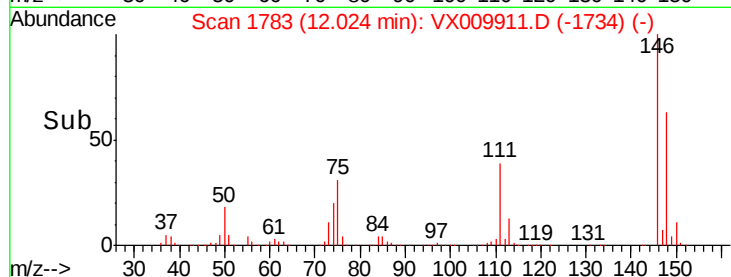
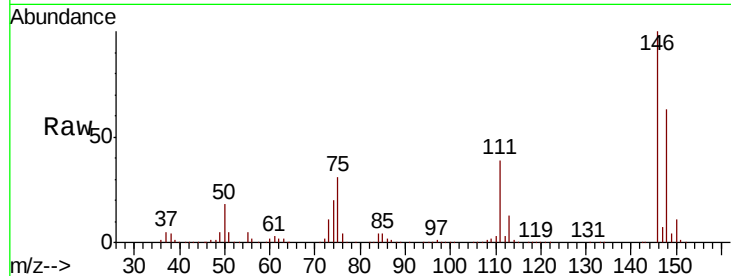




#87
 1,3-Dichlorobenzene
 Concen: 51.718 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX009911.D
 Acq: 28 May 2019 13:22

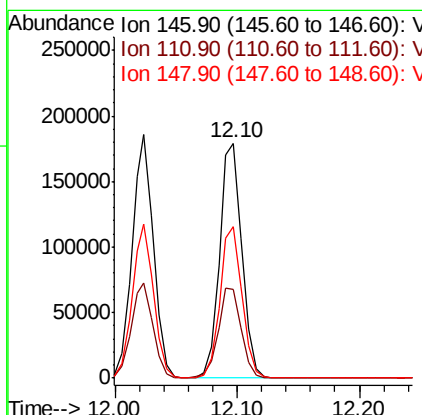
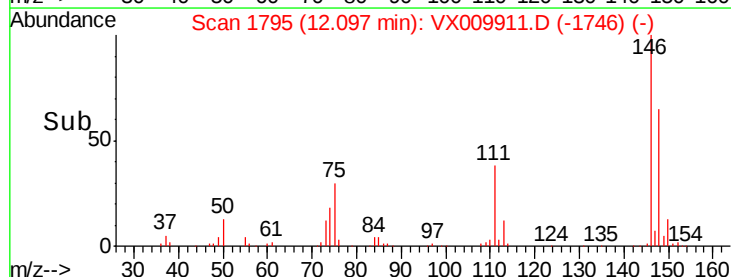
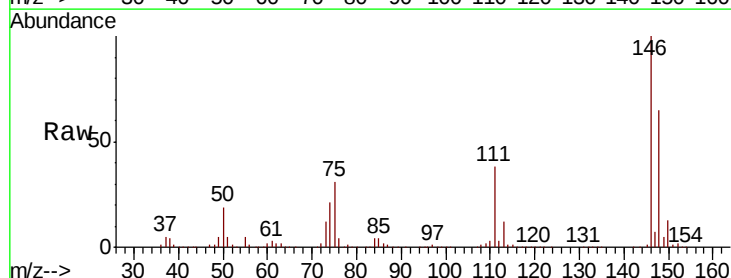
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX052819

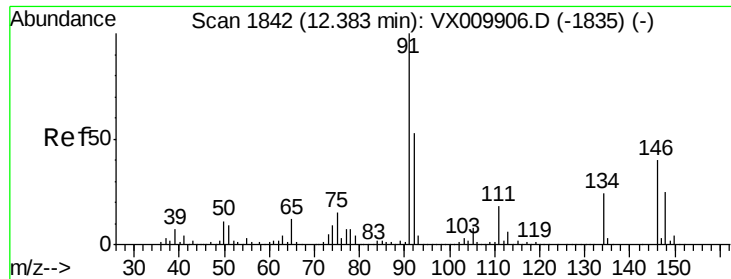
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.1	60.2
148	63.3	31.9	95.5



