

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070819\
 Data File : VX010689.D
 Acq On : 08 Jul 2019 12:42
 Operator : JC/SP
 Sample : VX0708WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0708WBS01

Quant Time: Jul 09 01:06:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	223725	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	333890	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	303935	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	157410	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	108923	51.93	ug/l	0.00
Spiked Amount			Recovery	=	103.86%	
35) Dibromofluoromethane	5.49	113	104115	50.97	ug/l	0.00
Spiked Amount			Recovery	=	101.94%	
50) Toluene-d8	8.71	98	381490	48.81	ug/l	0.00
Spiked Amount			Recovery	=	97.62%	
62) 4-Bromofluorobenzene	11.13	95	139327	49.38	ug/l	0.00
Spiked Amount			Recovery	=	98.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	37337	24.005	ug/l	98
3) Chloromethane	1.32	50	39475	21.795	ug/l	97
4) Vinyl Chloride	1.41	62	42325	21.336	ug/l	99
5) Bromomethane	1.64	94	24609	25.463	ug/l	99
6) Chloroethane	1.72	64	26851	22.942	ug/l	97
7) Trichlorofluoromethane	1.93	101	71688	22.796	ug/l	98
8) Diethyl Ether	2.19	74	24695	21.897	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	41352	21.699	ug/l	98
10) Methyl Iodide	2.51	142	47648	17.519	ug/l	98
11) Tert butyl alcohol	3.04	59	50283	91.609	ug/l	97
12) 1,1-Dichloroethene	2.37	96	40827	21.054	ug/l	97
13) Acrolein	2.29	56	30577	83.976	ug/l	98
14) Allyl chloride	2.73	41	58110	21.107	ug/l	97
15) Acrylonitrile	3.14	53	116448	107.154	ug/l	99
16) Acetone	2.44	43	99204	94.365	ug/l	100
17) Carbon Disulfide	2.57	76	101716	19.551	ug/l	99
18) Methyl Acetate	2.77	43	45541	21.735	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	129680	21.257	ug/l	100
20) Methylene Chloride	2.85	84	46301	21.401	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	42521	20.388	ug/l	96
22) Diisopropyl ether	3.86	45	122267	21.241	ug/l	88
23) Vinyl Acetate	3.81	43	536903	107.971	ug/l	99
24) 1,1-Dichloroethane	3.70	63	70650	21.234	ug/l	98
25) 2-Butanone	4.67	43	153336	99.434	ug/l	99
26) 2,2-Dichloropropane	4.59	77	57017	19.727	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	49989	20.741	ug/l	99
28) Bromochloromethane	5.01	49	31408	19.743	ug/l	96
29) Tetrahydrofuran	5.13	42	99392	104.056	ug/l	99
30) Chloroform	5.21	83	76019	21.235	ug/l	97
31) Cyclohexane	5.58	56	65523	21.625	ug/l	91
32) 1,1,1-Trichloroethane	5.49	97	66885	21.159	ug/l	99
36) 1,1-Dichloropropene	5.80	75	54172	20.417	ug/l	99
37) Ethyl Acetate	4.83	43	58715	21.511	ug/l	100
38) Carbon Tetrachloride	5.79	117	57799	20.117	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	71625	20.537	ug/l	96
40) Benzene	6.14	78	174413	21.100	ug/l	99
41) Methacrylonitrile	5.04	41	31416	20.977	ug/l	97
42) 1,2-Dichloroethane	6.19	62	57387	22.807	ug/l	99
43) Isopropyl Acetate	6.44	43	93387	20.679	ug/l	98
44) Trichloroethene	7.21	130	50783	20.531	ug/l	99
45) 1,2-Dichloropropane	7.51	63	43732	20.950	ug/l	96
46) Dibromomethane	7.66	93	31615	21.109	ug/l	99
47) Bromodichloromethane	7.90	83	54898	20.001	ug/l	97
48) Methyl methacrylate	7.77	41	44325	21.116	ug/l	97
49) 1,4-Dioxane	7.74	88	24880	411.442	ug/l	95
51) 4-Methyl-2-Pentanone	8.64	43	306833	106.234	ug/l	99
52) Toluene	8.78	92	112720	20.707	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	59023	19.181	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	67385	20.151	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	46697	20.800	ug/l	99
56) Ethyl methacrylate	9.18	69	68553	20.157	ug/l	96
57) 1,3-Dichloropropane	9.37	76	72348	20.760	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	148359	91.851	ug/l	100
59) 2-Hexanone	9.49	43	236031	103.833	ug/l	98
60) Dibromochloromethane	9.58	129	48554	19.316	ug/l	99
61) 1,2-Dibromoethane	9.67	107	50136	20.689	ug/l	99
64) Tetrachloroethene	9.34	164	49738	20.233	ug/l	98
65) Chlorobenzene	10.13	112	127619	20.682	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	45744	20.352	ug/l	99
67) Ethyl Benzene	10.25	91	214738	20.614	ug/l	99
68) m/p-Xylenes	10.36	106	167504	41.499	ug/l	99
69) o-Xylene	10.69	106	81638	20.567	ug/l	99
70) Styrene	10.71	104	138885	20.864	ug/l	99
71) Bromoform	10.85	173	35830	18.331	ug/l #	100
73) Isopropylbenzene	11.02	105	219626	20.583	ug/l	98
74) N-amyl acetate	10.90	43	83258	20.646	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	72309	20.462	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	77867	27.146	ug/l	80
77) Bromobenzene	11.25	156	58839	19.748	ug/l	97
78) n-propylbenzene	11.36	91	239321	20.407	ug/l	99
79) 2-Chlorotoluene	11.42	91	141677	20.288	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	181867	20.675	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	20592	16.748	ug/l	91
82) 4-Chlorotoluene	11.51	91	161998	20.387	ug/l	100
83) tert-Butylbenzene	11.77	119	177859	20.145	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	182245	20.621	ug/l	99
85) sec-Butylbenzene	11.94	105	211507	20.403	ug/l	99
86) p-Isopropyltoluene	12.06	119	193218	20.151	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	103904	19.978	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	105404	19.907	ug/l	98
89) n-Butylbenzene	12.38	91	162208	19.908	ug/l	99
90) Hexachloroethane	12.60	117	29614	17.861	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	103907	20.102	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	14721	19.321	ug/l	90

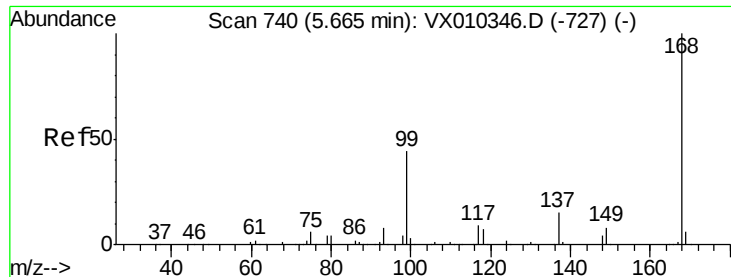
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070819\
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Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	69093	19.275	ug/l	99
94) Hexachlorobutadiene	13.78	225	34315	19.587	ug/l	99
95) Naphthalene	13.83	128	210641	19.122	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	70641	19.820	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010689.D

Acq: 08 Jul 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

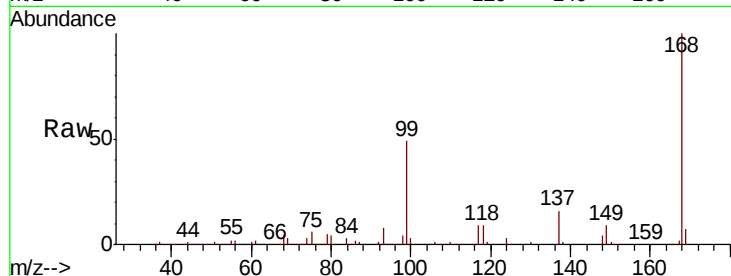
VX0708WBS01

Tot Ion:168 Resp: 223725

Ion Ratio Lower Upper

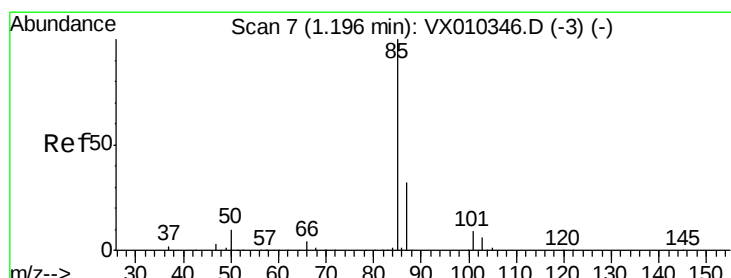
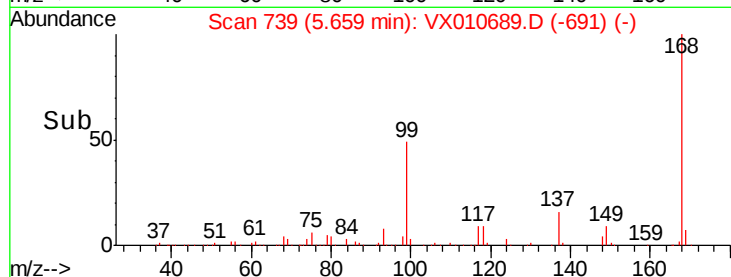
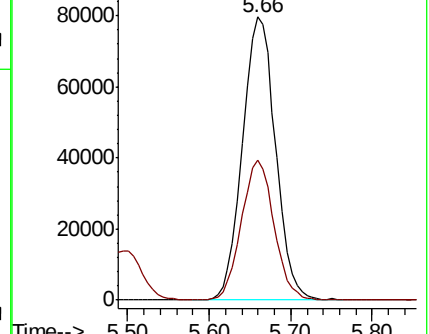
168 100

99 49.2 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 24.005 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010689.D

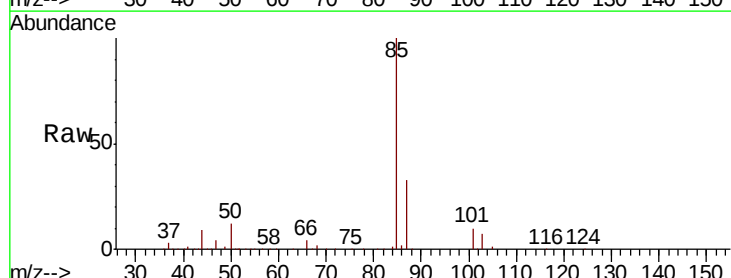
Acq: 08 Jul 2019 12:42

Tgt Ion: 85 Resp: 37337

Ion Ratio Lower Upper

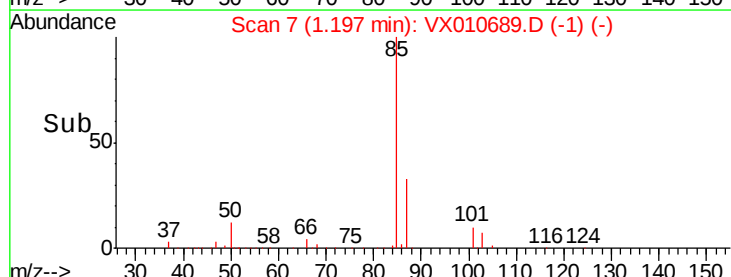
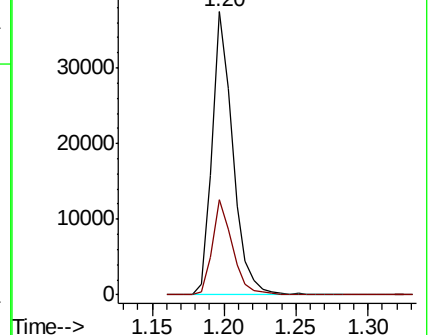
85 100

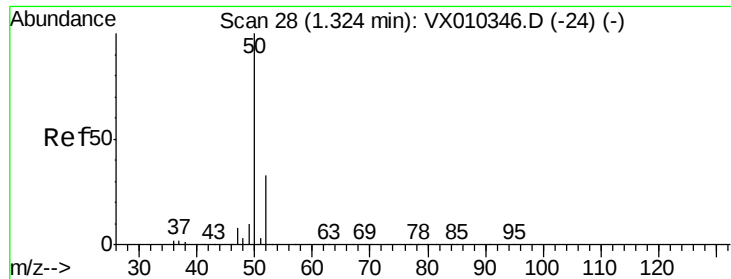
87 33.4 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 21.795 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010689.D

Acq: 08 Jul 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

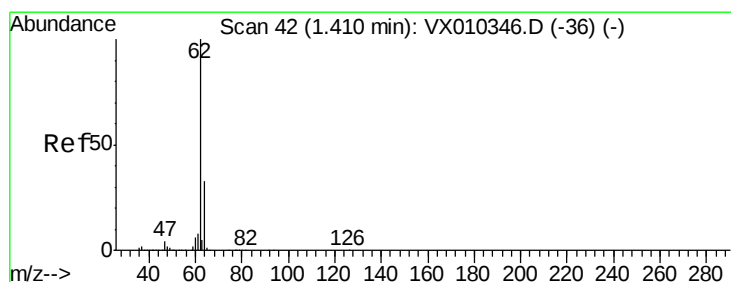
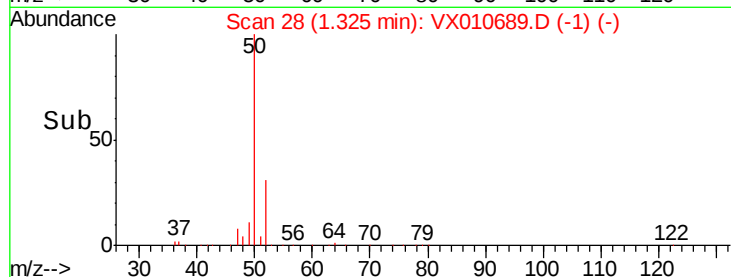
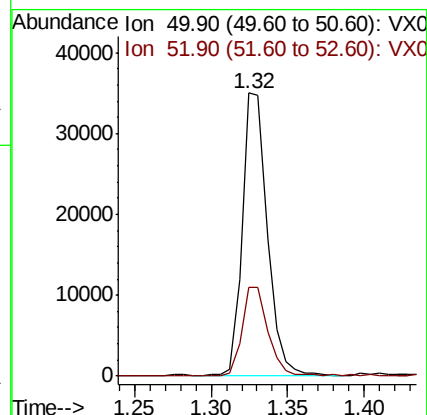
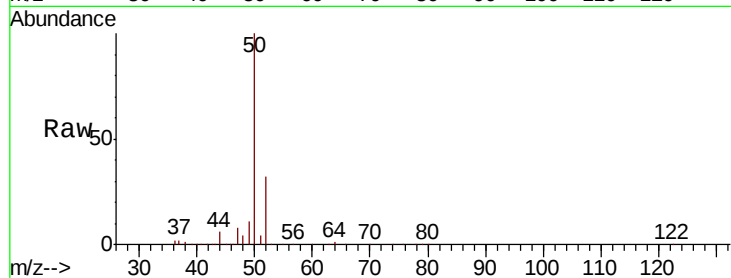
VX0708WBS01

Tot Ion: 50 Resp: 39475

Ion Ratio Lower Upper

50 100

52 31.4 26.5 39.7



#4

Vinyl Chloride

Concen: 21.336 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010689.D

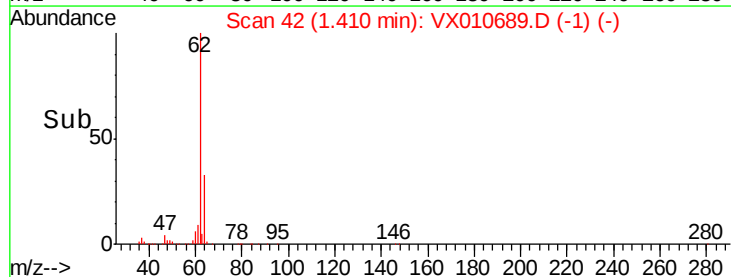
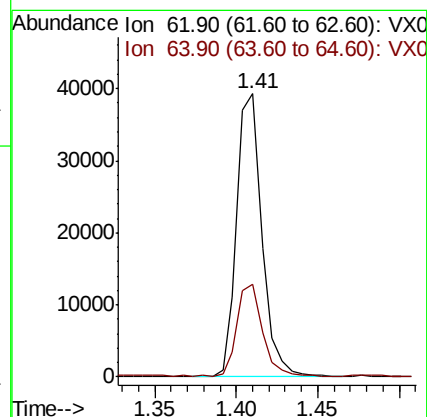
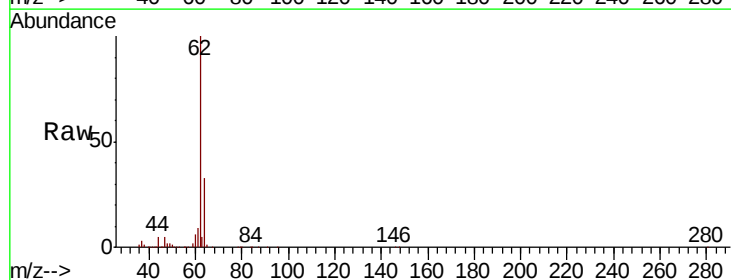
Acq: 08 Jul 2019 12:42

Tgt Ion: 62 Resp: 42325

Ion Ratio Lower Upper

62 100

64 32.3 26.2 39.4





#5

Bromomethane

Concen: 25.463 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010689.D

Acq: 08 Jul 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

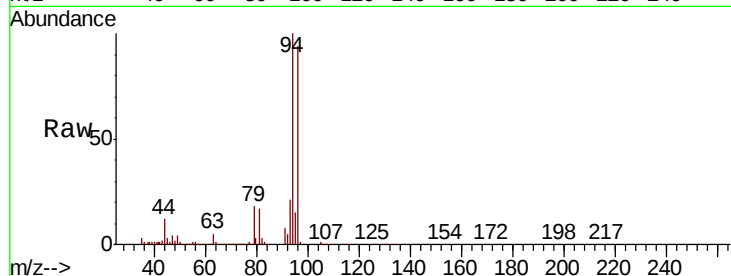
VX0708WBS01

Tot Ion: 94 Resp: 24609

Ion Ratio Lower Upper

94 100

96 93.4 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

25000

20000

15000

10000

5000

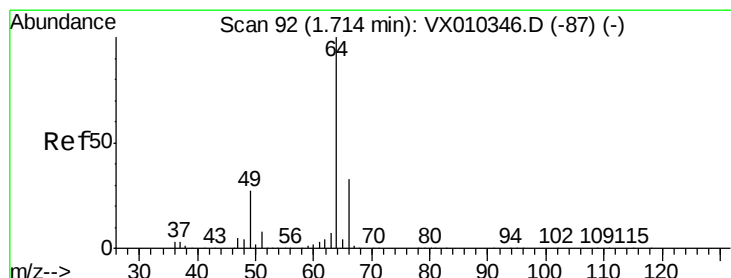
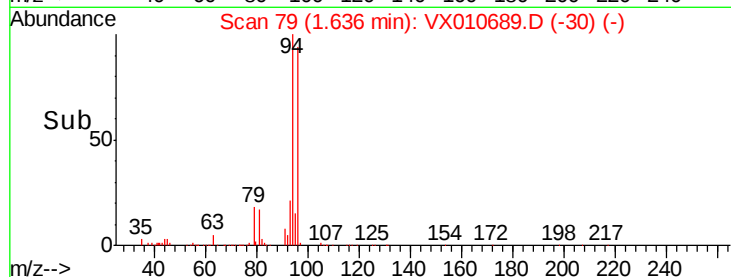
0

Time-->

1.60

1.65

1.70



#6

Chloroethane

Concen: 22.942 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX010689.D

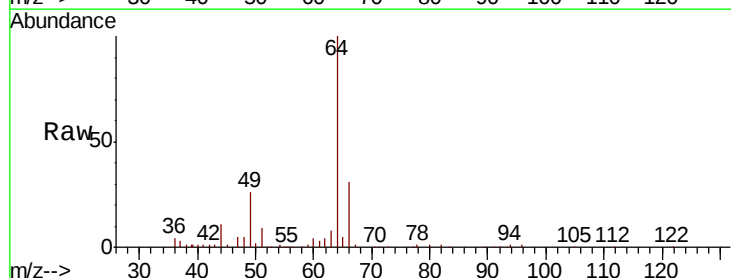
Acq: 08 Jul 2019 12:42

Tgt Ion: 64 Resp: 26851

Ion Ratio Lower Upper

64 100

66 31.7 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

20000

15000

10000

5000

0

Time-->

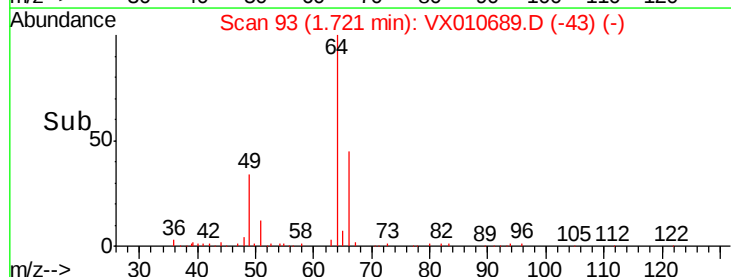
1.65

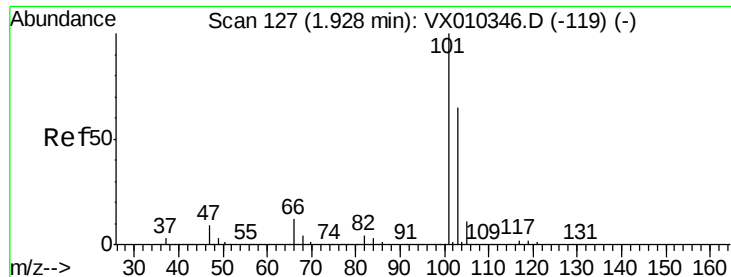
1.70

1.75

1.80

1.85



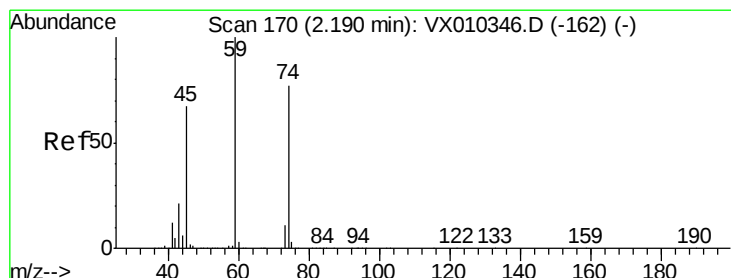
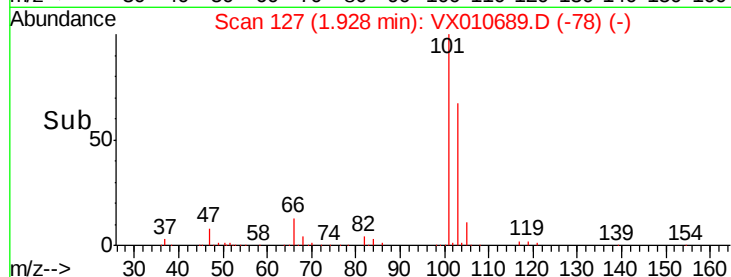
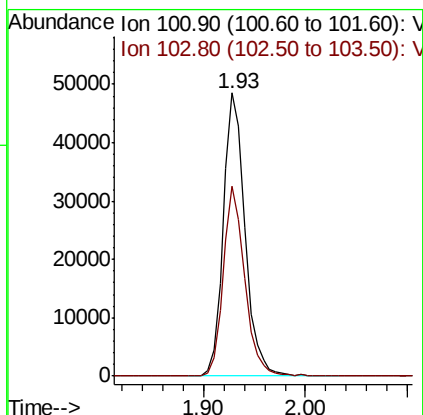
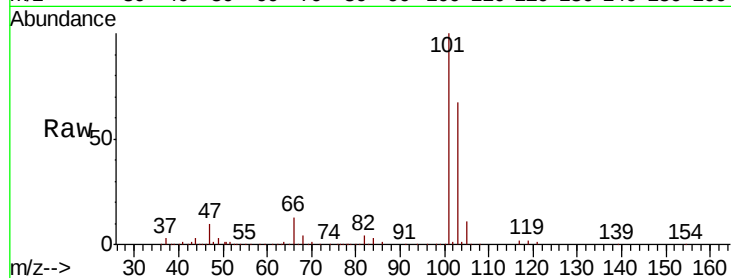


#7

Trichlorofluoromethane
 Concen: 22.796 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.00 min
 Lab File: VX010689.D
 Acq: 08 Jul 2019 12:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0708WBS01

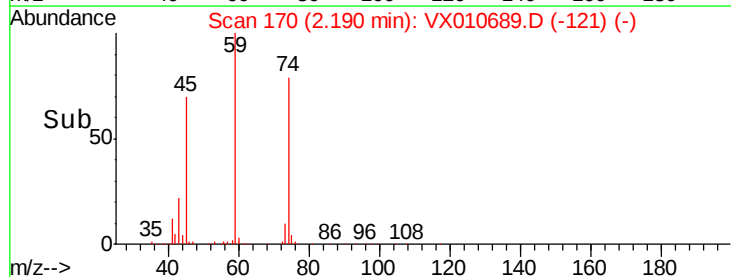
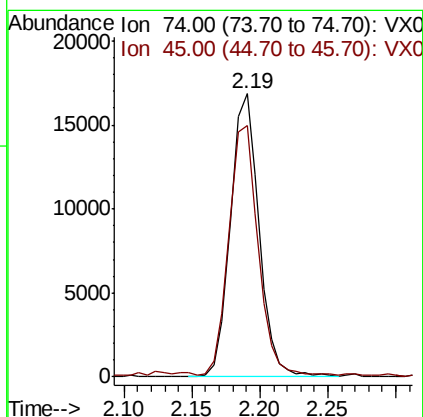
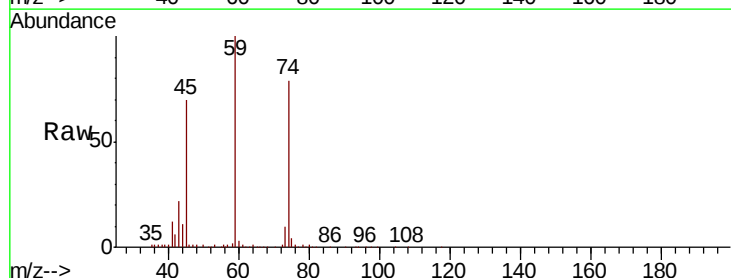
Tot Ion:101 Resp: 71688
 Ion Ratio Lower Upper
 101 100
 103 67.2 52.3 78.5

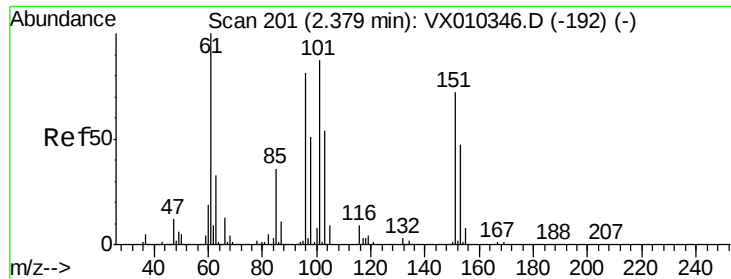


#8

Diethyl Ether
 Concen: 21.897 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX010689.D
 Acq: 08 Jul 2019 12:42

Tgt Ion: 74 Resp: 24695
 Ion Ratio Lower Upper
 74 100
 45 89.3 44.8 134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.699 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX010689.D

Acq: 08 Jul 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBS01

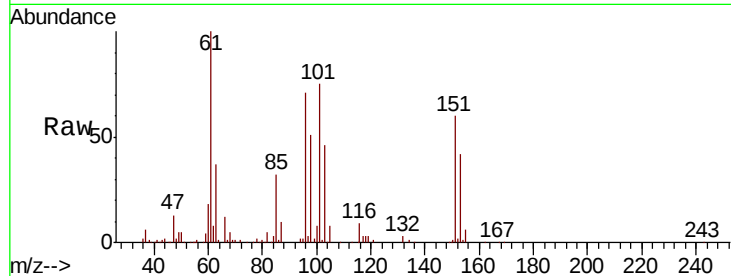
Tot Ion:101 Resp: 41352

Ion Ratio Lower Upper

101 100

85 42.7 33.7 50.5

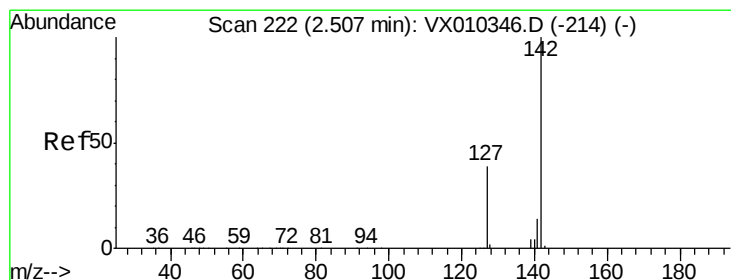
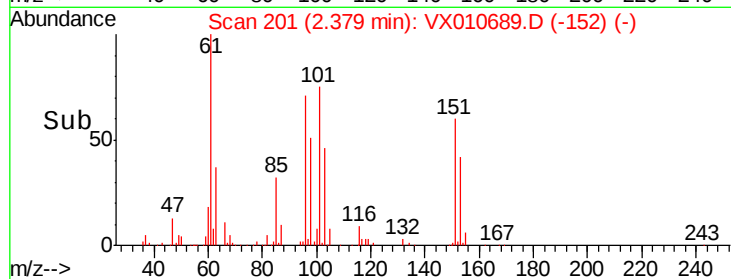
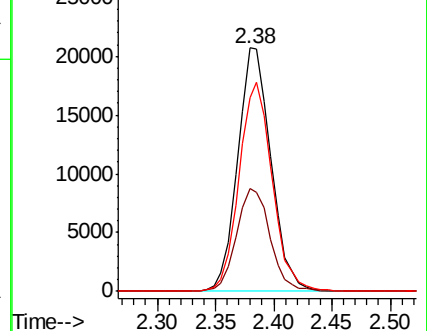
151 85.3 70.1 105.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.519 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX010689.D

Acq: 08 Jul 2019 12:42

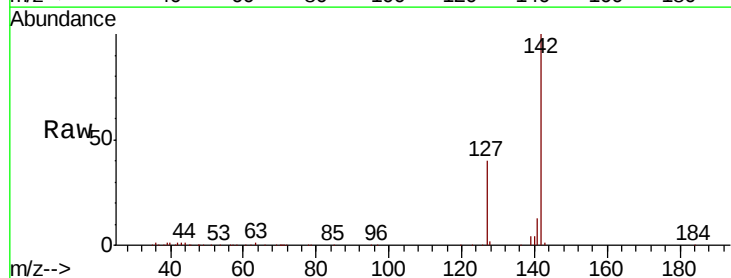
Tgt Ion:142 Resp: 47648

Ion Ratio Lower Upper

142 100

127 40.5 31.1 46.7

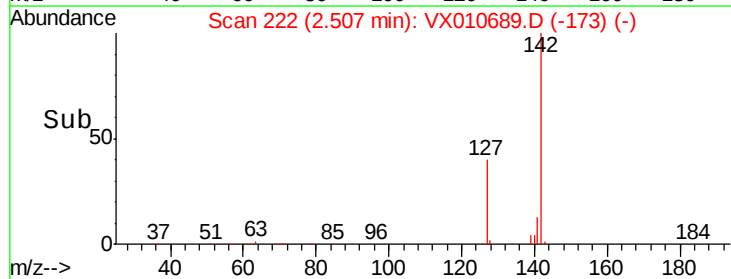
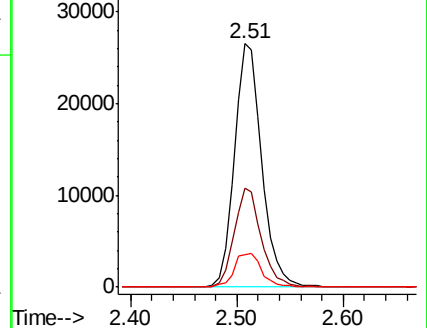
141 14.1 11.2 16.8



