

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061219\
 Data File : VX010241.D
 Acq On : 12 Jun 2019 11:00
 Operator : JC/SP
 Sample : VX0612WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 13 01:24:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	317617	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	464797	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	421428	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	220640	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	143843	46.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.80%	
35) Dibromofluoromethane	5.49	113	145954	50.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.82%	
50) Toluene-d8	8.71	98	554146	51.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.14%	
62) 4-Bromofluorobenzene	11.13	95	201109	50.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	56155	19.215	ug/l	95
3) Chloromethane	1.32	50	51023	17.580	ug/l	97
4) Vinyl Chloride	1.40	62	54941	20.141	ug/l	97
5) Bromomethane	1.64	94	27510	26.725	ug/l	98
6) Chloroethane	1.72	64	32980	23.980	ug/l	97
7) Trichlorofluoromethane	1.93	101	85111	21.005	ug/l	97
8) Diethyl Ether	2.18	74	31014	22.207	ug/l	76
9) 1,1,2-Trichlorotrifluoroet	2.39	101	50130	17.948	ug/l	93
10) Methyl Iodide	2.51	142	73729	17.037	ug/l	97
11) Tert butyl alcohol	3.04	59	72503	95.463	ug/l	98
12) 1,1-Dichloroethene	2.37	96	47702	16.721	ug/l	84
13) Acrolein	2.29	56	10203	73.676	ug/l	96
14) Allyl chloride	2.73	41	71988	16.717	ug/l #	86
15) Acrylonitrile	3.14	53	138210	89.031	ug/l	98
16) Acetone	2.44	43	133323	91.430	ug/l #	87
17) Carbon Disulfide	2.57	76	128483	15.586	ug/l	98
18) Methyl Acetate	2.77	43	56820	17.718	ug/l #	79
19) Methyl tert-butyl Ether	3.19	73	159004	17.348	ug/l	95
20) Methylene Chloride	2.85	84	55934	17.466	ug/l #	77
21) trans-1,2-Dichloroethene	3.17	96	53330	16.892	ug/l #	79
22) Diisopropyl ether	3.85	45	147335	17.895	ug/l #	84
23) Vinyl Acetate	3.81	43	652207	88.794	ug/l #	88
24) 1,1-Dichloroethane	3.70	63	87290	17.461	ug/l	95
25) 2-Butanone	4.67	43	196286	90.396	ug/l #	86
26) 2,2-Dichloropropane	4.58	77	77632	17.023	ug/l	93
27) cis-1,2-Dichloroethene	4.59	96	61951	17.638	ug/l	80
28) Bromochloromethane	5.01	49	39323	17.552	ug/l #	48
29) Tetrahydrofuran	5.13	42	117337	85.985	ug/l #	74
30) Chloroform	5.20	83	91162	17.559	ug/l	98
31) Cyclohexane	5.58	56	79840	17.696	ug/l #	75
32) 1,1,1-Trichloroethane	5.49	97	82246	16.851	ug/l	93
36) 1,1-Dichloropropene	5.79	75	67533	17.809	ug/l	92
37) Ethyl Acetate	4.83	43	70593	17.892	ug/l #	92
38) Carbon Tetrachloride	5.78	117	76911	17.919	ug/l	98

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Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 13 01:24:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	7.46	83	92720	17.957	ug/l #	84
40) Benzene	6.14	78	215314	18.363	ug/l	100
41) Methacrylonitrile	5.04	41	37277	17.466	ug/l #	83
42) 1,2-Dichloroethane	6.19	62	66301	17.711	ug/l	93
43) Isopropyl Acetate	6.44	43	116022	17.587	ug/l #	89
44) Trichloroethene	7.21	130	64851	18.348	ug/l	86
45) 1,2-Dichloropropane	7.51	63	53982	18.393	ug/l	97
46) Dibromomethane	7.66	93	38394	17.462	ug/l	90
47) Bromodichloromethane	7.90	83	73577	17.908	ug/l #	98
48) Methyl methacrylate	7.77	41	54247	17.583	ug/l #	77
49) 1,4-Dioxane	7.74	88	32875	373.743	ug/l #	79
51) 4-Methyl-2-Pentanone	8.64	43	369837	93.844	ug/l	90
52) Toluene	8.78	92	140044	18.169	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	81329	17.114	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	89029	17.475	ug/l #	87
55) 1,1,2-Trichloroethane	9.21	97	59616	18.886	ug/l	97
56) Ethyl methacrylate	9.18	69	89341	17.917	ug/l #	81
57) 1,3-Dichloropropane	9.37	76	92244	18.561	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	214489	91.243	ug/l #	86
59) 2-Hexanone	9.49	43	295315	93.984	ug/l	88
60) Dibromochloromethane	9.58	129	67877	18.179	ug/l	99
61) 1,2-Dibromoethane	9.67	107	63214	17.980	ug/l	98
64) Tetrachloroethene	9.34	164	60813	19.429	ug/l	97
65) Chlorobenzene	10.13	112	162065	18.633	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	61200	18.297	ug/l	99
67) Ethyl Benzene	10.25	91	273394	18.464	ug/l	94
68) m/p-Xylenes	10.35	106	216921	37.858	ug/l	88
69) o-Xylene	10.69	106	106221	18.649	ug/l	88
70) Styrene	10.71	104	179395	18.597	ug/l	94
71) Bromoform	10.85	173	54137	17.606	ug/l #	100
73) Isopropylbenzene	11.02	105	278370	18.073	ug/l	94
74) N-amyl acetate	10.90	43	106429	17.481	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.27	83	92459	17.537	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	102665	23.263	ug/l	81
77) Bromobenzene	11.26	156	76771	18.126	ug/l	79
78) n-propylbenzene	11.36	91	310806	18.126	ug/l	94
79) 2-Chlorotoluene	11.42	91	180953	17.571	ug/l	90
80) 1,3,5-Trimethylbenzene	11.51	105	236051	18.196	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	32088	16.064	ug/l	84
82) 4-Chlorotoluene	11.51	91	208978	17.863	ug/l	90
83) tert-Butylbenzene	11.77	119	237163	18.062	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	235285	17.956	ug/l	94
85) sec-Butylbenzene	11.94	105	278954	18.236	ug/l	95
86) p-Isopropyltoluene	12.06	119	258884	18.512	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	138147	18.517	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	136325	18.127	ug/l	98
89) n-Butylbenzene	12.38	91	219601	18.243	ug/l	97
90) Hexachloroethane	12.60	117	46583	16.722	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	137173	18.913	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	19979	16.103	ug/l	65

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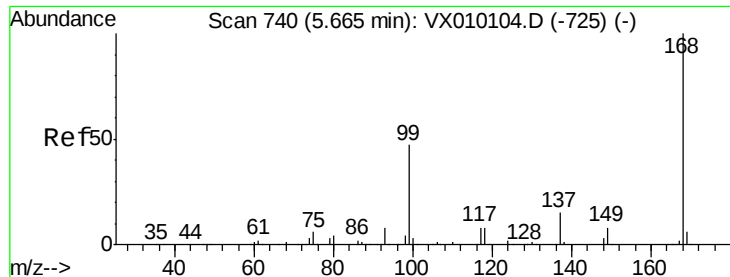
Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 13 01:24:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 08 02:12:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	98870	18.623	ug/l	99
94) Hexachlorobutadiene	13.78	225	46508	19.697	ug/l	100
95) Naphthalene	13.83	128	298971	17.889	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	100752	19.193	ug/l	99

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

[illegible]



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010241.D

Acq: 12 Jun 2019 11:00

Instrument :

MSVOA_X

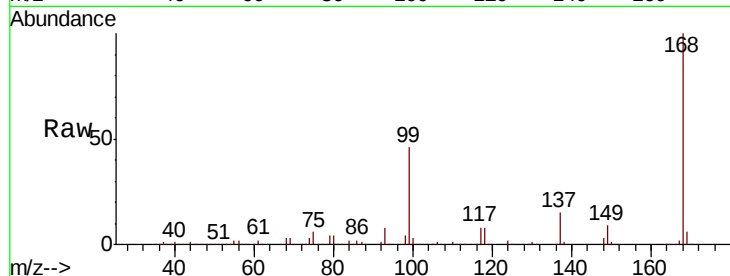
ClientSampled :

Tot Ion:168 Resp: 317617

Ion Ratio Lower Upper

168 100

99 45.8 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

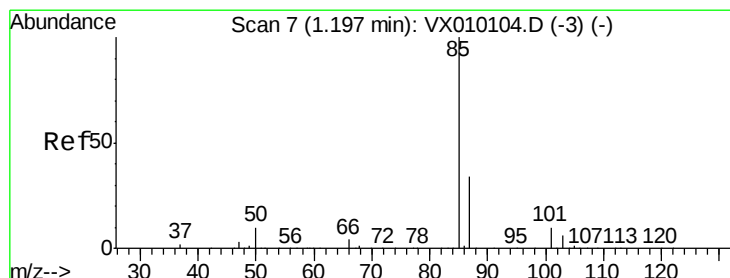
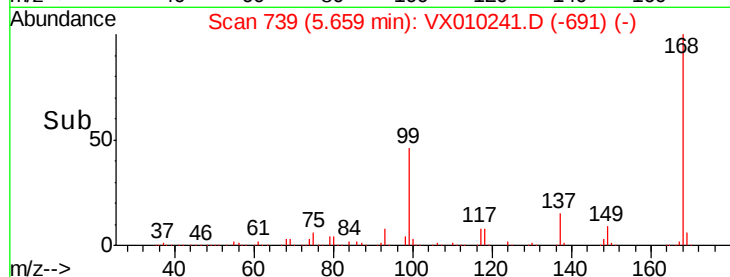
5.66

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 19.215 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX010241.D

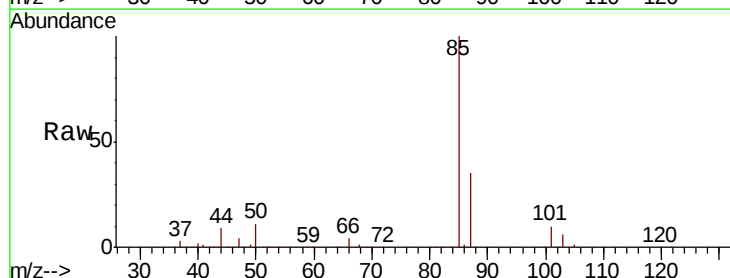
Acq: 12 Jun 2019 11:00

Tgt Ion: 85 Resp: 56155

Ion Ratio Lower Upper

85 100

87 34.8 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

50000

40000

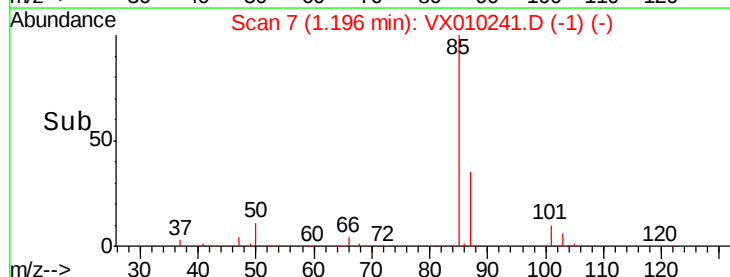
30000

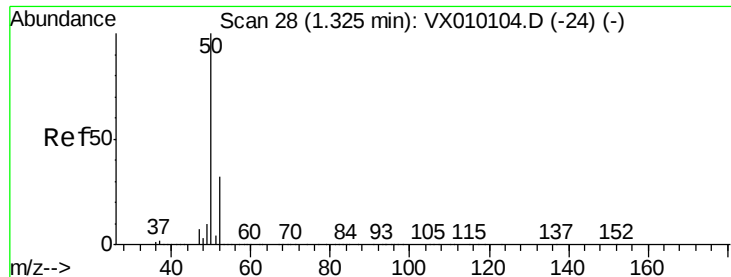
20000

10000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 17.580 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX010241.D

Acq: 12 Jun 2019 11:00

Instrument :

MSVOA_X

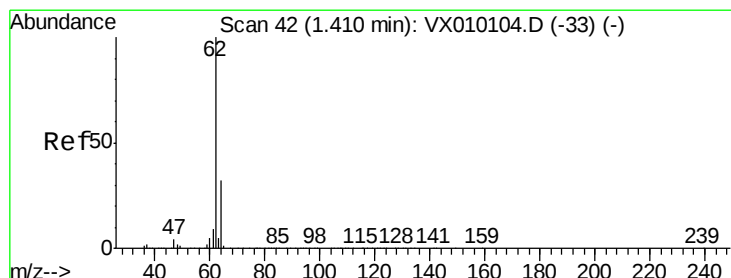
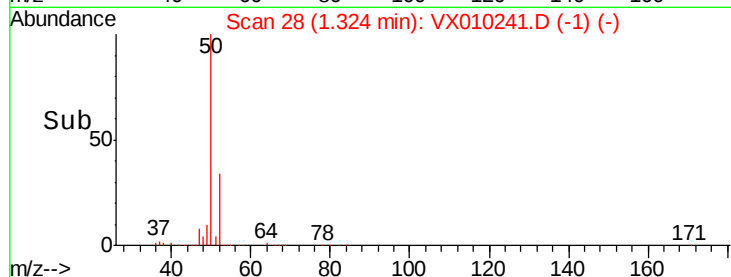
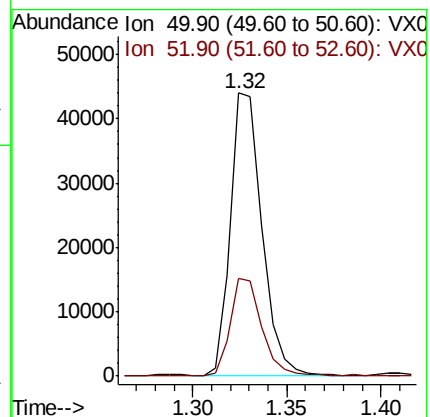
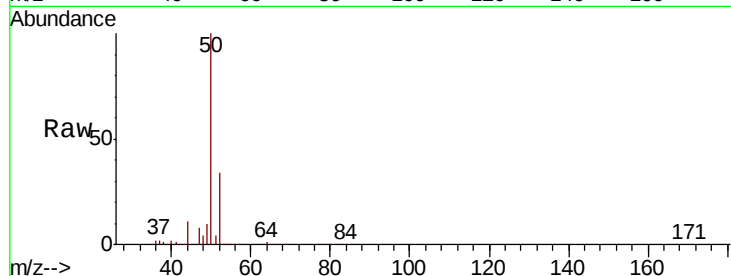
ClientSampleId :

Tot Ion: 50 Resp: 51023

Ion Ratio Lower Upper

50 100

52 34.3 26.0 39.0



#4

Vinyl Chloride

Concen: 20.141 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX010241.D

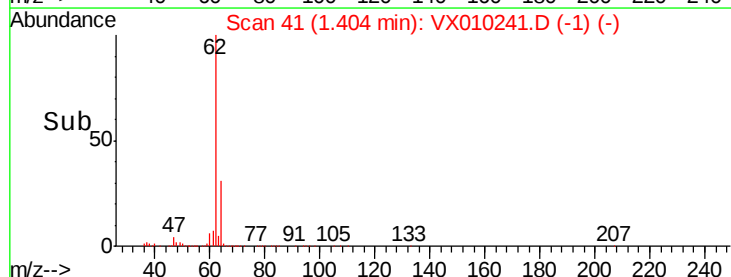
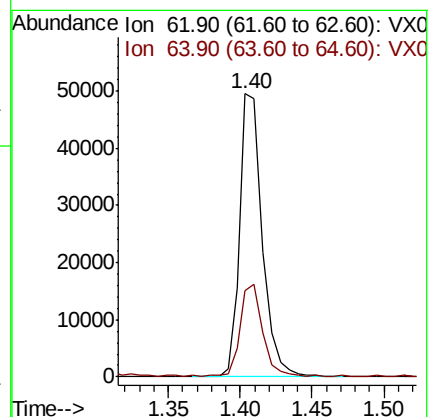
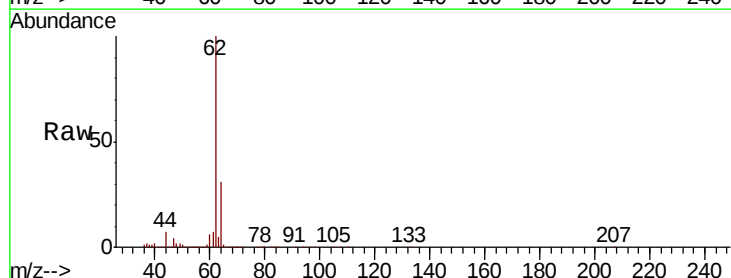
Acq: 12 Jun 2019 11:00

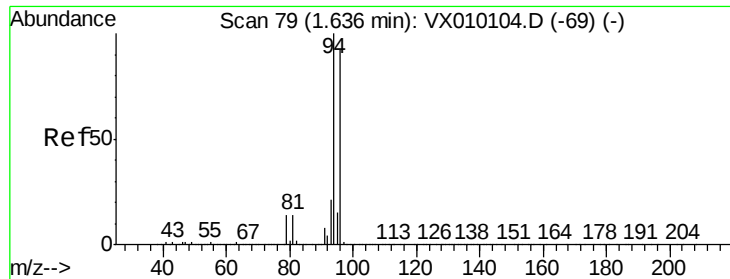
Tgt Ion: 62 Resp: 54941

Ion Ratio Lower Upper

62 100

64 30.2 25.7 38.5





#5

Bromomethane

Concen: 26.725 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX010241.D

Acq: 12 Jun 2019 11:00

Instrument :

MSVOA_X

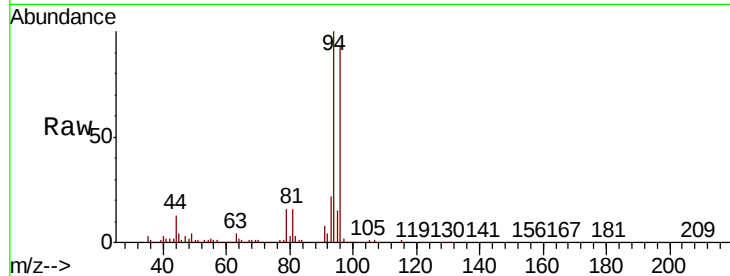
ClientSampleId :

Tot Ion: 94 Resp: 27510

Ion Ratio Lower Upper

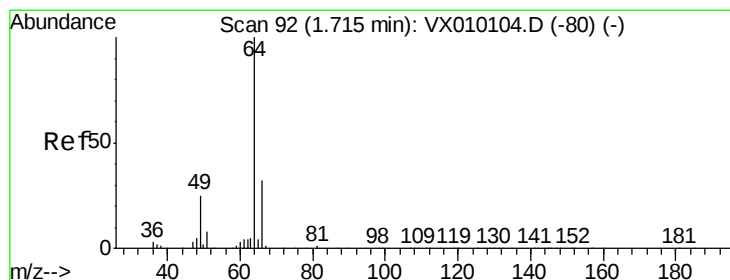
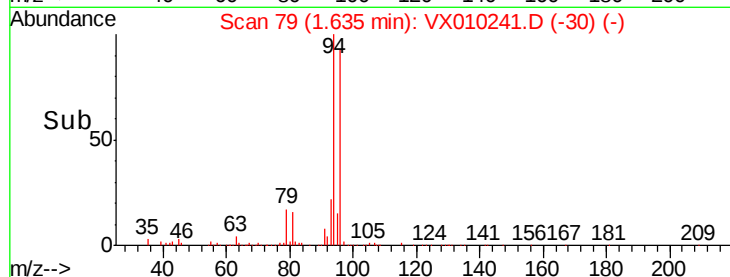
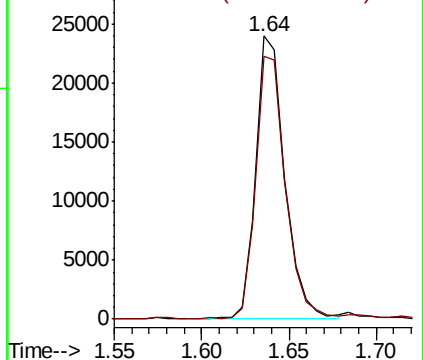
94 100

96 93.3 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: 23.980 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX010241.D

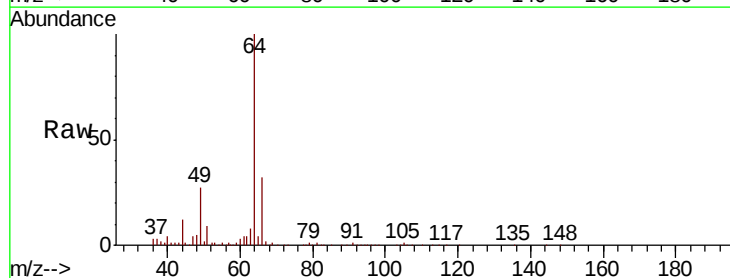
Acq: 12 Jun 2019 11:00

Tgt Ion: 64 Resp: 32980

Ion Ratio Lower Upper

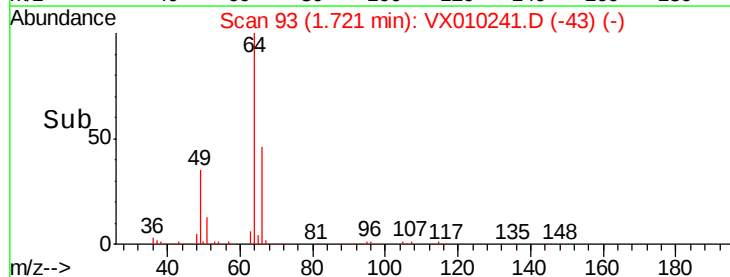
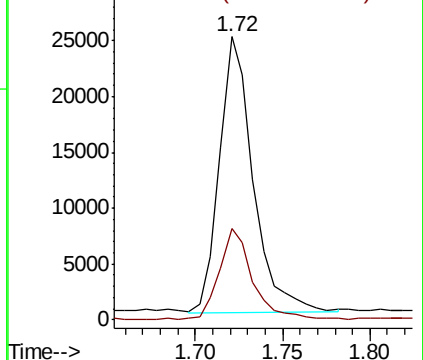
64 100

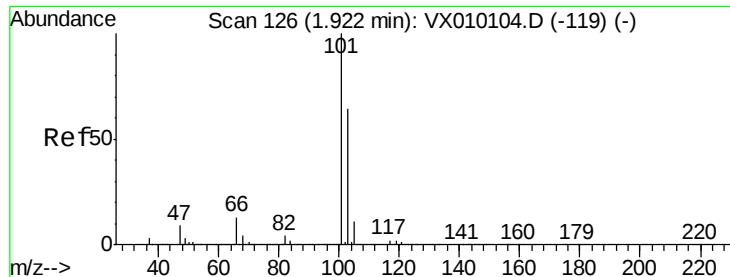
66 32.9 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



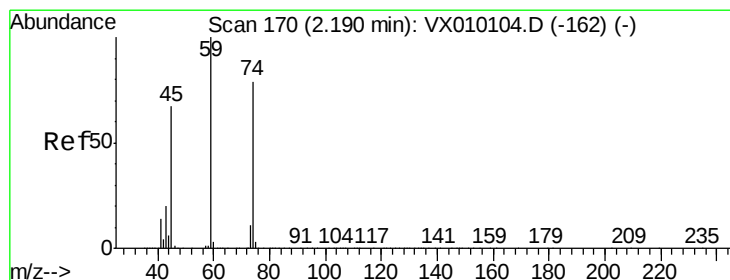
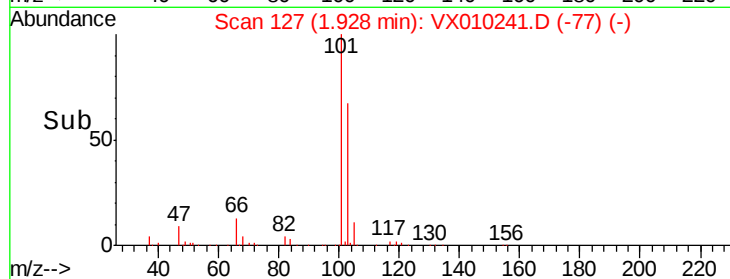
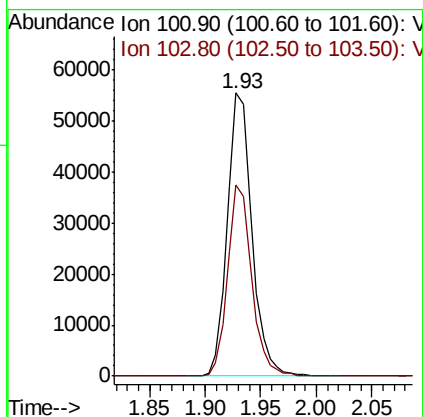
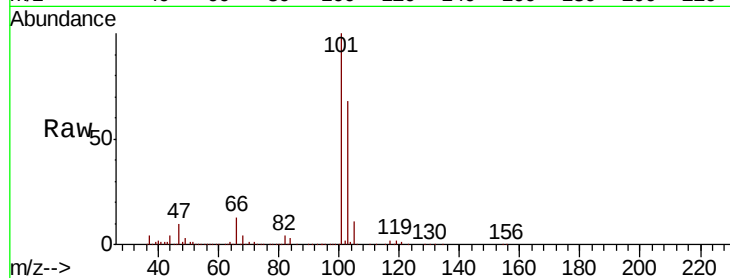


#7

Trichlorofluoromethane
 Concen: 21.005 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX010241.D
 Acq: 12 Jun 2019 11:00

Instrument :
 MSVOA_X
 ClientSampleId :

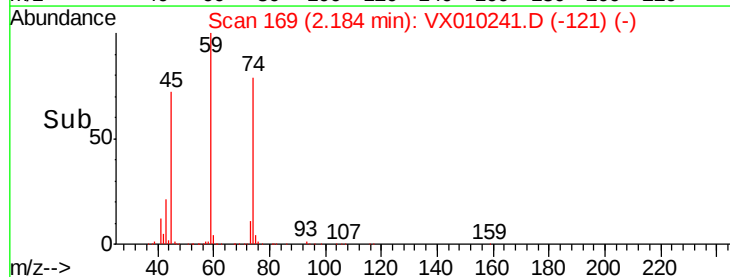
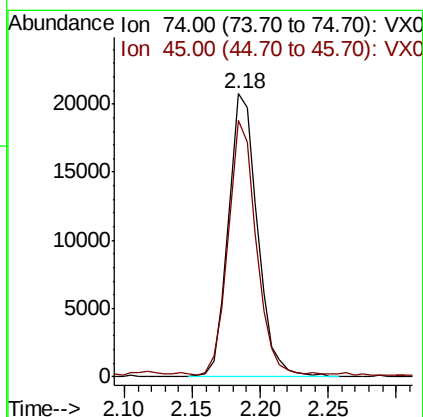
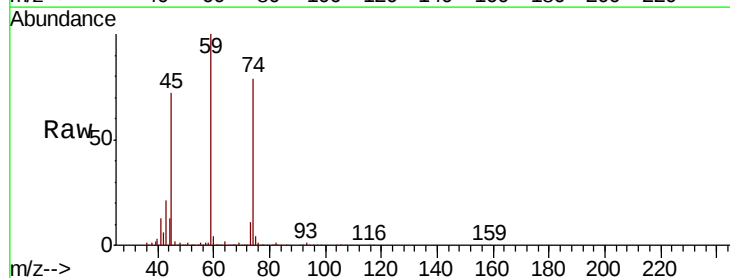
Tot Ion:101 Resp: 85111
 Ion Ratio Lower Upper
 101 100
 103 67.6 52.2 78.4

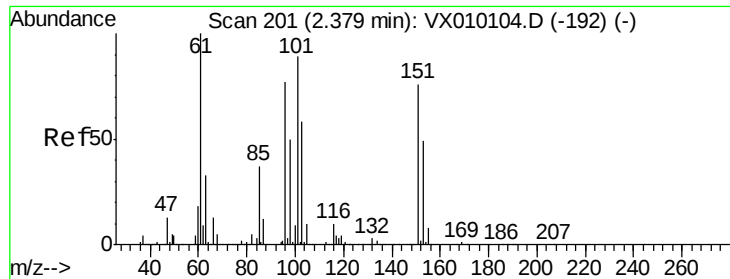


#8

Diethyl Ether
 Concen: 22.207 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. -0.01 min
 Lab File: VX010241.D
 Acq: 12 Jun 2019 11:00

Tgt Ion: 74 Resp: 31014
 Ion Ratio Lower Upper
 74 100
 45 86.0 56.1 168.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.948 ug/l

RT: 2.39 min Scan# 202

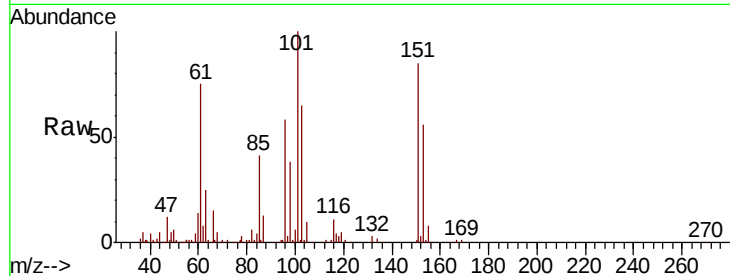
Delta R.T. 0.01 min

Lab File: VX010241.D

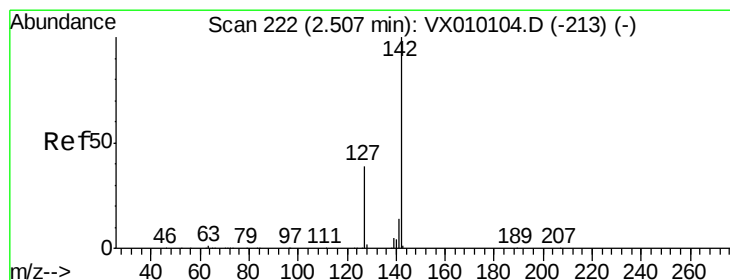
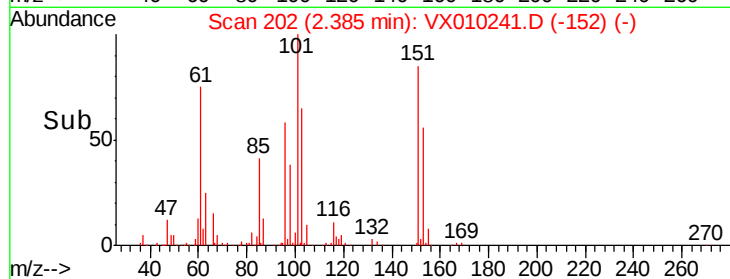
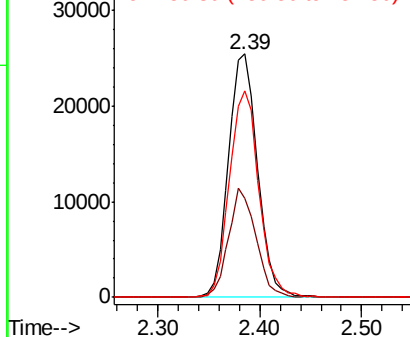
Acq: 12 Jun 2019 11:00

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	101	Resp:	50130
Ion	Ratio	Lower	Upper
101	100		
85	42.6	35.2	52.8
151	85.8	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: 17.037 ug/l

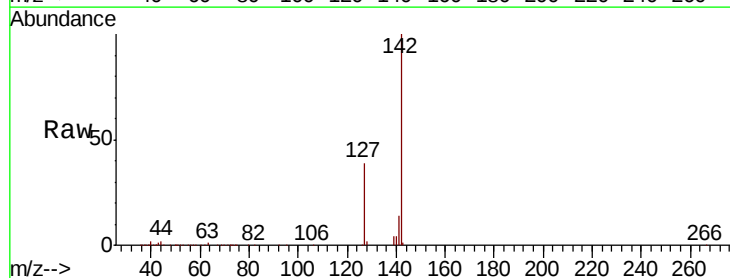
RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

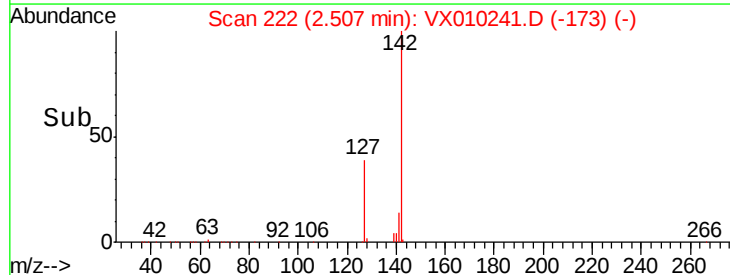
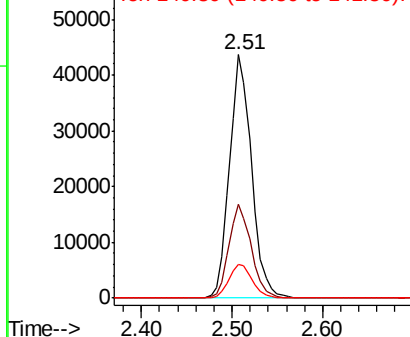
Lab File: VX010241.D