#88
 1,4-Dichlorobenzene
 Concen: 50.683 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX009911.D
 Acq: 28 May 2019 13:22

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.6	20.0	59.9
148	63.9	32.3	96.9

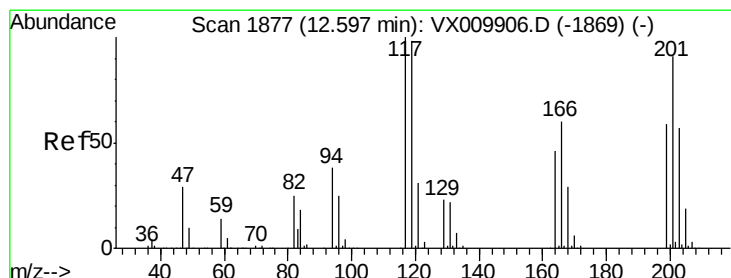
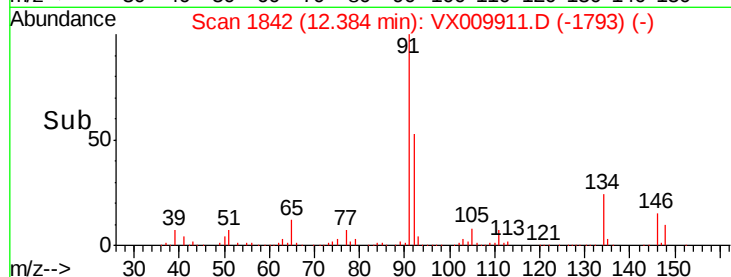
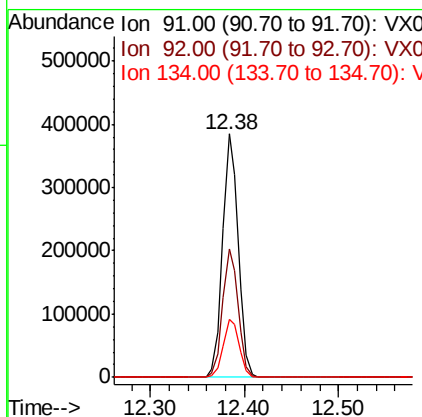
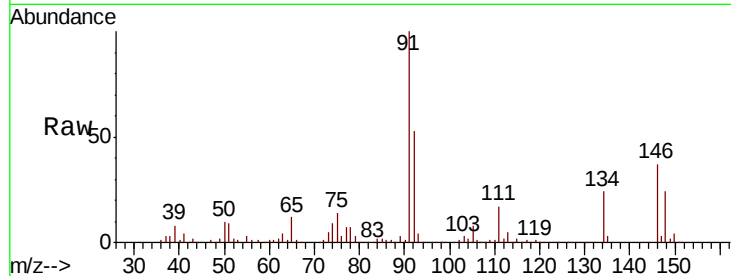




#89
n-Butylbenzene
Concen: 56.423 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX009911.D
Acq: 28 May 2019 13:22

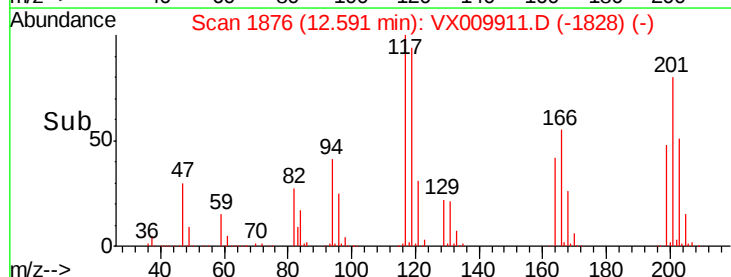
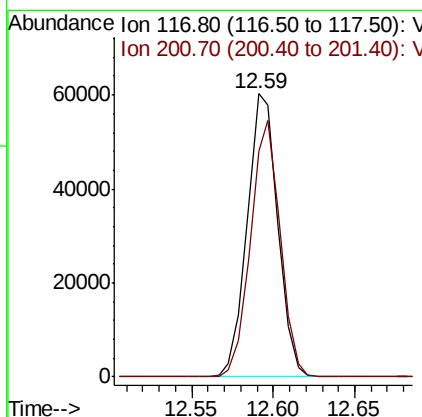
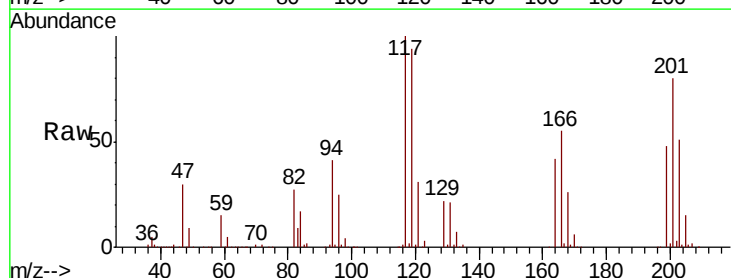
Instrument :
MSVOA_X
ClientSampleId :
ICVVX052819