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



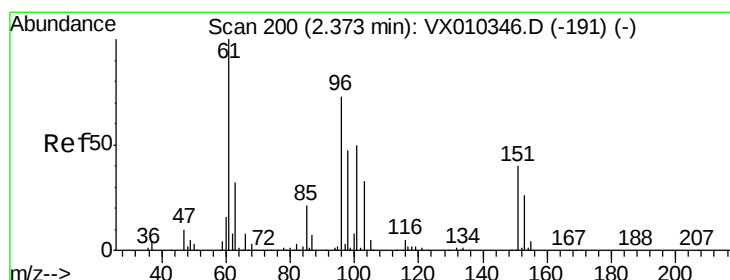
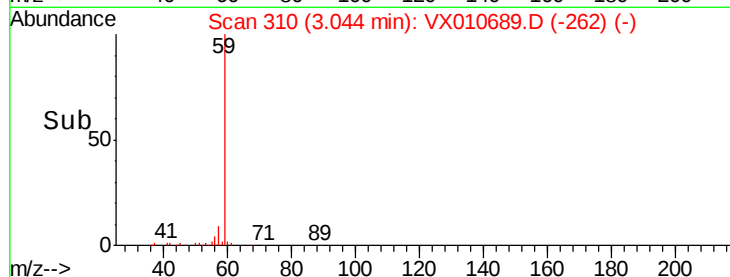
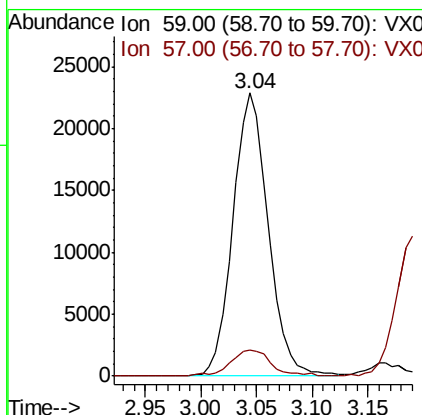
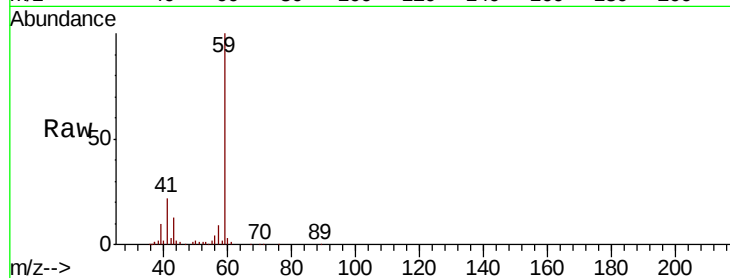


#11

Tert butyl alcohol
 Concen: 91.609 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. -0.01 min
 Lab File: VX010689.D
 Acq: 08 Jul 2019 12:42

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0708WBS01

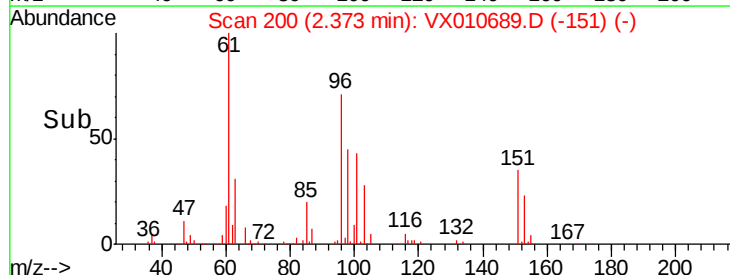
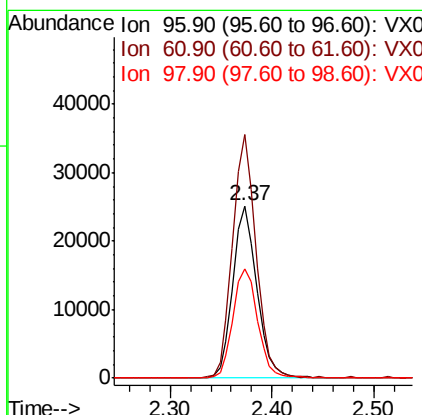
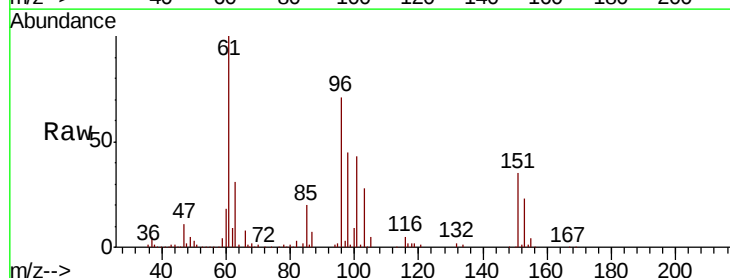
Tot Ion: 59 Resp: 50283
 Ion Ratio Lower Upper
 59 100
 57 10.7 7.7 11.5



#12

1,1-Dichloroethene
 Concen: 21.054 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.00 min
 Lab File: VX010689.D
 Acq: 08 Jul 2019 12:42

Tgt Ion: 96 Resp: 40827
 Ion Ratio Lower Upper
 96 100
 61 141.4 109.2 163.8
 98 63.7 51.1 76.7





#13

Acrolein

Concen: 83.976 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010689.D

Acq: 08 Jul 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

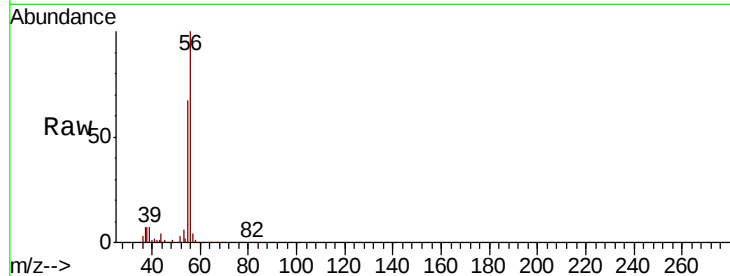
VX0708WBS01

Tot Ion: 56 Resp: 30577

Ion Ratio Lower Upper

56 100

55 69.3 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

20000

15000

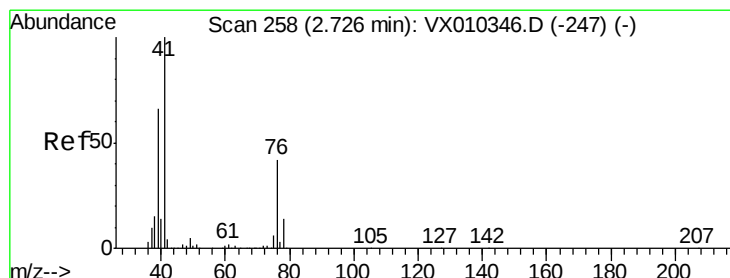
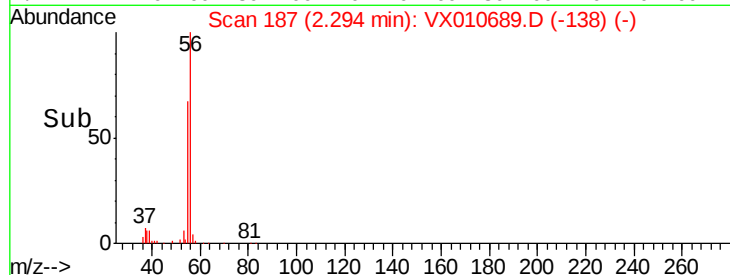
10000

5000

0

Time-->

2.20 2.25 2.30 2.35 2.40



#14

Allyl chloride

Concen: 21.107 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010689.D

Acq: 08 Jul 2019 12:42

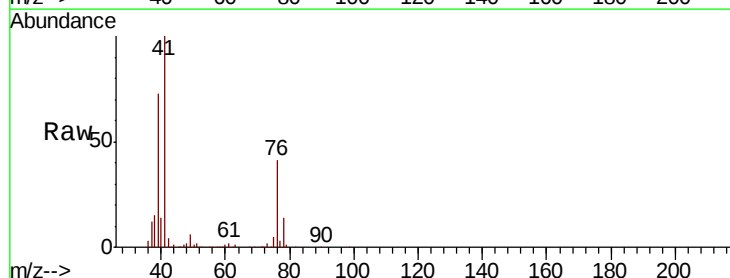
Tgt Ion: 41 Resp: 58110

Ion Ratio Lower Upper

41 100

39 65.6 50.3 75.5

76 37.6 31.3 46.9



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

80000

60000

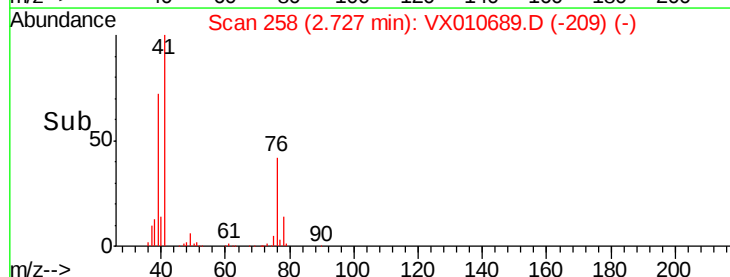
40000

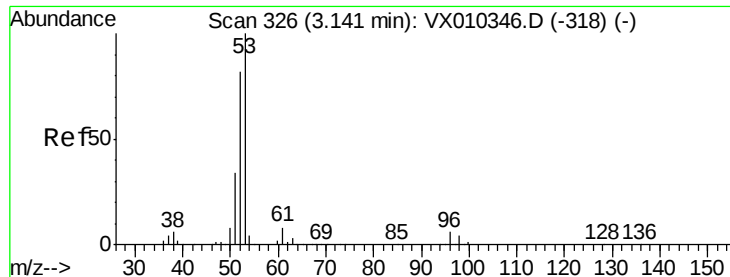
20000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 107.154 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010689.D

Acq: 08 Jul 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBS01

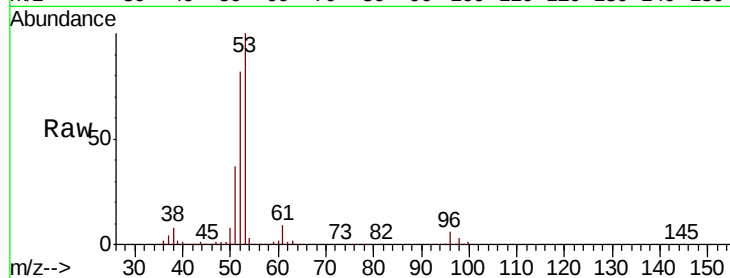
Tot Ion: 53 Resp: 116448

Ion Ratio Lower Upper

53 100

52 80.7 65.5 98.3

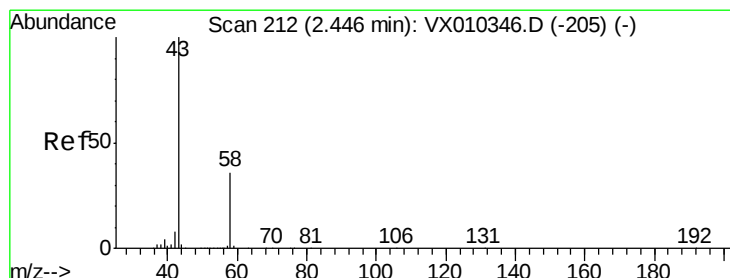
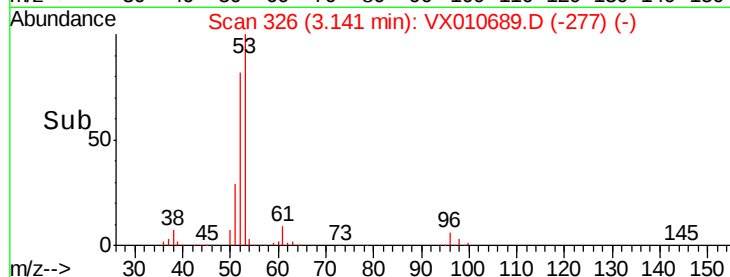
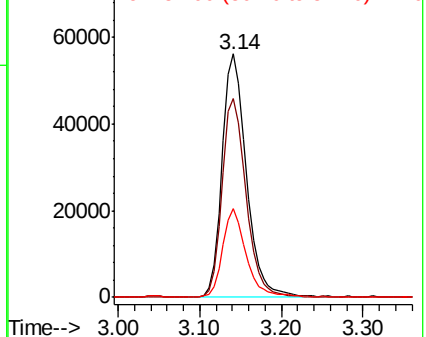
51 35.0 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 94.365 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010689.D

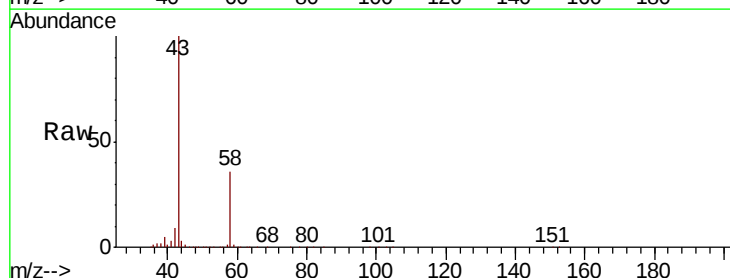
Acq: 08 Jul 2019 12:42

Tgt Ion: 43 Resp: 99204

Ion Ratio Lower Upper

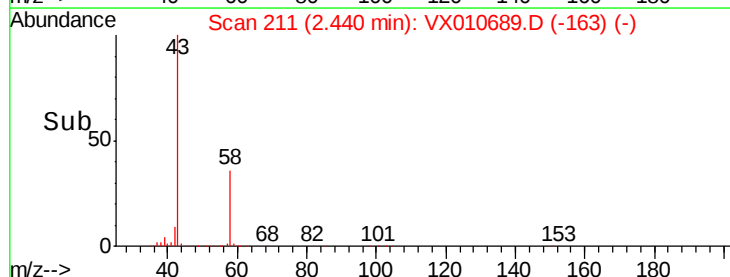
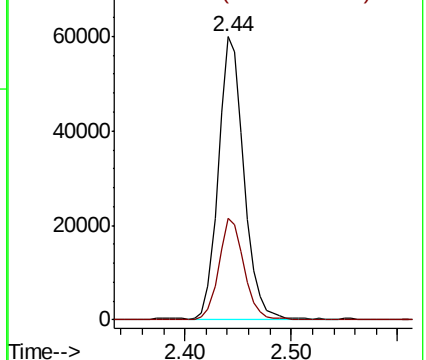
43 100

58 36.1 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

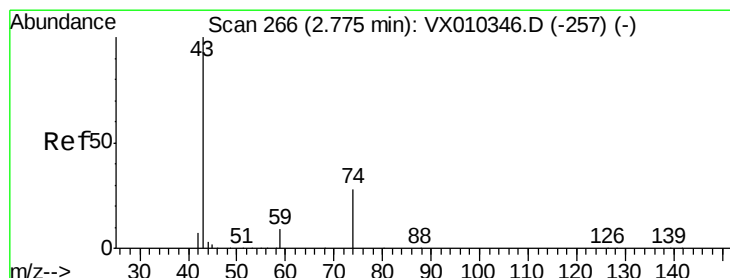
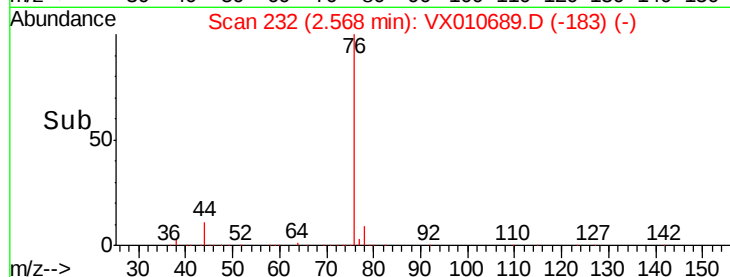
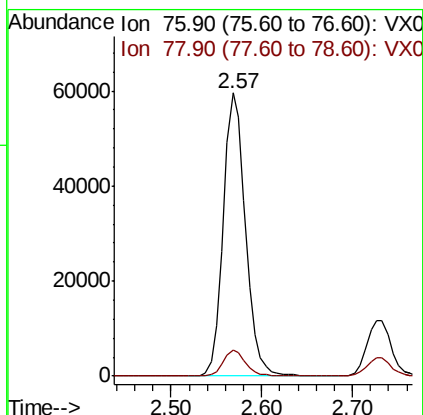
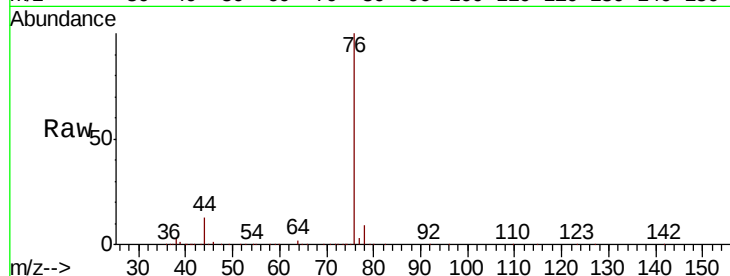




#17
Carbon Disulfide
Concen: 19.551 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010689.D
Acq: 08 Jul 2019 12:42

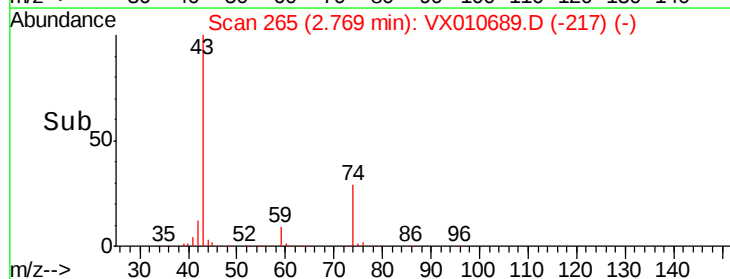
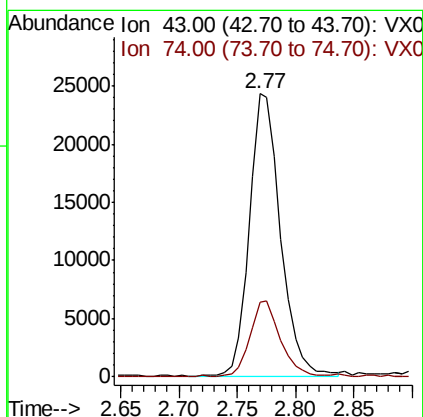
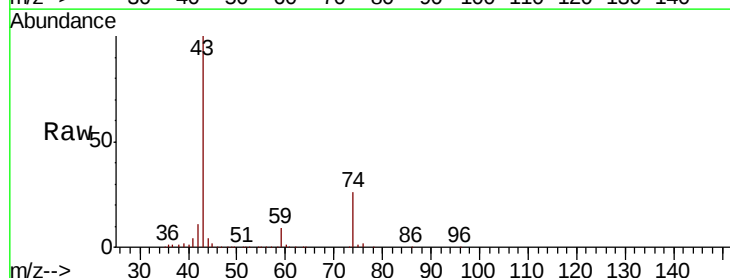
Instrument :
MSVOA_X
ClientSampleId :
VX0708WBS01

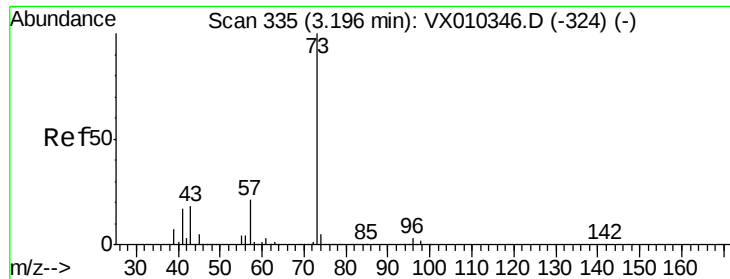
Tot Ion: 76 Resp: 101716
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9



#18
Methyl Acetate
Concen: 21.735 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX010689.D
Acq: 08 Jul 2019 12:42

Tgt Ion: 43 Resp: 45541
Ion Ratio Lower Upper
43 100
74 26.5 21.3 31.9

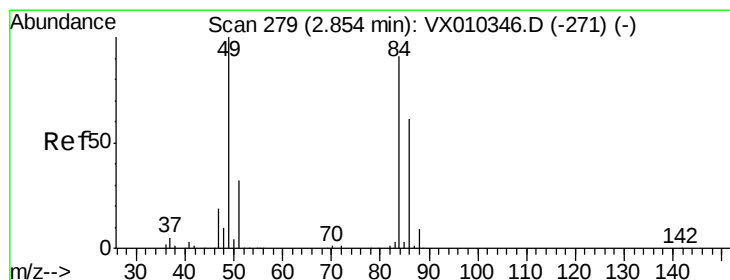
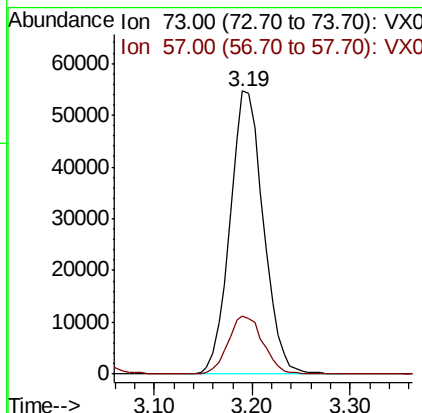
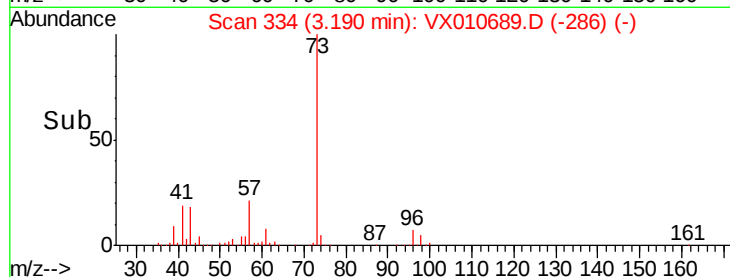
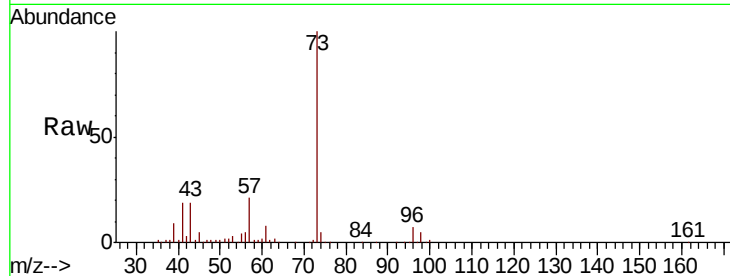




#19
Methyl tert-butyl Ether
Concen: 21.257 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX010689.D
Acq: 08 Jul 2019 12:42

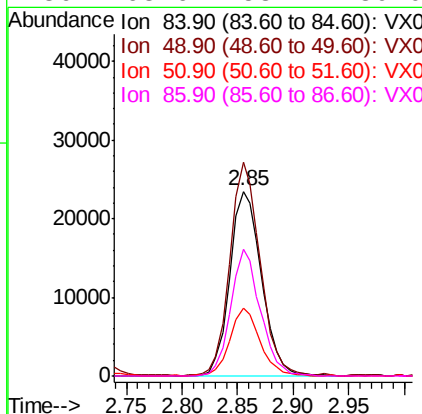
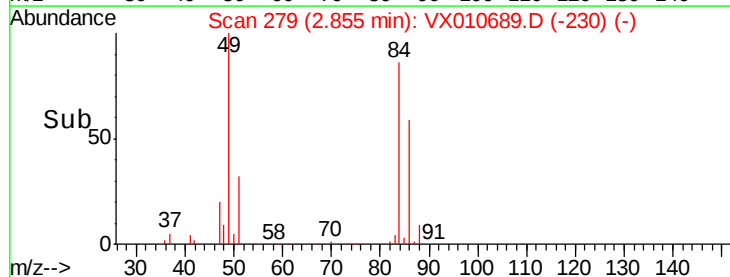
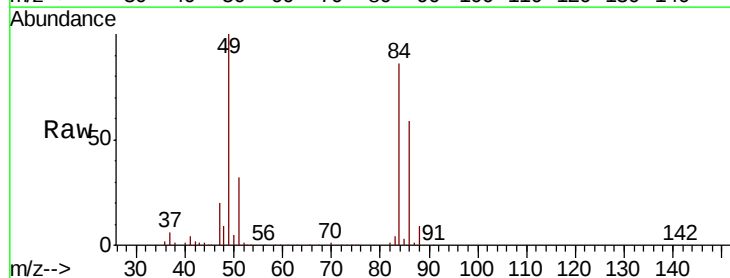
Instrument :
MSVOA_X
ClientSampleId :
VX0708WBS01

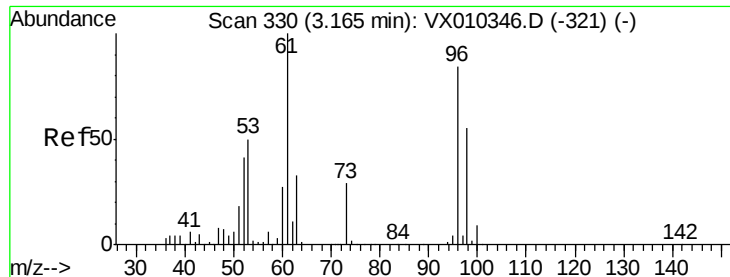
Tot Ion: 73 Resp: 129680
Ion Ratio Lower Upper
73 100
57 20.5 16.4 24.6



#20
Methylene Chloride
Concen: 21.401 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010689.D
Acq: 08 Jul 2019 12:42

Tgt Ion: 84 Resp: 46301
Ion Ratio Lower Upper
84 100
49 115.5 87.5 131.3
51 36.6 27.7 41.5
86 68.6 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 20.388 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010689.D

Acq: 08 Jul 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBS01

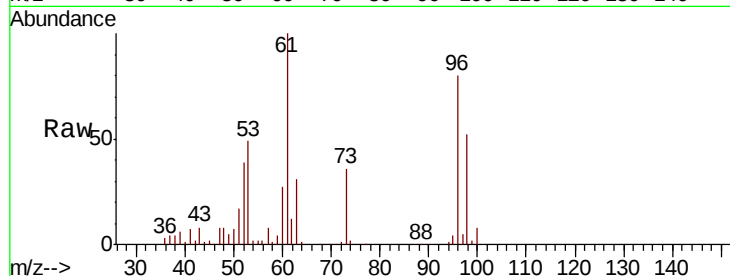
Tot Ion: 96 Resp: 42521

Ion Ratio Lower Upper

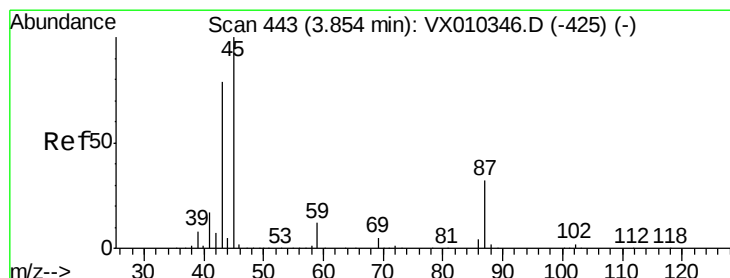
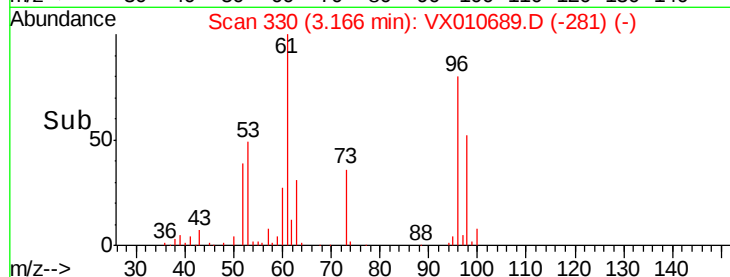
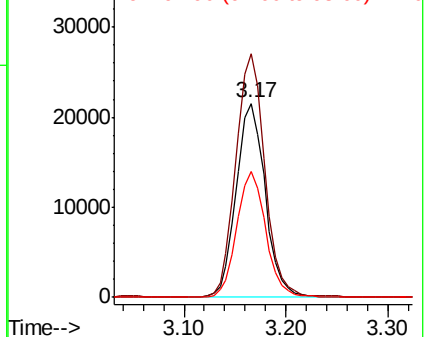
96 100

61 125.7 95.6 143.4

98 64.7 52.5 78.7



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



#22

Diisopropyl ether

Concen: 21.241 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX010689.D

Acq: 08 Jul 2019 12:42

Tgt Ion: 45 Resp: 122267

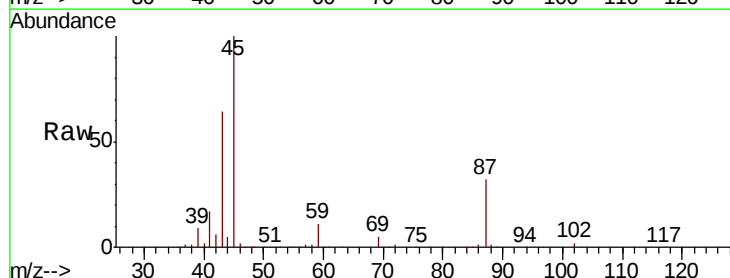
Ion Ratio Lower Upper

45 100

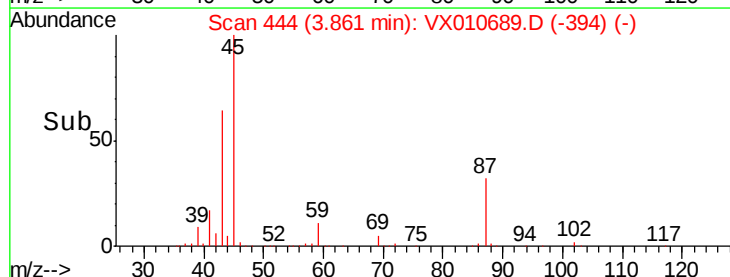
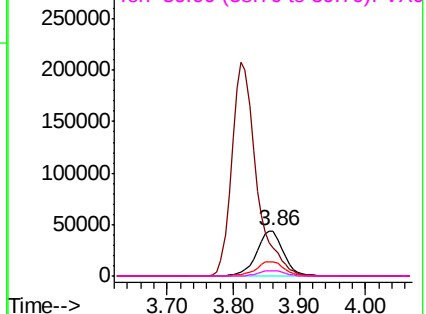
43 63.4 63.3 94.9

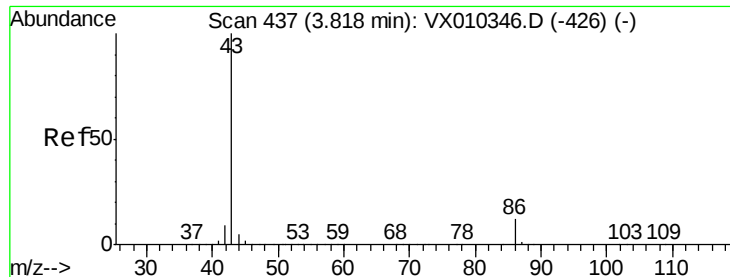
87 31.8 25.8 38.8

59 11.4 9.6 14.4



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





#23

Vinyl Acetate

Concen: 107.971 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010689.D

Acq: 08 Jul 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

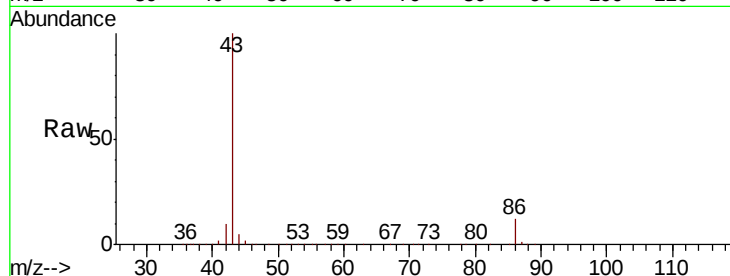
VX0708WBS01

Tot Ion: 43 Resp: 536903

Ion Ratio Lower Upper

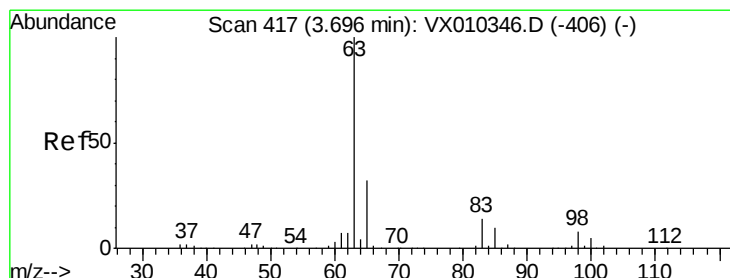
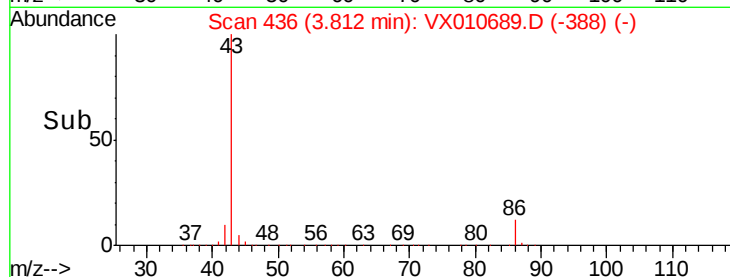
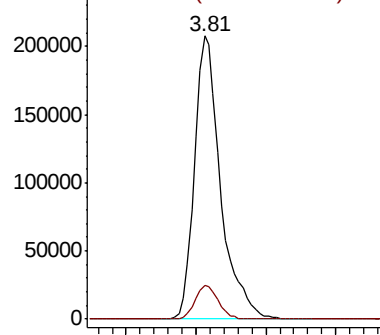
43 100