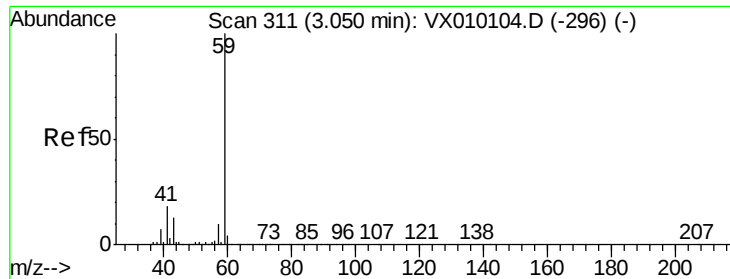
Acq: 12 Jun 2019 11:00

Tgt Ion:	142	Resp:	73729
Ion	Ratio	Lower	Upper
142	100		
127	39.0	33.0	49.4
141	14.5	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

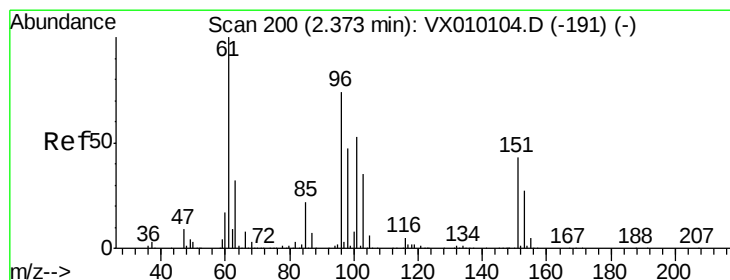
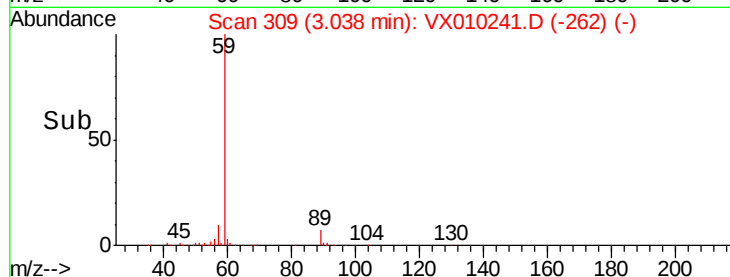
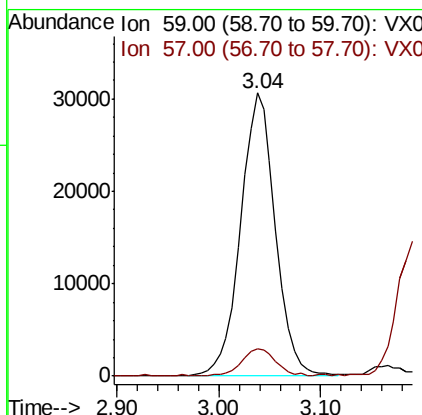
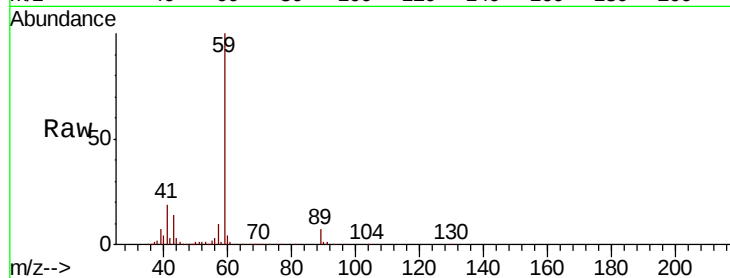




#11
Tert butyl alcohol
Concen: 95.463 ug/l
RT: 3.04 min Scan# 309
Delta R.T. -0.01 min
Lab File: VX010241.D
Acq: 12 Jun 2019 11:00

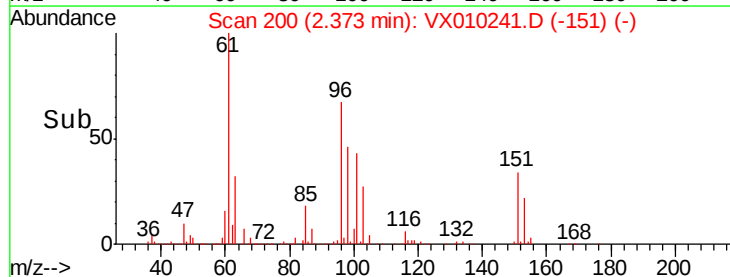
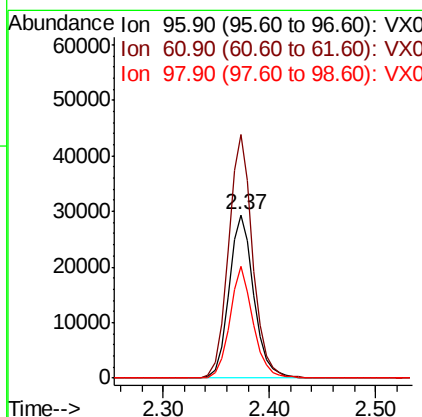
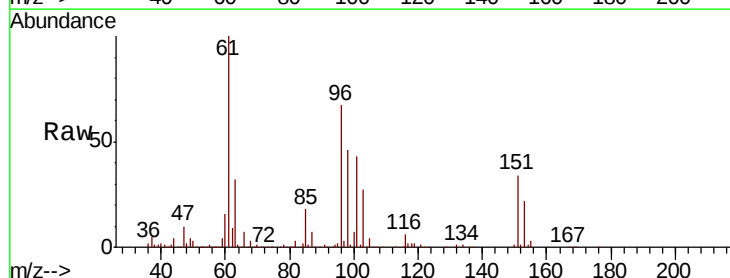
Instrument :
MSVOA_X
ClientSampleId :

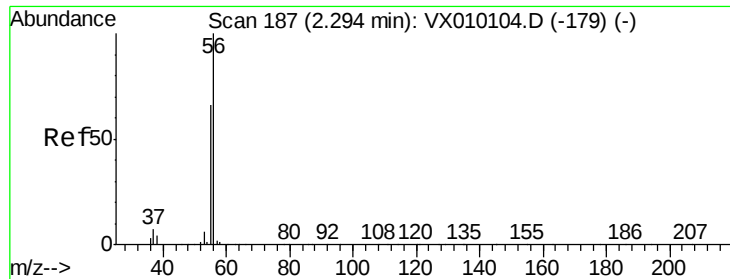
Tot Ion: 59 Resp: 72503
Ion Ratio Lower Upper
59 100
57 9.5 8.2 12.2



#12
1,1-Dichloroethene
Concen: 16.721 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX010241.D
Acq: 12 Jun 2019 11:00

Tgt Ion: 96 Resp: 47702
Ion Ratio Lower Upper
96 100
61 149.4 140.7 211.1
98 68.5 50.1 75.1

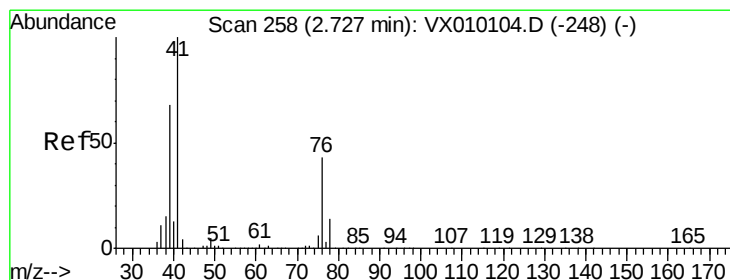
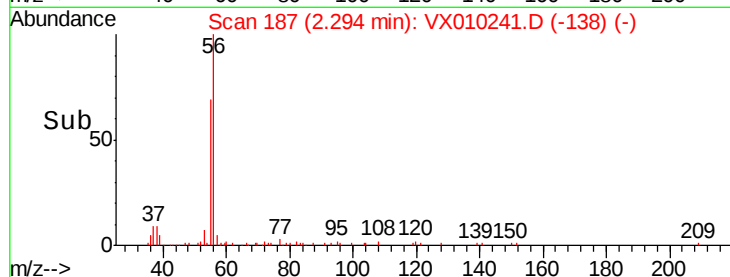
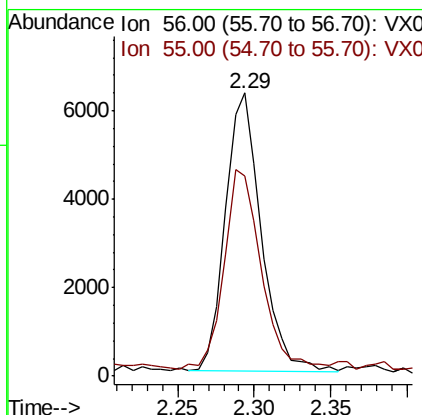
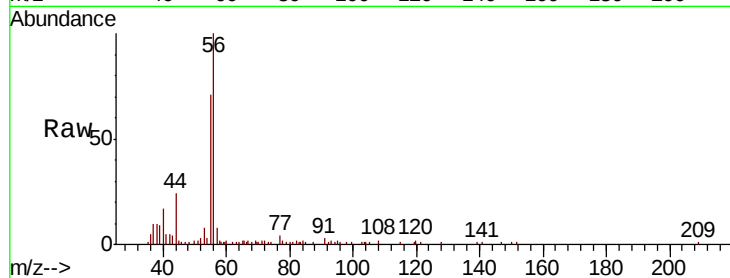




#13
Acrolein
Concen: 73.676 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX010241.D
Acq: 12 Jun 2019 11:00

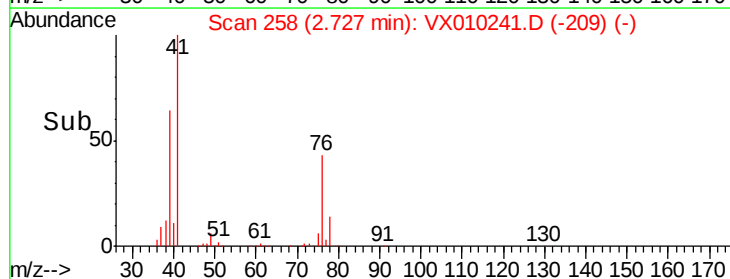
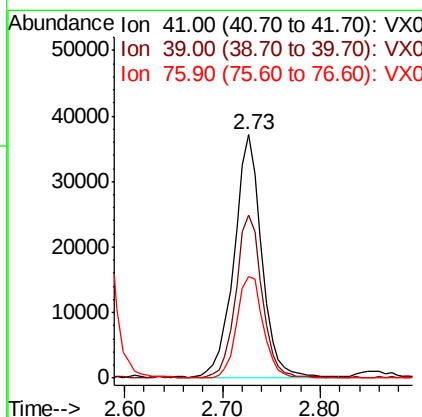
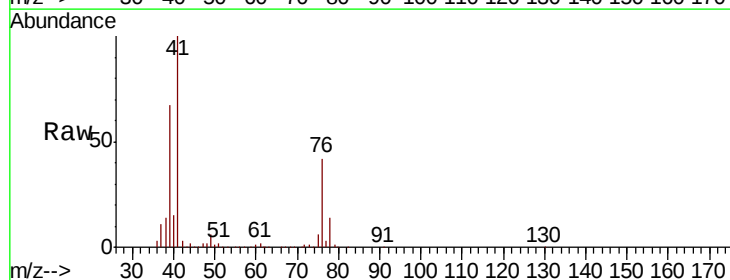
Instrument :
MSVOA_X
ClientSampleId :

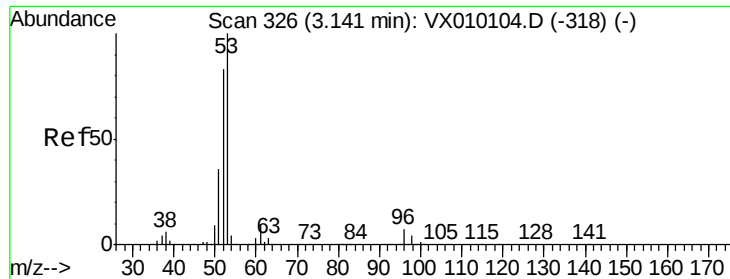
Tot Ion: 56 Resp: 10203
Ion Ratio Lower Upper
56 100
55 74.6 57.0 85.4



#14
Allyl chloride
Concen: 16.717 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX010241.D
Acq: 12 Jun 2019 11:00

Tgt Ion: 41 Resp: 71988
Ion Ratio Lower Upper
41 100
39 63.8 46.7 70.1
76 40.9 21.0 31.4#





#15

Acrylonitrile

Concen: 89.031 ug/l

RT: 3.14 min Scan# 325

Delta R.T. -0.01 min

Lab File: VX010241.D

Acq: 12 Jun 2019 11:00

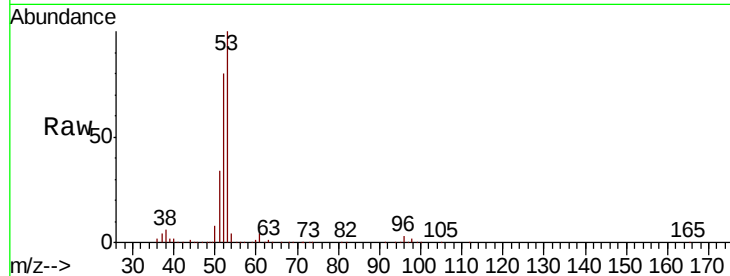
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 53 Resp: 138210

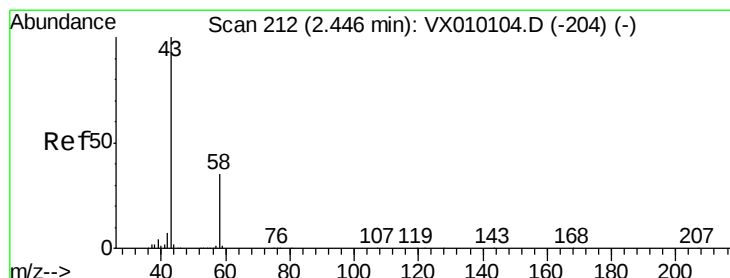
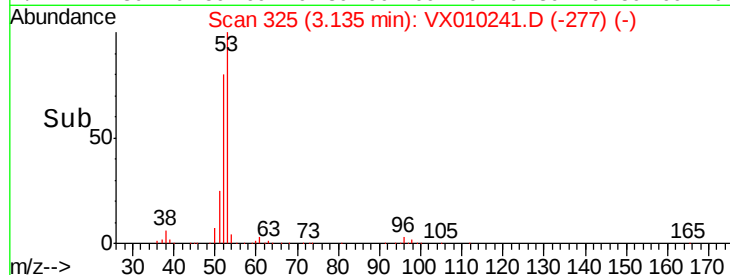
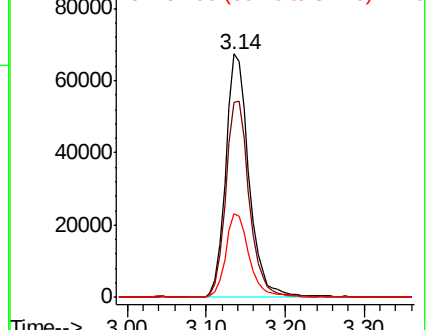
Ion	Ratio	Lower	Upper
53	100		
52	81.3	66.7	100.1
51	34.5	28.8	43.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 91.430 ug/l

RT: 2.44 min Scan# 211

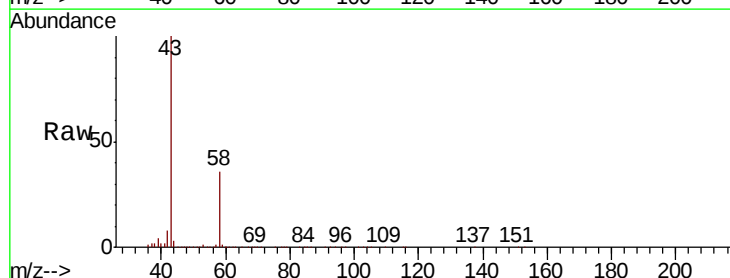
Delta R.T. -0.01 min

Lab File: VX010241.D

Acq: 12 Jun 2019 11:00

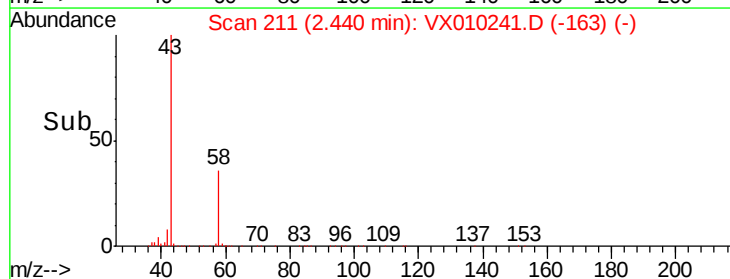
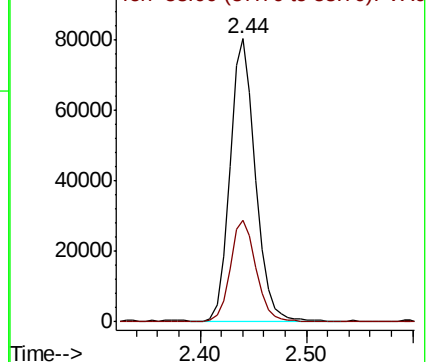
Tgt Ion: 43 Resp: 133323

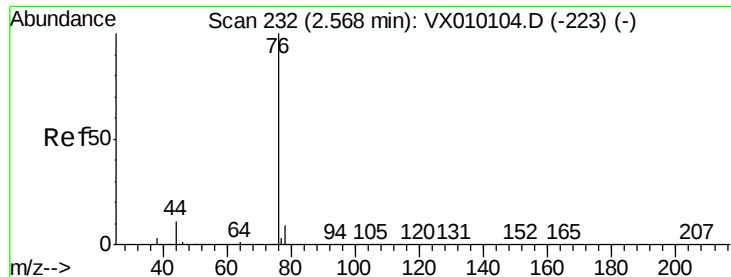
Ion	Ratio	Lower	Upper
43	100		
58	36.0	23.2	34.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

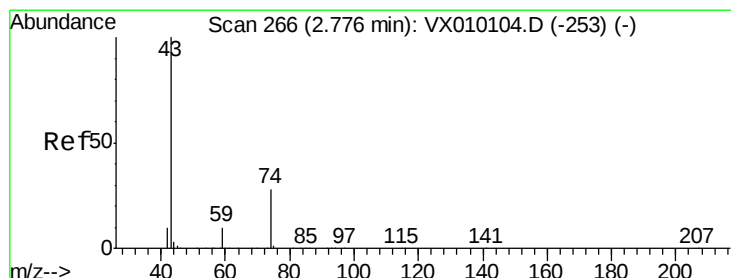
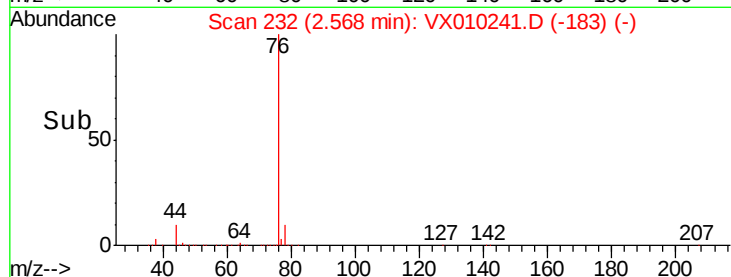
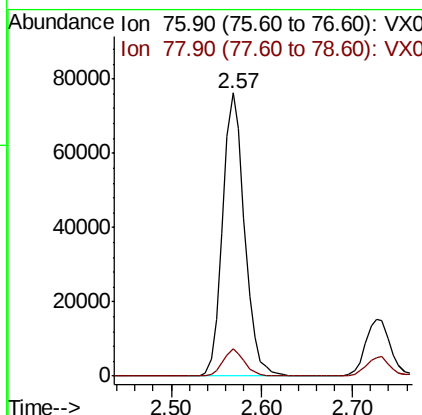
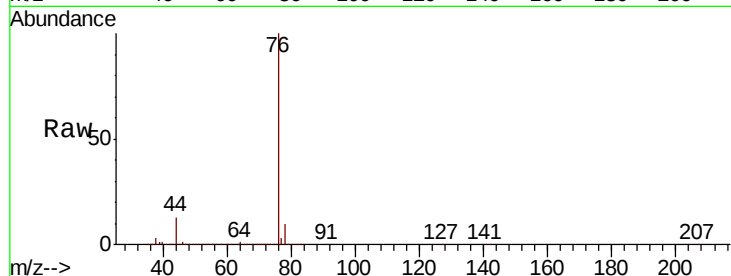




#17
Carbon Disulfide
Concen: 15.586 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX010241.D
Acq: 12 Jun 2019 11:00

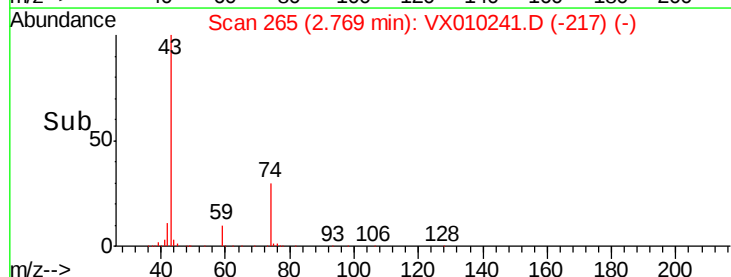
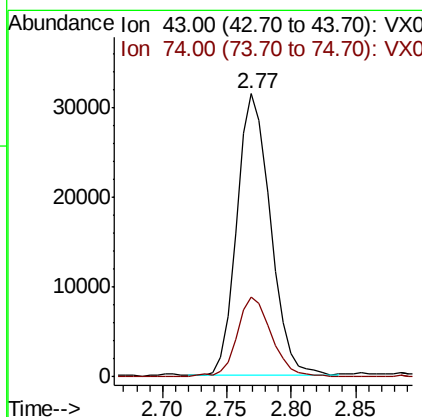
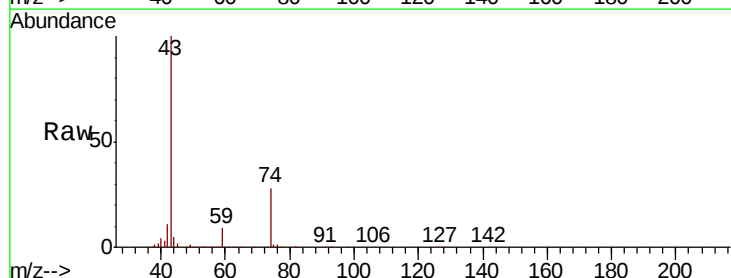
Instrument :
MSVOA_X
ClientSampleId :

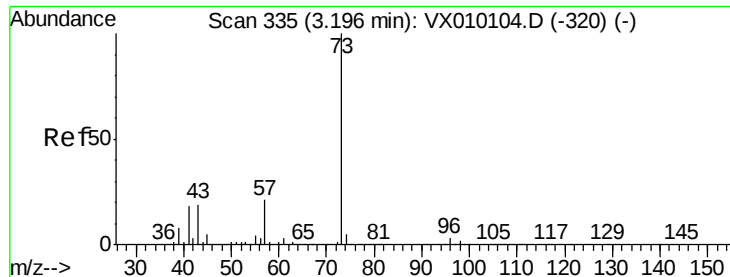
Tot Ion: 76 Resp: 128483
Ion Ratio Lower Upper
76 100
78 9.6 7.0 10.6



#18
Methyl Acetate
Concen: 17.718 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX010241.D
Acq: 12 Jun 2019 11:00

Tgt Ion: 43 Resp: 56820
Ion Ratio Lower Upper
43 100
74 29.1 15.8 23.6#

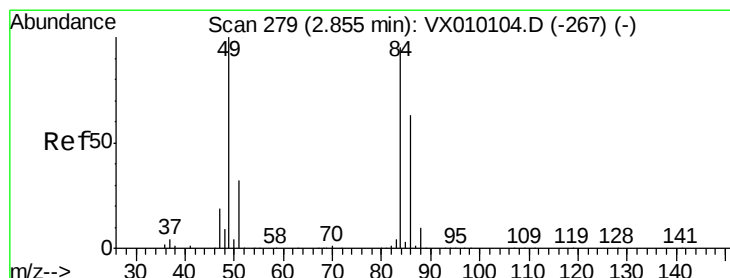
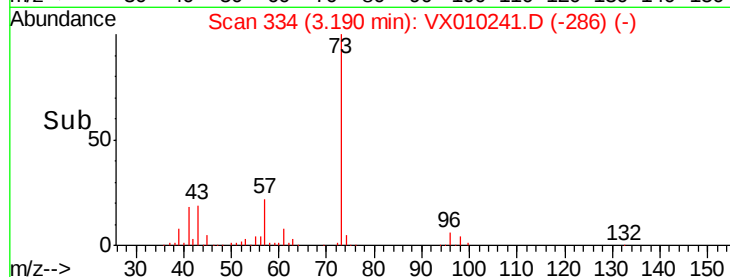
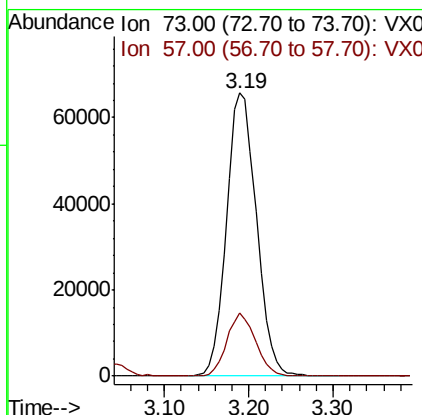
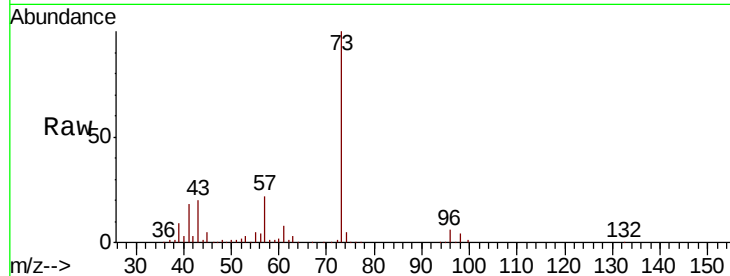




#19
Methyl tert-butyl Ether
Concen: 17.348 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX010241.D
Acq: 12 Jun 2019 11:00

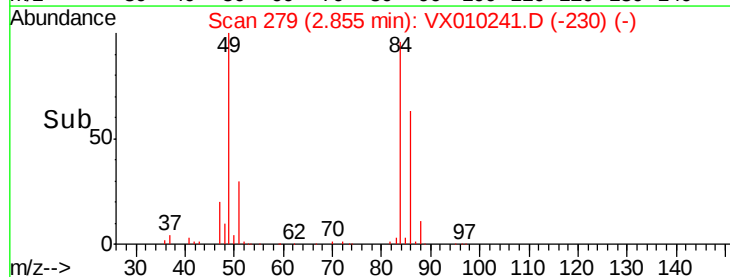
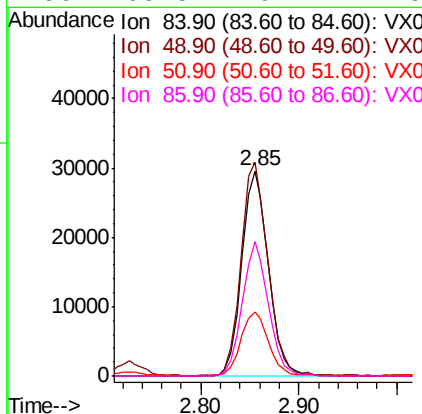
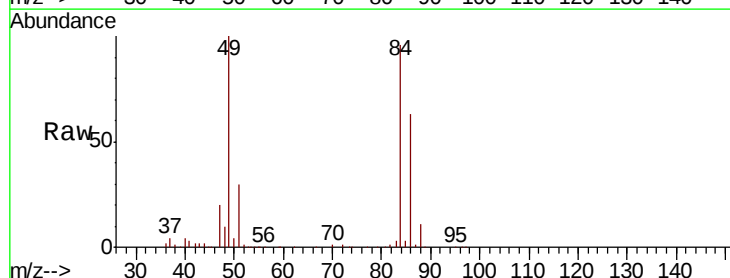
Instrument :
MSVOA_X
ClientSampleId :

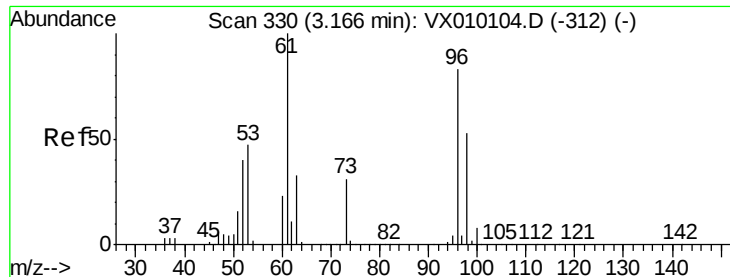
Tot Ion: 73 Resp: 159004
Ion Ratio Lower Upper
73 100
57 21.9 19.4 29.2



#20
Methylene Chloride
Concen: 17.466 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX010241.D
Acq: 12 Jun 2019 11:00

Tgt Ion: 84 Resp: 55934
Ion Ratio Lower Upper
84 100
49 103.9 115.8 173.6#
51 31.0 34.4 51.6#
86 65.5 49.7 74.5





#21

trans-1,2-Dichloroethene

Concen: 16.892 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX010241.D

Acq: 12 Jun 2019 11:00

Instrument :

MSVOA_X

ClientSampleId :

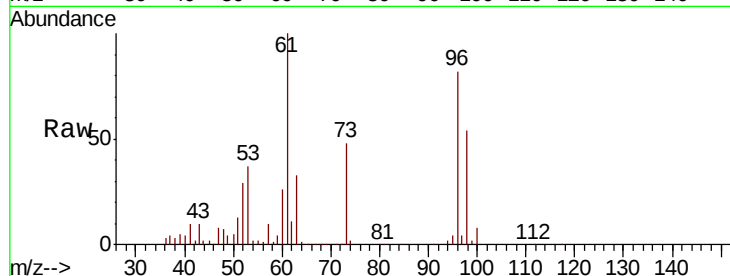
Tot Ion: 96 Resp: 53330

Ion Ratio Lower Upper

96 100

61 121.3 125.7 188.5#

98 66.0 49.0 73.6

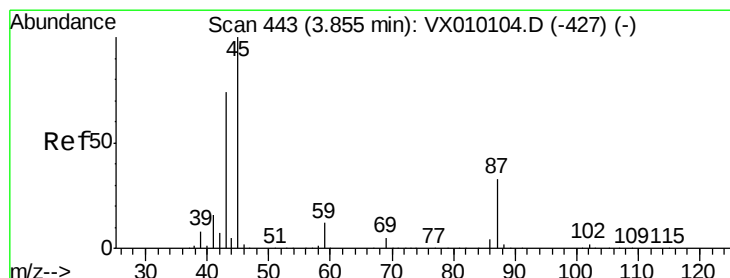
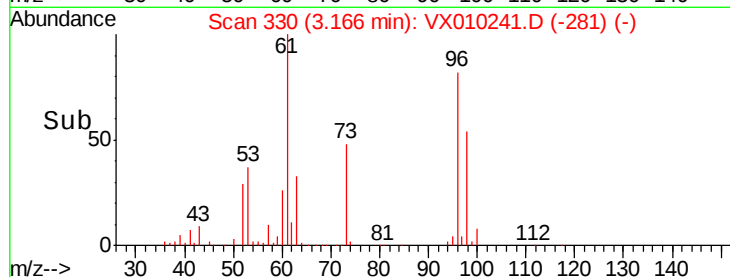
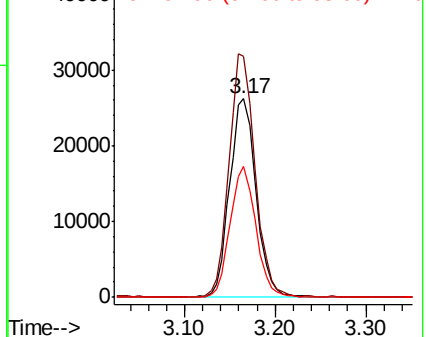


Abundance

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: 17.895 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX010241.D

Acq: 12 Jun 2019 11:00

Tgt Ion: 45 Resp: 147335

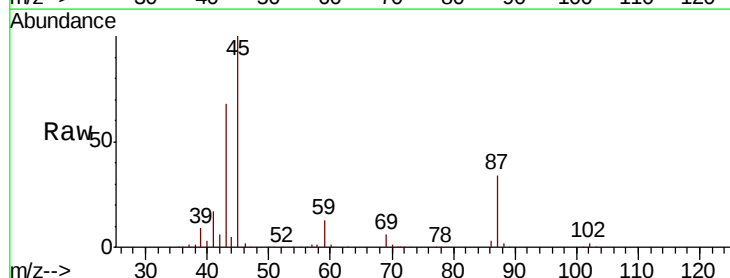
Ion Ratio Lower Upper

45 100

43 68.0 65.0 97.4

87 34.1 17.3 25.9#

59 12.7 8.1 12.1#



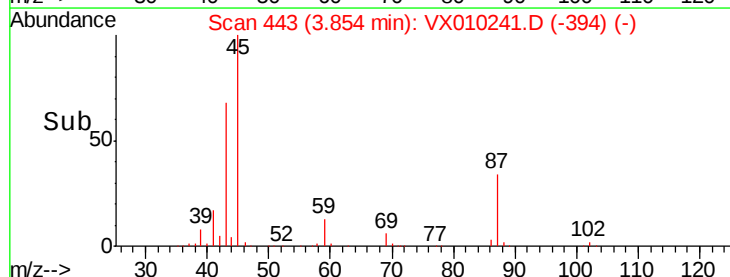
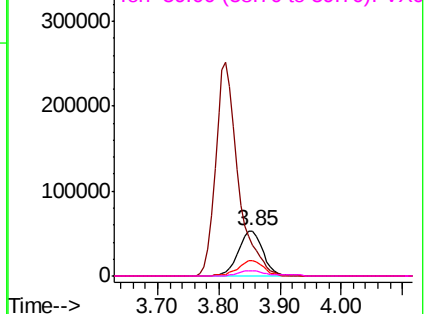
Abundance

