

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072919\
 Data File : VX011163.D
 Acq On : 29 Jul 2019 23:12
 Operator : JC/SP
 Sample : VX0729WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0729WBS02

Quant Time: Jul 30 05:11:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	184684	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	277781	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	255240	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	132964	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	103626	52.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.48%	
35) Dibromofluoromethane	5.50	113	92719	52.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.18%	
50) Toluene-d8	8.71	98	341517	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	
62) 4-Bromofluorobenzene	11.13	95	125191	51.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	33951	17.598	ug/l	98
3) Chloromethane	1.33	50	32036	18.863	ug/l	98
4) Vinyl Chloride	1.41	62	33389	19.274	ug/l	99
5) Bromomethane	1.64	94	21679	22.208	ug/l	99
6) Chloroethane	1.72	64	23438	21.291	ug/l	99
7) Trichlorofluoromethane	1.93	101	59869	20.417	ug/l	97
8) Diethyl Ether	2.19	74	20465	20.256	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	32661	19.507	ug/l	97
10) Methyl Iodide	2.51	142	26979	12.279	ug/l	100
11) Tert butyl alcohol	3.04	59	46977	102.665	ug/l	100
12) 1,1-Dichloroethene	2.37	96	32157	19.548	ug/l	95
13) Acrolein	2.29	56	16218	61.346	ug/l	99
14) Allyl chloride	2.73	41	46181	19.327	ug/l	98
15) Acrylonitrile	3.14	53	96849	104.745	ug/l	99
16) Acetone	2.45	43	80304	90.496	ug/l	98
17) Carbon Disulfide	2.57	76	65489	15.520	ug/l	99
18) Methyl Acetate	2.78	43	46920	23.221	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	106127	20.040	ug/l	98
20) Methylene Chloride	2.85	84	36703	19.517	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	32420	18.574	ug/l	98
22) Diisopropyl ether	3.85	45	103668	20.571	ug/l	100
23) Vinyl Acetate	3.82	43	421807	98.785	ug/l	100
24) 1,1-Dichloroethane	3.70	63	58311	19.924	ug/l	99
25) 2-Butanone	4.67	43	128950	101.231	ug/l	100
26) 2,2-Dichloropropane	4.59	77	37154	15.461	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	40368	19.983	ug/l	96
28) Bromochloromethane	5.02	49	25024	18.144	ug/l	96
29) Tetrahydrofuran	5.13	42	82149	101.810	ug/l	99
30) Chloroform	5.21	83	63842	20.181	ug/l	99
31) Cyclohexane	5.57	56	48507	18.183	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	53539	19.562	ug/l	99
36) 1,1-Dichloropropene	5.80	75	44239	19.388	ug/l	99
37) Ethyl Acetate	4.83	43	47691	20.412	ug/l	98
38) Carbon Tetrachloride	5.79	117	46522	19.566	ug/l	98

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 Misc : 5.0mL/MSVOA X/WATER
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Instrument :
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 ClientSampleId :
 VX0729WBS02

Quant Time: Jul 30 05:11:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	52344	17.690	ug/l	98
40) Benzene	6.14	78	138200	19.773	ug/l	98
41) Methacrylonitrile	5.04	41	26300	19.829	ug/l	99
42) 1,2-Dichloroethane	6.19	62	49751	20.472	ug/l	100
43) Isopropyl Acetate	6.45	43	75291	19.598	ug/l	99
44) Trichloroethene	7.21	130	39270	18.981	ug/l	93
45) 1,2-Dichloropropane	7.51	63	35385	19.891	ug/l	97
46) Dibromomethane	7.66	93	25918	20.389	ug/l	98
47) Bromodichloromethane	7.90	83	44757	19.780	ug/l	97
48) Methyl methacrylate	7.77	41	36779	19.652	ug/l	98
49) 1,4-Dioxane	7.74	88	21589	412.391	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	260746	104.701	ug/l	99
52) Toluene	8.78	92	88885	19.358	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	44308	18.211	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	51188	18.907	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	38240	20.227	ug/l	98
56) Ethyl methacrylate	9.18	69	55085	19.919	ug/l	99
57) 1,3-Dichloropropane	9.37	76	61086	20.368	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	127326	96.452	ug/l	99
59) 2-Hexanone	9.49	43	203207	105.202	ug/l	99
60) Dibromochloromethane	9.58	129	38702	19.416	ug/l	99
61) 1,2-Dibromoethane	9.67	107	41133	20.501	ug/l	98
64) Tetrachloroethene	9.34	164	40004	19.923	ug/l	97
65) Chlorobenzene	10.13	112	101405	19.343	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	36925	20.041	ug/l	98
67) Ethyl Benzene	10.25	91	174010	19.501	ug/l	99
68) m/p-Xylenes	10.36	106	133678	39.054	ug/l	98
69) o-Xylene	10.69	106	64446	19.292	ug/l	99
70) Styrene	10.71	104	111351	19.996	ug/l	99
71) Bromoform	10.85	173	27274	17.978	ug/l #	100
73) Isopropylbenzene	11.02	105	177045	19.706	ug/l	100
74) N-amyl acetate	10.90	43	67203	19.576	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	61283	20.843	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	61618	25.681	ug/l	85
77) Bromobenzene	11.25	156	47887	19.323	ug/l	99
78) n-propylbenzene	11.36	91	193314	19.474	ug/l	99
79) 2-Chlorotoluene	11.42	91	116170	19.481	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	147098	19.594	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	13227	16.835	ug/l #	87
82) 4-Chlorotoluene	11.51	91	134835	19.427	ug/l	99
83) tert-Butylbenzene	11.77	119	146220	19.829	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	148556	19.633	ug/l	99
85) sec-Butylbenzene	11.94	105	171905	19.895	ug/l	99
86) p-Isopropyltoluene	12.06	119	157535	19.721	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	84425	19.630	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	84808	19.227	ug/l	97
89) n-Butylbenzene	12.38	91	130497	19.095	ug/l	98
90) Hexachloroethane	12.59	117	23080	18.318	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	85936	20.162	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	12350	20.095	ug/l	99

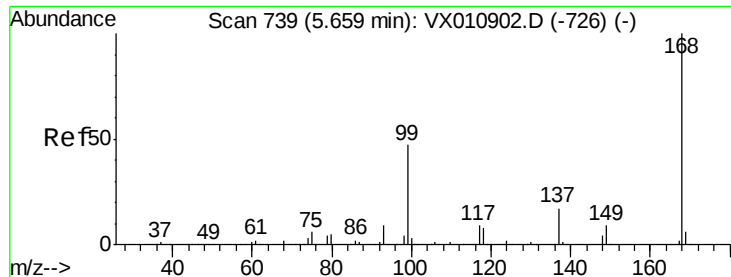
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072919\
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Quant Time: Jul 30 05:11:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 24 05:39:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	56672	19.619	ug/l	99
94) Hexachlorobutadiene	13.78	225	28114	19.640	ug/l	98
95) Naphthalene	13.83	128	176738	20.720	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	59477	20.694	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: VX011163.D

Acq: 29 Jul 2019 23:12

Instrument :

MSVOA_X

ClientSampleId :