86 11.9 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 21.234 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010689.D

Acq: 08 Jul 2019 12:42

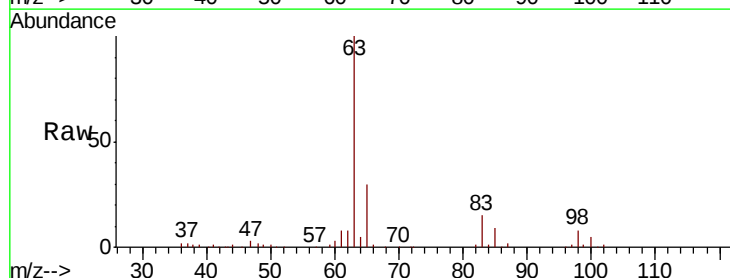
Tgt Ion: 63 Resp: 70650

Ion Ratio Lower Upper

63 100

98 8.4 3.9 11.7

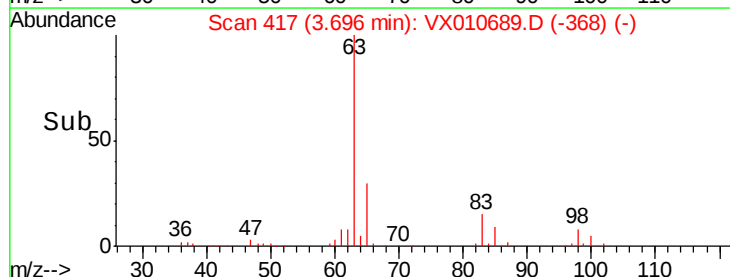
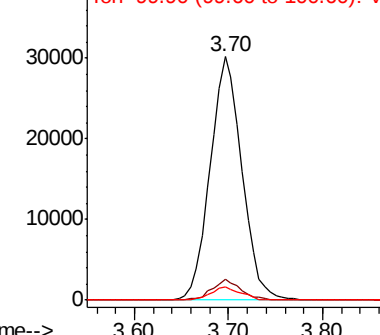
100 5.5 2.4 7.1

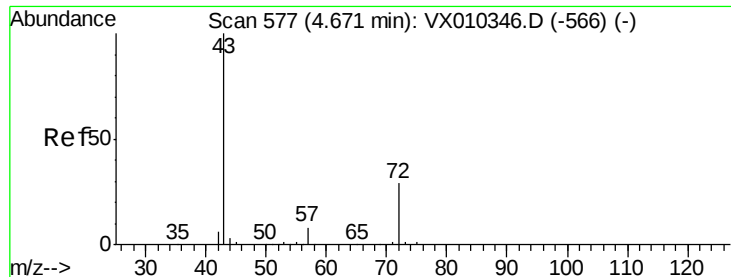


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 99.434 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010689.D

Acq: 08 Jul 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

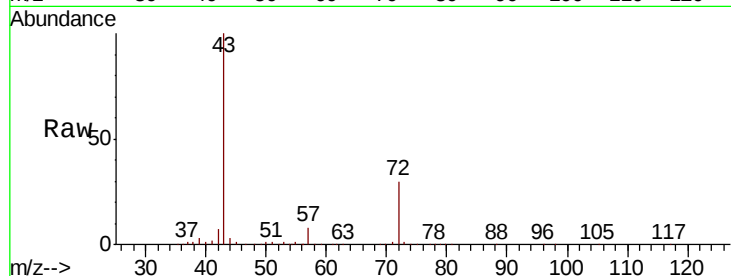
VX0708WBS01

Tot Ion: 43 Resp: 153336

Ion Ratio Lower Upper

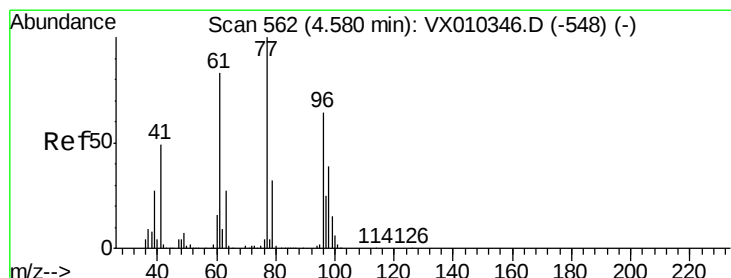
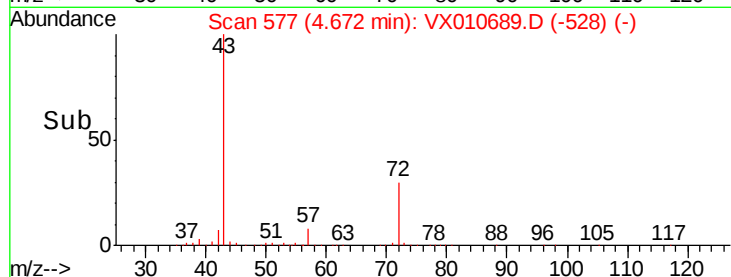
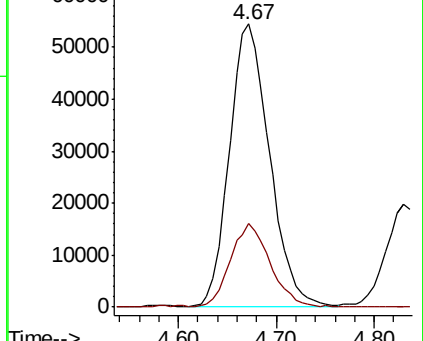
43 100

72 29.5 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 19.727 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX010689.D

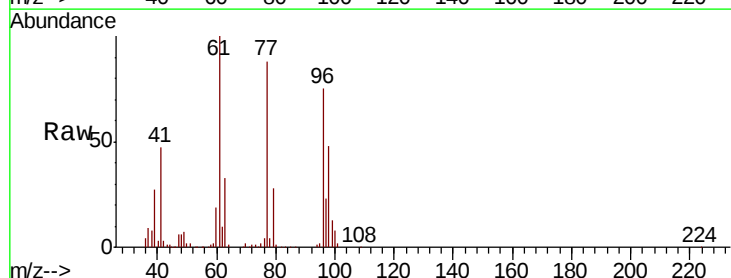
Acq: 08 Jul 2019 12:42

Tgt Ion: 77 Resp: 57017

Ion Ratio Lower Upper

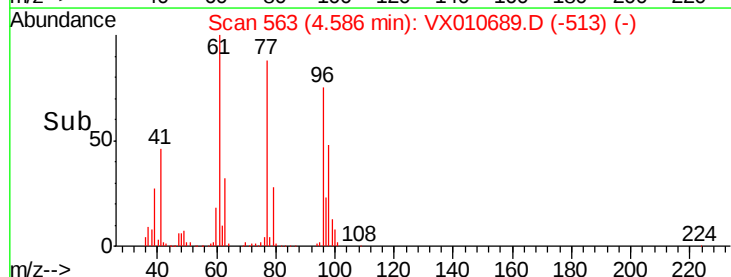
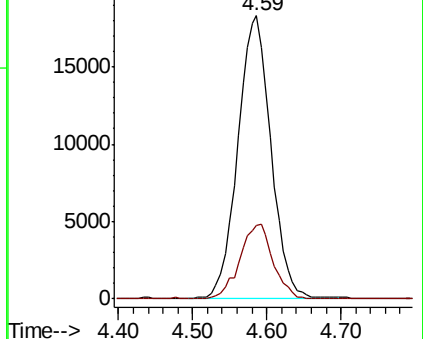
77 100

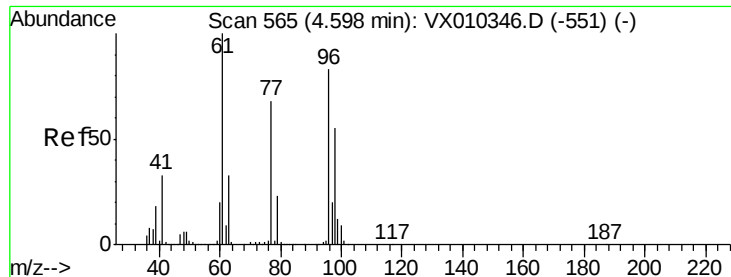
97 26.3 13.1 39.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



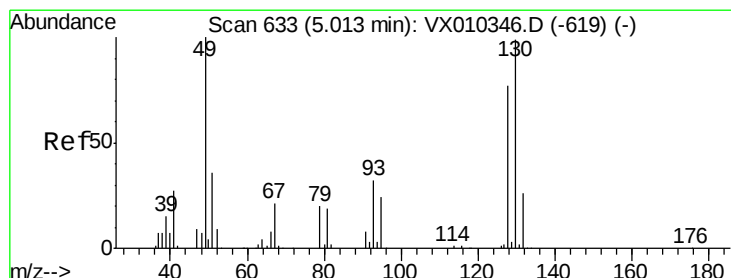
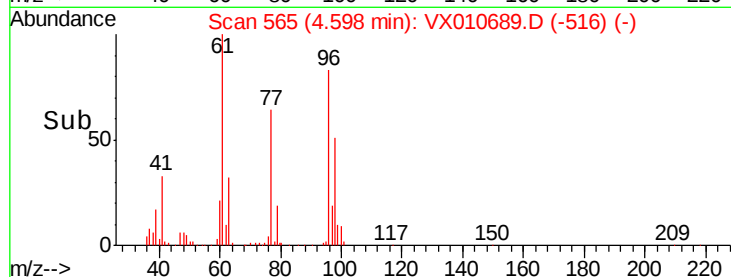
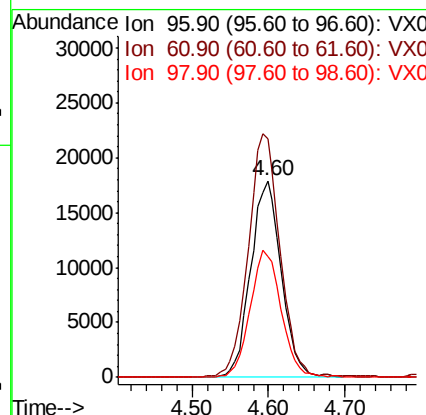
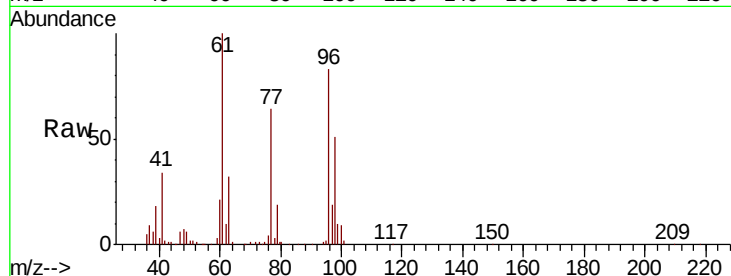


#27

cis-1,2-Dichloroethene
 Concen: 20.741 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX010689.D
 Acq: 08 Jul 2019 12:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0708WBS01

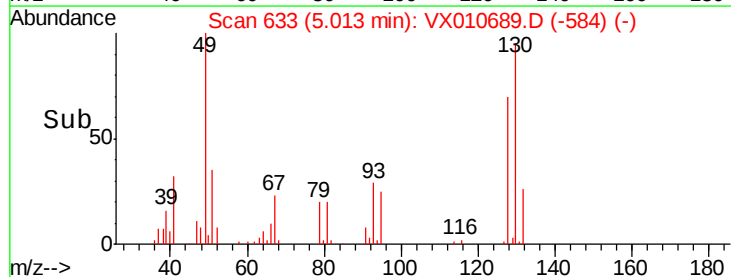
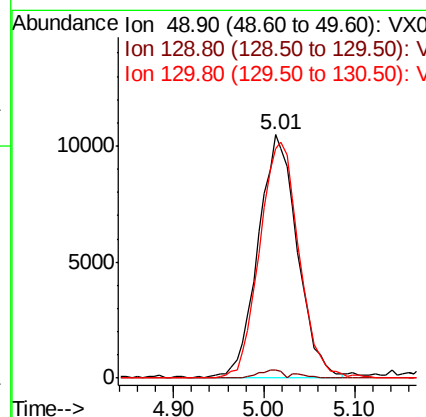
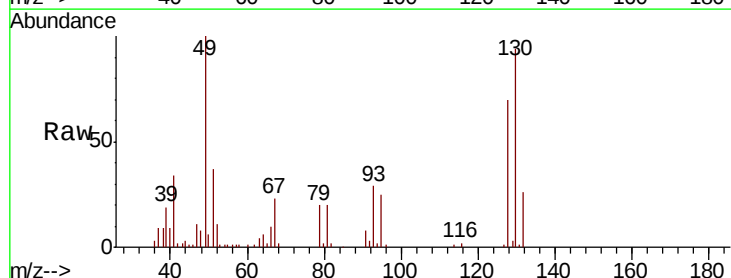
Tot Ion: 96 Resp: 49989
 Ion Ratio Lower Upper
 96 100
 61 127.4 0.0 251.8
 98 65.1 0.0 129.4

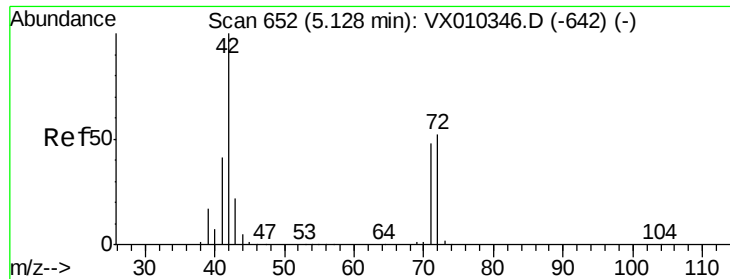


#28

Bromochloromethane
 Concen: 19.743 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VX010689.D
 Acq: 08 Jul 2019 12:42

Tgt Ion: 49 Resp: 31408
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 5.6
 130 97.5 81.4 122.0





#29

Tetrahydrofuran

Concen: 104.056 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX010689.D

Acq: 08 Jul 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBS01

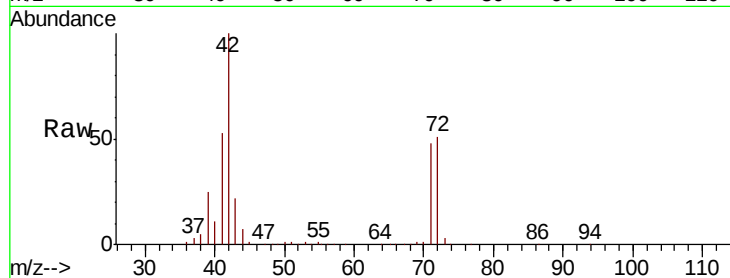
Tot Ion: 42 Resp: 99392

Ion Ratio Lower Upper

42 100

72 50.1 40.6 60.8

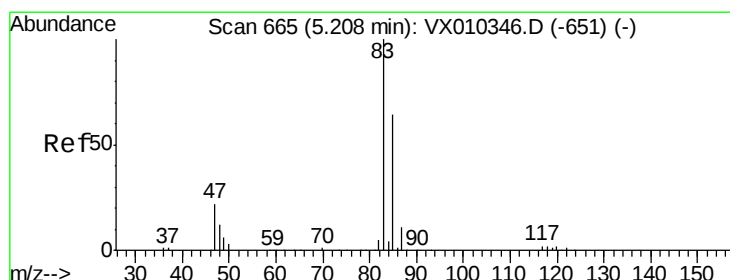
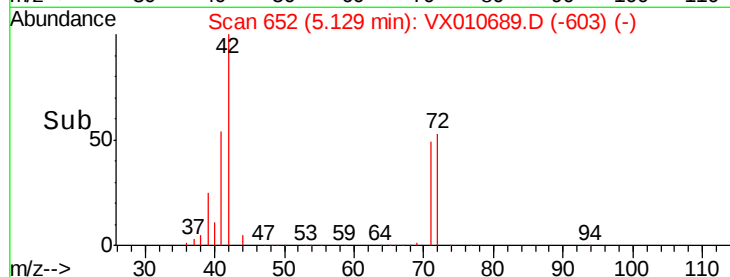
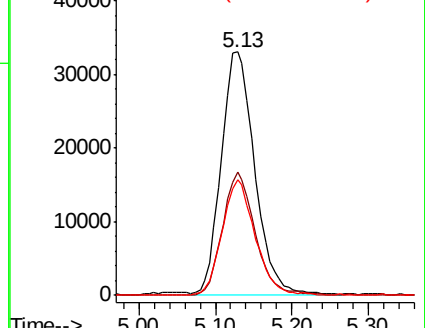
71 46.7 37.8 56.8



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: 21.235 ug/l

RT: 5.21 min Scan# 665

Delta R.T. 0.00 min

Lab File: VX010689.D

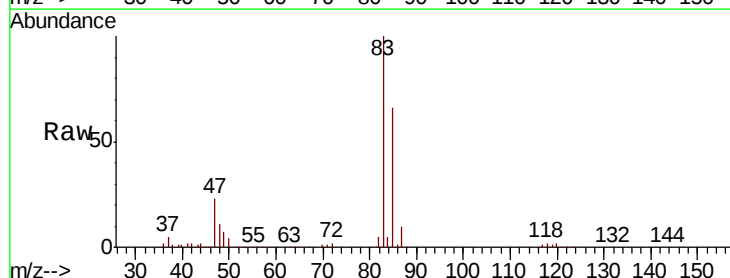
Acq: 08 Jul 2019 12:42

Tgt Ion: 83 Resp: 76019

Ion Ratio Lower Upper

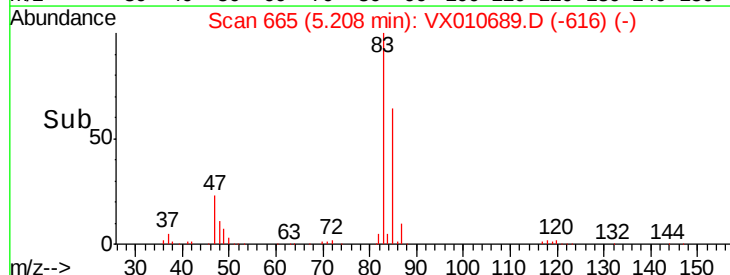
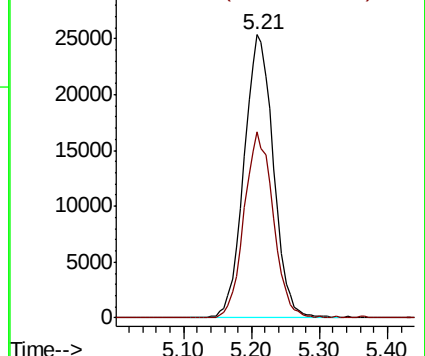
83 100

85 65.7 50.9 76.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 21.625 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010689.D

Acq: 08 Jul 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBS01

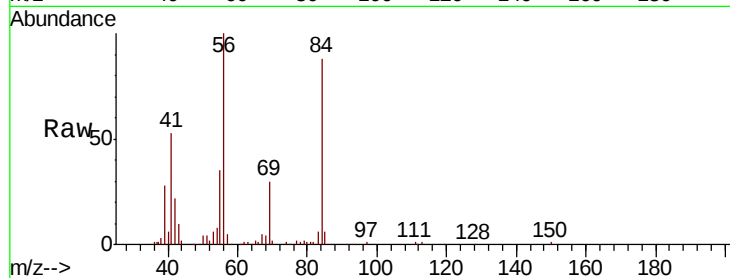
Tot Ion: 56 Resp: 65523

Ion Ratio Lower Upper

56 100

69 30.2 25.9 38.9

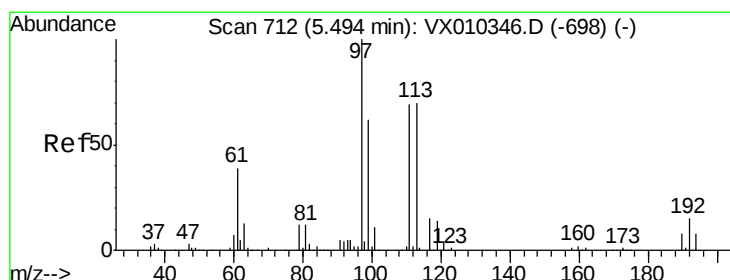
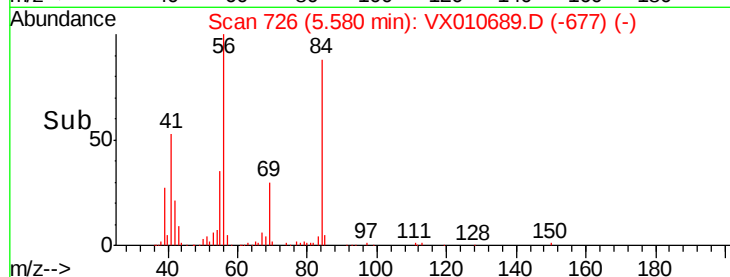
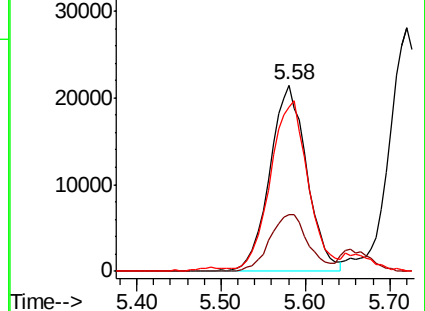
84 87.3 78.0 117.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 21.159 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX010689.D

Acq: 08 Jul 2019 12:42

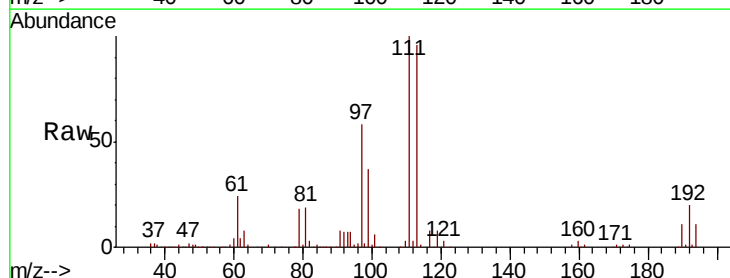
Tgt Ion: 97 Resp: 66885

Ion Ratio Lower Upper

97 100

99 65.0 51.8 77.8

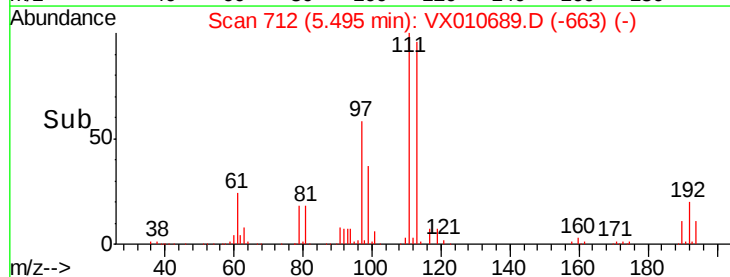
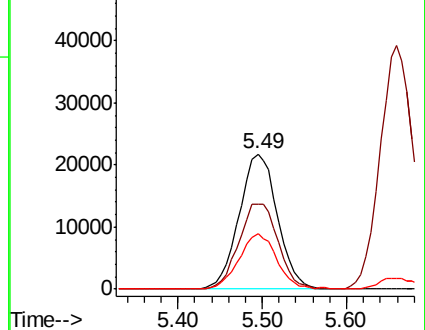
61 40.9 32.1 48.1

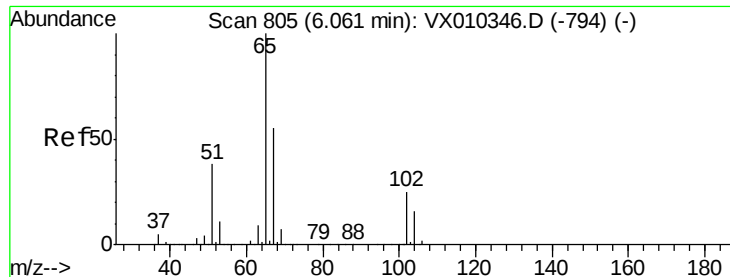


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 51.926 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX010689.D

Acq: 08 Jul 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

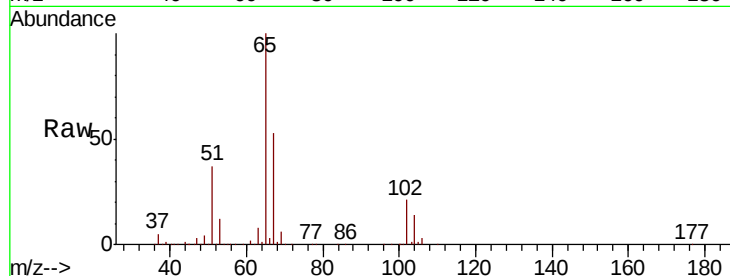
VX0708WBS01

Tot Ion: 65 Resp: 108923

Ion Ratio Lower Upper

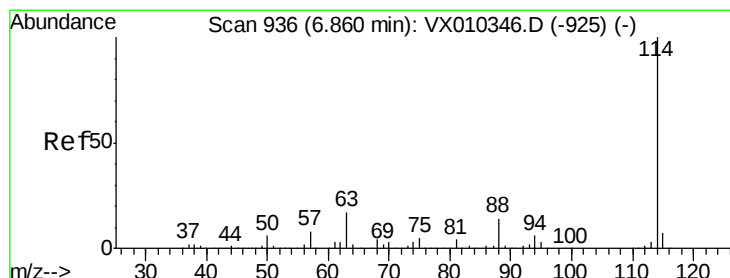
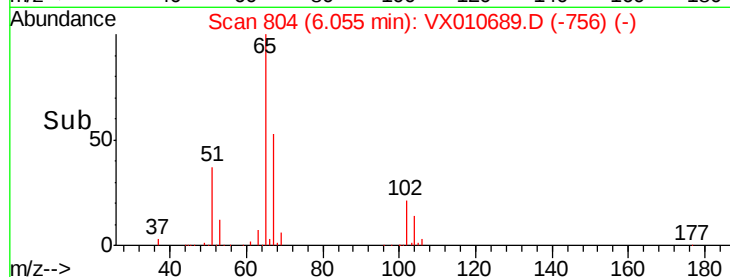
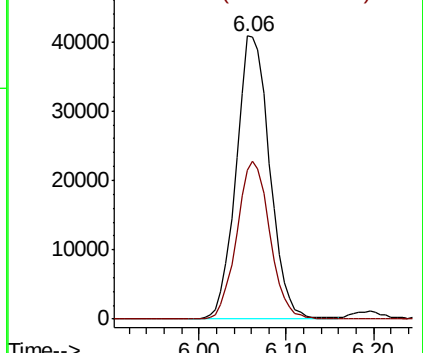
65 100

67 54.7 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010689.D

Acq: 08 Jul 2019 12:42

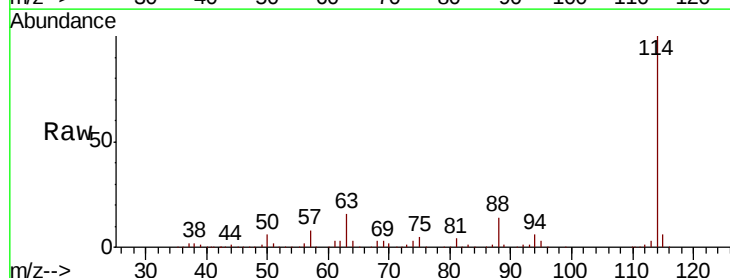
Tgt Ion: 114 Resp: 333890

Ion Ratio Lower Upper

114 100

63 16.5 0.0 33.8

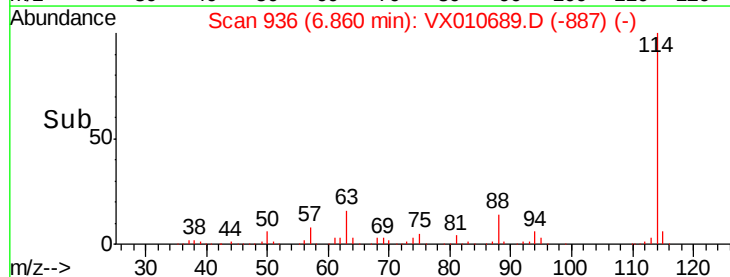
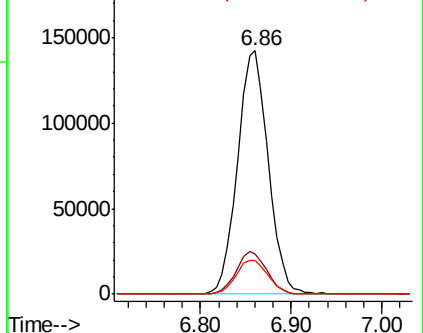
88 13.9 0.0 27.6

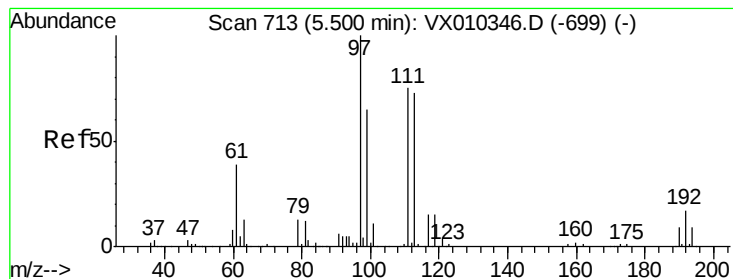


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.965 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX010689.D

Acq: 08 Jul 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBS01

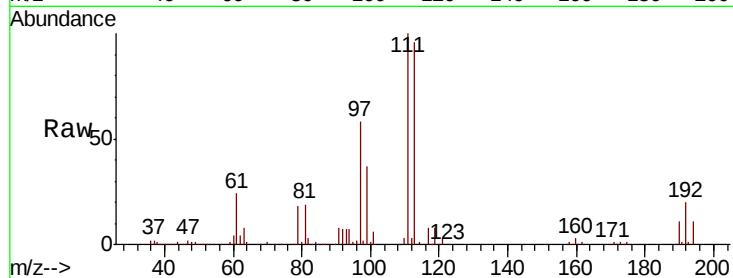
Tot Ion:113 Resp: 104115

Ion Ratio Lower Upper

113 100

111 101.7 81.2 121.8

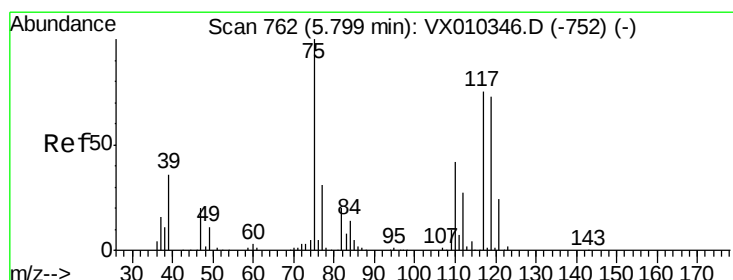
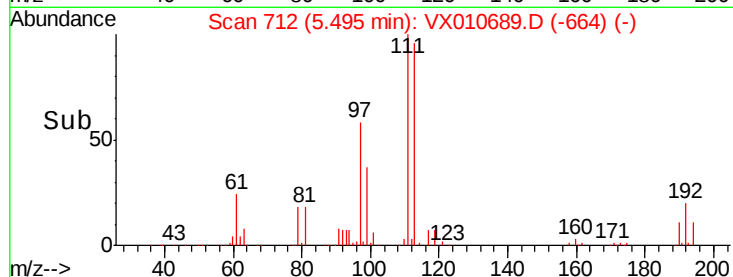
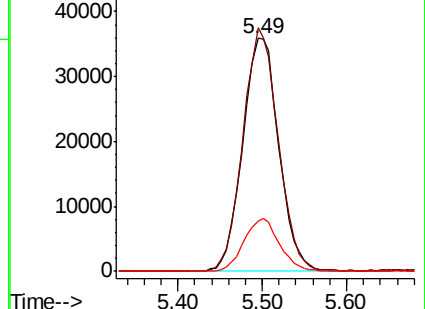
192 22.1 18.6 27.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.417 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX010689.D