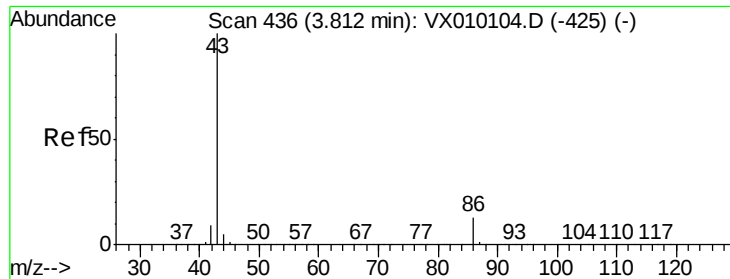
Ion 45.00 (44.70 to 45.70): VX0

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

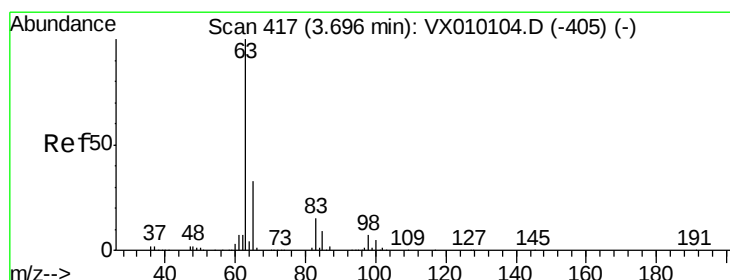
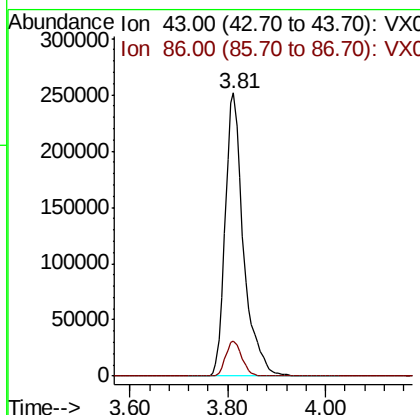
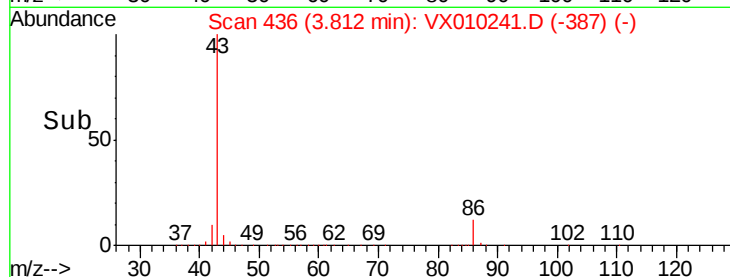
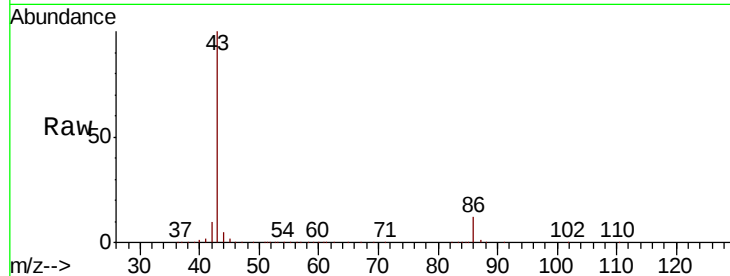




#23
 Vinyl Acetate
 Concen: 88.794 ug/l
 RT: 3.81 min Scan# 436
 Delta R.T. -0.00 min
 Lab File: VX010241.D
 Acq: 12 Jun 2019 11:00

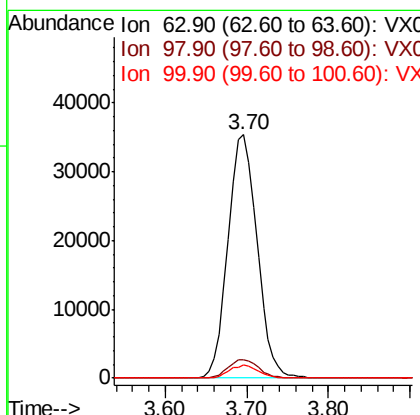
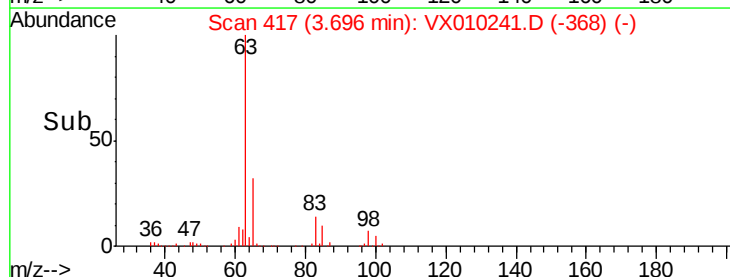
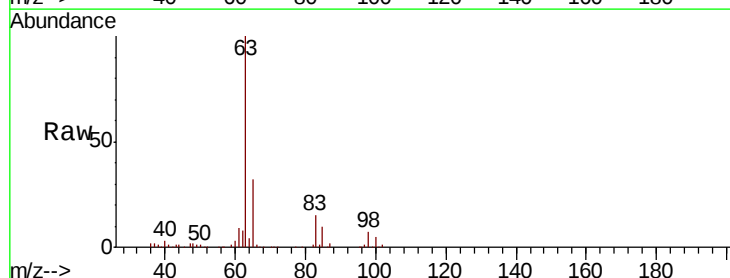
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 43 Resp: 652207
 Ion Ratio Lower Upper
 43 100
 86 12.4 6.5 9.7#



#24
 1,1-Dichloroethane
 Concen: 17.461 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: VX010241.D
 Acq: 12 Jun 2019 11:00

Tgt Ion: 63 Resp: 87290
 Ion Ratio Lower Upper
 63 100
 98 7.4 2.9 8.8
 100 5.3 1.8 5.4





#25

2-Butanone

Concen: 90.396 ug/l

RT: 4.67 min Scan# 576

Delta R.T. -0.01 min

Lab File: VX010241.D

Acq: 12 Jun 2019 11:00

Instrument :

MSVOA_X

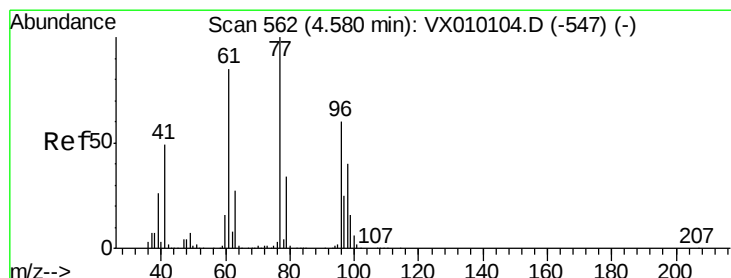
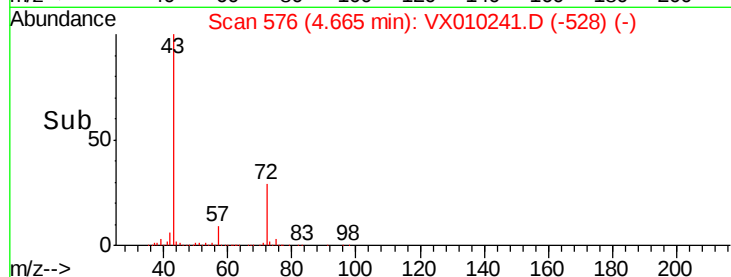
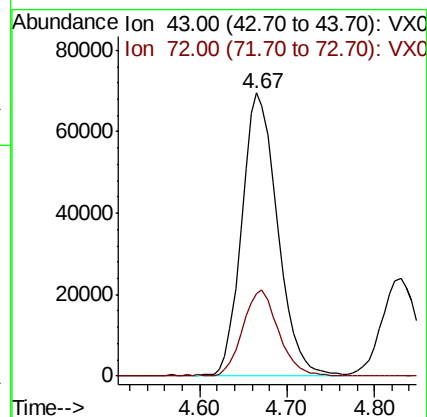
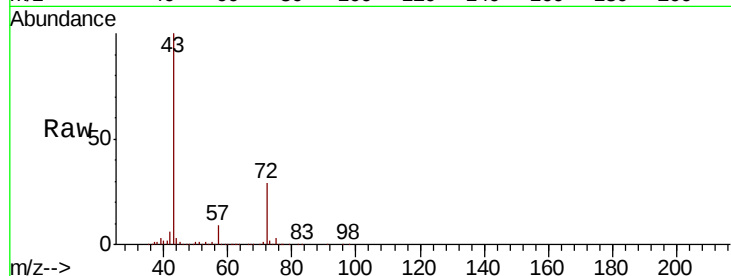
ClientSampled :

Tot Ion: 43 Resp: 196286

Ion Ratio Lower Upper

43 100

72 28.7 17.5 26.3#



#26

2,2-Dichloropropane

Concen: 17.023 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX010241.D

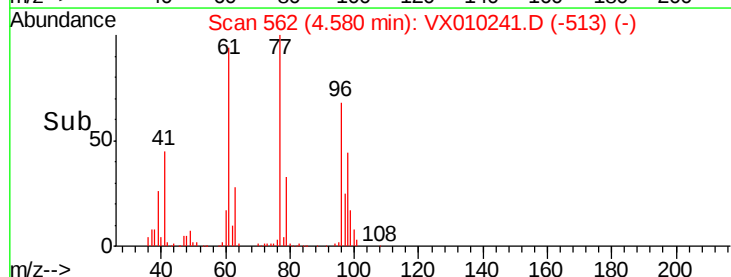
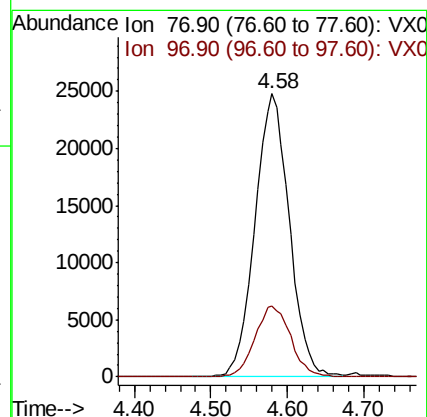
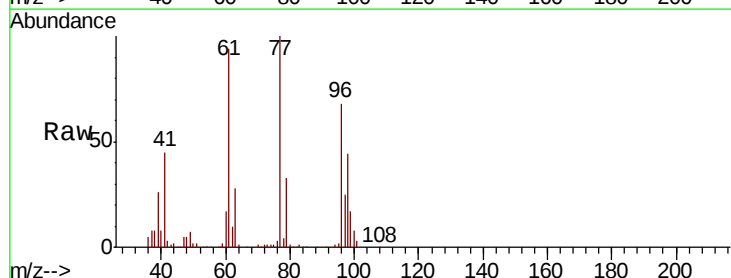
Acq: 12 Jun 2019 11:00

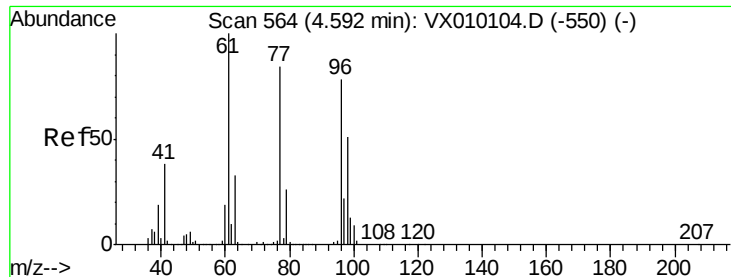
Tgt Ion: 77 Resp: 77632

Ion Ratio Lower Upper

77 100

97 26.0 11.4 34.2



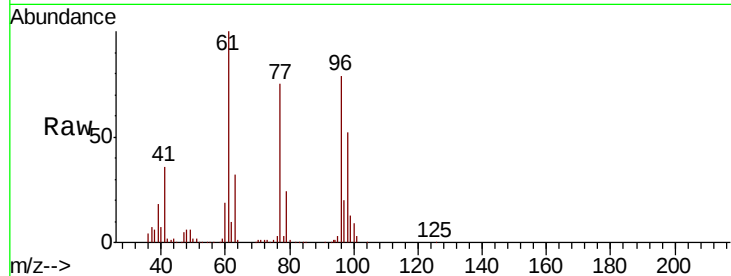


#27

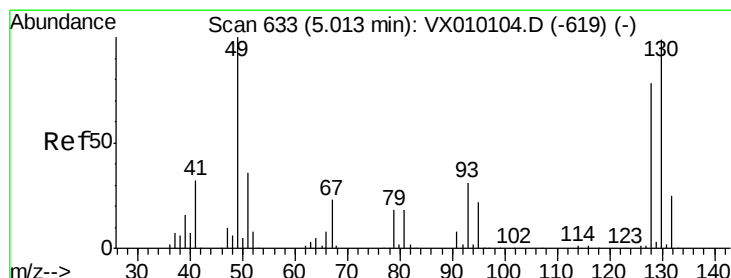
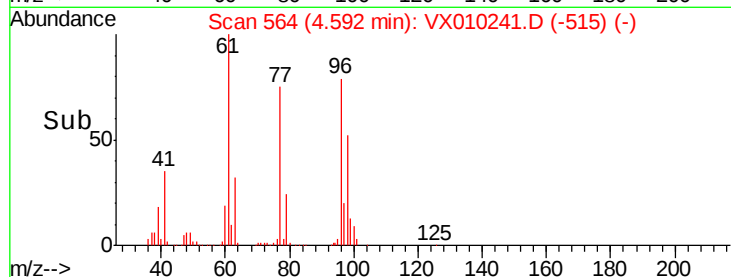
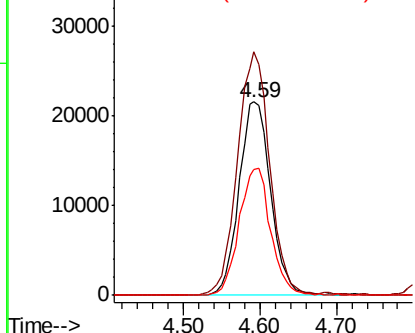
cis-1,2-Dichloroethene
Concen: 17.638 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.00 min
Lab File: VX010241.D
Acq: 12 Jun 2019 11:00

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	128.5	0.0	334.0
98	65.5	0.0	131.6



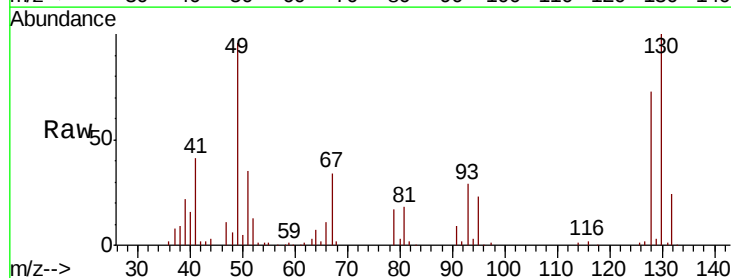
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



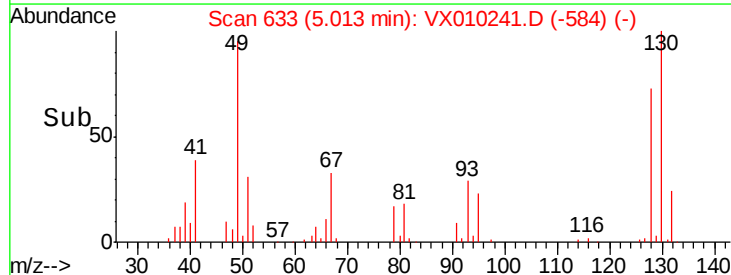
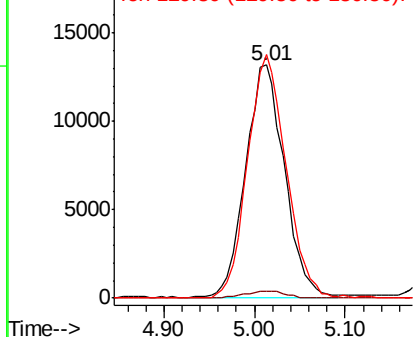
#28

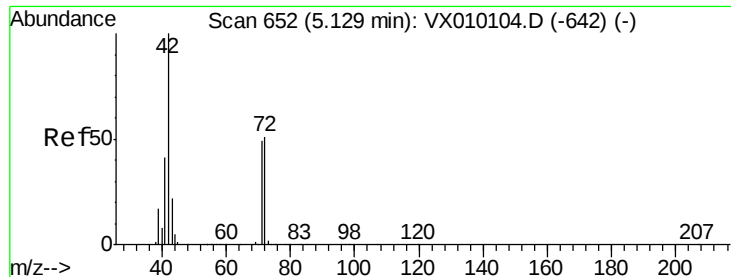
Bromochloromethane
Concen: 17.552 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.00 min
Lab File: VX010241.D
Acq: 12 Jun 2019 11:00

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.0	0.0	3.4
130	102.9	49.4	74.2#



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





#29

Tetrahydrofuran

Concen: 85.985 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX010241.D

Acq: 12 Jun 2019 11:00

Instrument :

MSVOA_X

ClientSampled :

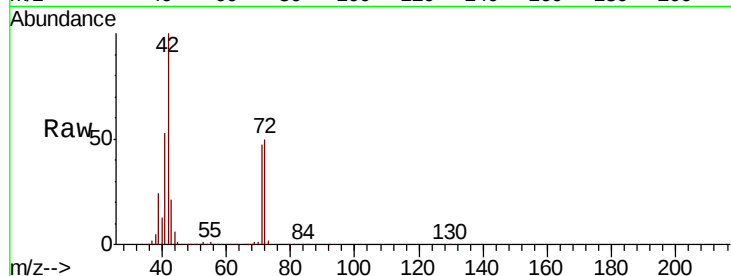
Tot Ion: 42 Resp: 117337

Ion Ratio Lower Upper

42 100

72 52.6 29.2 43.8#

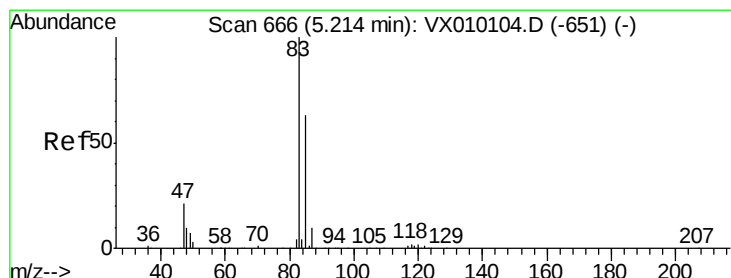
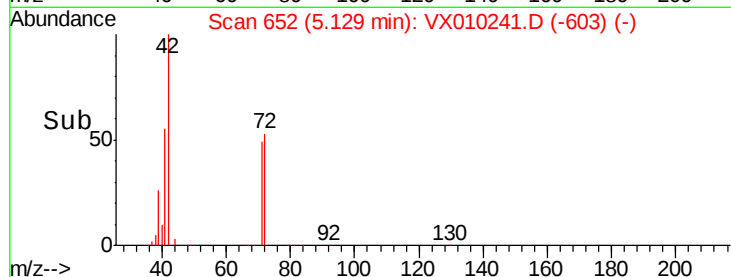
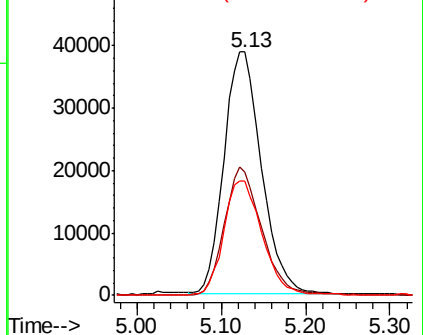
71 48.5 27.6 41.4#



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 17.559 ug/l

RT: 5.20 min Scan# 664

Delta R.T. -0.01 min

Lab File: VX010241.D

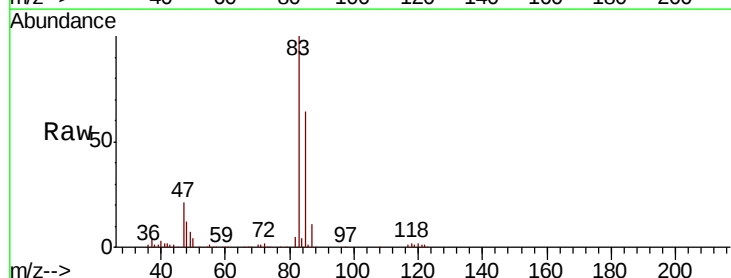
Acq: 12 Jun 2019 11:00

Tgt Ion: 83 Resp: 91162

Ion Ratio Lower Upper

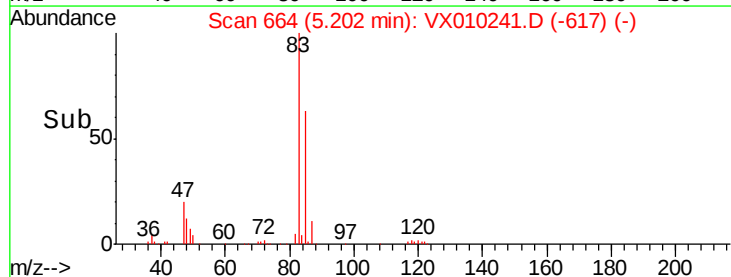
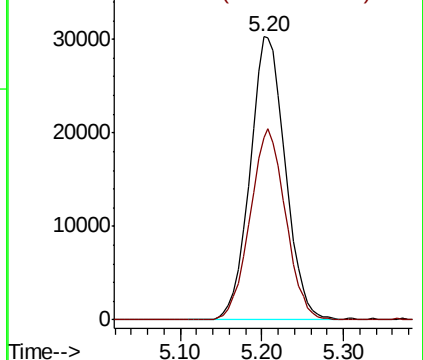
83 100

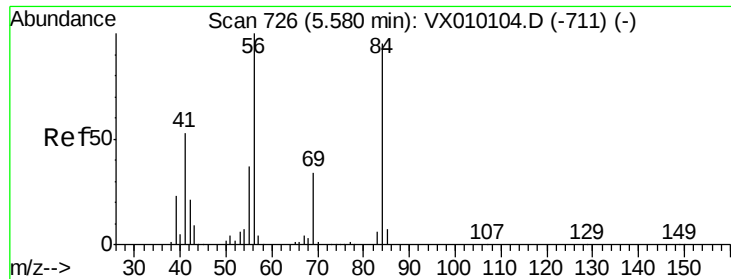
85 64.2 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

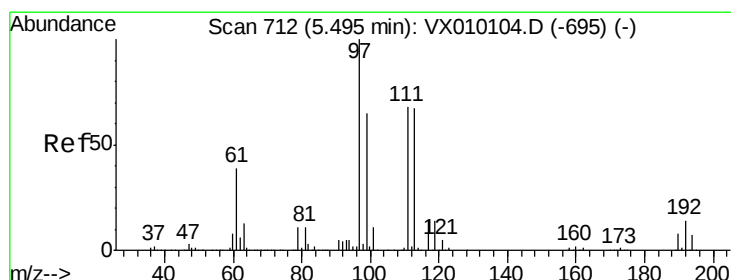
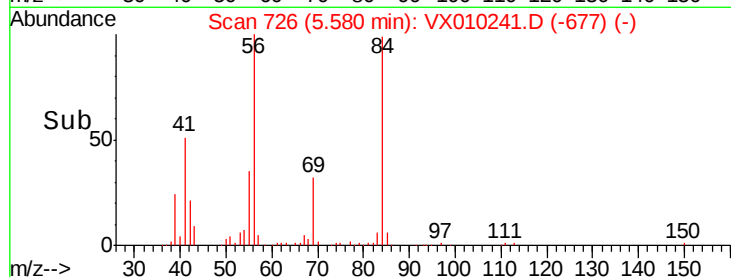
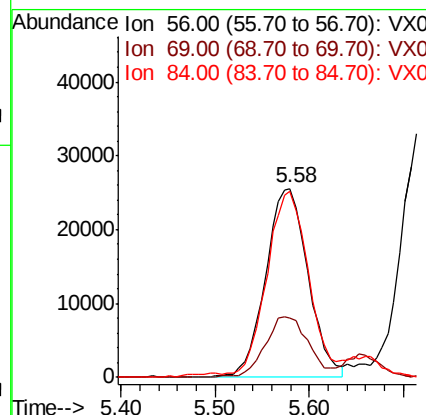
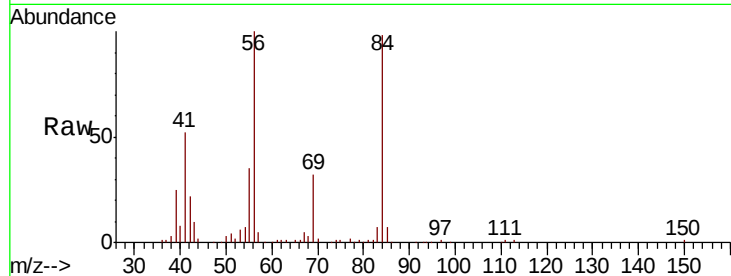




#31
Cyclohexane
Concen: 17.696 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX010241.D
Acq: 12 Jun 2019 11:00

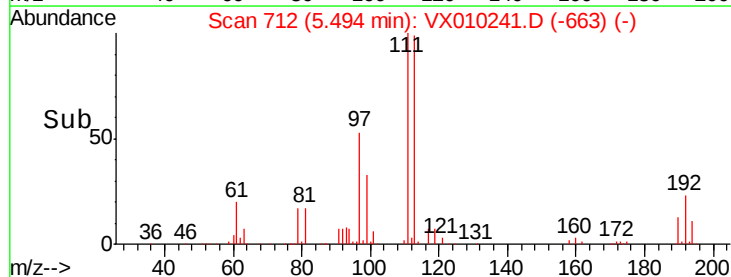
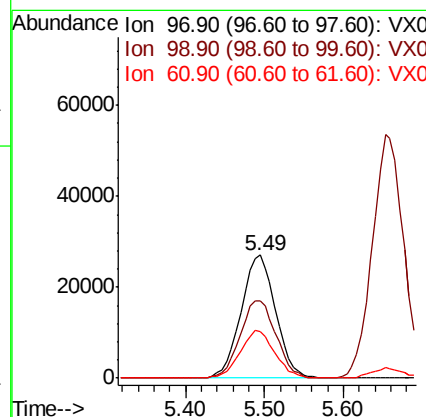
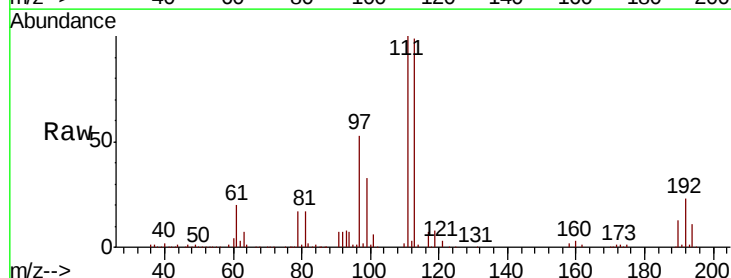
Instrument :
MSVOA_X
ClientSampled :

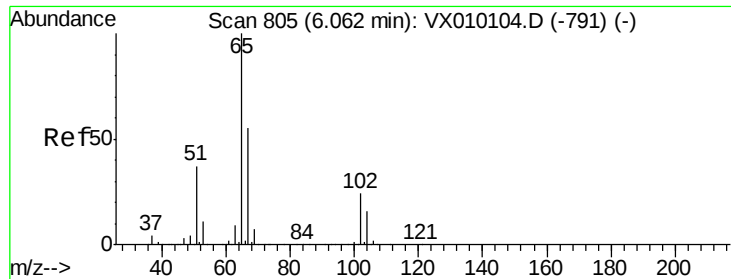
Tot Ion: 56 Resp: 79840
Ion Ratio Lower Upper
56 100
69 31.1 21.6 32.4
84 97.3 56.8 85.2#



#32
1,1,1-Trichloroethane
Concen: 16.851 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX010241.D
Acq: 12 Jun 2019 11:00

Tgt Ion: 97 Resp: 82246
Ion Ratio Lower Upper
97 100
99 65.5 51.0 76.4
61 39.0 38.7 58.1

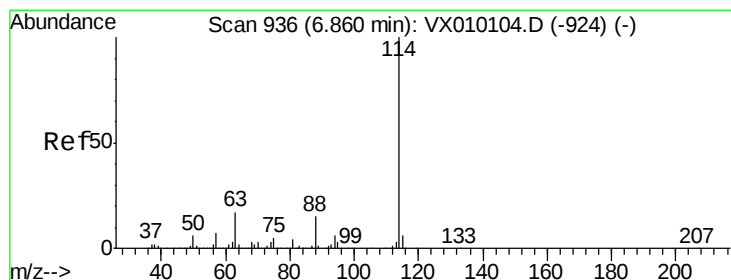
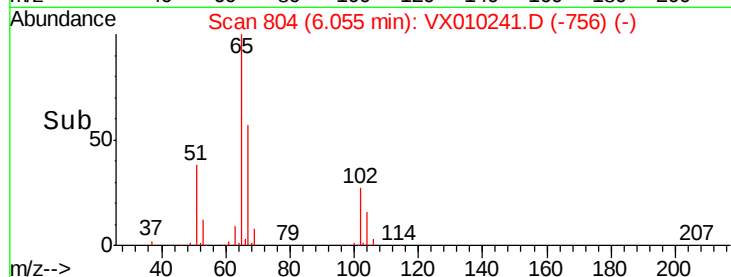
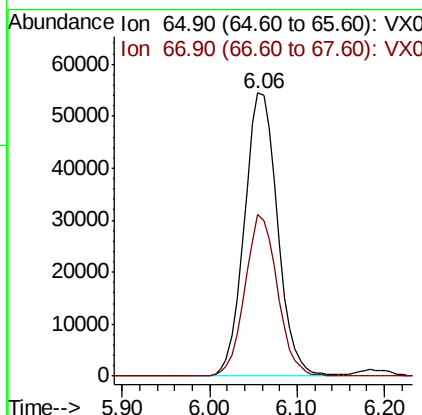
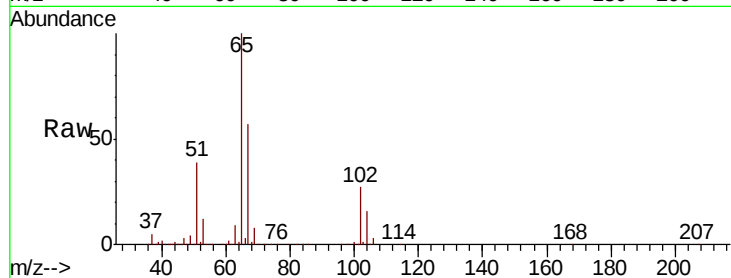




#33
 1,2-Dichloroethane-d4
 Concen: 46.396 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX010241.D
 Acq: 12 Jun 2019 11:00

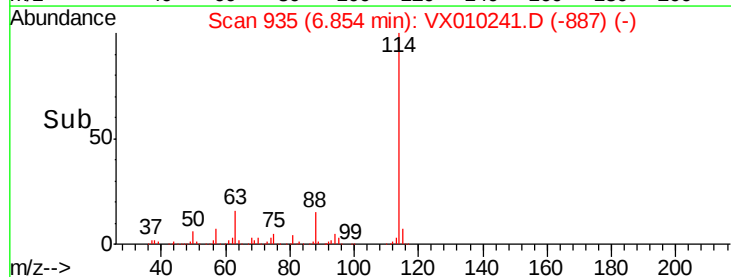
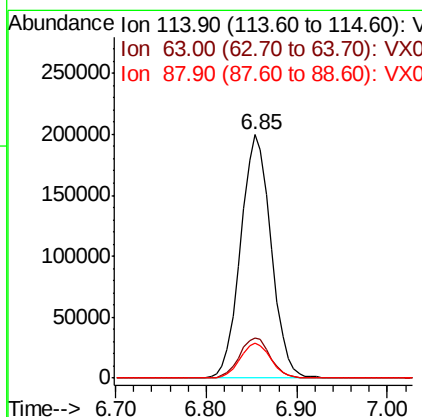
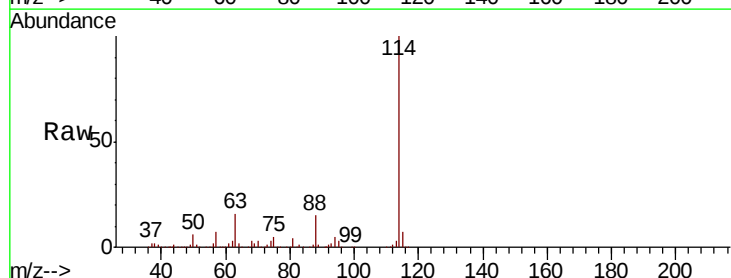
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 65 Resp: 143843
 Ion Ratio Lower Upper
 65 100
 67 55.9 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX010241.D
 Acq: 12 Jun 2019 11:00

