

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071719\
 Data File : VX010926.D
 Acq On : 17 Jul 2019 11:26
 Operator : JC/SP
 Sample : VX0717WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0717WBS01

Quant Time: Jul 18 02:27:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 17 06:57:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	231653	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	346466	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	317808	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	162396	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	124247	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
35) Dibromofluoromethane	5.50	113	113319	51.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.06%	
50) Toluene-d8	8.71	98	423467	51.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.68%	
62) 4-Bromofluorobenzene	11.13	95	152774	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	48299	19.886	ug/l	98
3) Chloromethane	1.33	50	42617	20.005	ug/l	98
4) Vinyl Chloride	1.41	62	43734	20.127	ug/l	99
5) Bromomethane	1.64	94	27598	22.539	ug/l	99
6) Chloroethane	1.73	64	27901	20.206	ug/l	98
7) Trichlorofluoromethane	1.93	101	73558	19.999	ug/l	99
8) Diethyl Ether	2.19	74	24300	19.175	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	40611	19.337	ug/l	98
10) Methyl Iodide	2.51	142	47393	17.197	ug/l	99
11) Tert butyl alcohol	3.04	59	49758	86.695	ug/l	99
12) 1,1-Dichloroethene	2.38	96	41279	20.005	ug/l	95
13) Acrolein	2.29	56	28252	85.198	ug/l	97
14) Allyl chloride	2.73	41	57900	19.318	ug/l	98
15) Acrylonitrile	3.14	53	113271	97.667	ug/l	99
16) Acetone	2.45	43	104973	94.310	ug/l	98
17) Carbon Disulfide	2.57	76	101454	19.168	ug/l	99
18) Methyl Acetate	2.78	43	47260	18.647	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	128597	19.360	ug/l	99
20) Methylene Chloride	2.86	84	45350	19.226	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	42434	19.382	ug/l	96
22) Diisopropyl ether	3.85	45	121302	19.190	ug/l	97
23) Vinyl Acetate	3.82	43	529602	98.882	ug/l	100
24) 1,1-Dichloroethane	3.70	63	70129	19.103	ug/l	100
25) 2-Butanone	4.67	43	157256	98.421	ug/l	99
26) 2,2-Dichloropropane	4.59	77	56229	18.654	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	48410	19.106	ug/l	99
28) Bromochloromethane	5.02	49	30971	17.903	ug/l	98
29) Tetrahydrofuran	5.13	42	97740	96.572	ug/l	98
30) Chloroform	5.21	83	75022	18.907	ug/l	96
31) Cyclohexane	5.58	56	65643	19.618	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	65026	18.942	ug/l	99
36) 1,1-Dichloropropene	5.80	75	54392	19.112	ug/l	99
37) Ethyl Acetate	4.84	43	57216	19.634	ug/l	98
38) Carbon Tetrachloride	5.79	117	56725	19.128	ug/l	99

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 Sample : VX0717WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0717WBS01

Quant Time: Jul 18 02:27:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 17 06:57:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	70069	18.986	ug/l	98
40) Benzene	6.14	78	169225	19.412	ug/l	99
41) Methacrylonitrile	5.04	41	31509	19.047	ug/l	97
42) 1,2-Dichloroethane	6.19	62	57664	19.024	ug/l	99
43) Isopropyl Acetate	6.45	43	91351	19.064	ug/l	99
44) Trichloroethene	7.21	130	49524	19.192	ug/l	97
45) 1,2-Dichloropropane	7.51	63	42326	19.076	ug/l	96
46) Dibromomethane	7.66	93	30427	19.191	ug/l	99
47) Bromodichloromethane	7.90	83	54242	19.219	ug/l	98
48) Methyl methacrylate	7.77	41	44478	19.054	ug/l	99
49) 1,4-Dioxane	7.74	88	24889	381.177	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	305232	98.267	ug/l	100
52) Toluene	8.79	92	111815	19.525	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	57617	18.986	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	64402	19.072	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	45523	19.306	ug/l	94
56) Ethyl methacrylate	9.18	69	66661	19.327	ug/l	100
57) 1,3-Dichloropropane	9.37	76	71995	19.247	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	168722	102.472	ug/l	98
59) 2-Hexanone	9.49	43	238893	99.159	ug/l	99
60) Dibromochloromethane	9.58	129	45317	18.382	ug/l	99
61) 1,2-Dibromoethane	9.67	107	47959	19.165	ug/l	99
64) Tetrachloroethene	9.34	164	48944	19.577	ug/l	94
65) Chlorobenzene	10.14	112	122288	18.734	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	43476	18.951	ug/l	98
67) Ethyl Benzene	10.25	91	208774	18.790	ug/l	98
68) m/p-Xylenes	10.36	106	162220	38.062	ug/l	99
69) o-Xylene	10.69	106	79436	19.098	ug/l	100
70) Styrene	10.71	104	131541	18.971	ug/l	99
71) Bromoform	10.85	173	32756	17.431	ug/l #	99
73) Isopropylbenzene	11.02	105	211200	19.247	ug/l	100
74) N-amyl acetate	10.90	43	79251	18.902	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	69184	19.266	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	74111	25.289	ug/l	84
77) Bromobenzene	11.26	156	57146	18.880	ug/l	99
78) n-propylbenzene	11.36	91	235028	19.385	ug/l	100
79) 2-Chlorotoluene	11.42	91	139896	19.208	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	175198	19.107	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	18293	18.536	ug/l	94
82) 4-Chlorotoluene	11.51	91	160974	18.989	ug/l	100
83) tert-Butylbenzene	11.77	119	172329	19.134	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	180676	19.550	ug/l	99
85) sec-Butylbenzene	11.94	105	206735	19.590	ug/l	100
86) p-Isopropyltoluene	12.06	119	189864	19.461	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	97572	18.576	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	100027	18.568	ug/l	98
89) n-Butylbenzene	12.38	91	158605	19.002	ug/l	100
90) Hexachloroethane	12.60	117	28217	18.337	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	100527	19.311	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	14657	19.526	ug/l	96

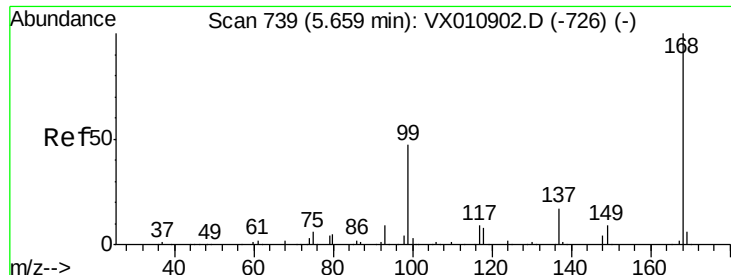
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX071719\
Data File : VX010926.D
Acq On : 17 Jul 2019 11:26
Operator : JC/SP
Sample : VX0717WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0717WBS01

Quant Time: Jul 18 02:27:22 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 17 06:57:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	66507	18.851	ug/l	99
94) Hexachlorobutadiene	13.78	225	32640	18.669	ug/l	99
95) Naphthalene	13.83	128	207848	19.951	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	68051	19.386	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX010926.D

Acq: 17 Jul 2019 11:26

Instrument :

MSVOA_X

ClientSampleId :

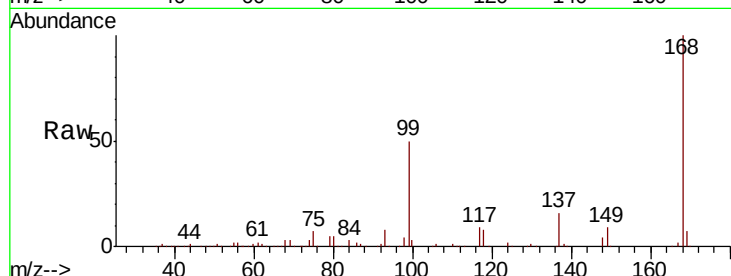
VX0717WBS01

Tot Ion:168 Resp: 231653

Ion Ratio Lower Upper

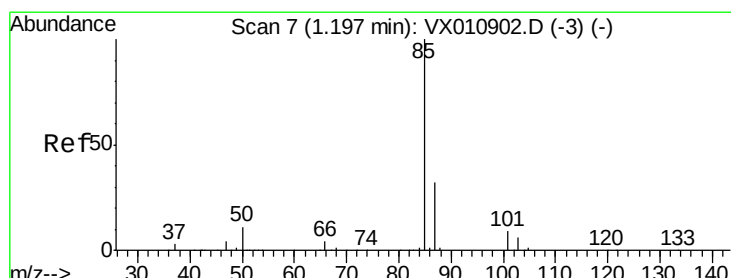
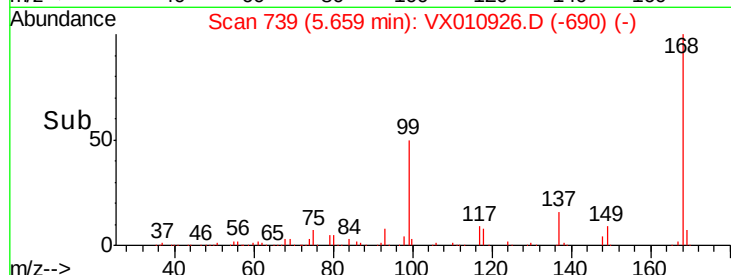
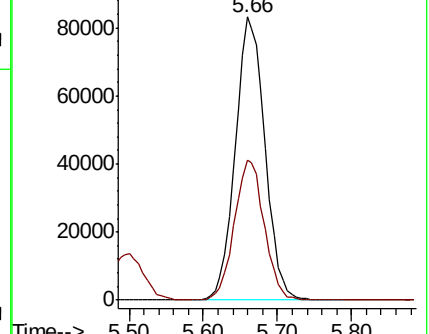
168 100

99 49.6 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.886 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX010926.D

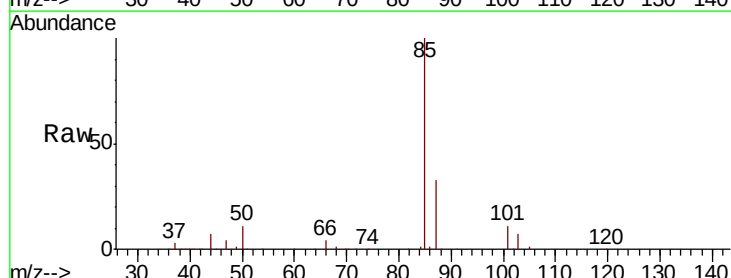
Acq: 17 Jul 2019 11:26

Tgt Ion: 85 Resp: 48299

Ion Ratio Lower Upper

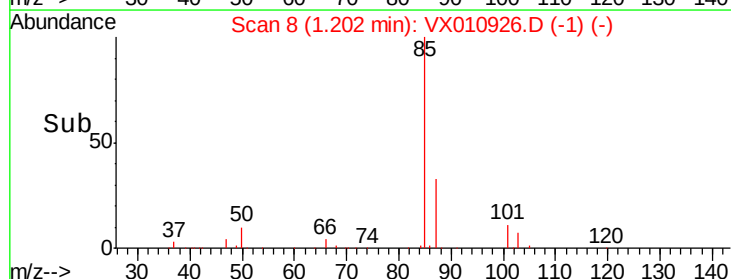
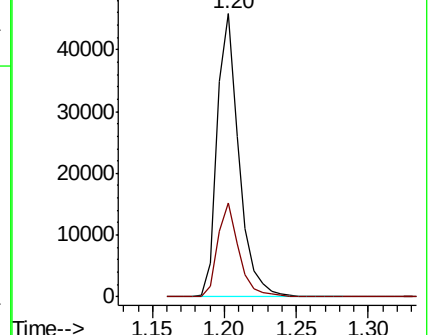
85 100

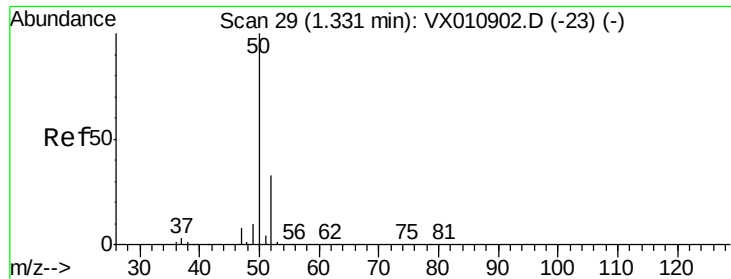
87 33.2 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 20.005 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX010926.D

Acq: 17 Jul 2019 11:26

Instrument :

MSVOA_X

ClientSampleId :

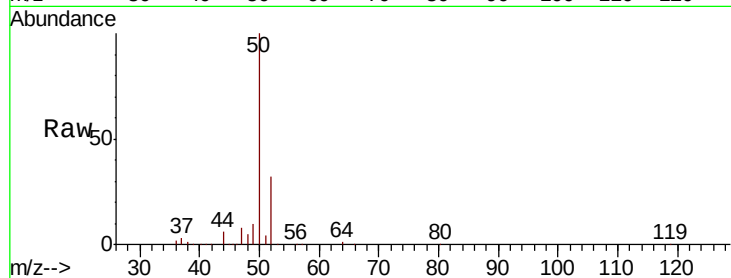
VX0717WBS01

Tot Ion: 50 Resp: 42617

Ion Ratio Lower Upper

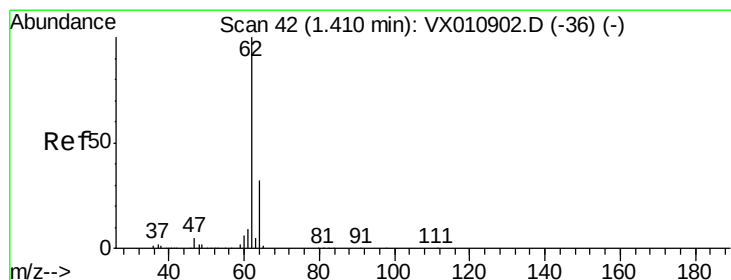
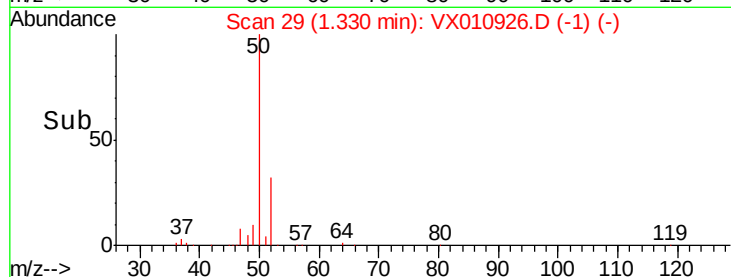
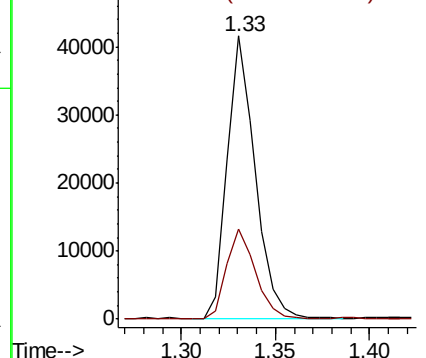
50 100

52 32.0 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 20.127 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010926.D

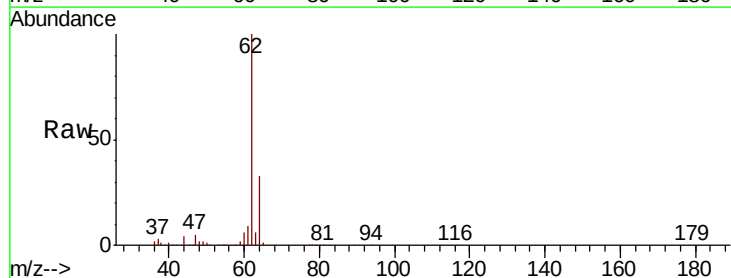
Acq: 17 Jul 2019 11:26

Tgt Ion: 62 Resp: 43734

Ion Ratio Lower Upper

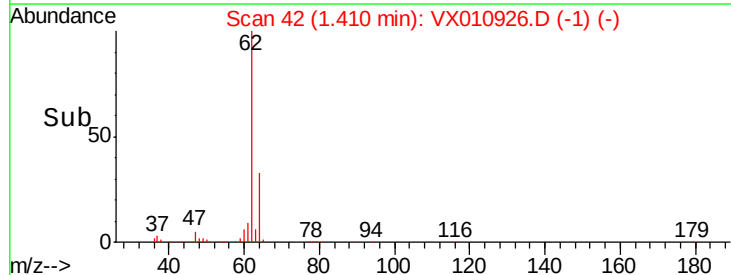
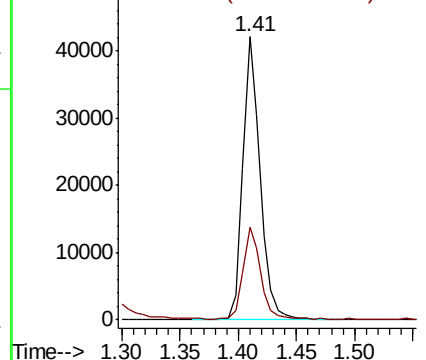
62 100

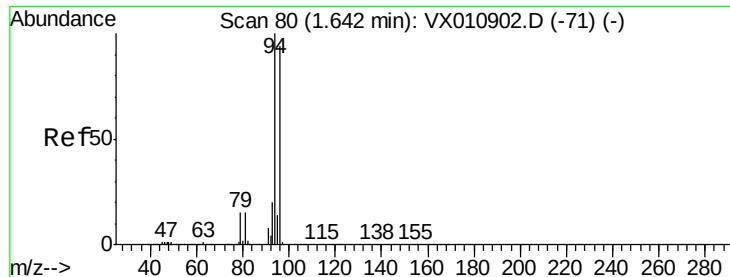
64 32.6 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 22.539 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX010926.D

Acq: 17 Jul 2019 11:26

Instrument :

MSVOA_X

ClientSampleId :

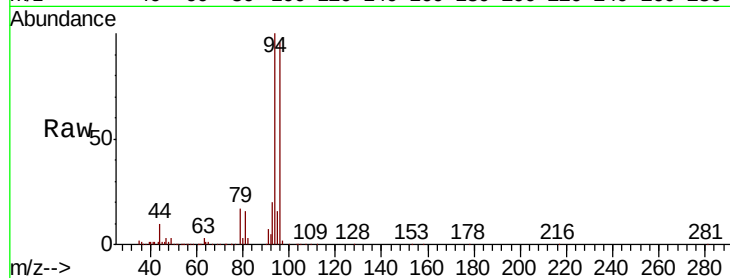
VX0717WBS01

Tot Ion: 94 Resp: 27598

Ion Ratio Lower Upper

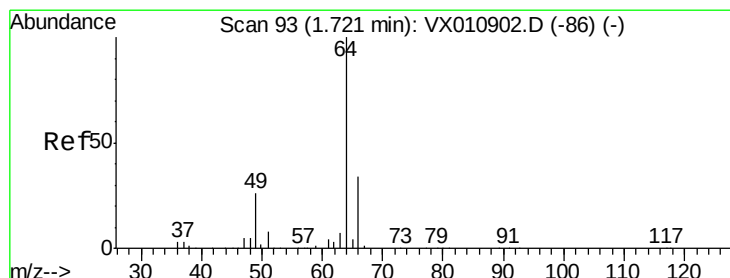
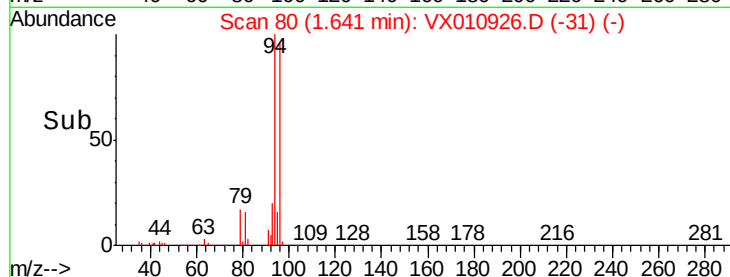
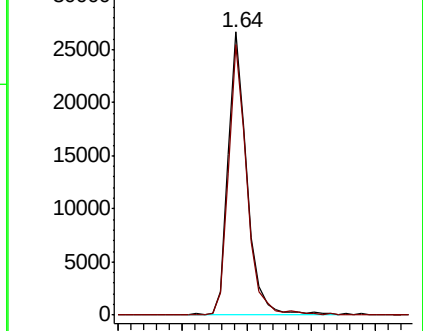
94 100

96 95.8 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 20.206 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX010926.D

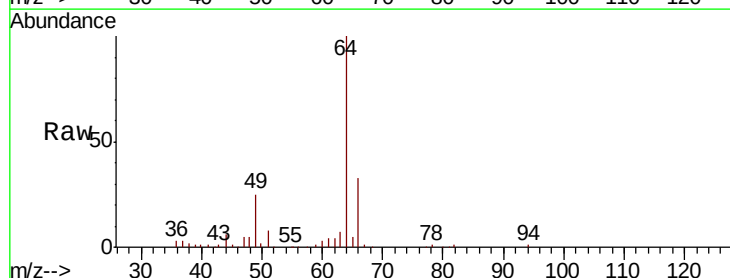
Acq: 17 Jul 2019 11:26

Tgt Ion: 64 Resp: 27901

Ion Ratio Lower Upper

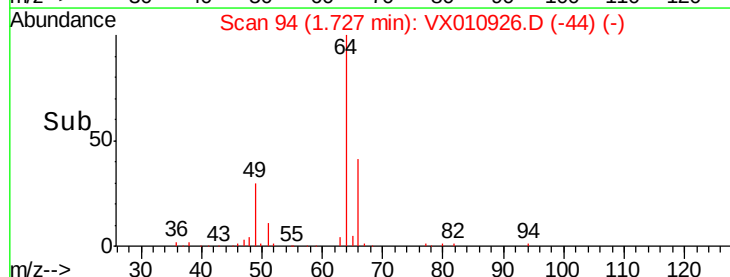
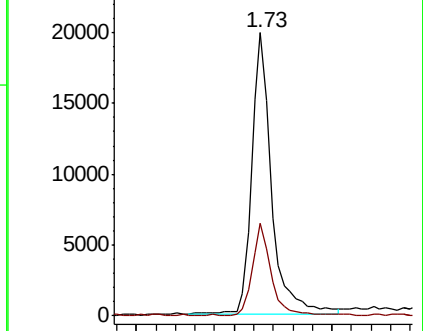
64 100

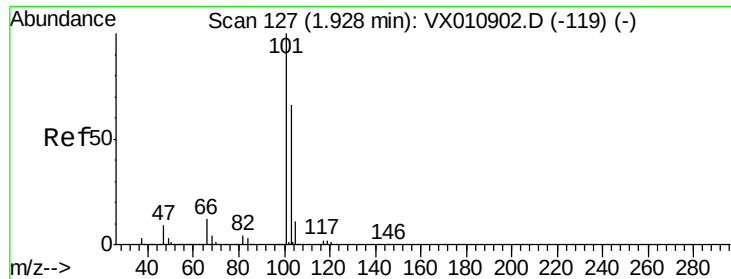
66 32.4 27.0 40.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



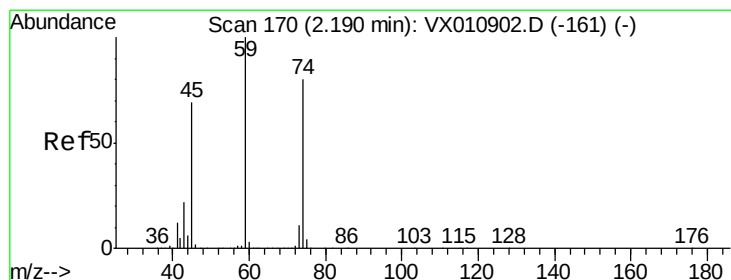
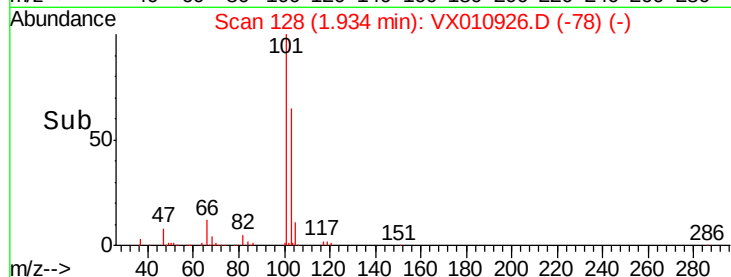
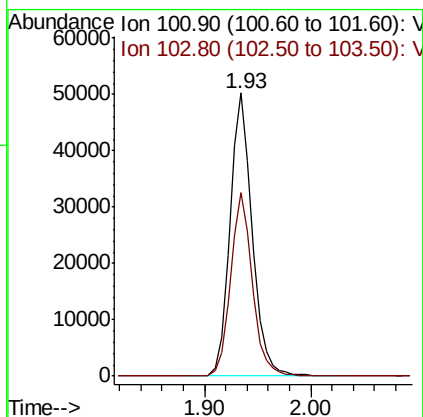
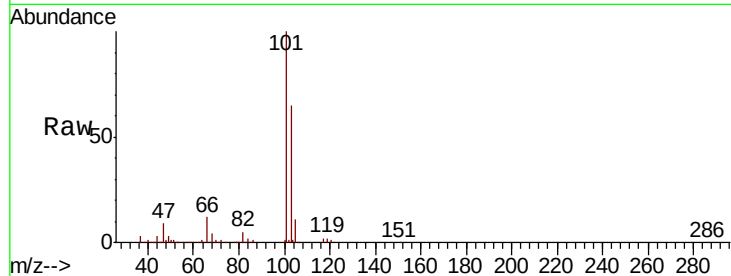


#7

Trichlorofluoromethane
Concen: 19.999 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX010926.D
Acq: 17 Jul 2019 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX0717WBS01

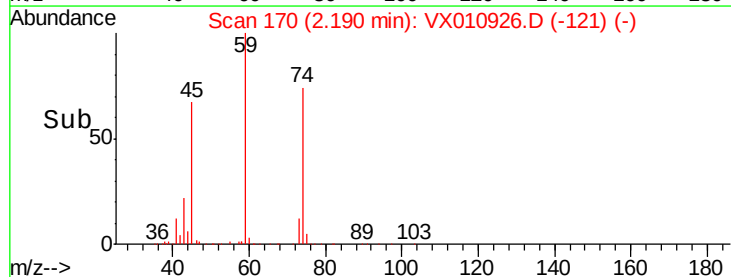
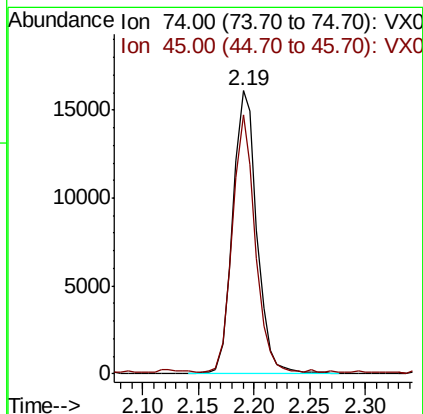
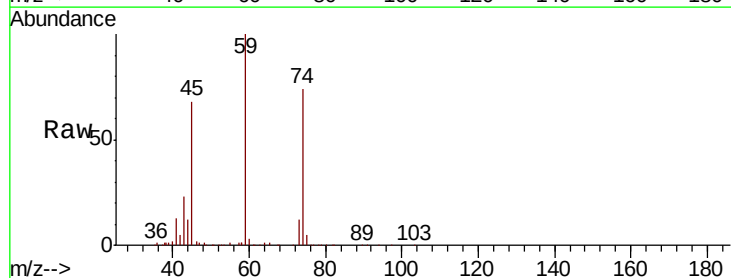
Tot Ion:101 Resp: 73558
Ion Ratio Lower Upper
101 100
103 65.0 52.6 78.8

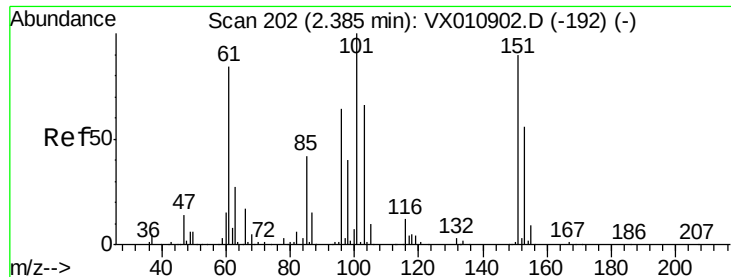


#8

Diethyl Ether
Concen: 19.175 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX010926.D
Acq: 17 Jul 2019 11:26

Tgt Ion: 74 Resp: 24300
Ion Ratio Lower Upper
74 100
45 85.2 45.5 136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.337 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX010926.D

Acq: 17 Jul 2019 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX0717WBS01

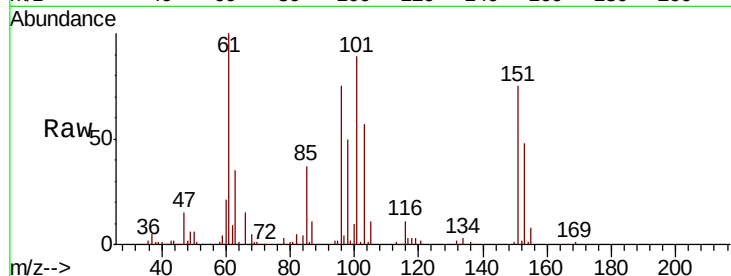
Tot Ion:101 Resp: 40611

Ion Ratio Lower Upper

101 100

85 43.9 34.6 52.0

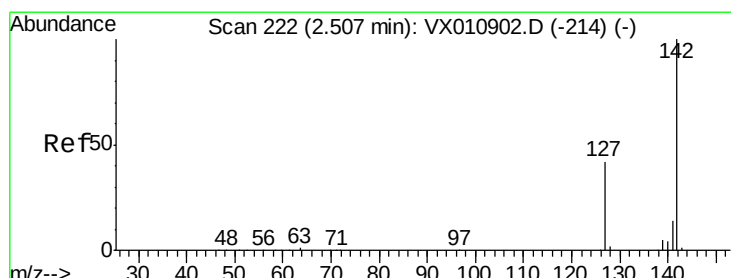
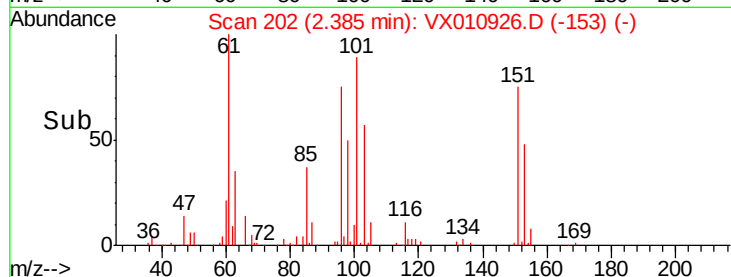
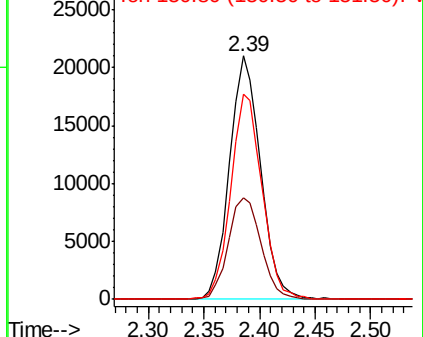
151 85.0 69.6 104.4



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: 17.197 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX010926.D

Acq: 17 Jul 2019 11:26

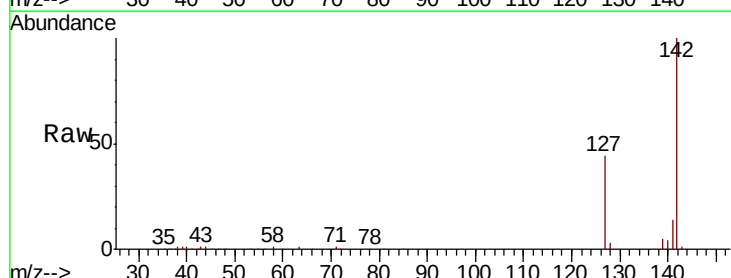
Tgt Ion:142 Resp: 47393

Ion Ratio Lower Upper

142 100

127 42.0 34.2 51.4

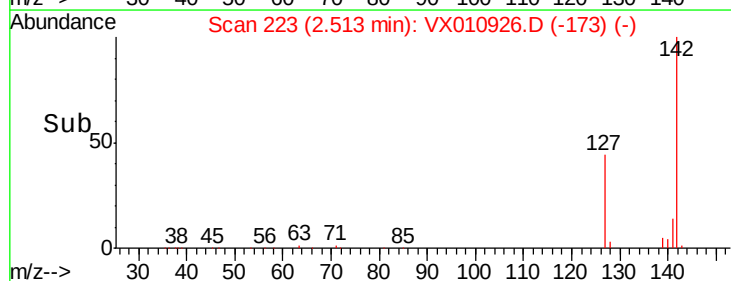
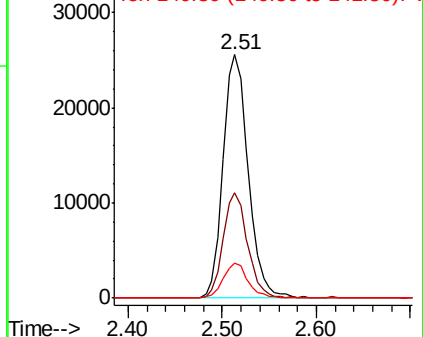
141 14.0 11.7 17.5