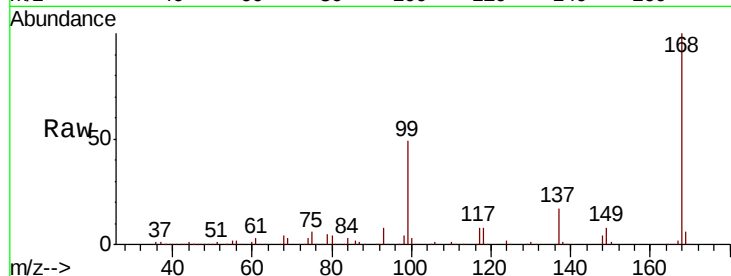
VX0729WBS02

Tot Ion:168 Resp: 184684

Ion Ratio Lower Upper

168 100

99 49.2 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

60000

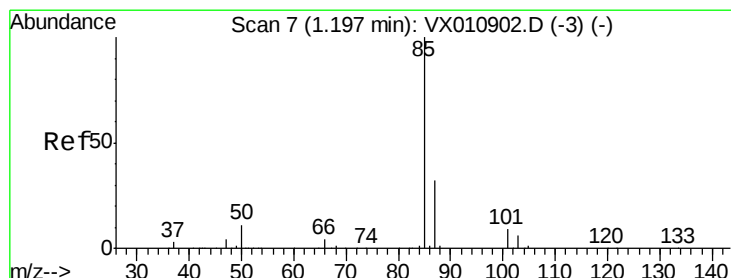
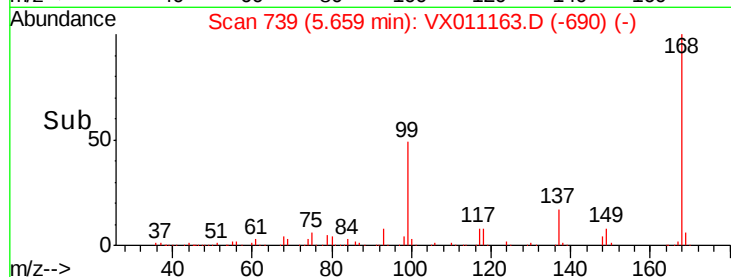
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 17.598 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX011163.D

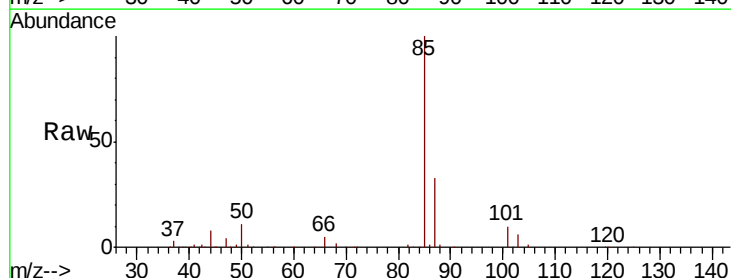
Acq: 29 Jul 2019 23:12

Tgt Ion: 85 Resp: 33951

Ion Ratio Lower Upper

85 100

87 33.1 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

40000

30000

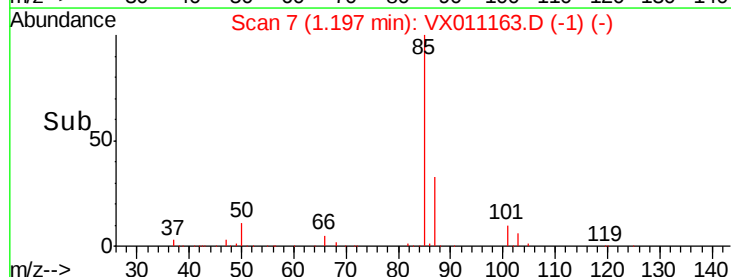
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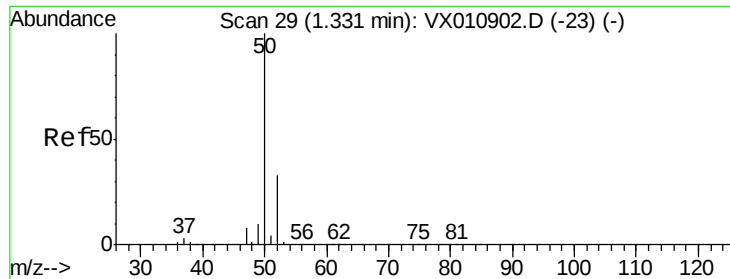
10000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 18.863 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX011163.D

Acq: 29 Jul 2019 23:12

Instrument :

MSVOA_X

ClientSampleId :

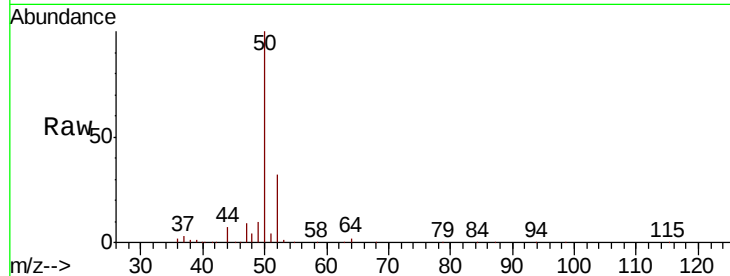
VX0729WBS02

Tot Ion: 50 Resp: 32036

Ion Ratio Lower Upper

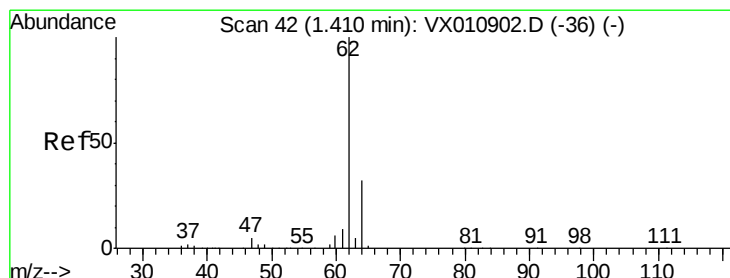
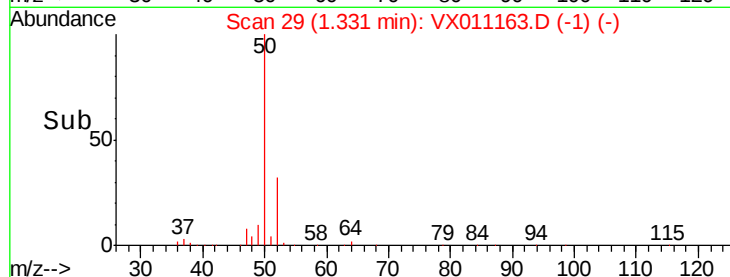
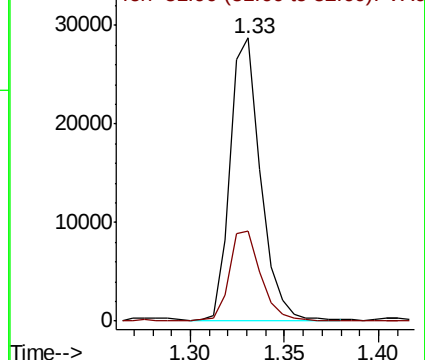
50 100

52 31.9 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: 19.274 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX011163.D