Acq: 08 Jul 2019 12:42

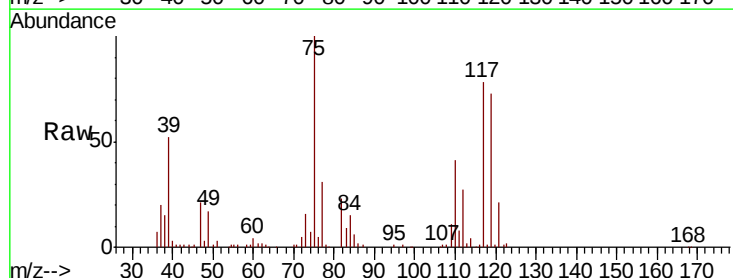
Tgt Ion: 75 Resp: 54172

Ion Ratio Lower Upper

75 100

110 40.7 20.8 62.2

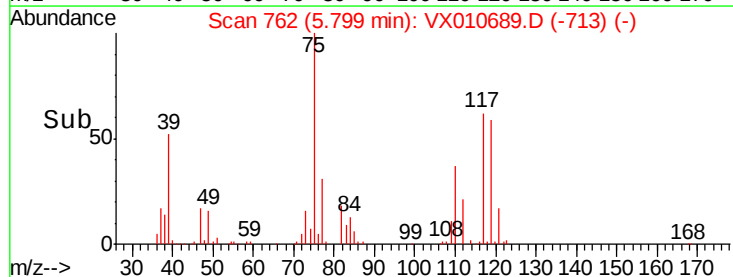
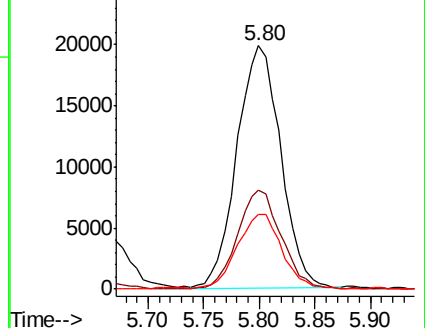
77 31.8 25.4 38.0

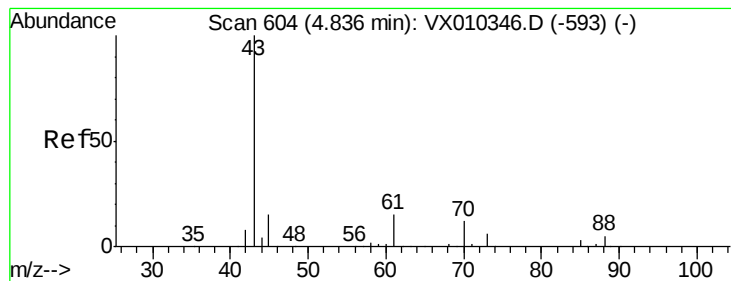


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 21.511 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX010689.D

Acq: 08 Jul 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBS01

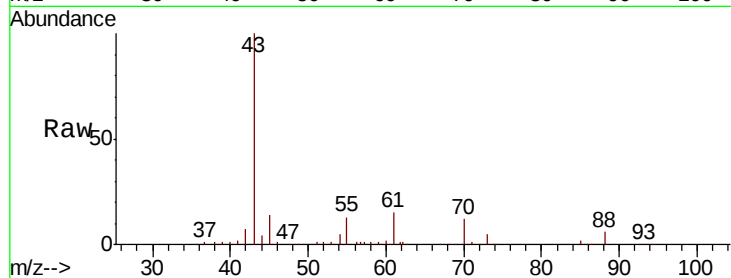
Tot Ion: 43 Resp: 58715

Ion Ratio Lower Upper

43 100

61 15.5 12.4 18.6

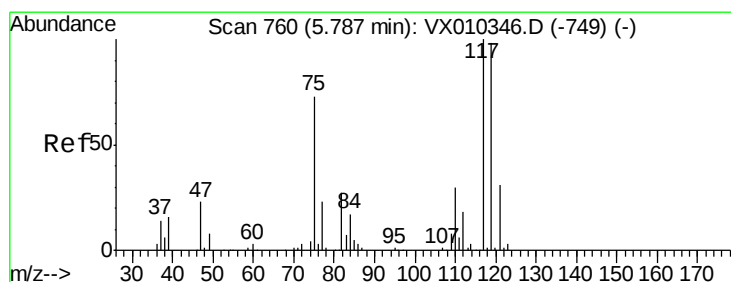
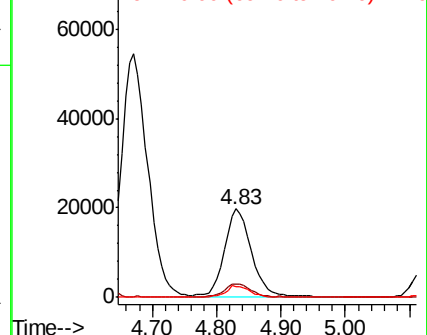
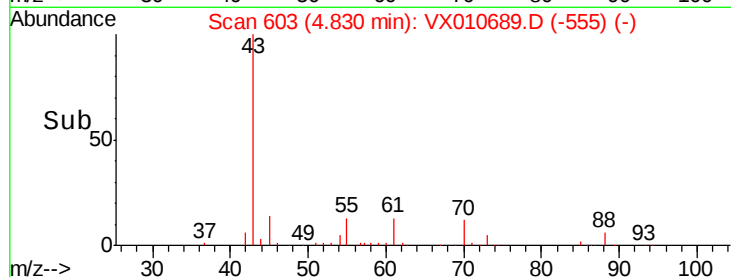
70 12.1 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 20.117 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX010689.D

Acq: 08 Jul 2019 12:42

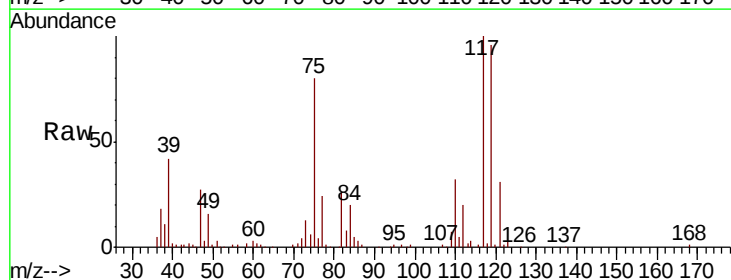
Tgt Ion: 117 Resp: 57799

Ion Ratio Lower Upper

117 100

119 95.4 78.2 117.4

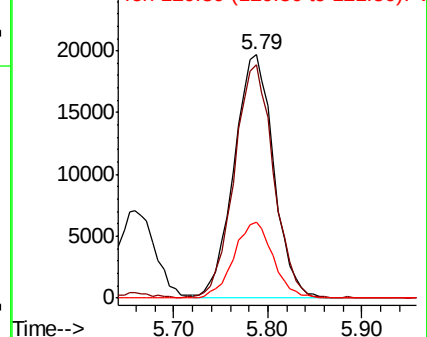
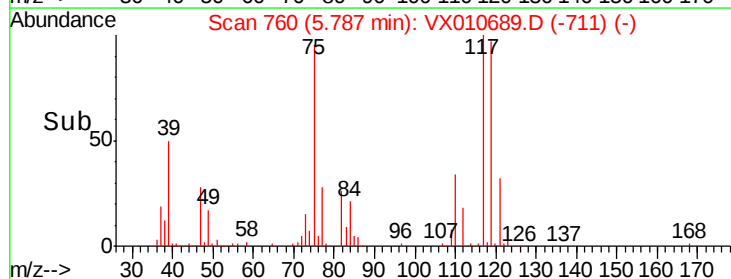
121 31.0 24.7 37.1



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

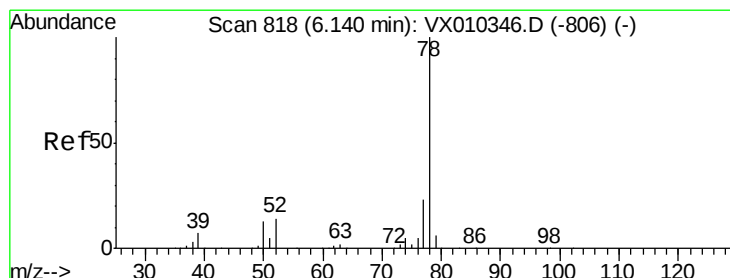
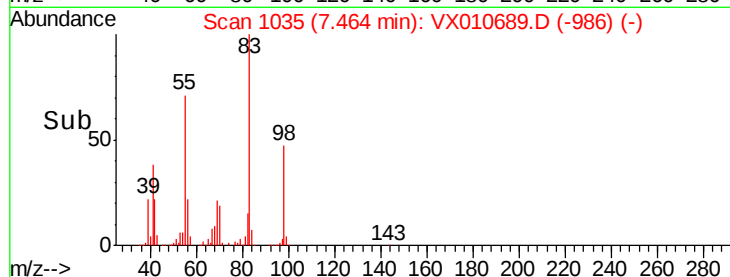
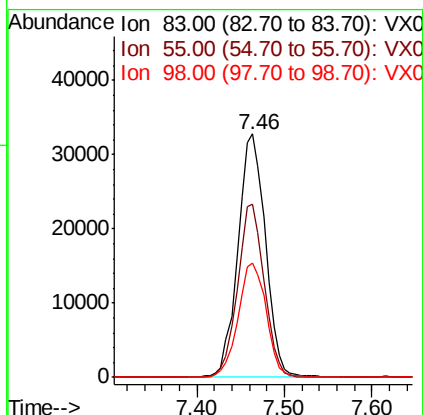
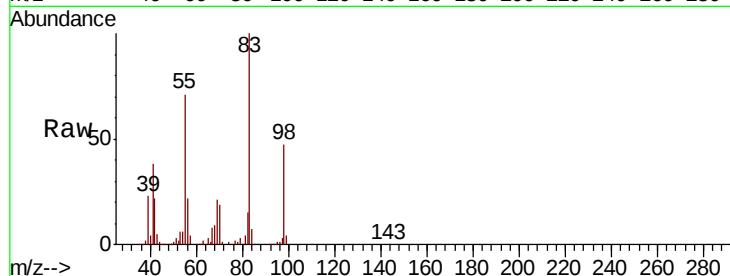




#39
Methvlcvclohexane
Concen: 20.537 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010689.D
Acq: 08 Jul 2019 12:42

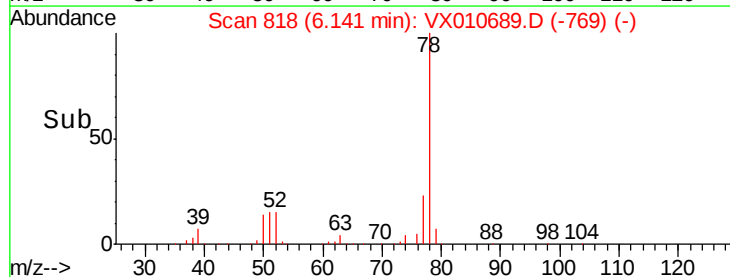
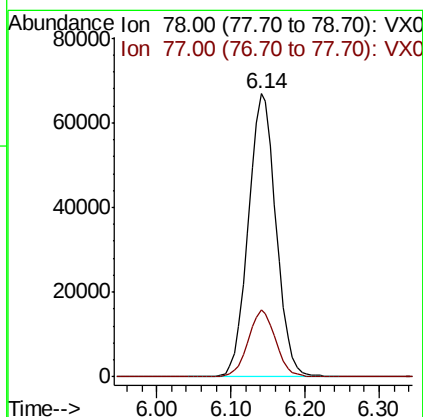
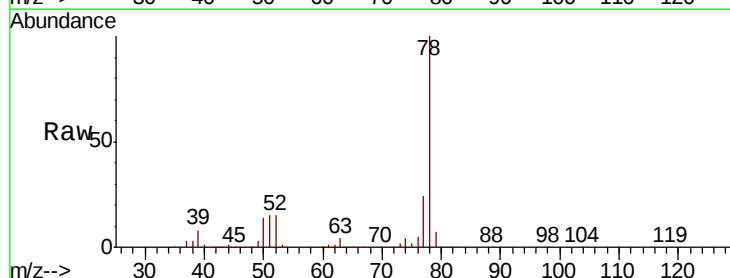
Instrument :
MSVOA_X
ClientSampleId :
VX0708WBS01

Tot Ion: 83 Resp: 71625
Ion Ratio Lower Upper
83 100
55 71.1 53.0 79.6
98 47.0 37.8 56.8



#40
Benzene
Concen: 21.100 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010689.D
Acq: 08 Jul 2019 12:42

Tgt Ion: 78 Resp: 174413
Ion Ratio Lower Upper
78 100
77 23.7 18.6 28.0

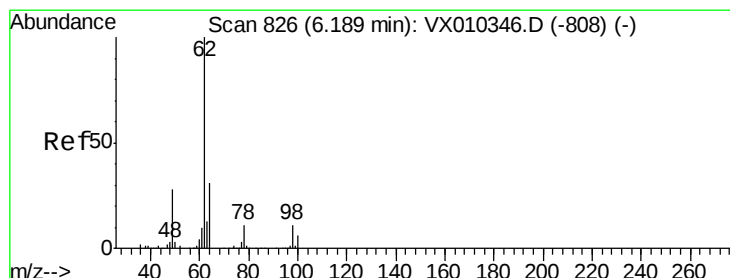
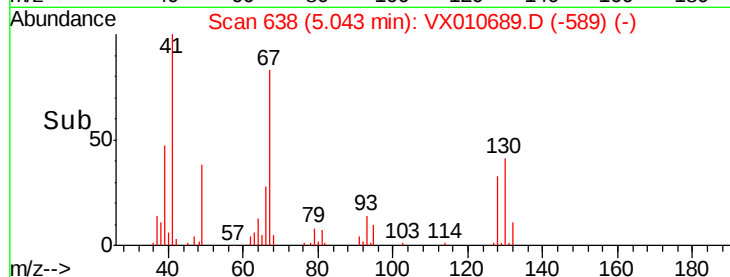
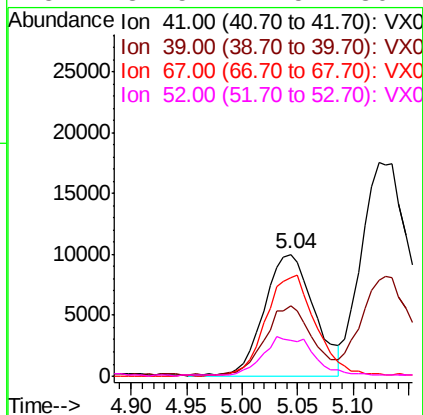
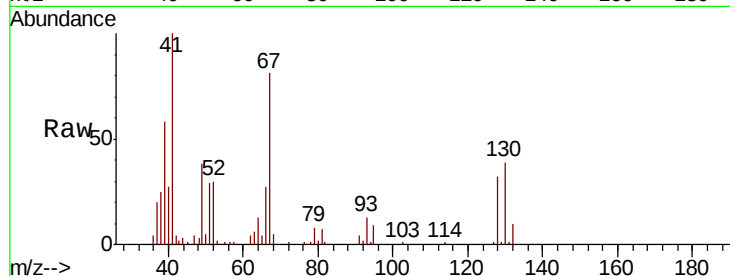




#41
Methacrylonitrile
Concen: 20.977 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX010689.D
Acq: 08 Jul 2019 12:42

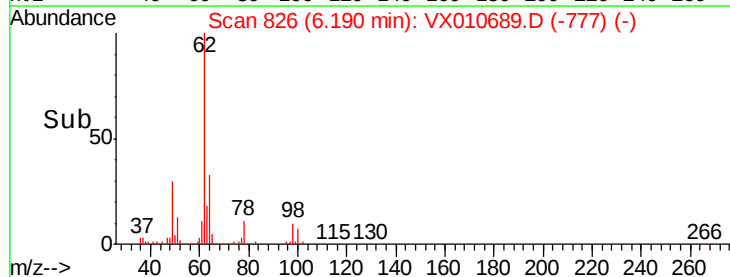
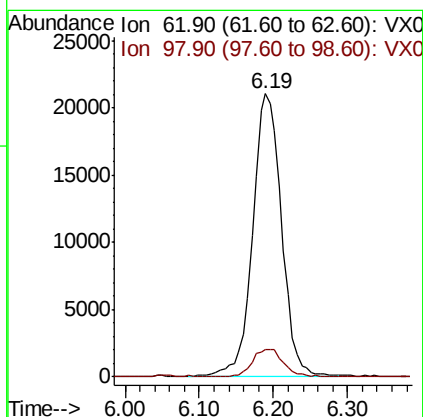
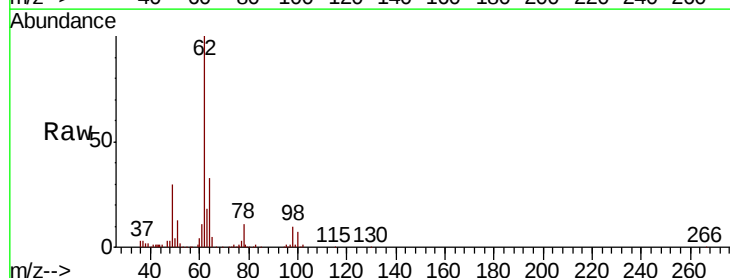
Instrument :
MSVOA_X
ClientSampleID :
VX0708WBS01

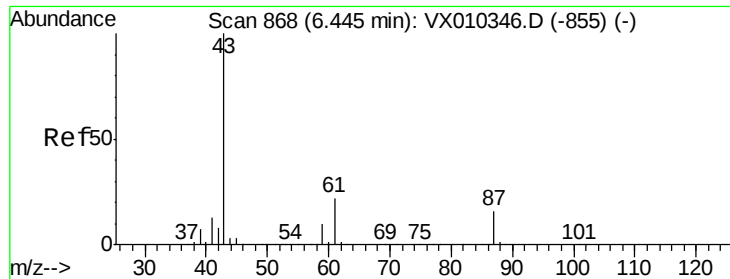
Tot Ion: 41 Resp: 31416
Ion Ratio Lower Upper
41 100
39 52.2 43.8 65.8
67 81.0 66.6 100.0
52 32.5 24.5 36.7



#42
1,2-Dichloroethane
Concen: 22.807 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX010689.D
Acq: 08 Jul 2019 12:42

Tgt Ion: 62 Resp: 57387
Ion Ratio Lower Upper
62 100
98 10.5 0.0 22.2





#43

Isopropyl Acetate

Concen: 20.679 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX010689.D

Acq: 08 Jul 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBS01

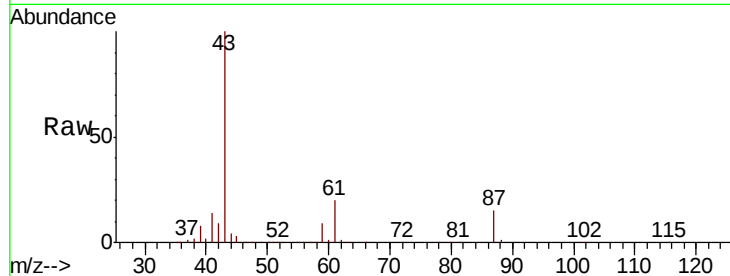
Tot Ion: 43 Resp: 93387

Ion Ratio Lower Upper

43 100

61 21.6 17.8 26.6

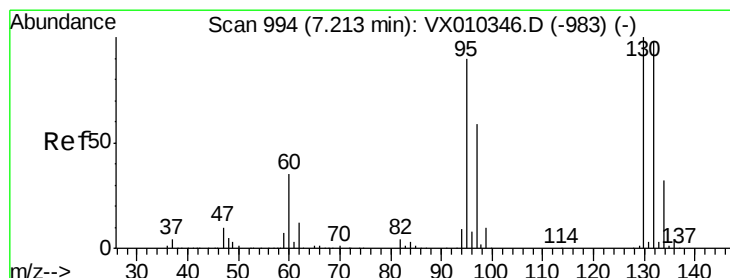
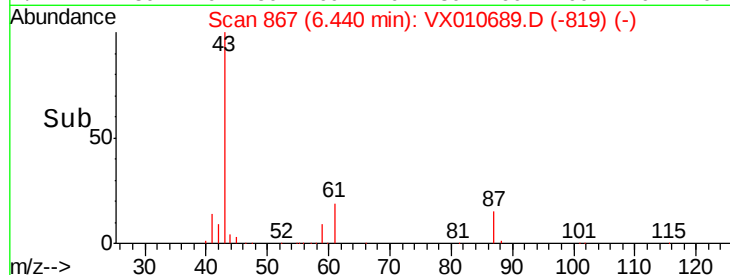
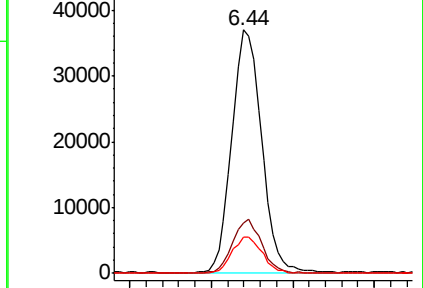
87 15.1 13.0 19.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 20.531 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX010689.D

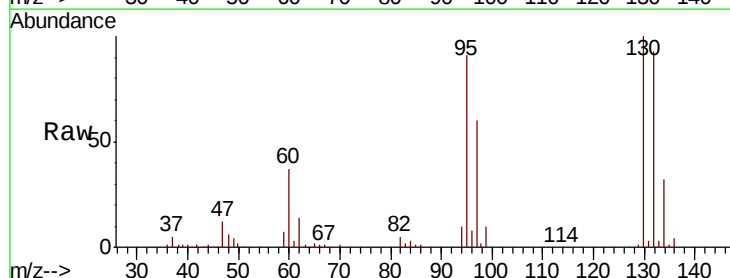
Acq: 08 Jul 2019 12:42

Tgt Ion:130 Resp: 50783

Ion Ratio Lower Upper

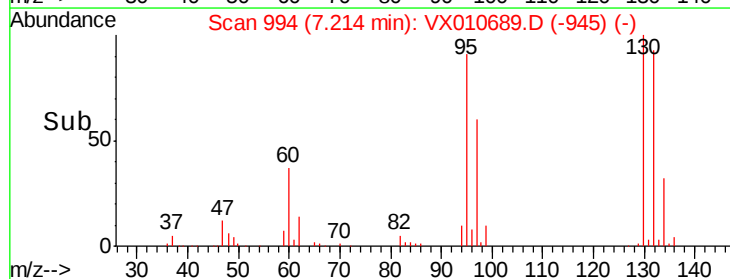
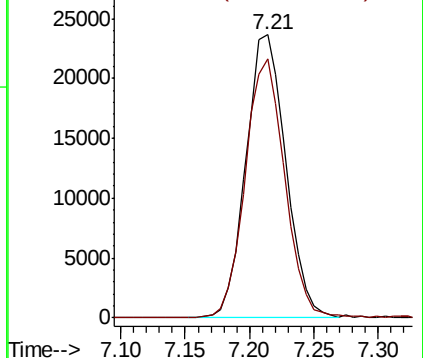
130 100

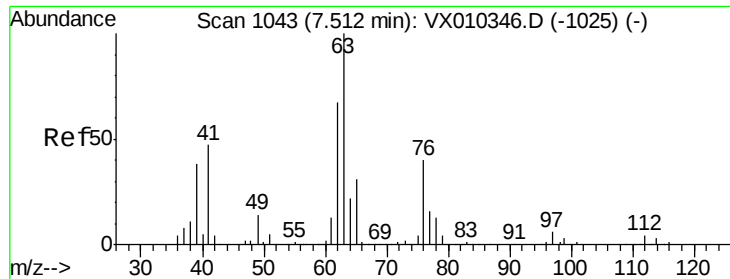
95 91.5 0.0 180.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

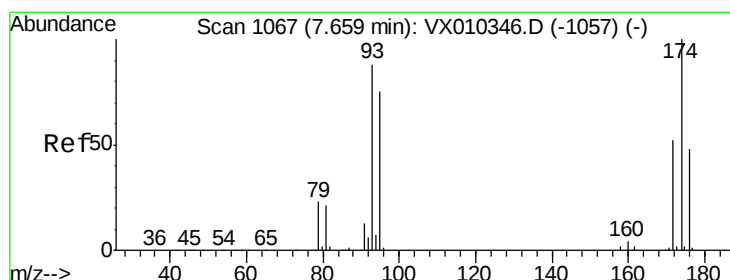
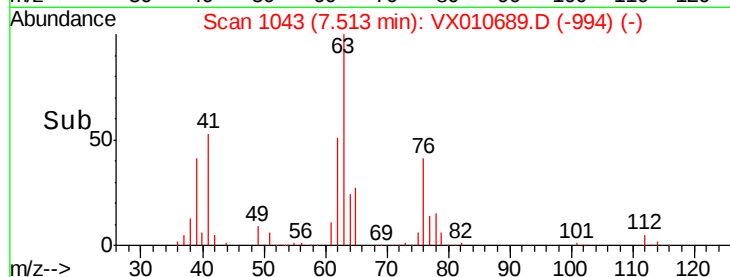
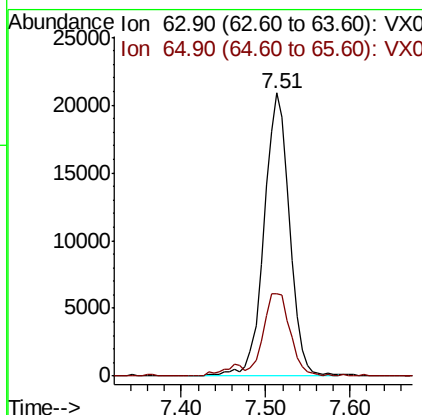
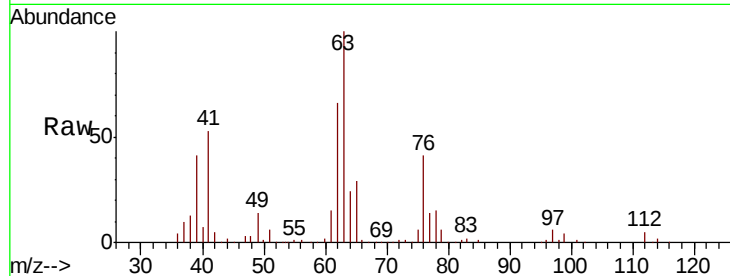




#45
 1,2-Dichloropropane
 Concen: 20.950 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX010689.D
 Acq: 08 Jul 2019 12:42

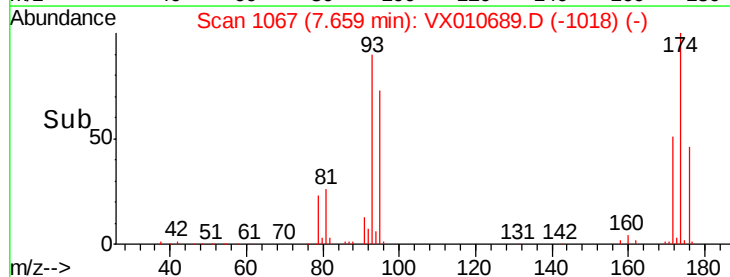
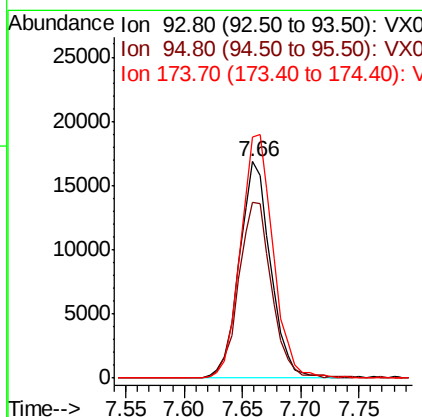
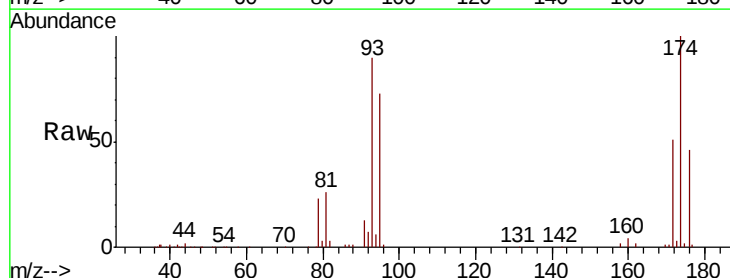
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0708WBS01

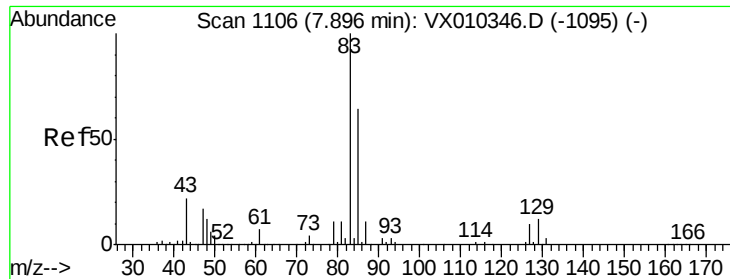
Tot Ion: 63 Resp: 43732
 Ion Ratio Lower Upper
 63 100
 65 29.0 24.8 37.2



#46
 Dibromomethane
 Concen: 21.109 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX010689.D
 Acq: 08 Jul 2019 12:42

Tgt Ion: 93 Resp: 31615
 Ion Ratio Lower Upper
 93 100
 95 84.7 67.5 101.3
 174 117.1 95.8 143.6





#47

Bromodichloromethane

Concen: 20.001 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010689.D

Acq: 08 Jul 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBS01

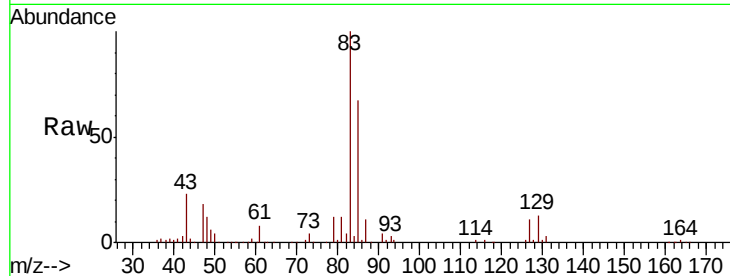
Tot Ion: 83 Resp: 54898

Ion Ratio Lower Upper

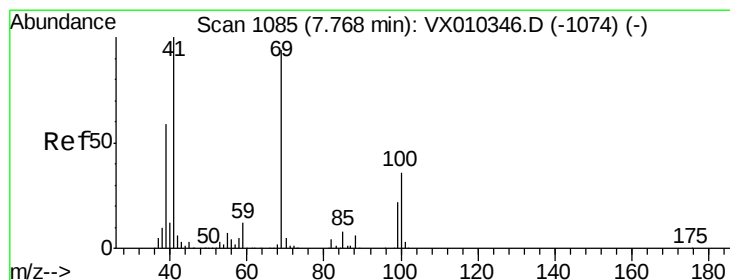
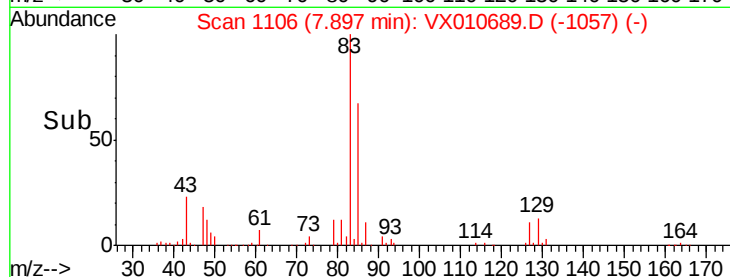
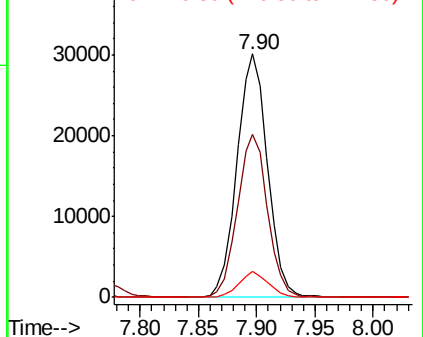
83 100