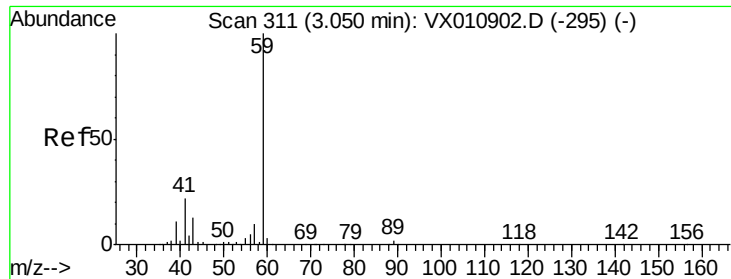


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



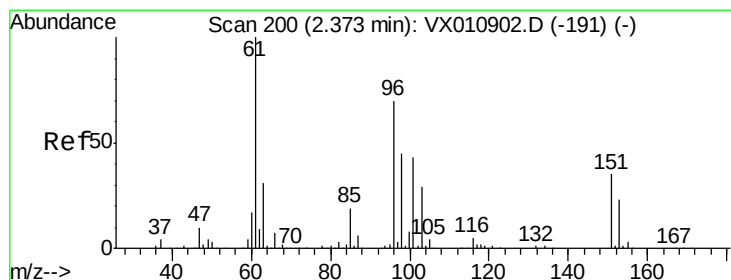
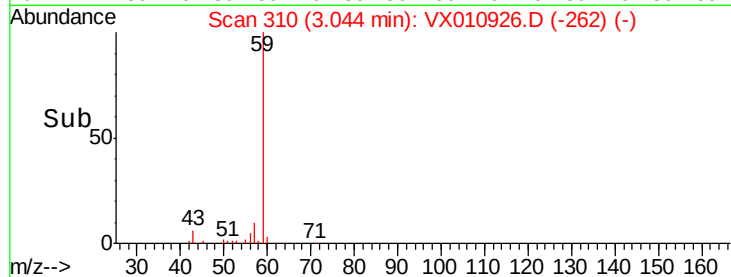
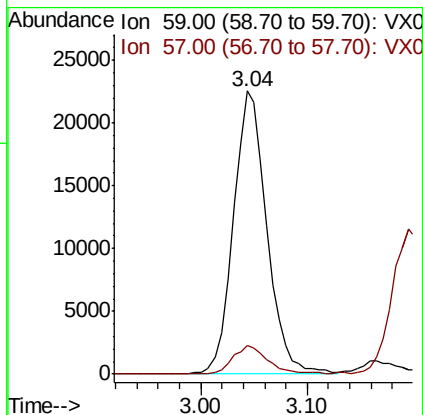
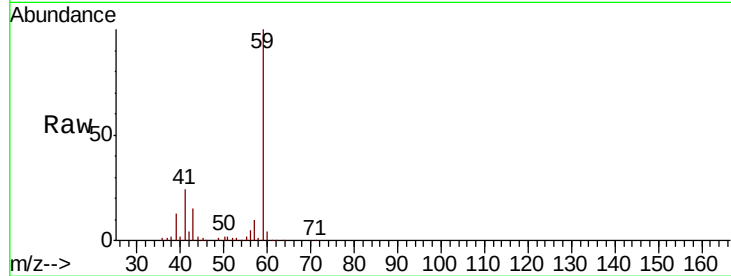


#11

Tert butyl alcohol
 Concen: 86.695 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. -0.01 min
 Lab File: VX010926.D
 Acq: 17 Jul 2019 11:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0717WBS01

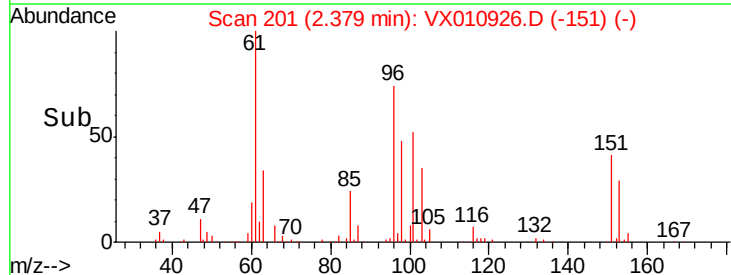
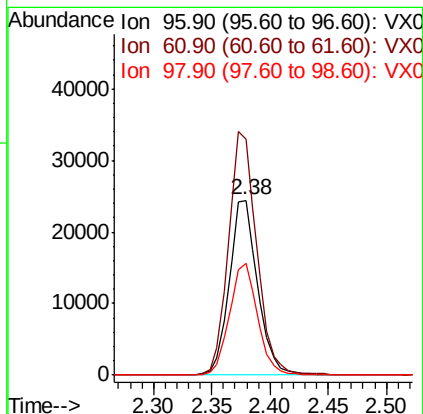
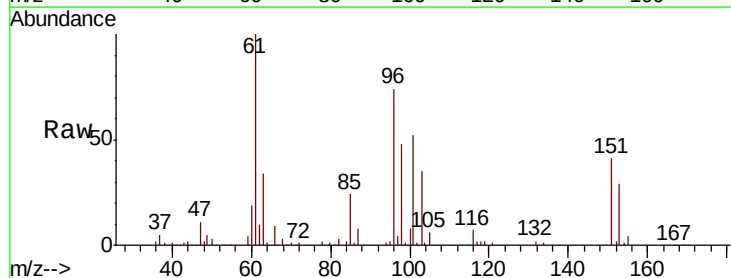
Tot Ion: 59 Resp: 49758
 Ion Ratio Lower Upper
 59 100
 57 10.3 7.9 11.9

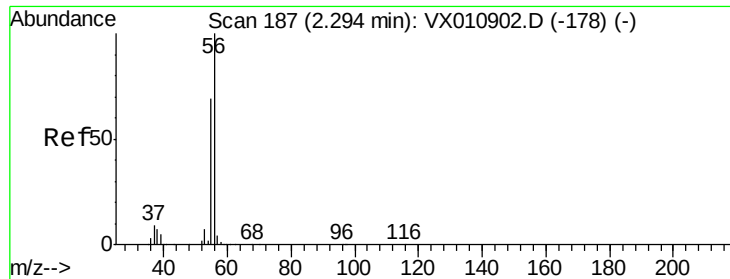


#12

1,1-Dichloroethene
 Concen: 20.005 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. 0.01 min
 Lab File: VX010926.D
 Acq: 17 Jul 2019 11:26

Tgt Ion: 96 Resp: 41279
 Ion Ratio Lower Upper
 96 100
 61 135.0 115.0 172.4
 98 64.2 52.2 78.2





#13

Acrolein

Concen: 85.198 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX010926.D

Acq: 17 Jul 2019 11:26

Instrument :

MSVOA_X

ClientSampleId :

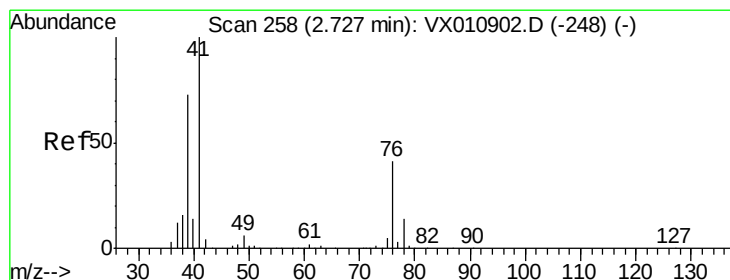
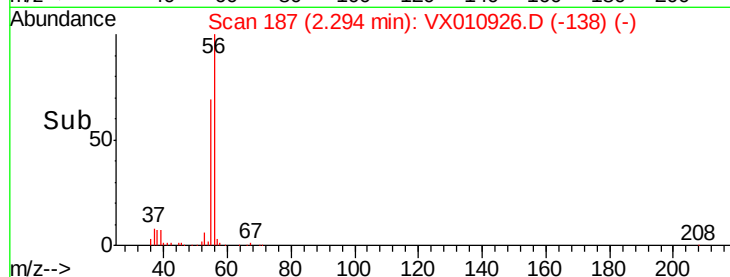
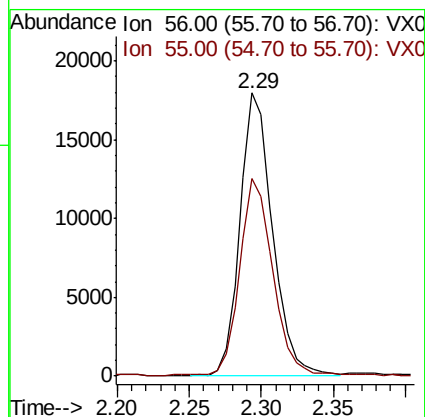
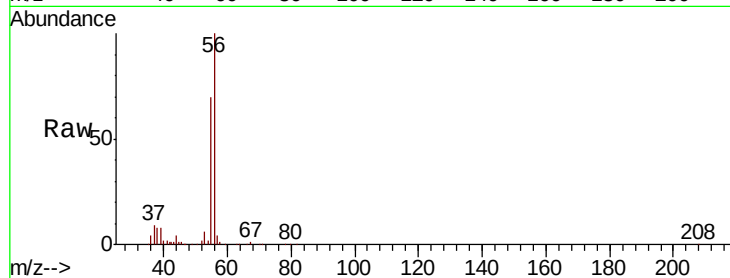
VX0717WBS01

Tot Ion: 56 Resp: 28252

Ion Ratio Lower Upper

56 100

55 72.4 55.9 83.9



#14

Allyl chloride

Concen: 19.318 ug/l

RT: 2.73 min Scan# 259

Delta R.T. 0.01 min

Lab File: VX010926.D

Acq: 17 Jul 2019 11:26

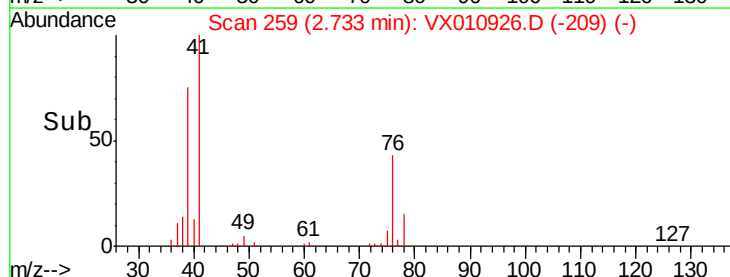
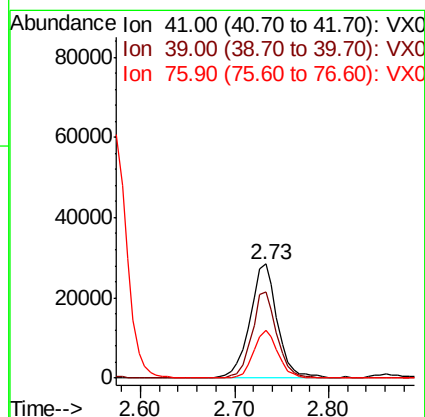
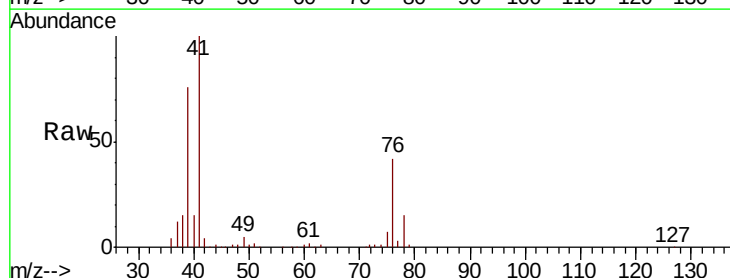
Tgt Ion: 41 Resp: 57900

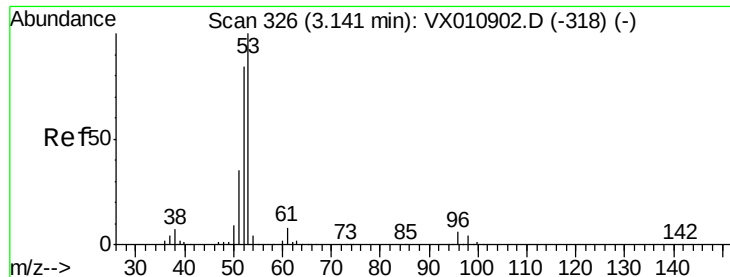
Ion Ratio Lower Upper

41 100

39 68.9 53.6 80.4

76 37.7 29.7 44.5





#15

Acrylonitrile

Concen: 97.667 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX010926.D

Acq: 17 Jul 2019 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX0717WBS01

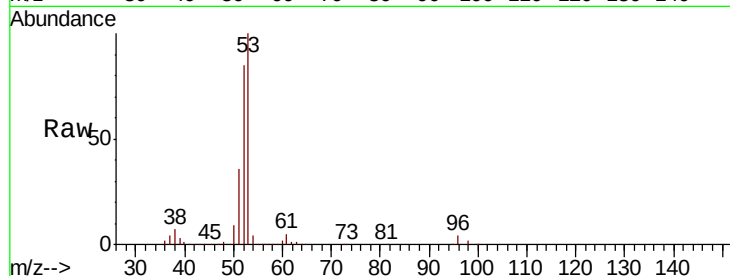
Tot Ion: 53 Resp: 113271

Ion Ratio Lower Upper

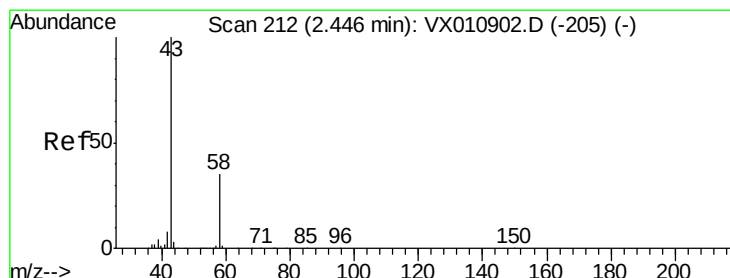
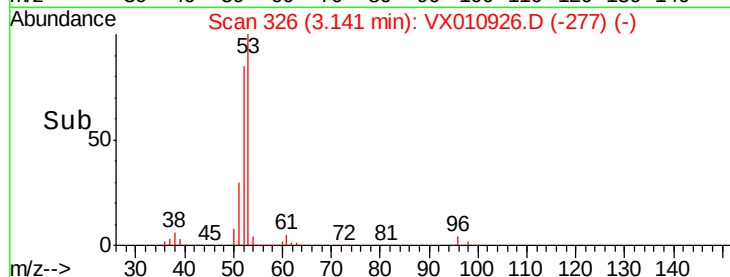
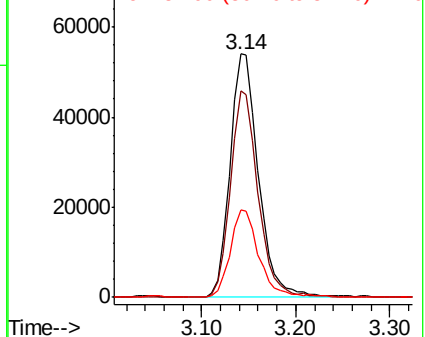
53 100

52 82.6 66.5 99.7

51 36.7 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: 94.310 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX010926.D

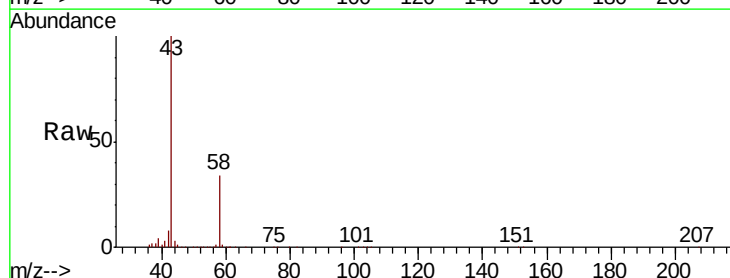
Acq: 17 Jul 2019 11:26

Tgt Ion: 43 Resp: 104973

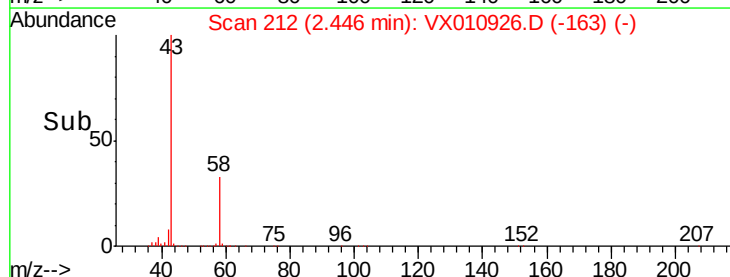
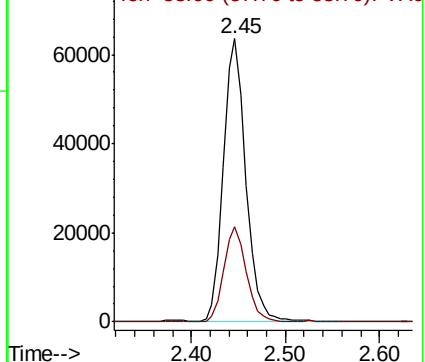
Ion Ratio Lower Upper

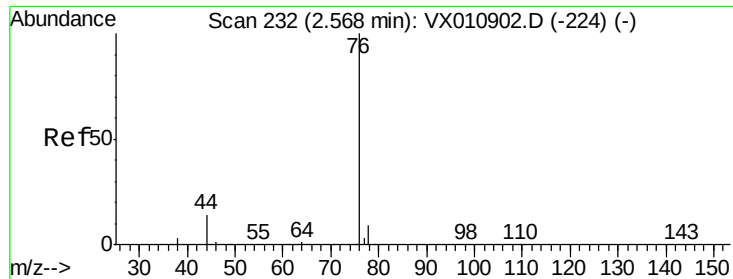
43 100

58 33.5 27.7 41.5



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

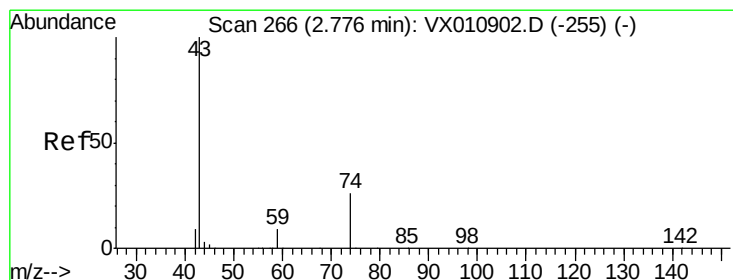
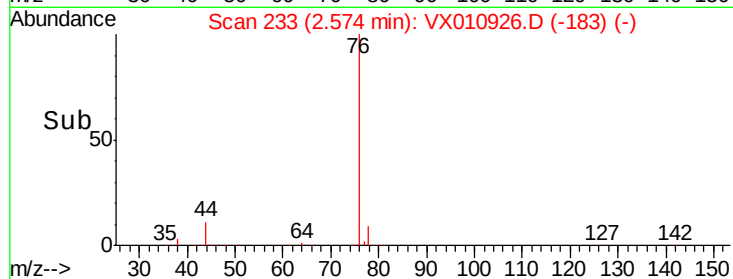
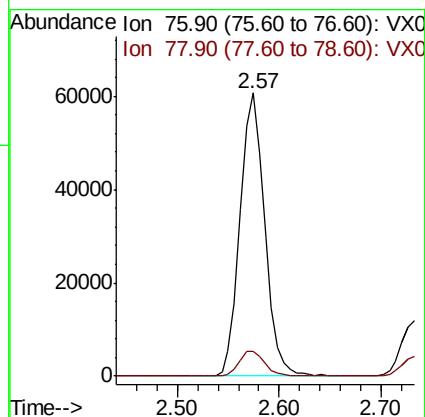
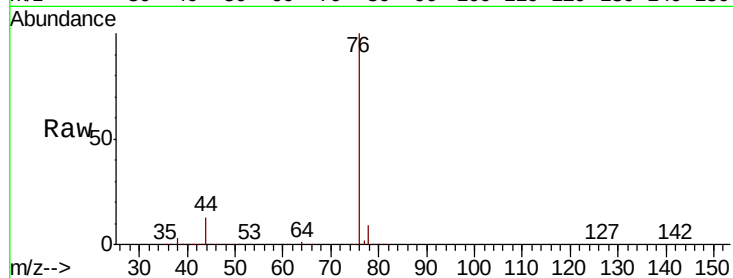




#17
Carbon Disulfide
Concen: 19.168 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.01 min
Lab File: VX010926.D
Acq: 17 Jul 2019 11:26

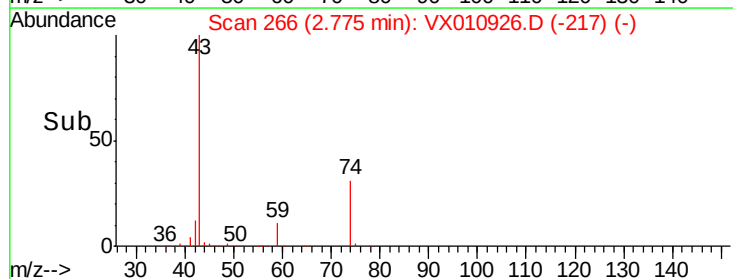
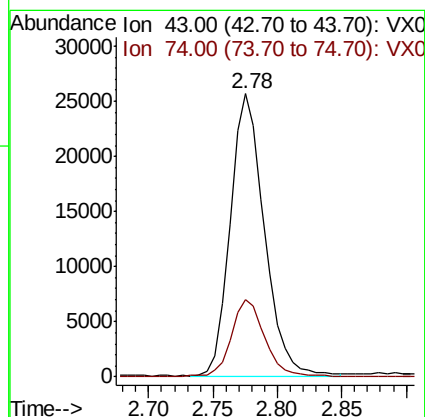
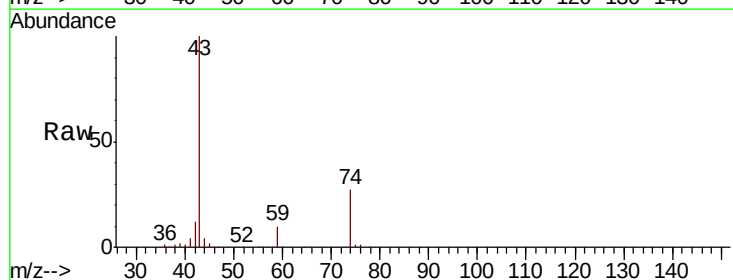
Instrument :
MSVOA_X
ClientSampleId :
VX0717WBS01

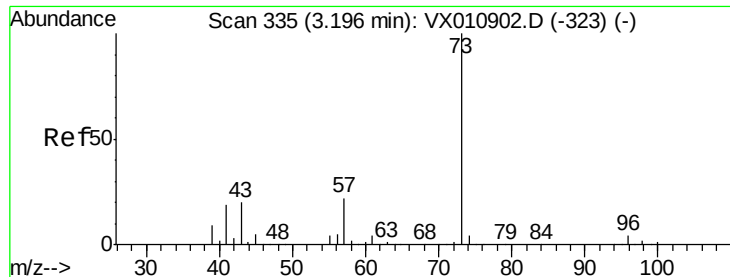
Tot Ion: 76 Resp: 101454
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



#18
Methyl Acetate
Concen: 18.647 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX010926.D
Acq: 17 Jul 2019 11:26

Tgt Ion: 43 Resp: 47260
Ion Ratio Lower Upper
43 100
74 27.3 21.5 32.3



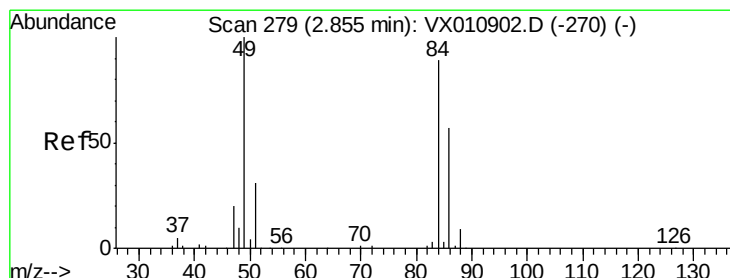
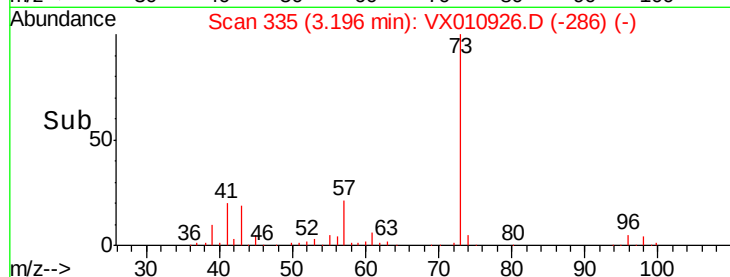
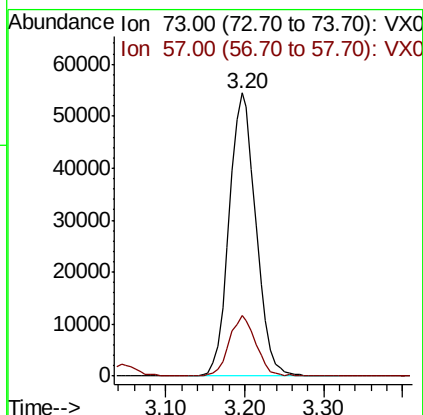
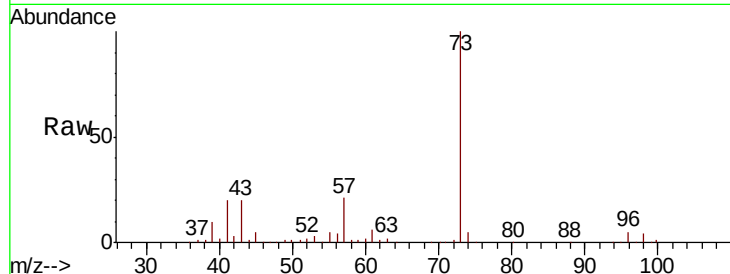


#19

Methyl tert-butyl Ether
 Concen: 19.360 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. -0.00 min
 Lab File: VX010926.D
 Acq: 17 Jul 2019 11:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0717WBS01

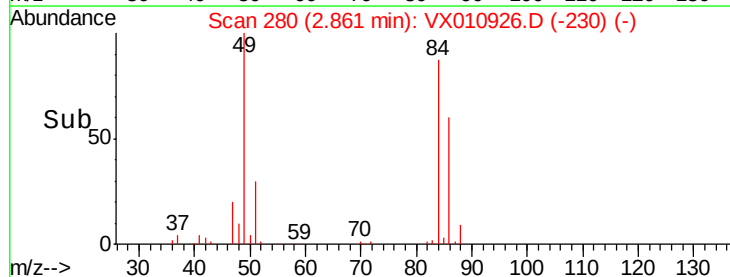
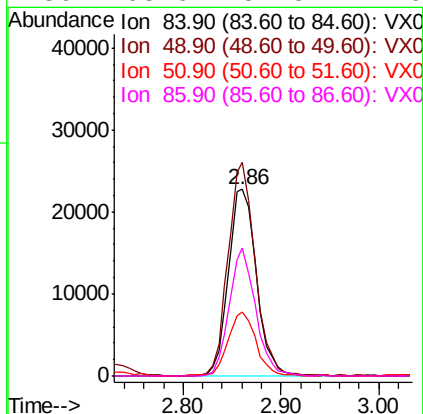
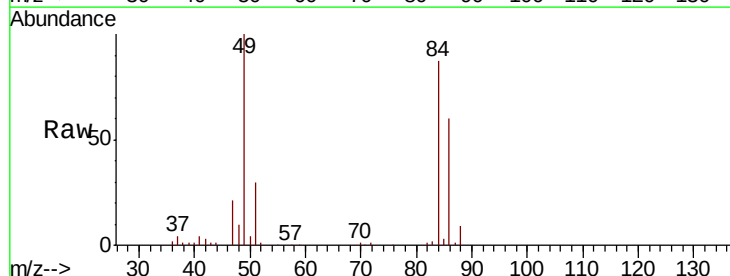
Tot Ion: 73 Resp: 128597
 Ion Ratio Lower Upper
 73 100
 57 21.2 17.3 25.9

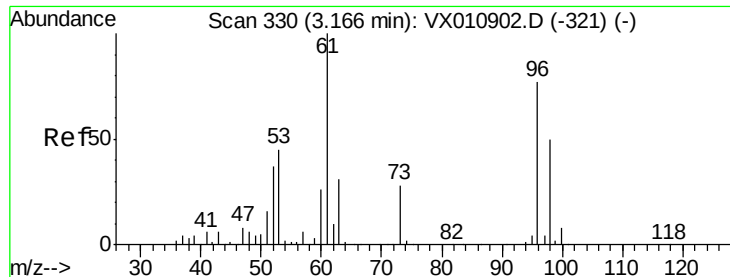


#20

Methylene Chloride
 Concen: 19.226 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. 0.01 min
 Lab File: VX010926.D
 Acq: 17 Jul 2019 11:26

Tgt Ion: 84 Resp: 45350
 Ion Ratio Lower Upper
 84 100
 49 114.4 89.9 134.9
 51 34.2 27.8 41.6
 86 68.6 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 19.382 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX010926.D

Acq: 17 Jul 2019 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX0717WBS01

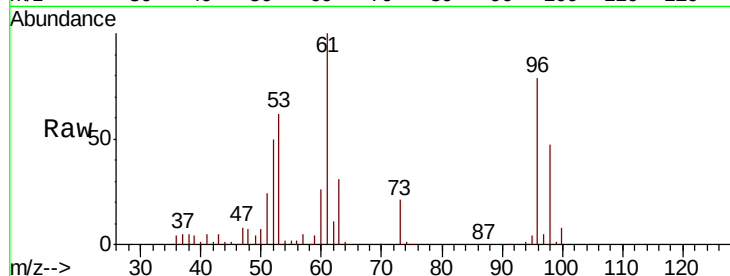
Tot Ion: 96 Resp: 42434

Ion Ratio Lower Upper

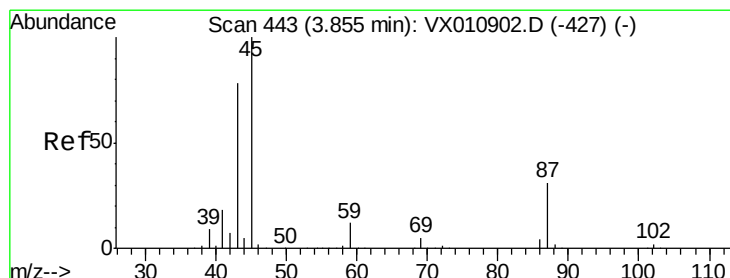
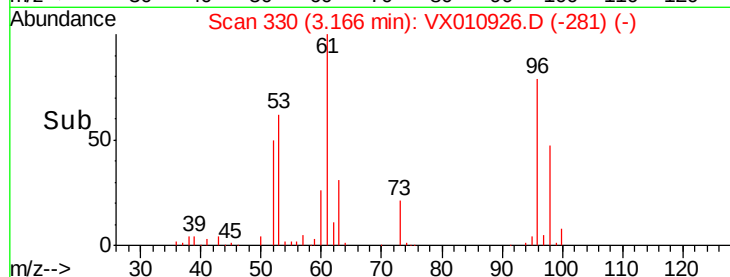
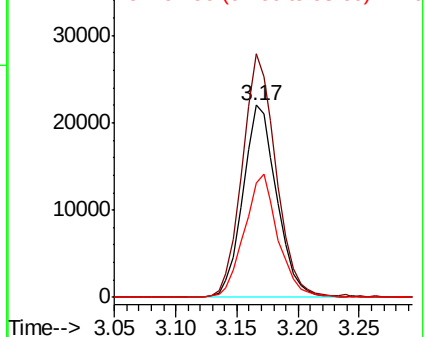
96 100

61 126.9 104.2 156.2

98 59.8 52.2 78.4



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: 19.190 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX010926.D

Acq: 17 Jul 2019 11:26

Tgt Ion: 45 Resp: 121302

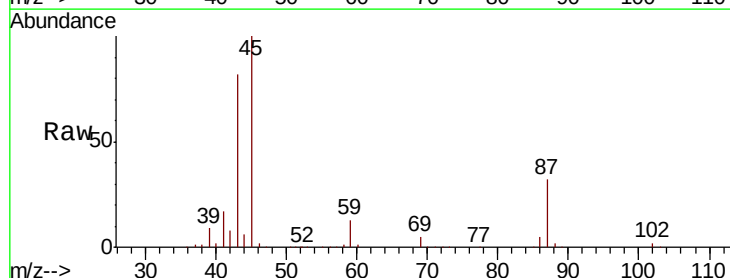
Ion Ratio Lower Upper

45 100

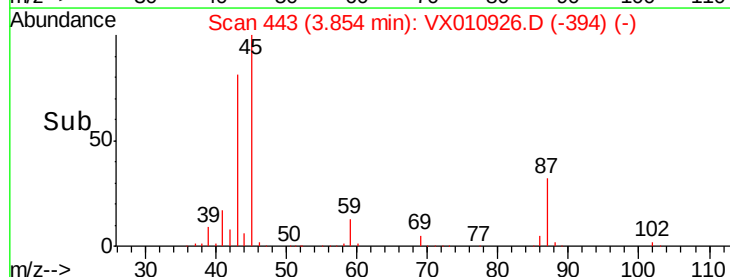
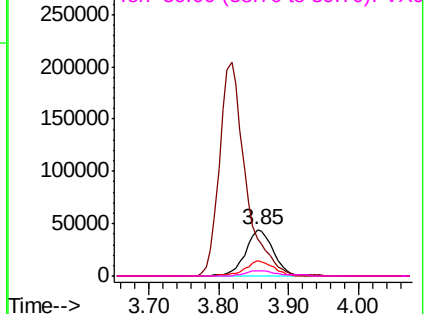
43 81.4 62.3 93.5