Tgt Ion: 114 Resp: 464797
 Ion Ratio Lower Upper
 114 100
 63 16.2 0.0 47.4
 88 14.5 0.0 33.0





#35

Dibromofluoromethane

Concen: 50.909 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX010241.D

Acq: 12 Jun 2019 11:00

Instrument :

MSVOA_X

ClientSampleId :

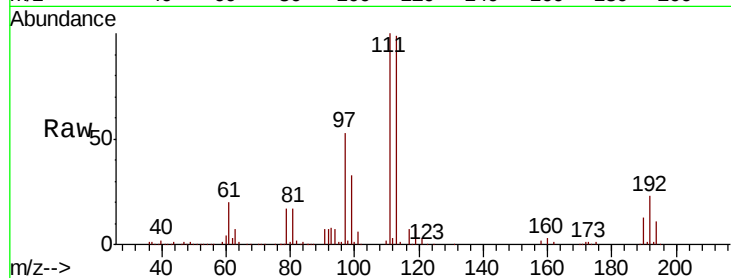
Tot Ion:113 Resp: 145954

Ion Ratio Lower Upper

113 100

111 102.2 82.2 123.2

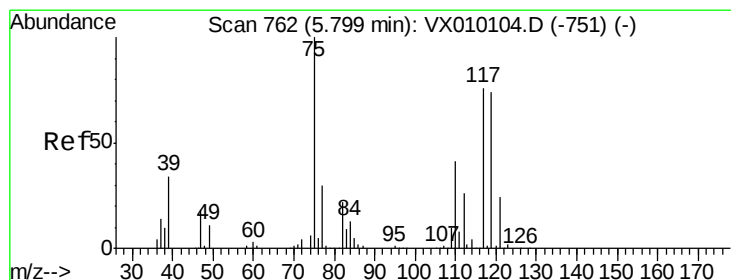
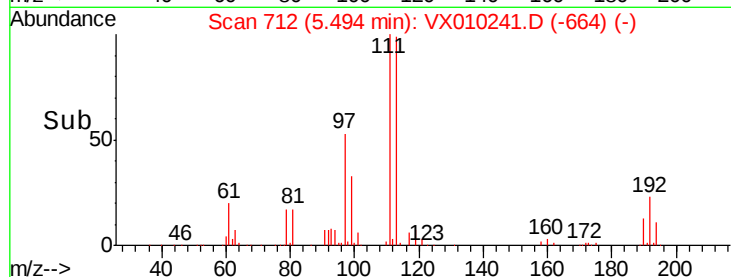
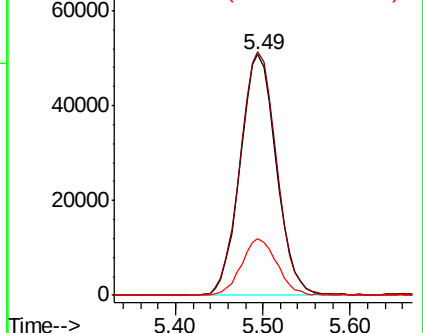
192 23.2 17.1 25.7



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: 17.809 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX010241.D

Acq: 12 Jun 2019 11:00

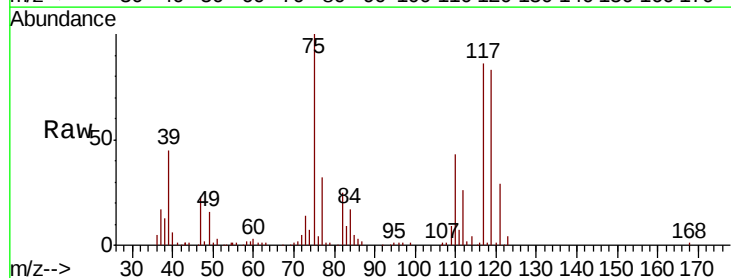
Tgt Ion: 75 Resp: 67533

Ion Ratio Lower Upper

75 100

110 41.1 16.7 50.1

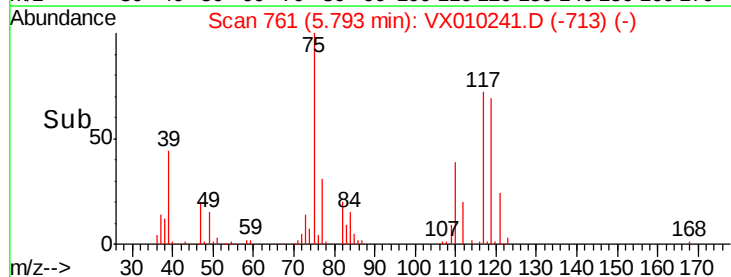
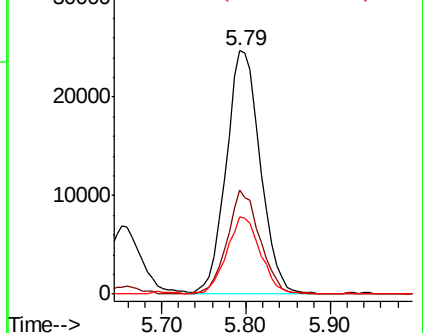
77 31.9 25.0 37.4

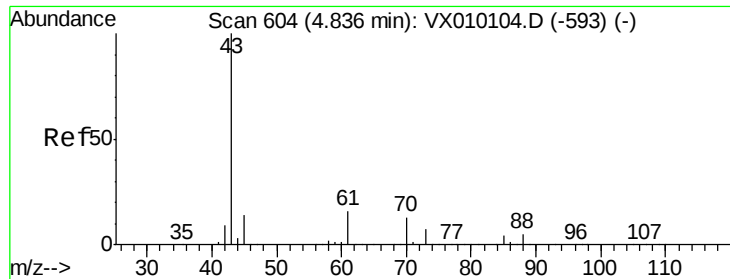


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

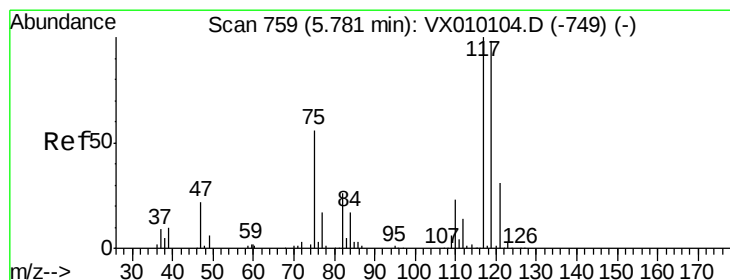
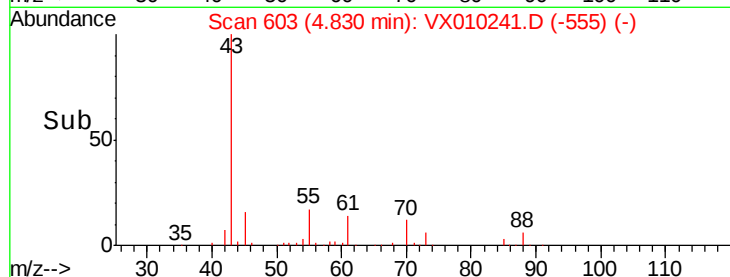
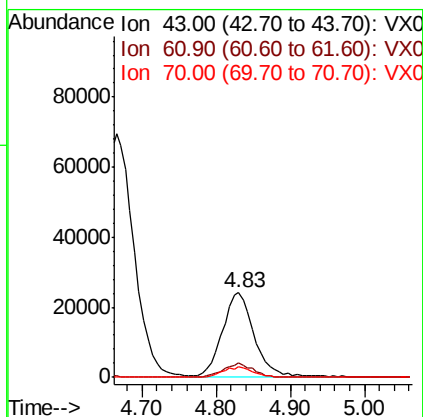
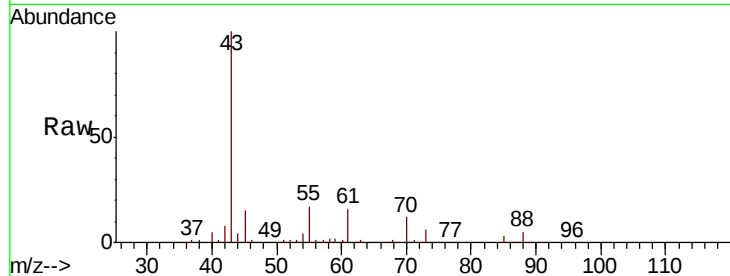




#37
Ethyl Acetate
Concen: 17.892 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX010241.D
Acq: 12 Jun 2019 11:00

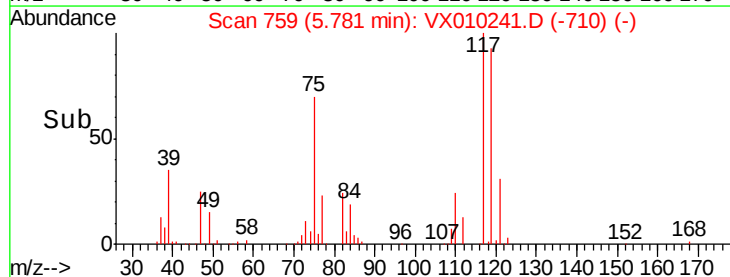
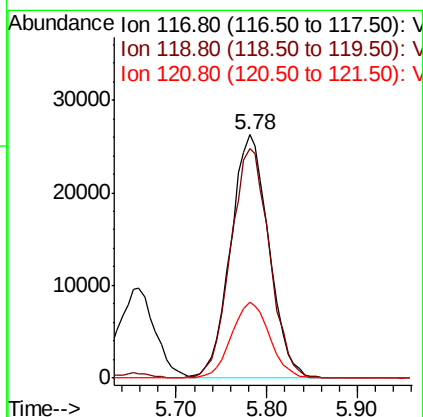
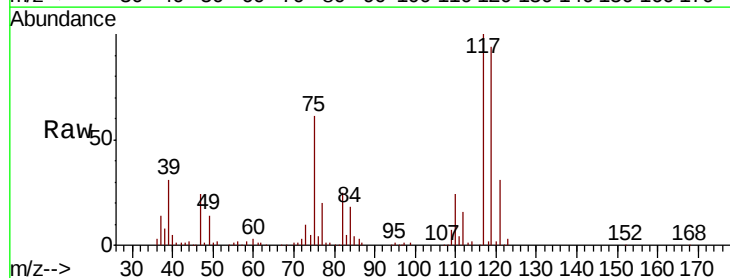
Instrument :
MSVOA_X
ClientSampled :

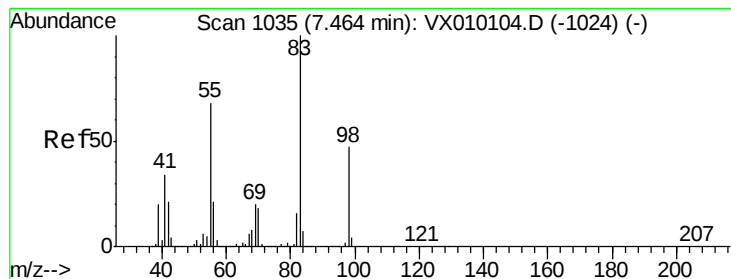
Tot Ion: 43 Resp: 70593
Ion Ratio Lower Upper
43 100
61 15.5 10.2 15.2#
70 12.5 7.4 11.2#



#38
Carbon Tetrachloride
Concen: 17.919 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX010241.D
Acq: 12 Jun 2019 11:00

Tgt Ion: 117 Resp: 76911
Ion Ratio Lower Upper
117 100
119 94.0 77.3 115.9
121 31.2 25.4 38.0





#39

Methvlcvclohexane

Concen: 17.957 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. -0.01 min

Lab File: VX010241.D

Acq: 12 Jun 2019 11:00

Instrument :

MSVOA_X

ClientSampleId :

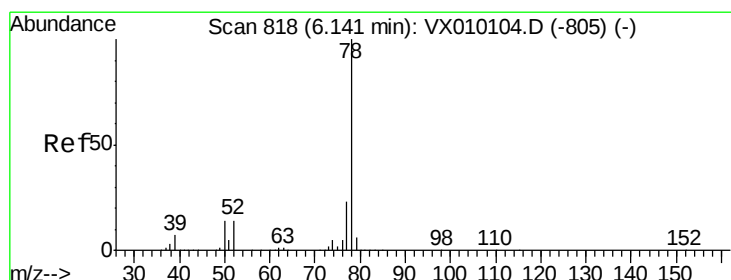
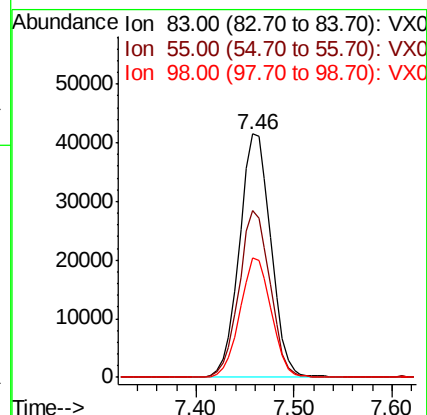
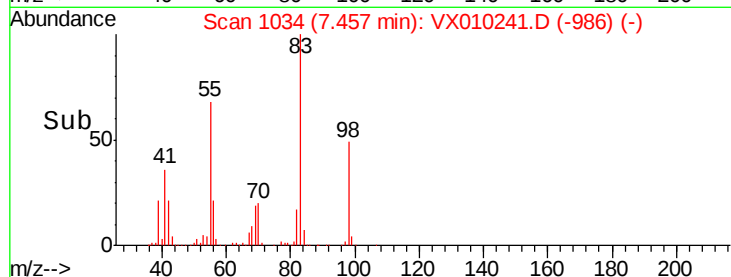
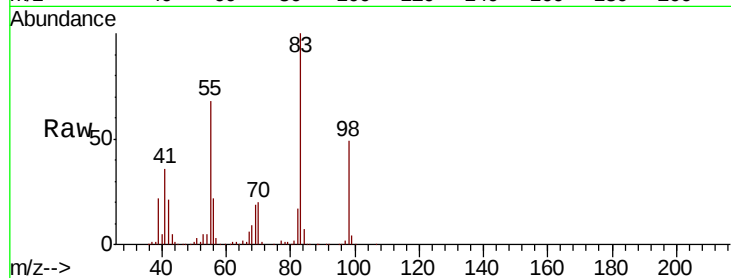
Tot Ion: 83 Resp: 92720

Ion Ratio Lower Upper

83 100

55 68.2 69.9 104.9#

98 49.1 35.1 52.7



#40

Benzene

Concen: 18.363 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX010241.D

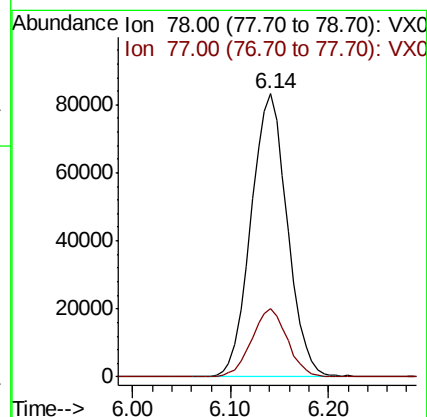
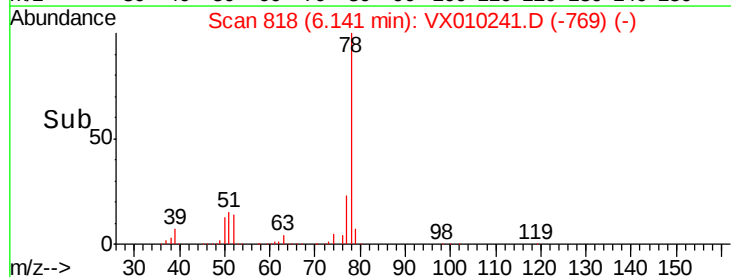
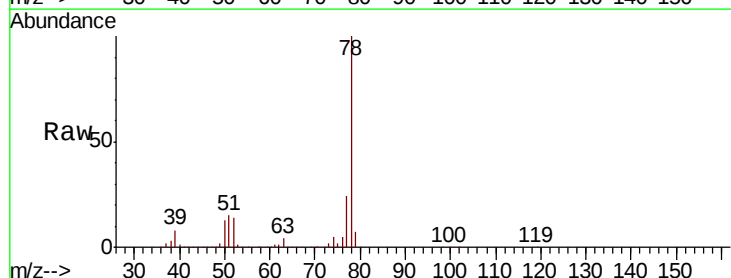
Acq: 12 Jun 2019 11:00

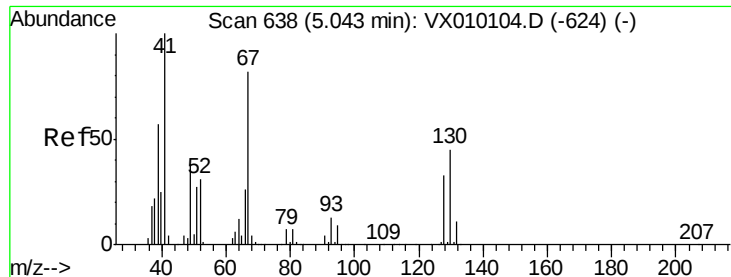
Tgt Ion: 78 Resp: 215314

Ion Ratio Lower Upper

78 100

77 23.9 19.2 28.8





#41

Methacrylonitrile

Concen: 17.466 ug/l

RT: 5.04 min Scan# 637

Delta R.T. -0.01 min

Lab File: VX010241.D

Acq: 12 Jun 2019 11:00

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 41 Resp: 37277

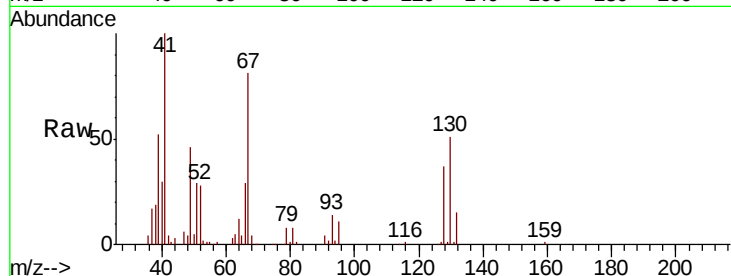
Ion Ratio Lower Upper

41 100

39 55.3 42.2 63.4

67 85.6 48.9 73.3#

52 30.3 20.1 30.1#

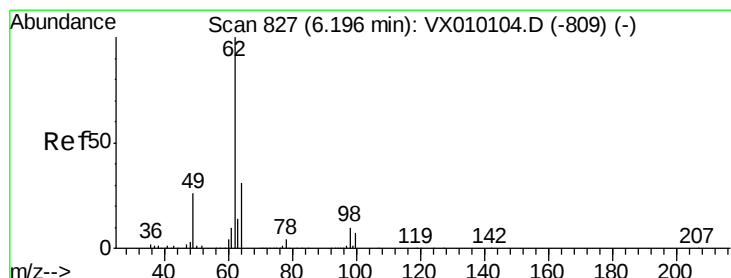
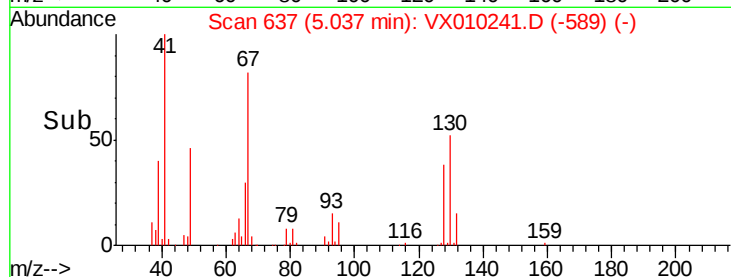
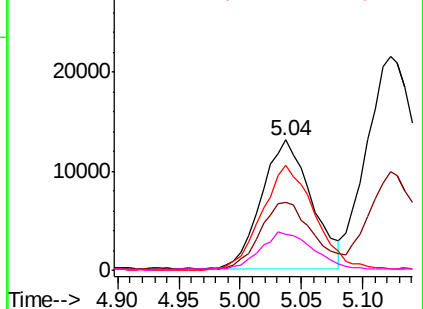


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 17.711 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.01 min

Lab File: VX010241.D

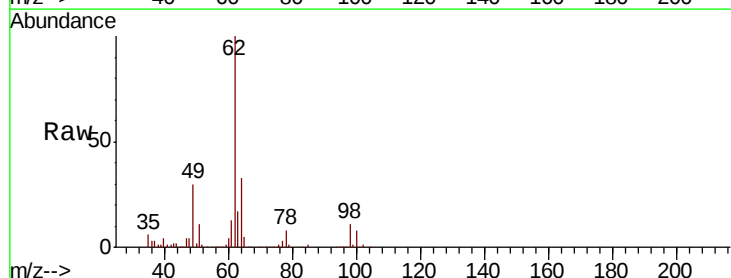
Acq: 12 Jun 2019 11:00

Tgt Ion: 62 Resp: 66301

Ion Ratio Lower Upper

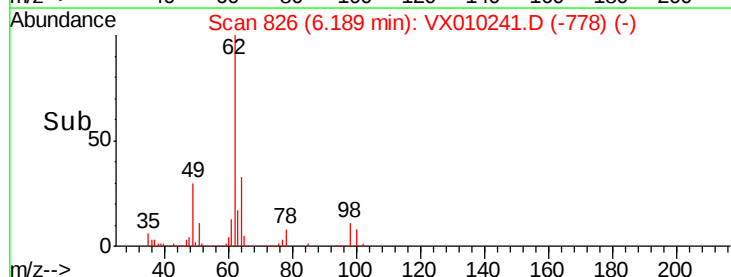
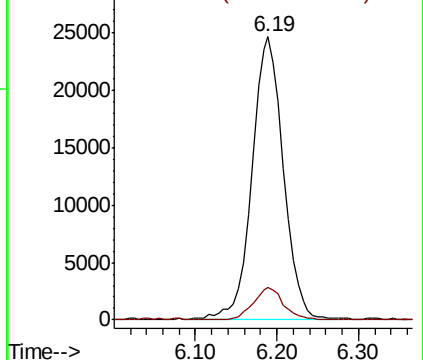
62 100

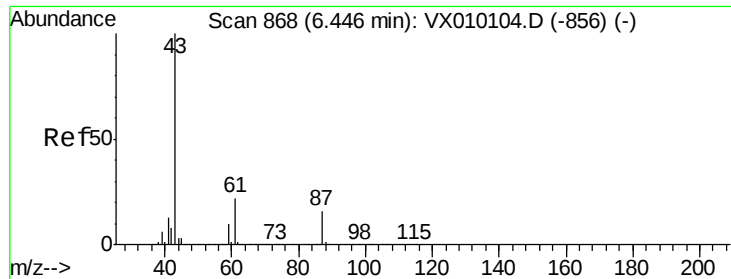
98 11.1 0.0 17.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



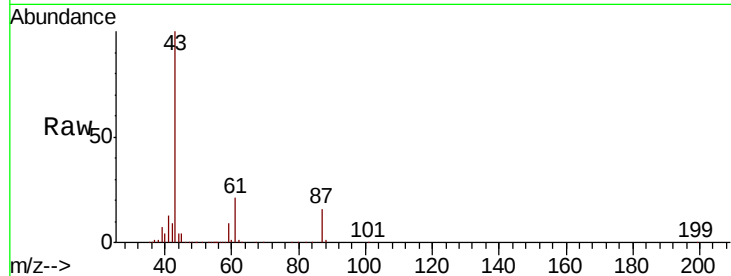


#43

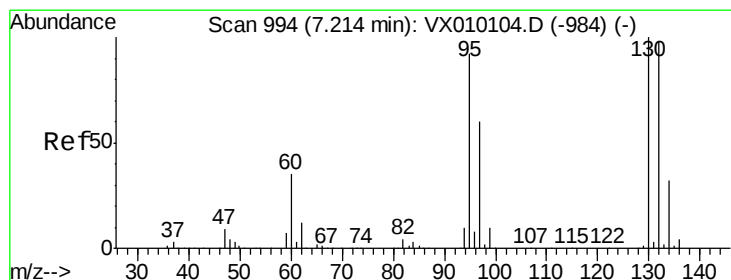
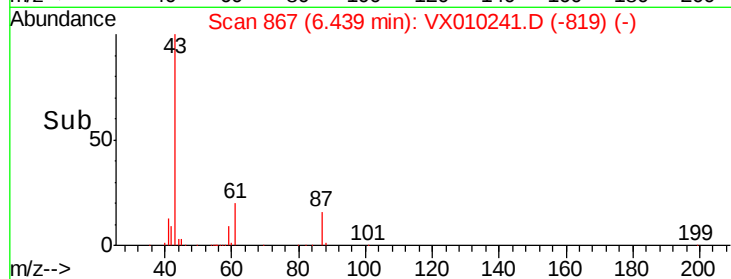
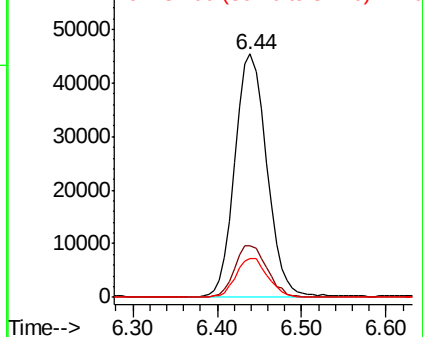
Isopropyl Acetate
 Concen: 17.587 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: VX010241.D
 Acq: 12 Jun 2019 11:00

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 43 Resp: 116022
 Ion Ratio Lower Upper
 43 100
 61 22.0 14.6 21.8#
 87 16.1 8.7 13.1#



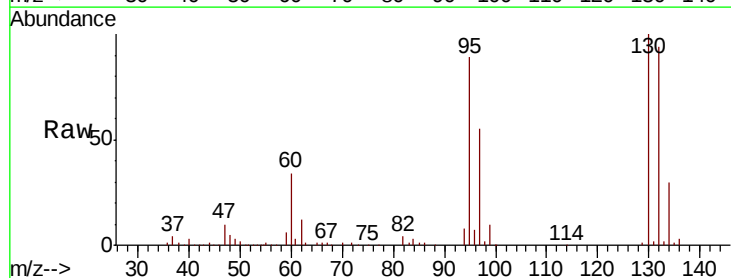
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



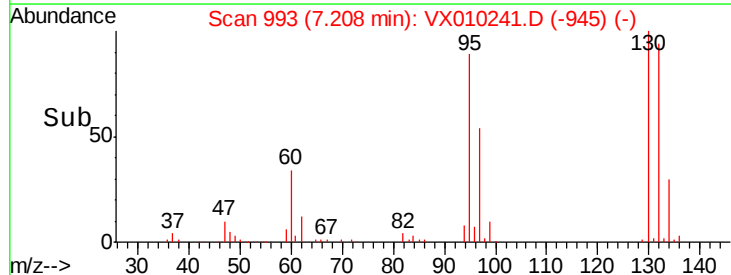
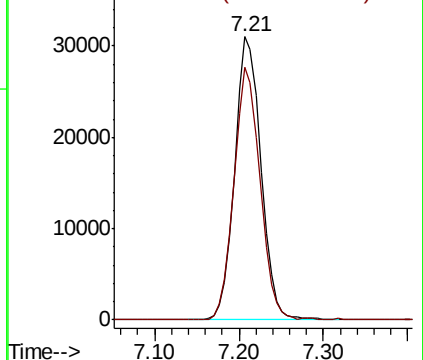
#44

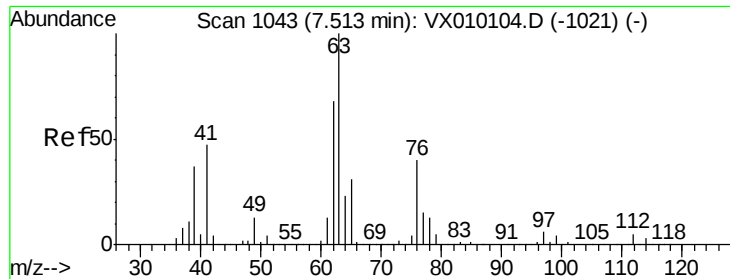
Trichloroethene
 Concen: 18.348 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX010241.D
 Acq: 12 Jun 2019 11:00

Tgt Ion:130 Resp: 64851
 Ion Ratio Lower Upper
 130 100
 95 89.1 0.0 207.4



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





#45

1,2-Dichloropropane

Concen: 18.393 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX010241.D

Acq: 12 Jun 2019 11:00

Instrument :

MSVOA_X

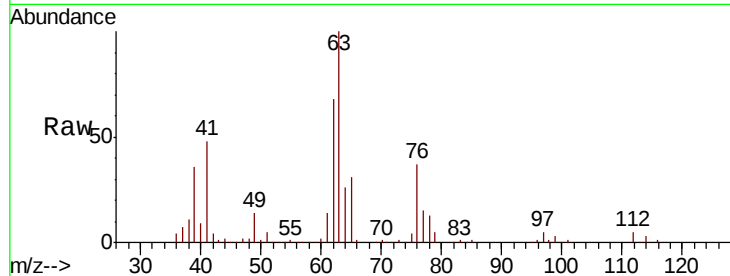
ClientSampleId :

Tot Ion: 63 Resp: 53982

Ion Ratio Lower Upper

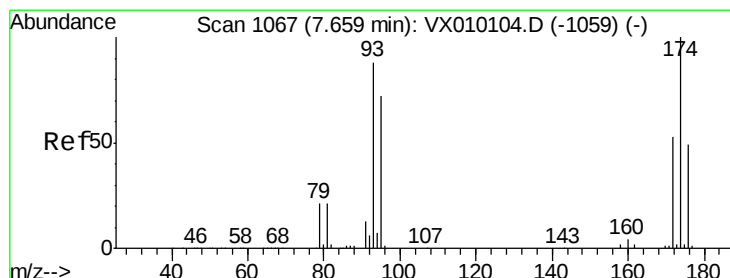
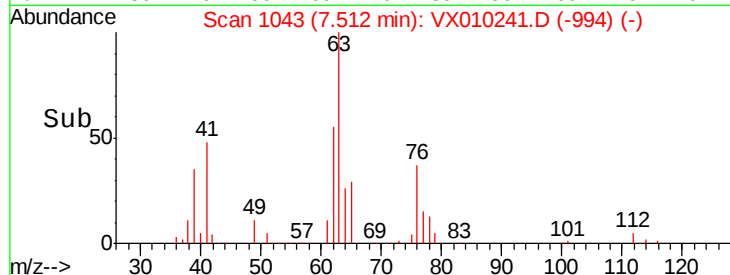
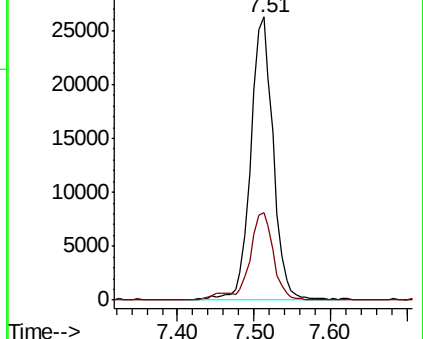
63 100

65 30.5 25.7 38.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 17.462 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX010241.D

Acq: 12 Jun 2019 11:00

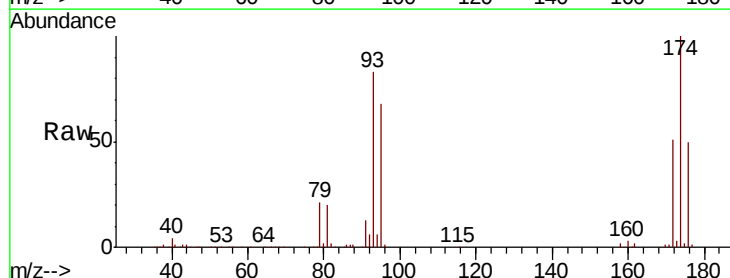
Tgt Ion: 93 Resp: 38394

Ion Ratio Lower Upper

93 100

95 84.7 66.8 100.2

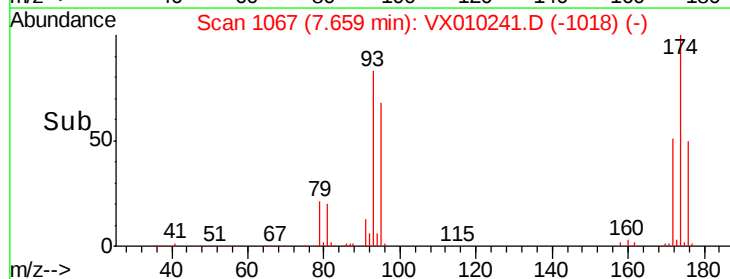
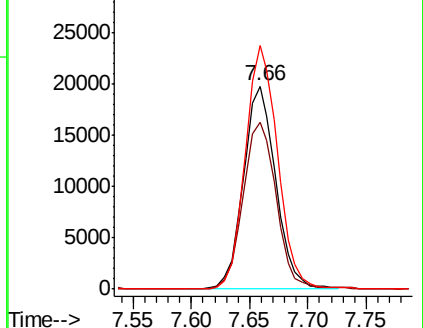
174 120.5 81.9 122.9