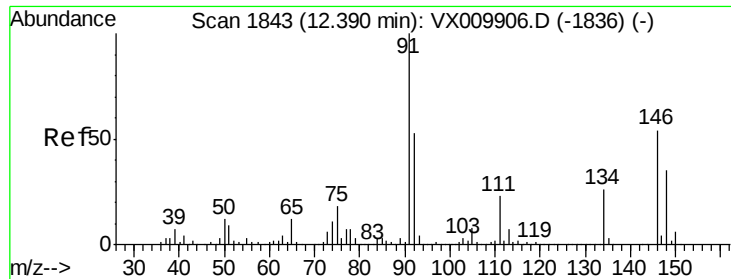
Tot Ion: 91 Resp: 441158
Ion Ratio Lower Upper
91 100
92 52.8 26.3 78.8
134 24.5 12.3 36.8



#90
Hexachloroethane
Concen: 55.422 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX009911.D
Acq: 28 May 2019 13:22

Tgt Ion: 117 Resp: 79129
Ion Ratio Lower Upper
117 100
201 87.3 43.6 130.9





#91

1,2-Dichlorobenzene

Concen: 50.985 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX009911.D

Acq: 28 May 2019 13:22

Instrument :

MSVOA_X

ClientSampleId :

ICVVX052819

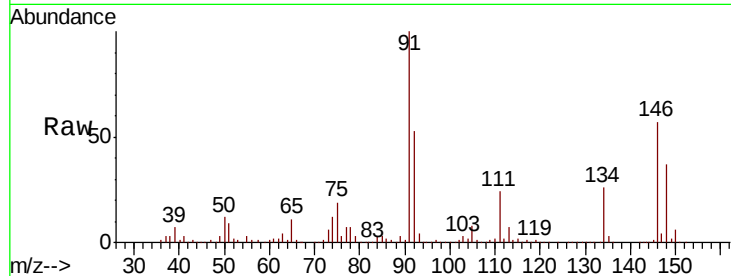
Tot Ion:146 Resp: 220004

Ion Ratio Lower Upper

146 100

111 42.0 21.1 63.1

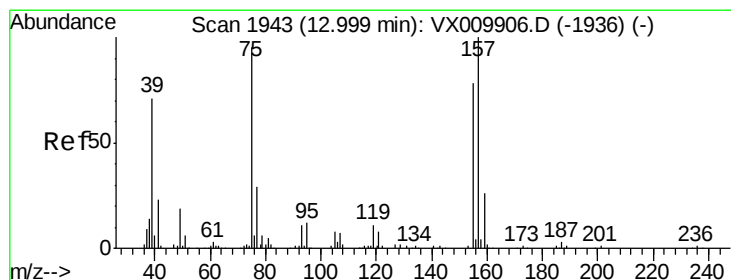
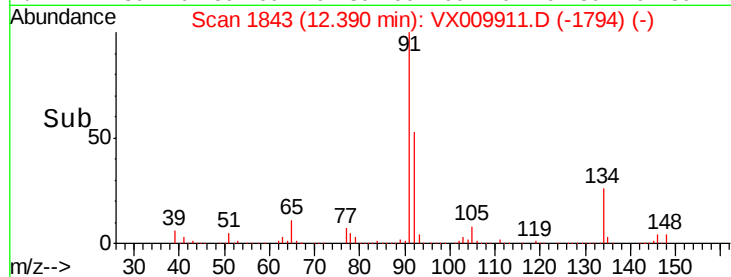
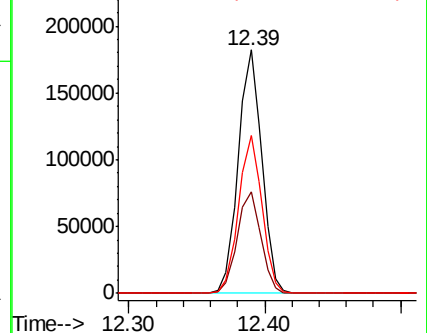
148 64.4 32.3 96.8