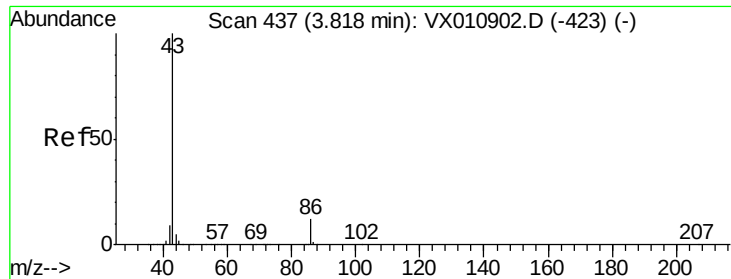
87 32.3 25.0 37.4

59 12.5 9.9 14.9



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: 98.882 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX010926.D

Acq: 17 Jul 2019 11:26

Instrument :

MSVOA_X

ClientSampleId :

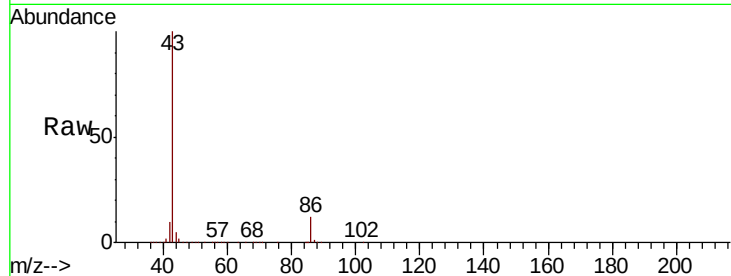
VX0717WBS01

Tot Ion: 43 Resp: 529602

Ion Ratio Lower Upper

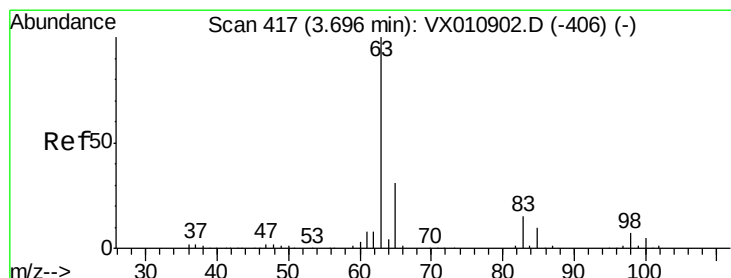
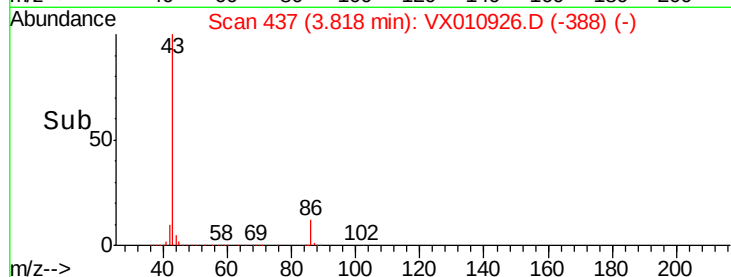
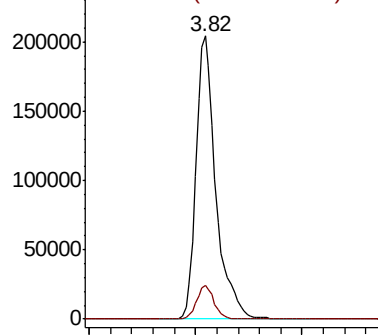
43 100

86 11.9 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.103 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX010926.D

Acq: 17 Jul 2019 11:26

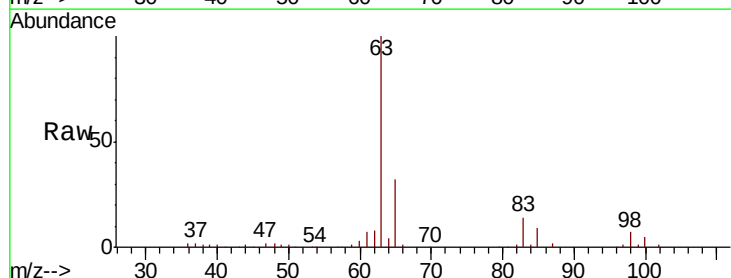
Tgt Ion: 63 Resp: 70129

Ion Ratio Lower Upper

63 100

98 7.3 3.6 10.9

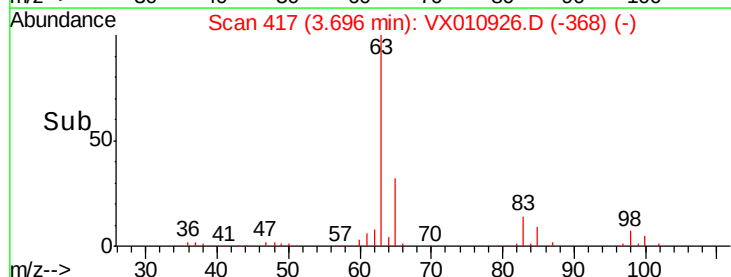
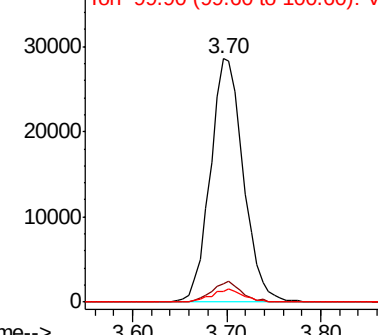
100 4.6 2.4 7.2

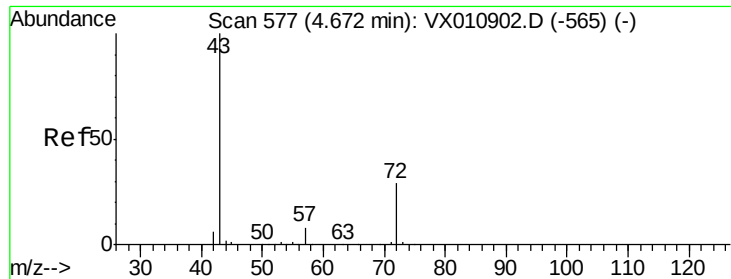


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 98.421 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX010926.D

Acq: 17 Jul 2019 11:26

Instrument :

MSVOA_X

ClientSampleId :

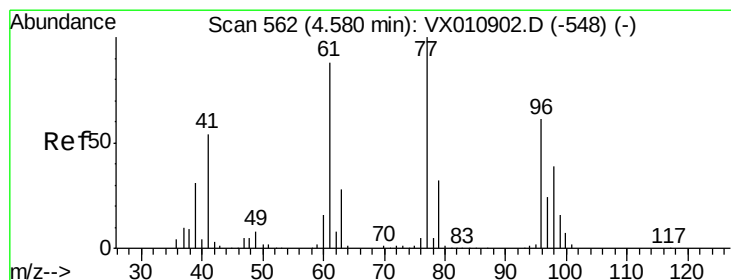
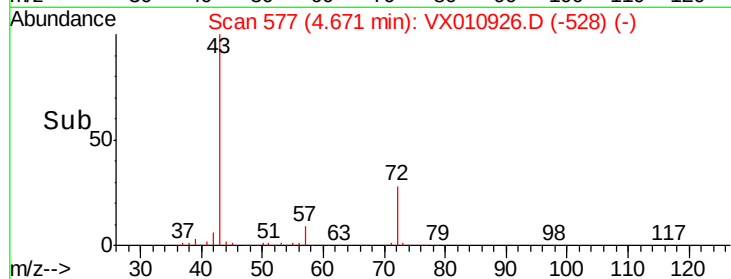
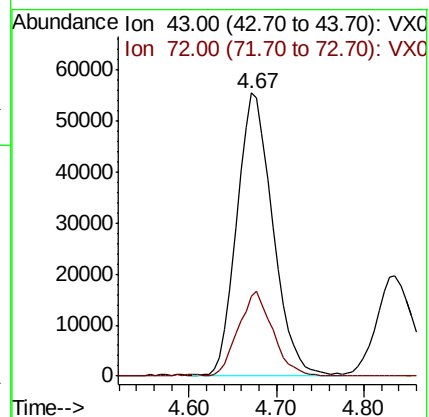
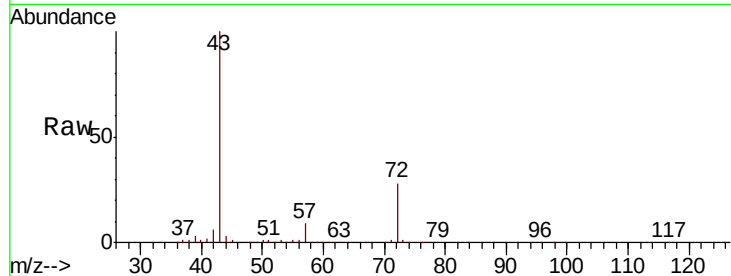
VX0717WBS01

Tot Ion: 43 Resp: 157256

Ion Ratio Lower Upper

43 100

72 28.2 23.0 34.6



#26

2,2-Dichloropropane

Concen: 18.654 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX010926.D

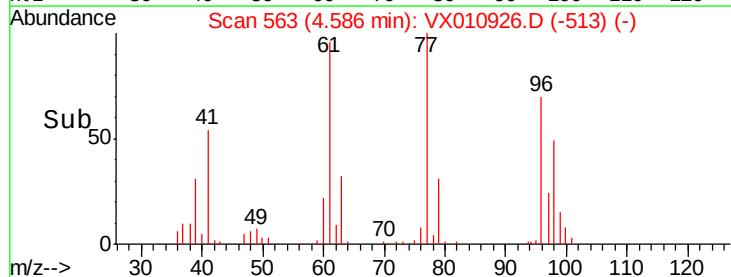
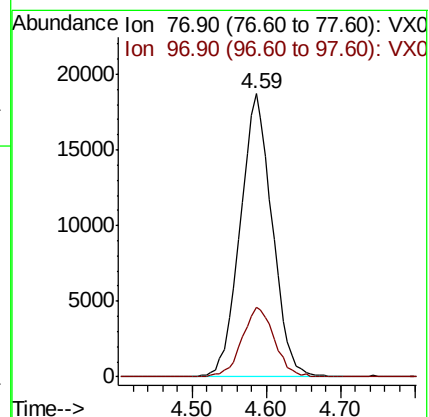
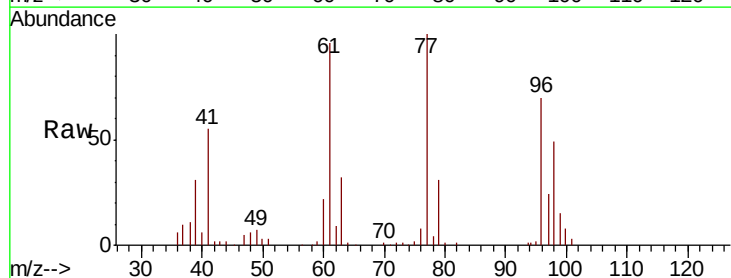
Acq: 17 Jul 2019 11:26

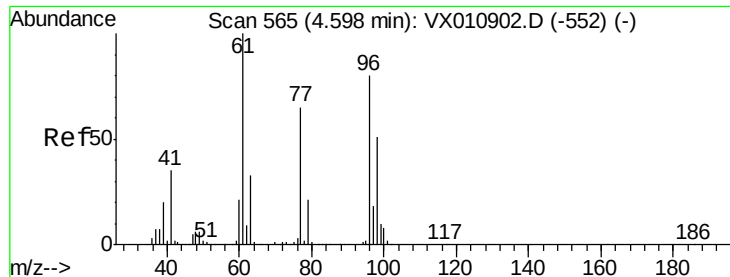
Tgt Ion: 77 Resp: 56229

Ion Ratio Lower Upper

77 100

97 25.0 12.6 37.6



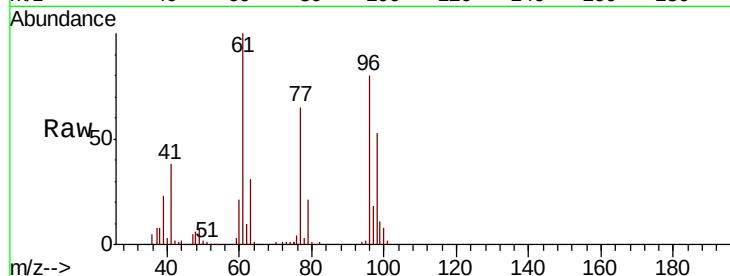


#27

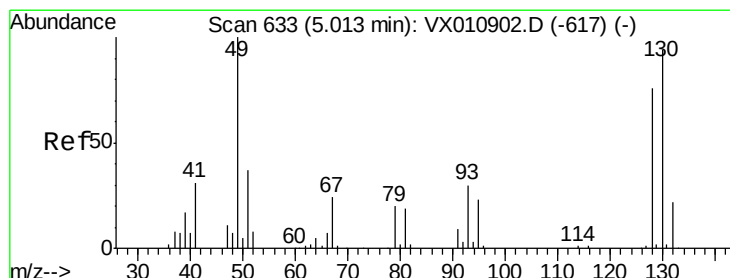
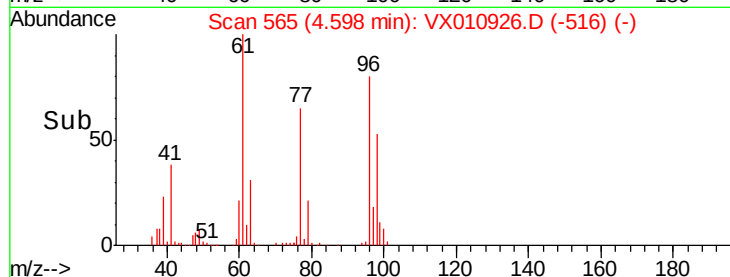
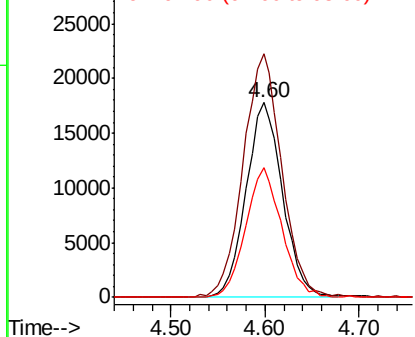
cis-1,2-Dichloroethene
 Concen: 19.106 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX010926.D
 Acq: 17 Jul 2019 11:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0717WBS01

Tot Ion: 96 Resp: 48410
 Ion Ratio Lower Upper
 96 100
 61 132.4 0.0 269.0
 98 65.8 0.0 131.4



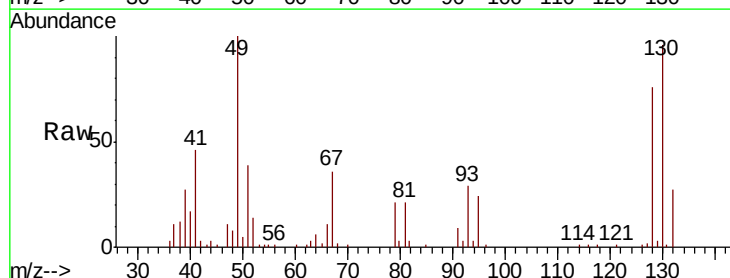
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



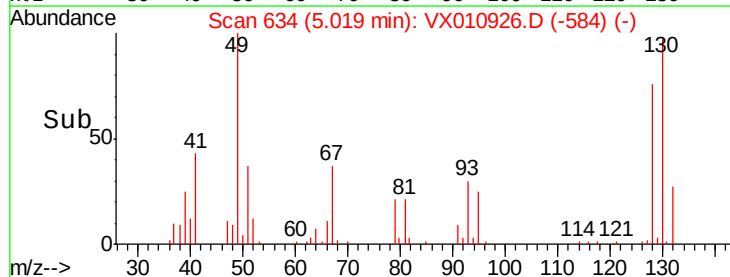
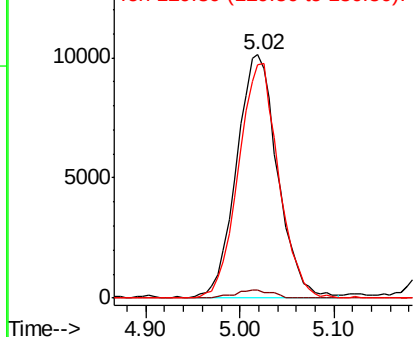
#28

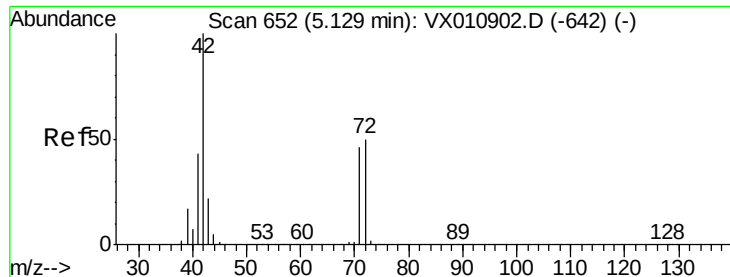
Bromochloromethane
 Concen: 17.903 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.01 min
 Lab File: VX010926.D
 Acq: 17 Jul 2019 11:26

Tgt Ion: 49 Resp: 30971
 Ion Ratio Lower Upper
 49 100
 129 3.0 0.0 5.2
 130 93.8 76.9 115.3



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





#29

Tetrahydrofuran

Concen: 96.572 ug/l

RT: 5.13 min Scan# 653

Delta R.T. 0.01 min

Lab File: VX010926.D

Acq: 17 Jul 2019 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX0717WBS01

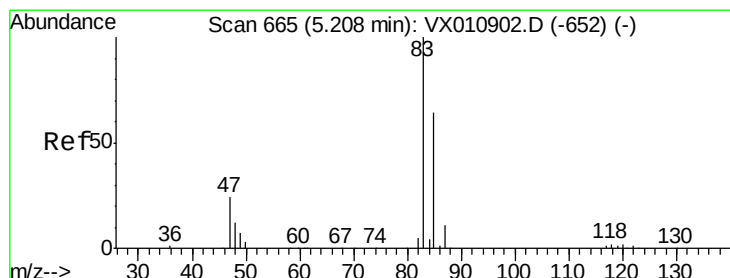
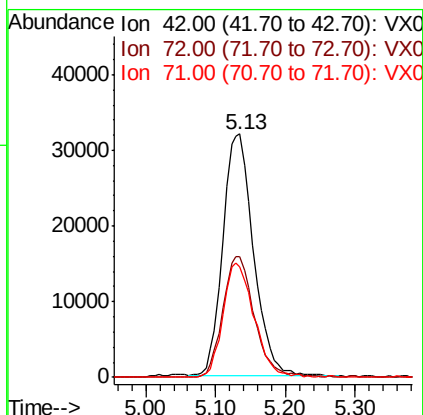
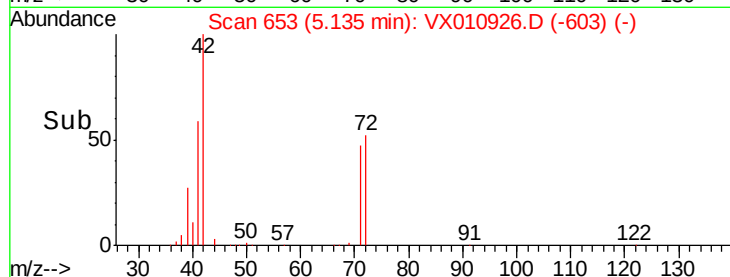
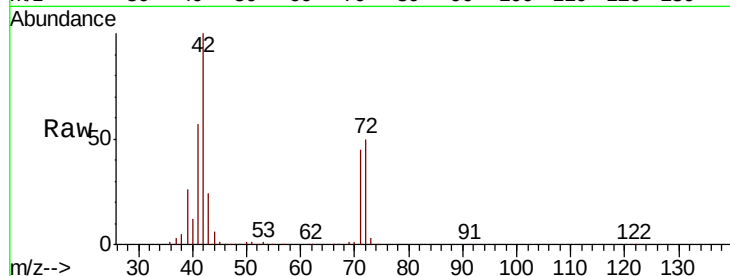
Tot Ion: 42 Resp: 97740

Ion Ratio Lower Upper

42 100

72 50.9 39.8 59.8

71 47.6 37.0 55.4



#30

Chloroform

Concen: 18.907 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.01 min

Lab File: VX010926.D

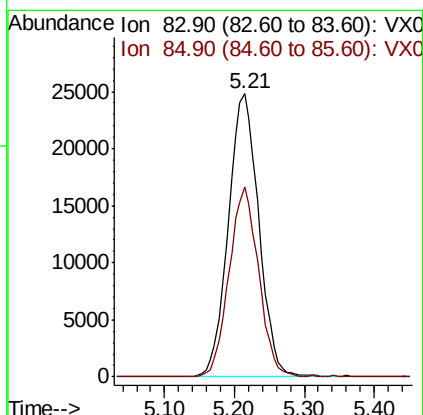
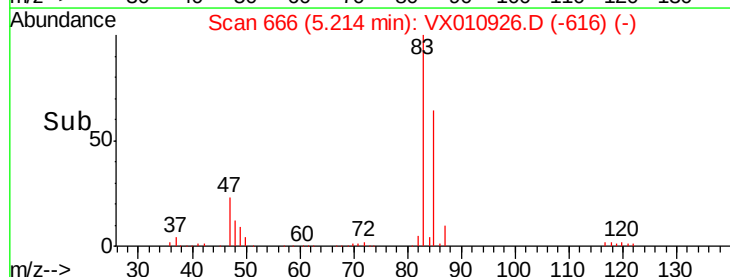
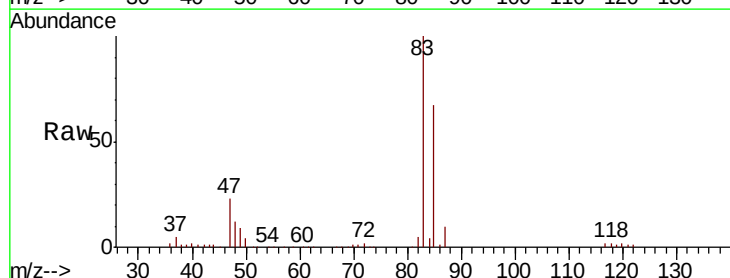
Acq: 17 Jul 2019 11:26

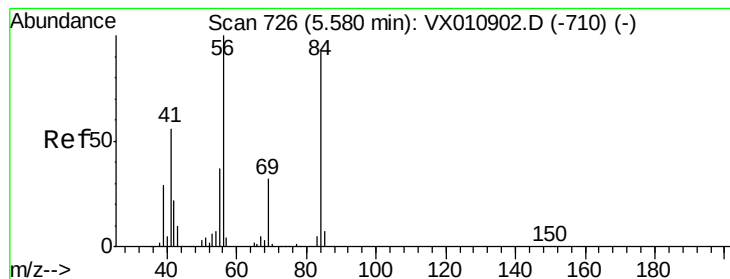
Tgt Ion: 83 Resp: 75022

Ion Ratio Lower Upper

83 100

85 67.2 51.4 77.0





#31

Cyclohexane

Concen: 19.618 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX010926.D

Acq: 17 Jul 2019 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX0717WBS01

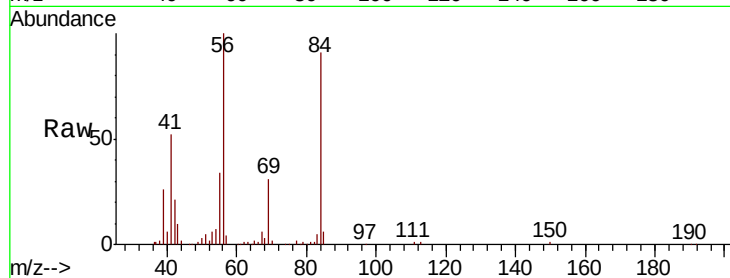
Tot Ion: 56 Resp: 65643

Ion Ratio Lower Upper

56 100

69 31.4 25.8 38.8

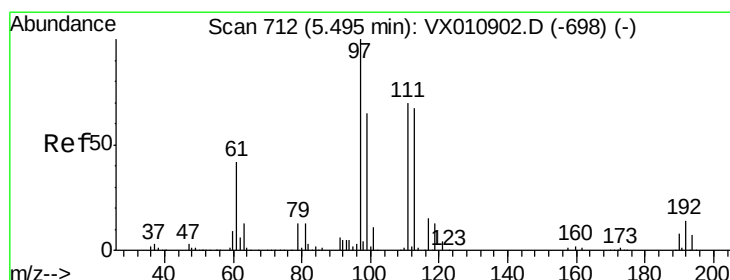
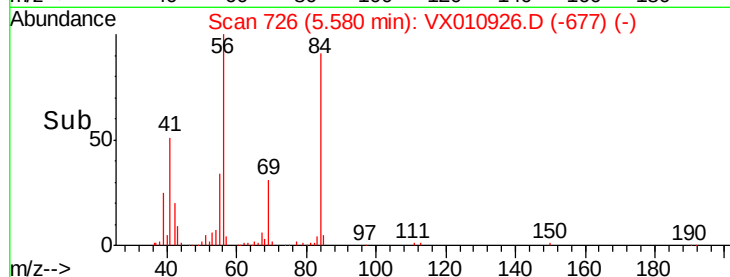
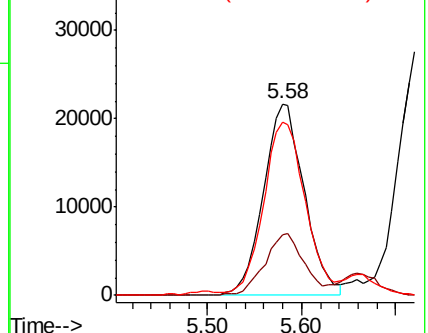
84 89.2 73.8 110.6



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: 18.942 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX010926.D

Acq: 17 Jul 2019 11:26

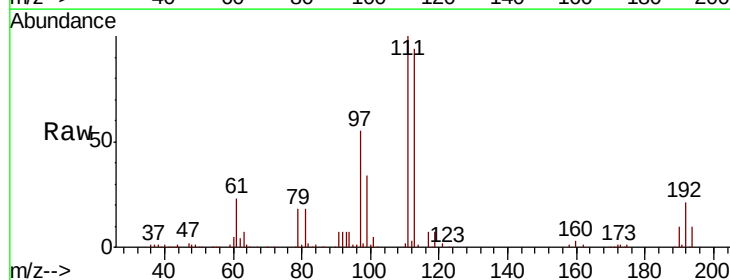
Tgt Ion: 97 Resp: 65026

Ion Ratio Lower Upper

97 100

99 65.1 51.4 77.0

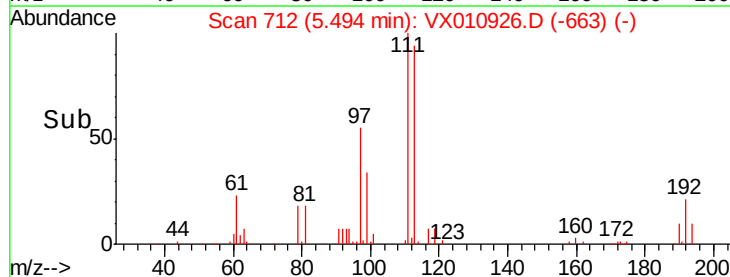
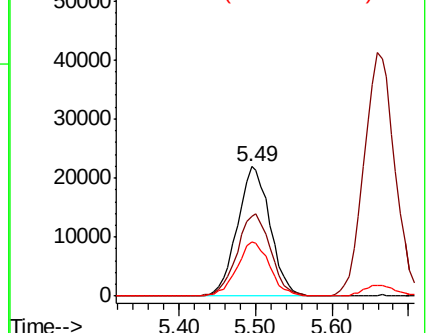
61 41.0 33.0 49.6

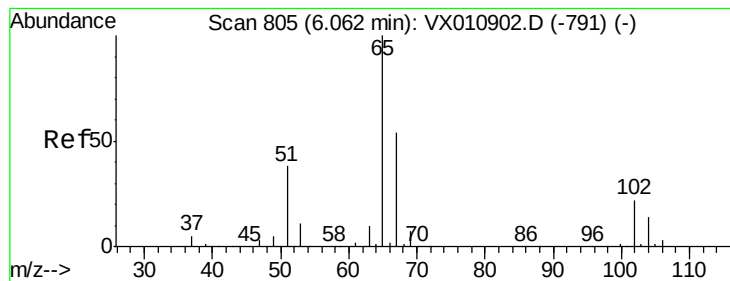


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 50.416 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX010926.D

Acq: 17 Jul 2019 11:26

Instrument :

MSVOA_X

ClientSampleId :

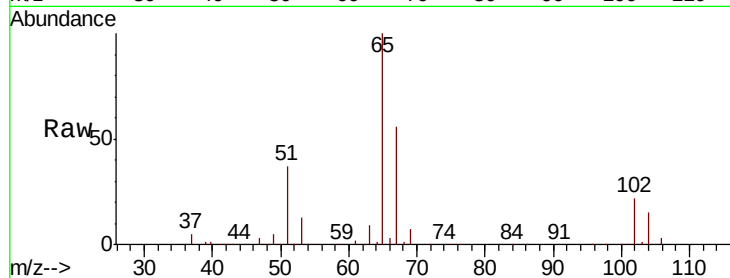
VX0717WBS01

Tot Ion: 65 Resp: 124247

Ion Ratio Lower Upper

65 100

67 54.1 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

30000

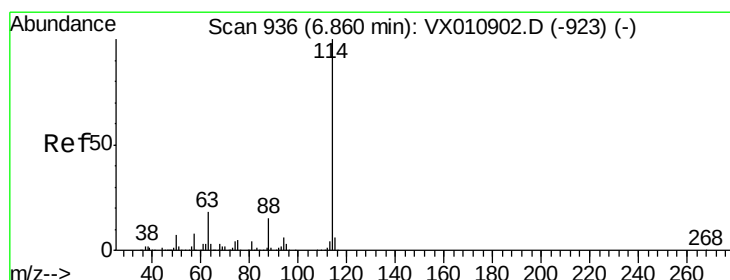
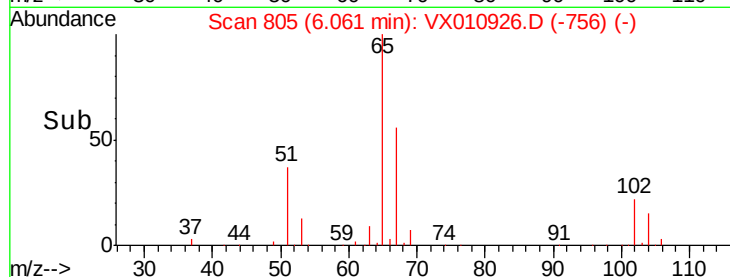
20000