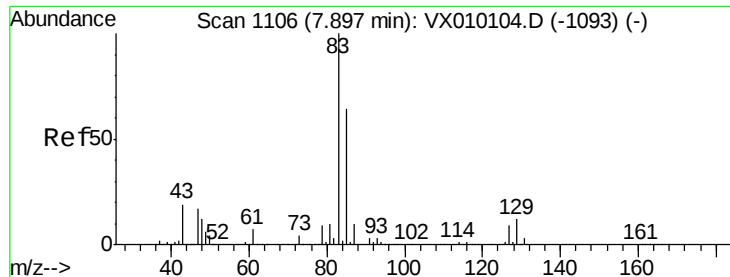


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 17.908 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX010241.D

Acq: 12 Jun 2019 11:00

Instrument :

MSVOA_X

ClientSampled :

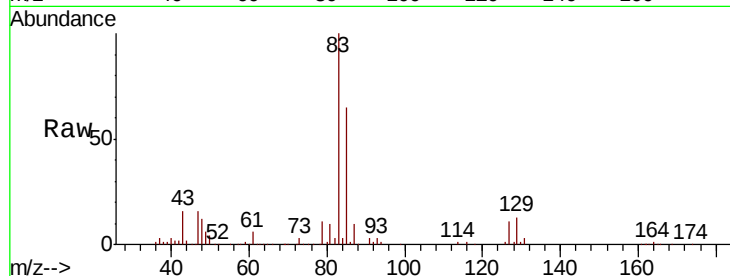
Tot Ion: 83 Resp: 73577

Ion Ratio Lower Upper

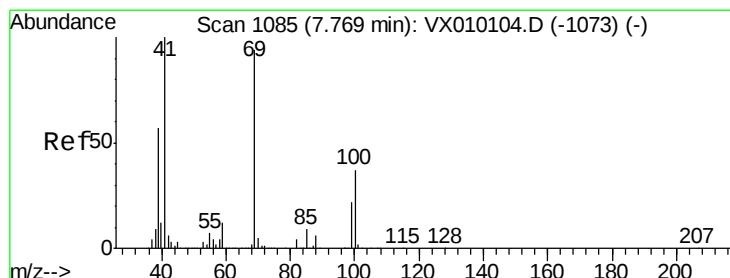
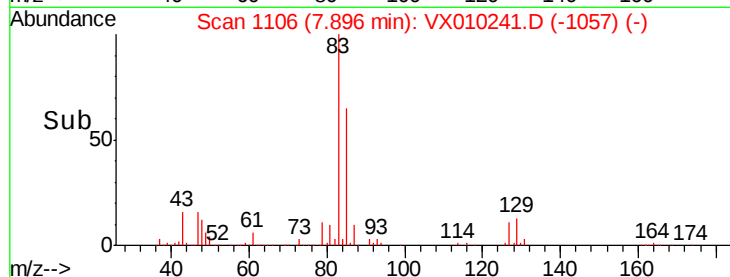
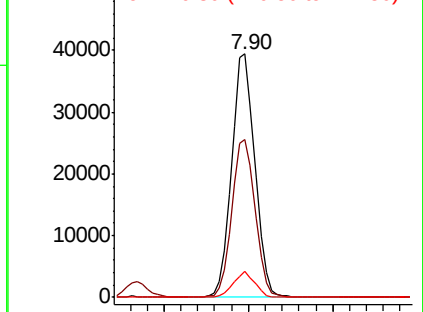
83 100

85 65.1 51.4 77.2

127 10.5 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: 17.583 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX010241.D

Acq: 12 Jun 2019 11:00

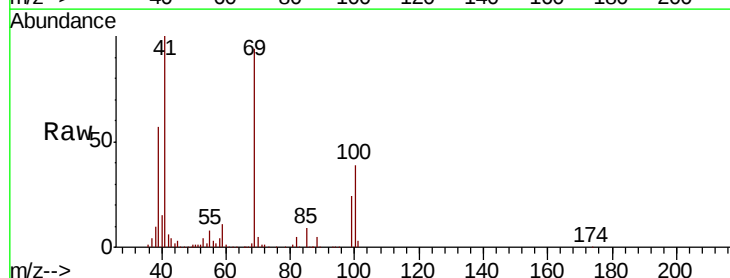
Tgt Ion: 41 Resp: 54247

Ion Ratio Lower Upper

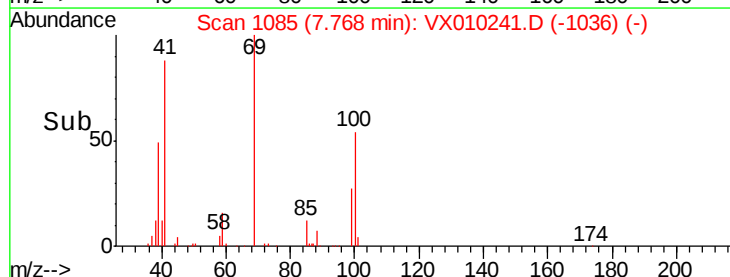
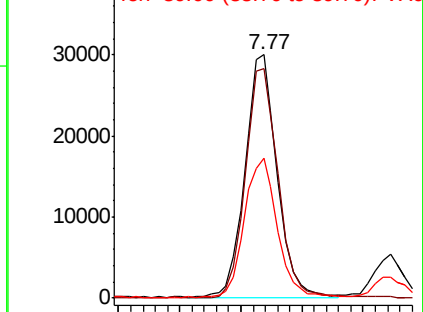
41 100

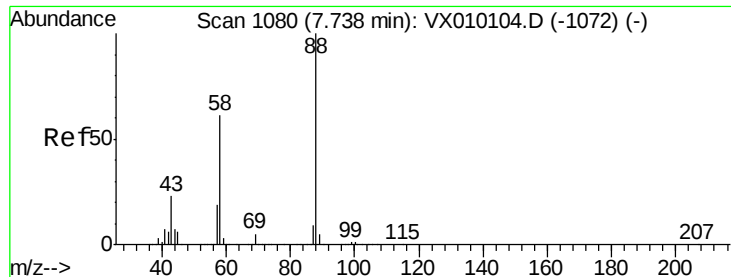
69 96.6 56.4 84.6#

39 59.0 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: 373.743 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VX010241.D

Acq: 12 Jun 2019 11:00

Instrument :

MSVOA_X

ClientSampleId :

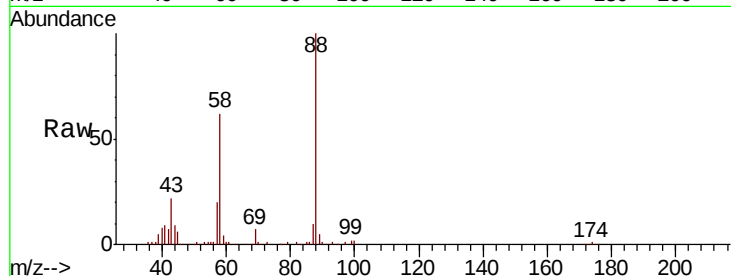
Tot Ion: 88 Resp: 32875

Ion Ratio Lower Upper

88 100

43 26.1 30.2 45.4#

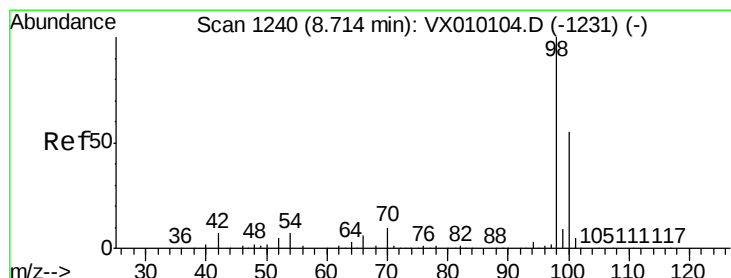
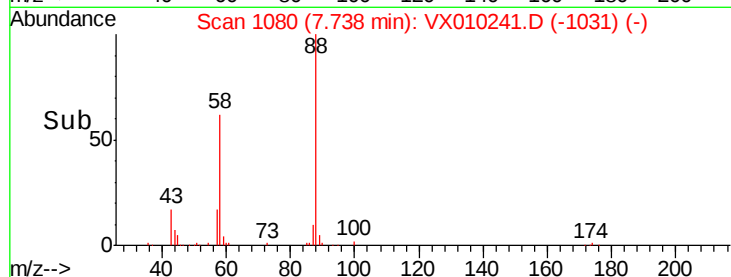
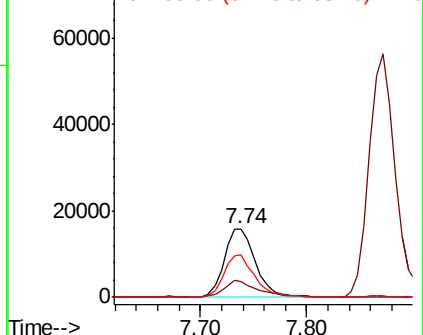
58 60.9 64.0 96.0#



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 51.573 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010241.D

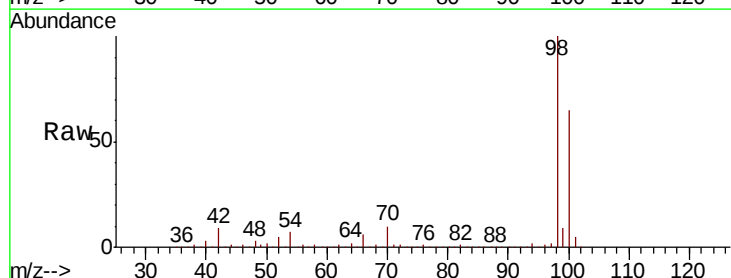
Acq: 12 Jun 2019 11:00

Tgt Ion: 98 Resp: 554146

Ion Ratio Lower Upper

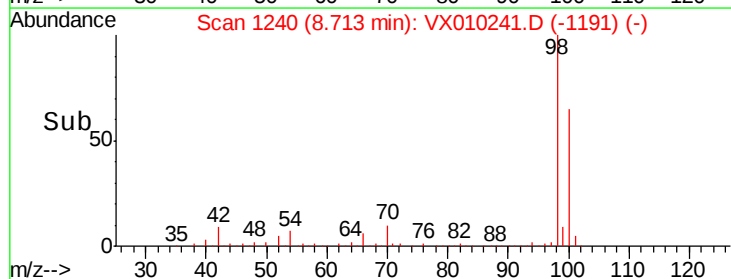
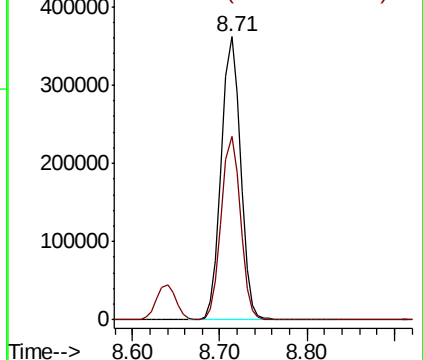
98 100

100 64.8 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: 93.844 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX010241.D

Acq: 12 Jun 2019 11:00

Instrument :

MSVOA_X

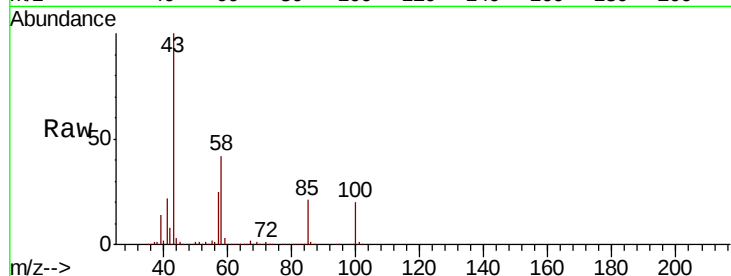
ClientSampled :

Tot Ion: 43 Resp: 369837

Ion Ratio Lower Upper

43 100

58 41.8 28.8 43.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

250000

200000

150000

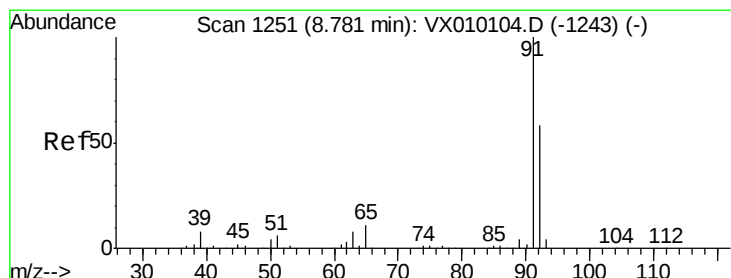
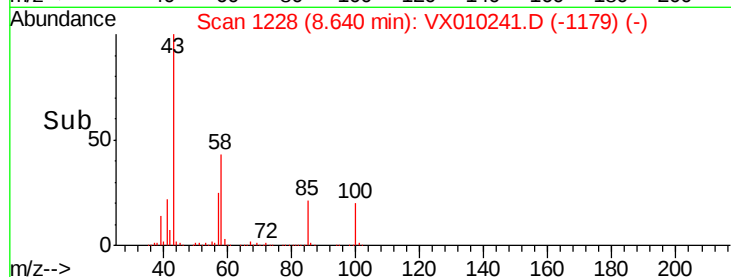
100000

50000

0

8.55 8.60 8.65 8.70

Time-->



#52

Toluene

Concen: 18.169 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX010241.D

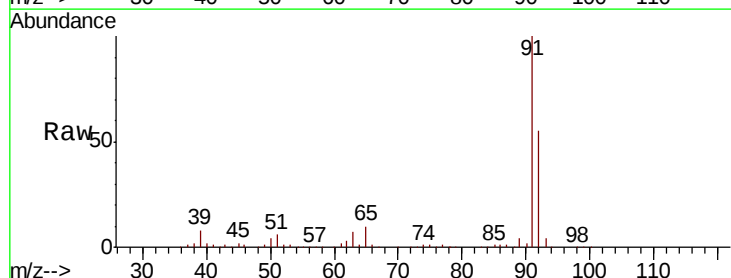
Acq: 12 Jun 2019 11:00

Tgt Ion: 92 Resp: 140044

Ion Ratio Lower Upper

92 100

91 176.6 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

150000

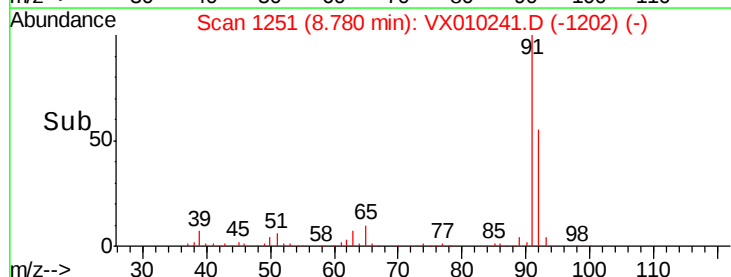
100000

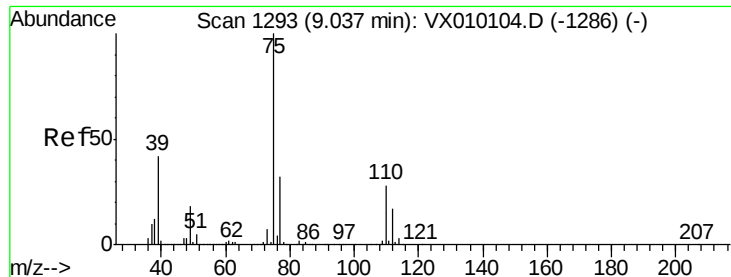
50000

0

8.70 8.75 8.80 8.85

Time-->

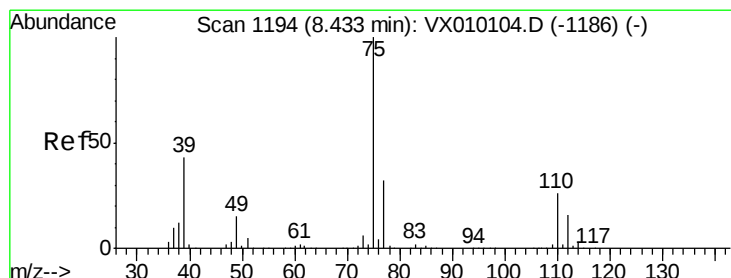
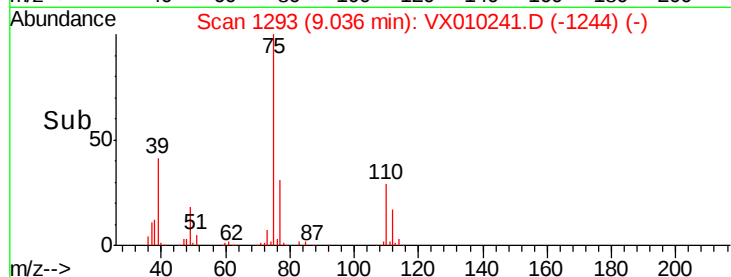
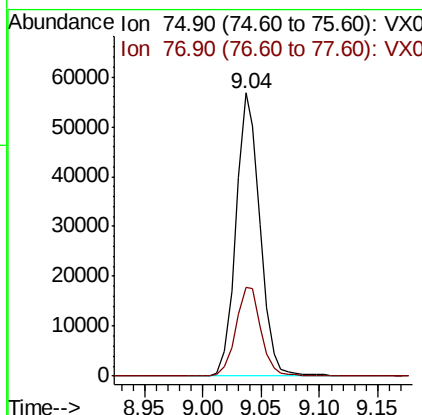
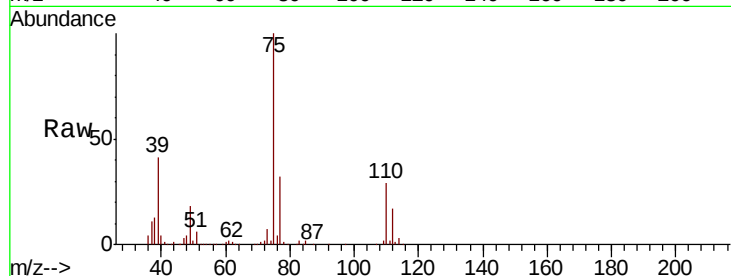




#53
t-1,3-Dichloropropene
Concen: 17.114 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. -0.00 min
Lab File: VX010241.D
Acq: 12 Jun 2019 11:00

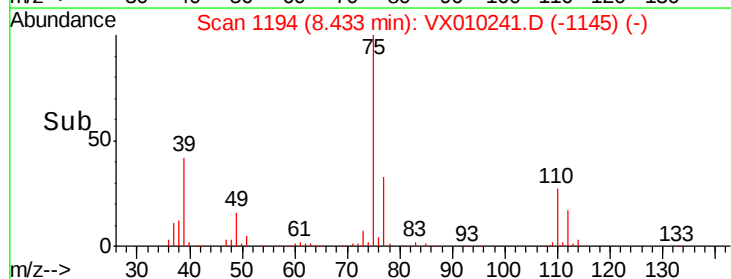
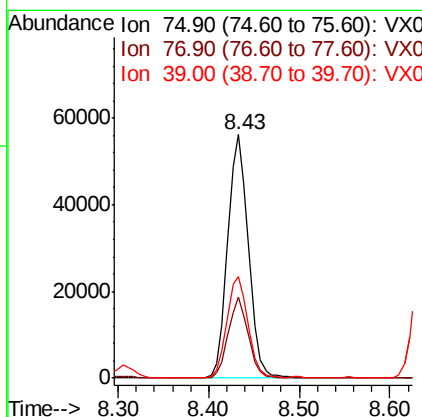
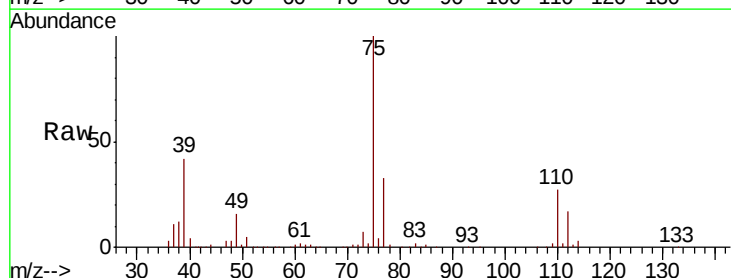
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 81329
Ion Ratio Lower Upper
75 100
77 31.6 24.6 36.8



#54
cis-1,3-Dichloropropene
Concen: 17.475 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX010241.D
Acq: 12 Jun 2019 11:00

Tgt Ion: 75 Resp: 89029
Ion Ratio Lower Upper
75 100
77 33.5 24.8 37.2
39 41.7 43.4 65.0#

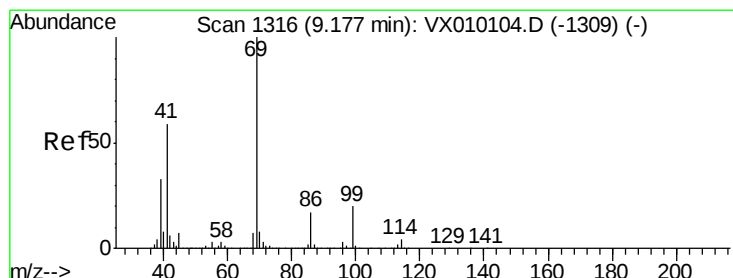
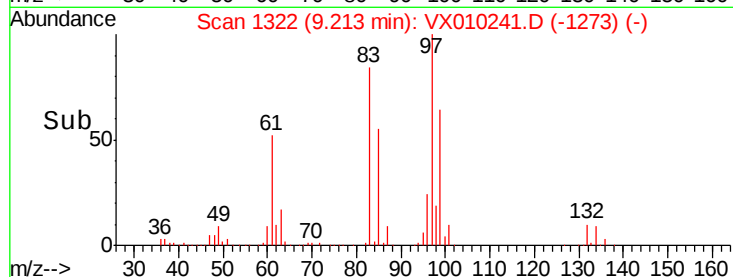
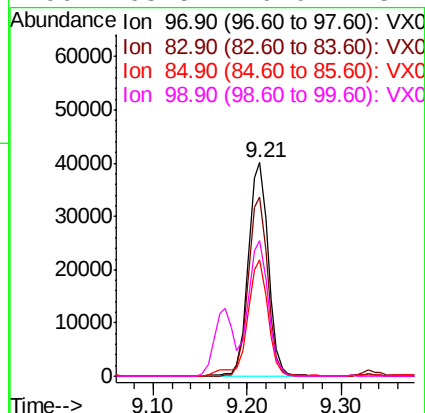
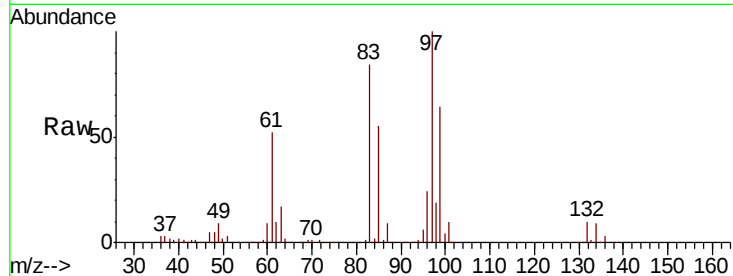




#55
 1,1,2-Trichloroethane
 Concen: 18.886 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX010241.D
 Acq: 12 Jun 2019 11:00

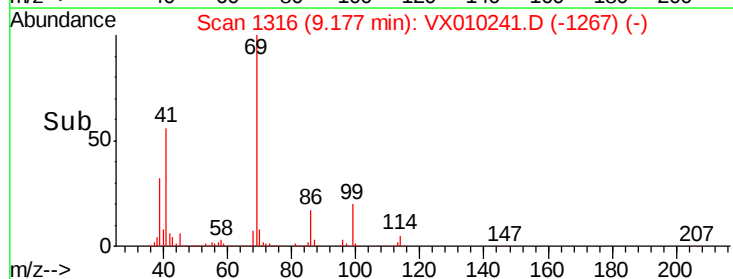
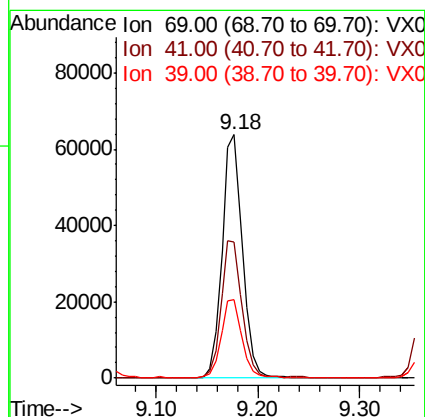
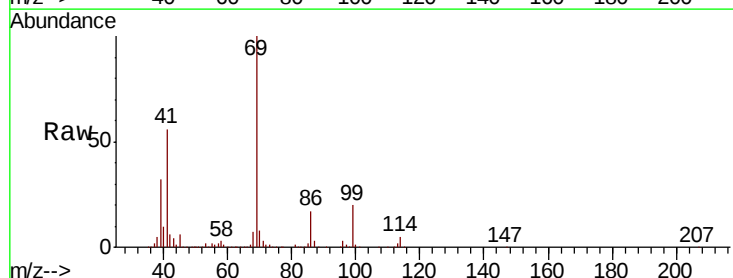
Instrument :
 MSVOA_X
 ClientSampleID :

Tot Ion: 97 Resp: 59616
 Ion Ratio Lower Upper
 97 100
 83 84.0 69.8 104.8
 85 54.5 45.3 67.9
 99 63.5 49.0 73.4



#56
 Ethyl methacrylate
 Concen: 17.917 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX010241.D
 Acq: 12 Jun 2019 11:00

Tgt Ion: 69 Resp: 89341
 Ion Ratio Lower Upper
 69 100
 41 56.8 62.7 94.1#
 39 32.4 29.5 44.3





#57

1,3-Dichloropropane

Concen: 18.561 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX010241.D

Acq: 12 Jun 2019 11:00

Instrument :

MSVOA_X

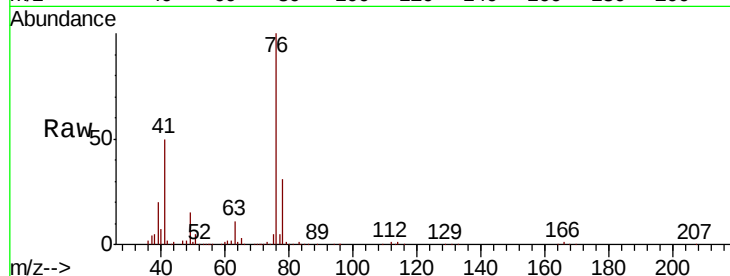
ClientSampleId :

Tot Ion: 76 Resp: 92244

Ion Ratio Lower Upper

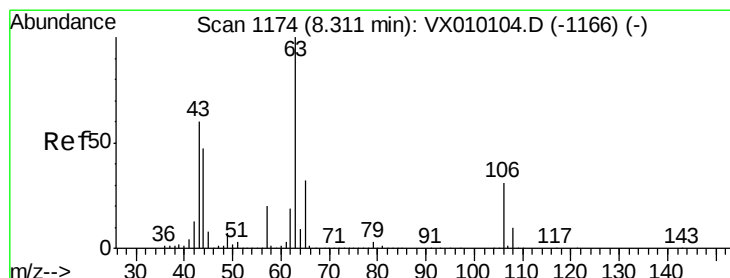
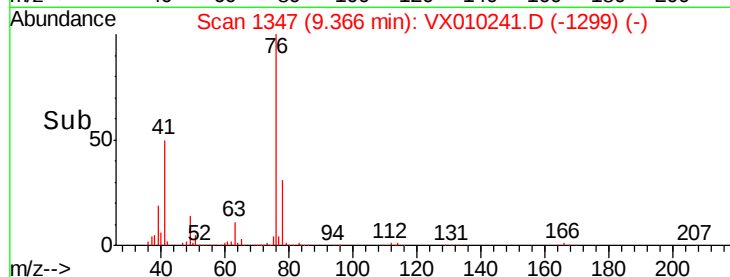
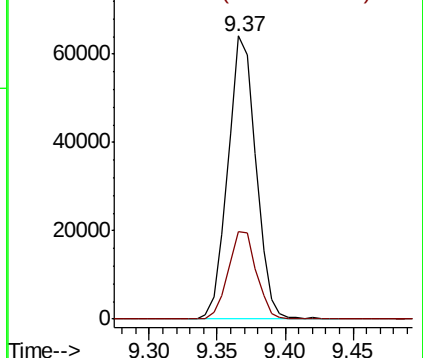
76 100

78 31.5 25.4 38.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 91.243 ug/l

RT: 8.30 min Scan# 1173

Delta R.T. -0.01 min

Lab File: VX010241.D

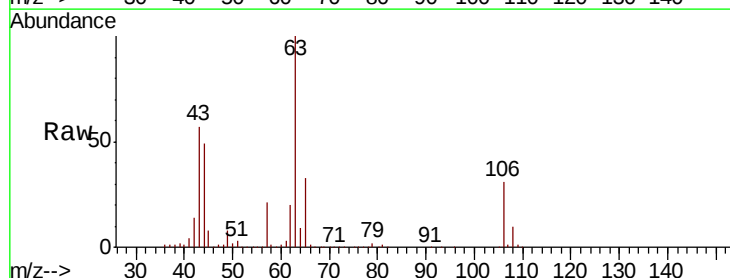
Acq: 12 Jun 2019 11:00

Tgt Ion: 63 Resp: 214489

Ion Ratio Lower Upper

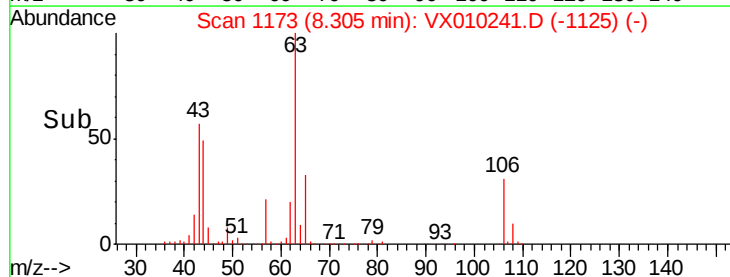
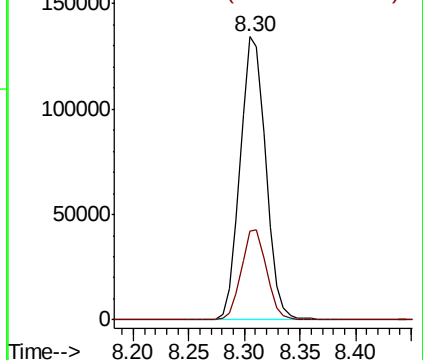
63 100

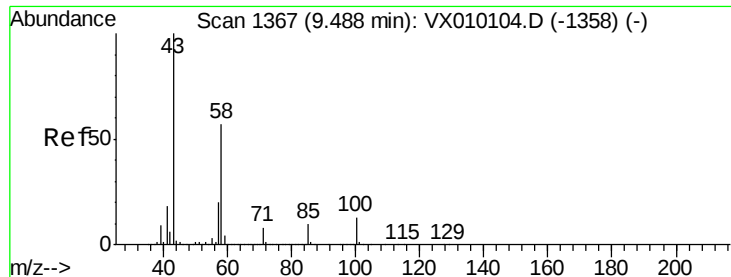
106 31.5 19.4 29.2#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

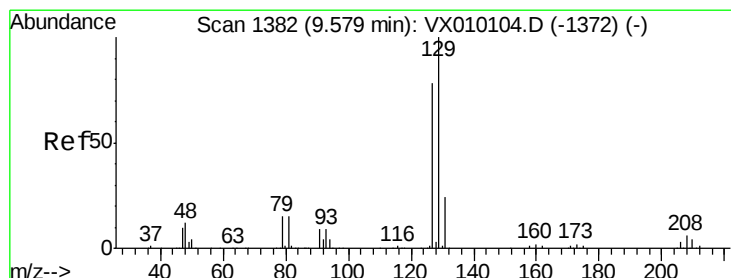
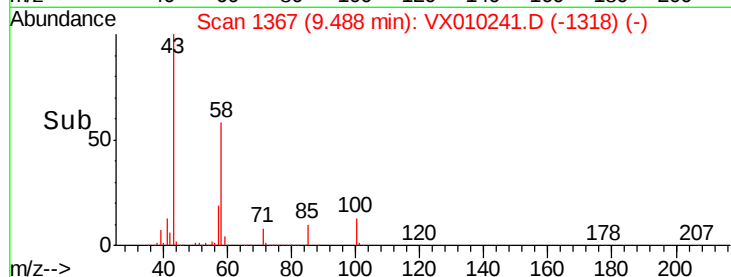
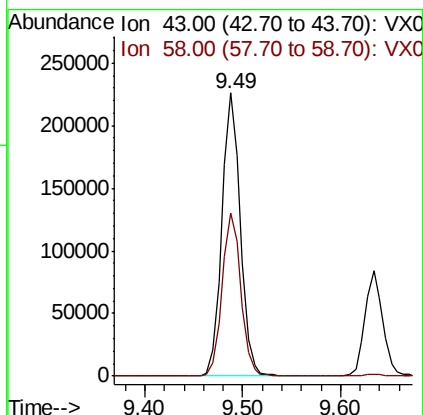
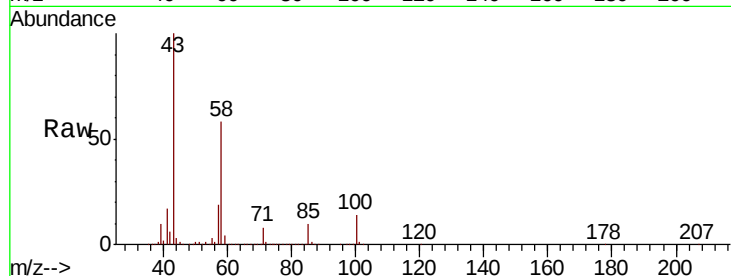