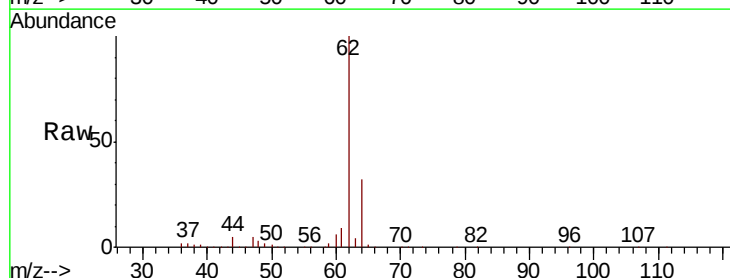
Acq: 29 Jul 2019 23:12

Tgt Ion: 62 Resp: 33389

Ion Ratio Lower Upper

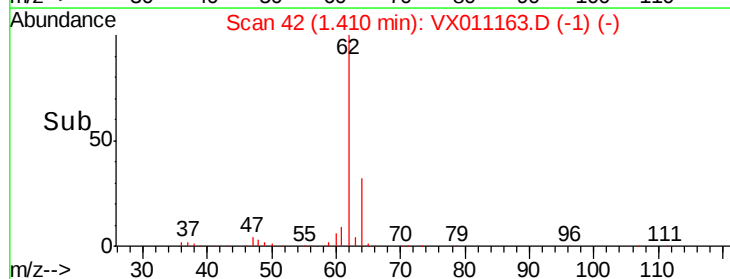
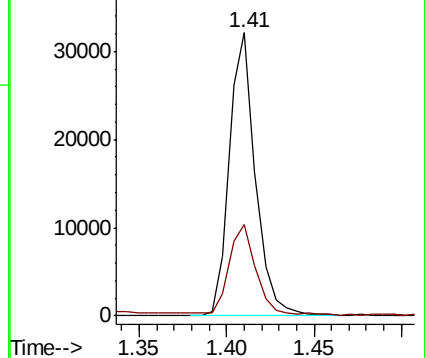
62 100

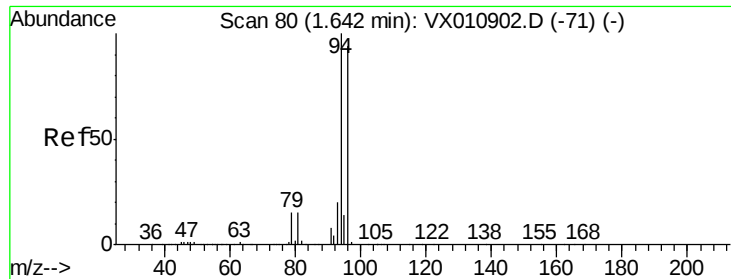
64 31.8 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 22.208 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX011163.D

Acq: 29 Jul 2019 23:12

Instrument :

MSVOA_X

ClientSampleId :

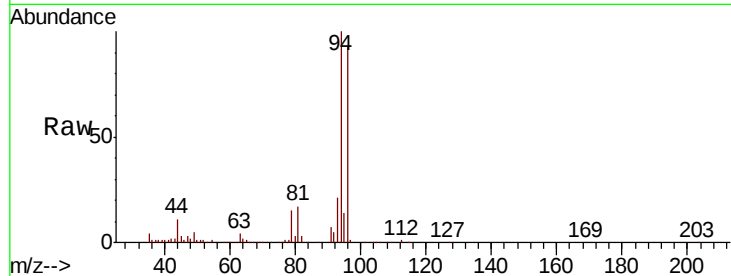
VX0729WBS02

Tot Ion: 94 Resp: 21679

Ion Ratio Lower Upper

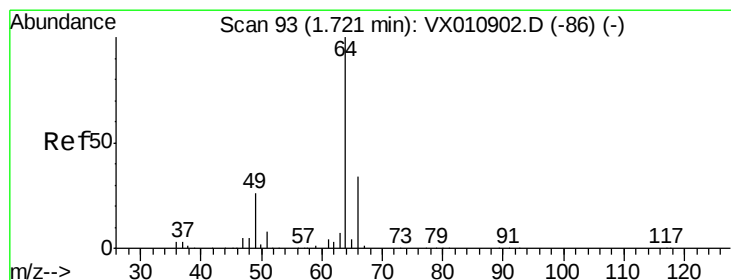
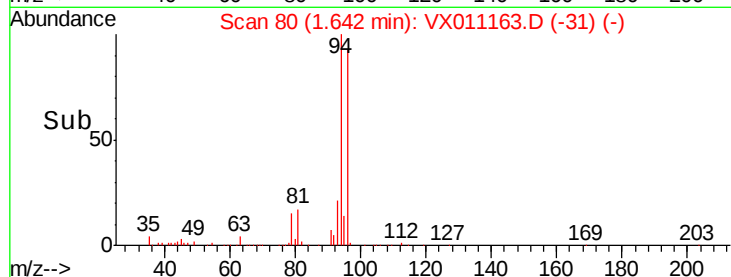
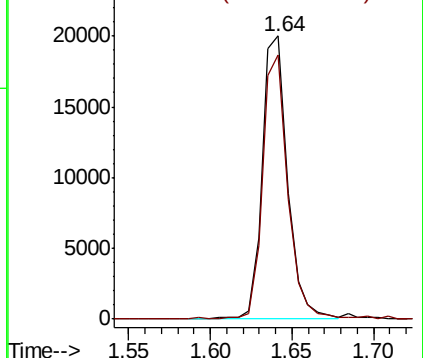
94 100

96 93.2 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: 21.291 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX011163.D

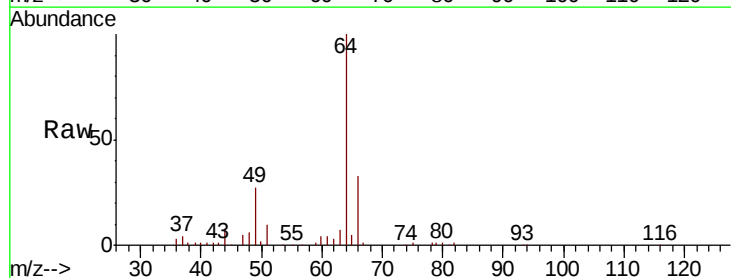
Acq: 29 Jul 2019 23:12

Tgt Ion: 64 Resp: 23438

Ion Ratio Lower Upper

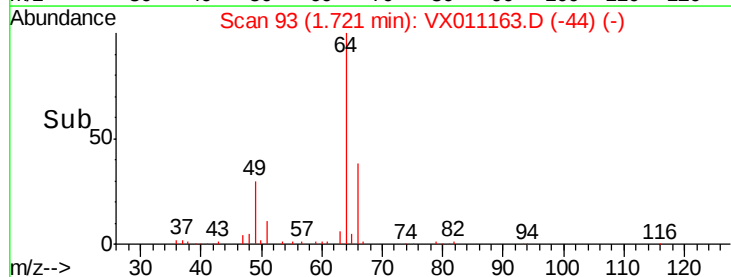
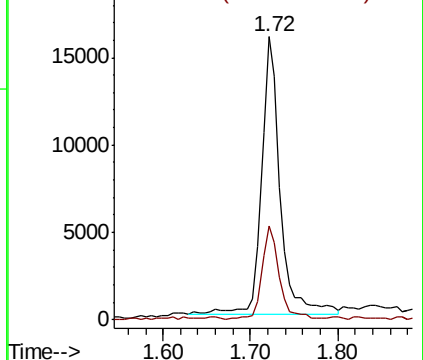
64 100