10000

0

Time-->

6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX010926.D

Acq: 17 Jul 2019 11:26

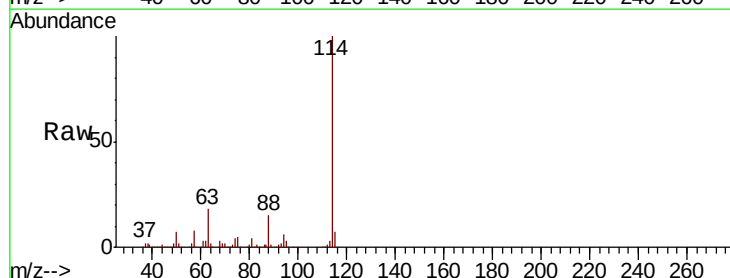
Tgt Ion: 114 Resp: 346466

Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.6

88 14.9 0.0 29.8



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

200000

150000

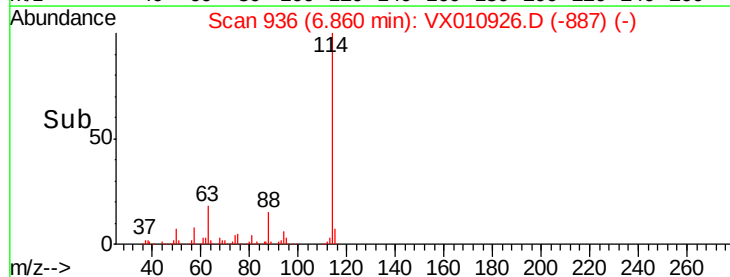
100000

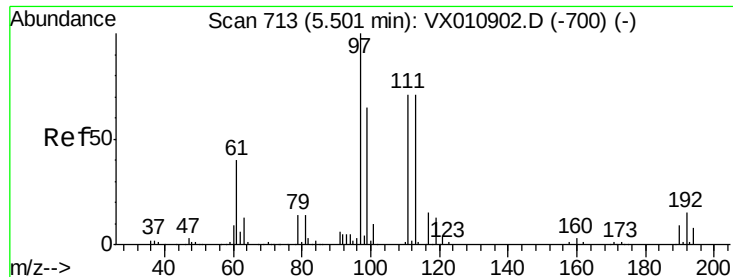
50000

0

Time-->

6.70 6.80 6.90 7.00

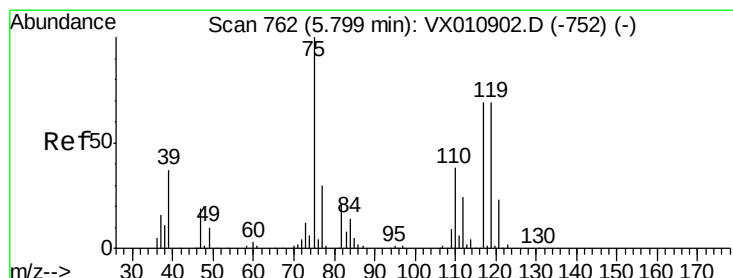
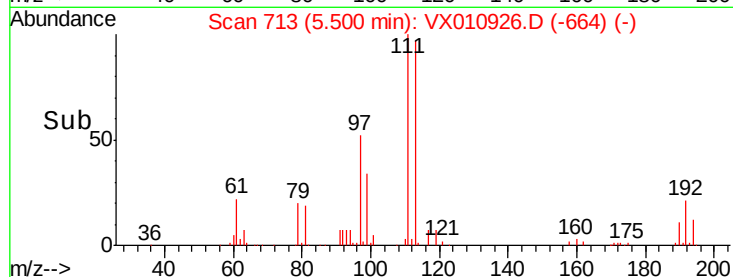
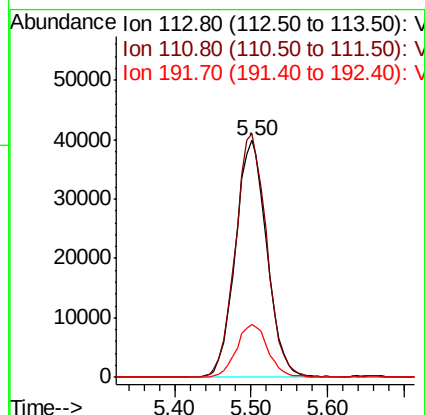
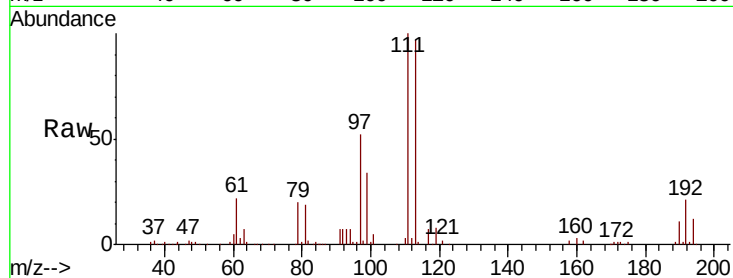




#35
 Dibromofluoromethane
 Concen: 51.530 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX010926.D
 Acq: 17 Jul 2019 11:26

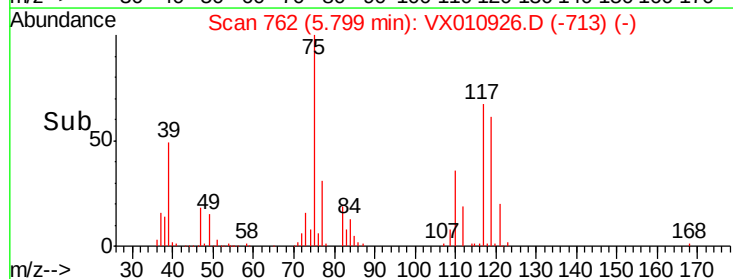
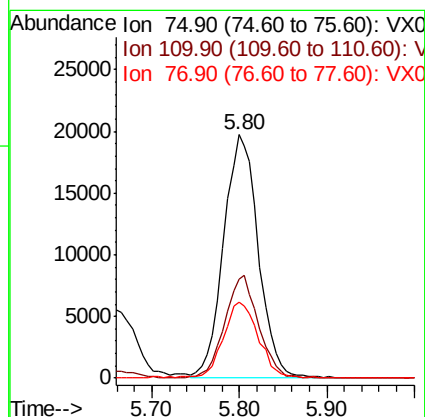
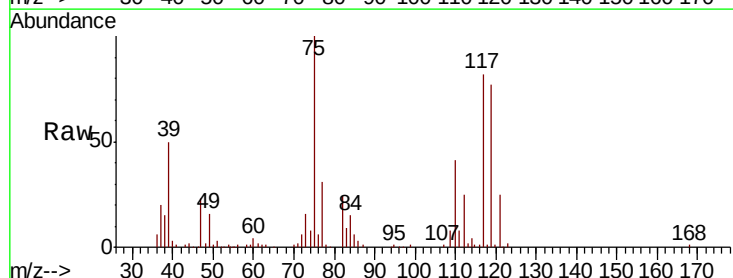
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0717WBS01

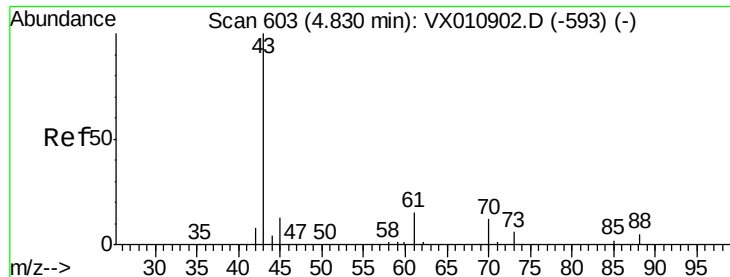
Tot Ion:113 Resp: 113319
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.3 123.5
 192 22.4 17.4 26.2



#36
 1,1-Dichloropropene
 Concen: 19.112 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX010926.D
 Acq: 17 Jul 2019 11:26

Tgt Ion: 75 Resp: 54392
 Ion Ratio Lower Upper
 75 100
 110 41.0 19.9 59.7
 77 31.7 25.0 37.4





#37

Ethyl Acetate

Concen: 19.634 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.01 min

Lab File: VX010926.D

Acq: 17 Jul 2019 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX0717WBS01

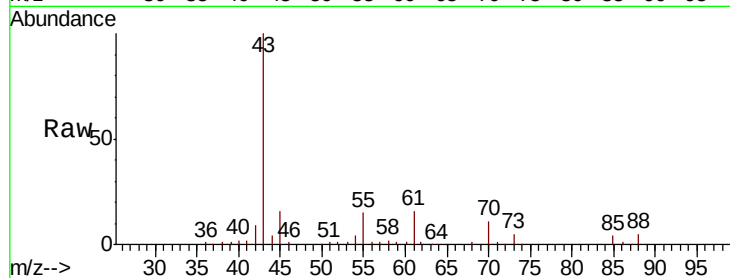
Tot Ion: 43 Resp: 57216

Ion Ratio Lower Upper

43 100

61 16.0 11.6 17.4

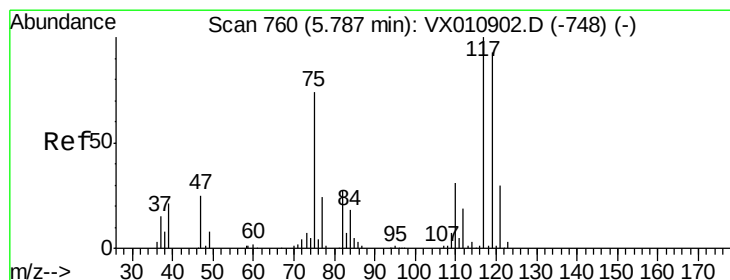
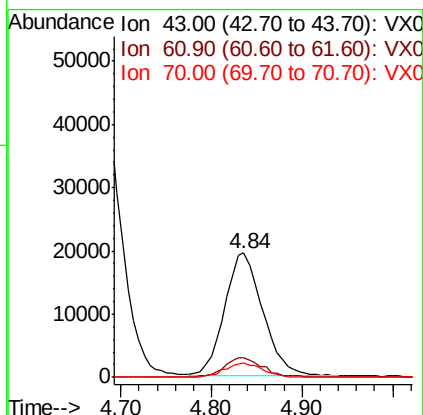
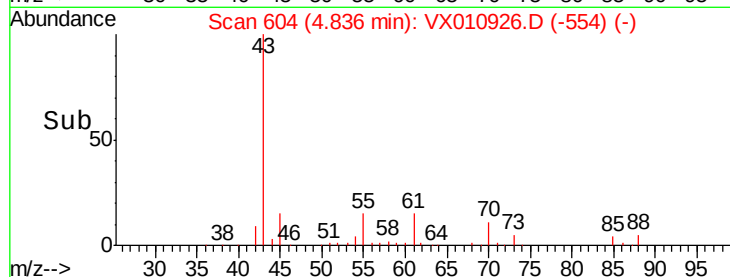
70 11.7 9.1 13.7



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: 19.128 ug/l

RT: 5.79 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX010926.D

Acq: 17 Jul 2019 11:26

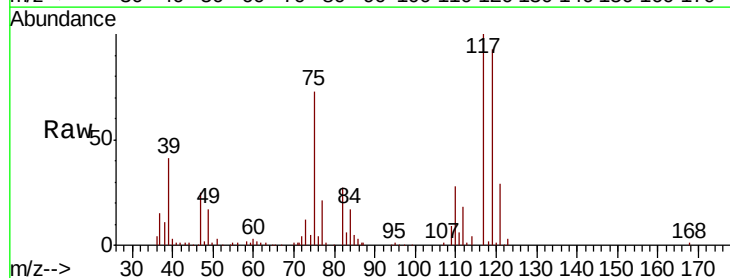
Tgt Ion: 117 Resp: 56725

Ion Ratio Lower Upper

117 100

119 93.1 74.2 111.2

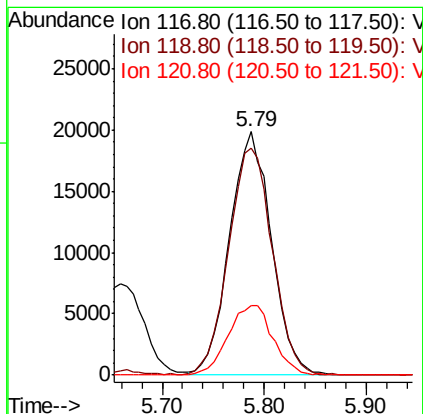
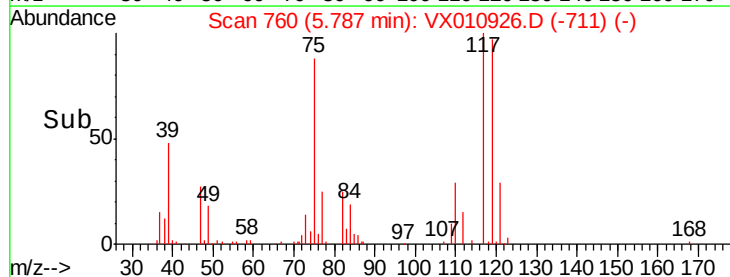
121 28.6 24.2 36.2

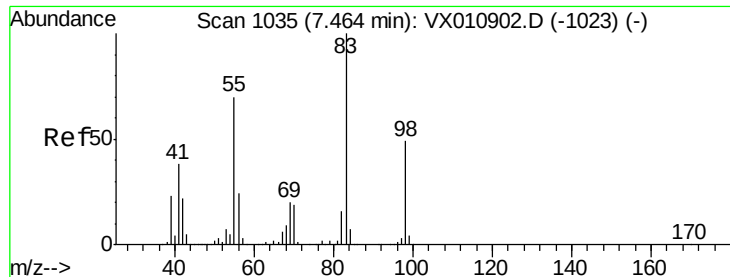


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

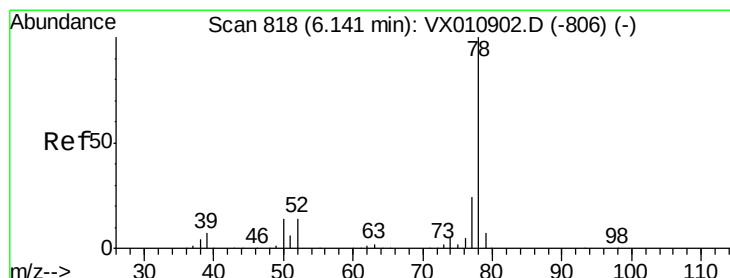
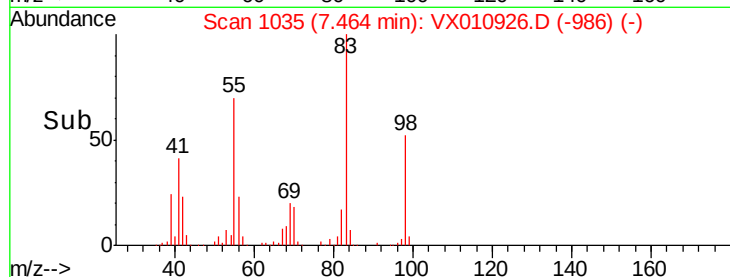
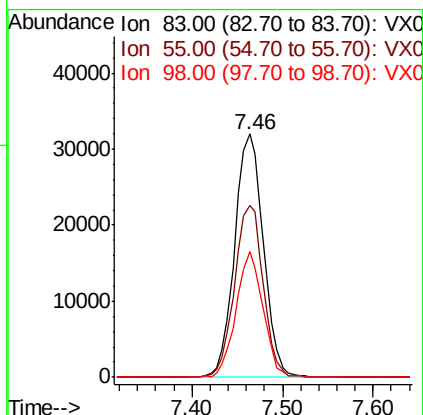
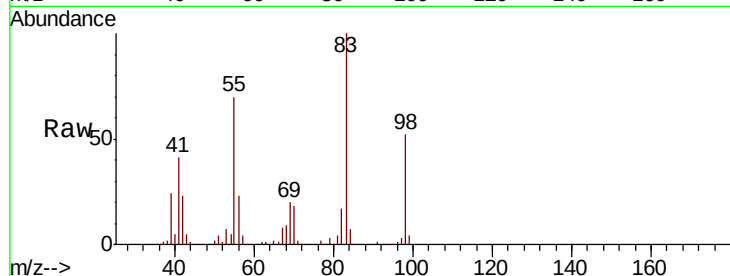




#39
Methylvlcyclohexane
Concen: 18.986 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX010926.D
Acq: 17 Jul 2019 11:26

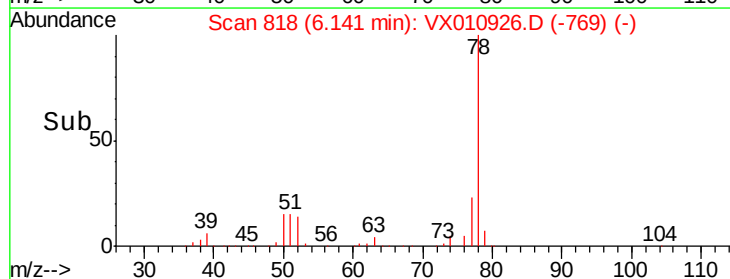
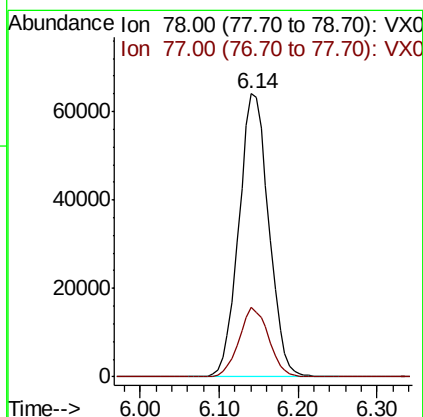
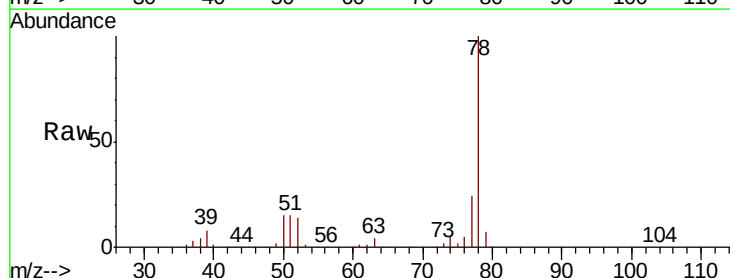
Instrument :
MSVOA_X
ClientSampleId :
VX0717WBS01

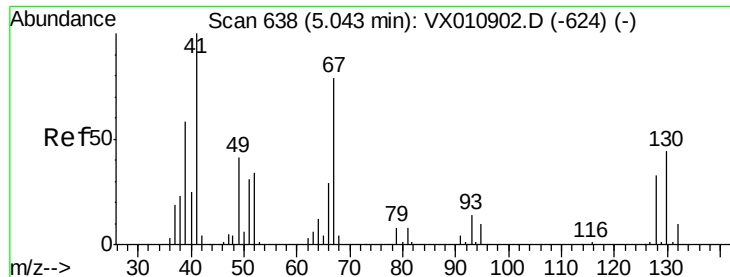
Tot Ion: 83 Resp: 70069
Ion Ratio Lower Upper
83 100
55 70.5 56.2 84.4
98 51.8 39.0 58.4



#40
Benzene
Concen: 19.412 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX010926.D
Acq: 17 Jul 2019 11:26

Tgt Ion: 78 Resp: 169225
Ion Ratio Lower Upper
78 100
77 24.4 19.0 28.6





#41

Methacrylonitrile

Concen: 19.047 ug/l

RT: 5.04 min Scan# 637

Delta R.T. -0.01 min

Lab File: VX010926.D

Acq: 17 Jul 2019 11:26

Instrument :

MSVOA_X

ClientSampled :

VX0717WBS01

Tot Ion: 41 Resp: 31509

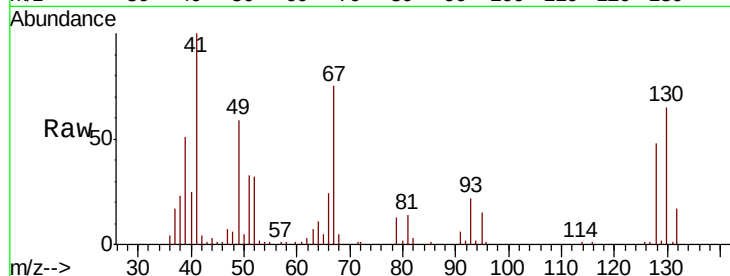
Ion Ratio Lower Upper

41 100

39 54.8 45.4 68.2

67 78.3 65.9 98.9

52 33.4 26.2 39.2

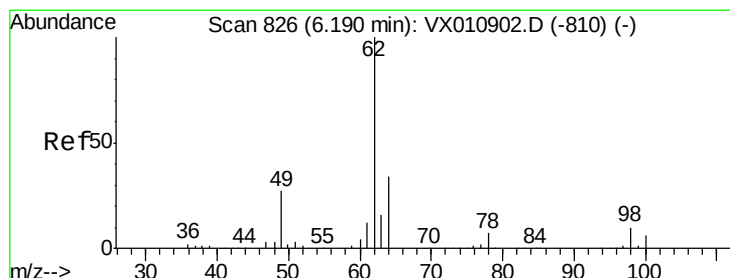
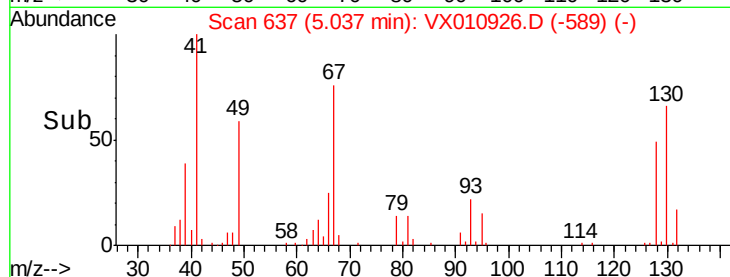
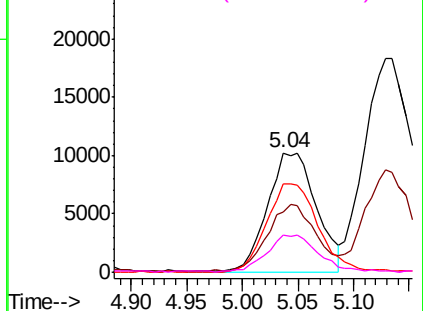


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 19.024 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.00 min

Lab File: VX010926.D

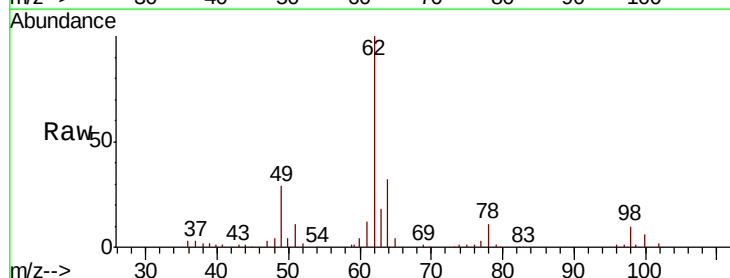
Acq: 17 Jul 2019 11:26

Tgt Ion: 62 Resp: 57664

Ion Ratio Lower Upper

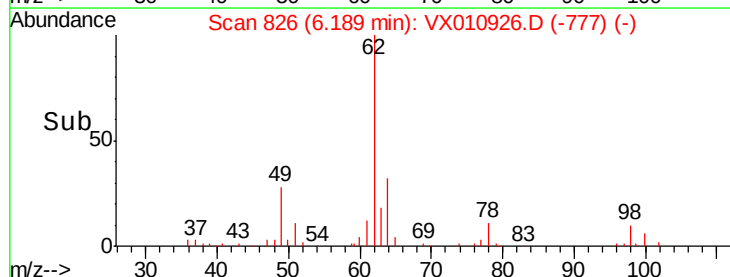
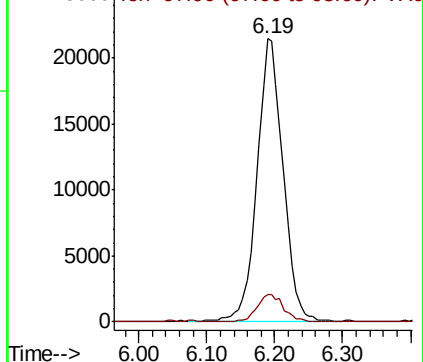
62 100

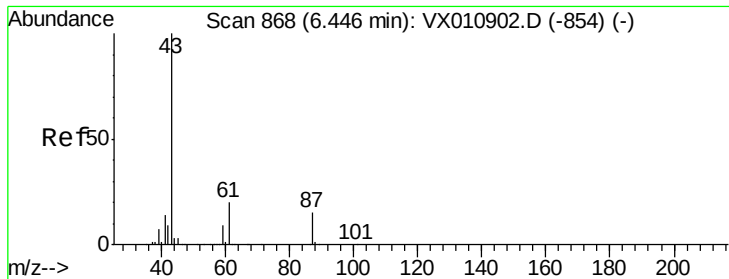
98 9.7 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



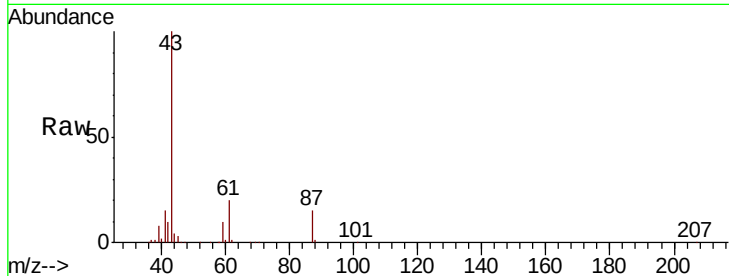


#43

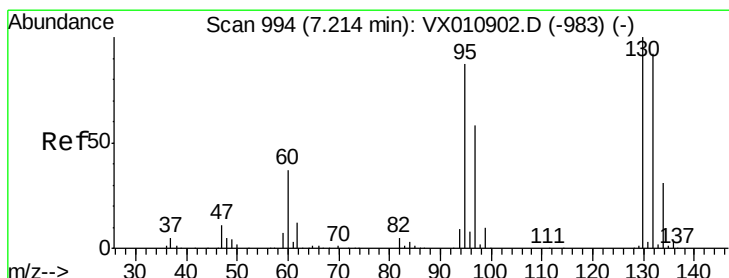
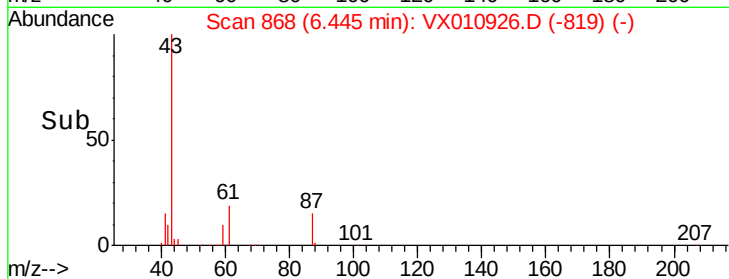
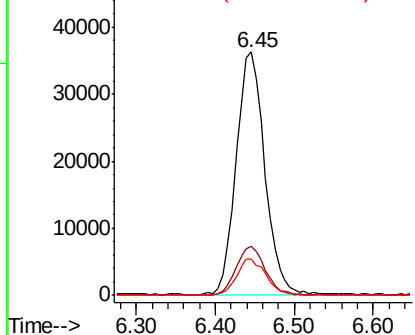
Isopropyl Acetate
 Concen: 19.064 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX010926.D
 Acq: 17 Jul 2019 11:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0717WBS01

Tot Ion: 43 Resp: 91351
 Ion Ratio Lower Upper
 43 100
 61 20.7 17.1 25.7
 87 15.4 12.0 18.0



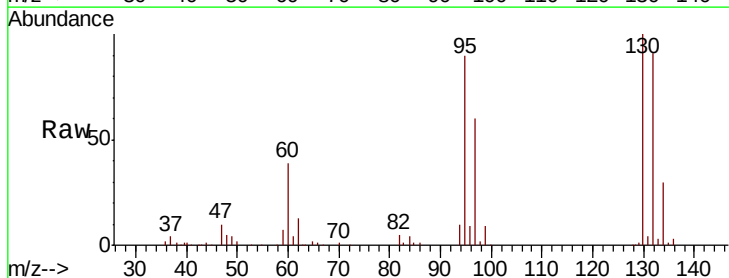
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



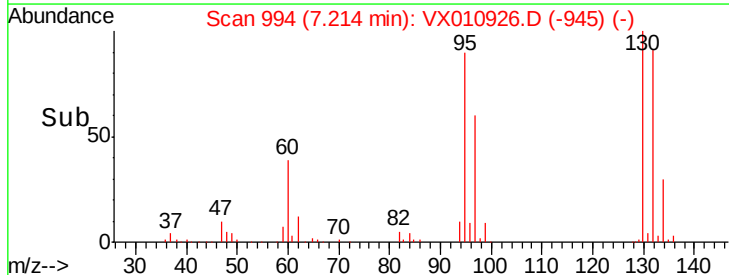
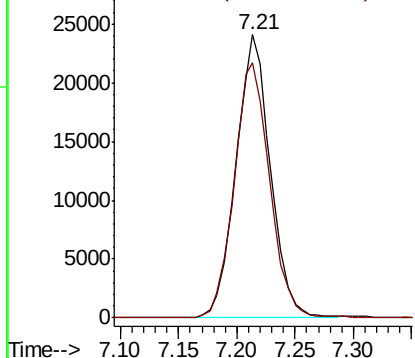
#44

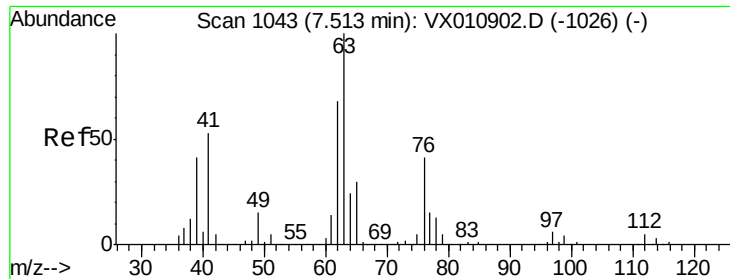
Trichloroethene
 Concen: 19.192 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX010926.D
 Acq: 17 Jul 2019 11:26

Tgt Ion: 130 Resp: 49524
 Ion Ratio Lower Upper
 130 100
 95 90.4 0.0 174.8



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





#45

1,2-Dichloropropane

Concen: 19.076 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX010926.D

Acq: 17 Jul 2019 11:26

Instrument :

MSVOA_X

ClientSampleId :

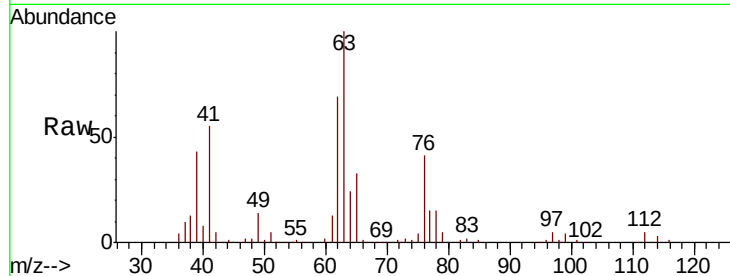
VX0717WBS01

Tot Ion: 63 Resp: 42326

Ion Ratio Lower Upper

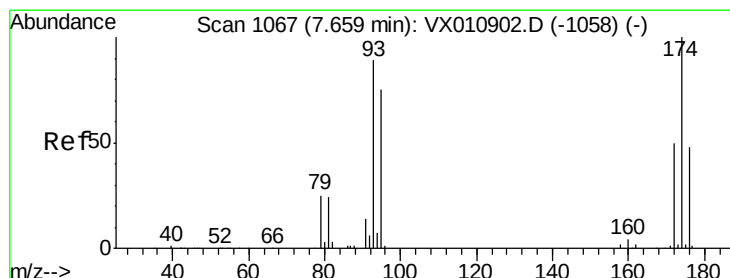
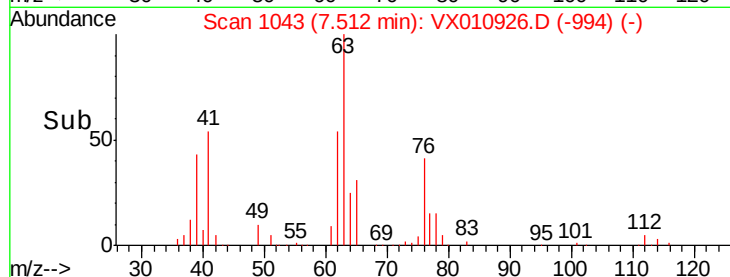
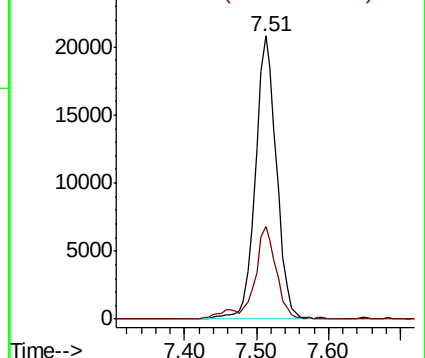
63 100

65 32.5 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.191 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX010926.D

Acq: 17 Jul 2019 11:26

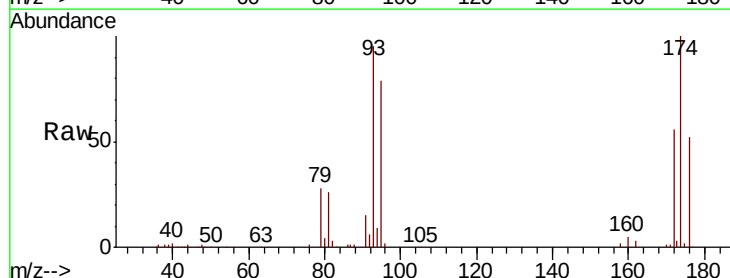
Tgt Ion: 93 Resp: 30427

Ion Ratio Lower Upper

93 100

95 83.6 67.2 100.8

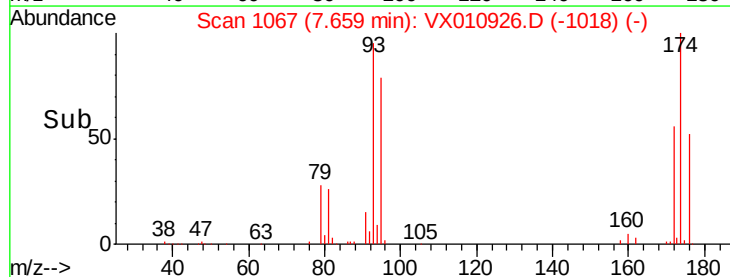
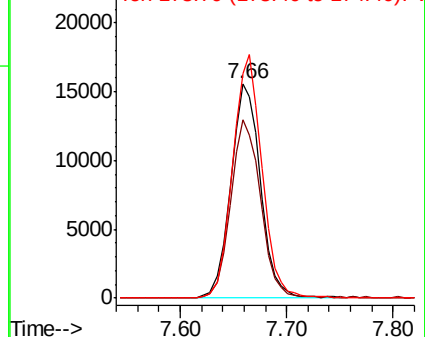
174 112.3 90.6 135.8

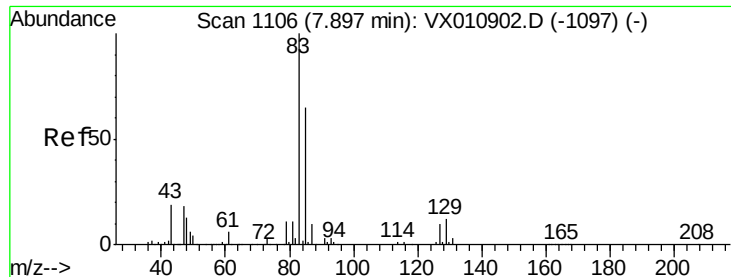


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.219 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX010926.D