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: 48.785 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX009911.D

Acq: 28 May 2019 13:22

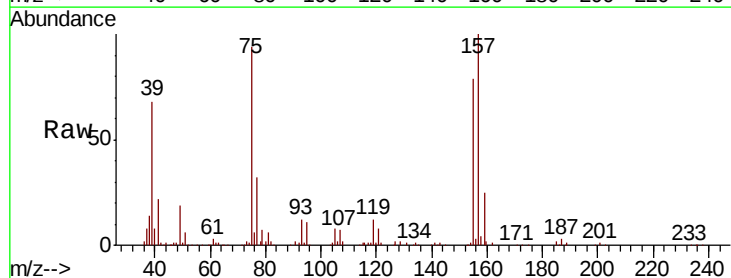
Tgt Ion: 75 Resp: 41326

Ion Ratio Lower Upper

75 100

155 79.5 39.3 117.8

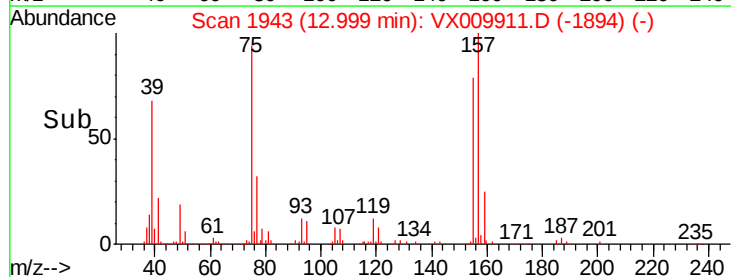
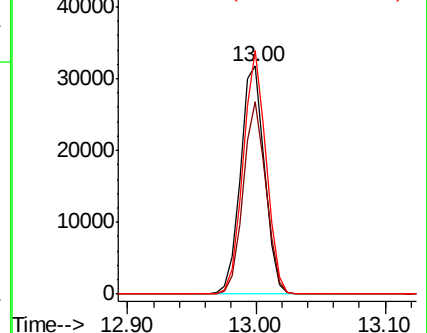
157 100.7 50.6 151.8