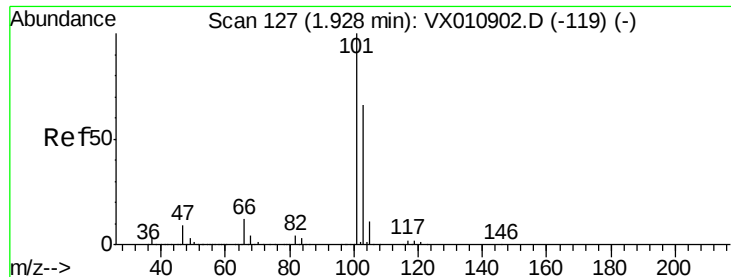
66 33.1 27.0 40.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



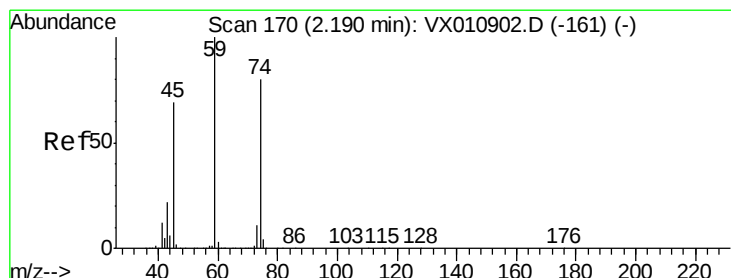
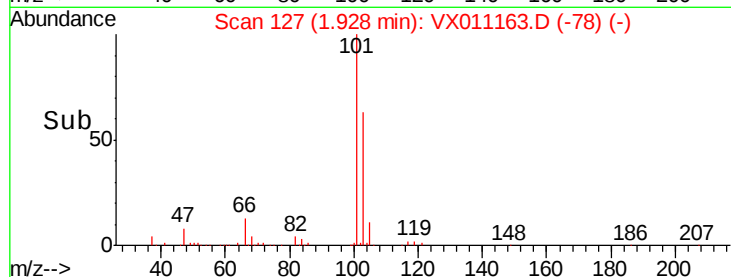
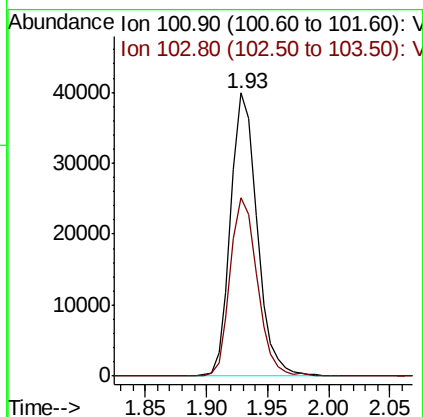
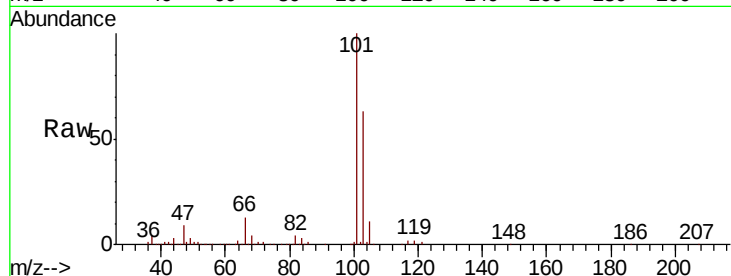


#7

Trichlorofluoromethane
Concen: 20.417 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX011163.D
Acq: 29 Jul 2019 23:12

Instrument :
MSVOA_X
ClientSampleId :
VX0729WBS02

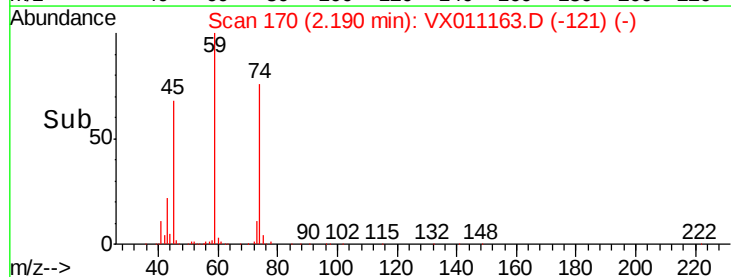
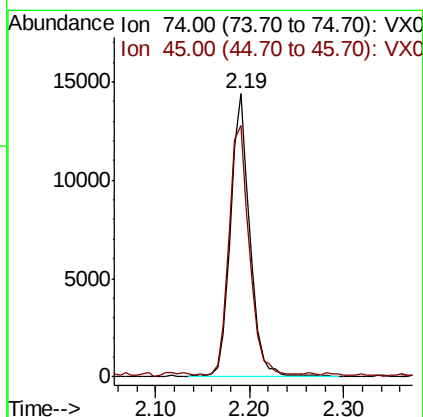
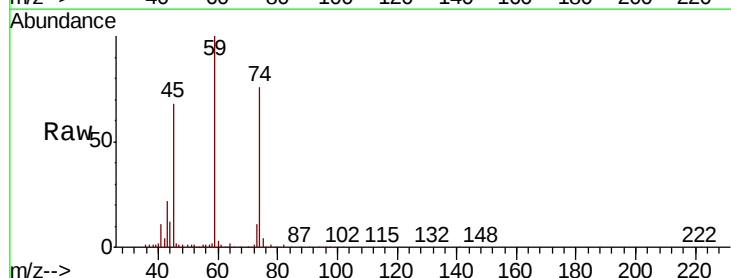
Tot Ion:101 Resp: 59869
Ion Ratio Lower Upper
101 100
103 62.9 52.6 78.8



#8

Diethyl Ether
Concen: 20.256 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX011163.D
Acq: 29 Jul 2019 23:12

Tgt Ion: 74 Resp: 20465
Ion Ratio Lower Upper
74 100
45 93.3 45.5 136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.507 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX011163.D

Acq: 29 Jul 2019 23:12

Instrument :

MSVOA_X

ClientSampleId :