Acq: 17 Jul 2019 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX0717WBS01

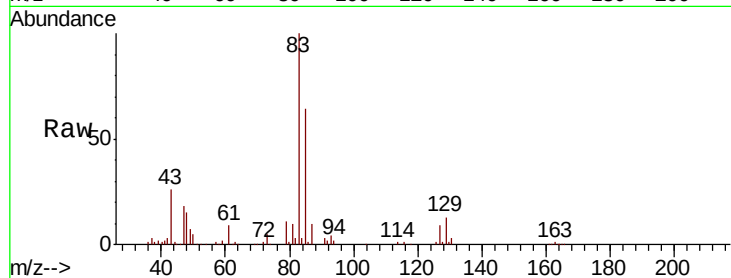
Tot Ion: 83 Resp: 54242

Ion Ratio Lower Upper

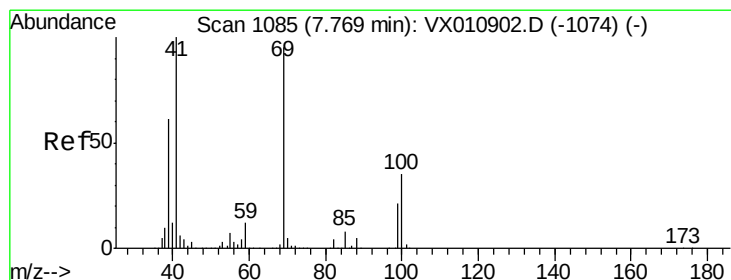
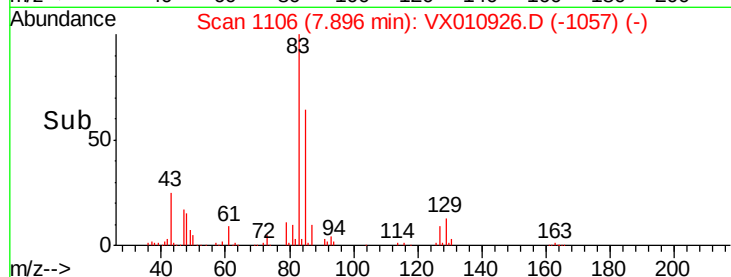
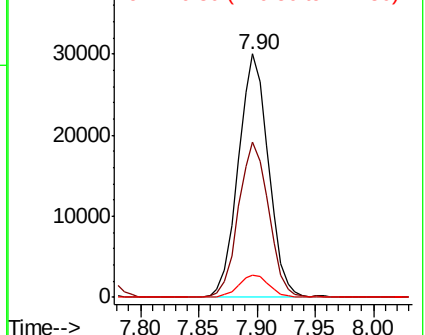
83 100

85 63.9 52.5 78.7

127 9.2 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: 19.054 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX010926.D

Acq: 17 Jul 2019 11:26

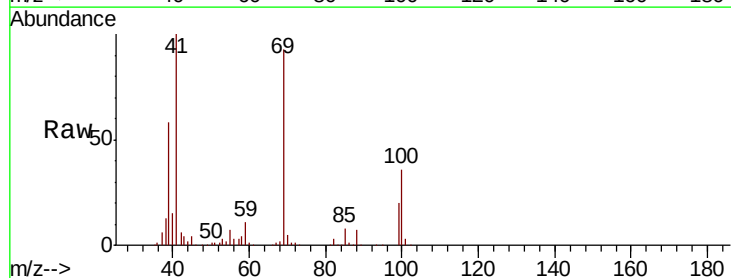
Tgt Ion: 41 Resp: 44478

Ion Ratio Lower Upper

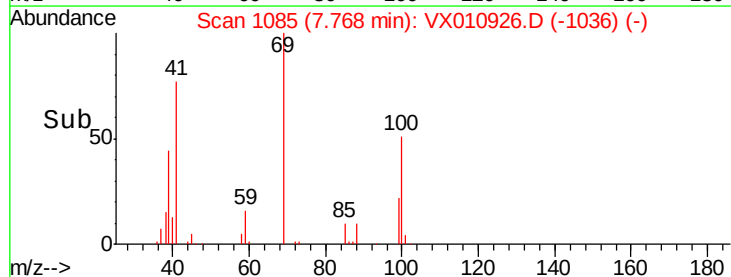
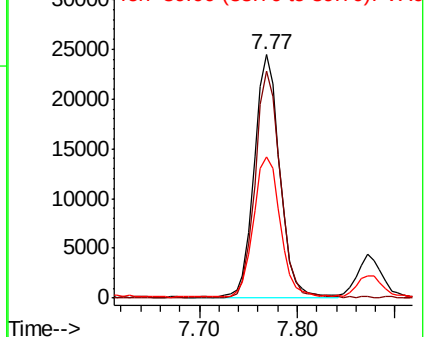
41 100

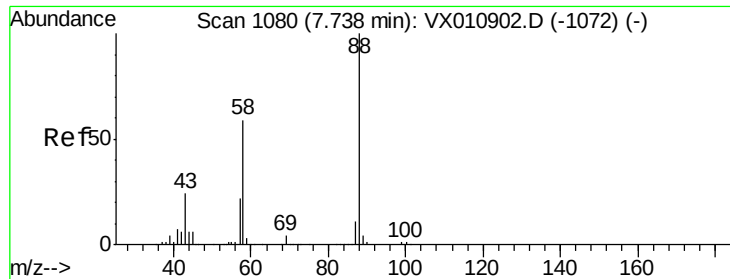
69 92.4 74.4 111.6

39 59.6 48.9 73.3



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

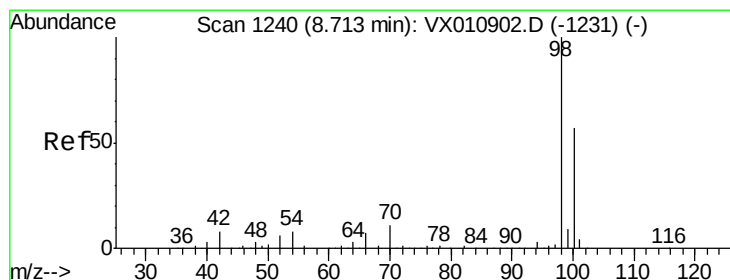
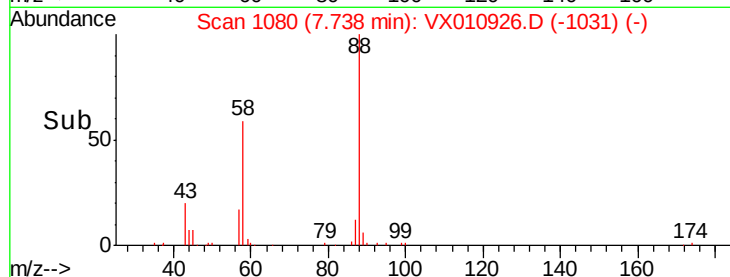
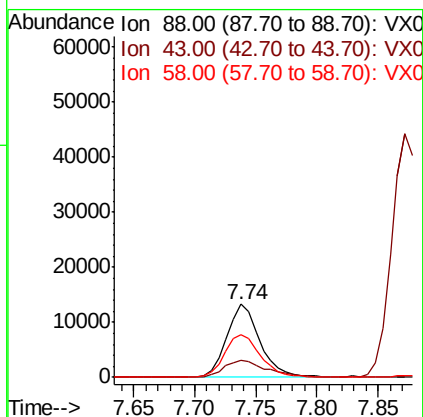
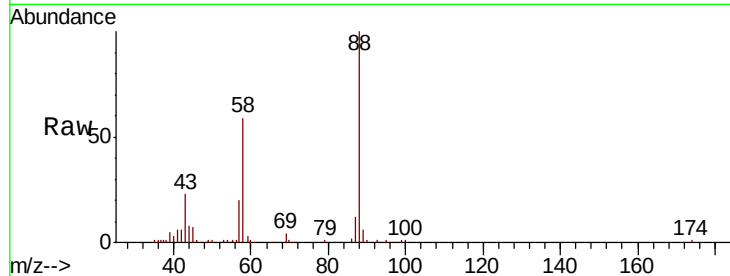




#49
1,4-Dioxane
Concen: 381.177 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX010926.D
Acq: 17 Jul 2019 11:26

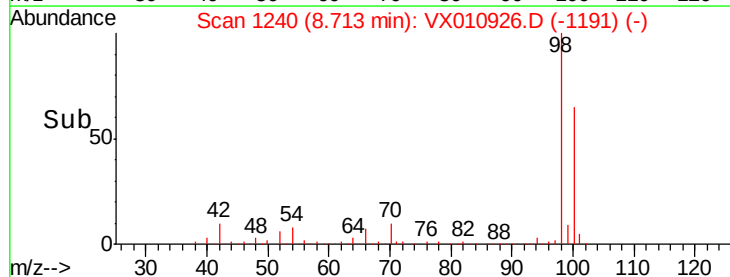
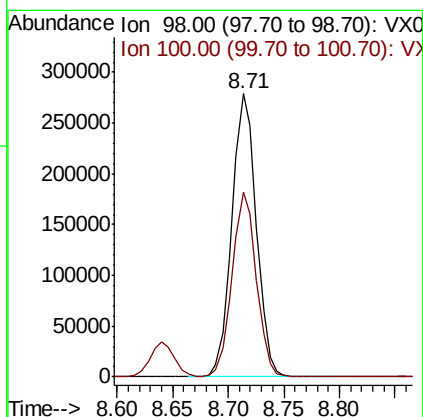
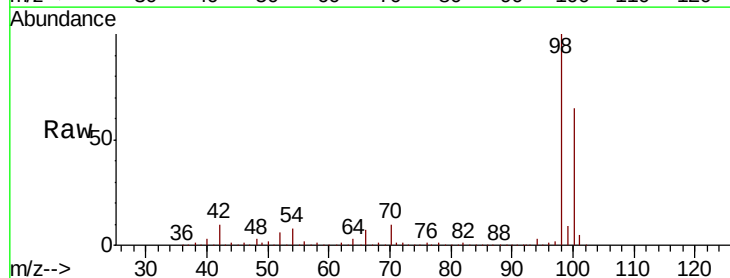
Instrument :
MSVOA_X
ClientSampleId :
VX0717WBS01

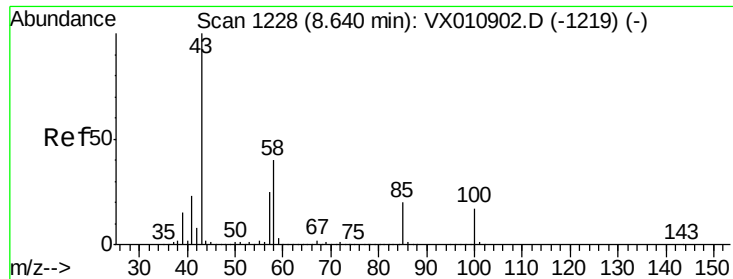
Tot Ion: 88 Resp: 24889
Ion Ratio Lower Upper
88 100
43 29.0 22.9 34.3
58 64.7 49.8 74.8



#50
Toluene-d8
Concen: 51.342 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX010926.D
Acq: 17 Jul 2019 11:26

Tgt Ion: 98 Resp: 423467
Ion Ratio Lower Upper
98 100
100 64.5 50.6 75.8





#51

4-Methyl-2-Pentanone

Concen: 98.267 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX010926.D

Acq: 17 Jul 2019 11:26

Instrument :

MSVOA_X

ClientSampleId :

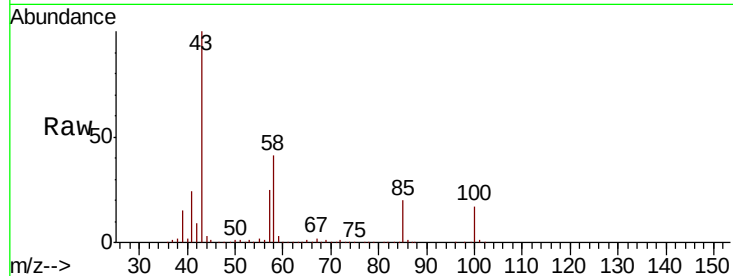
VX0717WBS01

Tot Ion: 43 Resp: 305232

Ion Ratio Lower Upper

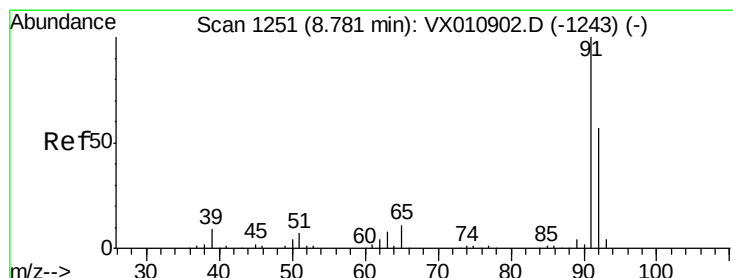
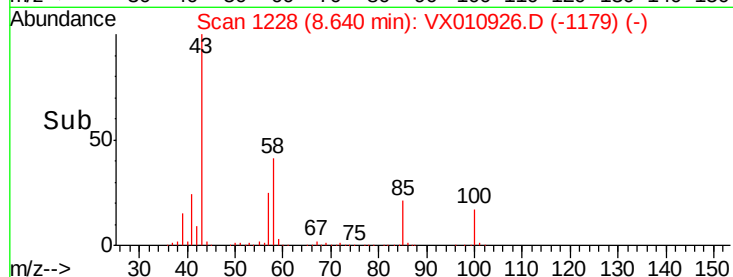
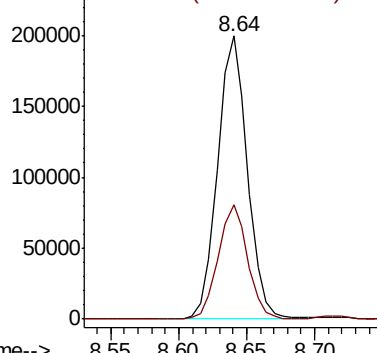
43 100

58 40.3 32.2 48.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.525 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX010926.D

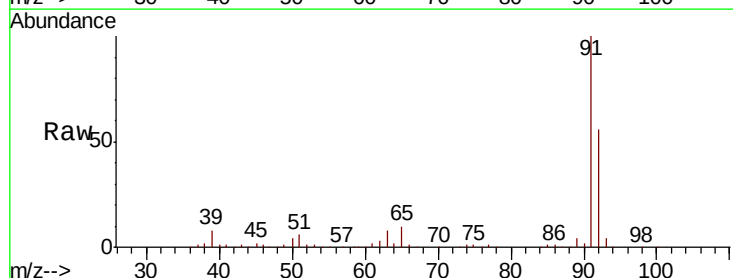
Acq: 17 Jul 2019 11:26

Tgt Ion: 92 Resp: 111815

Ion Ratio Lower Upper

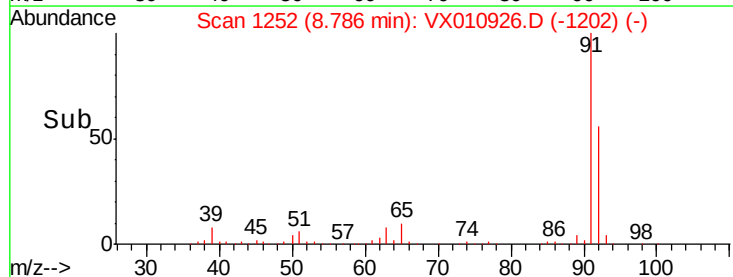
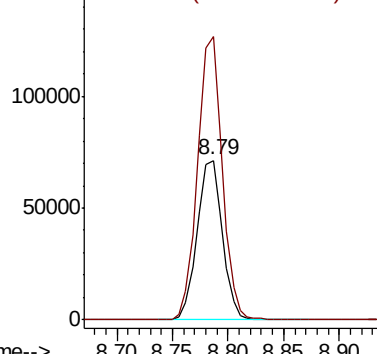
92 100

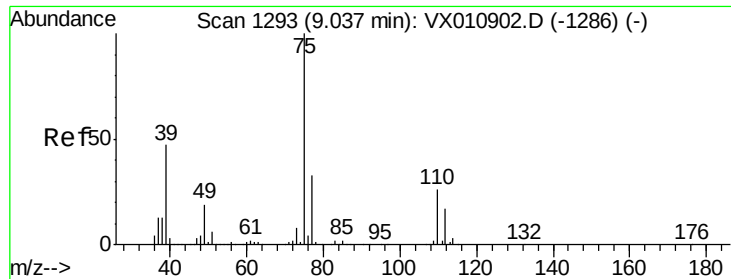
91 174.1 139.4 209.0



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: 18.986 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VX010926.D

Acq: 17 Jul 2019 11:26

Instrument :

MSVOA_X

ClientSampleId :

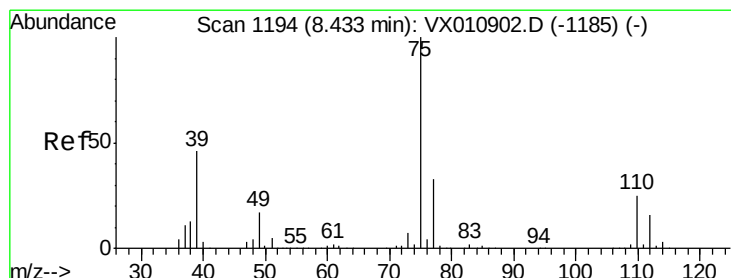
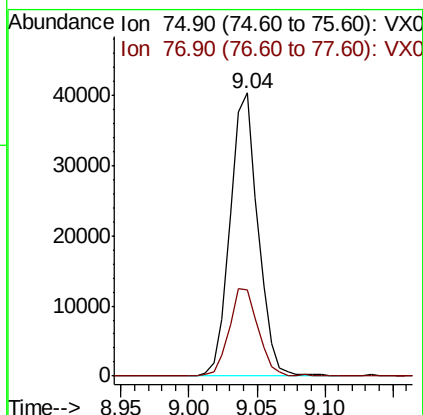
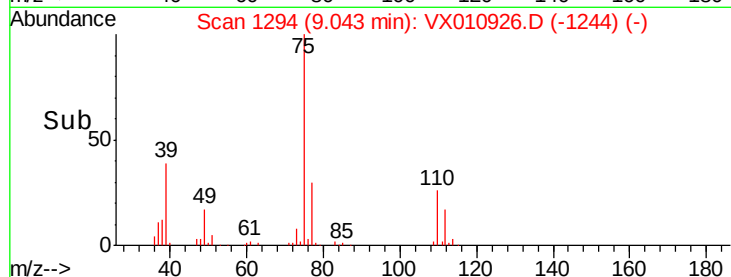
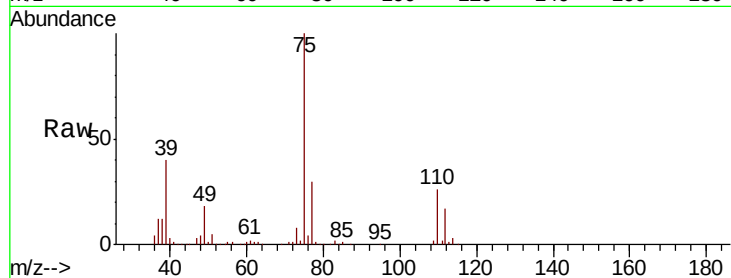
VX0717WBS01

Tot Ion: 75 Resp: 57617

Ion Ratio Lower Upper

75 100

77 30.4 26.2 39.2



#54

cis-1,3-Dichloropropene

Concen: 19.072 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX010926.D

Acq: 17 Jul 2019 11:26

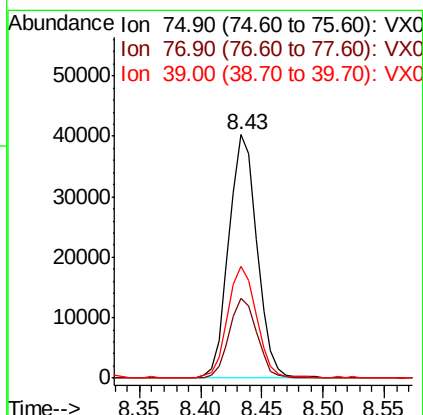
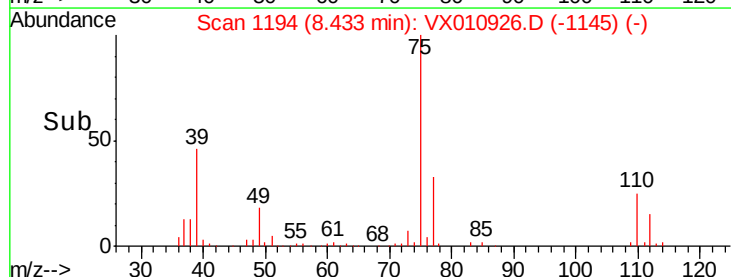
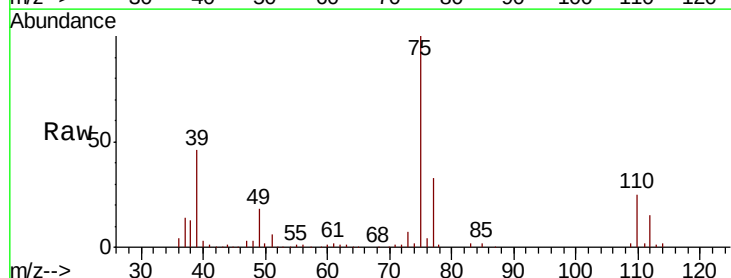
Tgt Ion: 75 Resp: 64402

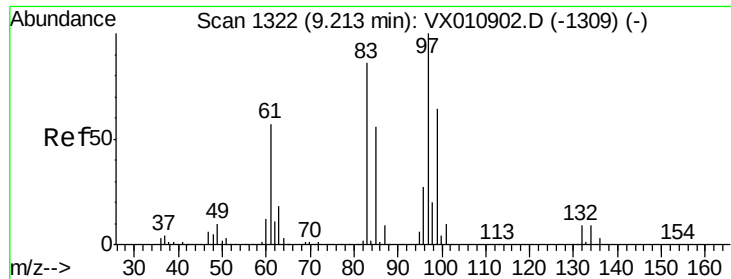
Ion Ratio Lower Upper

75 100

77 32.6 26.1 39.1

39 45.8 36.6 54.8

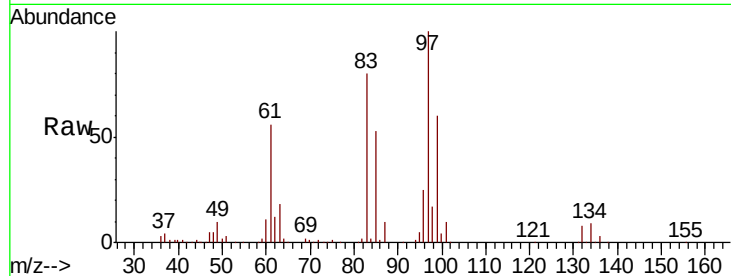




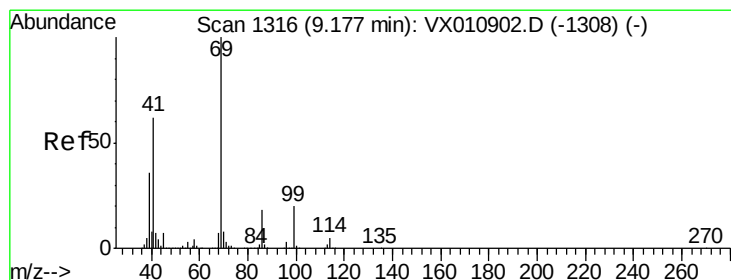
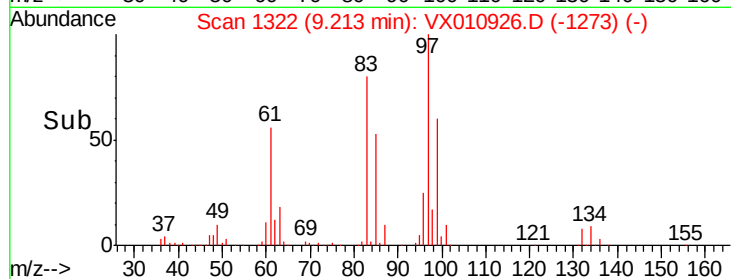
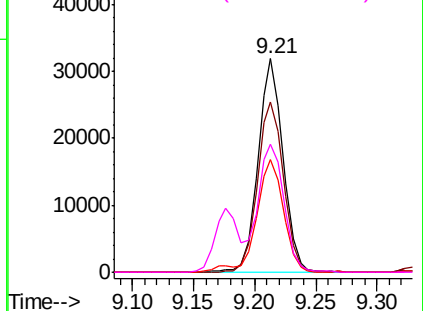
#55
 1,1,2-Trichloroethane
 Concen: 19.306 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX010926.D
 Acq: 17 Jul 2019 11:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0717WBS01

Tot Ion:	97	Resp:	45523
Ion	Ratio	Lower	Upper
97	100		
83	80.0	69.2	103.8
85	53.0	44.6	66.8
99	59.7	51.2	76.8

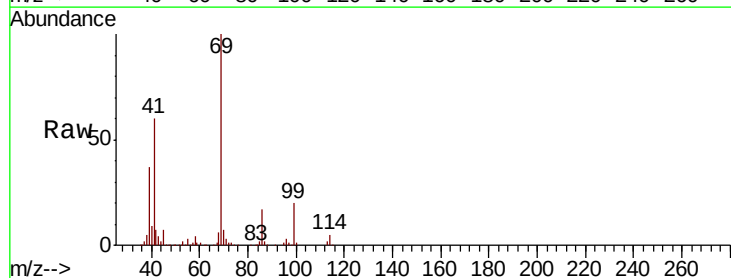


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

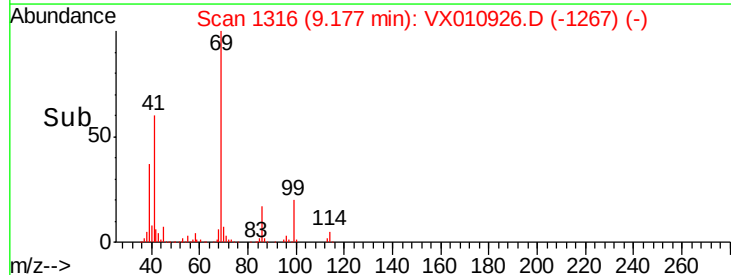
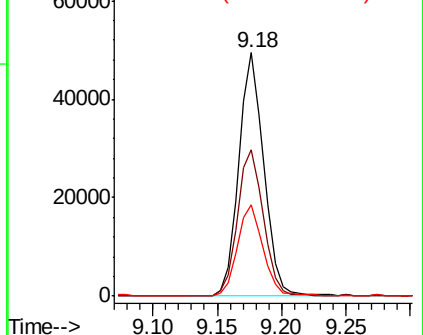


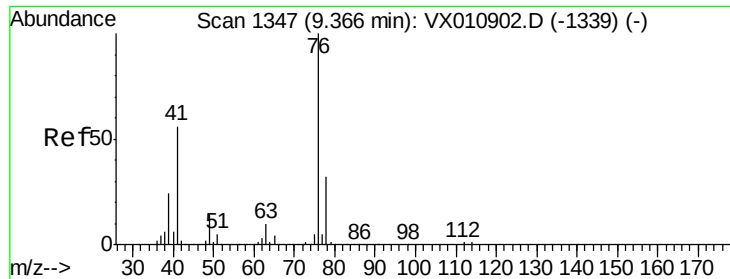
#56
 Ethyl methacrylate
 Concen: 19.327 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX010926.D
 Acq: 17 Jul 2019 11:26

Tgt Ion:	69	Resp:	66661
Ion	Ratio	Lower	Upper
69	100		
41	61.9	49.7	74.5
39	37.4	29.6	44.4



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

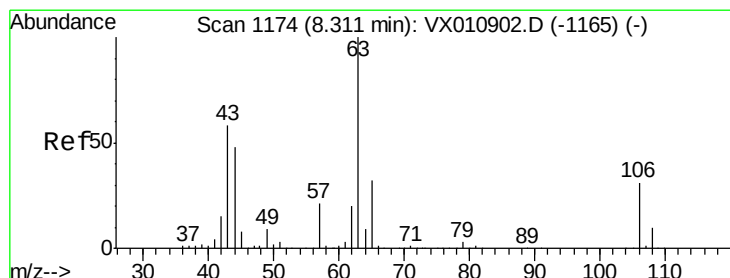
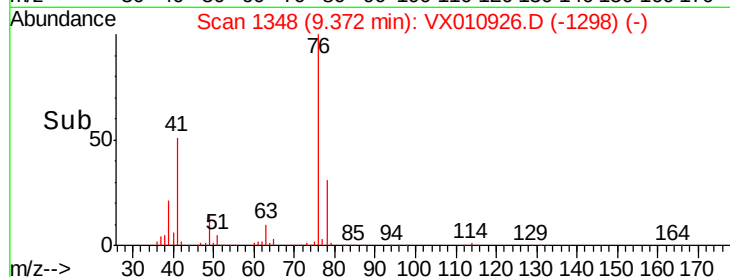
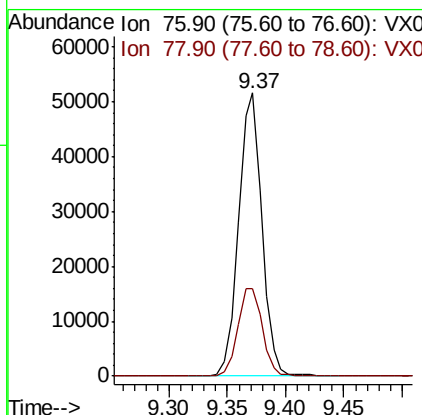
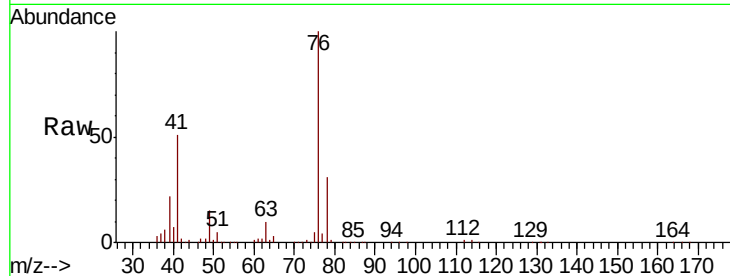




#57
 1,3-Dichloropropane
 Concen: 19.247 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.01 min
 Lab File: VX010926.D
 Acq: 17 Jul 2019 11:26

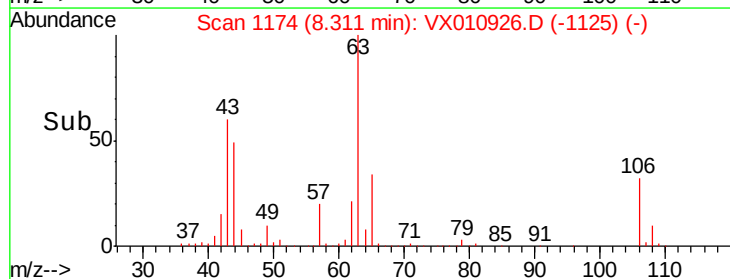
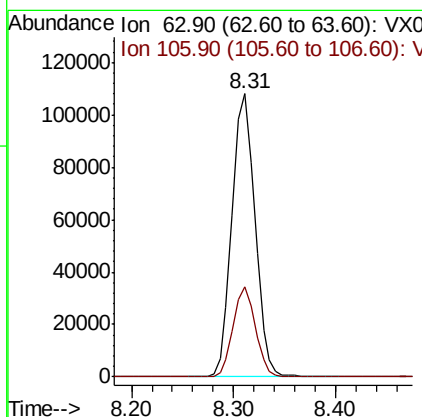
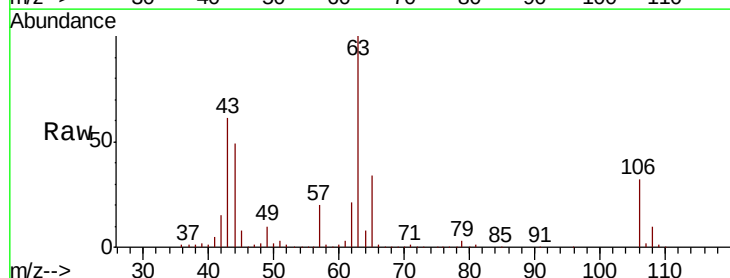
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0717WBS01

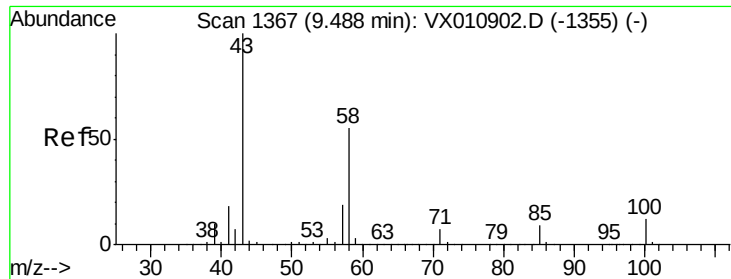
Tot Ion: 76 Resp: 71995
 Ion Ratio Lower Upper
 76 100
 78 33.0 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 102.472 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX010926.D
 Acq: 17 Jul 2019 11:26