85 66.8 51.5 77.3

127 10.6 7.8 11.8



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



#48

Methyl methacrylate

Concen: 21.116 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX010689.D

Acq: 08 Jul 2019 12:42

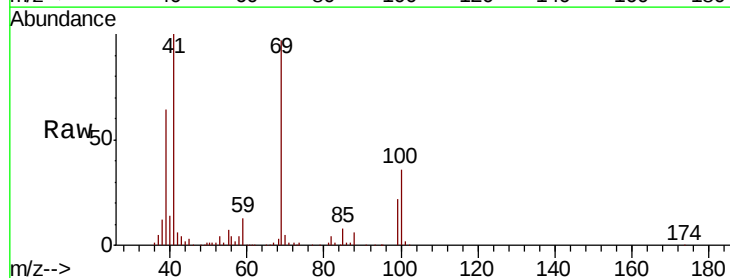
Tgt Ion: 41 Resp: 44325

Ion Ratio Lower Upper

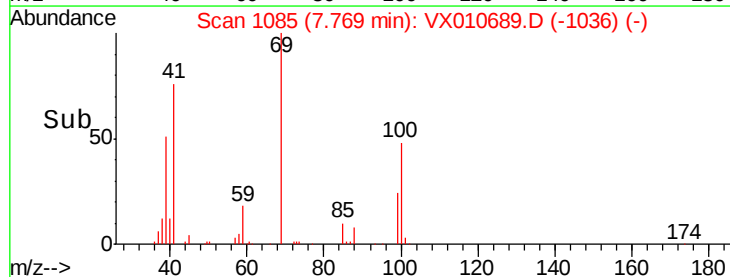
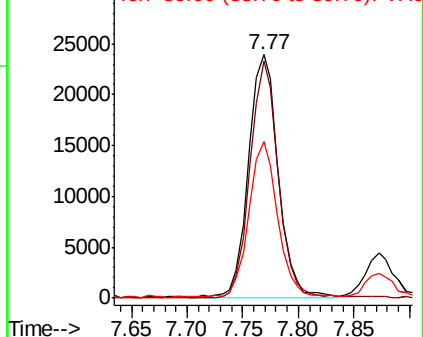
41 100

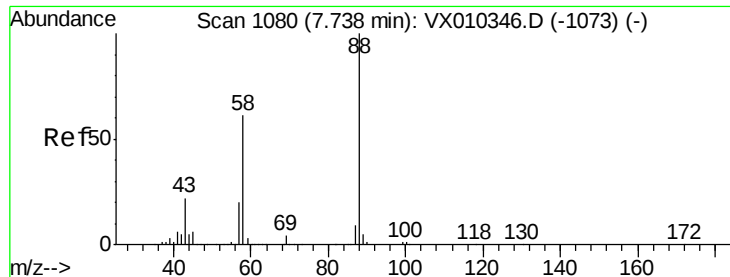
69 93.4 76.1 114.1

39 62.7 47.6 71.4



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





#49

1,4-Dioxane

Concen: 411.442 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. 0.00 min

Lab File: VX010689.D

Acq: 08 Jul 2019 12:42

Instrument :

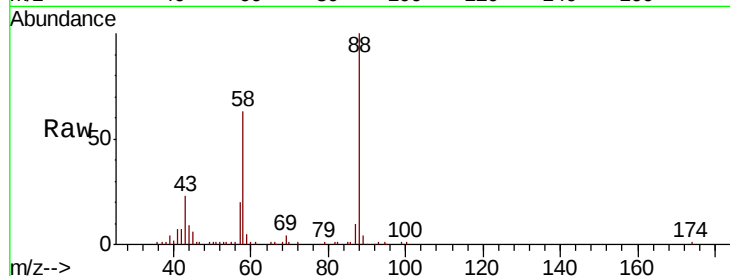
MSVOA_X

ClientSampleId :

VX0708WBS01

Tot Ion: 88 Resp: 24880

Ion	Ratio	Lower	Upper
88	100		
43	27.9	20.2	30.2
58	65.2	49.5	74.3

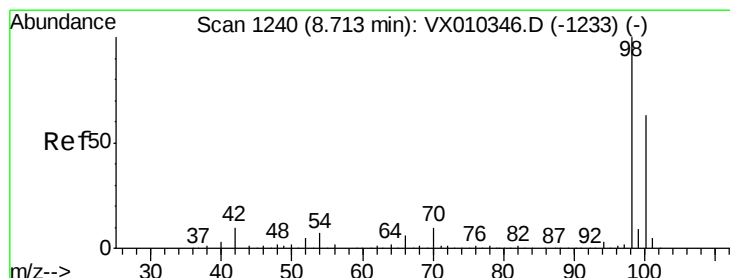
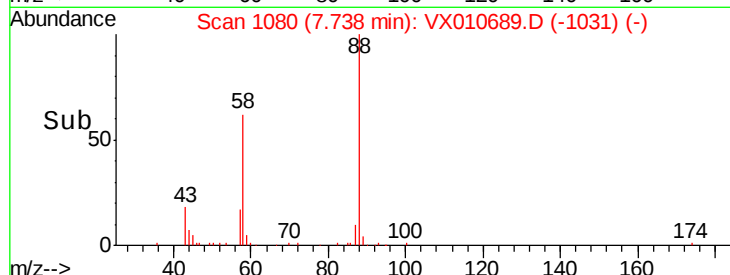
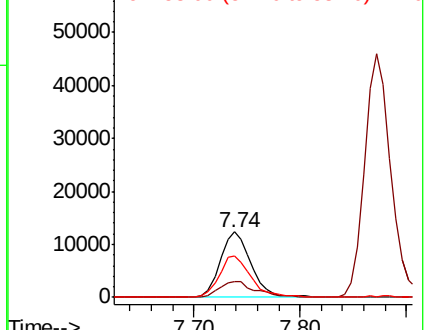


Abundance

Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 48.811 ug/l

RT: 8.71 min Scan# 1240

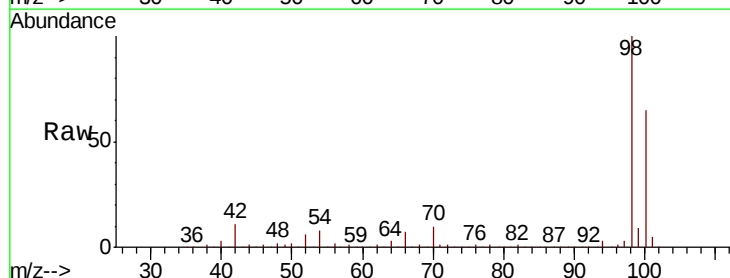
Delta R.T. 0.00 min

Lab File: VX010689.D

Acq: 08 Jul 2019 12:42

Tgt Ion: 98 Resp: 381490

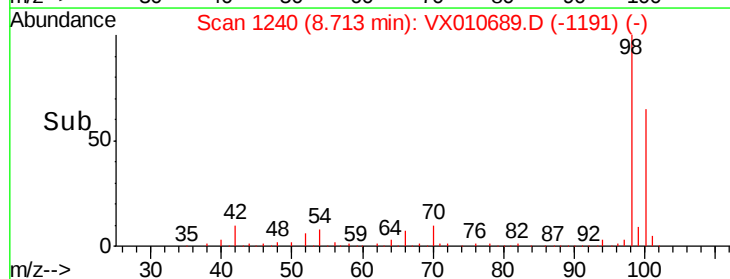
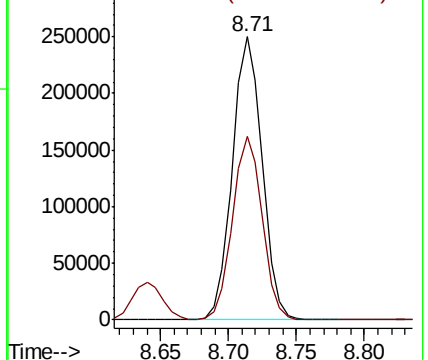
Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.6	77.4



Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 106.234 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX010689.D

Acq: 08 Jul 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

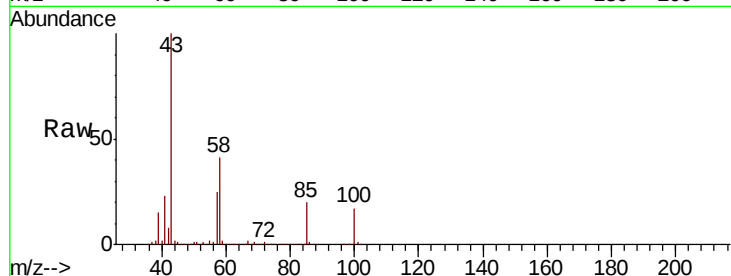
VX0708WBS01

Tot Ion: 43 Resp: 306833

Ion Ratio Lower Upper

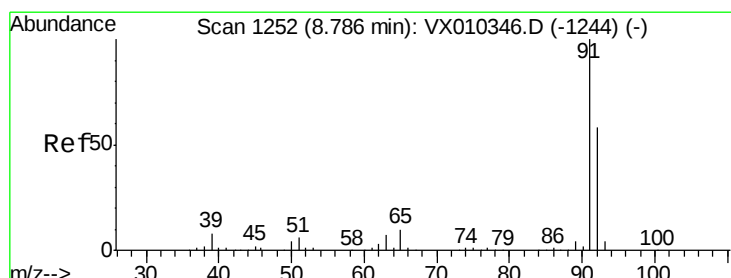
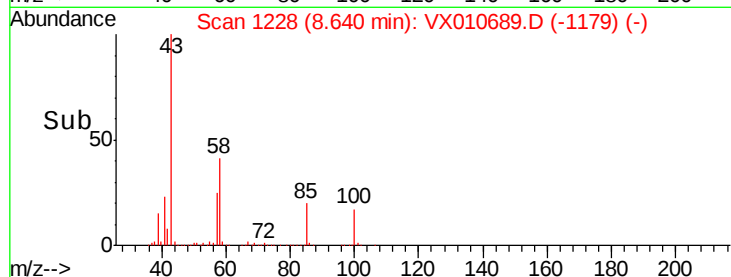
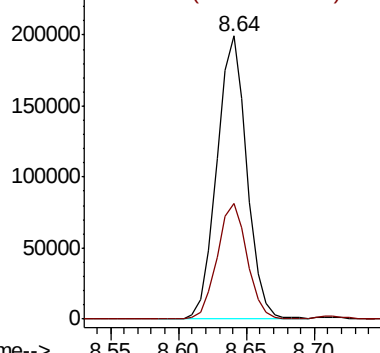
43 100

58 41.0 33.5 50.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 20.707 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX010689.D

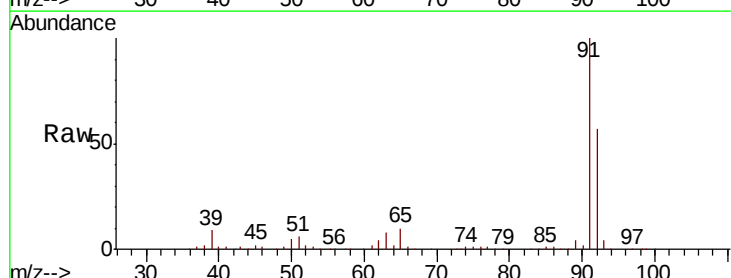
Acq: 08 Jul 2019 12:42

Tgt Ion: 92 Resp: 112720

Ion Ratio Lower Upper

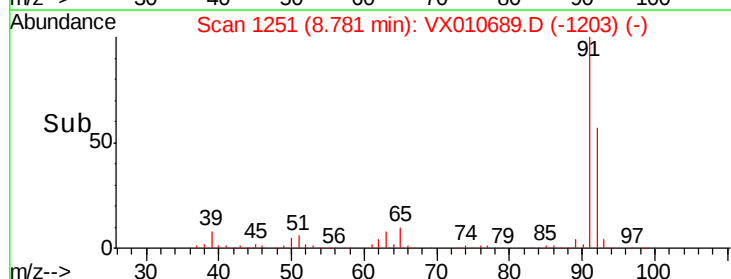
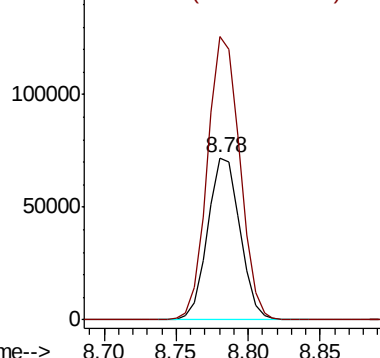
92 100

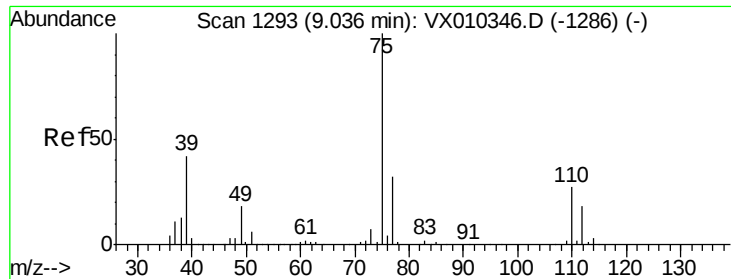
91 175.5 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 19.181 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VX010689.D

Acq: 08 Jul 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

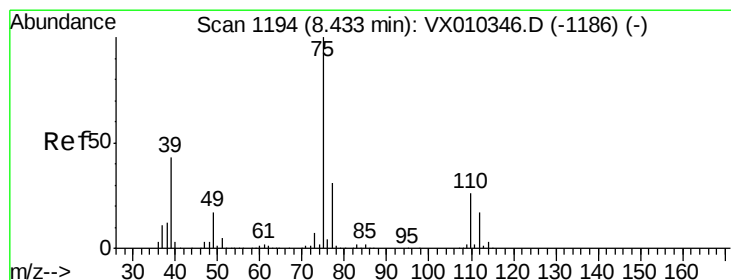
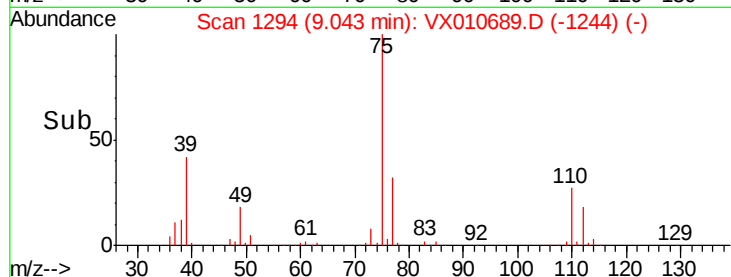
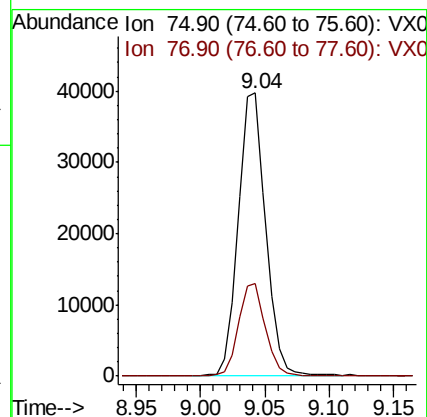
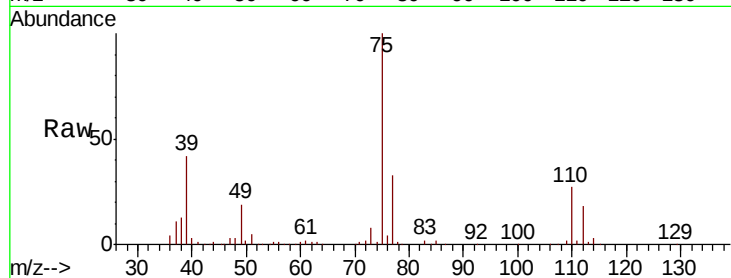
VX0708WBS01

Tot Ion: 75 Resp: 59023

Ion Ratio Lower Upper

75 100

77 32.6 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 20.151 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX010689.D

Acq: 08 Jul 2019 12:42

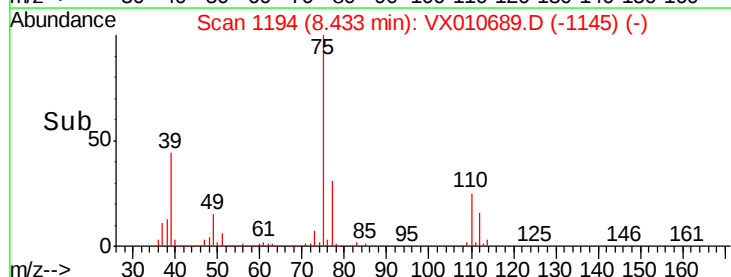
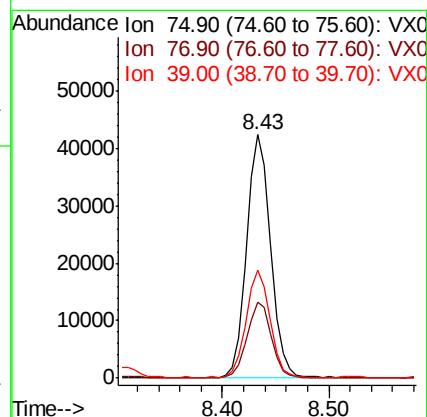
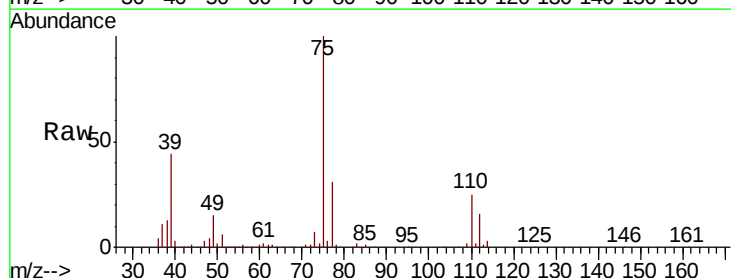
Tgt Ion: 75 Resp: 67385

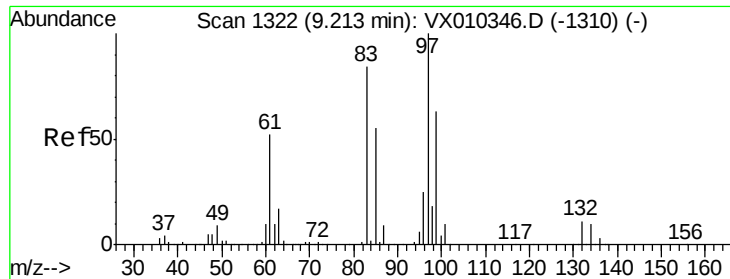
Ion Ratio Lower Upper

75 100

77 31.0 25.2 37.8

39 43.9 34.5 51.7





#55

1,1,2-Trichloroethane

Concen: 20.800 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX010689.D

Acq: 08 Jul 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBS01

Tot Ion: 97 Resp: 46697

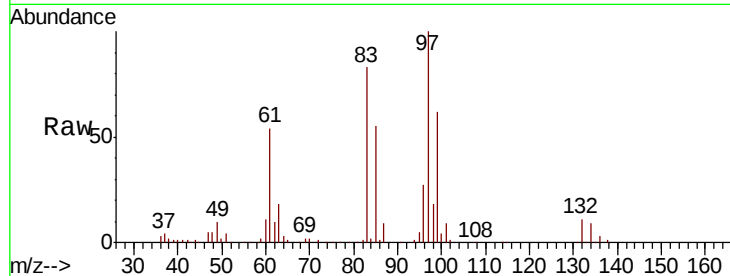
Ion Ratio Lower Upper

97 100

83 82.9 67.4 101.0

85 55.2 43.8 65.8

99 62.1 50.3 75.5



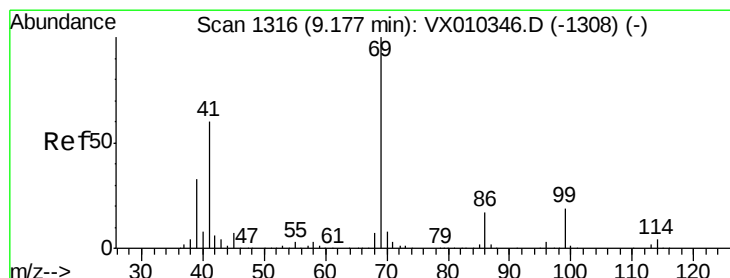
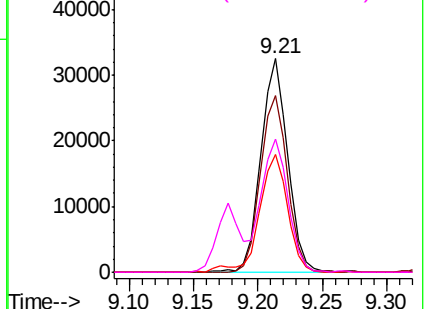
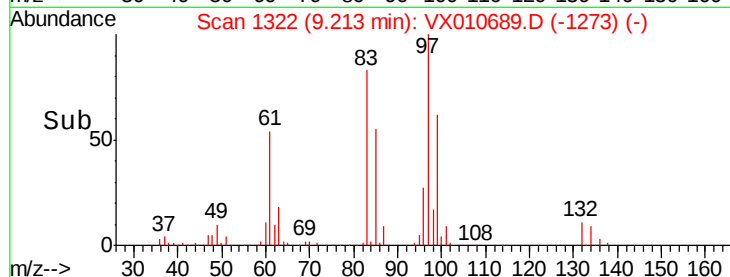
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 20.157 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX010689.D

Acq: 08 Jul 2019 12:42

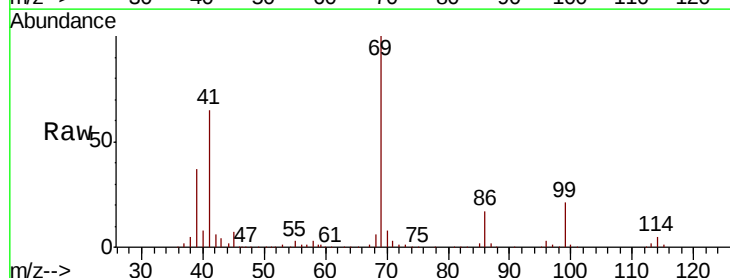
Tgt Ion: 69 Resp: 68553

Ion Ratio Lower Upper

69 100

41 60.5 47.1 70.7

39 37.3 26.6 40.0

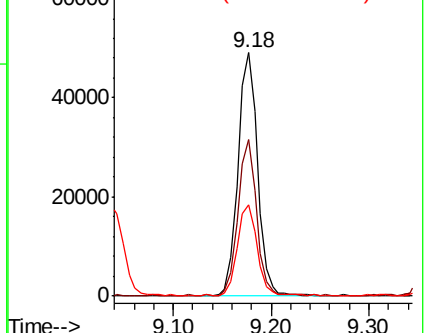
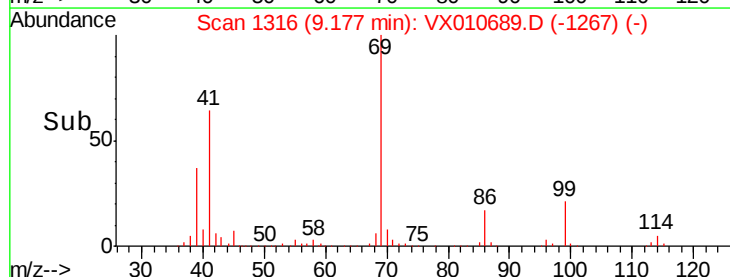


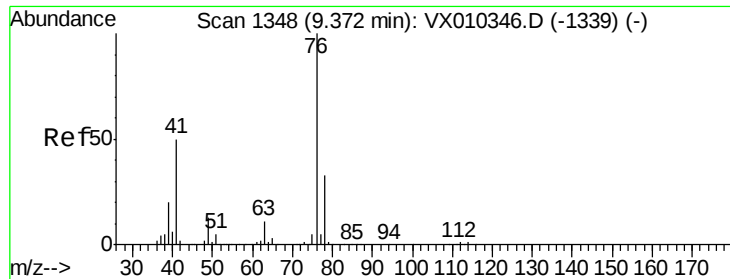
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 20.760 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX010689.D

Acq: 08 Jul 2019 12:42

Instrument :

MSVOA_X

ClientSampled :

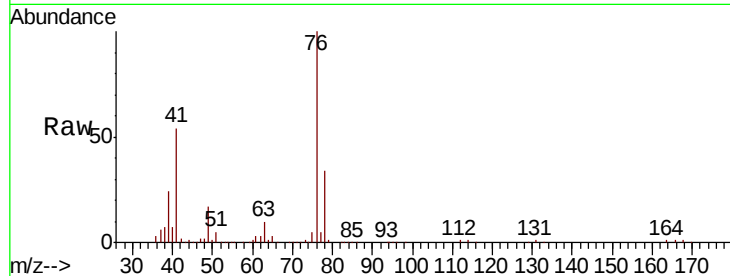
VX0708WBS01

Tot Ion: 76 Resp: 72348

Ion Ratio Lower Upper

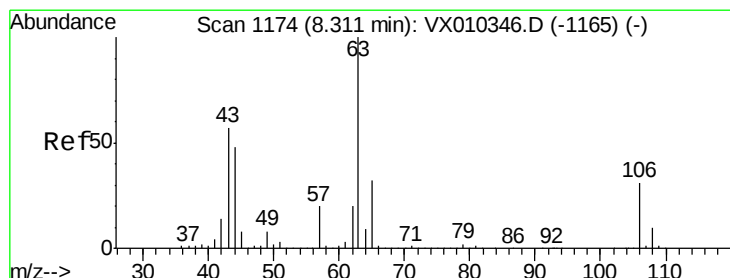
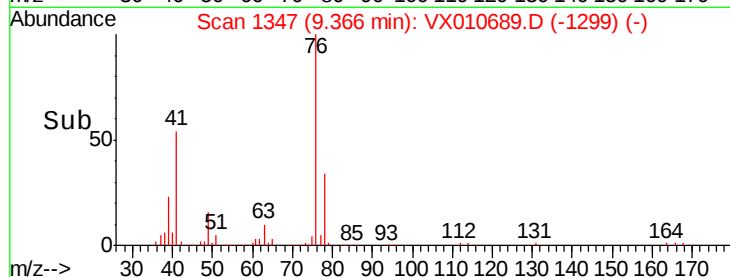
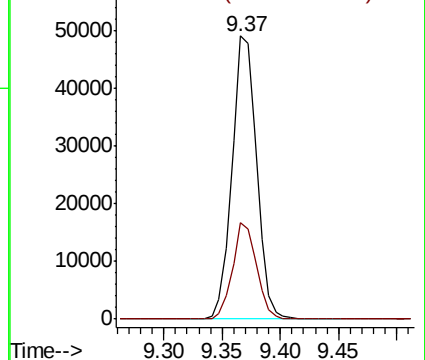
76 100

78 33.3 26.1 39.1



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: 91.851 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX010689.D

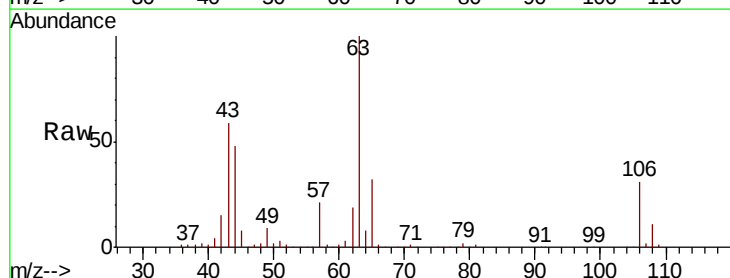
Acq: 08 Jul 2019 12:42

Tgt Ion: 63 Resp: 148359

Ion Ratio Lower Upper

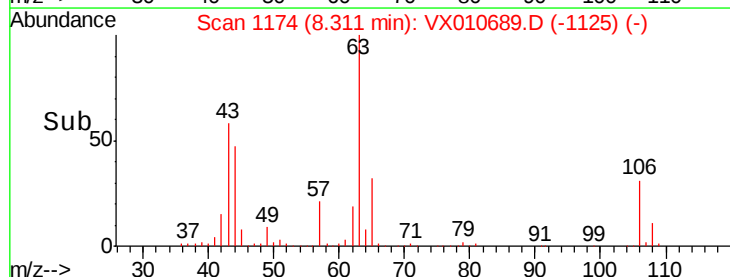
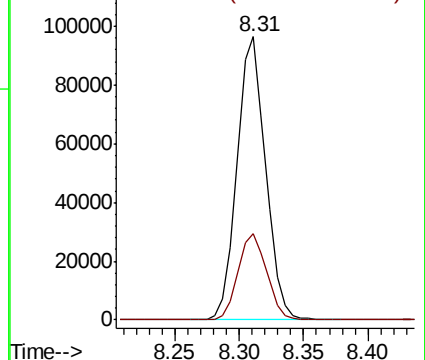
63 100

106 30.6 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

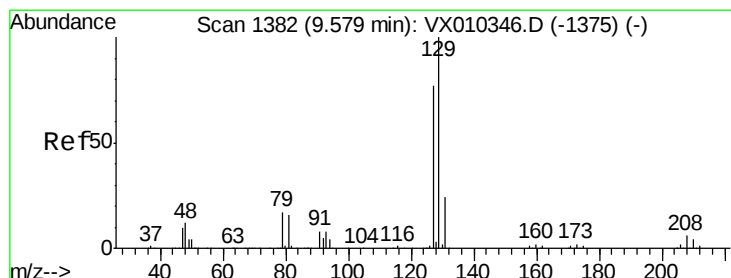
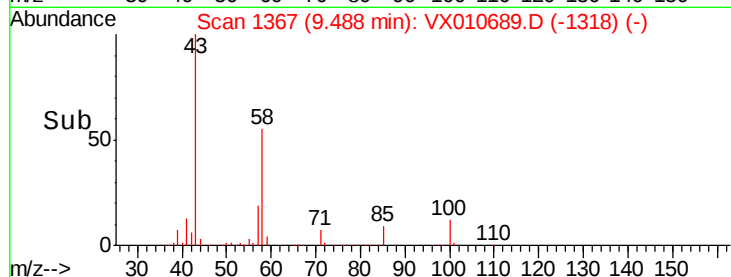
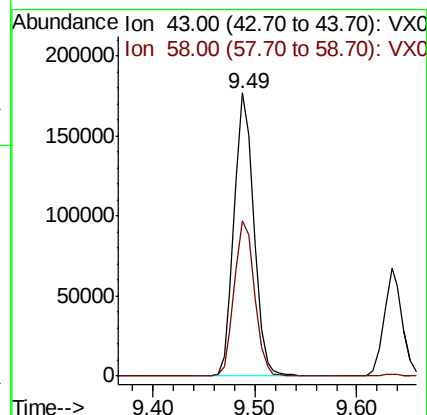
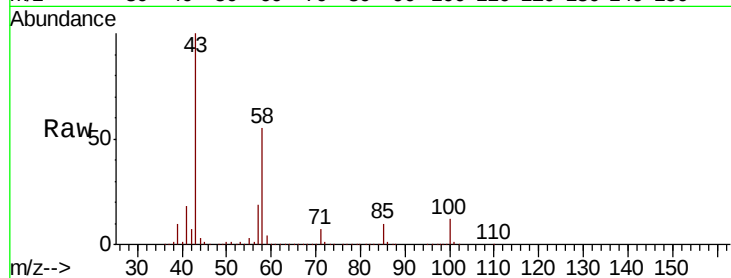




#59
2-Hexanone
Concen: 103.833 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010689.D
Acq: 08 Jul 2019 12:42

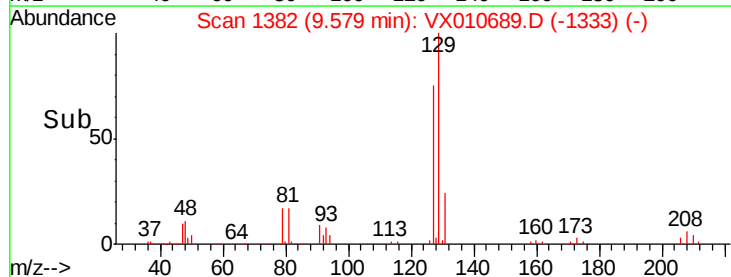
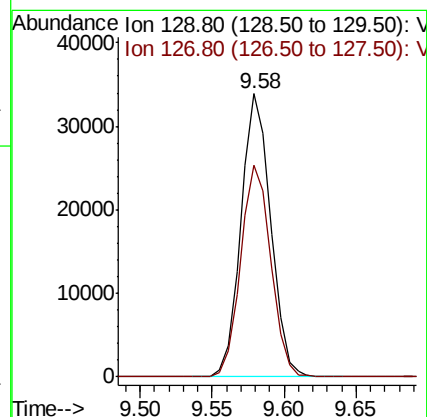
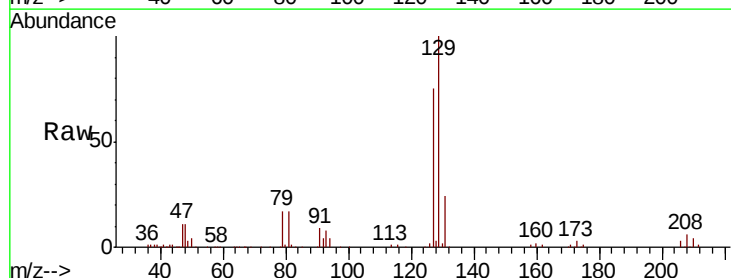
Instrument :
MSVOA_X
ClientSampleId :
VX0708WBS01