VX0729WBS02

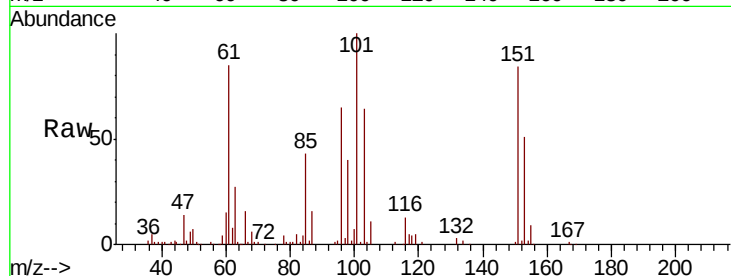
Tot Ion:101 Resp: 32661

Ion Ratio Lower Upper

101 100

85 44.3 34.6 52.0

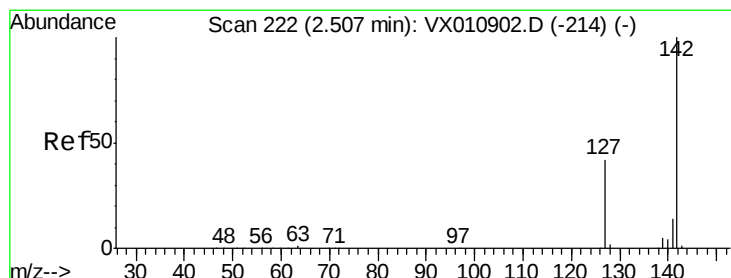
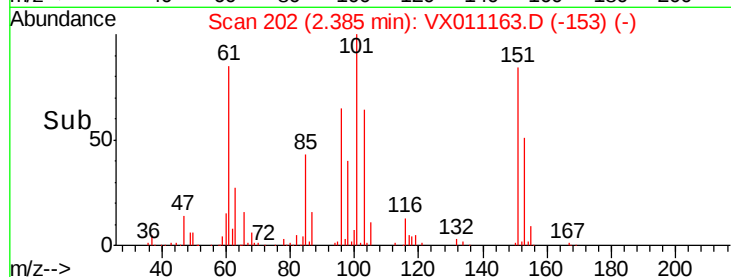
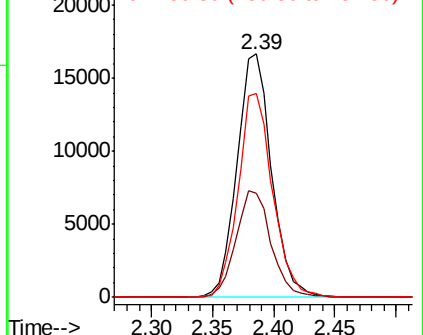
151 84.1 69.6 104.4



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: 12.279 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX011163.D

Acq: 29 Jul 2019 23:12

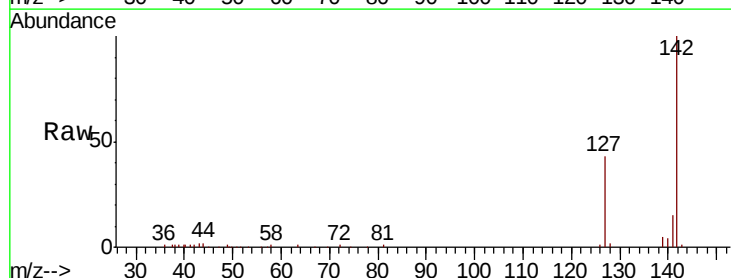
Tgt Ion:142 Resp: 26979

Ion Ratio Lower Upper

142 100

127 43.0 34.2 51.4

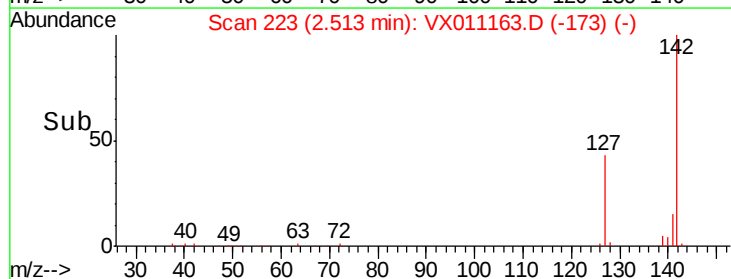
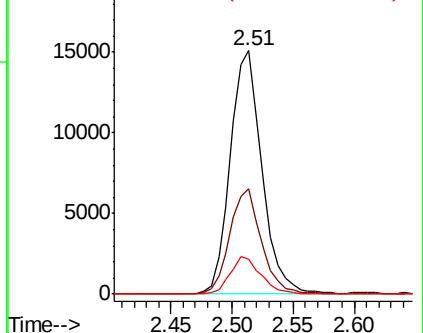
141 14.7 11.7 17.5



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



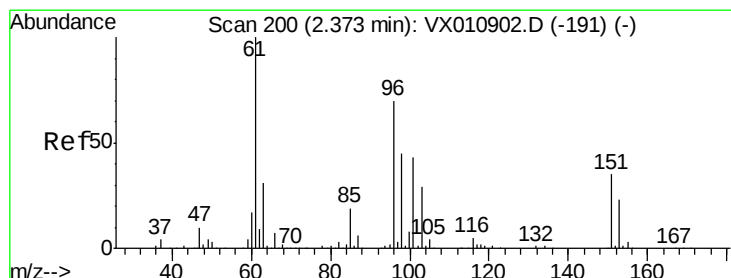
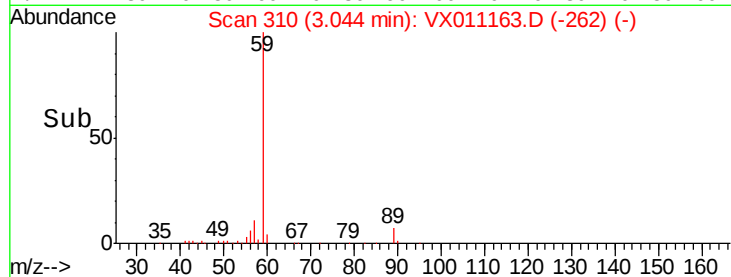
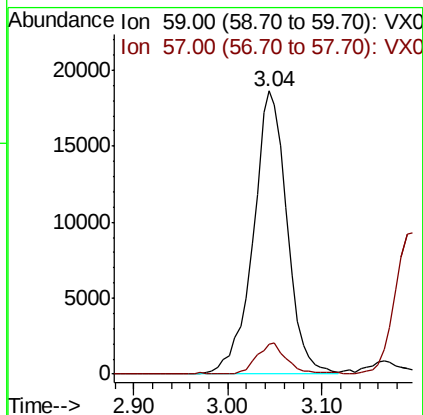
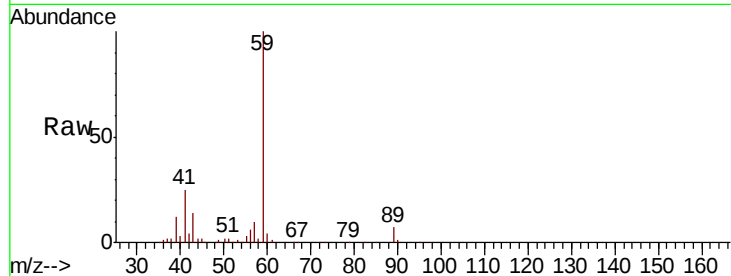


#11

Tert butyl alcohol
 Concen: 102.665 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. -0.01 min
 Lab File: VX011163.D
 Acq: 29 Jul 2019 23:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0729WBS02