#59
2-Hexanone
Concen: 93.984 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX010241.D
Acq: 12 Jun 2019 11:00

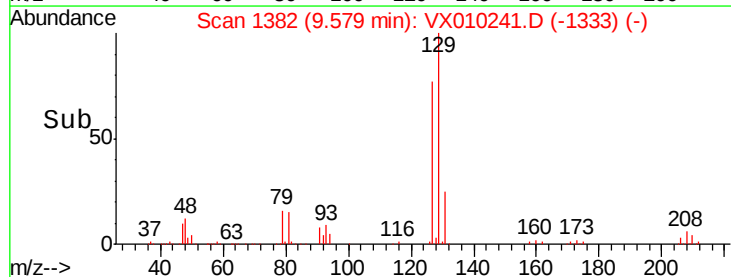
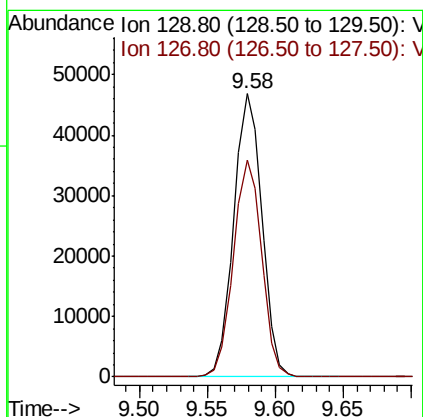
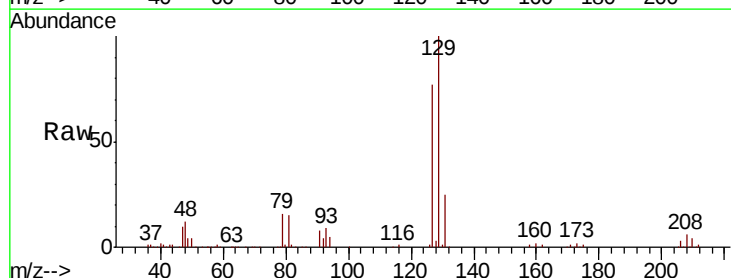
Instrument :
MSVOA_X
ClientSampled :

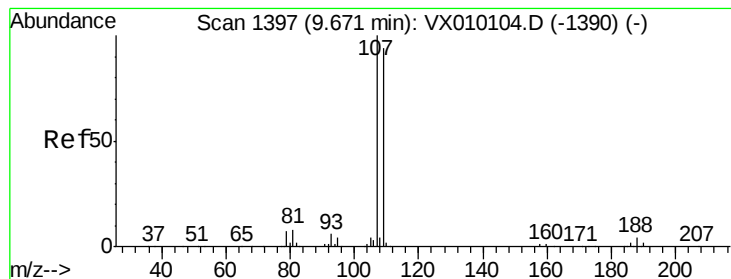
Tot Ion: 43 Resp: 295315
Ion Ratio Lower Upper
43 100
58 58.7 25.1 75.3



#60
Dibromochloromethane
Concen: 18.179 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX010241.D
Acq: 12 Jun 2019 11:00

Tgt Ion: 129 Resp: 67877
Ion Ratio Lower Upper
129 100
127 76.4 38.5 115.5





#61

1,2-Dibromoethane

Concen: 17.980 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX010241.D

Acq: 12 Jun 2019 11:00

Instrument :

MSVOA_X

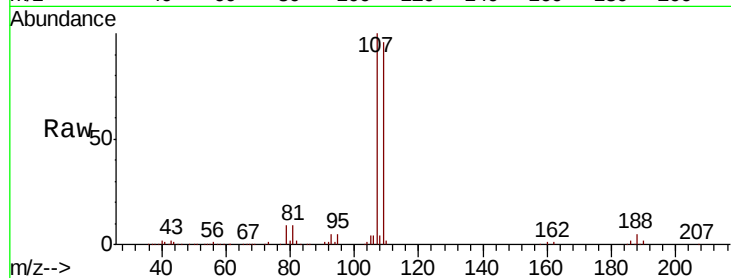
ClientSampleId :

Tot Ion:107 Resp: 63214

Ion Ratio Lower Upper

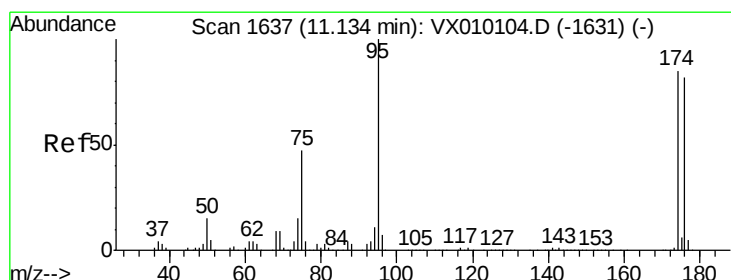
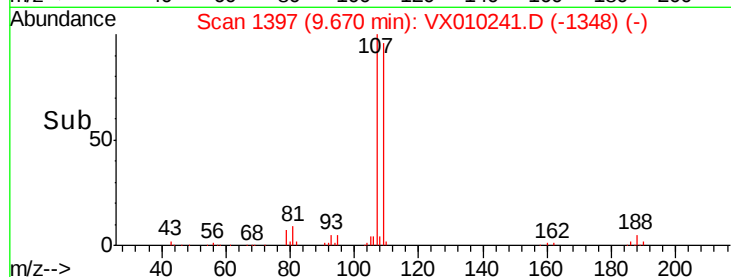
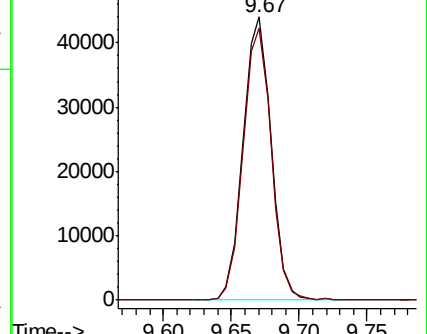
107 100

109 96.5 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: 50.117 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010241.D

Acq: 12 Jun 2019 11:00

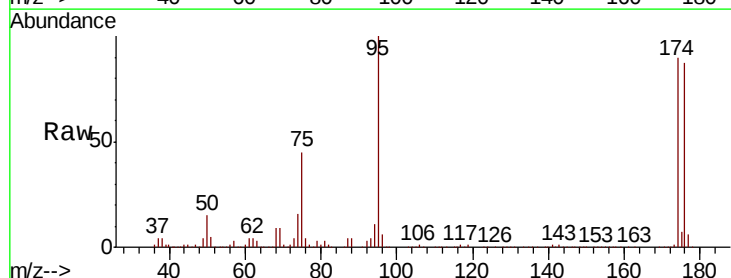
Tgt Ion: 95 Resp: 201109

Ion Ratio Lower Upper

95 100

174 95.5 0.0 160.4

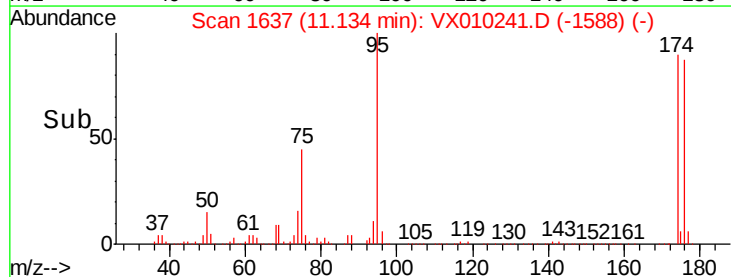
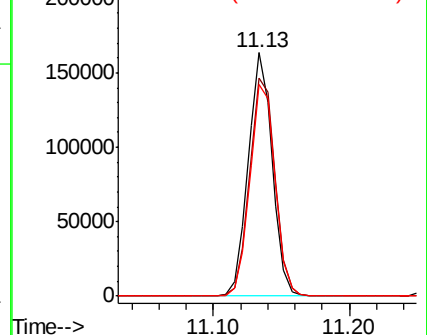
176 91.8 0.0 154.6

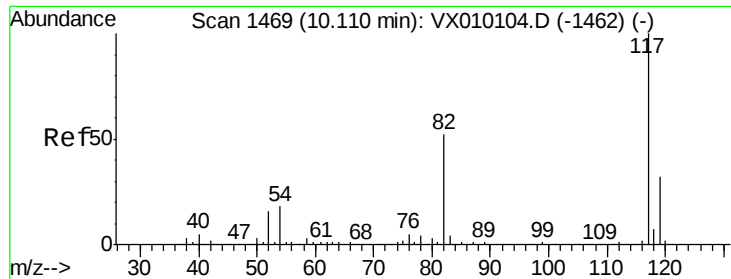


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

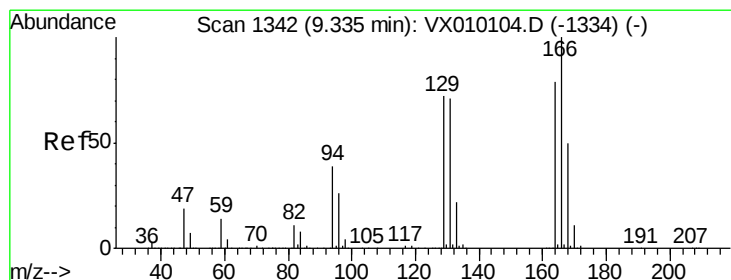
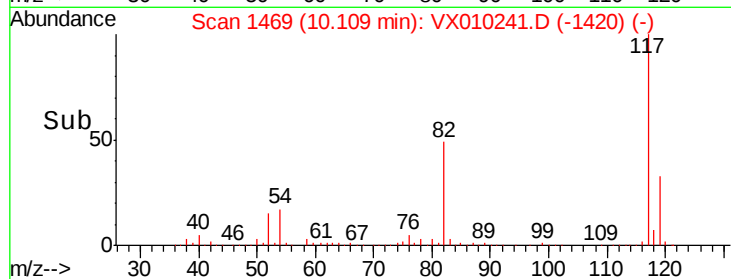
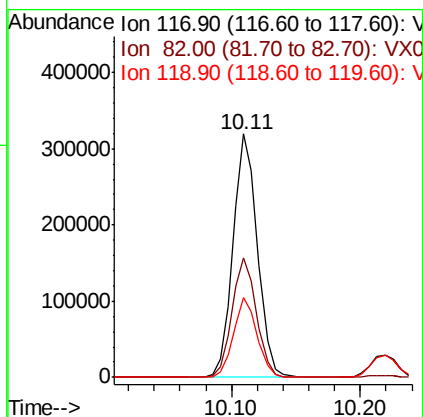
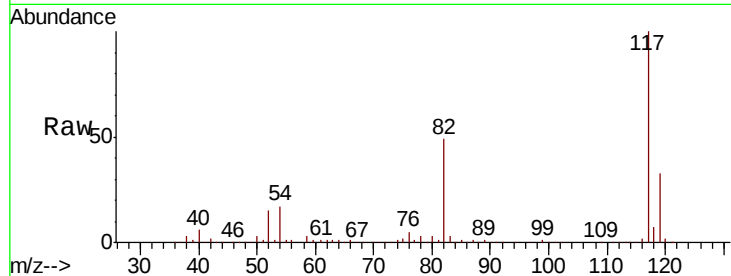




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010241.D
Acq: 12 Jun 2019 11:00

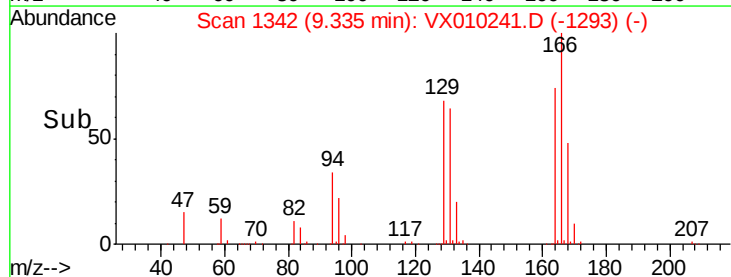
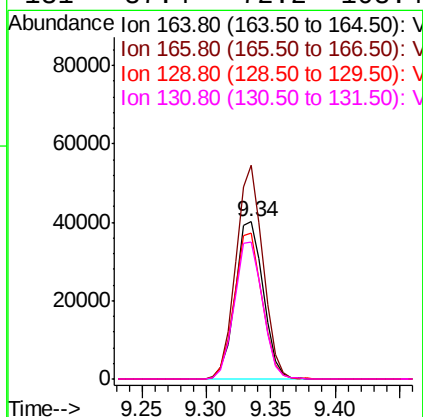
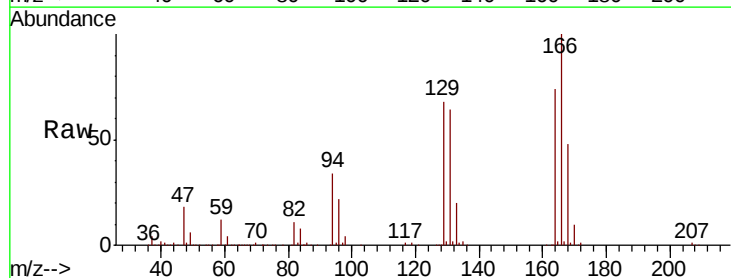
Instrument :
MSVOA_X
ClientSampleId :

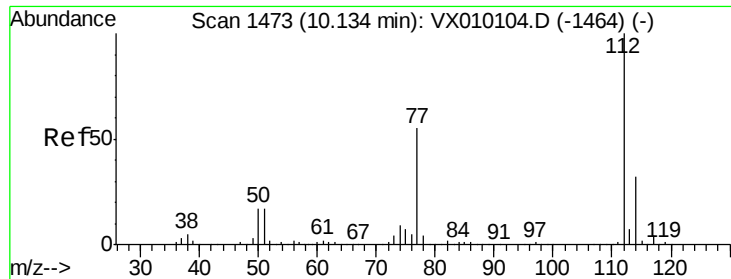
Tot Ion:117 Resp: 421428
Ion Ratio Lower Upper
117 100
82 49.3 49.2 73.8
119 33.0 25.2 37.8



#64
Tetrachloroethene
Concen: 19.429 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010241.D
Acq: 12 Jun 2019 11:00

Tgt Ion:164 Resp: 60813
Ion Ratio Lower Upper
164 100
166 135.8 105.0 157.4
129 92.9 75.1 112.7
131 87.4 72.2 108.4

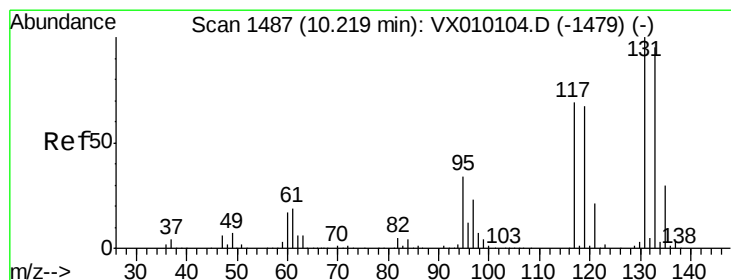
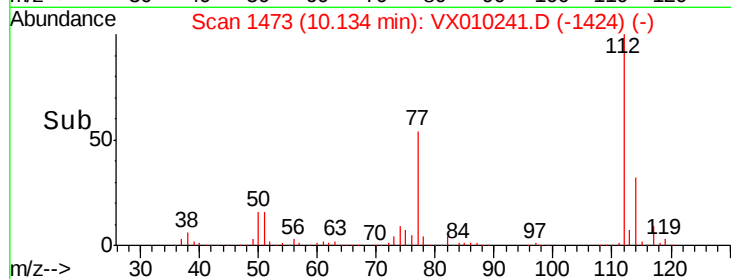
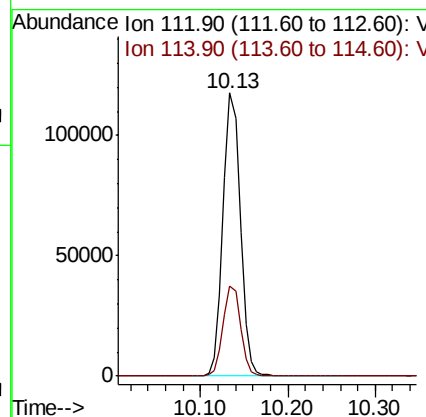
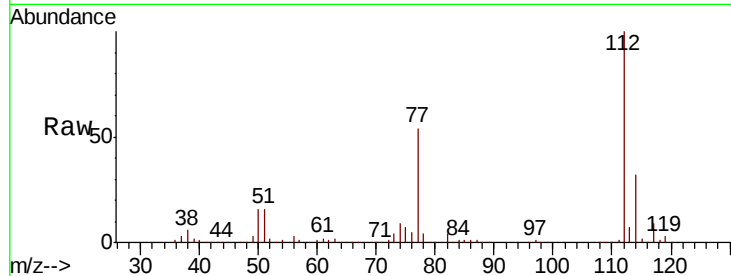




#65
Chlorobenzene
Concen: 18.633 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX010241.D
Acq: 12 Jun 2019 11:00

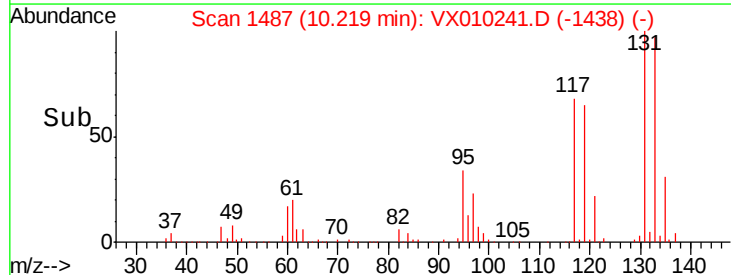
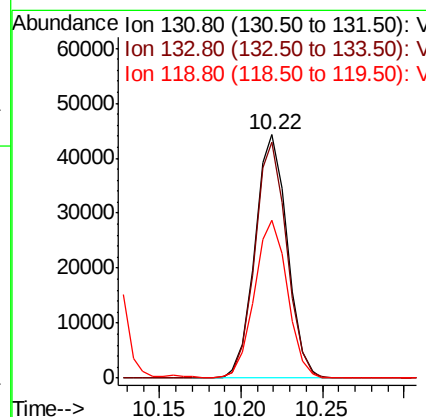
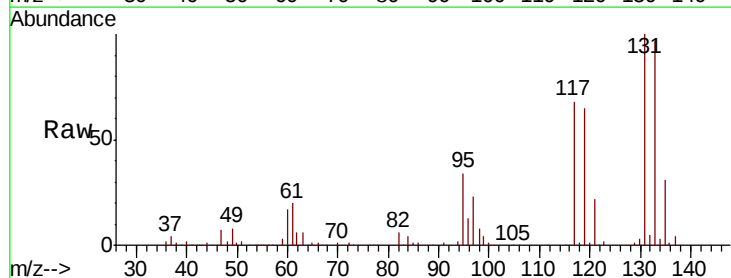
Instrument :
MSVOA_X
ClientSampled :

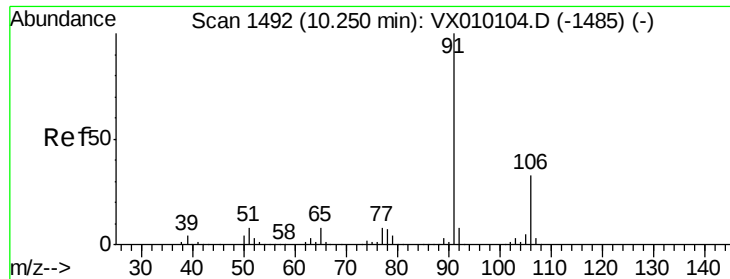
Tot Ion:112 Resp: 162065
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 18.297 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX010241.D
Acq: 12 Jun 2019 11:00

Tgt Ion:131 Resp: 61200
Ion Ratio Lower Upper
131 100
133 95.5 47.5 142.6
119 65.7 33.4 100.1

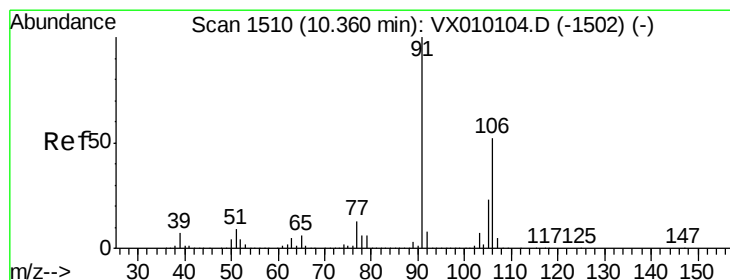
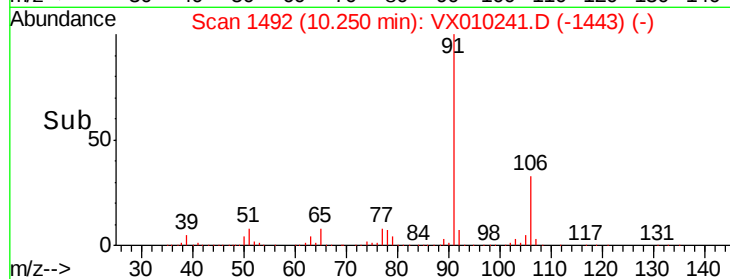
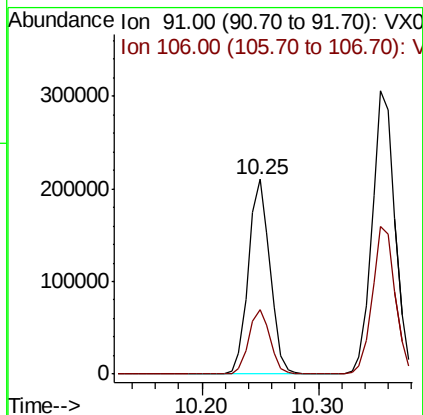
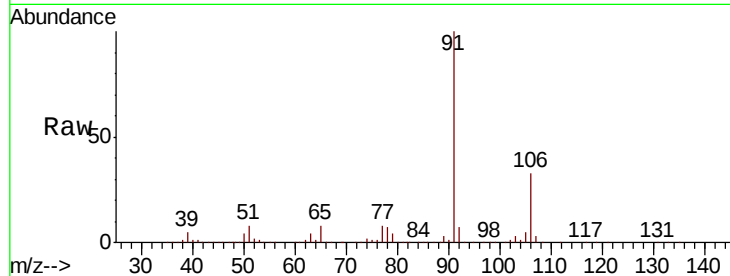




#67
Ethyl Benzene
Concen: 18.464 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX010241.D
Acq: 12 Jun 2019 11:00

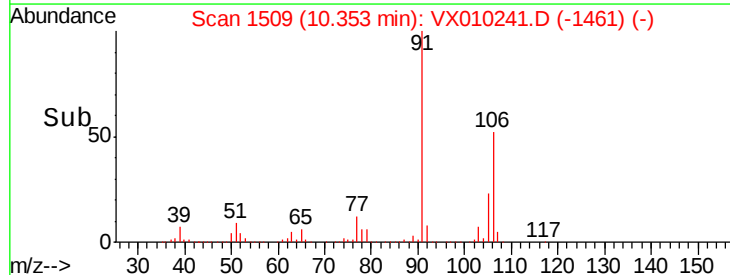
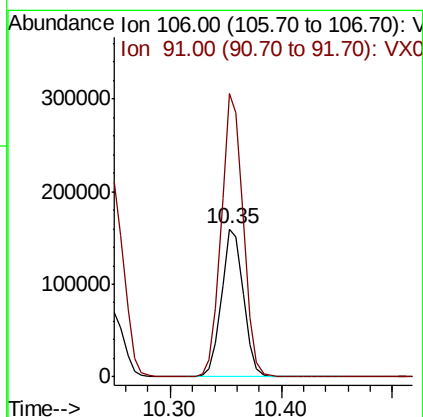
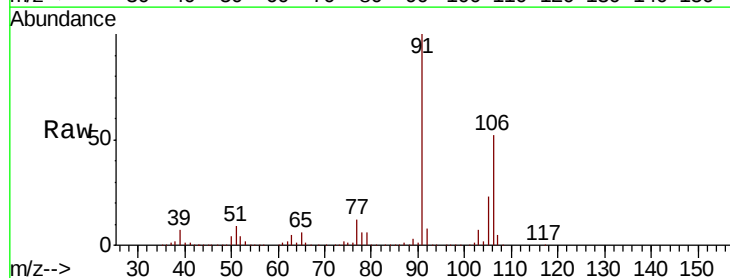
Instrument :
MSVOA_X
ClientSampleId :

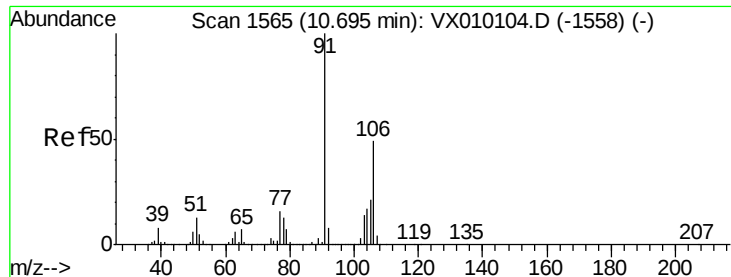
Tot Ion: 91 Resp: 273394
Ion Ratio Lower Upper
91 100
106 33.3 23.9 35.9



#68
m/p-Xylenes
Concen: 37.858 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX010241.D
Acq: 12 Jun 2019 11:00

Tgt Ion: 106 Resp: 216921
Ion Ratio Lower Upper
106 100
91 191.1 167.3 250.9

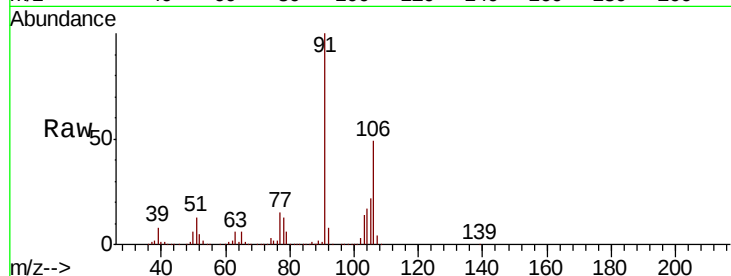




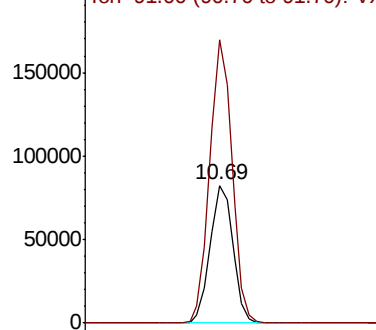
#69
o-Xylene
Concen: 18.649 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010241.D
Acq: 12 Jun 2019 11:00

Instrument :
MSVOA_X
ClientSampled :

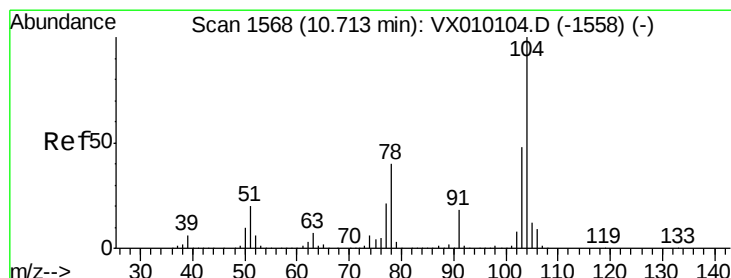
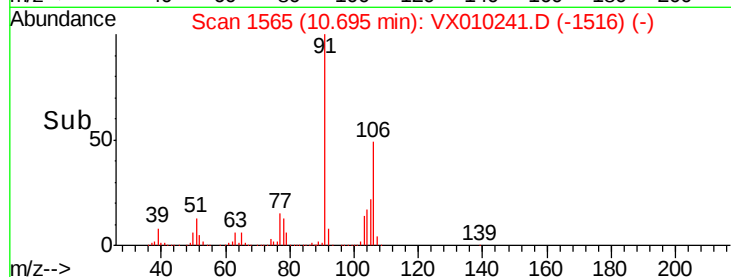
Tot Ion:106 Resp: 106221
Ion Ratio Lower Upper
106 100
91 201.4 110.4 331.2



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

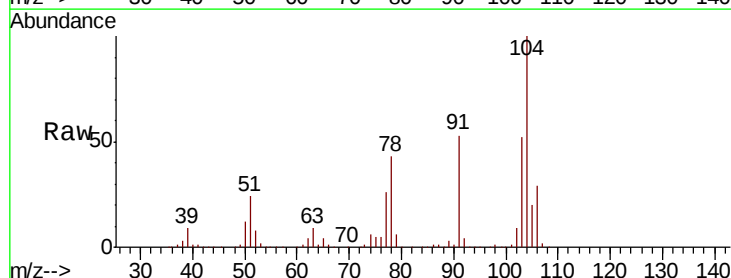


Time--> 10.60 10.70 10.80

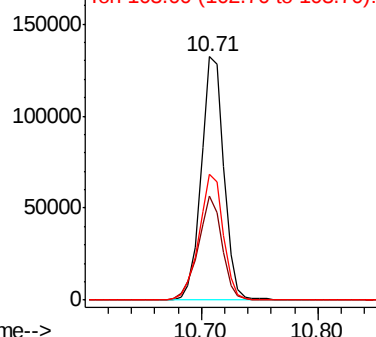


#70
Styrene
Concen: 18.597 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX010241.D
Acq: 12 Jun 2019 11:00

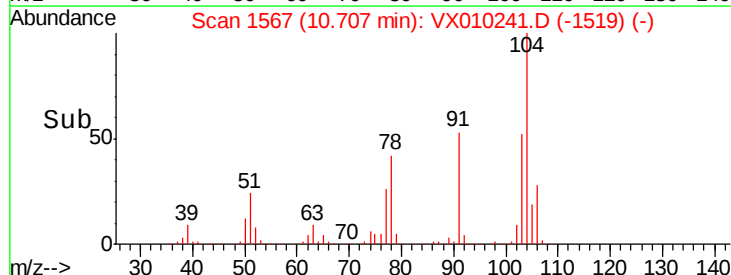
Tgt Ion:104 Resp: 179395
Ion Ratio Lower Upper
104 100
78 44.7 42.1 63.1
103 54.9 44.1 66.1

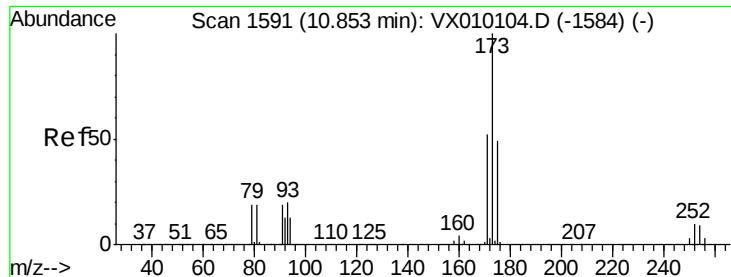


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V



Time--> 10.70 10.80





#71

Bromoform

Concen: 17.606 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX010241.D

Acq: 12 Jun 2019 11:00

Instrument :

MSVOA_X

ClientSampleId :

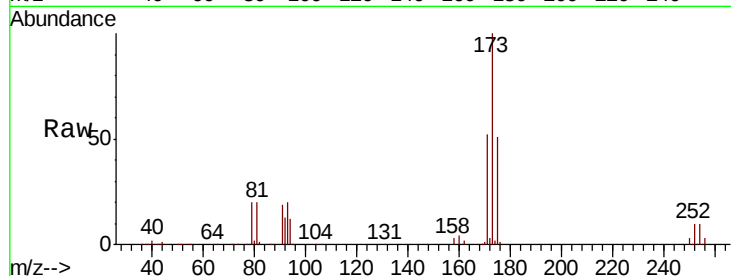
Tot Ion:173 Resp: 54137

Ion Ratio Lower Upper

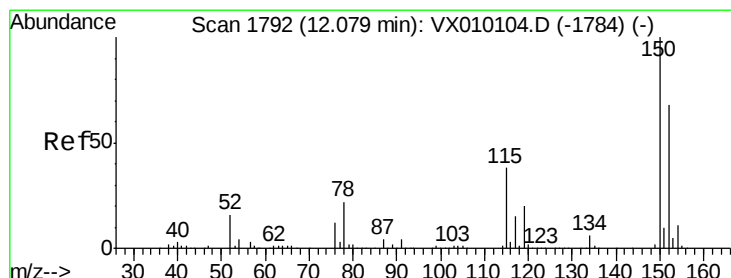
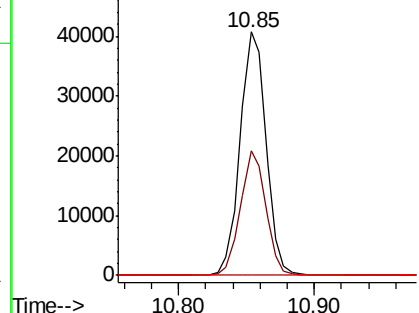
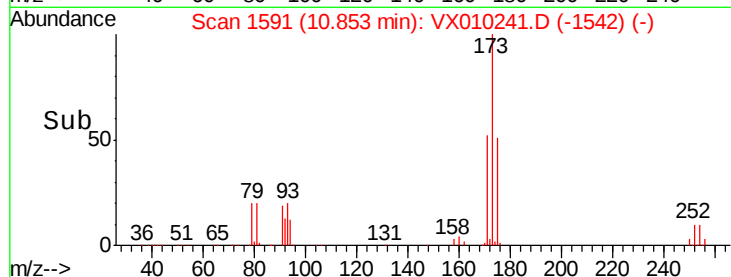
173 100