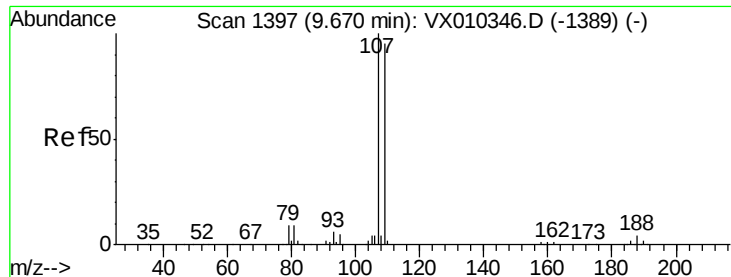
Tot Ion: 43 Resp: 236031
Ion Ratio Lower Upper
43 100
58 56.6 29.0 87.1



#60
Dibromochloromethane
Concen: 19.316 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010689.D
Acq: 08 Jul 2019 12:42

Tgt Ion: 129 Resp: 48554
Ion Ratio Lower Upper
129 100
127 75.8 38.4 115.1





#61

1,2-Dibromoethane

Concen: 20.689 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010689.D

Acq: 08 Jul 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

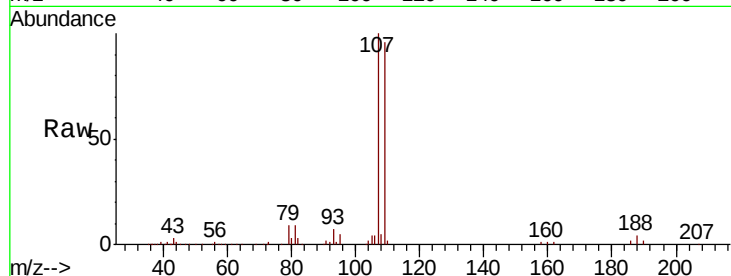
VX0708WBS01

Tot Ion:107 Resp: 50136

Ion Ratio Lower Upper

107 100

109 93.8 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

40000

30000

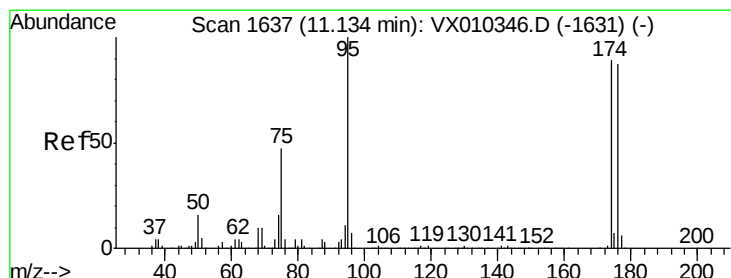
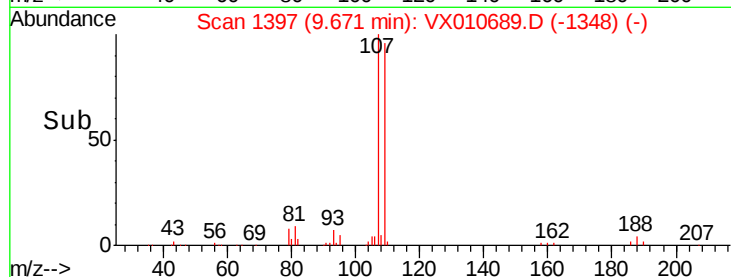
20000

10000

0

Time-->

9.60 9.65 9.70 9.75 9.80



#62

4-Bromofluorobenzene

Concen: 49.378 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010689.D

Acq: 08 Jul 2019 12:42

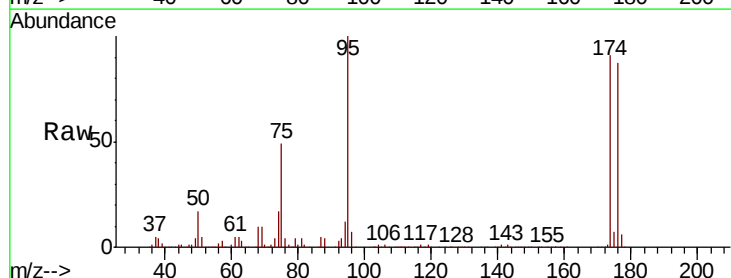
Tgt Ion: 95 Resp: 139327

Ion Ratio Lower Upper

95 100

174 93.9 0.0 187.6

176 90.6 0.0 184.0



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

150000

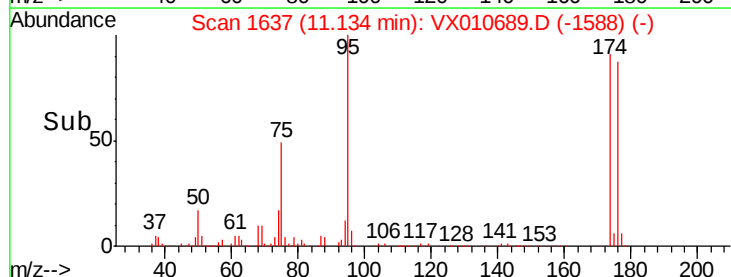
100000

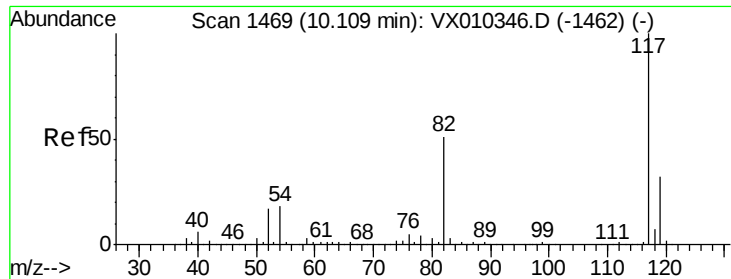
50000

0

Time-->

11.10 11.20

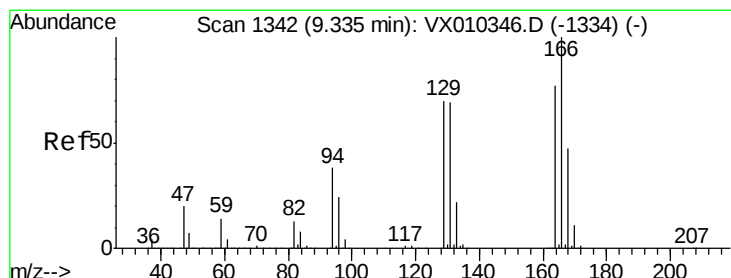
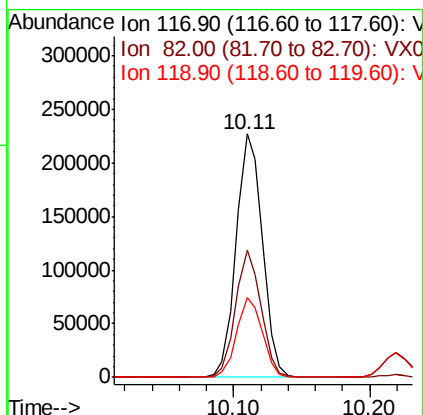
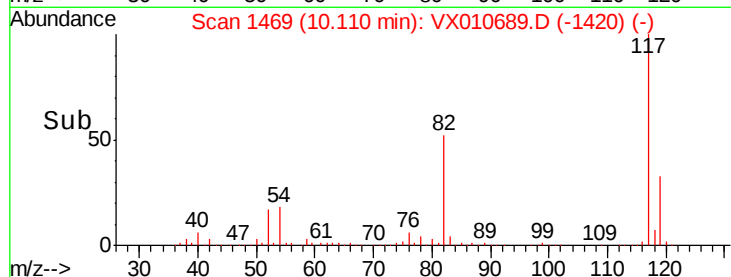
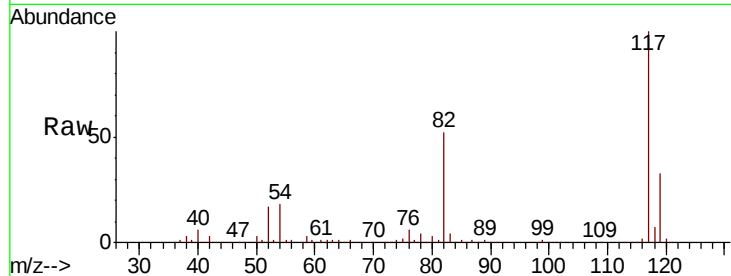




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010689.D
Acq: 08 Jul 2019 12:42

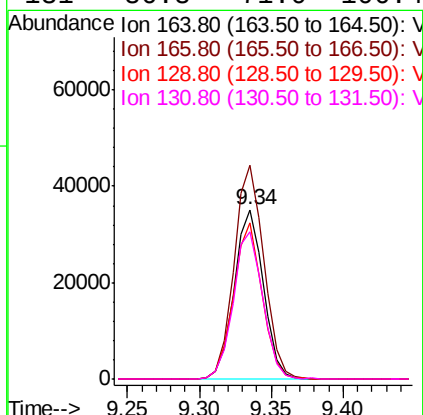
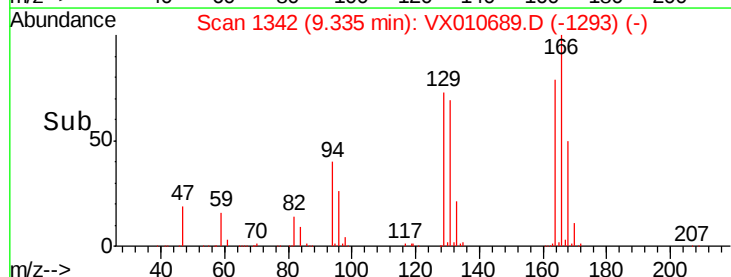
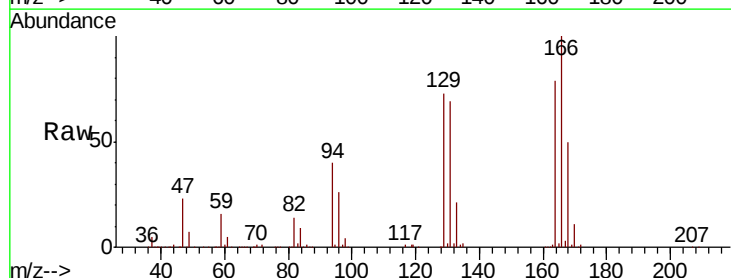
Instrument :
MSVOA_X
ClientSampleId :
VX0708WBS01

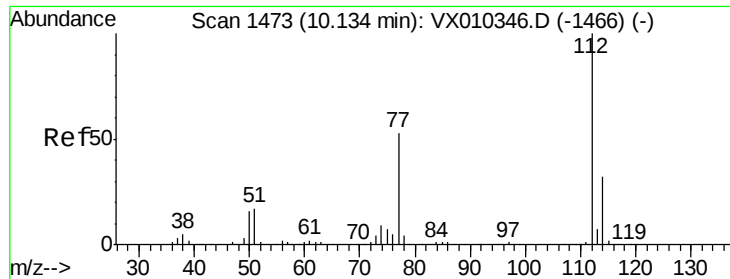
Tot Ion:117 Resp: 303935
Ion Ratio Lower Upper
117 100
82 52.0 41.2 61.8
119 32.6 25.5 38.3



#64
Tetrachloroethene
Concen: 20.233 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010689.D
Acq: 08 Jul 2019 12:42

Tgt Ion:164 Resp: 49738
Ion Ratio Lower Upper
164 100
166 126.4 103.6 155.4
129 92.7 73.0 109.4
131 86.8 71.0 106.4

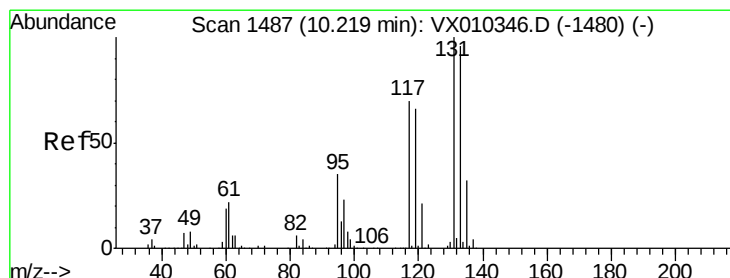
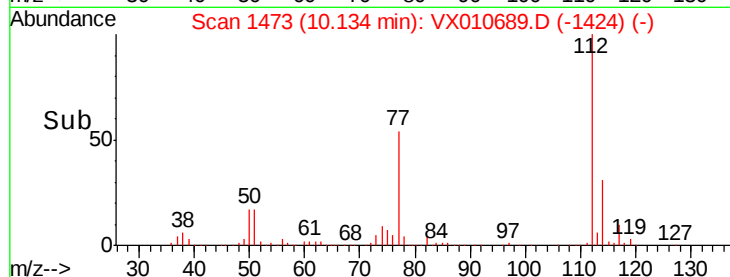
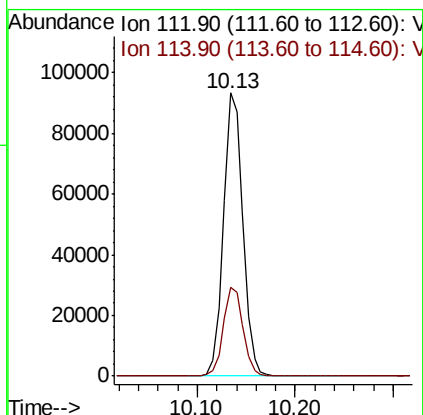
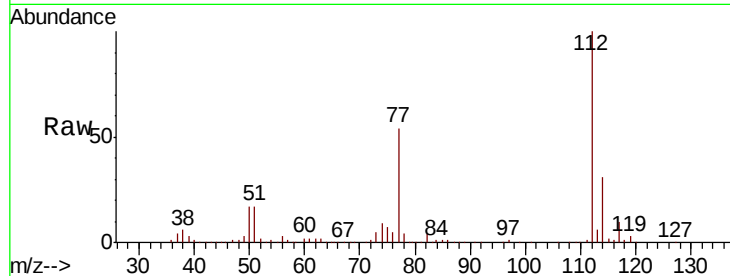




#65
Chlorobenzene
Concen: 20.682 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX010689.D
Acq: 08 Jul 2019 12:42

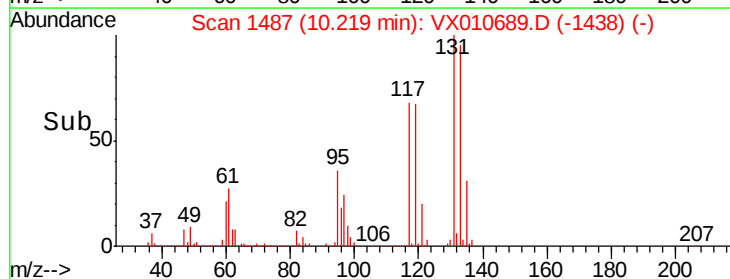
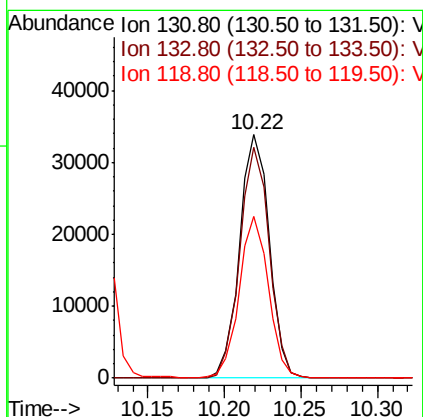
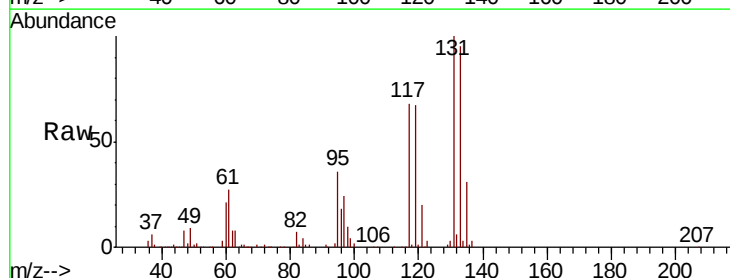
Instrument :
MSVOA_X
ClientSampleId :
VX0708WBS01

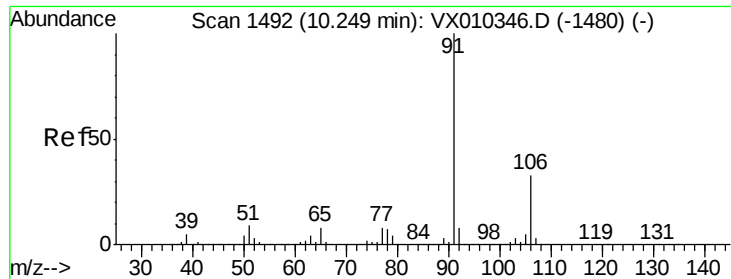
Tot Ion:112 Resp: 127619
Ion Ratio Lower Upper
112 100
114 31.2 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 20.352 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX010689.D
Acq: 08 Jul 2019 12:42

Tgt Ion:131 Resp: 45744
Ion Ratio Lower Upper
131 100
133 94.2 47.7 143.1
119 65.5 32.6 97.7

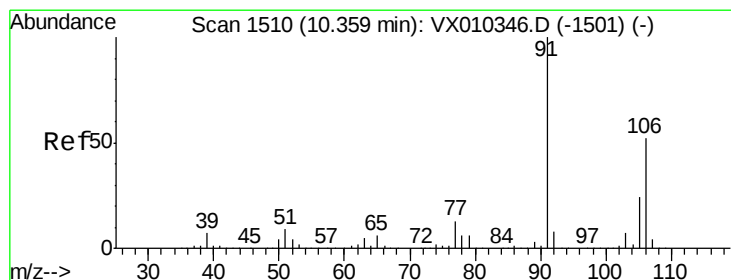
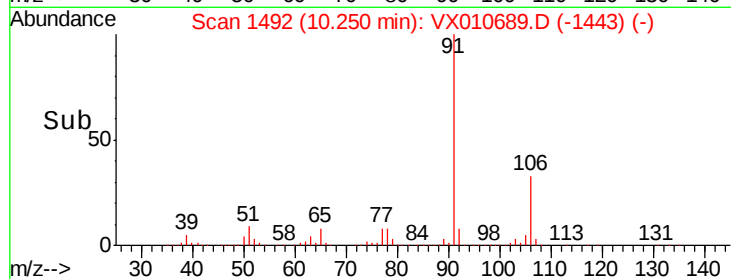
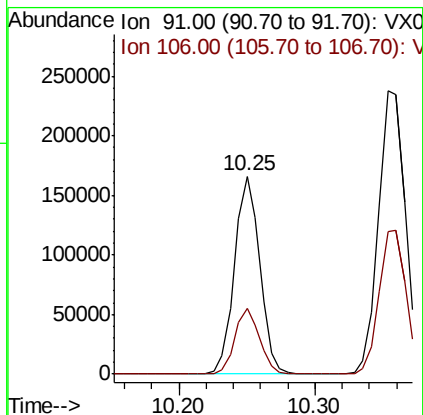
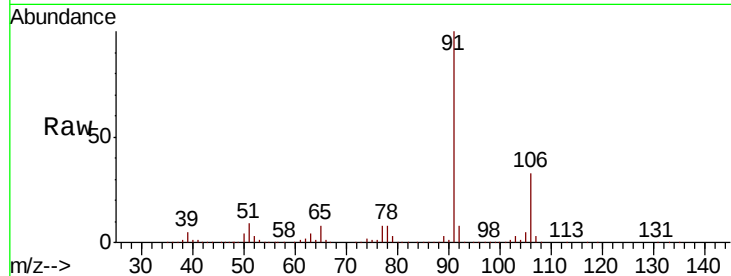




#67
Ethyl Benzene
Concen: 20.614 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010689.D
Acq: 08 Jul 2019 12:42

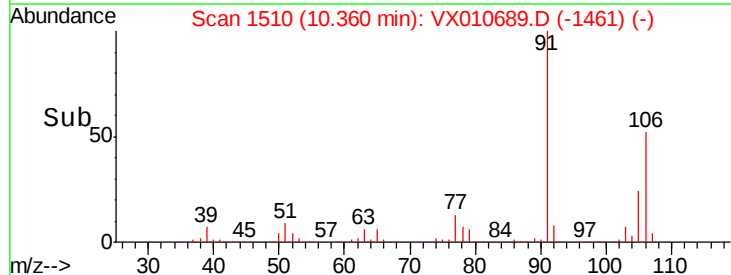
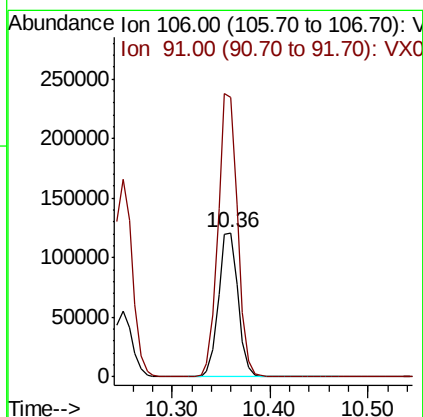
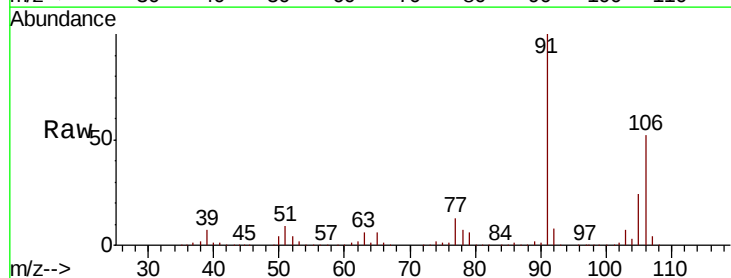
Instrument :
MSVOA_X
ClientSampleId :
VX0708WBS01

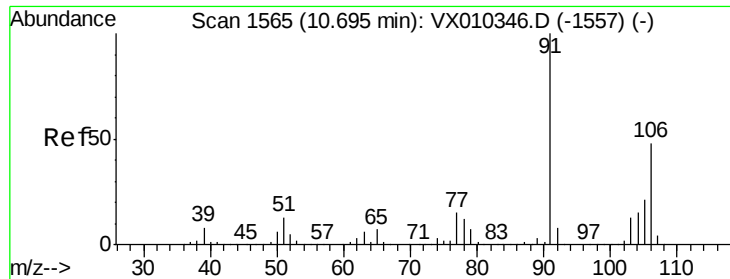
Tot Ion: 91 Resp: 214738
Ion Ratio Lower Upper
91 100
106 33.4 26.2 39.2



#68
m/p-Xylenes
Concen: 41.499 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010689.D
Acq: 08 Jul 2019 12:42

Tgt Ion: 106 Resp: 167504
Ion Ratio Lower Upper
106 100
91 195.0 155.3 232.9

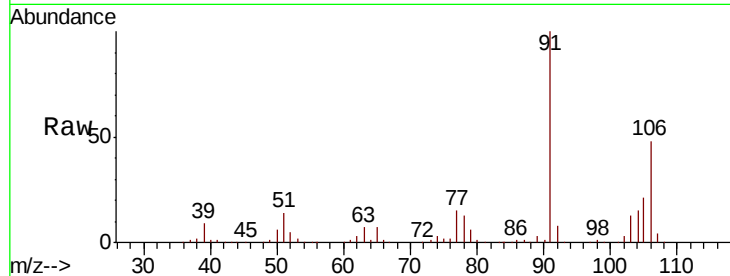




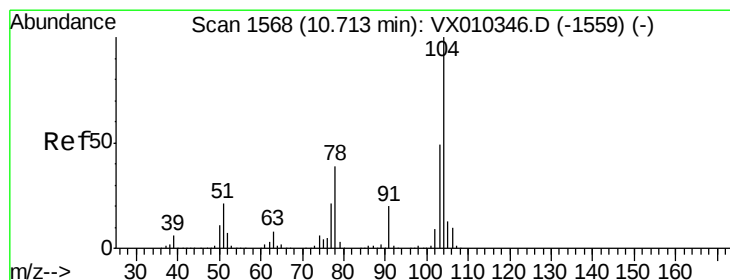
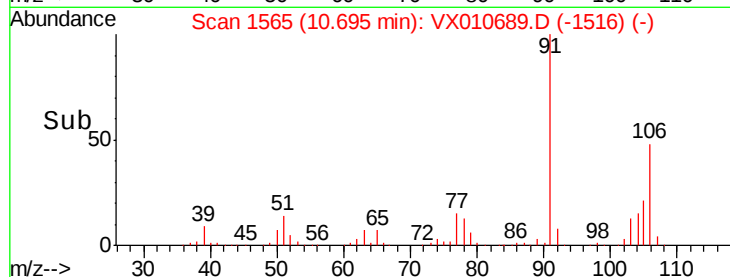
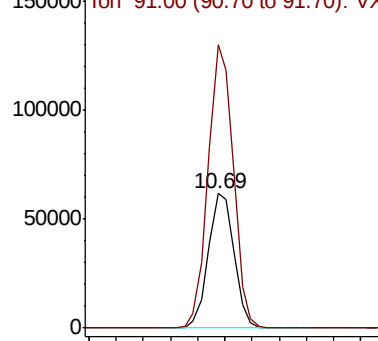
#69
o-Xylene
Concen: 20.567 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010689.D
Acq: 08 Jul 2019 12:42

Instrument :
MSVOA_X
ClientSampled :
VX0708WBS01

Tot Ion:106 Resp: 81638
Ion Ratio Lower Upper
106 100
91 206.2 102.7 308.1

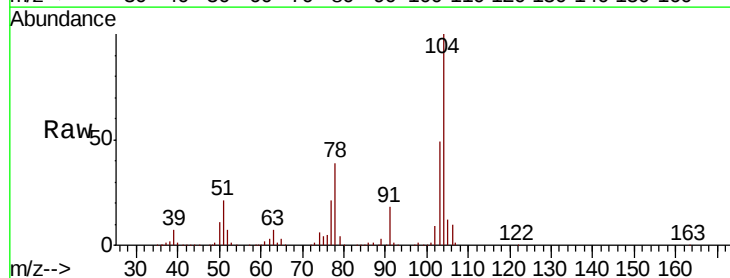


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

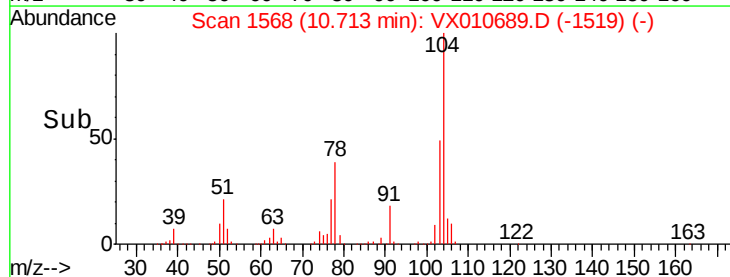
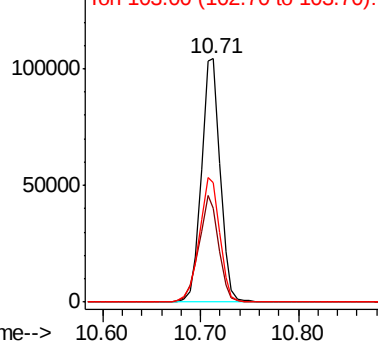


#70
Styrene
Concen: 20.864 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX010689.D
Acq: 08 Jul 2019 12:42

Tgt Ion:104 Resp: 138885
Ion Ratio Lower Upper
104 100
78 46.2 36.2 54.2
103 55.8 44.2 66.4



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





#71

Bromoform

Concen: 18.331 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010689.D

Acq: 08 Jul 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBS01

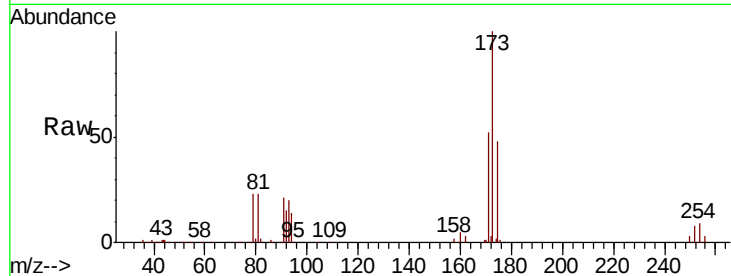
Tot Ion:173 Resp: 35830

Ion Ratio Lower Upper

173 100

175 48.3 24.1 72.3

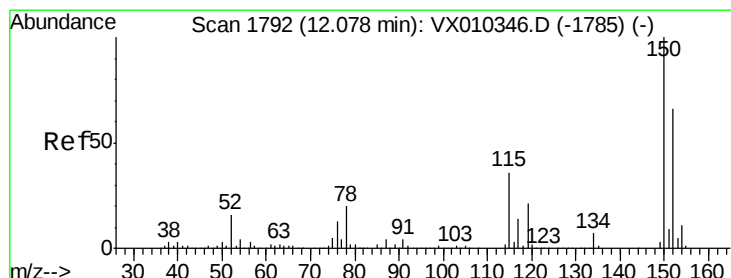
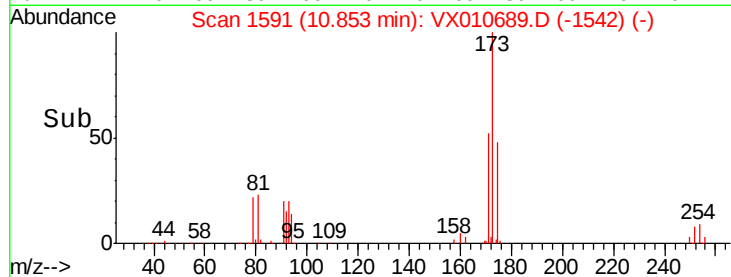
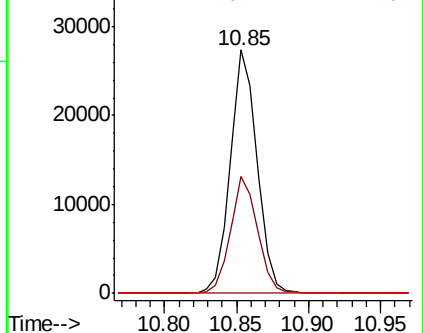
254 0.1 0.2 0.2#



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: VX010689.D

Acq: 08 Jul 2019 12:42

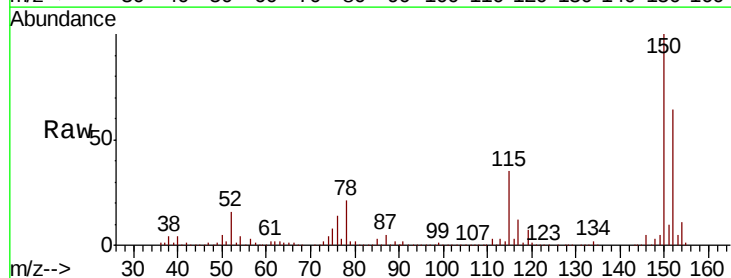
Tgt Ion:152 Resp: 157410

Ion Ratio Lower Upper

152 100

115 64.8 38.6 115.7

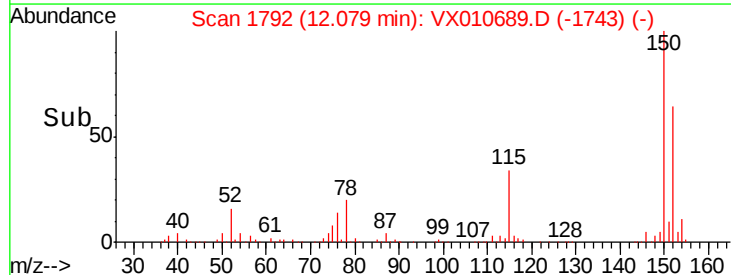
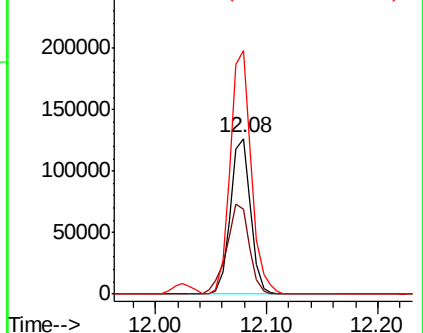
150 163.2 0.0 347.4