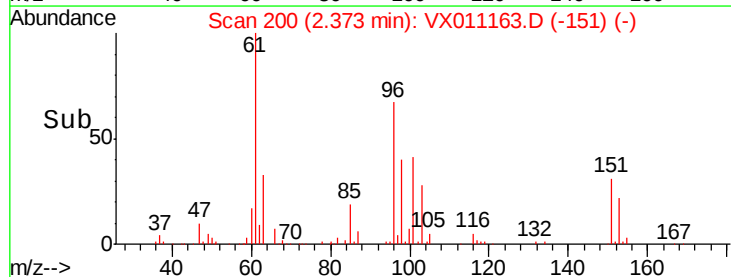
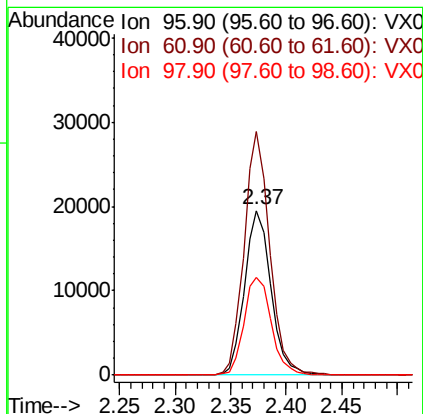
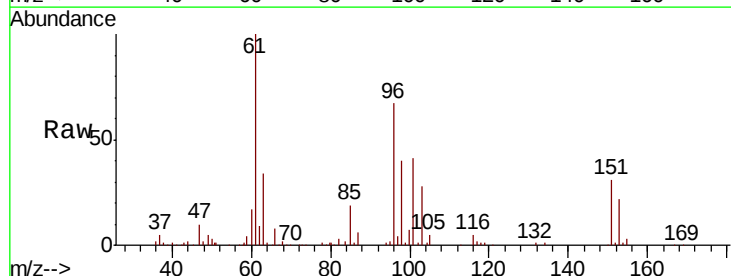
Tot Ion: 59 Resp: 46977
 Ion Ratio Lower Upper
 59 100
 57 9.9 7.9 11.9

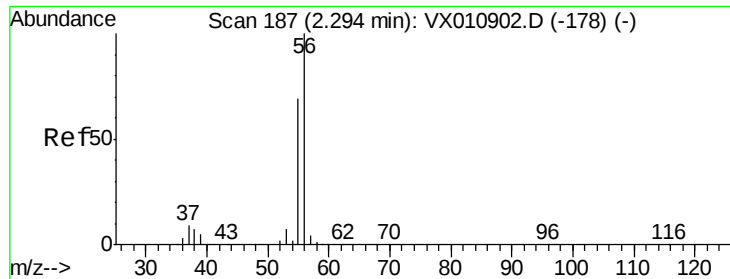


#12

1,1-Dichloroethene
 Concen: 19.548 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.00 min
 Lab File: VX011163.D
 Acq: 29 Jul 2019 23:12

Tgt Ion: 96 Resp: 32157
 Ion Ratio Lower Upper
 96 100
 61 148.2 115.0 172.4
 98 59.5 52.2 78.2





#13

Acrolein

Concen: 61.346 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX011163.D

Acq: 29 Jul 2019 23:12

Instrument :

MSVOA_X

ClientSampleId :

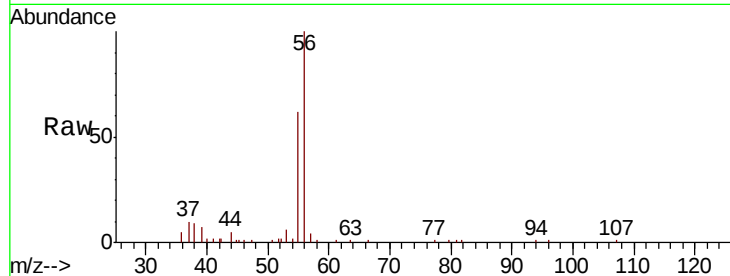
VX0729WBS02

Tot Ion: 56 Resp: 16218

Ion Ratio Lower Upper

56 100

55 69.0 55.9 83.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

12000

10000

8000

6000

4000

2000

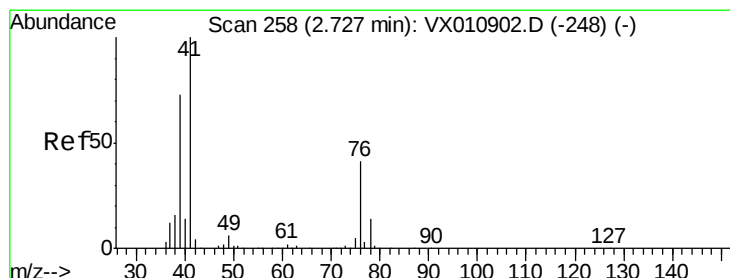
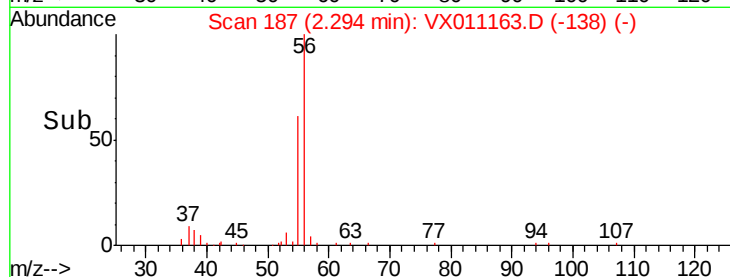
0

2.29

2.30

2.40

Time-->



#14

Allyl chloride

Concen: 19.327 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX011163.D

Acq: 29 Jul 2019 23:12

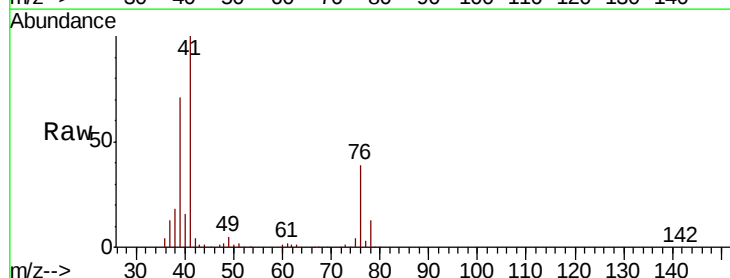
Tgt Ion: 41 Resp: 46181

Ion Ratio Lower Upper

41 100

39 66.2 53.6 80.4

76 35.3 29.7 44.5



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

50000

40000

30000

20000

10000

0

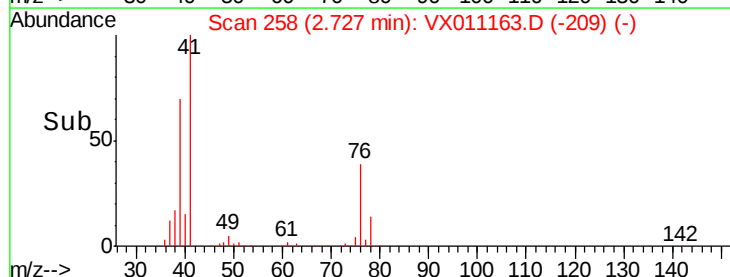
2.73

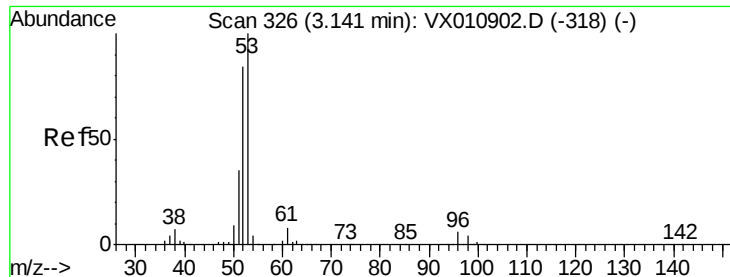
2.60

2.70

2.80

Time-->





#15

Acrylonitrile

Concen: 104.745 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX011163.D

Acq: 29 Jul 2019 23:12

Instrument :