175 50.1 25.0 75.0

254 0.1 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010241.D

Acq: 12 Jun 2019 11:00

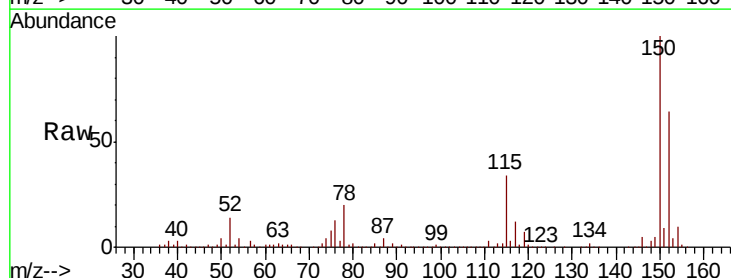
Tgt Ion:152 Resp: 220640

Ion Ratio Lower Upper

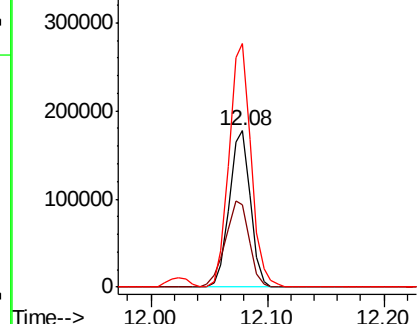
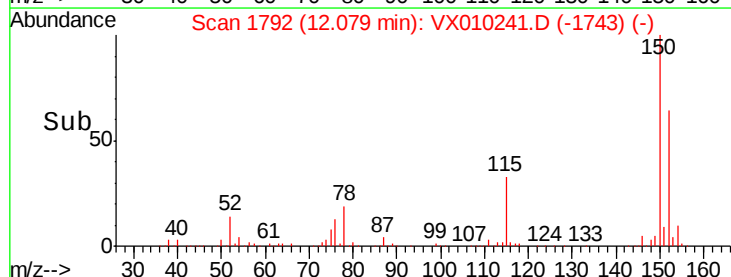
152 100

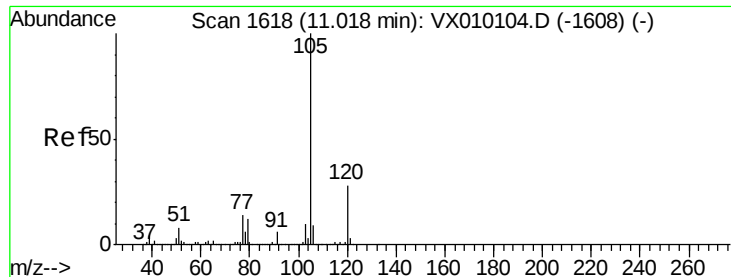
115 62.5 41.4 124.2

150 163.4 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: 18.073 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010241.D

Acq: 12 Jun 2019 11:00

Instrument :

MSVOA_X

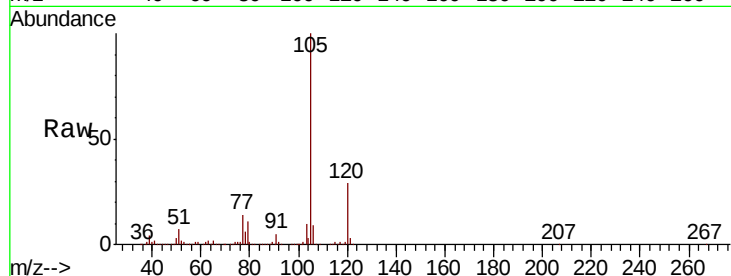
ClientSampleId :

Tot Ion:105 Resp: 278370

Ion Ratio Lower Upper

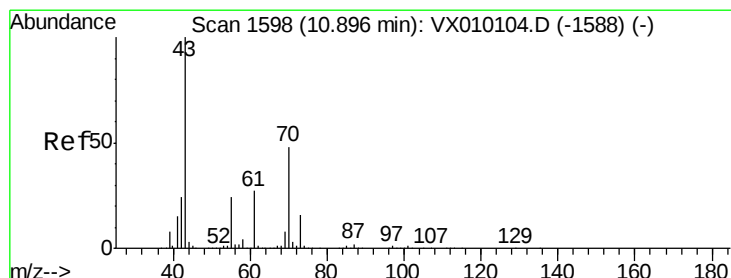
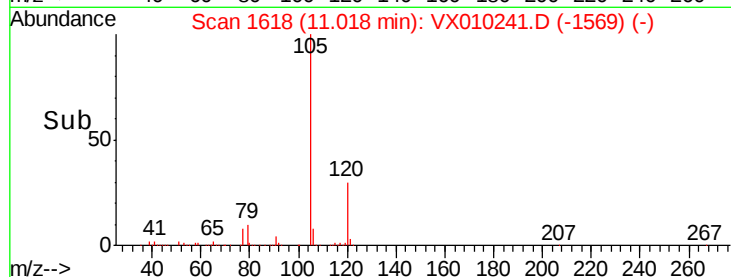
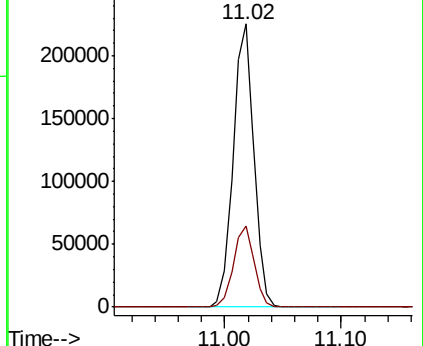
105 100

120 28.8 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: 17.481 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010241.D

Acq: 12 Jun 2019 11:00

Tgt Ion: 43 Resp: 106429

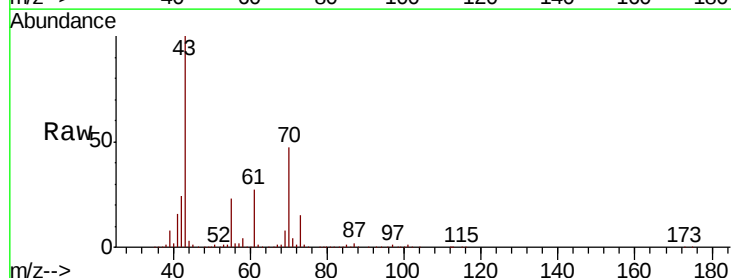
Ion Ratio Lower Upper

43 100

70 46.8 28.6 43.0#

55 23.3 17.8 26.8

61 26.5 17.7 26.5#

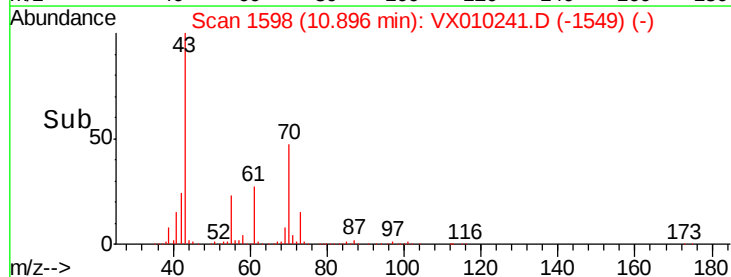
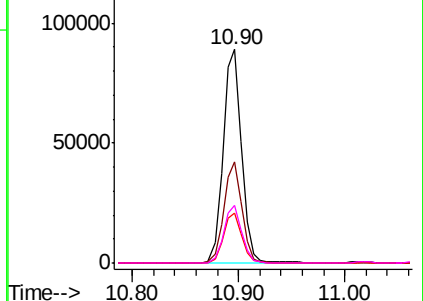


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 17.537 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX010241.D

Acq: 12 Jun 2019 11:00

Instrument :

MSVOA_X

ClientSampleId :

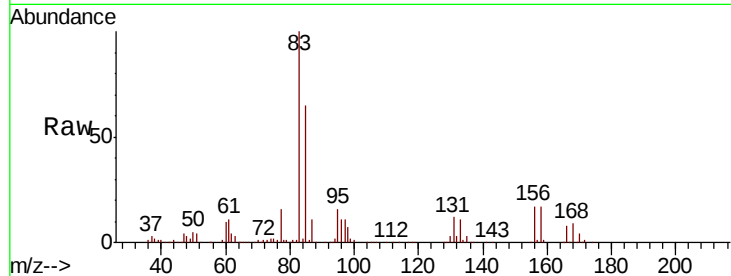
Tot Ion: 83 Resp: 92459

Ion Ratio Lower Upper

83 100

131 11.2 4.7 14.1

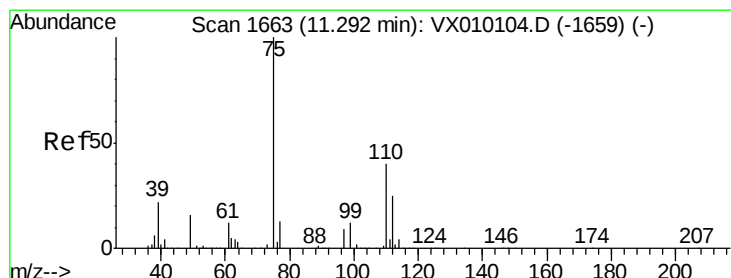
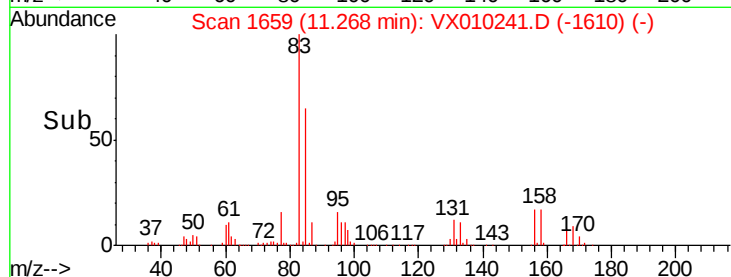
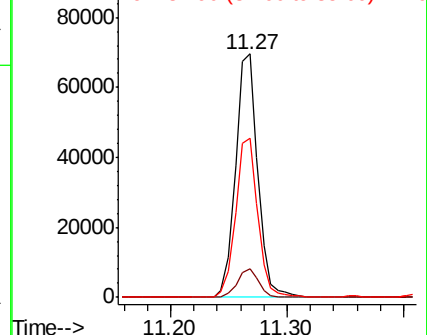
85 65.7 31.9 95.9



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: 23.263 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX010241.D

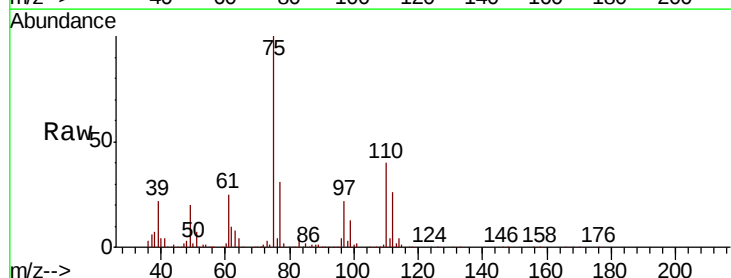
Acq: 12 Jun 2019 11:00

Tgt Ion: 75 Resp: 102665

Ion Ratio Lower Upper

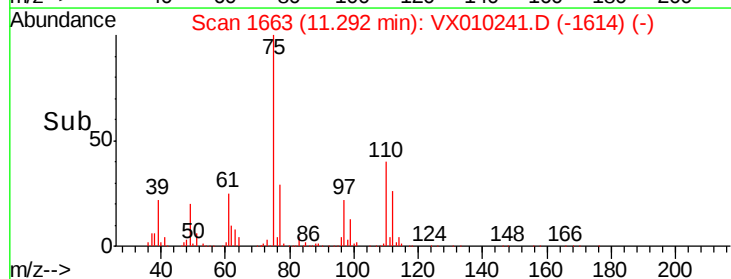
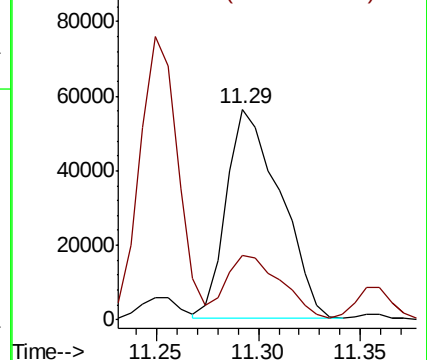
75 100

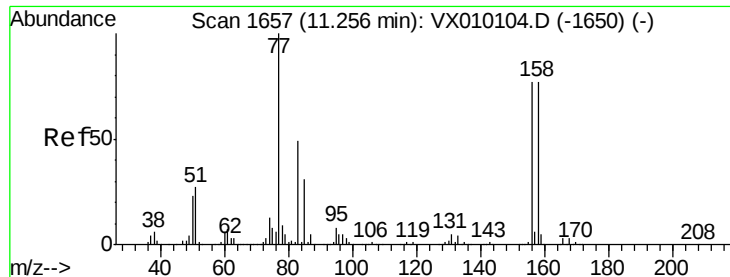
77 32.1 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.126 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX010241.D

Acq: 12 Jun 2019 11:00

Instrument :

MSVOA_X

ClientSampleId :

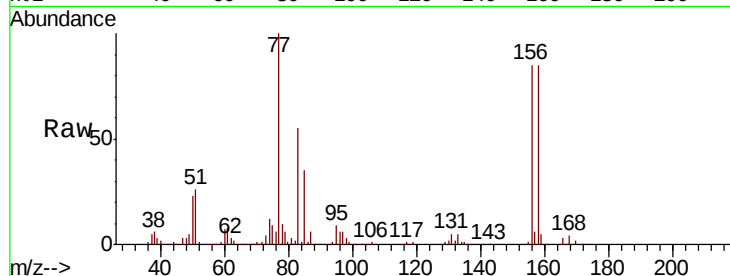
Tot Ion:156 Resp: 76771

Ion Ratio Lower Upper

156 100

77 129.2 86.8 260.3

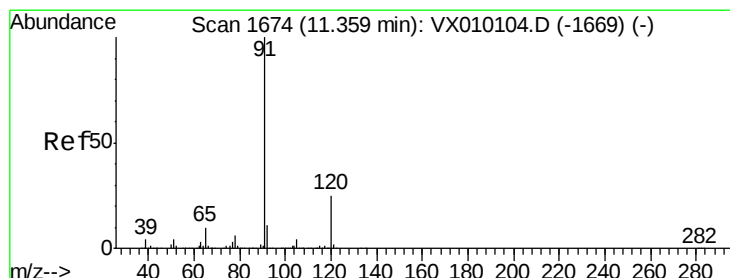
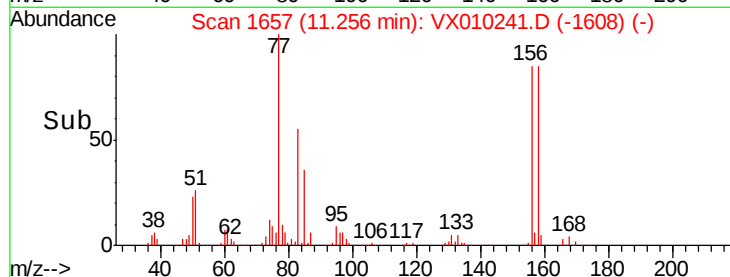
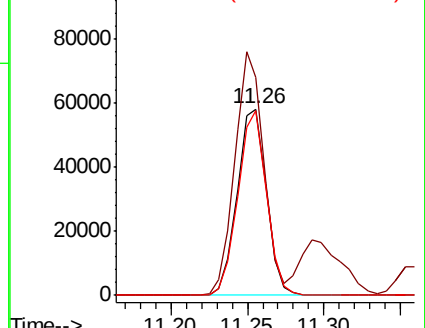
158 96.9 49.6 148.8



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: 18.126 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010241.D

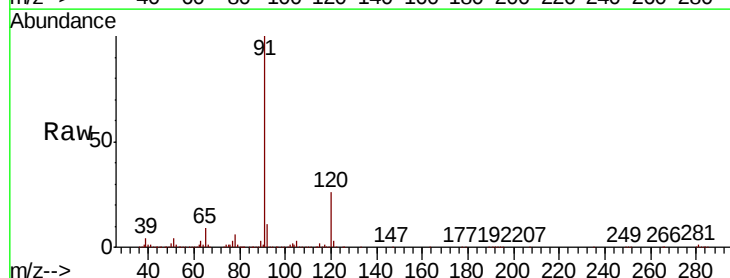
Acq: 12 Jun 2019 11:00

Tgt Ion: 91 Resp: 310806

Ion Ratio Lower Upper

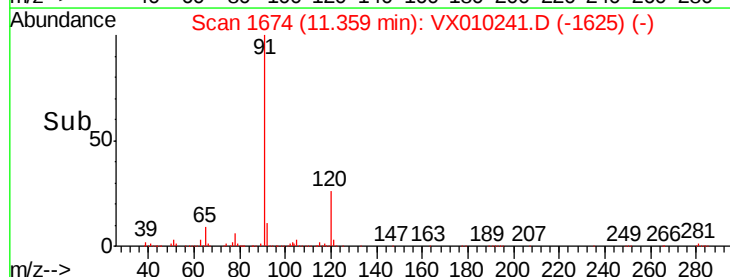
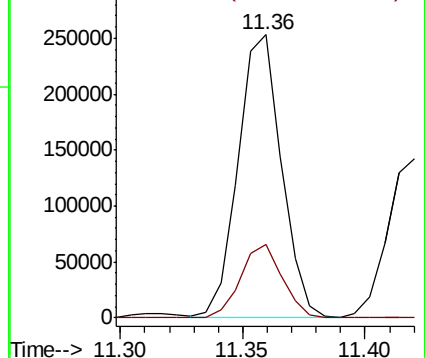
91 100

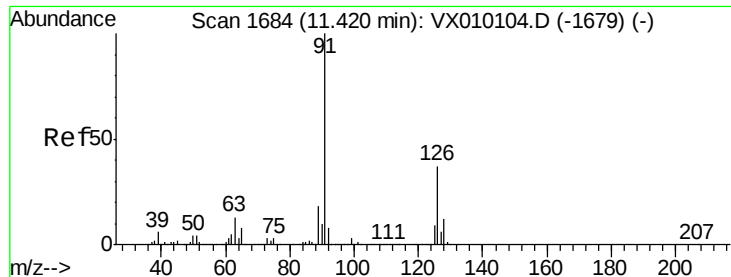
120 25.2 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.571 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX010241.D

Acq: 12 Jun 2019 11:00

Instrument :

MSVOA_X

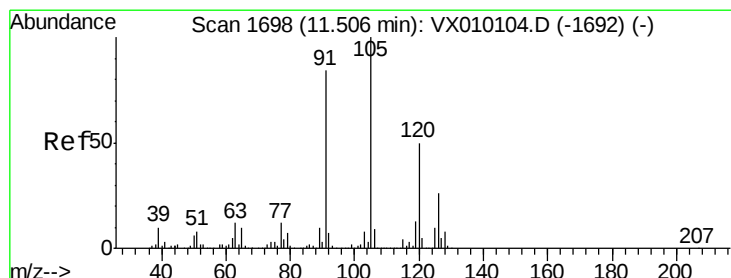
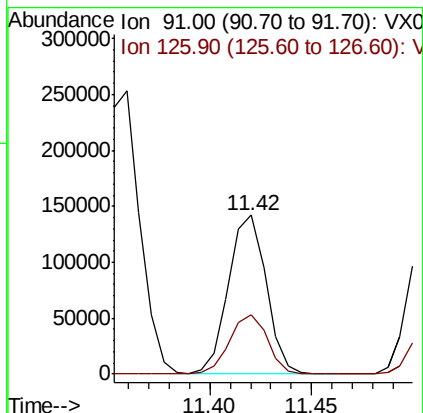
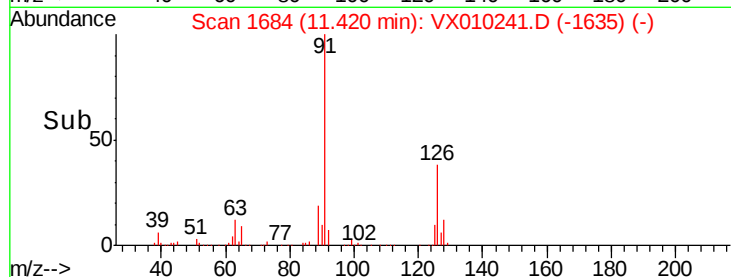
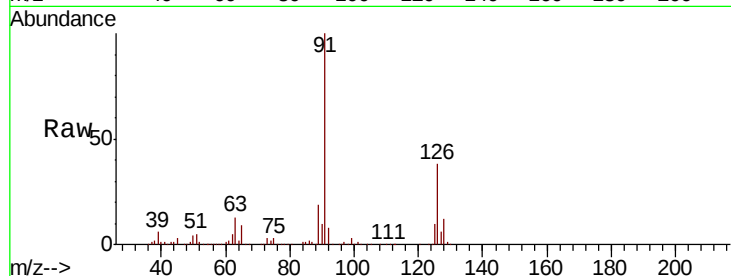
ClientSampled :

Tot Ion: 91 Resp: 180953

Ion Ratio Lower Upper

91 100

126 38.0 16.1 48.3



#80

1,3,5-Trimethylbenzene

Concen: 18.196 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010241.D

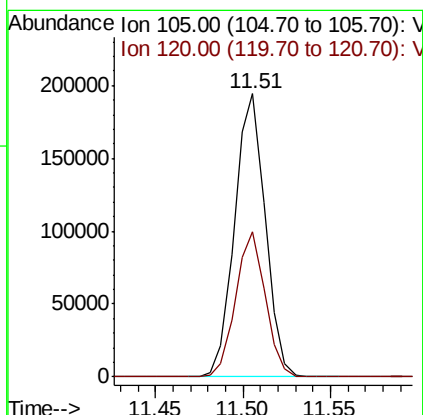
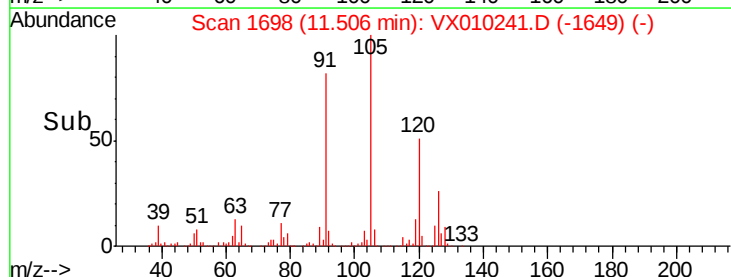
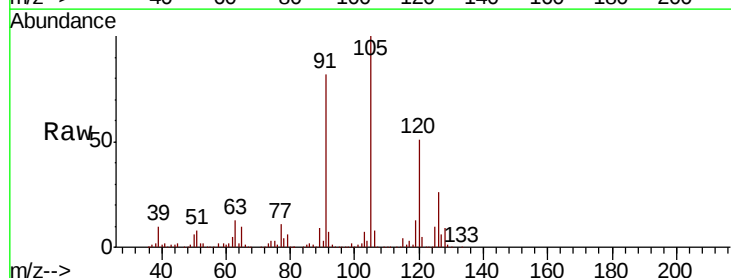
Acq: 12 Jun 2019 11:00

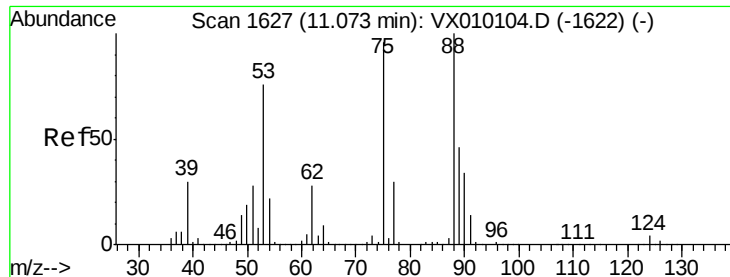
Tgt Ion: 105 Resp: 236051

Ion Ratio Lower Upper

105 100

120 49.7 24.1 72.3

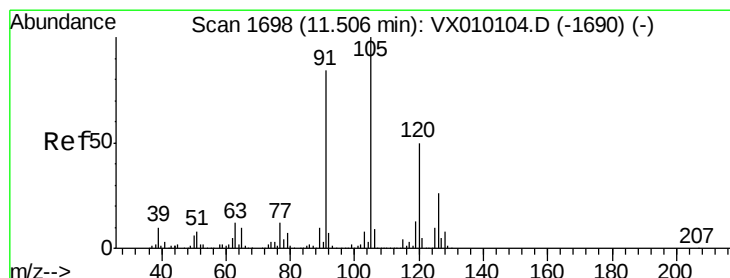
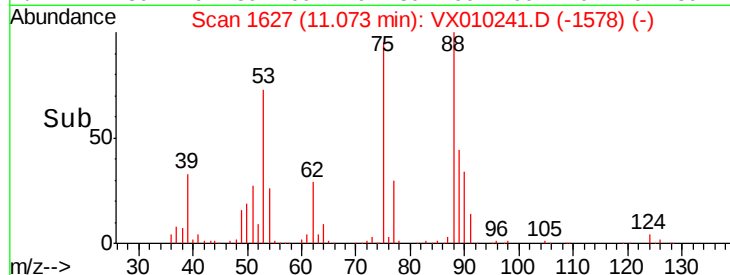
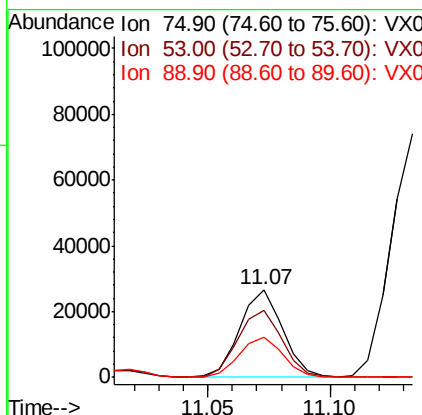
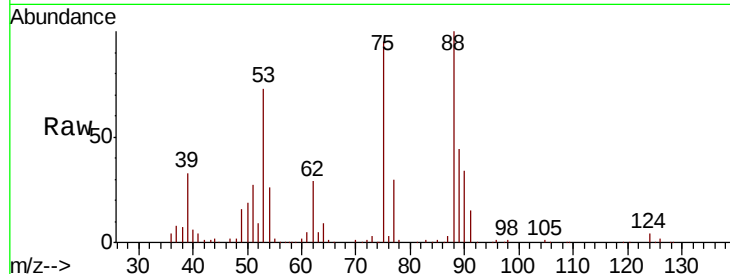




#81
trans-1,4-Dichloro-2-butene
Concen: 16.064 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX010241.D
Acq: 12 Jun 2019 11:00

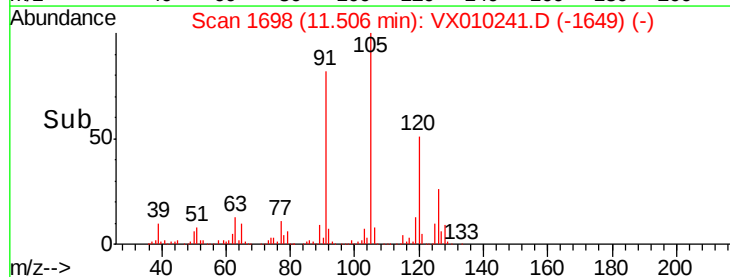
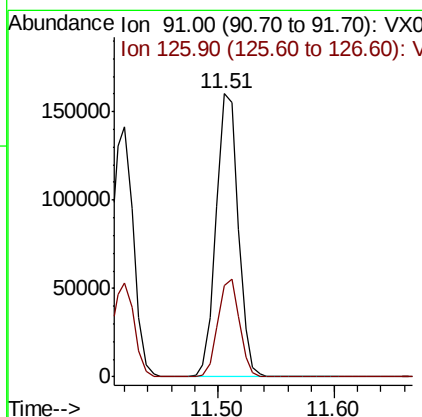
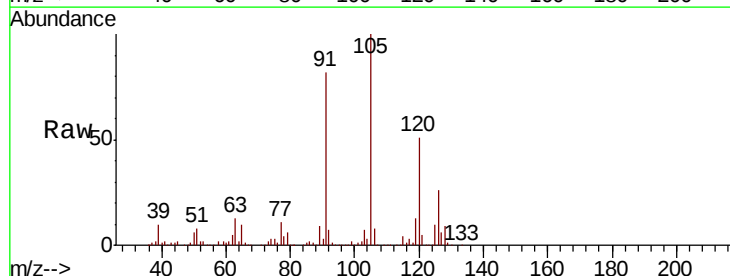
Instrument :
MSVOA_X
ClientSampleId :

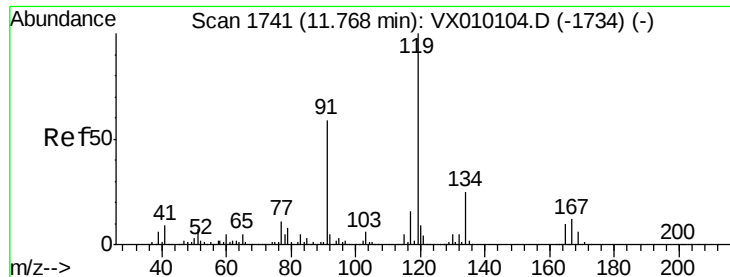
Tot Ion: 75 Resp: 32088
Ion Ratio Lower Upper
75 100
53 80.4 79.8 119.6
89 47.3 34.2 51.4



#82
4-Chlorotoluene
Concen: 17.863 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX010241.D
Acq: 12 Jun 2019 11:00

Tgt Ion: 91 Resp: 208978
Ion Ratio Lower Upper
91 100
126 33.6 14.2 42.6

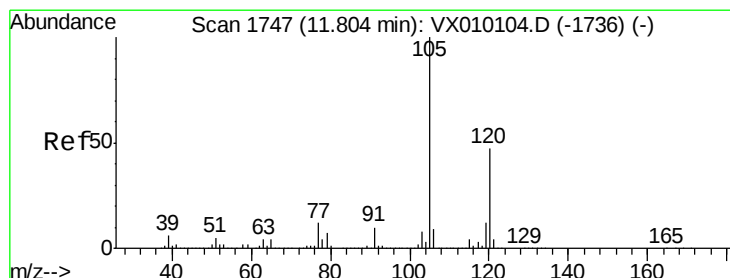
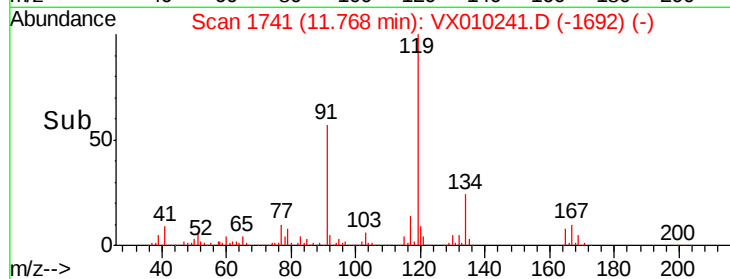
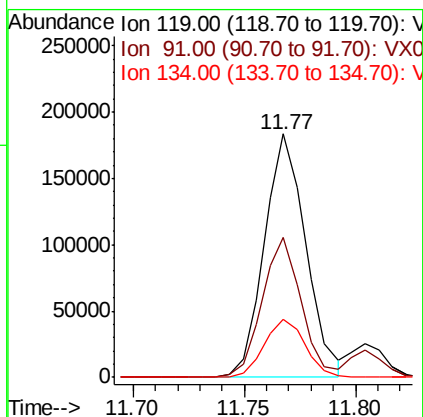
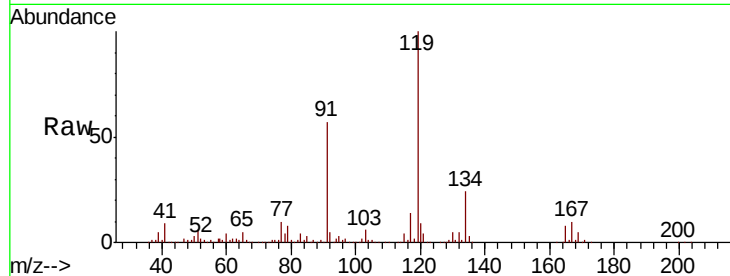