Tgt Ion: 63 Resp: 168722
 Ion Ratio Lower Upper
 63 100
 106 31.0 24.0 36.0

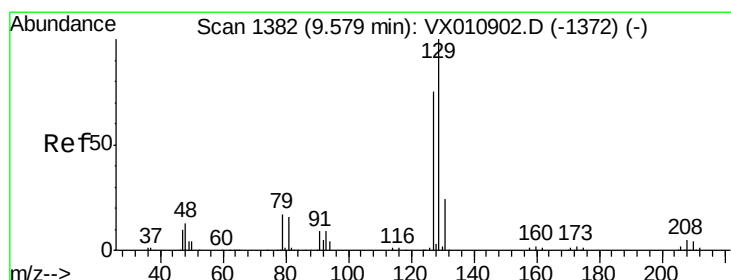
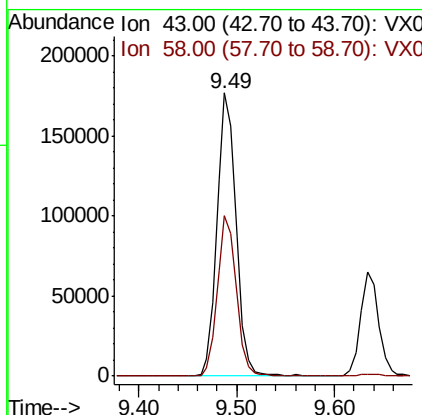
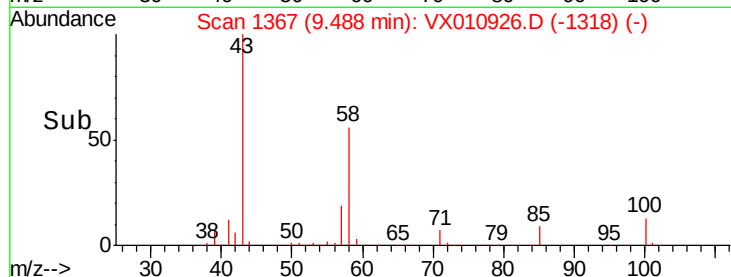
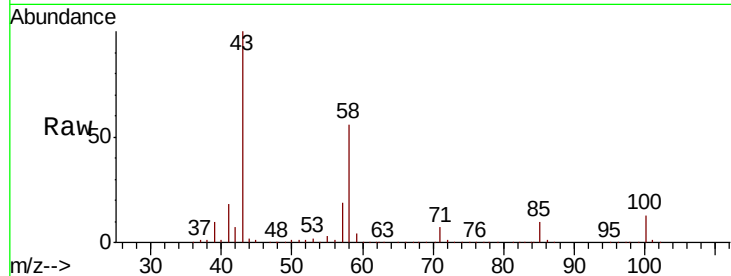




#59
2-Hexanone
Concen: 99.159 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX010926.D
Acq: 17 Jul 2019 11:26

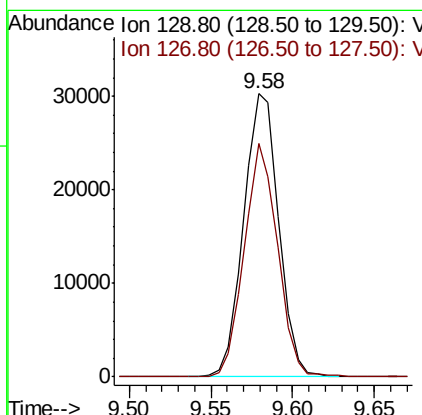
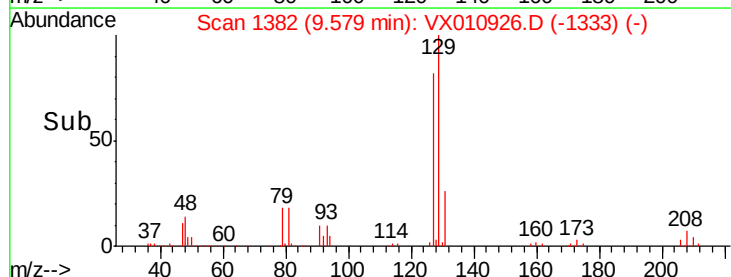
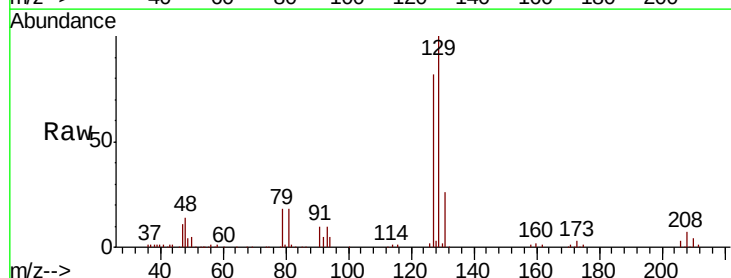
Instrument :
MSVOA_X
ClientSampleId :
VX0717WBS01

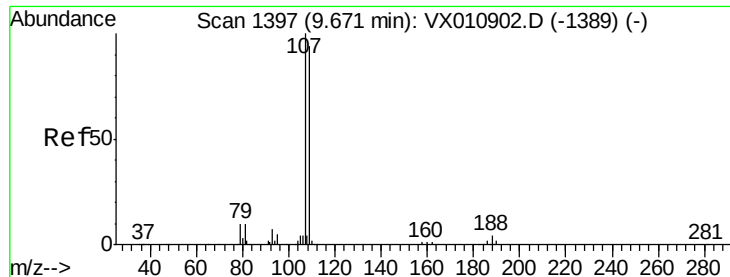
Tot Ion: 43 Resp: 238893
Ion Ratio Lower Upper
43 100
58 56.3 28.0 83.9



#60
Dibromochloromethane
Concen: 18.382 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010926.D
Acq: 17 Jul 2019 11:26

Tgt Ion: 129 Resp: 45317
Ion Ratio Lower Upper
129 100
127 78.4 38.6 115.8





#61

1,2-Dibromoethane

Concen: 19.165 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX010926.D

Acq: 17 Jul 2019 11:26

Instrument :

MSVOA_X

ClientSampleId :

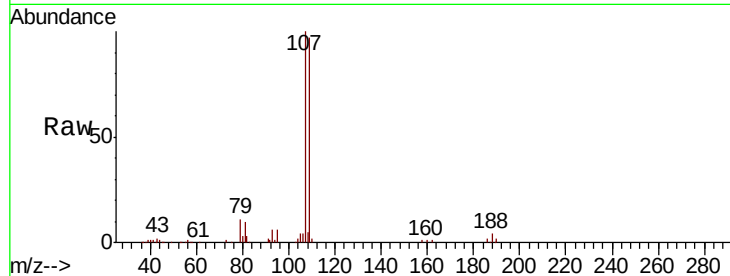
VX0717WBS01

Tot Ion:107 Resp: 47959

Ion Ratio Lower Upper

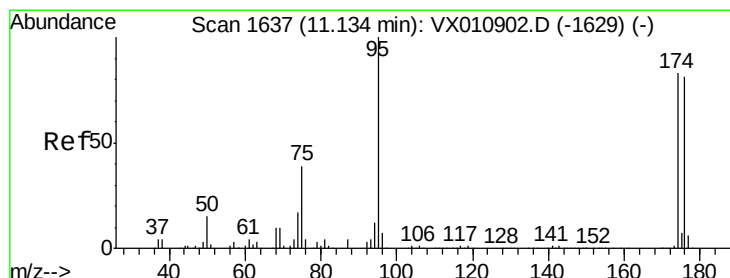
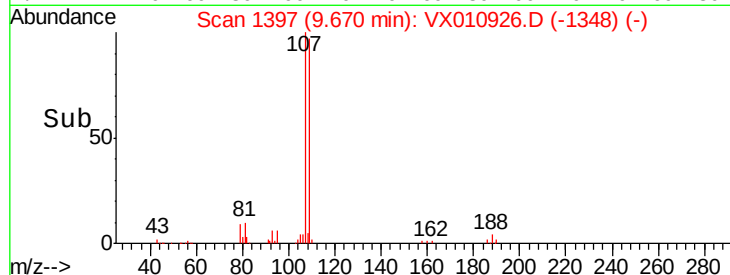
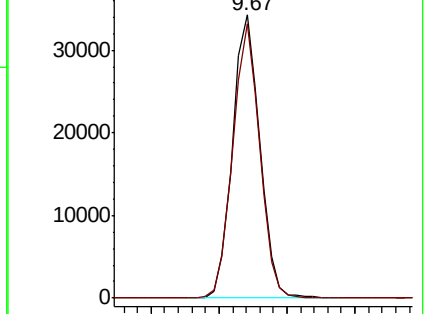
107 100

109 95.5 75.4 113.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.392 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX010926.D

Acq: 17 Jul 2019 11:26

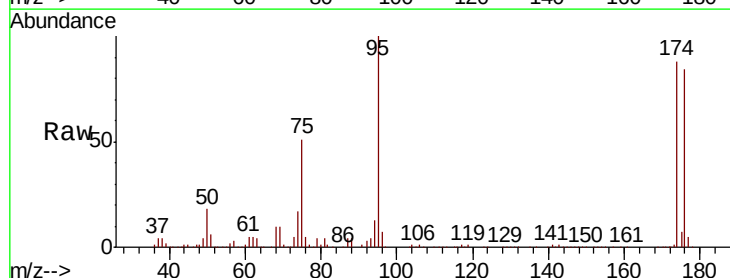
Tgt Ion: 95 Resp: 152774

Ion Ratio Lower Upper

95 100

174 92.1 0.0 180.6

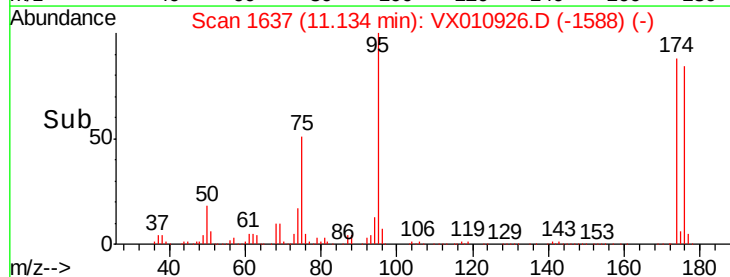
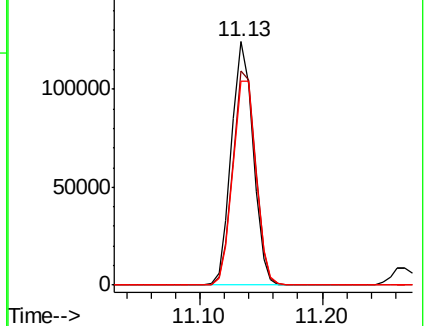
176 89.5 0.0 173.8

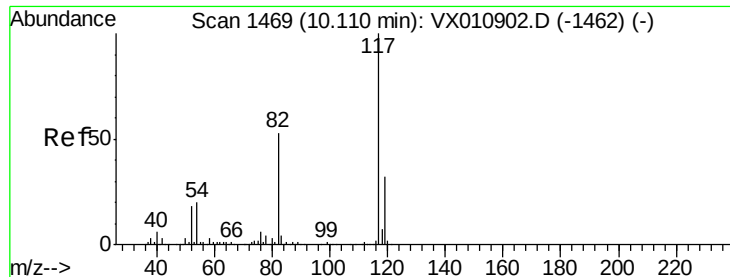


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX010926.D

Acq: 17 Jul 2019 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX0717WBS01

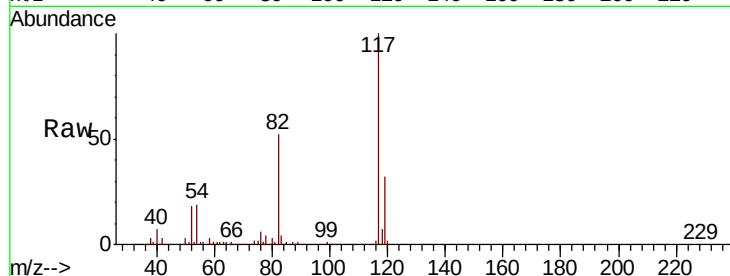
Tot Ion:117 Resp: 317808

Ion Ratio Lower Upper

117 100

82 51.9 42.6 63.8

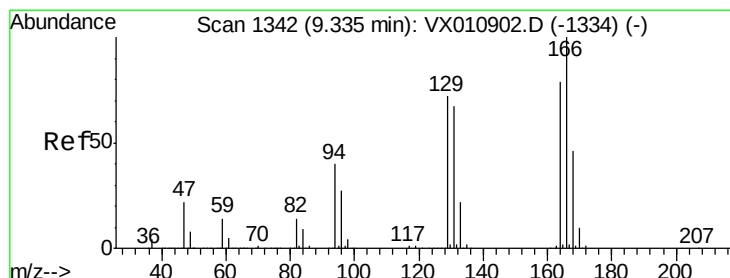
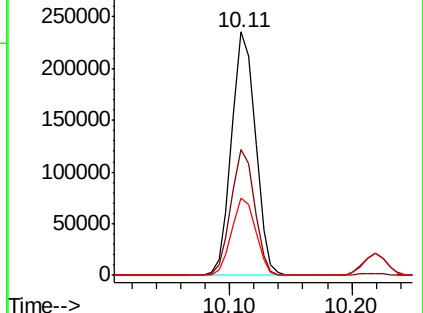
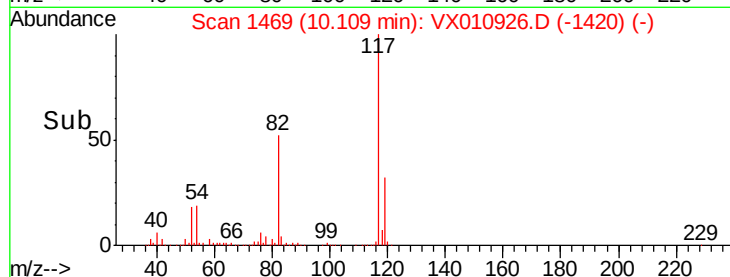
119 31.7 25.9 38.9



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 19.577 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX010926.D

Acq: 17 Jul 2019 11:26

Tgt Ion:164 Resp: 48944

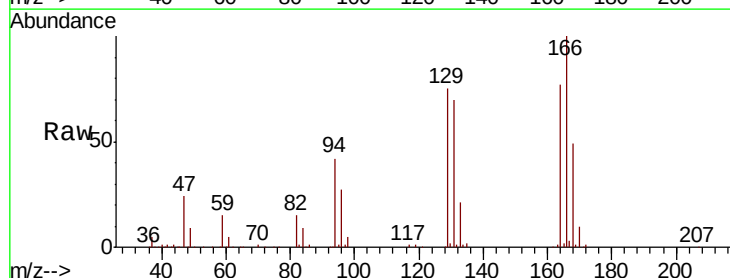
Ion Ratio Lower Upper

164 100

166 130.0 100.8 151.2

129 97.8 72.6 109.0

131 90.6 67.7 101.5

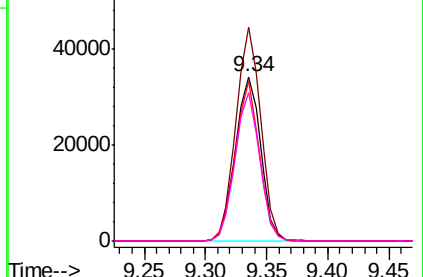
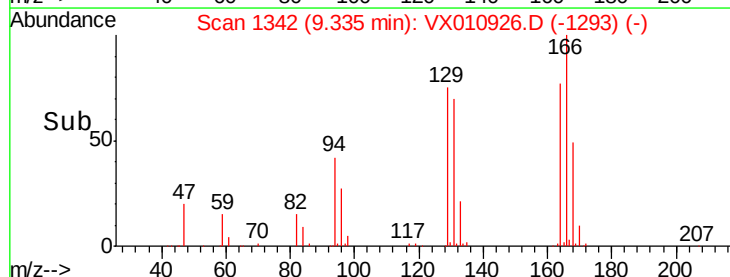


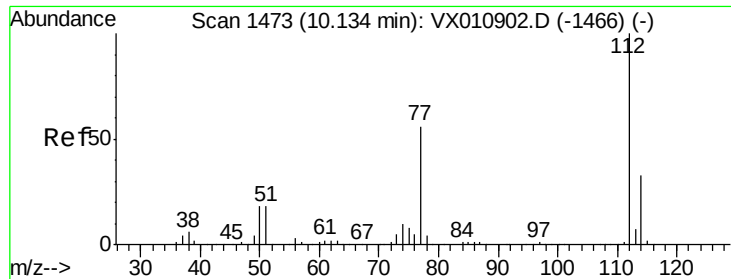
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

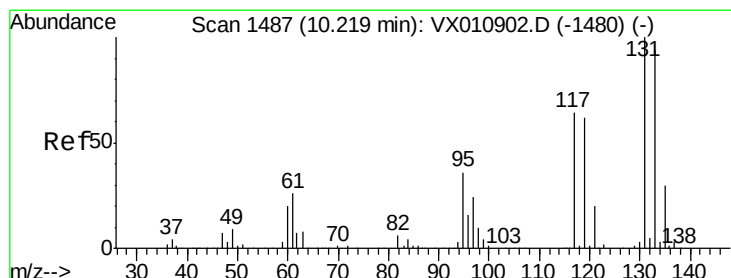
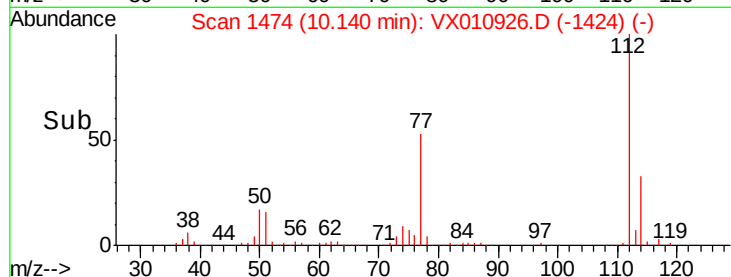
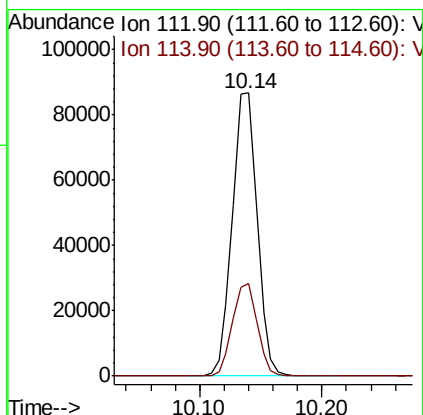
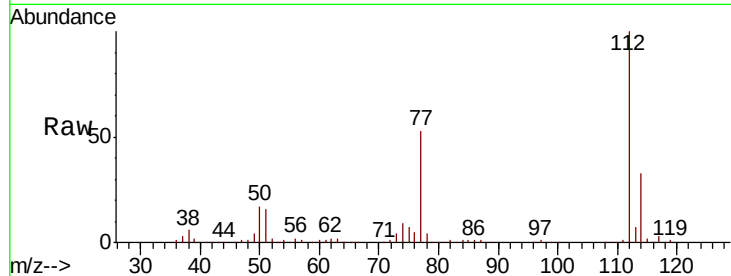




#65
Chlorobenzene
Concen: 18.734 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX010926.D
Acq: 17 Jul 2019 11:26

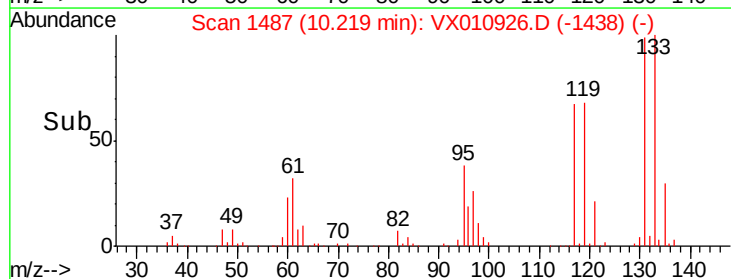
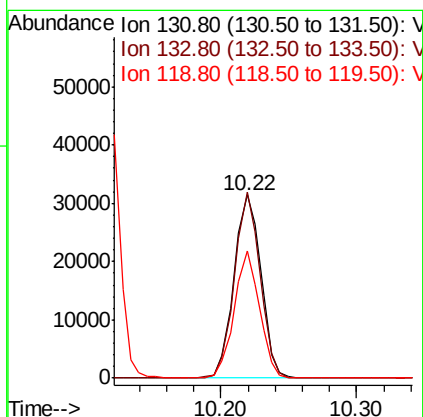
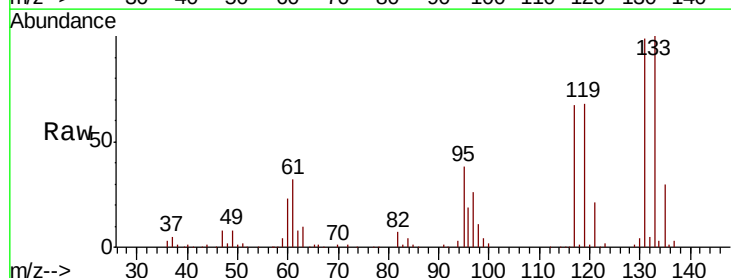
Instrument :
MSVOA_X
ClientSampled :
VX0717WBS01

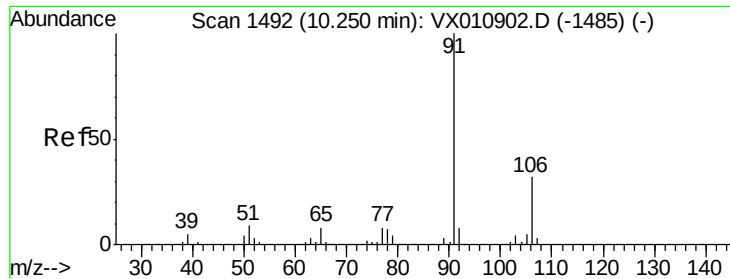
Tot Ion:112 Resp: 122288
Ion Ratio Lower Upper
112 100
114 32.6 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 18.951 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX010926.D
Acq: 17 Jul 2019 11:26

Tgt Ion:131 Resp: 43476
Ion Ratio Lower Upper
131 100
133 96.3 47.1 141.4
119 65.1 31.9 95.7





#67

Ethyl Benzene

Concen: 18.790 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX010926.D

Acq: 17 Jul 2019 11:26

Instrument :

MSVOA_X

ClientSampleId :

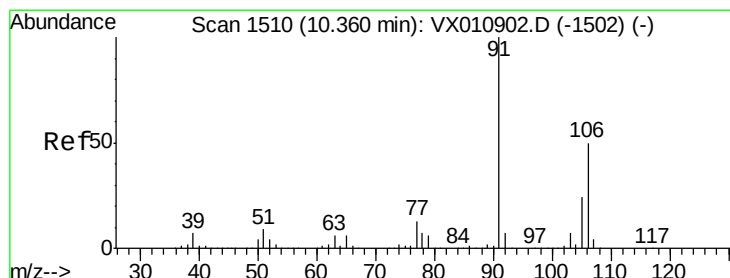
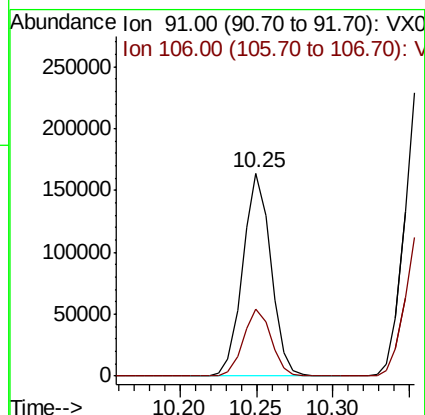
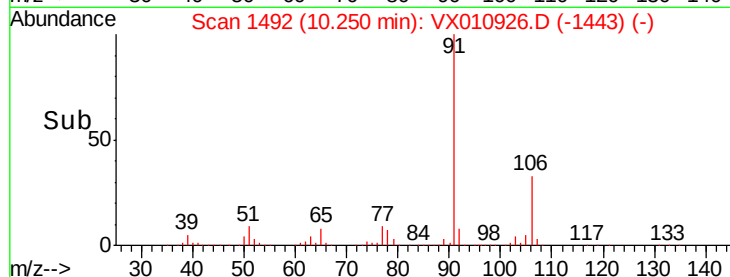
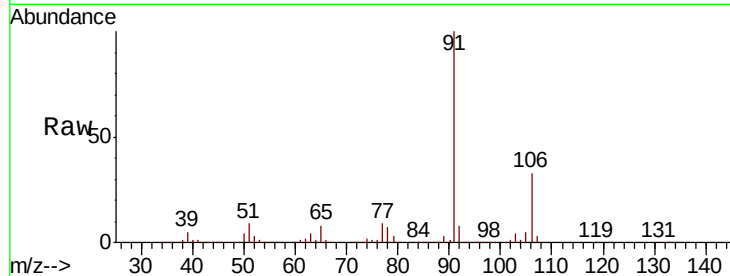
VX0717WBS01

Tot Ion: 91 Resp: 208774

Ion Ratio Lower Upper

91 100

106 32.8 25.4 38.2



#68

m/p-Xylenes

Concen: 38.062 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX010926.D

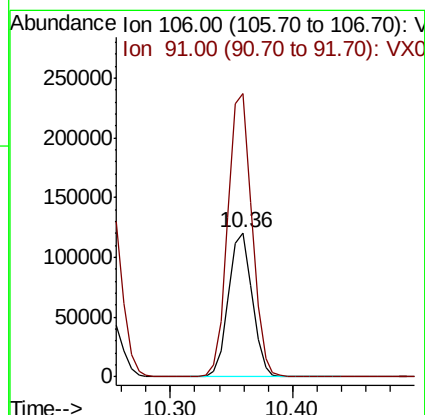
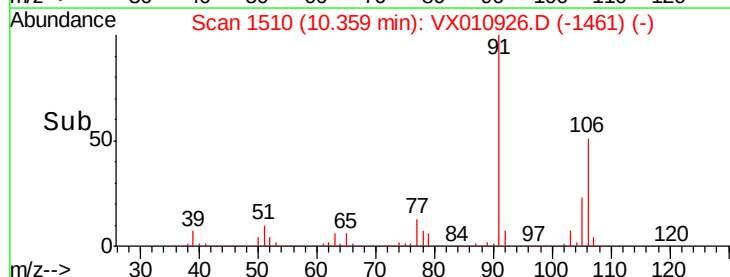
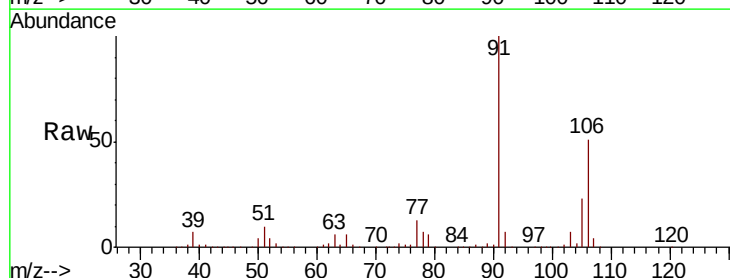
Acq: 17 Jul 2019 11:26

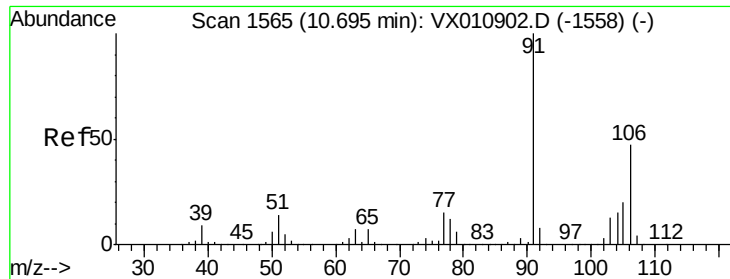
Tgt Ion: 106 Resp: 162220

Ion Ratio Lower Upper

106 100

91 199.1 160.1 240.1

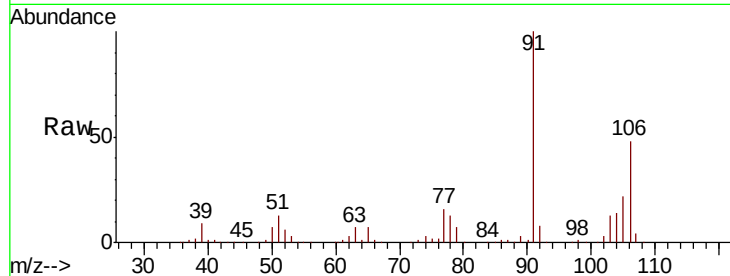




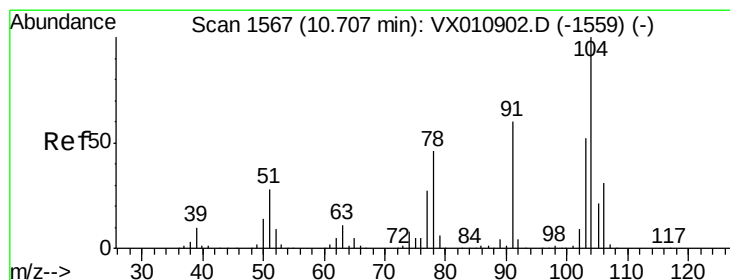
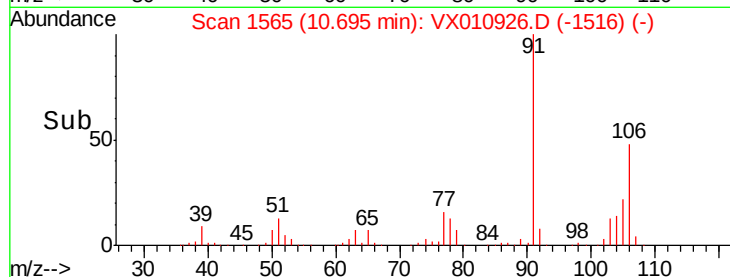
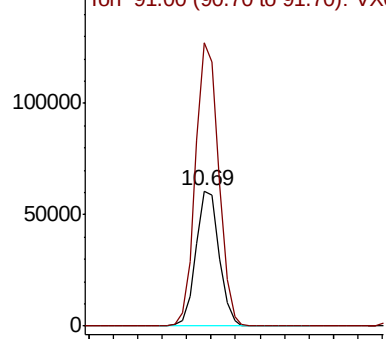
#69
o-Xylene
Concen: 19.098 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010926.D
Acq: 17 Jul 2019 11:26

Instrument :
MSVOA_X
ClientSampled :
VX0717WBS01

Tot Ion:106 Resp: 79436
Ion Ratio Lower Upper
106 100
91 210.2 105.1 315.3

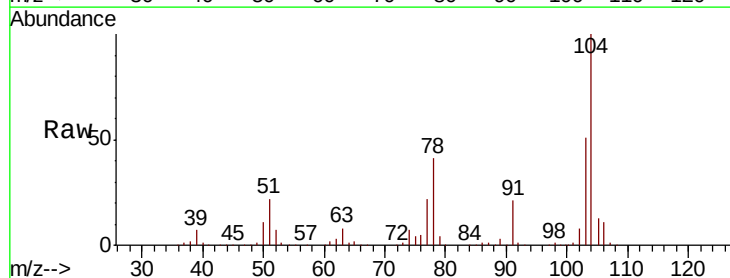


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

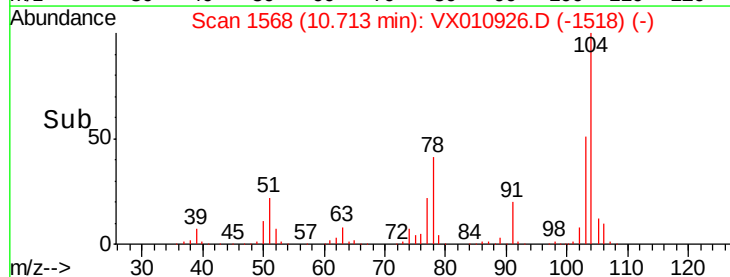
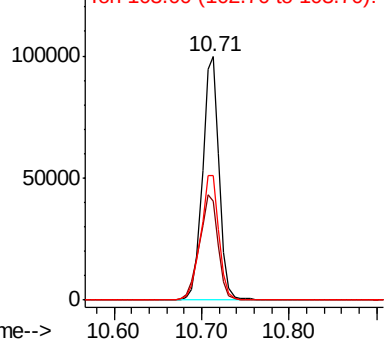


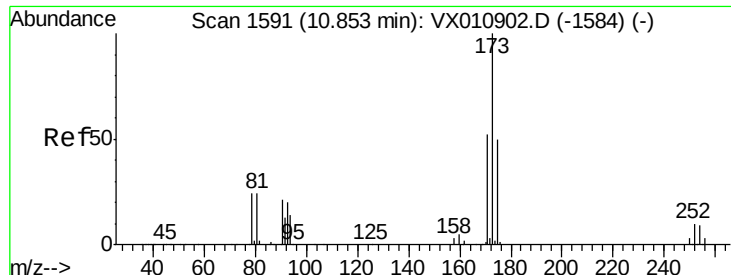
#70
Styrene
Concen: 18.971 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VX010926.D
Acq: 17 Jul 2019 11:26

Tgt Ion:104 Resp: 131541
Ion Ratio Lower Upper
104 100
78 48.8 38.8 58.2
103 56.7 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: 17.431 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010926.D