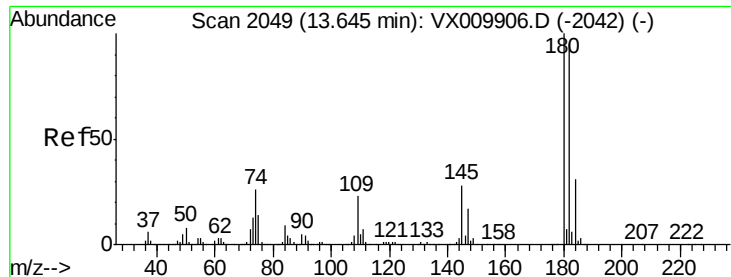


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

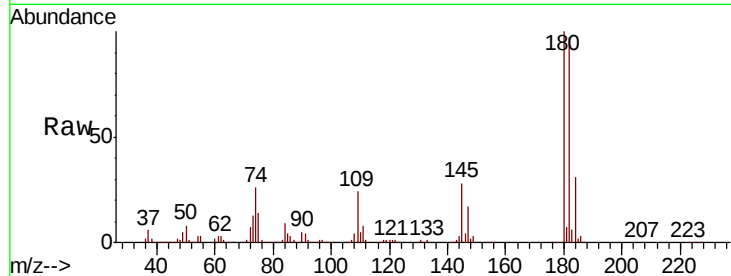




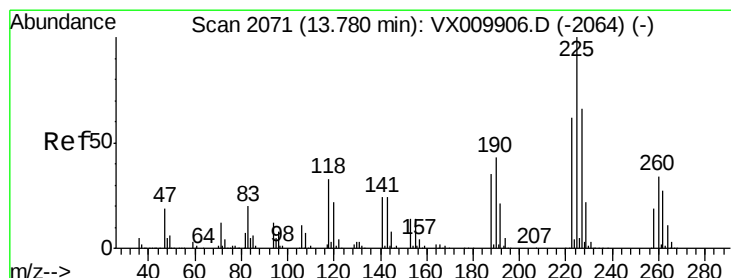
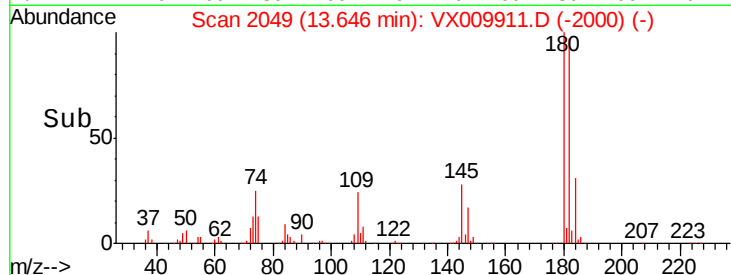
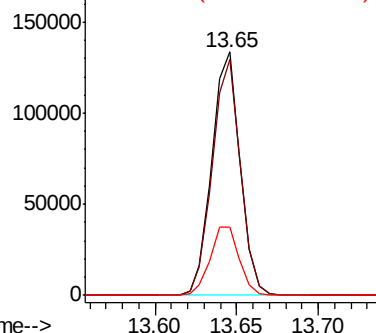
#93
 1,2,4-Trichlorobenzene
 Concen: 52.557 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX009911.D
 Acq: 28 May 2019 13:22

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX052819

Tot Ion:180 Resp: 162067
 Ion Ratio Lower Upper
 180 100
 182 96.0 47.4 142.2
 145 29.1 14.5 43.5

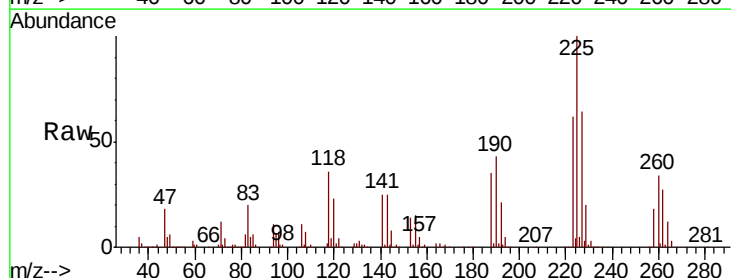


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

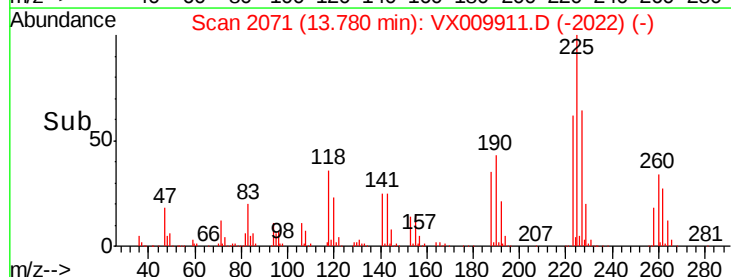
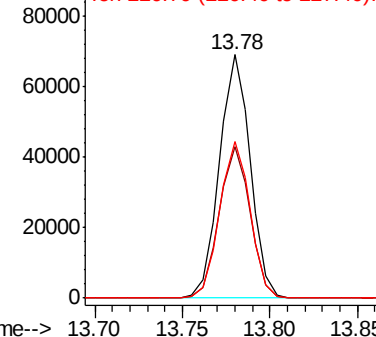


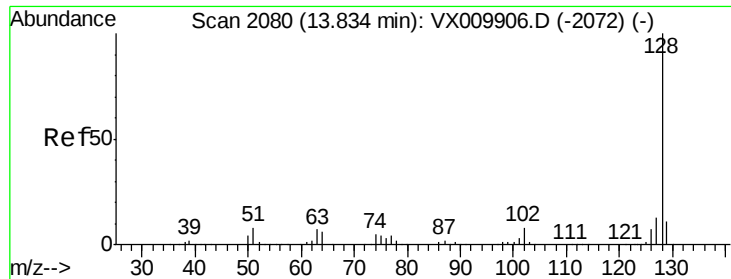
#94
 Hexachlorobutadiene
 Concen: 54.894 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX009911.D
 Acq: 28 May 2019 13:22