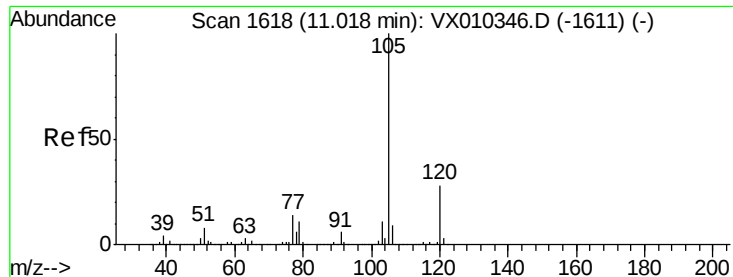


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.583 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010689.D

Acq: 08 Jul 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

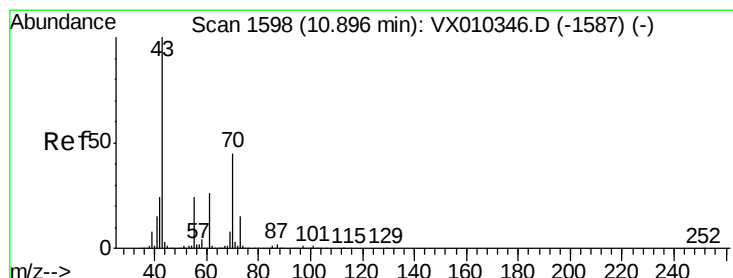
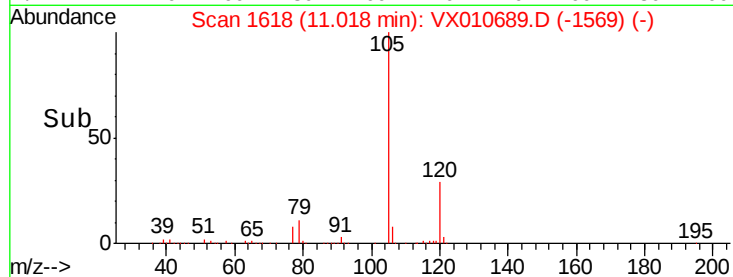
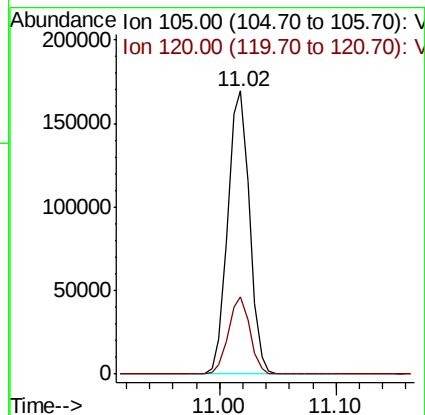
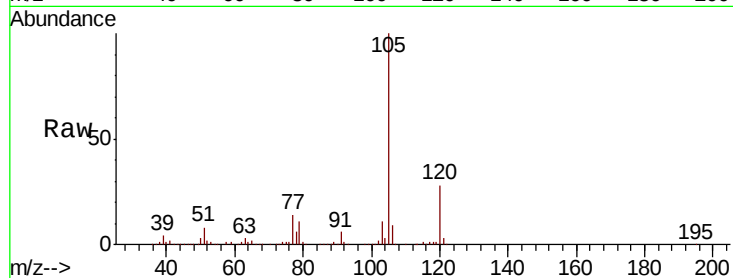
VX0708WBS01

Tot Ion:105 Resp: 219626

Ion Ratio Lower Upper

105 100

120 27.0 14.1 42.4



#74

N-ethyl acetate

Concen: 20.646 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010689.D

Acq: 08 Jul 2019 12:42

Tgt Ion: 43 Resp: 83258

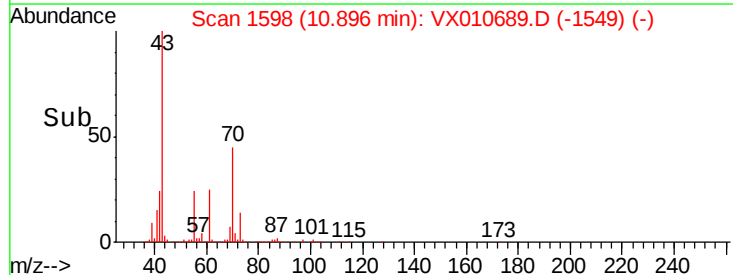
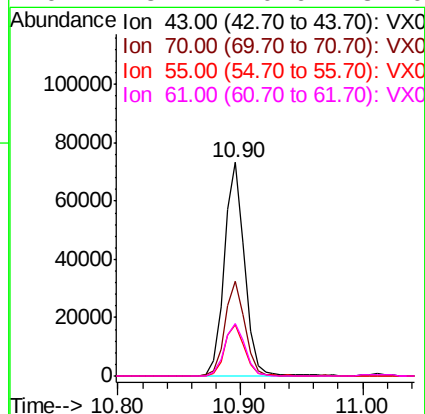
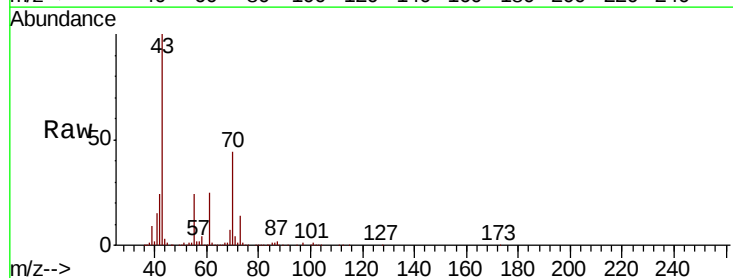
Ion Ratio Lower Upper

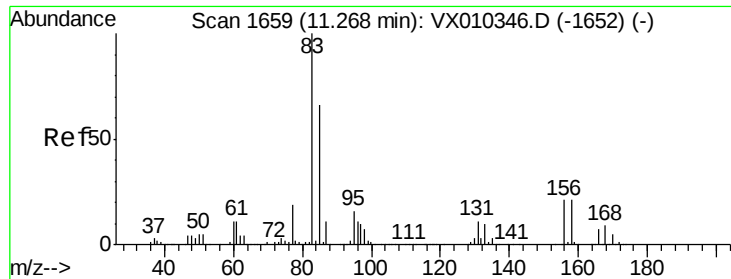
43 100

70 44.3 36.6 54.8

55 24.5 18.7 28.1

61 25.4 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.462 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010689.D

Acq: 08 Jul 2019 12:42

Instrument :

MSVOA_X

ClientSampled :

VX0708WBS01

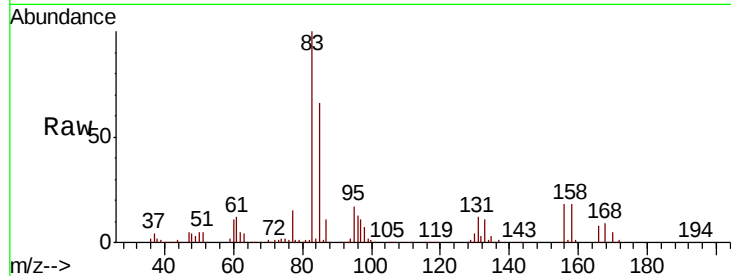
Tot Ion: 83 Resp: 72309

Ion Ratio Lower Upper

83 100

131 10.7 5.5 16.4

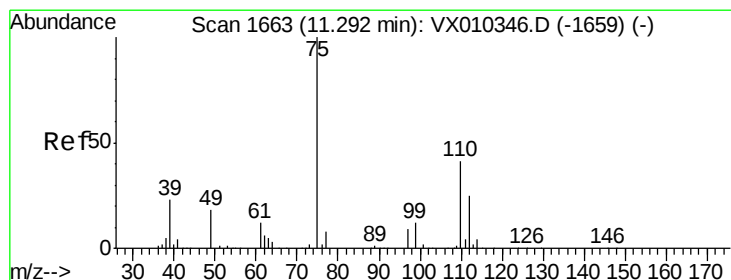
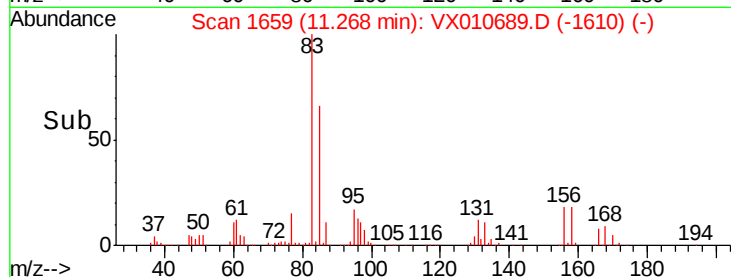
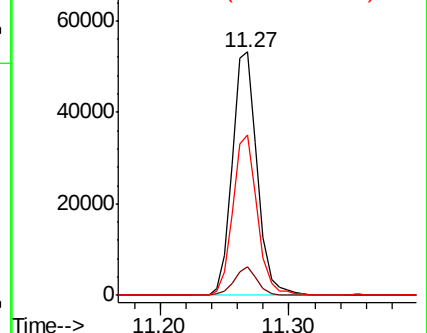
85 64.7 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 27.146 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX010689.D

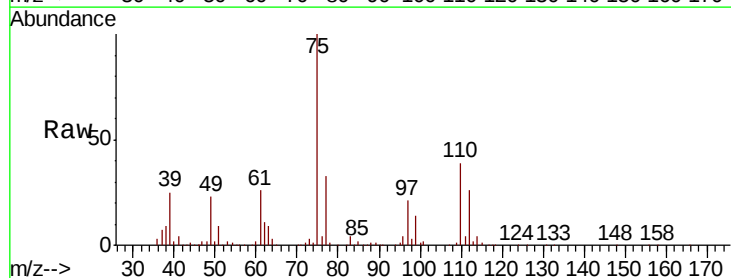
Acq: 08 Jul 2019 12:42

Tgt Ion: 75 Resp: 77867

Ion Ratio Lower Upper

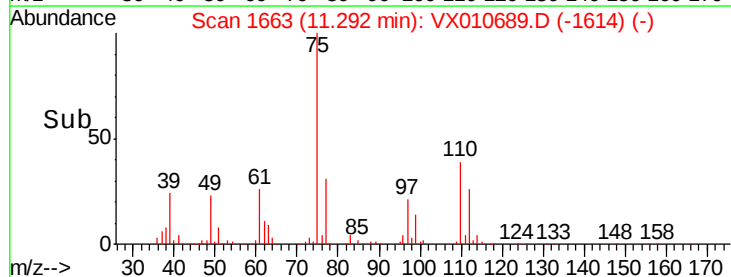
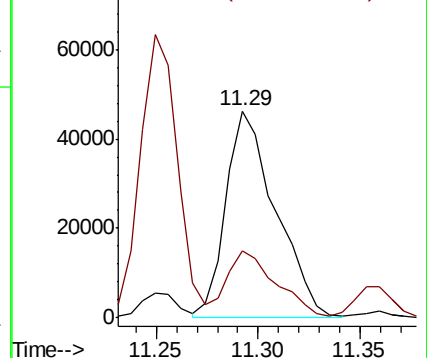
75 100

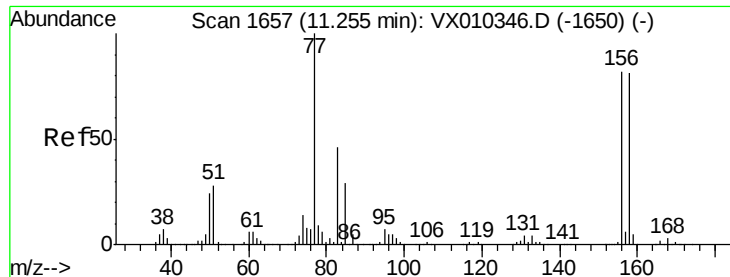
77 32.1 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.748 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX010689.D

Acq: 08 Jul 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBS01

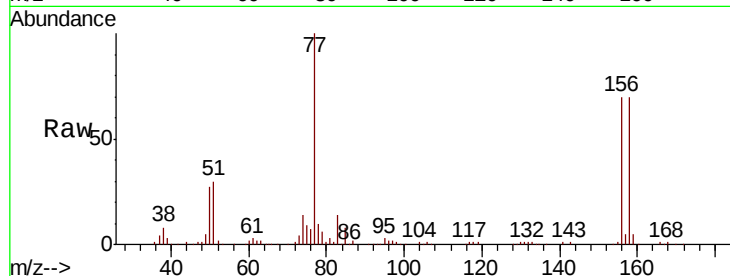
Tot Ion:156 Resp: 58839

Ion Ratio Lower Upper

156 100

77 136.5 66.3 198.7

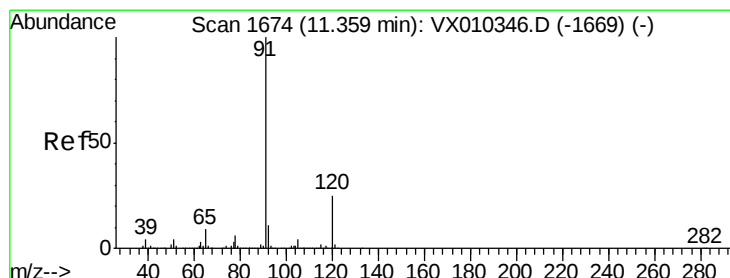
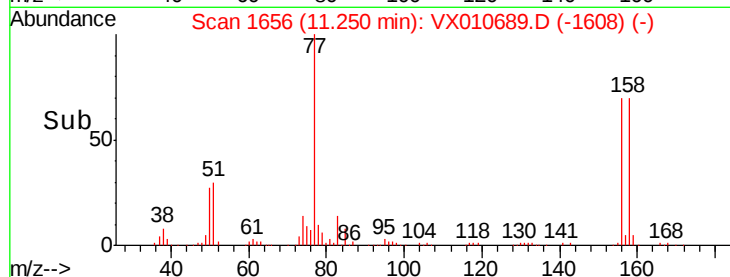
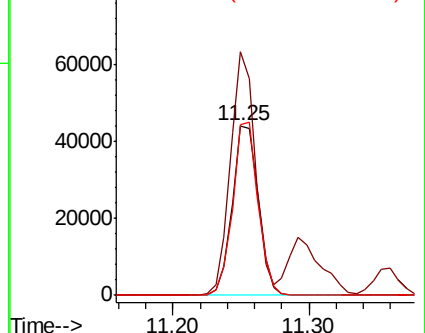
158 99.1 48.9 146.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.407 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010689.D

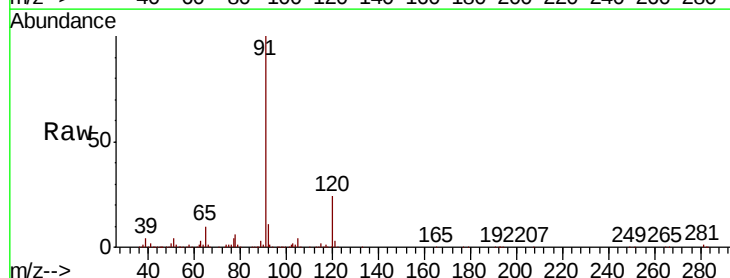
Acq: 08 Jul 2019 12:42

Tgt Ion: 91 Resp: 239321

Ion Ratio Lower Upper

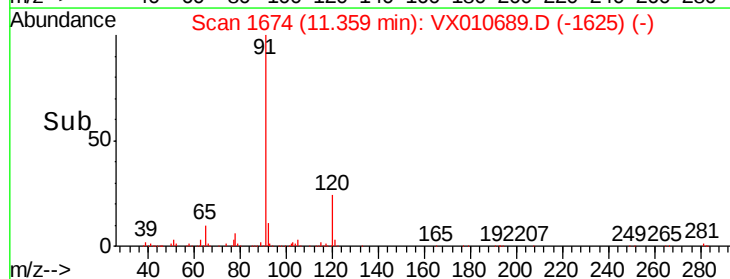
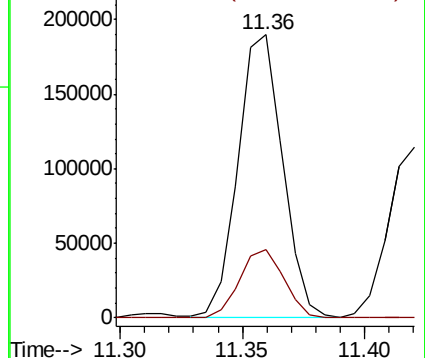
91 100

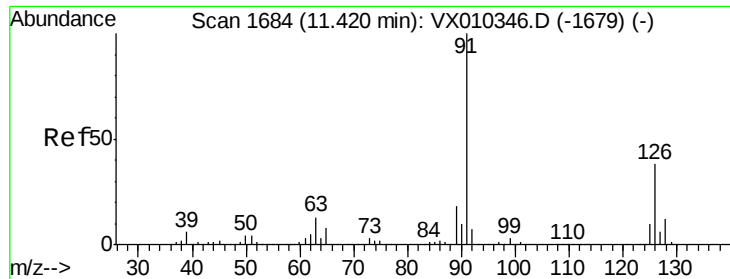
120 24.5 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

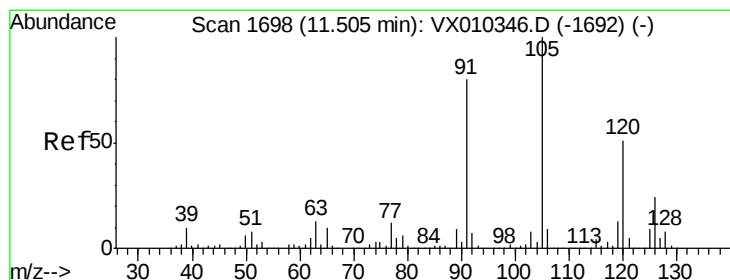
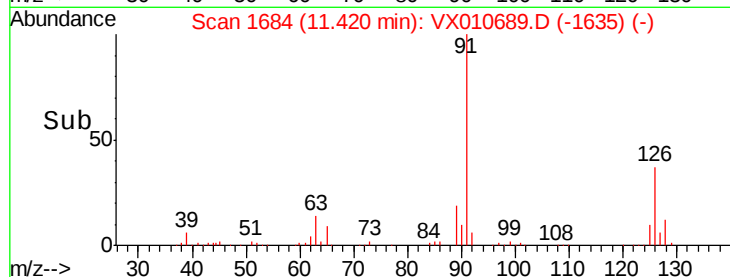
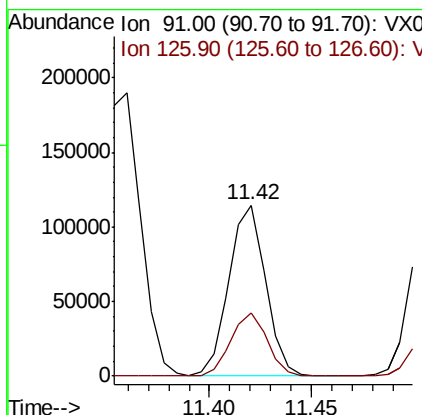
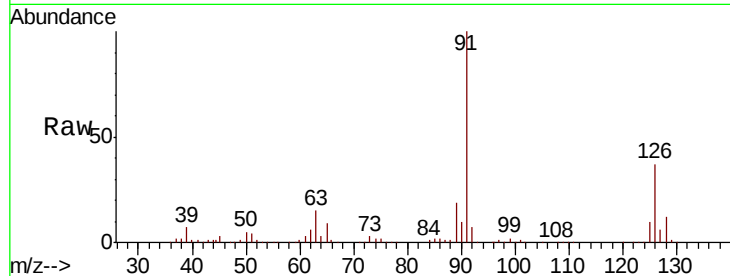




#79
 2-Chlorotoluene
 Concen: 20.288 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX010689.D
 Acq: 08 Jul 2019 12:42

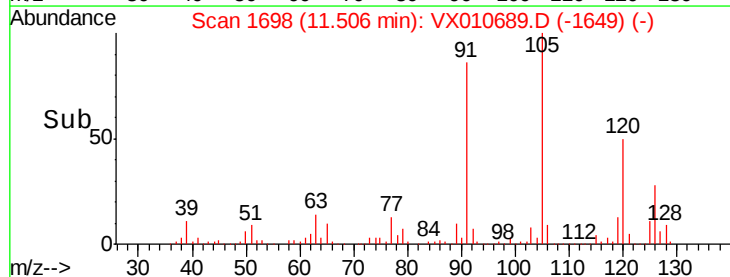
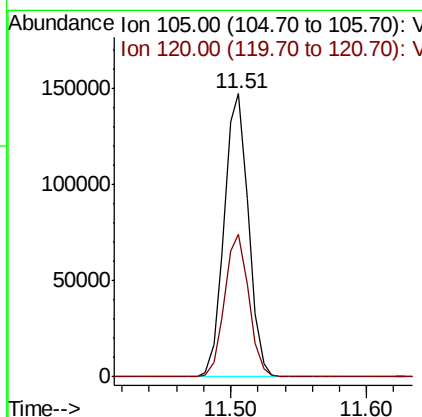
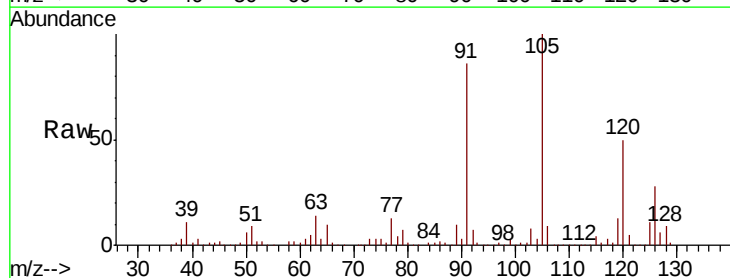
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0708WBS01

Tot Ion: 91 Resp: 141677
 Ion Ratio Lower Upper
 91 100
 126 37.5 18.7 56.1



#80
 1,3,5-Trimethylbenzene
 Concen: 20.675 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010689.D
 Acq: 08 Jul 2019 12:42

Tgt Ion:105 Resp: 181867
 Ion Ratio Lower Upper
 105 100
 120 50.3 25.2 75.6

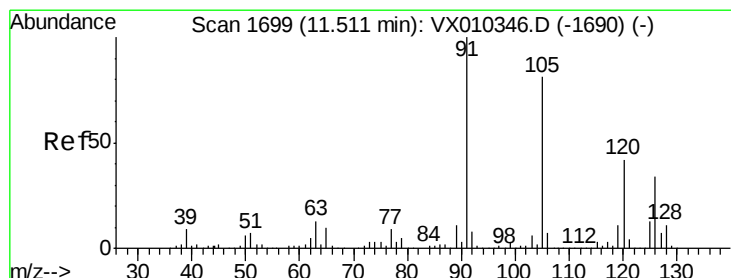
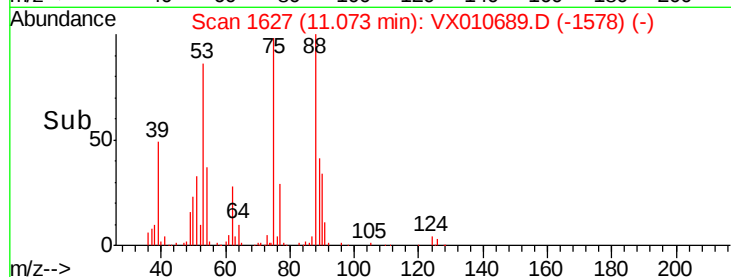
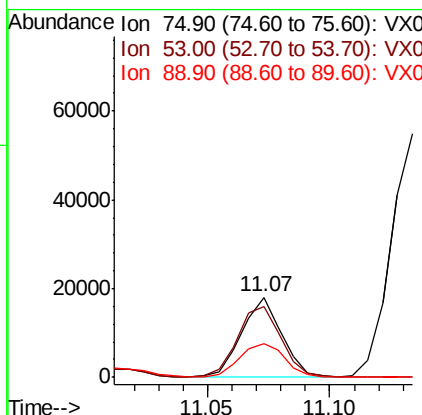
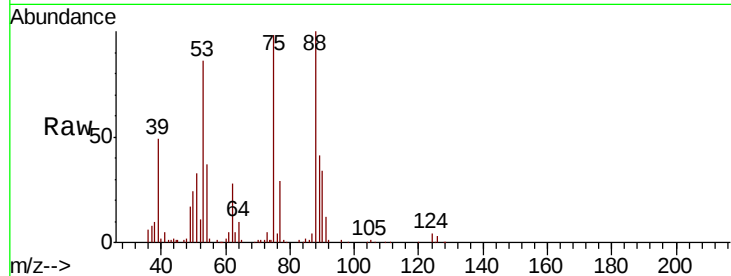




#81
trans-1,4-Dichloro-2-butene
Concen: 16.748 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX010689.D
Acq: 08 Jul 2019 12:42

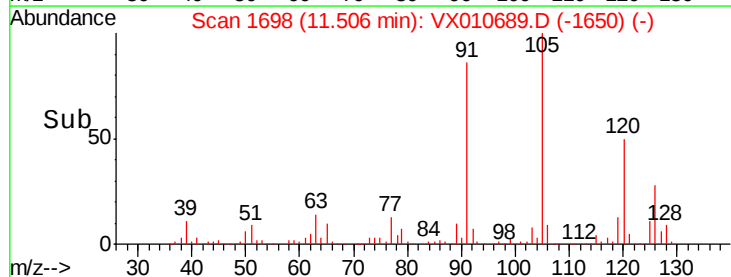
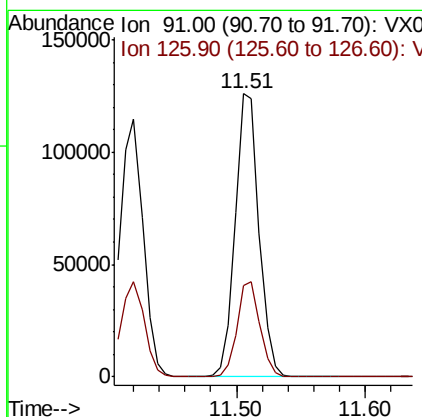
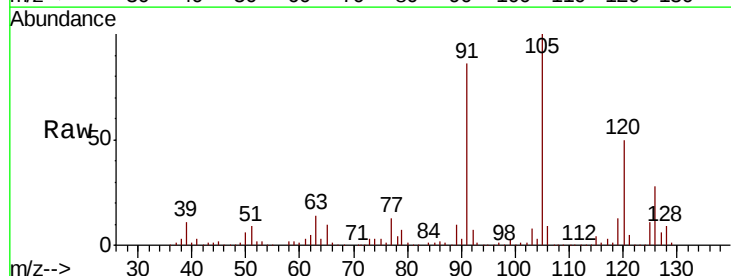
Instrument :
MSVOA_X
ClientSampleId :
VX0708WBS01

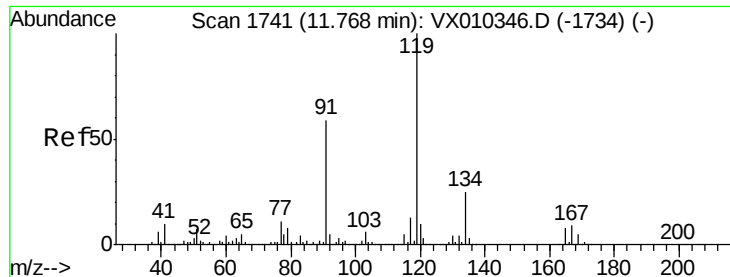
Tot Ion: 75 Resp: 20592
Ion Ratio Lower Upper
75 100
53 95.8 66.1 99.1
89 47.1 37.8 56.6



#82
4-Chlorotoluene
Concen: 20.387 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX010689.D
Acq: 08 Jul 2019 12:42

Tgt Ion: 91 Resp: 161998
Ion Ratio Lower Upper
91 100
126 32.7 16.2 48.6

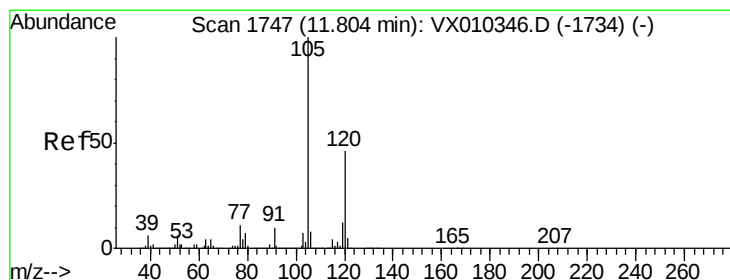
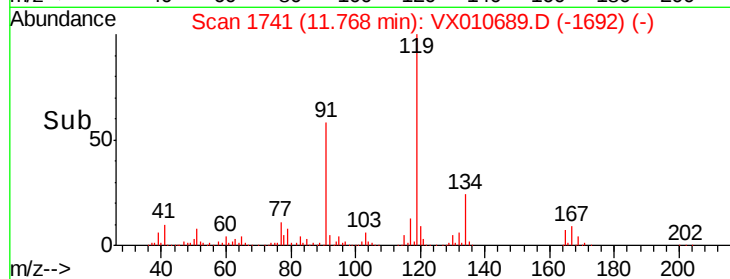
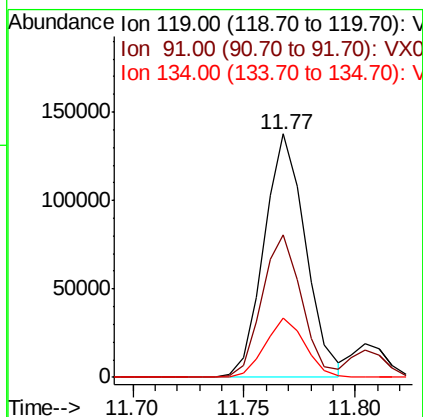
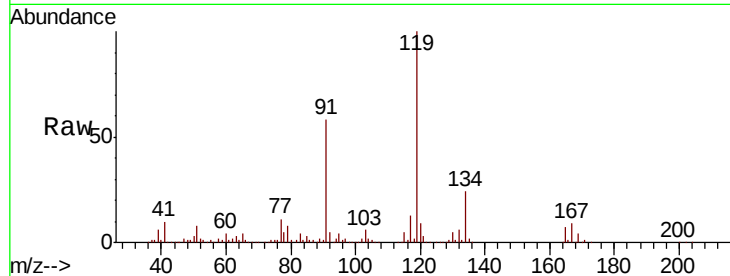




#83
 tert-Butylbenzene
 Concen: 20.145 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX010689.D
 Acq: 08 Jul 2019 12:42

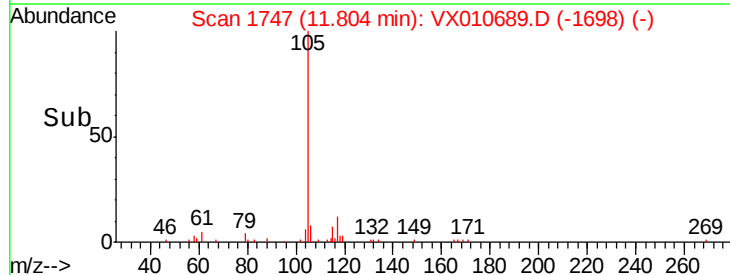
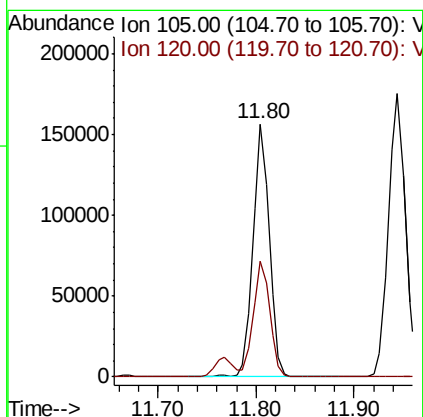
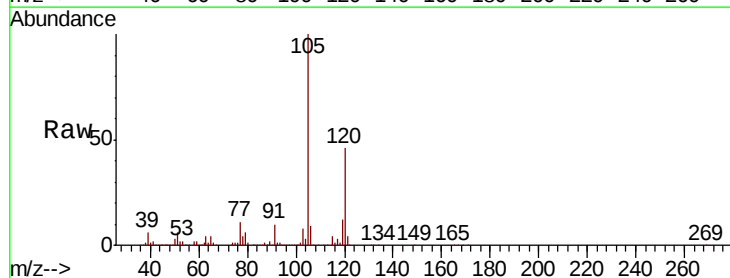
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0708WBS01