Acq: 17 Jul 2019 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX0717WBS01

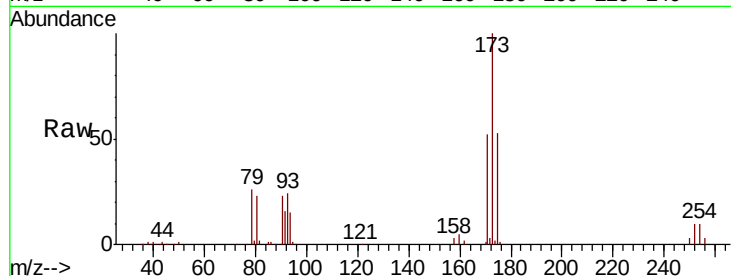
Tot Ion:173 Resp: 32756

Ion Ratio Lower Upper

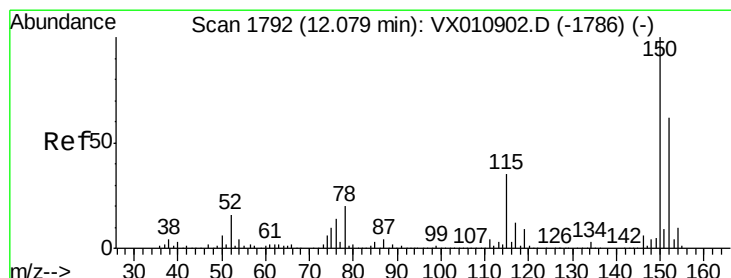
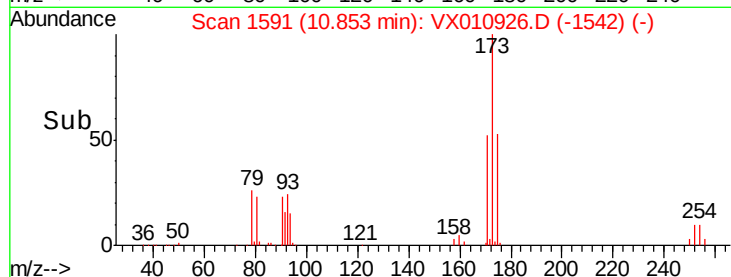
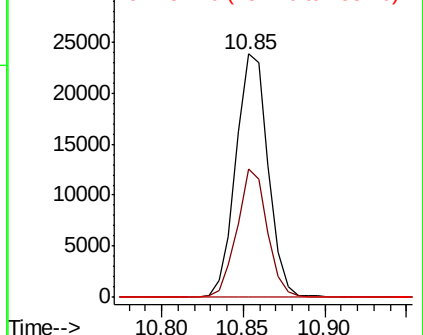
173 100

175 49.7 24.6 73.6

254 0.0 0.1 0.1#



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: VX010926.D

Acq: 17 Jul 2019 11:26

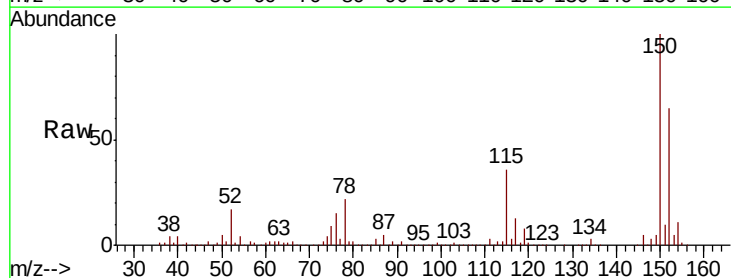
Tgt Ion:152 Resp: 162396

Ion Ratio Lower Upper

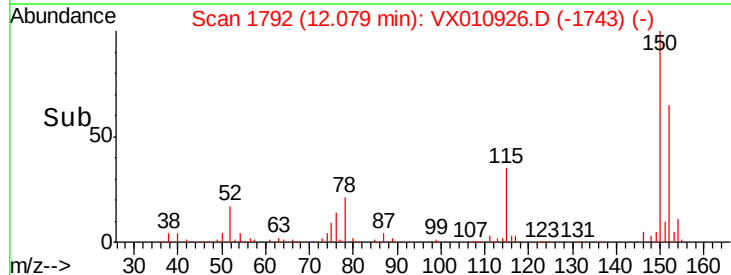
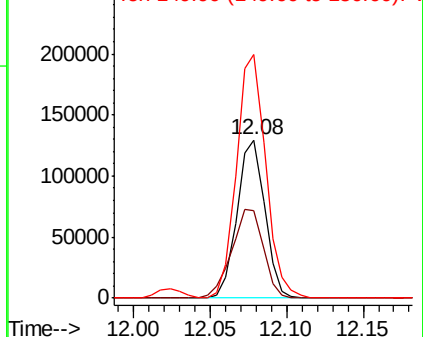
152 100

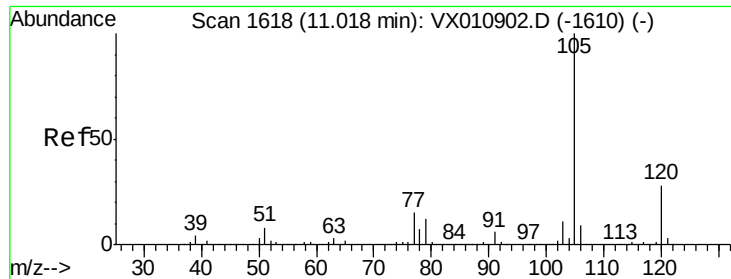
115 64.5 39.7 119.1

150 162.7 0.0 345.6



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: 19.247 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010926.D

Acq: 17 Jul 2019 11:26

Instrument :

MSVOA_X

ClientSampleId :

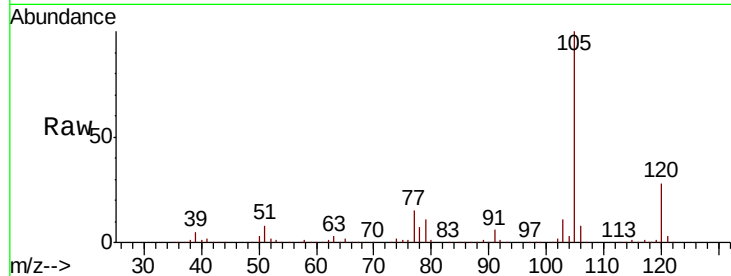
VX0717WBS01

Tot Ion:105 Resp: 211200

Ion Ratio Lower Upper

105 100

120 27.7 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

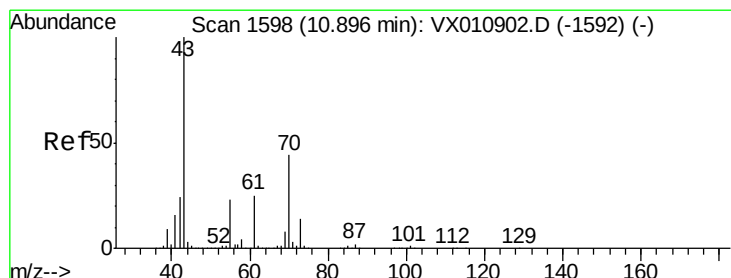
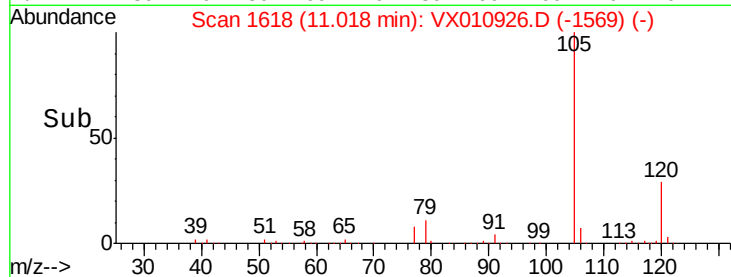
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 18.902 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010926.D

Acq: 17 Jul 2019 11:26

Tgt Ion: 43 Resp: 79251

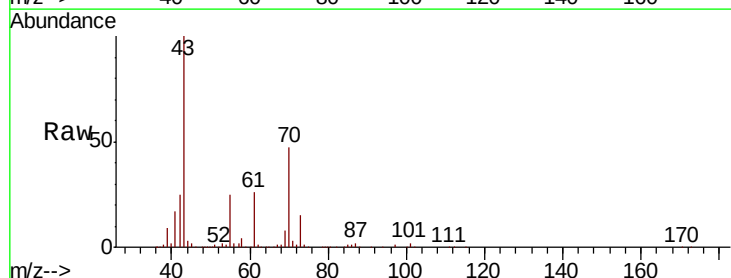
Ion Ratio Lower Upper

43 100

70 44.7 34.7 52.1

55 24.7 19.1 28.7

61 25.4 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

100000

80000

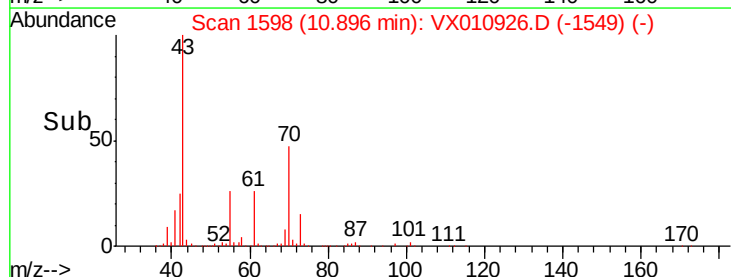
60000

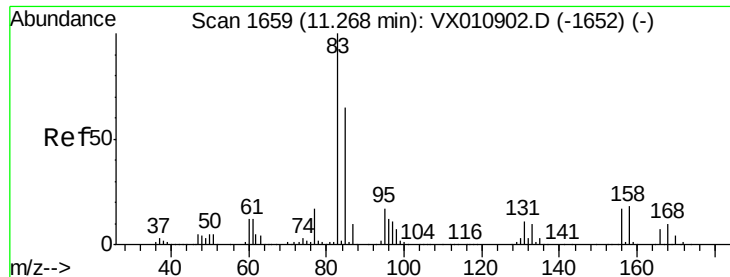
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.266 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX010926.D

Acq: 17 Jul 2019 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX0717WBS01

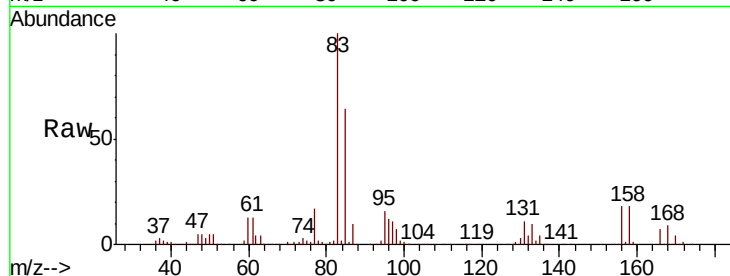
Tot Ion: 83 Resp: 69184

Ion Ratio Lower Upper

83 100

131 11.1 5.5 16.4

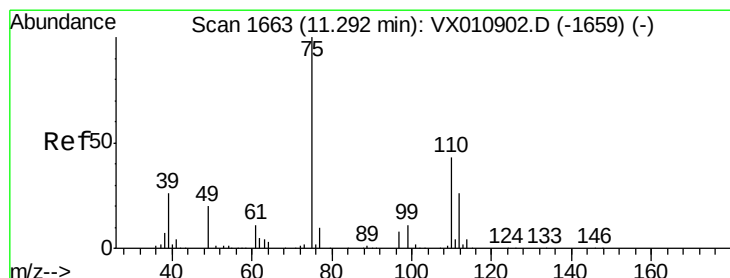
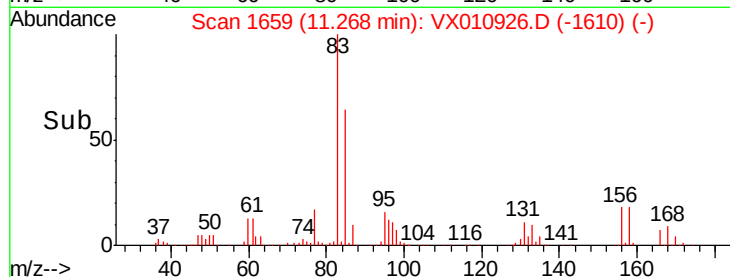
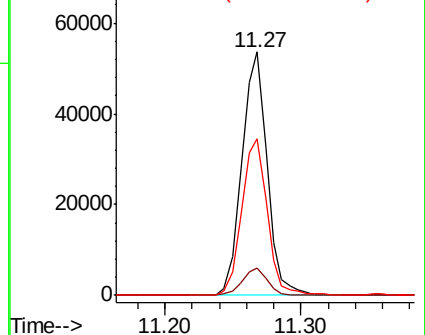
85 65.2 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 25.289 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX010926.D

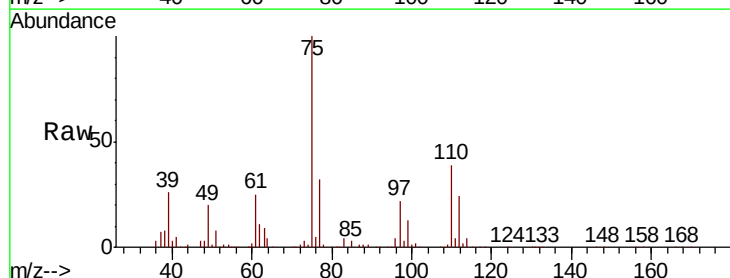
Acq: 17 Jul 2019 11:26

Tgt Ion: 75 Resp: 74111

Ion Ratio Lower Upper

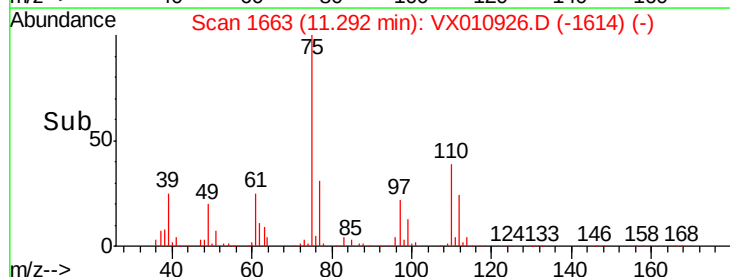
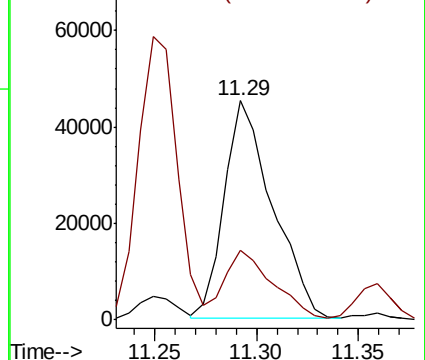
75 100

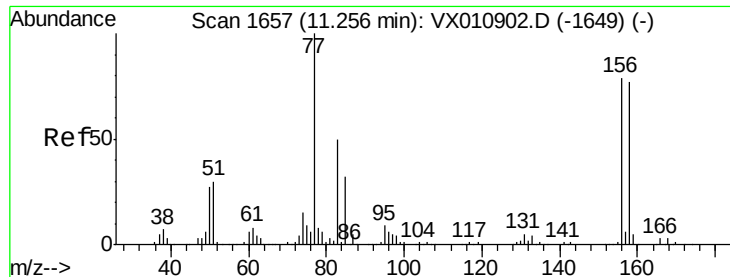
77 32.4 21.3 64.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.880 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX010926.D

Acq: 17 Jul 2019 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX0717WBS01

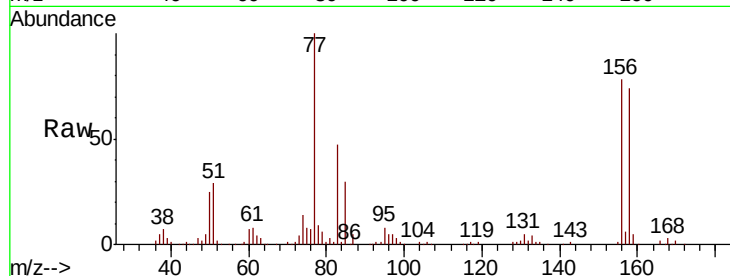
Tot Ion:156 Resp: 57146

Ion Ratio Lower Upper

156 100

77 136.5 68.7 206.1

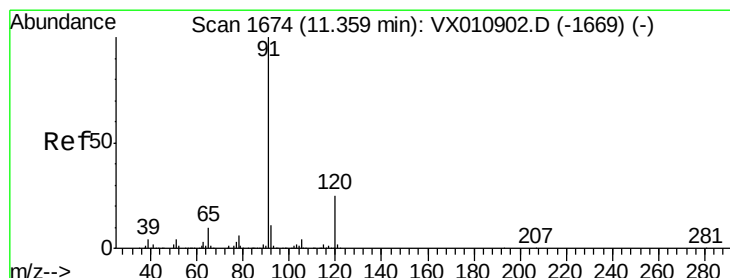
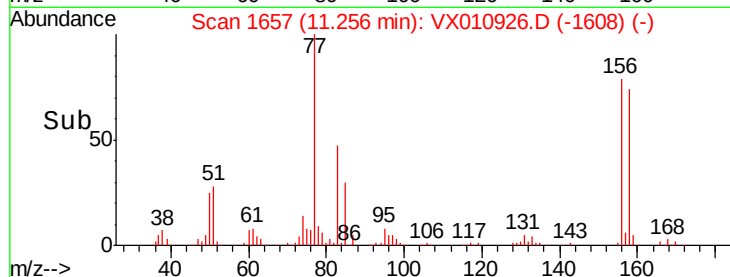
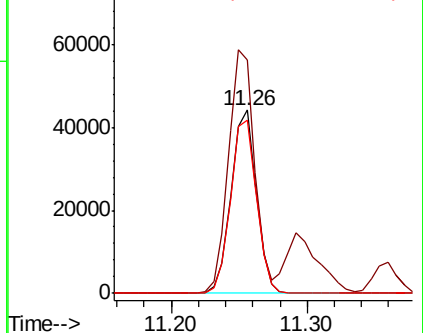
158 97.2 47.9 143.7



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: 19.385 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010926.D

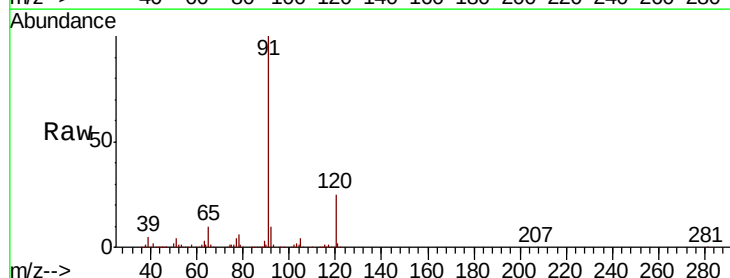
Acq: 17 Jul 2019 11:26

Tgt Ion: 91 Resp: 235028

Ion Ratio Lower Upper

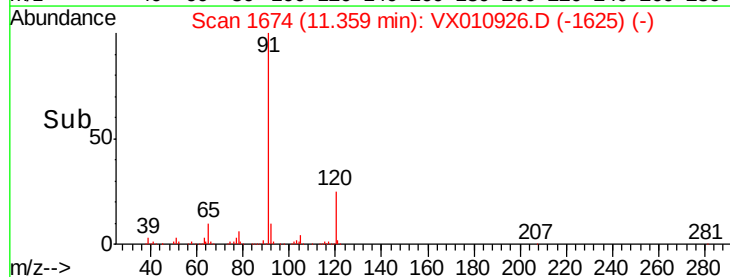
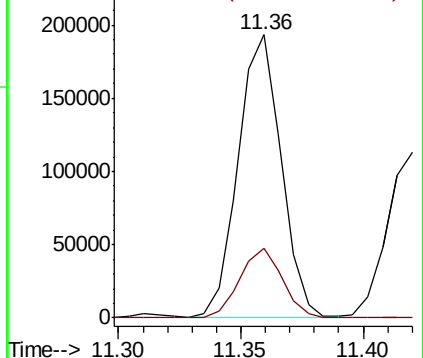
91 100

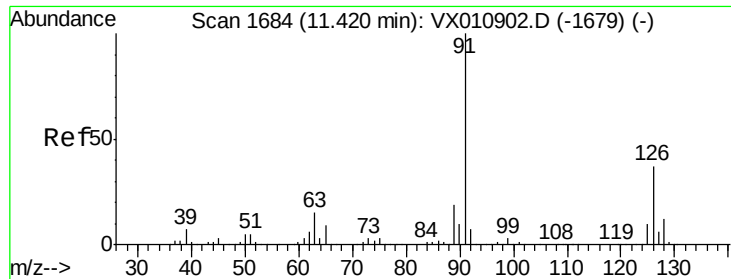
120 24.5 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.208 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX010926.D

Acq: 17 Jul 2019 11:26

Instrument :

MSVOA_X

ClientSampleId :

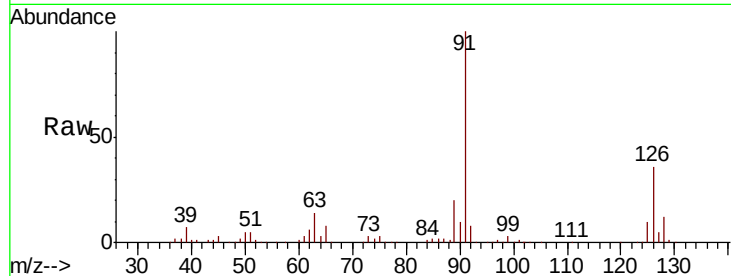
VX0717WBS01

Tot Ion: 91 Resp: 139896

Ion Ratio Lower Upper

91 100

126 36.0 18.0 54.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

200000

150000

100000

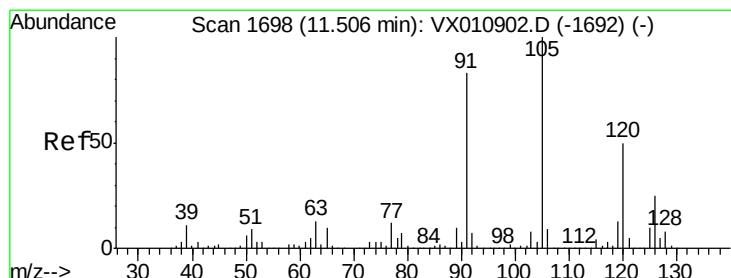
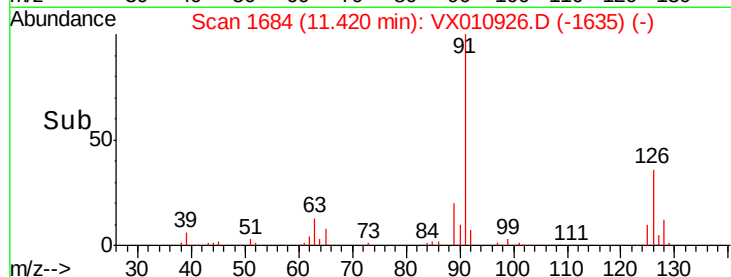
50000

0

11.42

11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 19.107 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010926.D

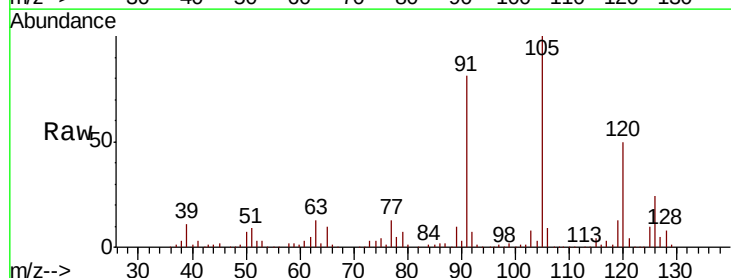
Acq: 17 Jul 2019 11:26

Tgt Ion:105 Resp: 175198

Ion Ratio Lower Upper

105 100

120 50.2 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

150000

100000

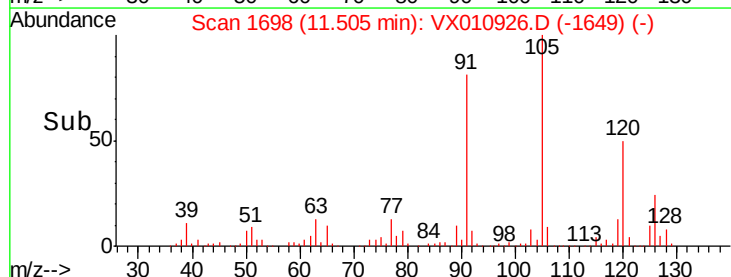
50000

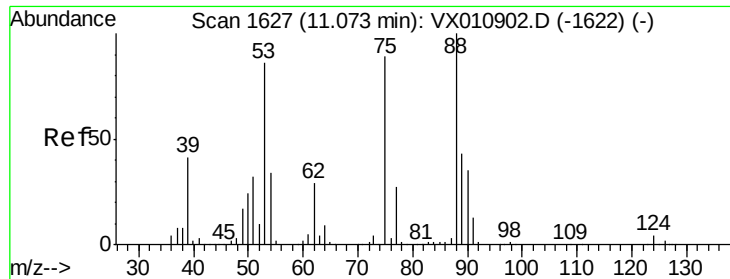
0

11.51

11.55

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 18.536 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX010926.D

Acq: 17 Jul 2019 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX0717WBS01

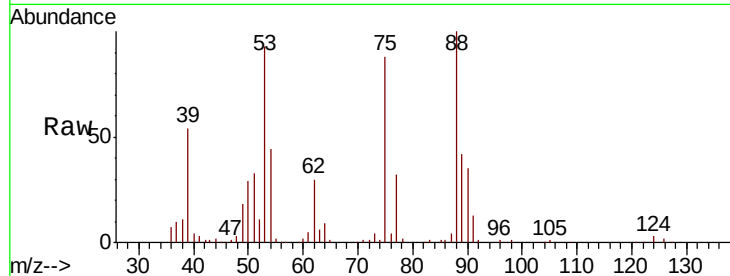
Tot Ion: 75 Resp: 18293

Ion Ratio Lower Upper

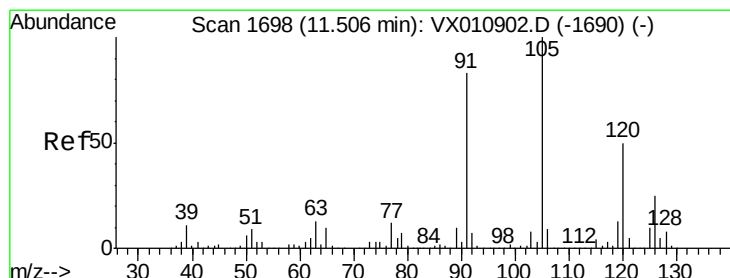
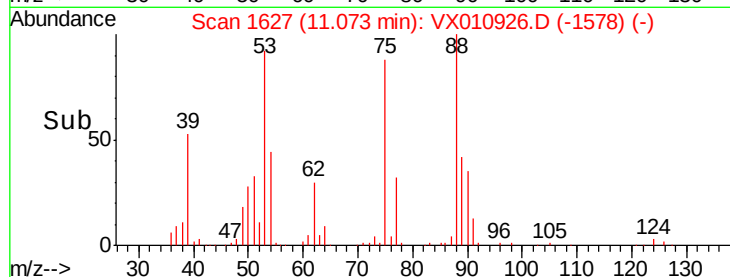
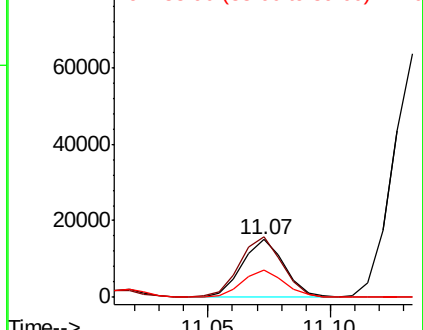
75 100

53 104.2 76.7 115.1

89 46.7 38.5 57.7



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



#82

4-Chlorotoluene

Concen: 18.989 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010926.D

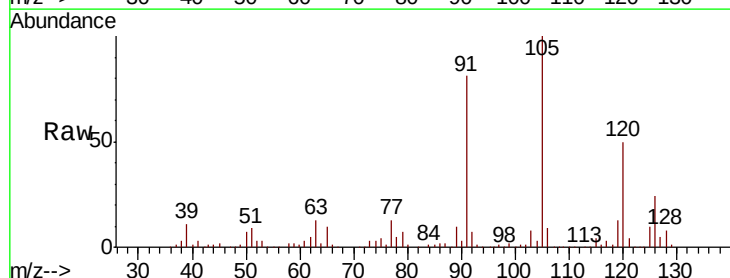
Acq: 17 Jul 2019 11:26

Tgt Ion: 91 Resp: 160974

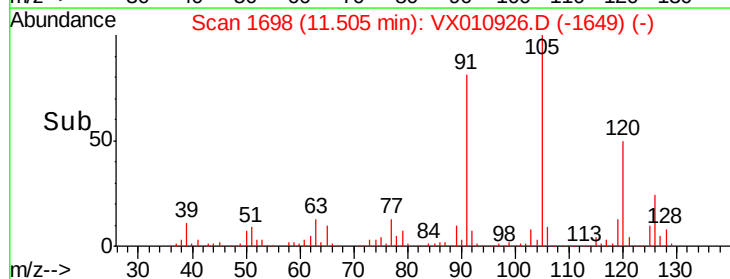
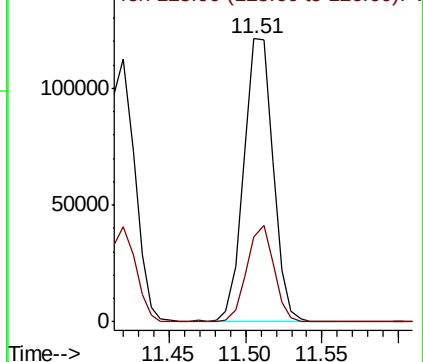
Ion Ratio Lower Upper

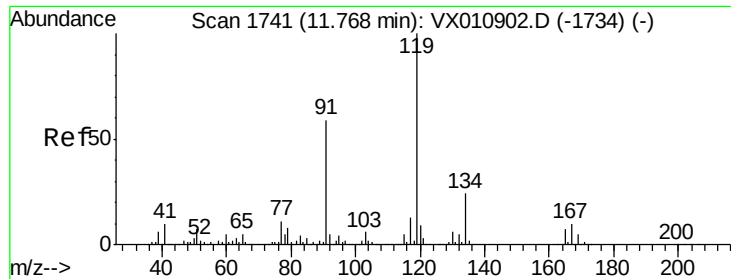
91 100

126 31.9 15.9 47.7



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

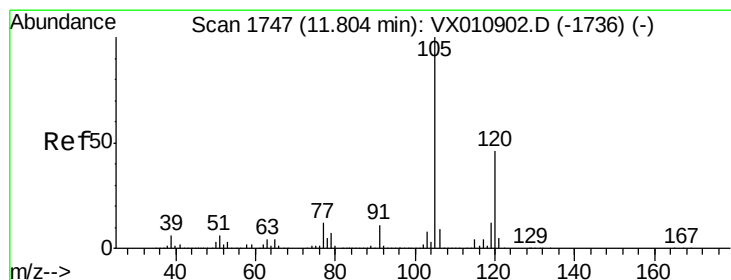
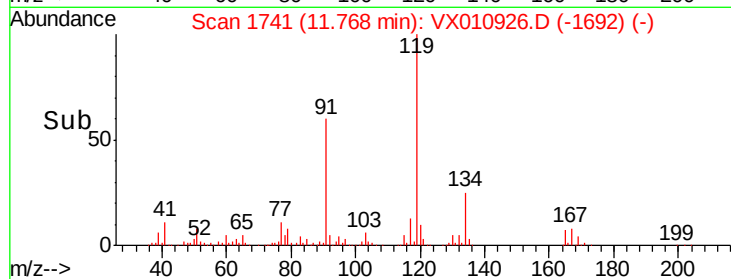
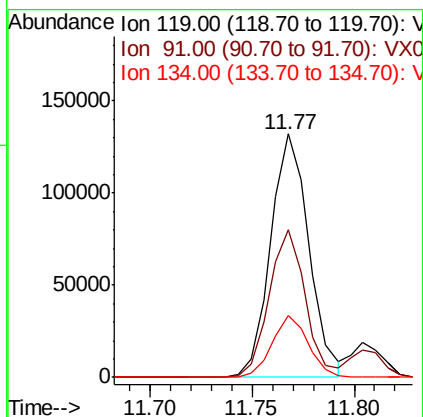
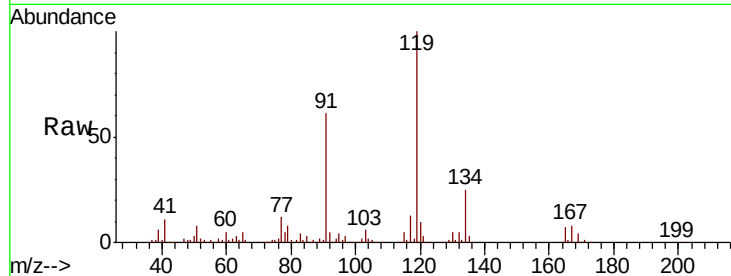




#83
 tert-Butylbenzene
 Concen: 19.134 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX010926.D
 Acq: 17 Jul 2019 11:26