Tgt Ion:225 Resp: 84904
 Ion Ratio Lower Upper
 225 100
 223 62.5 31.3 93.8
 227 63.6 32.3 96.8



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





#95

Naphthalene

Concen: 51.885 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX009911.D

Acq: 28 May 2019 13:22

Instrument :

MSVOA_X

ClientSampleId :

ICVVX052819

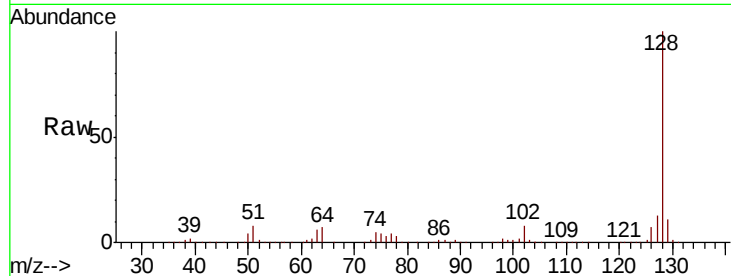
Tot Ion:128 Resp: 497892

Ion Ratio Lower Upper

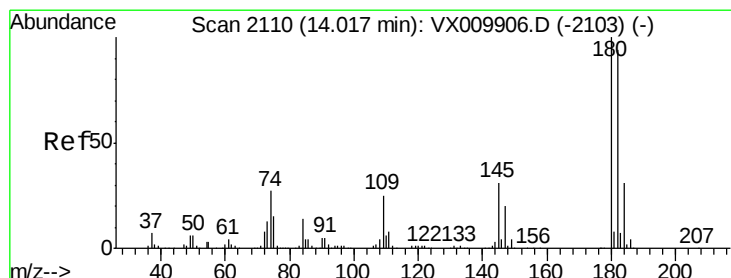
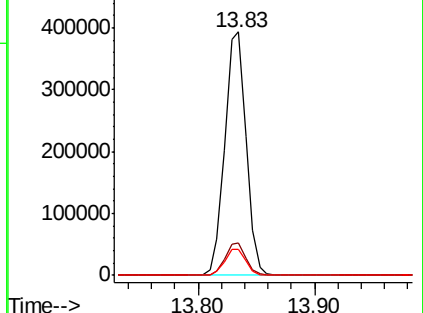
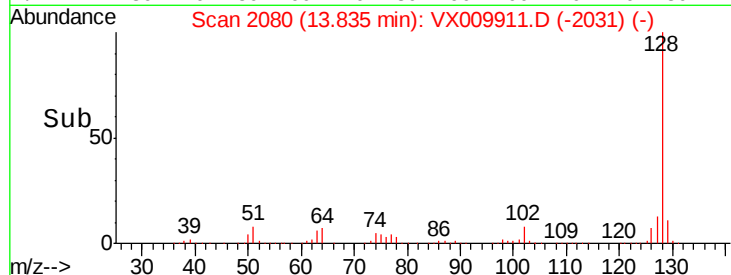
128 100

127 13.0 10.6 16.0

129 10.8 8.8 13.2



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



#96

1,2,3-Trichlorobenzene

Concen: 51.455 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX009911.D

Acq: 28 May 2019 13:22

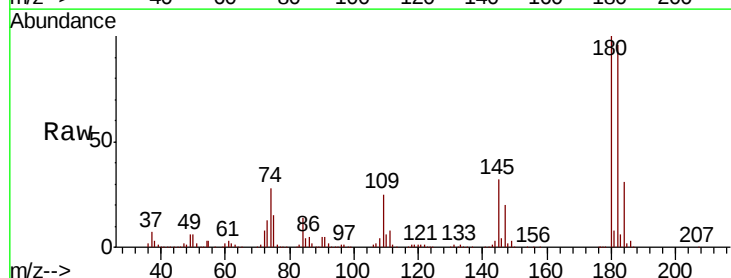
Tgt Ion:180 Resp: 158825

Ion Ratio Lower Upper

180 100

182 95.5 47.3 142.0

145 31.0 15.6 46.7



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