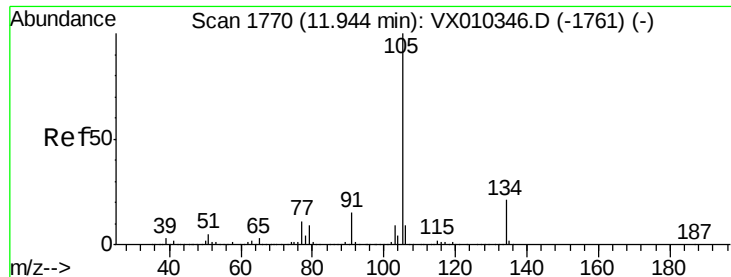
Tot Ion:119 Resp: 177859
 Ion Ratio Lower Upper
 119 100
 91 56.6 27.6 82.7
 134 23.6 11.8 35.4



#84
 1,2,4-Trimethylbenzene
 Concen: 20.621 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010689.D
 Acq: 08 Jul 2019 12:42

Tgt Ion:105 Resp: 182245
 Ion Ratio Lower Upper
 105 100
 120 45.7 23.1 69.2

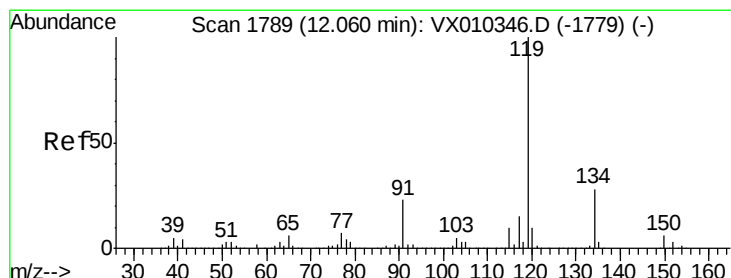
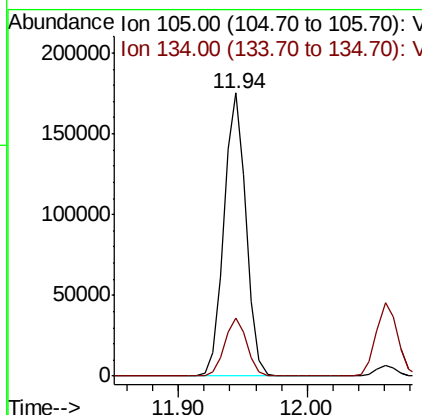
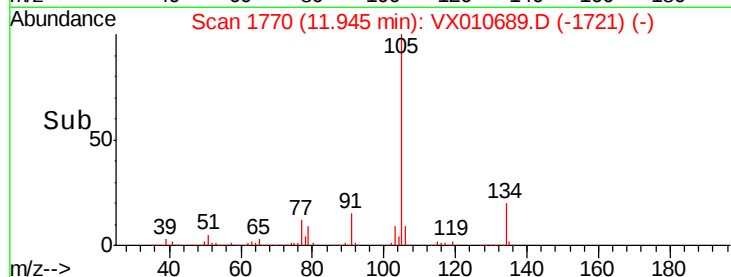
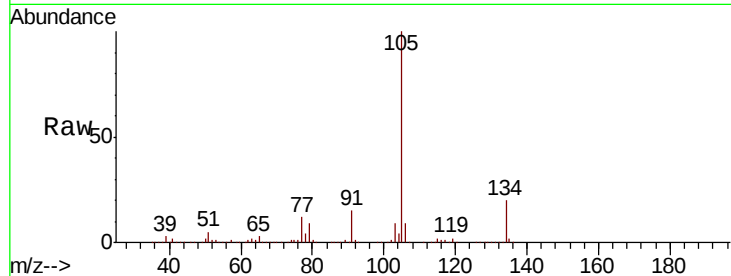




#85
 sec-Butylbenzene
 Concen: 20.403 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX010689.D
 Acq: 08 Jul 2019 12:42

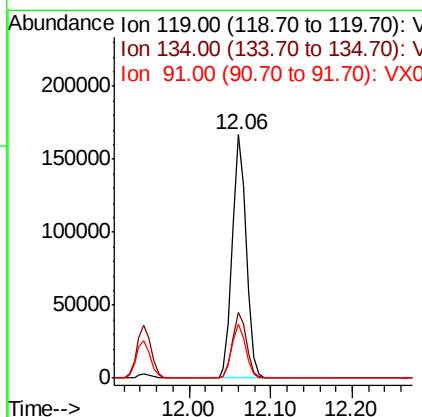
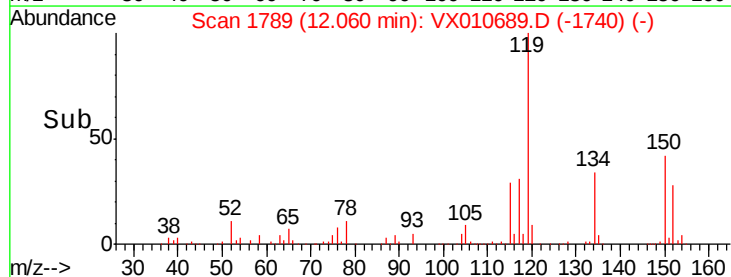
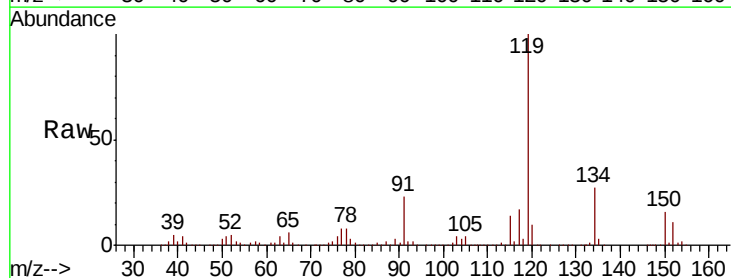
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0708WBS01

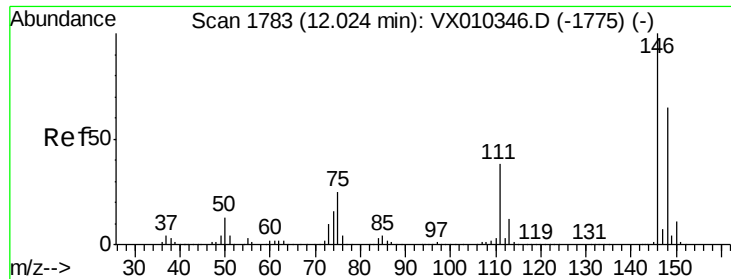
Tot Ion:105 Resp: 211507
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.7 31.9



#86
 p-Isopropyltoluene
 Concen: 20.151 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX010689.D
 Acq: 08 Jul 2019 12:42

Tgt Ion:119 Resp: 193218
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.7 41.1
 91 22.5 11.3 33.8

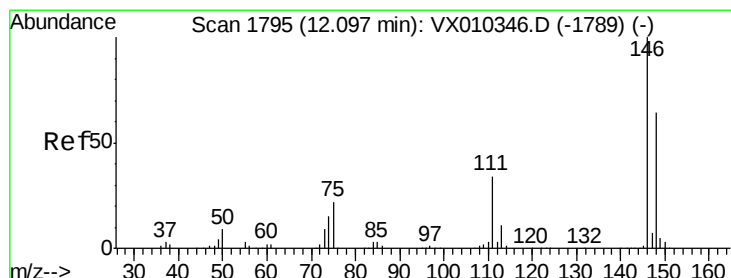
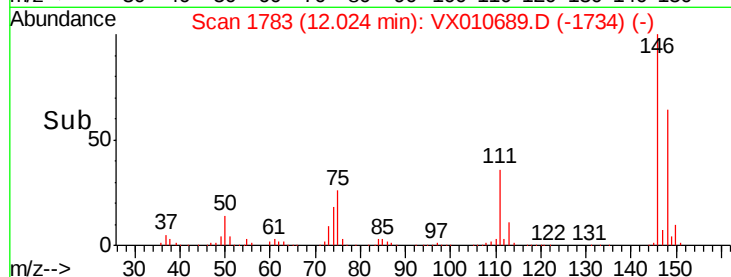
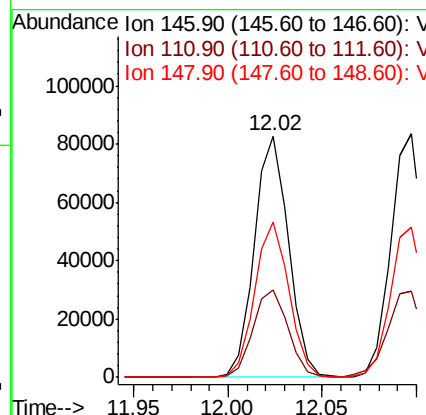
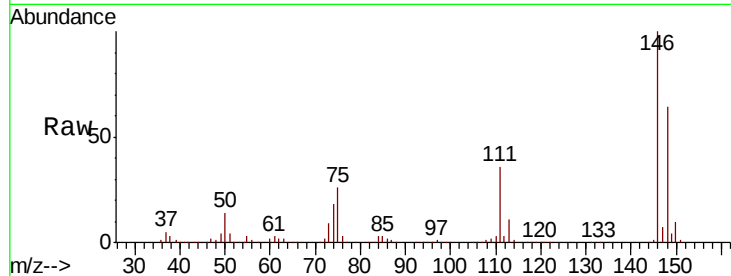




#87
 1,3-Dichlorobenzene
 Concen: 19.978 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010689.D
 Acq: 08 Jul 2019 12:42

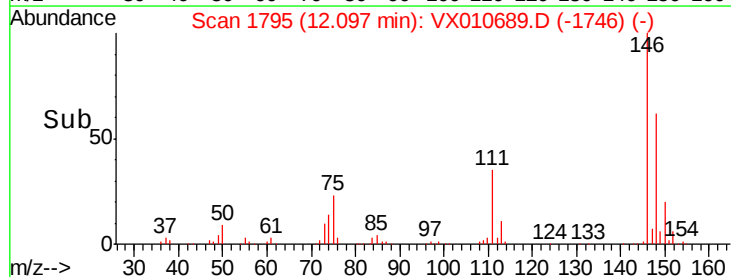
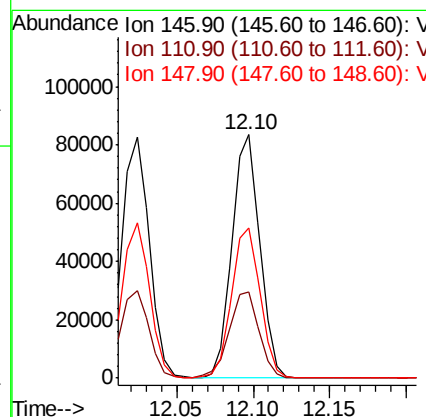
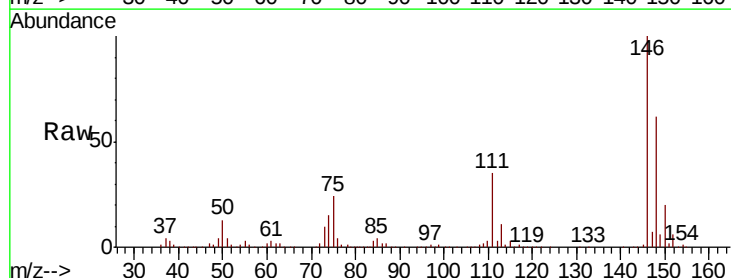
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0708WBS01

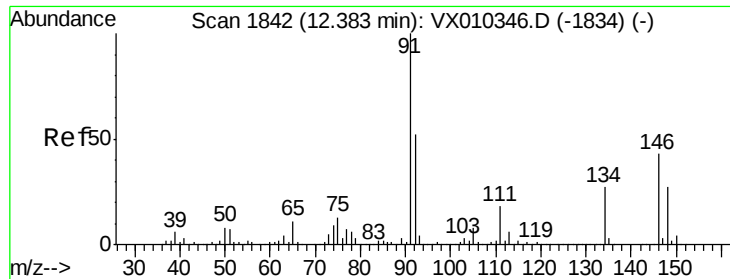
Tot Ion:146 Resp: 103904
 Ion Ratio Lower Upper
 146 100
 111 37.3 19.1 57.1
 148 64.4 32.5 97.4



#88
 1,4-Dichlorobenzene
 Concen: 19.907 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010689.D
 Acq: 08 Jul 2019 12:42

Tgt Ion:146 Resp: 105404
 Ion Ratio Lower Upper
 146 100
 111 38.1 18.1 54.3
 148 63.5 32.1 96.3

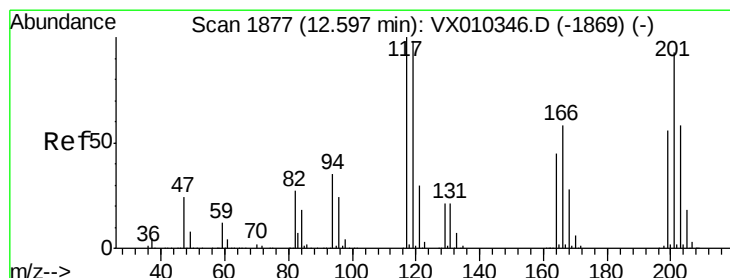
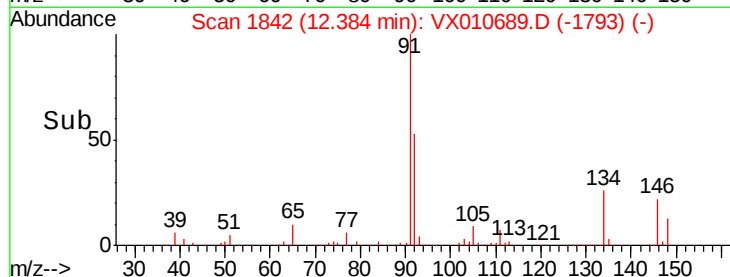
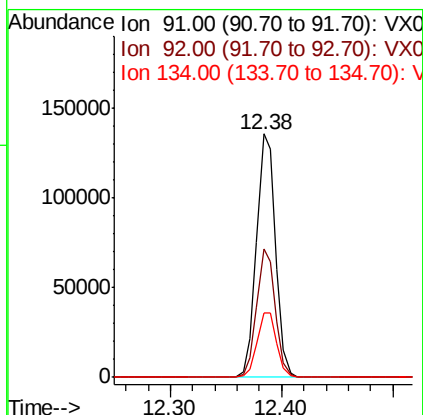
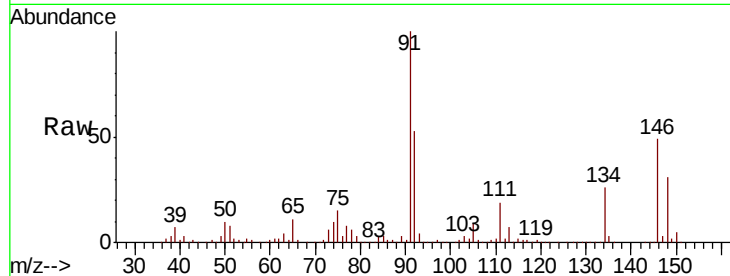




#89
n-Butylbenzene
Concen: 19.908 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010689.D
Acq: 08 Jul 2019 12:42

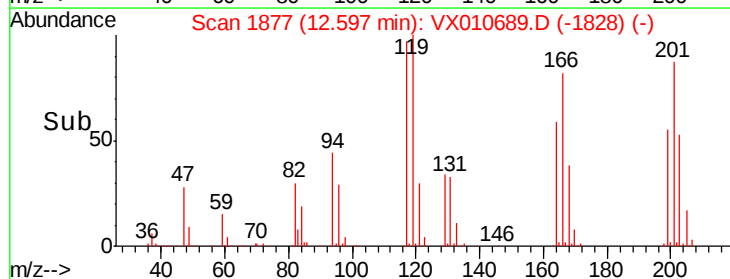
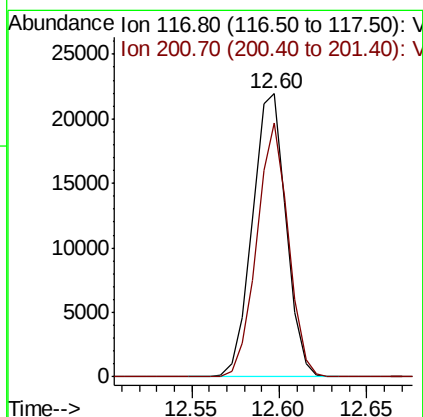
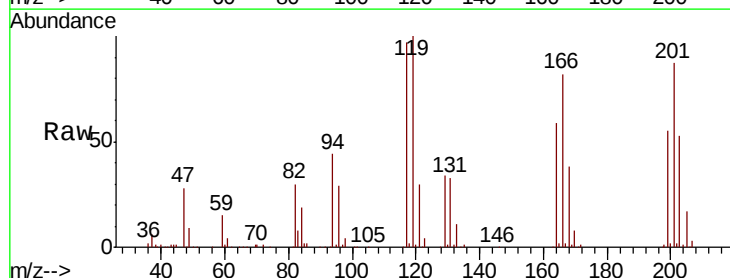
Instrument :
MSVOA_X
ClientSampleId :
VX0708WBS01

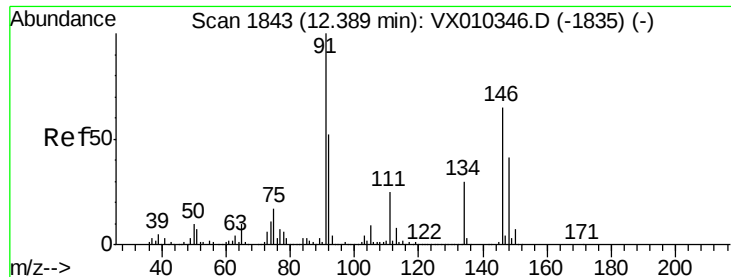
Tot Ion: 91 Resp: 162208
Ion Ratio Lower Upper
91 100
92 51.7 26.2 78.5
134 27.3 14.1 42.4



#90
Hexachloroethane
Concen: 17.861 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX010689.D
Acq: 08 Jul 2019 12:42

Tgt Ion: 117 Resp: 29614
Ion Ratio Lower Upper
117 100
201 83.9 44.0 131.8

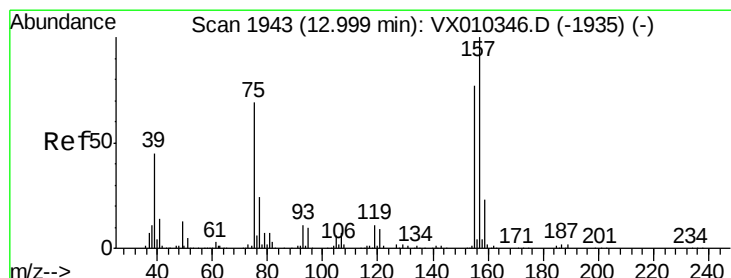
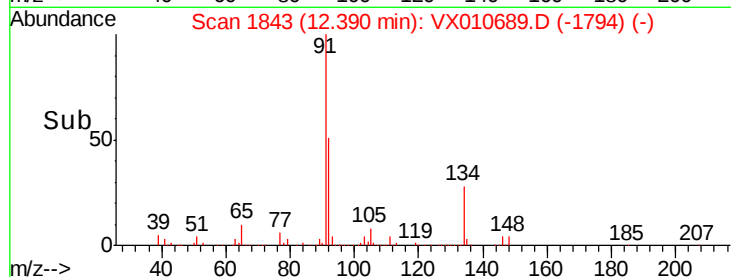
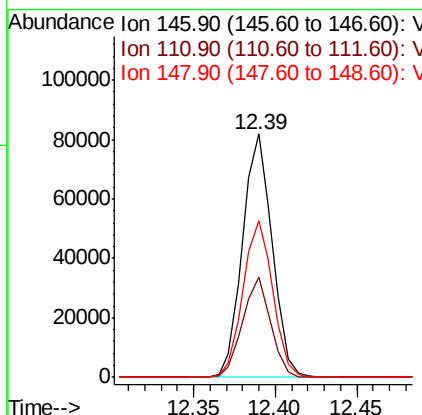
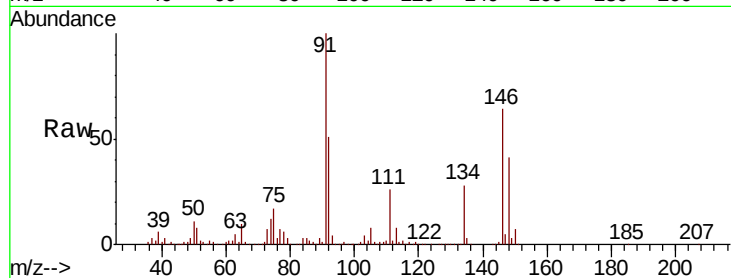




#91
 1,2-Dichlorobenzene
 Concen: 20.102 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX010689.D
 Acq: 08 Jul 2019 12:42

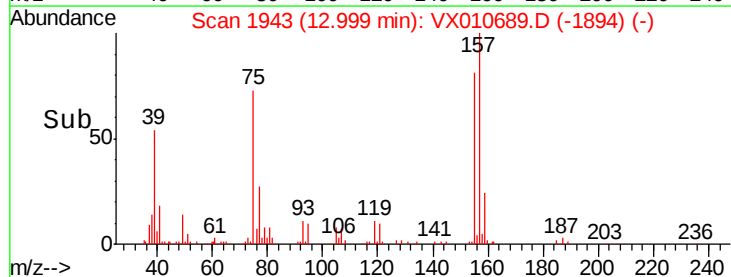
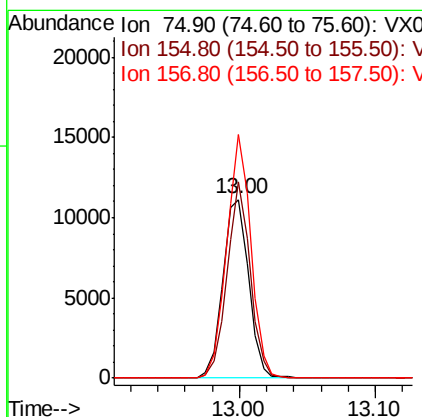
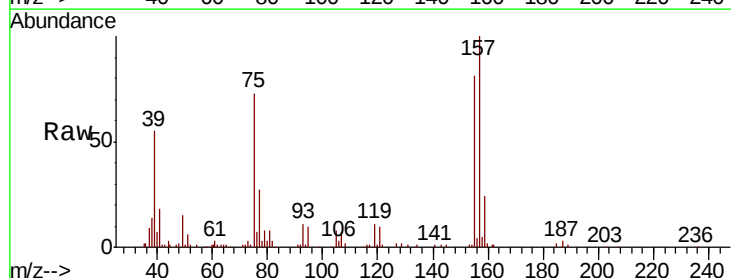
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0708WBS01

Tot Ion:146 Resp: 103907
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.2 57.6
 148 64.7 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.321 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX010689.D
 Acq: 08 Jul 2019 12:42

Tgt Ion: 75 Resp: 14721
 Ion Ratio Lower Upper
 75 100
 155 97.3 54.4 163.1
 157 126.7 69.5 208.3

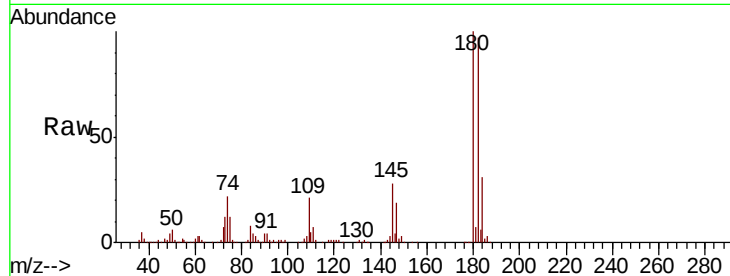




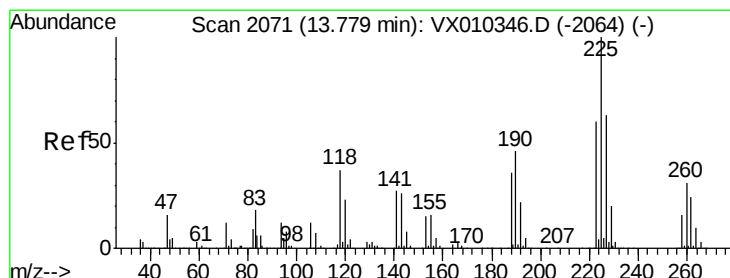
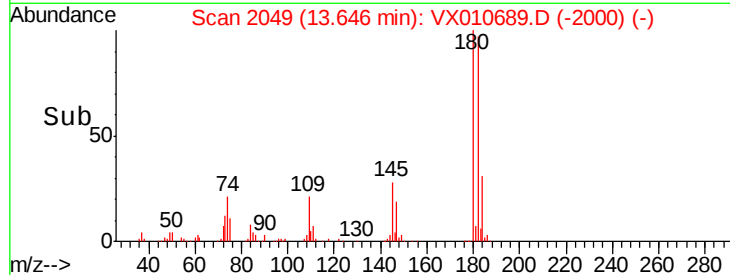
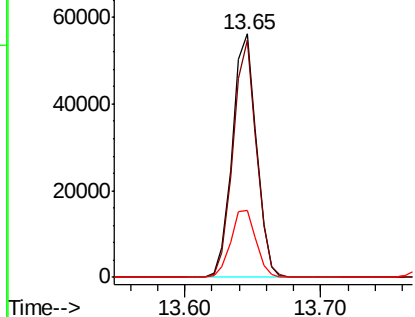
#93
 1,2,4-Trichlorobenzene
 Concen: 19.275 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX010689.D
 Acq: 08 Jul 2019 12:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0708WBS01

Tot Ion:180 Resp: 69093
 Ion Ratio Lower Upper
 180 100
 182 94.7 48.0 144.0
 145 28.8 14.4 43.4

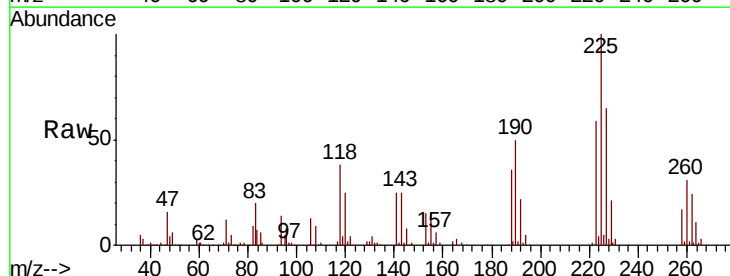


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

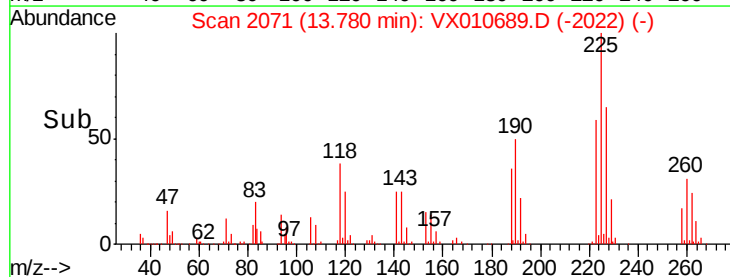
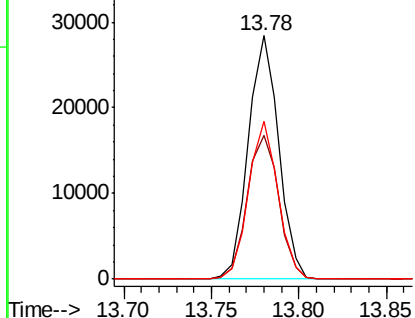


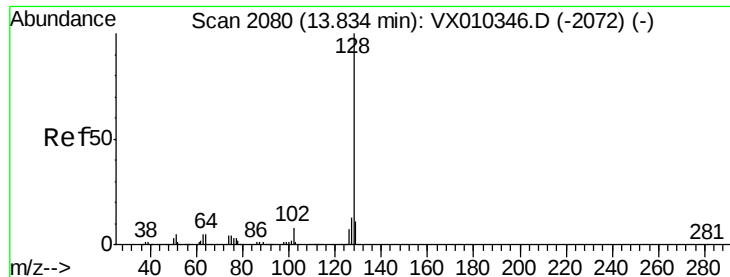
#94
 Hexachlorobutadiene
 Concen: 19.587 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX010689.D
 Acq: 08 Jul 2019 12:42

Tgt Ion:225 Resp: 34315
 Ion Ratio Lower Upper
 225 100
 223 61.3 30.9 92.7
 227 62.8 31.9 95.5



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





#95

Naphthalene

Concen: 19.122 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010689.D

Acq: 08 Jul 2019 12:42

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBS01

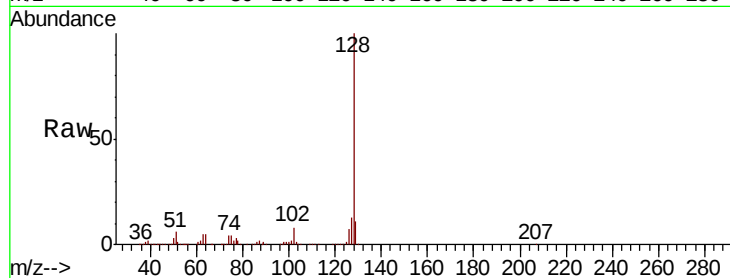
Tot Ion:128 Resp: 210641

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

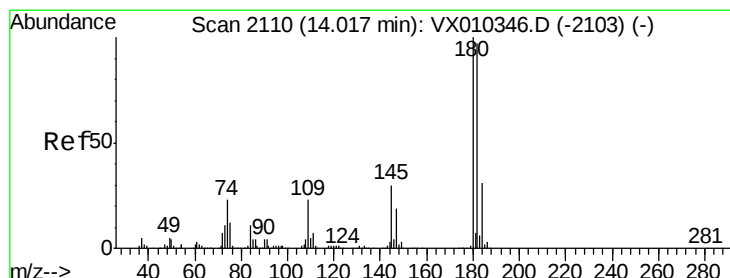
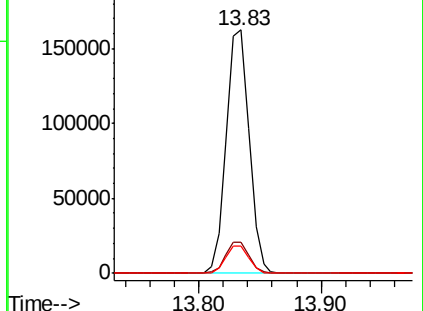
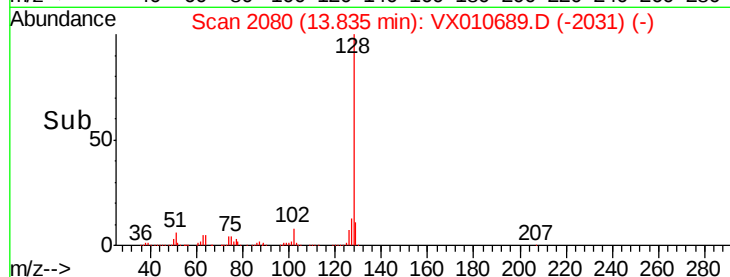
129 11.4 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.820 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX010689.D

Acq: 08 Jul 2019 12:42

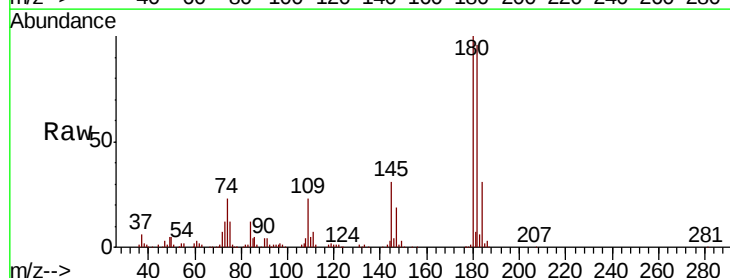
Tgt Ion:180 Resp: 70641

Ion Ratio Lower Upper

180 100

182 95.8 47.8 143.3

145 30.9 15.2 45.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