#83
 tert-Butylbenzene
 Concen: 18.062 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX010241.D
 Acq: 12 Jun 2019 11:00

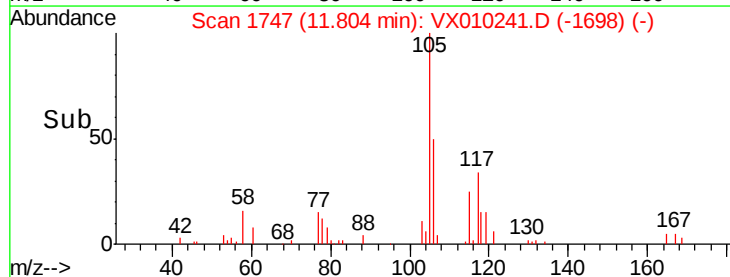
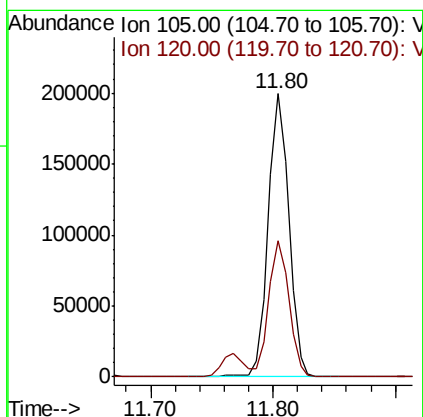
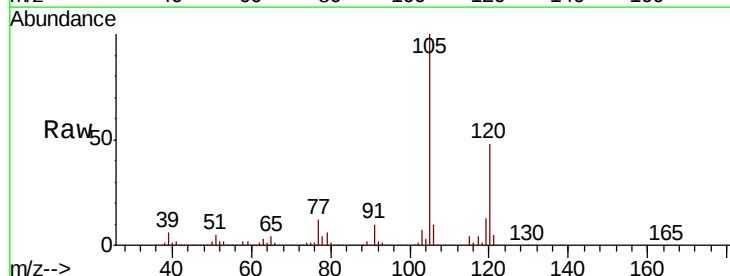
Instrument :
 MSVOA_X
 ClientSampled :

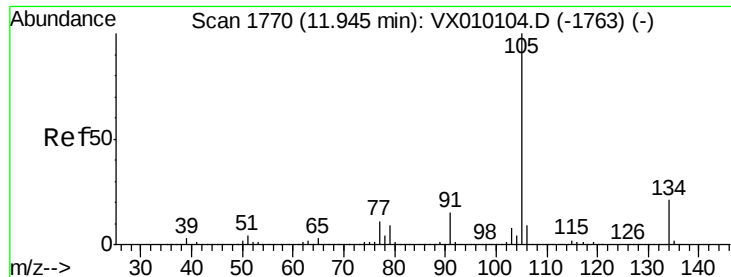
Tot Ion:119 Resp: 237163
 Ion Ratio Lower Upper
 119 100
 91 54.1 30.0 90.0
 134 23.6 11.2 33.5



#84
 1,2,4-Trimethylbenzene
 Concen: 17.956 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX010241.D
 Acq: 12 Jun 2019 11:00

Tgt Ion:105 Resp: 235285
 Ion Ratio Lower Upper
 105 100
 120 47.7 22.1 66.1





#85

sec-Butylbenzene

Concen: 18.236 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010241.D

Acq: 12 Jun 2019 11:00

Instrument :

MSVOA_X

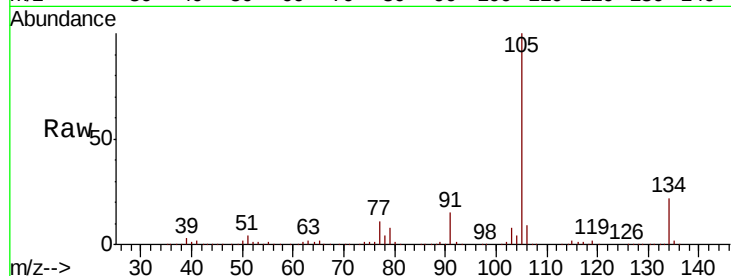
ClientSampled :

Tot Ion:105 Resp: 278954

Ion Ratio Lower Upper

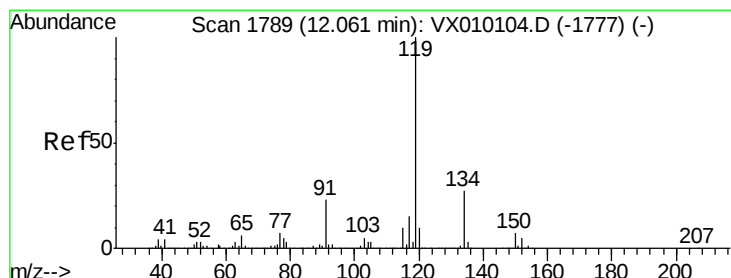
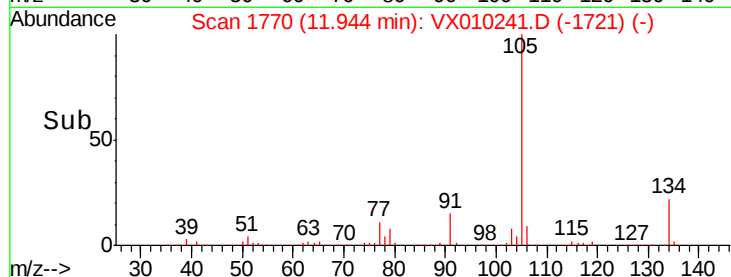
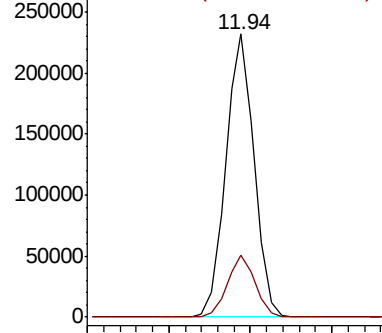
105 100

134 21.5 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: 18.512 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010241.D

Acq: 12 Jun 2019 11:00

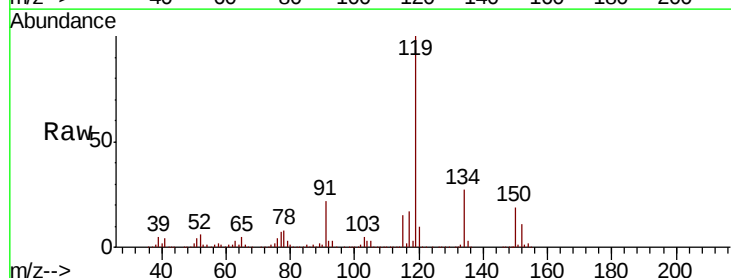
Tgt Ion:119 Resp: 258884

Ion Ratio Lower Upper

119 100

134 27.5 12.9 38.6

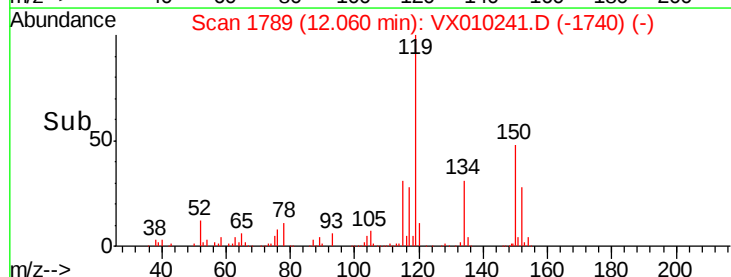
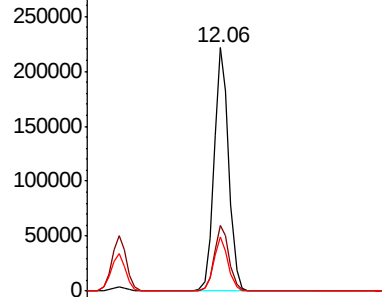
91 21.8 11.9 35.9

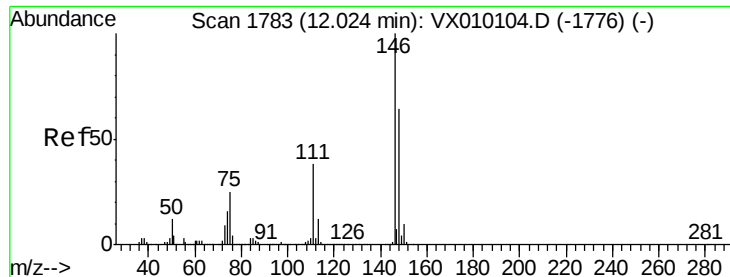


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

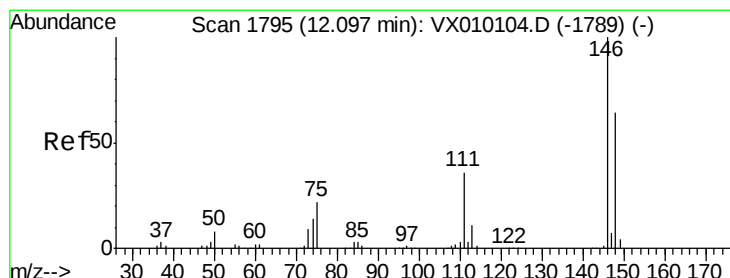
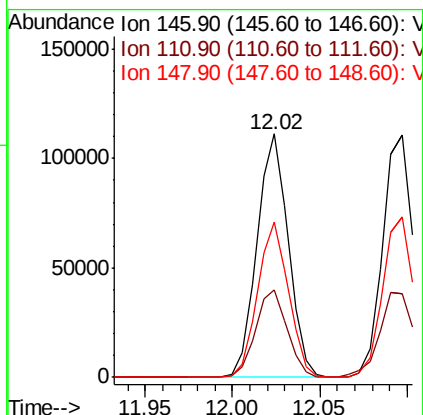
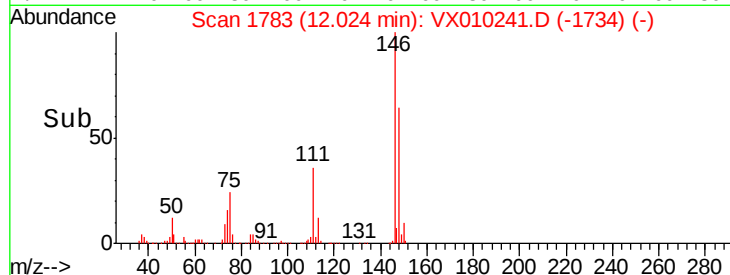
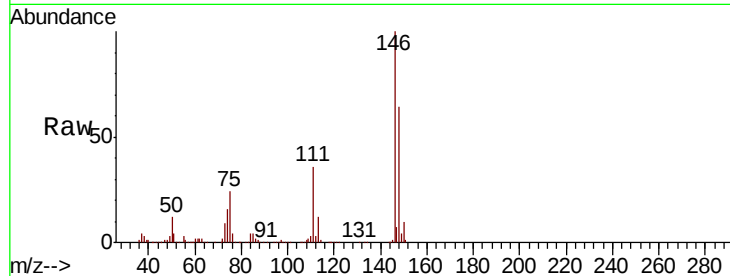




#87
 1,3-Dichlorobenzene
 Concen: 18.517 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX010241.D
 Acq: 12 Jun 2019 11:00

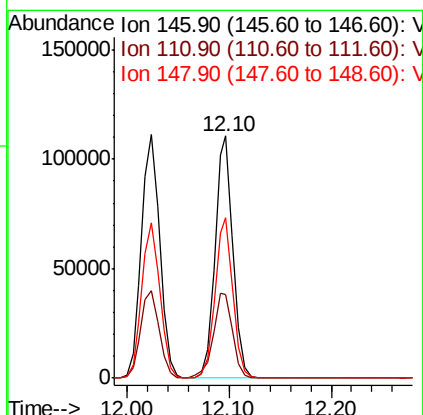
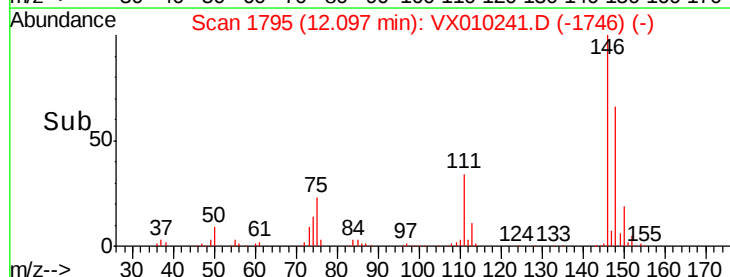
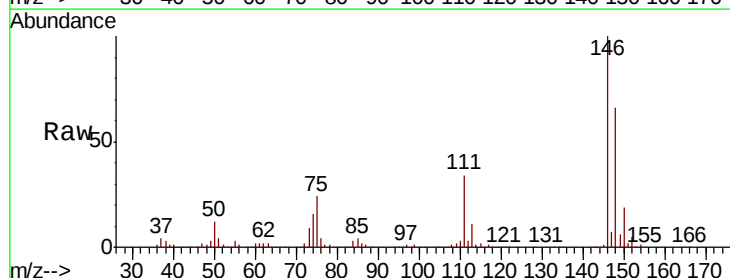
Instrument :
 MSVOA_X
 ClientSampleId :

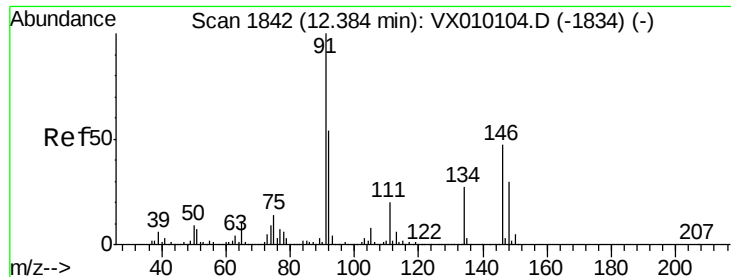
Tot Ion	Ratio	Lower	Upper
146	100		
111	36.5	20.1	60.2
148	63.0	31.9	95.5



#88
 1,4-Dichlorobenzene
 Concen: 18.127 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX010241.D
 Acq: 12 Jun 2019 11:00

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	20.0	59.9
148	66.1	32.3	96.9





#89

n-Butylbenzene

Concen: 18.243 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX010241.D

Acq: 12 Jun 2019 11:00

Instrument :

MSVOA_X

ClientSampleId :

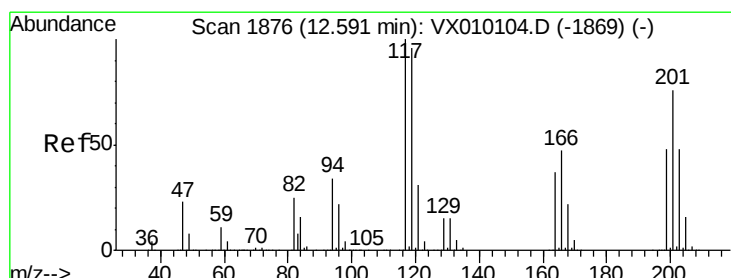
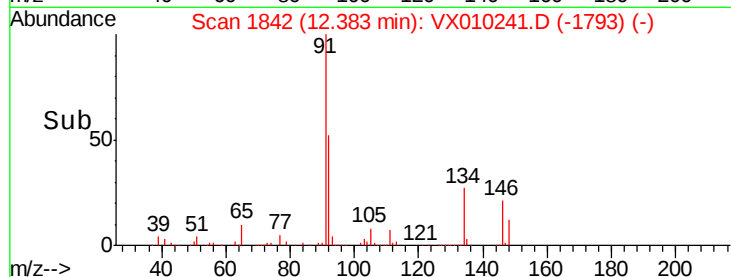
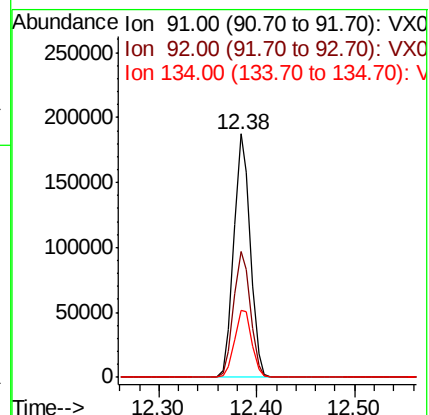
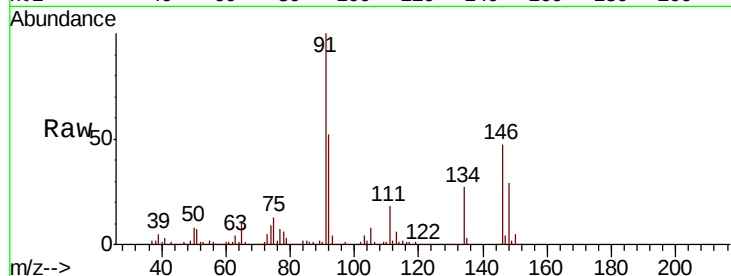
Tot Ion: 91 Resp: 219601

Ion Ratio Lower Upper

91 100

92 53.0 26.3 78.8

134 28.6 12.3 36.8



#90

Hexachloroethane

Concen: 16.722 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.01 min

Lab File: VX010241.D

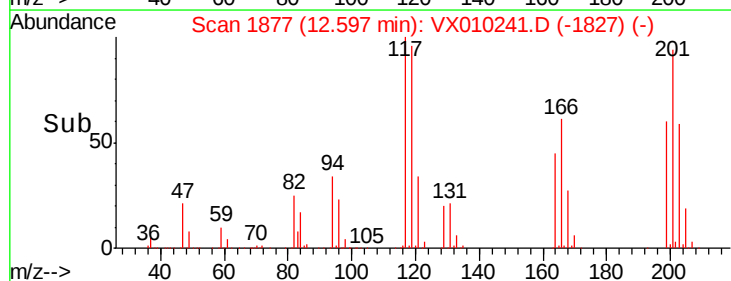
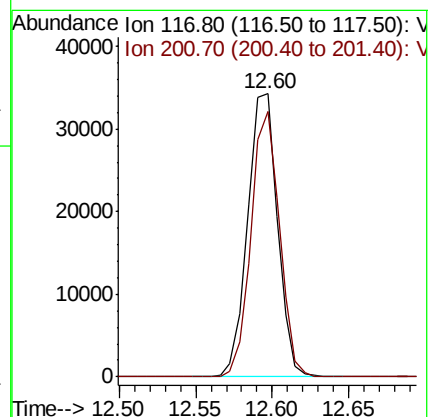
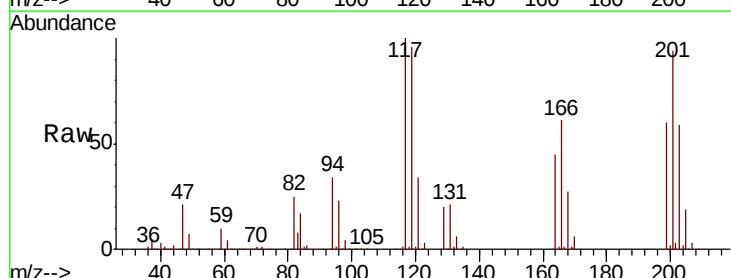
Acq: 12 Jun 2019 11:00

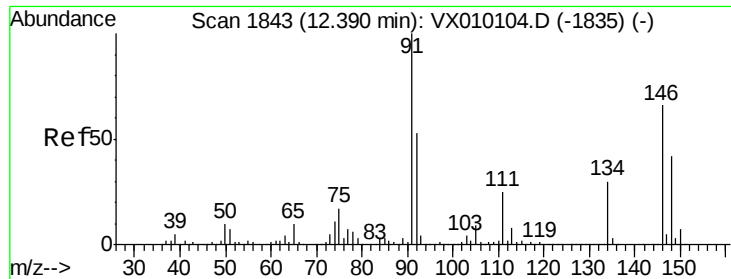
Tgt Ion: 117 Resp: 46583

Ion Ratio Lower Upper

117 100

201 88.9 43.6 130.9





#91

1,2-Dichlorobenzene

Concen: 18.913 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX010241.D

Acq: 12 Jun 2019 11:00

Instrument :

MSVOA_X

ClientSampleId :

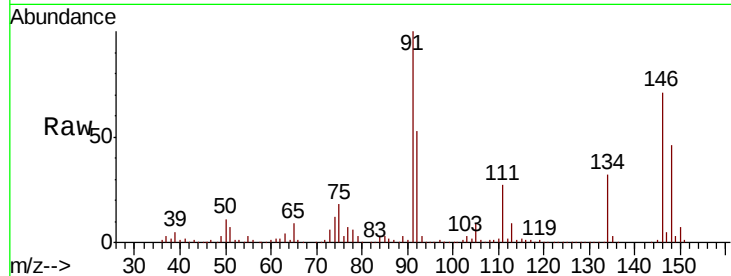
Tot Ion:146 Resp: 137173

Ion Ratio Lower Upper

146 100

111 37.7 21.1 63.1

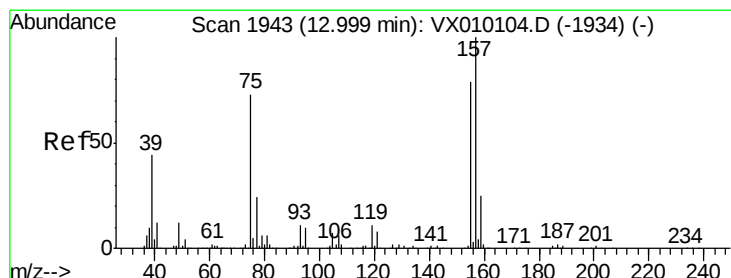
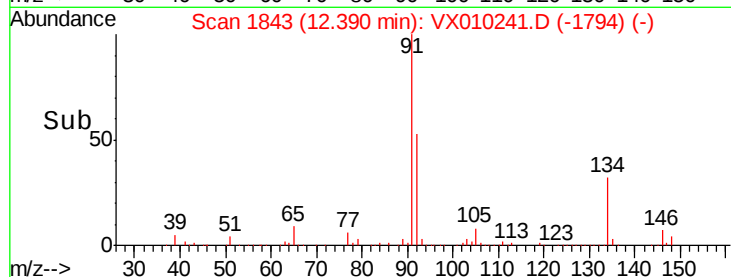
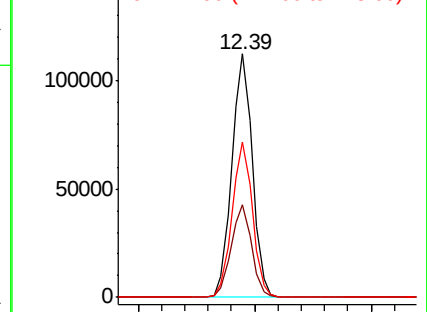
148 63.6 32.3 96.8



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: 16.103 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX010241.D

Acq: 12 Jun 2019 11:00

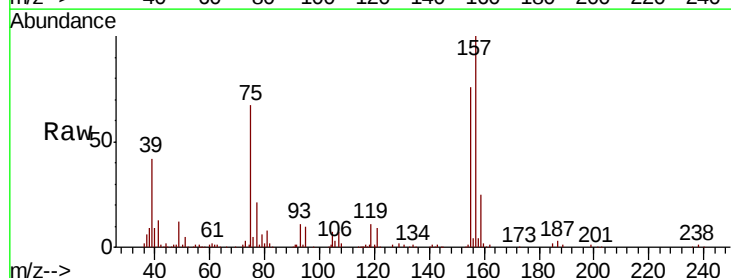
Tgt Ion: 75 Resp: 19979

Ion Ratio Lower Upper

75 100

155 108.5 39.3 117.8

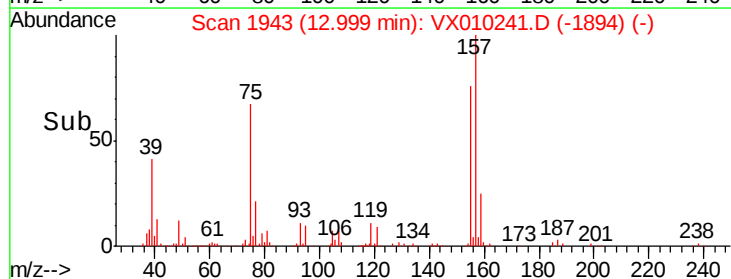
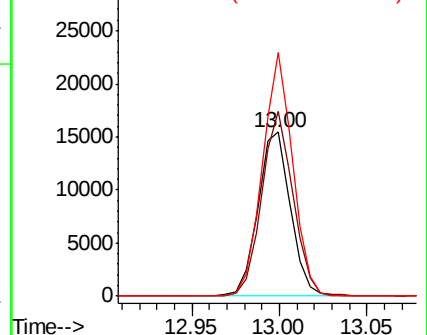
157 137.1 50.6 151.8



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

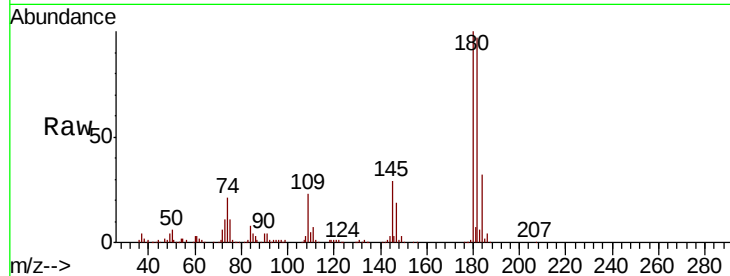




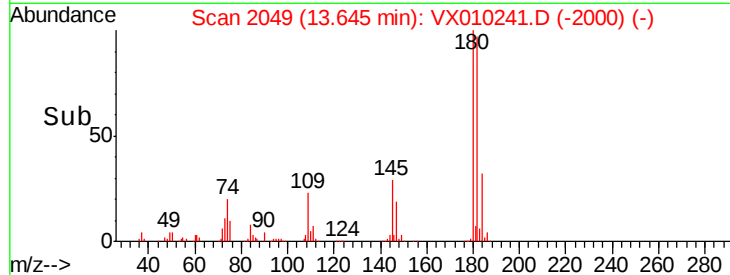
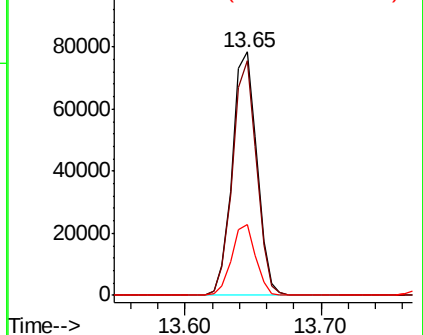
#93
 1,2,4-Trichlorobenzene
 Concen: 18.623 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX010241.D
 Acq: 12 Jun 2019 11:00

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:180 Resp: 98870
 Ion Ratio Lower Upper
 180 100
 182 94.2 47.4 142.2
 145 28.6 14.5 43.5

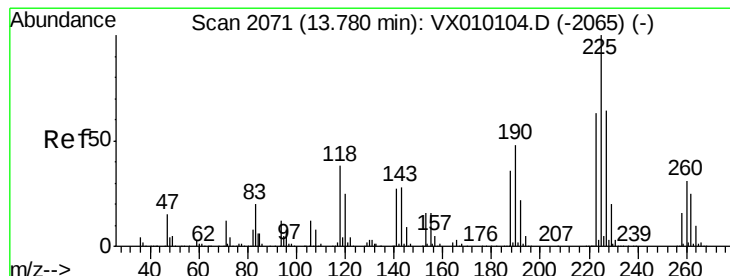


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

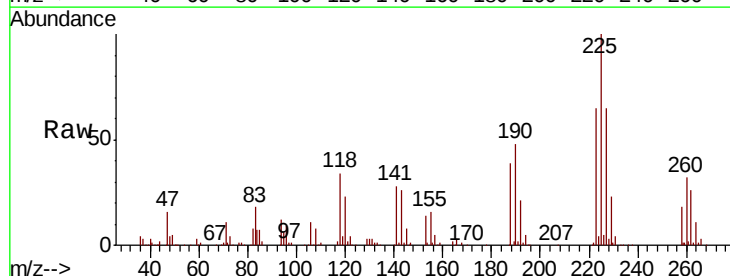
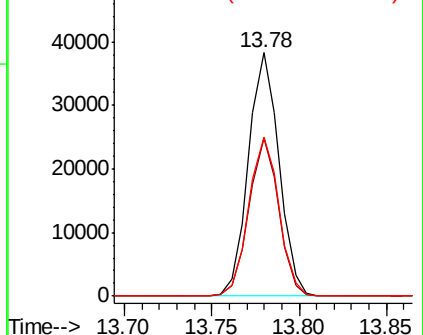


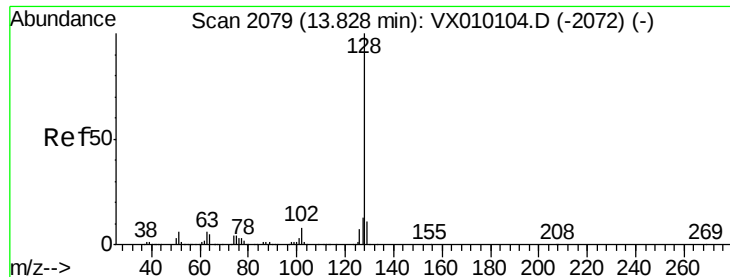
#94
 Hexachlorobutadiene
 Concen: 19.697 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX010241.D
 Acq: 12 Jun 2019 11:00

Tgt Ion:225 Resp: 46508
 Ion Ratio Lower Upper
 225 100
 223 62.9 31.3 93.8
 227 64.7 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: 17.889 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.01 min

Lab File: VX010241.D

Acq: 12 Jun 2019 11:00

Instrument :

MSVOA_X

ClientSampleId :

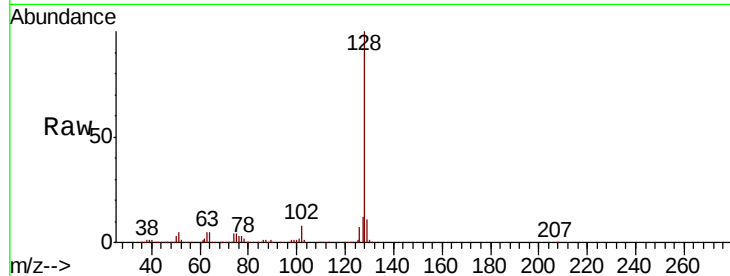
Tot Ion:128 Resp: 298971

Ion Ratio Lower Upper

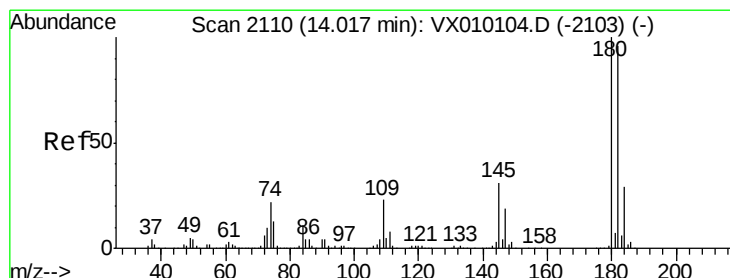
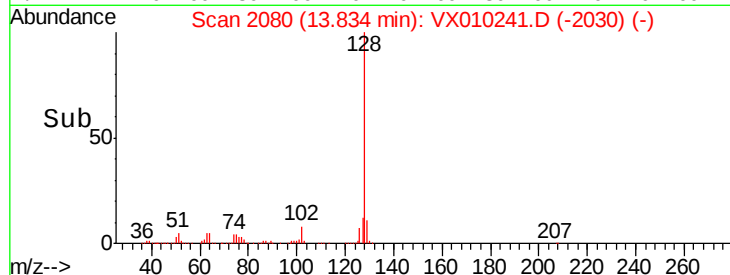
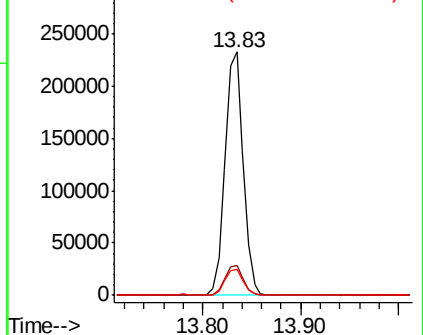
128 100

127 12.6 10.6 16.0

129 11.1 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: 19.193 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX010241.D

Acq: 12 Jun 2019 11:00

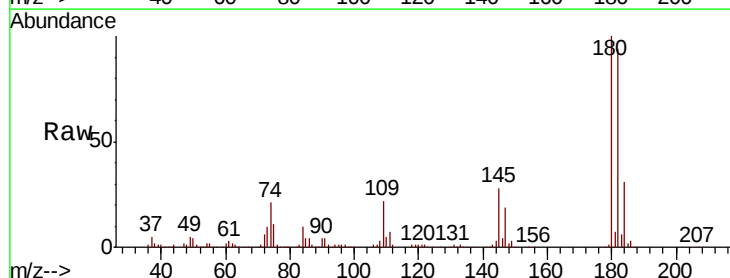
Tgt Ion:180 Resp: 100752

Ion Ratio Lower Upper

180 100

182 94.0 47.3 142.0

145 29.3 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