MSVOA_X

ClientSampleId :

VX0729WBS02

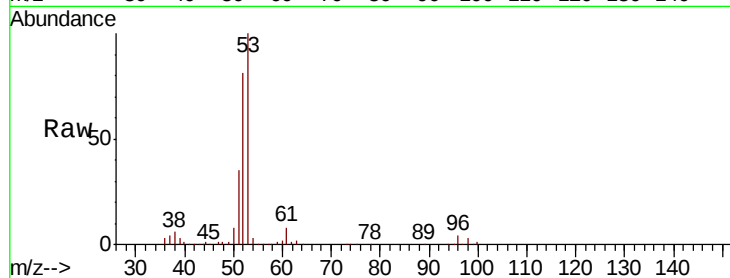
Tot Ion: 53 Resp: 96849

Ion Ratio Lower Upper

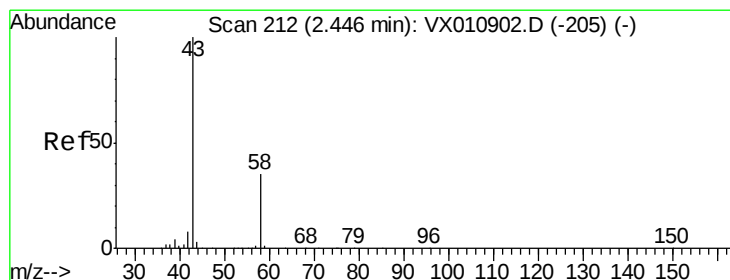
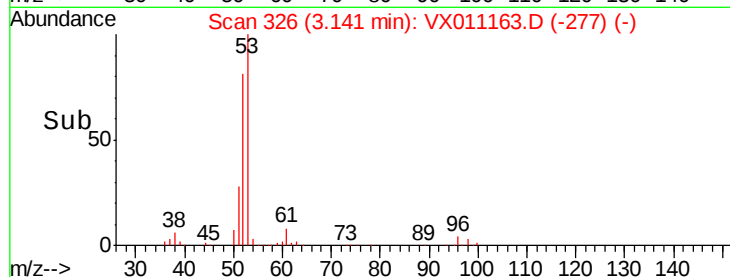
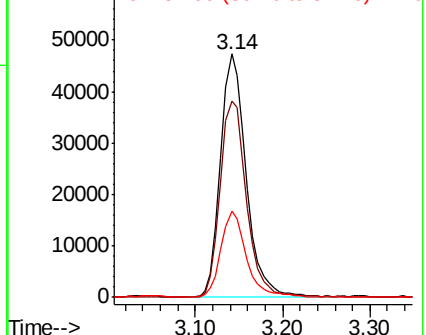
53 100

52 82.3 66.5 99.7

51 35.6 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: 90.496 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX011163.D

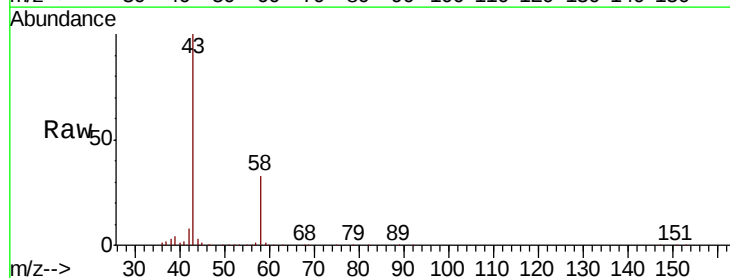
Acq: 29 Jul 2019 23:12

Tgt Ion: 43 Resp: 80304

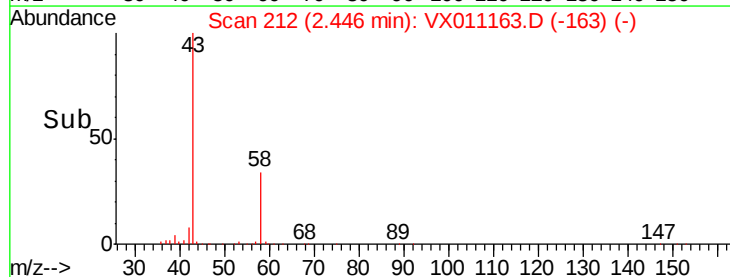
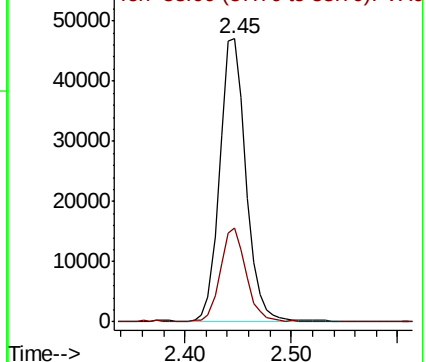
Ion Ratio Lower Upper

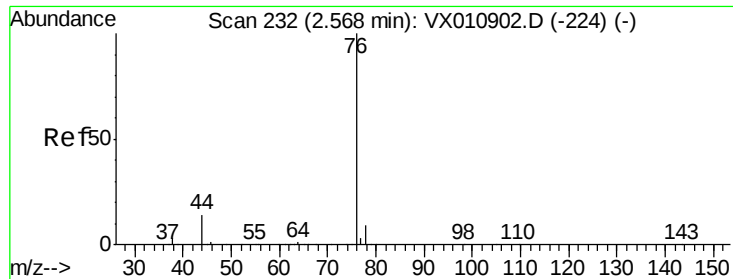
43 100

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

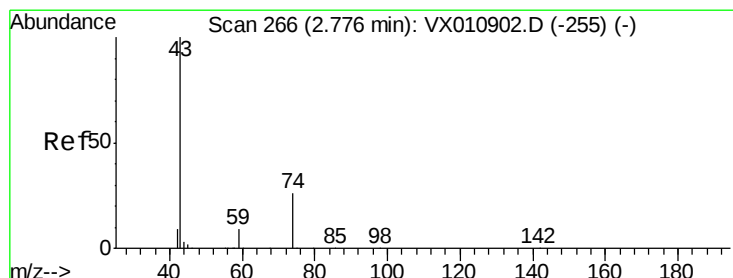
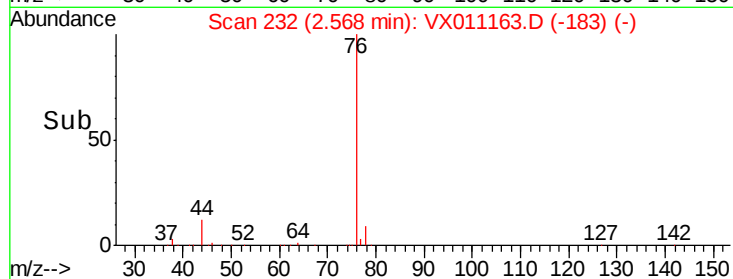
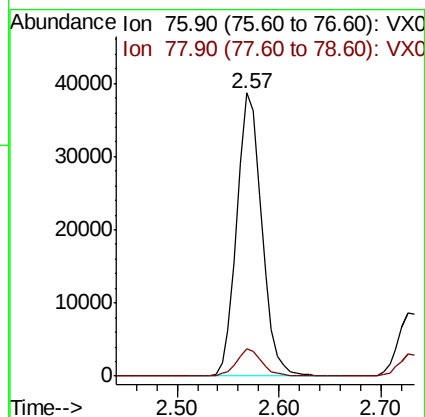
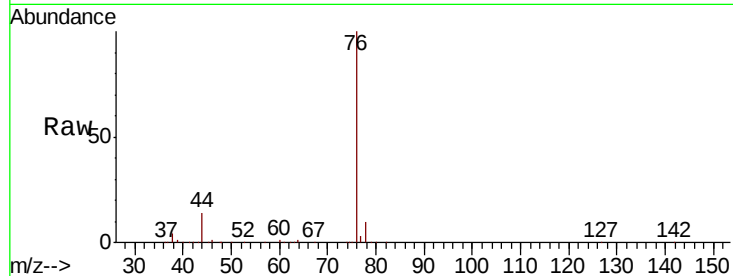