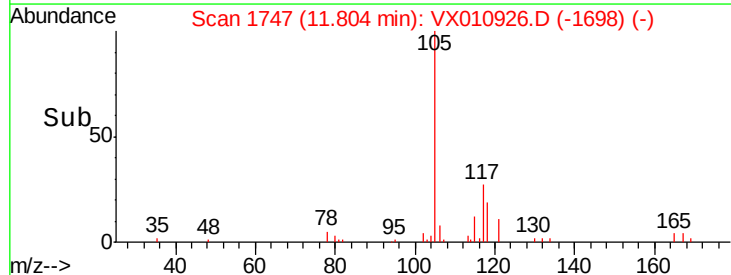
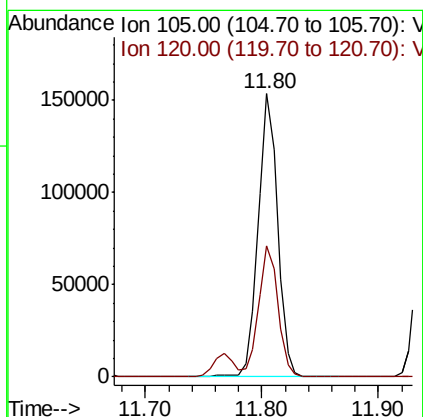
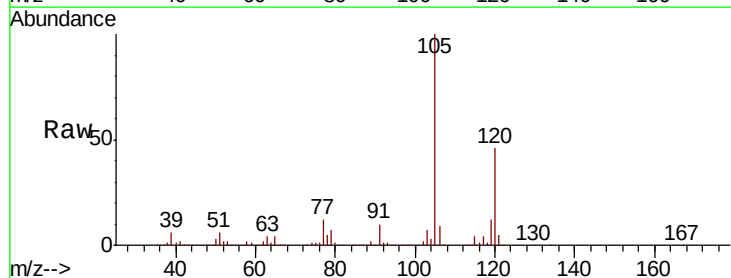
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0717WBS01

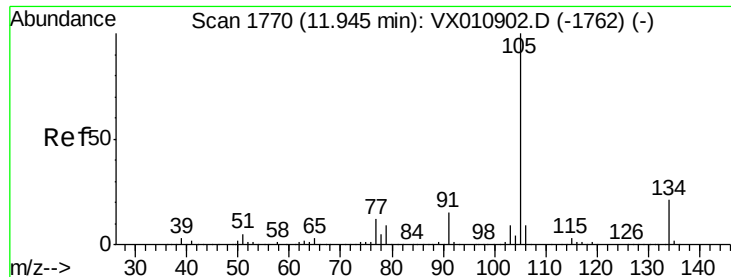
Tot Ion:119 Resp: 172329
 Ion Ratio Lower Upper
 119 100
 91 57.9 28.6 85.8
 134 24.0 11.6 34.8



#84
 1,2,4-Trimethylbenzene
 Concen: 19.550 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX010926.D
 Acq: 17 Jul 2019 11:26

Tgt Ion:105 Resp: 180676
 Ion Ratio Lower Upper
 105 100
 120 46.4 22.9 68.5





#85

sec-Butylbenzene

Concen: 19.590 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010926.D

Acq: 17 Jul 2019 11:26

Instrument :

MSVOA_X

ClientSampleId :

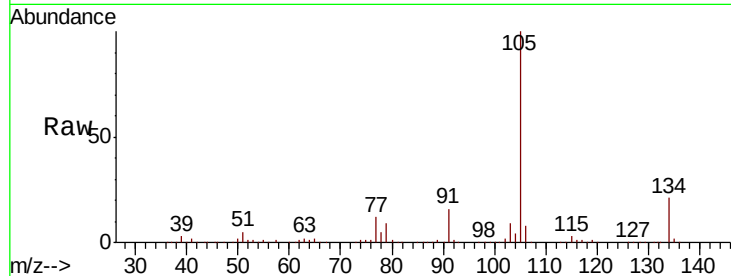
VX0717WBS01

Tot Ion:105 Resp: 206735

Ion Ratio Lower Upper

105 100

134 20.8 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

200000

150000

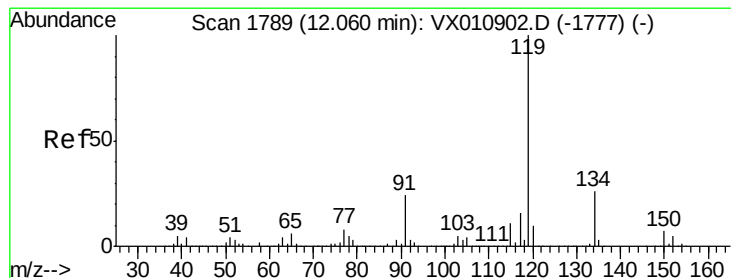
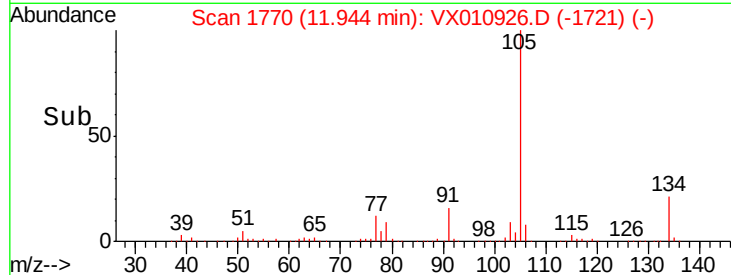
100000

50000

0

11.90 11.94 12.00

Time-->



#86

p-Isopropyltoluene

Concen: 19.461 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010926.D

Acq: 17 Jul 2019 11:26

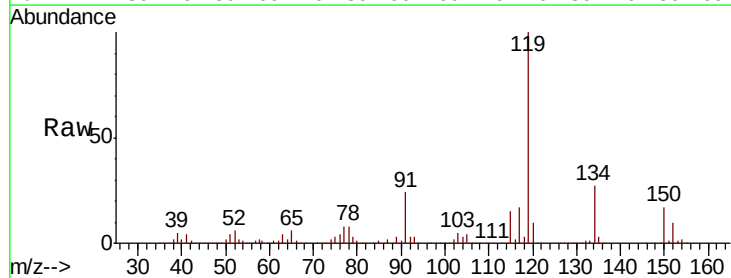
Tgt Ion:119 Resp: 189864

Ion Ratio Lower Upper

119 100

134 27.3 13.4 40.1

91 23.1 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

200000

150000

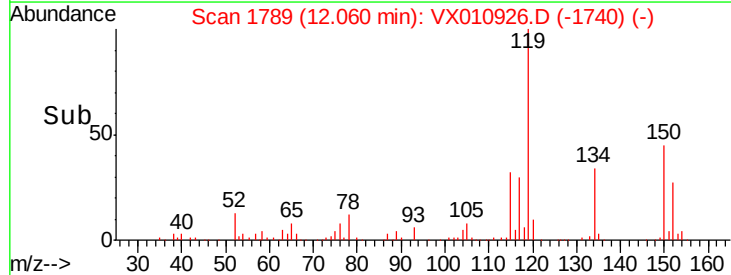
100000

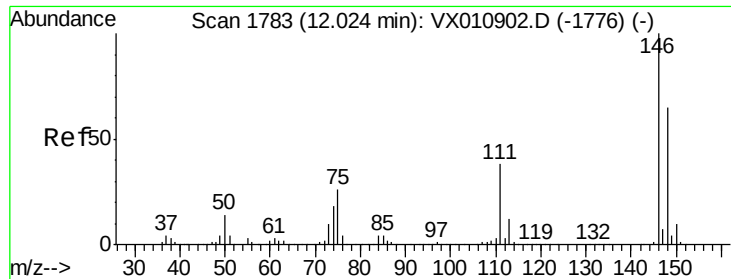
50000

0

12.00 12.06 12.10

Time-->

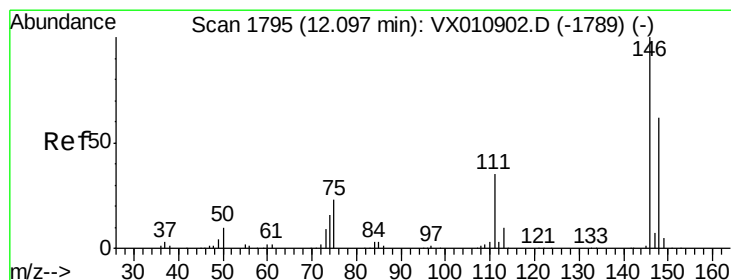
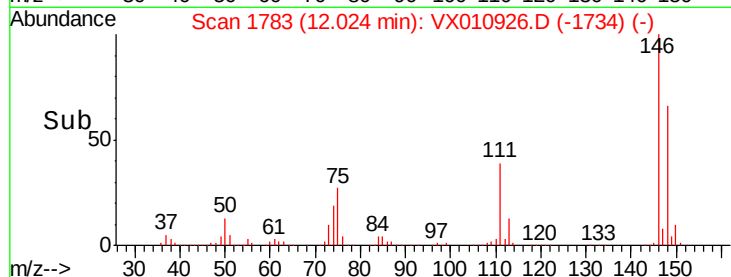
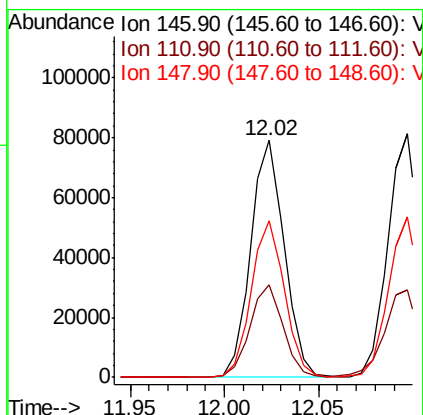
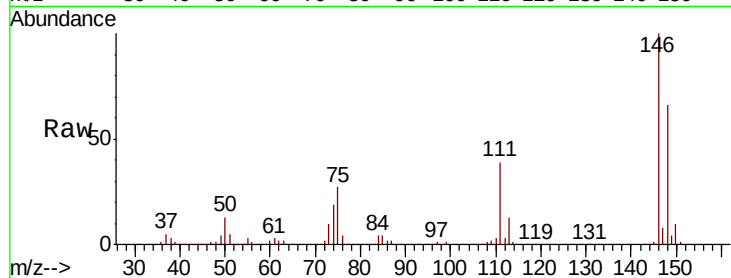




#87
 1,3-Dichlorobenzene
 Concen: 18.576 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX010926.D
 Acq: 17 Jul 2019 11:26

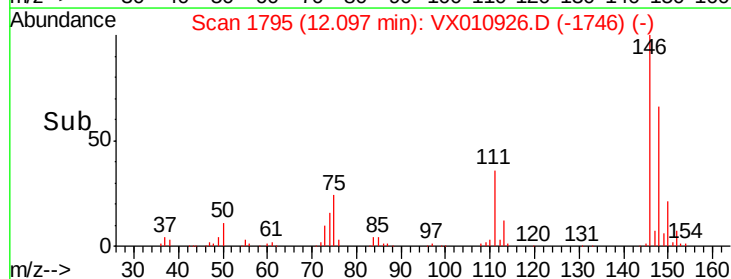
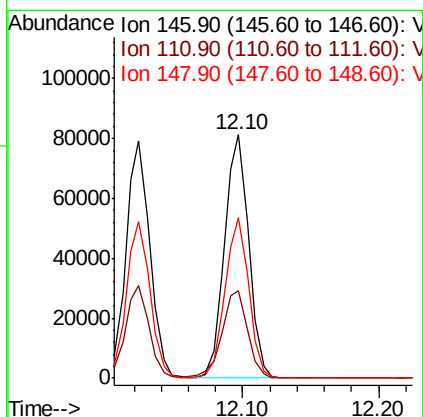
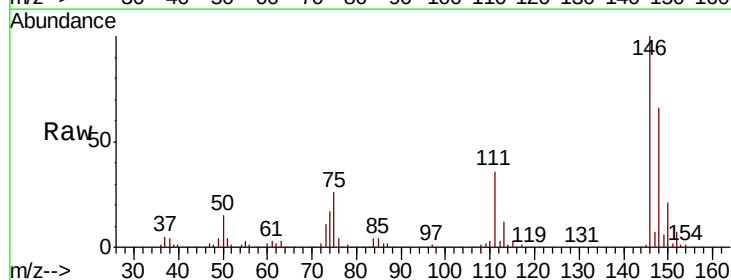
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0717WBS01

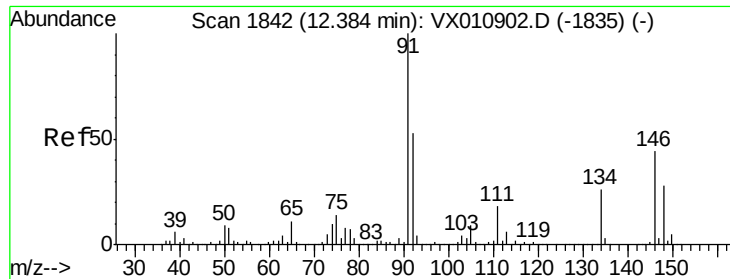
Tot Ion:146 Resp: 97572
 Ion Ratio Lower Upper
 146 100
 111 38.7 18.9 56.9
 148 65.1 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 18.568 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX010926.D
 Acq: 17 Jul 2019 11:26

Tgt Ion:146 Resp: 100027
 Ion Ratio Lower Upper
 146 100
 111 38.4 18.6 55.8
 148 64.6 31.6 94.7

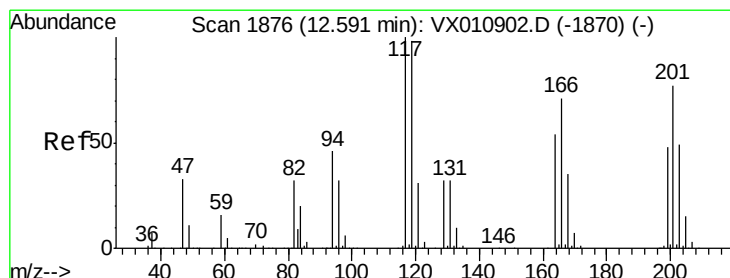
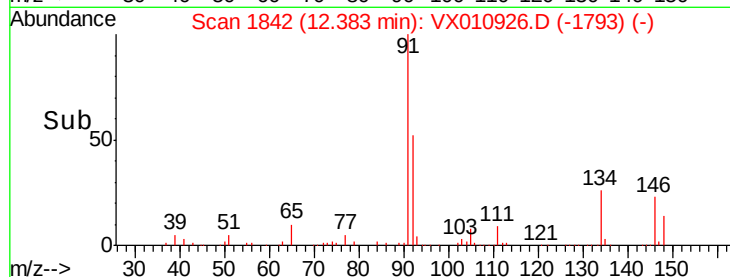
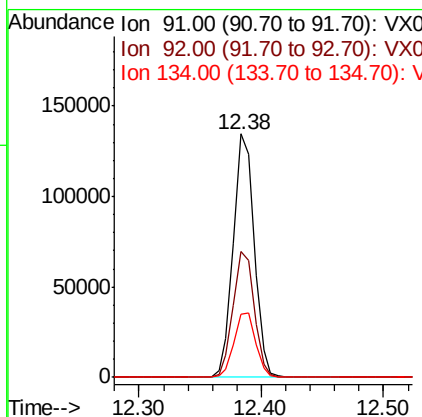
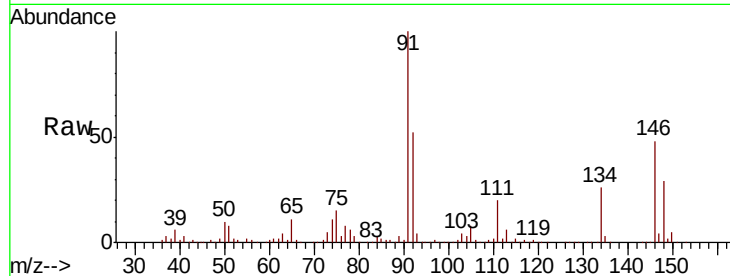




#89
n-Butylbenzene
Concen: 19.002 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX010926.D
Acq: 17 Jul 2019 11:26

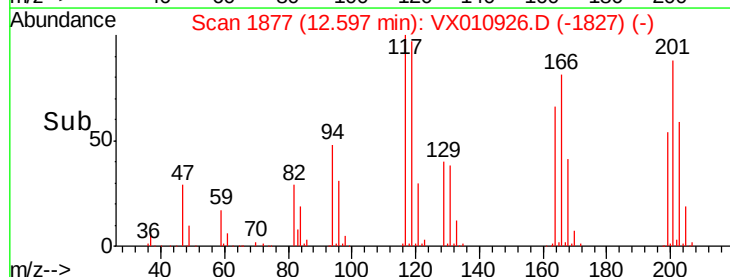
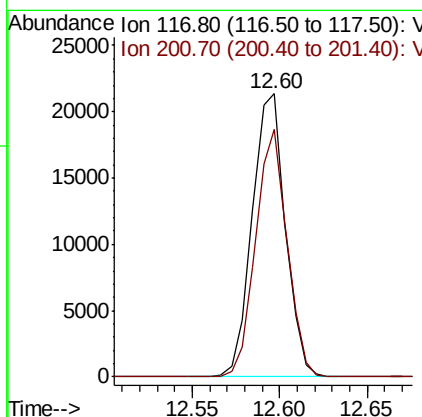
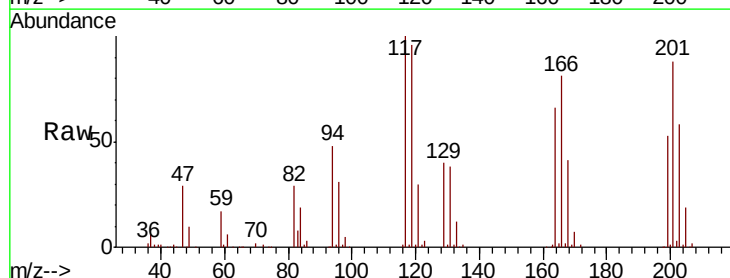
Instrument :
MSVOA_X
ClientSampleId :
VX0717WBS01

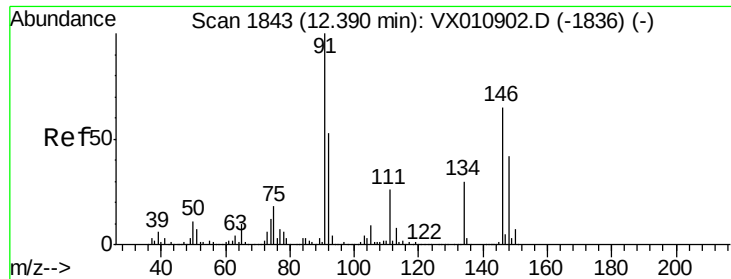
Tot Ion: 91 Resp: 158605
Ion Ratio Lower Upper
91 100
92 52.5 26.2 78.5
134 27.3 13.8 41.3



#90
Hexachloroethane
Concen: 18.337 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.01 min
Lab File: VX010926.D
Acq: 17 Jul 2019 11:26

Tgt Ion: 117 Resp: 28217
Ion Ratio Lower Upper
117 100
201 82.6 43.3 129.8

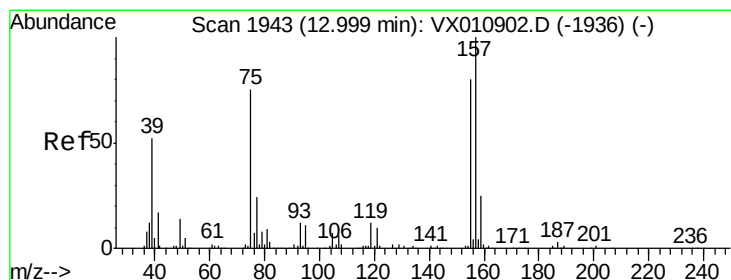
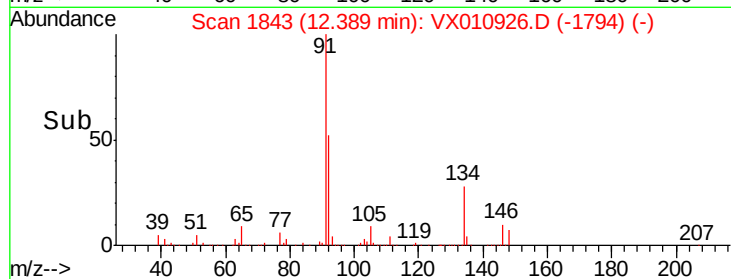
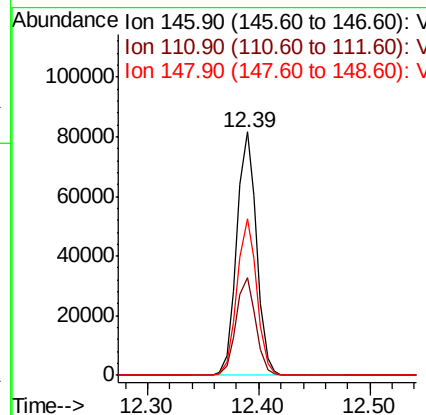
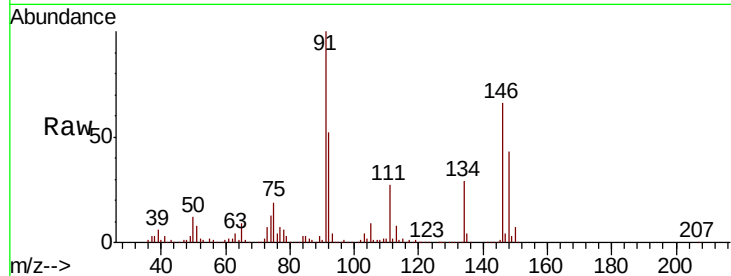




#91
 1,2-Dichlorobenzene
 Concen: 19.311 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX010926.D
 Acq: 17 Jul 2019 11:26

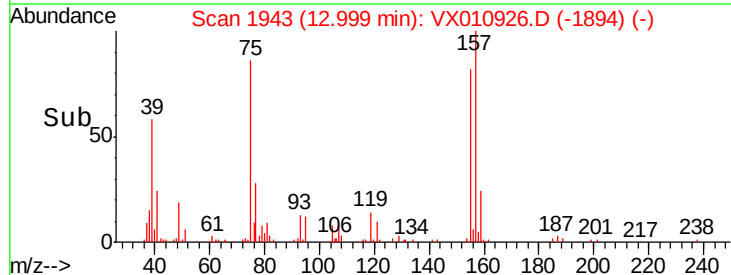
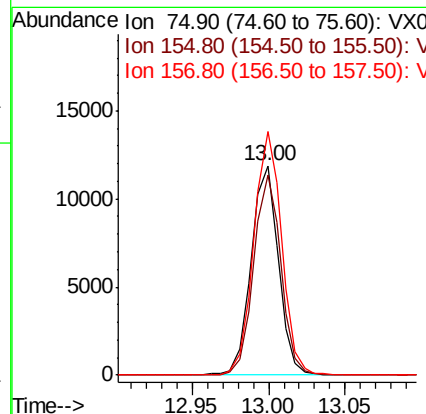
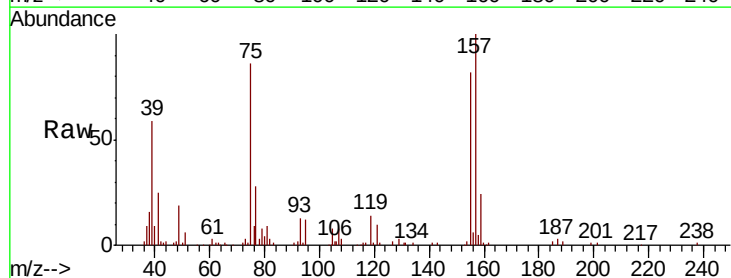
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0717WBS01

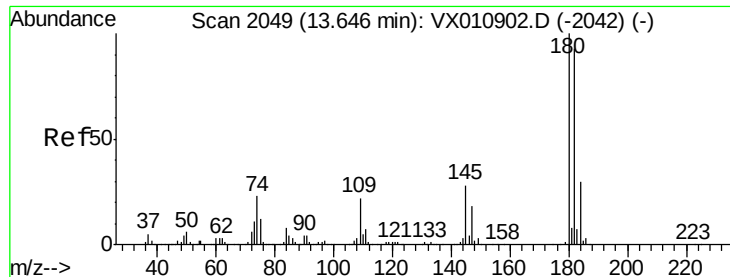
Tot Ion:146 Resp: 100527
 Ion Ratio Lower Upper
 146 100
 111 39.8 19.9 59.7
 148 64.1 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.526 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX010926.D
 Acq: 17 Jul 2019 11:26

Tgt Ion: 75 Resp: 14657
 Ion Ratio Lower Upper
 75 100
 155 95.6 48.7 146.1
 157 119.1 62.5 187.6

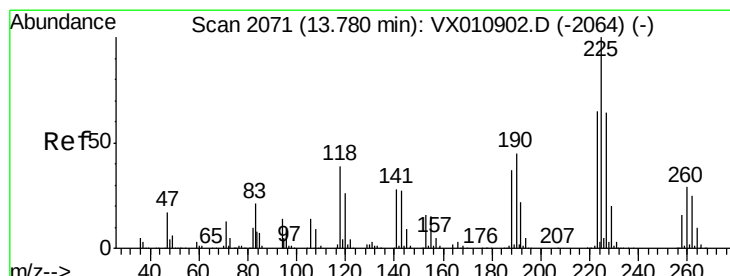
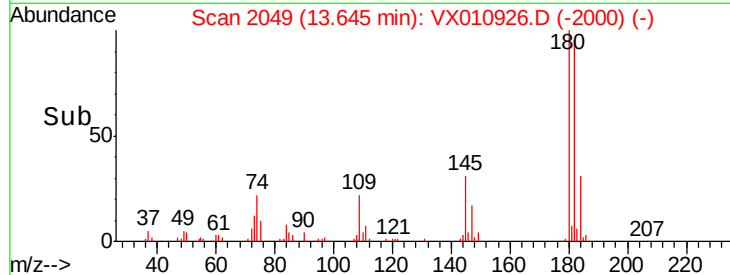
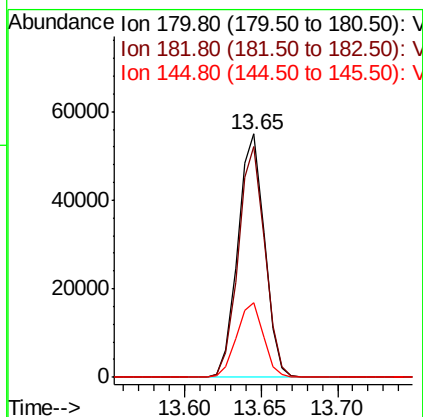
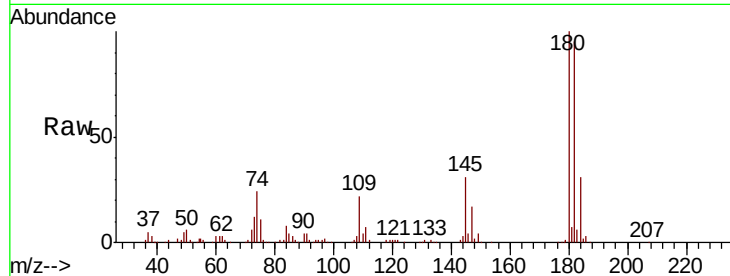




#93
 1,2,4-Trichlorobenzene
 Concen: 18.851 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX010926.D
 Acq: 17 Jul 2019 11:26

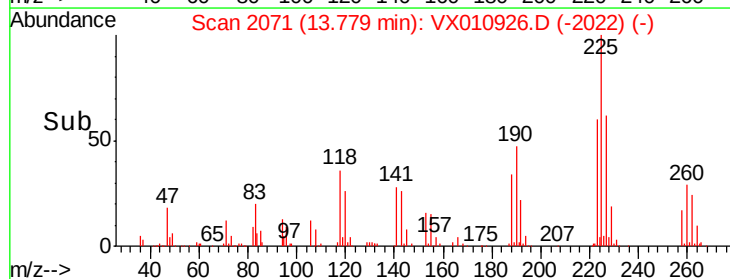
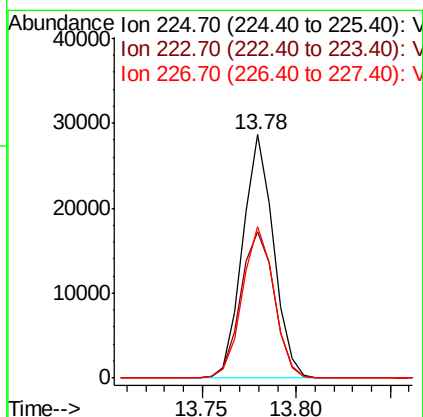
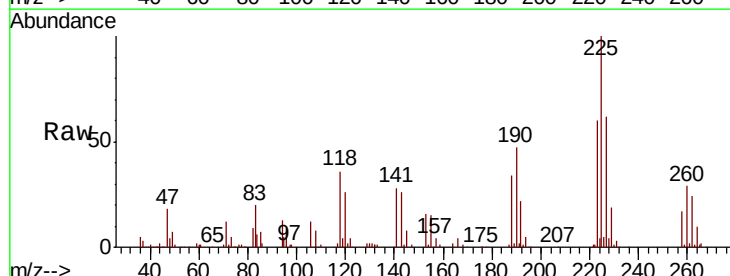
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0717WBS01

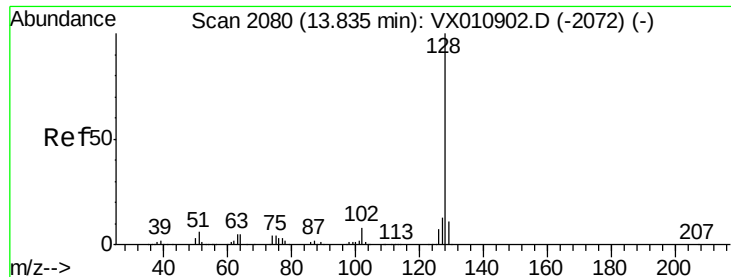
Tot Ion:180 Resp: 66507
 Ion Ratio Lower Upper
 180 100
 182 94.7 47.1 141.3
 145 30.7 14.8 44.4



#94
 Hexachlorobutadiene
 Concen: 18.669 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX010926.D
 Acq: 17 Jul 2019 11:26

Tgt Ion:225 Resp: 32640
 Ion Ratio Lower Upper
 225 100
 223 65.2 31.9 95.9
 227 64.0 32.5 97.4

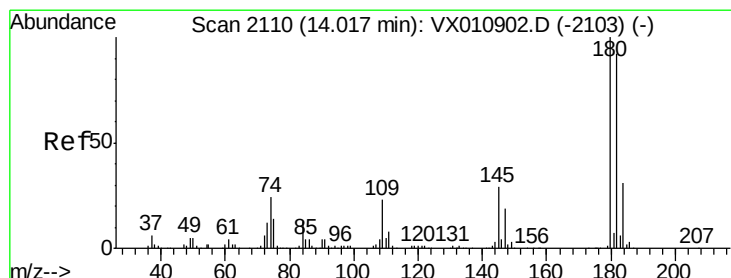
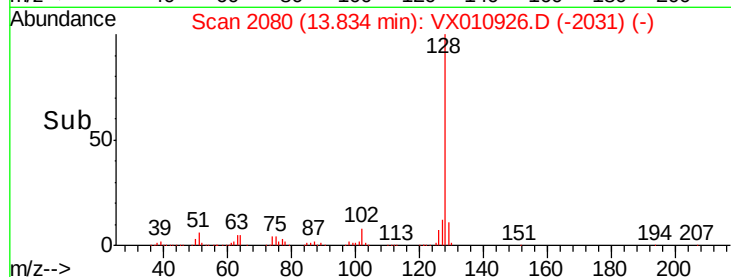
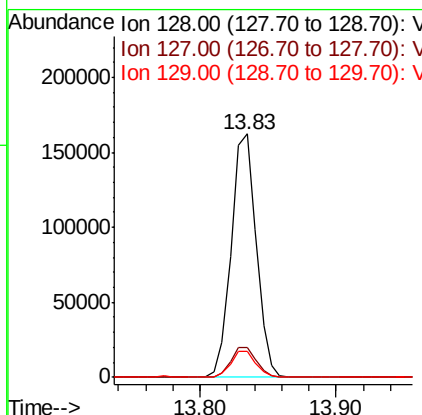
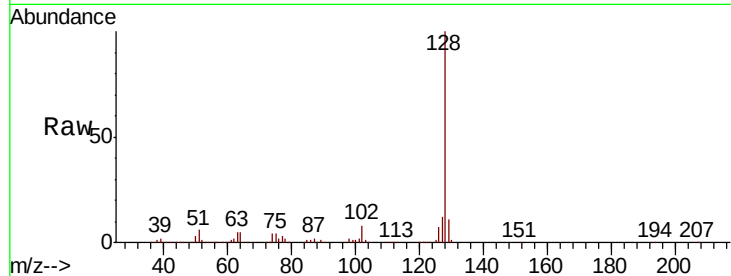




#95
Naphthalene
Concen: 19.951 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX010926.D
Acq: 17 Jul 2019 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX0717WBS01

Tot Ion:128 Resp: 207848
Ion Ratio Lower Upper
128 100
127 12.7 10.4 15.6
129 10.9 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 19.386 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX010926.D
Acq: 17 Jul 2019 11:26

Tgt Ion:180 Resp: 68051
Ion Ratio Lower Upper
180 100
182 95.8 47.4 142.3
145 30.6 15.1 45.3