#17
Carbon Disulfide
Concen: 15.520 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX011163.D
Acq: 29 Jul 2019 23:12

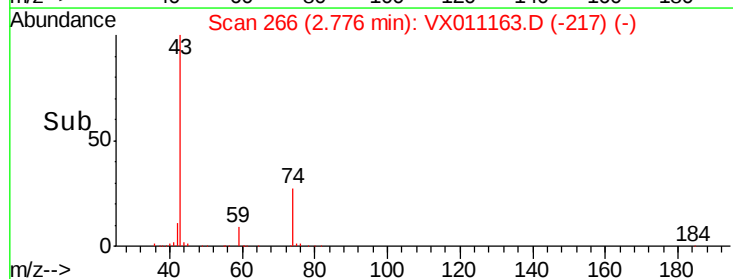
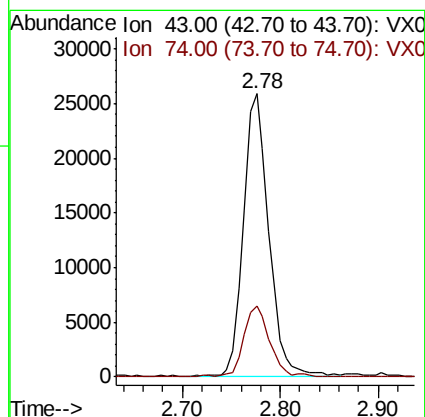
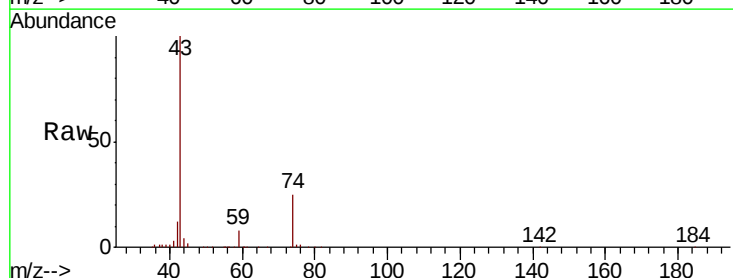
Instrument :
MSVOA_X
ClientSampleId :
VX0729WBS02

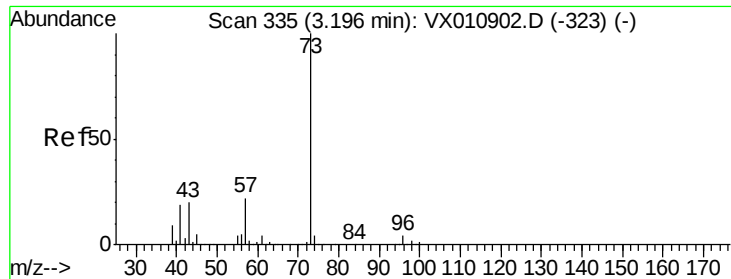
Tot Ion: 76 Resp: 65489
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.0



#18
Methyl Acetate
Concen: 23.221 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX011163.D
Acq: 29 Jul 2019 23:12

Tgt Ion: 43 Resp: 46920
Ion Ratio Lower Upper
43 100
74 25.4 21.5 32.3

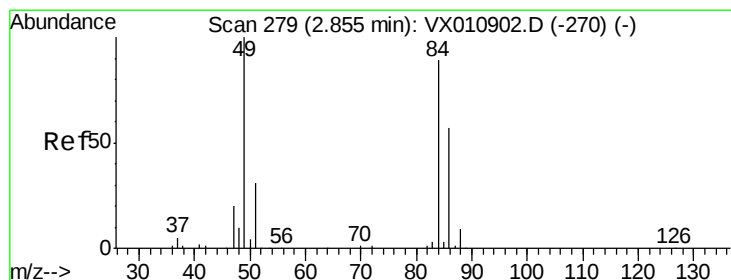
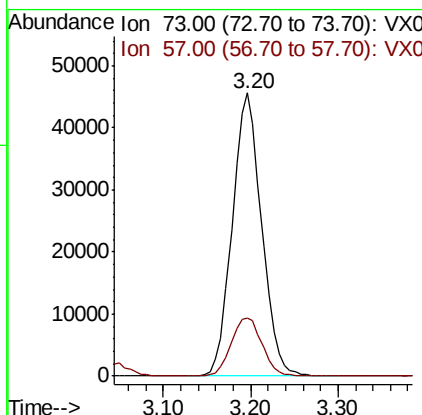
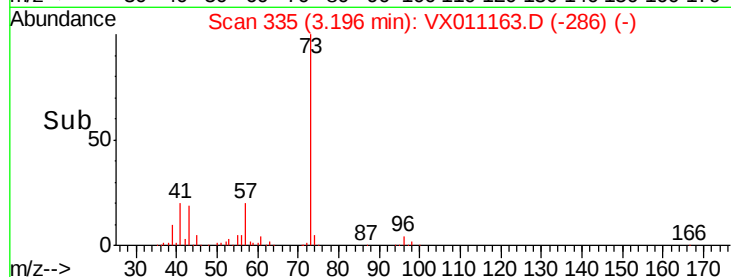
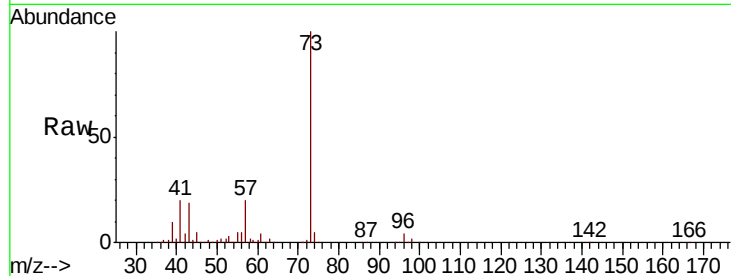




#19
Methvl tert-butvl Ether
Concen: 20.040 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX011163.D
Acq: 29 Jul 2019 23:12

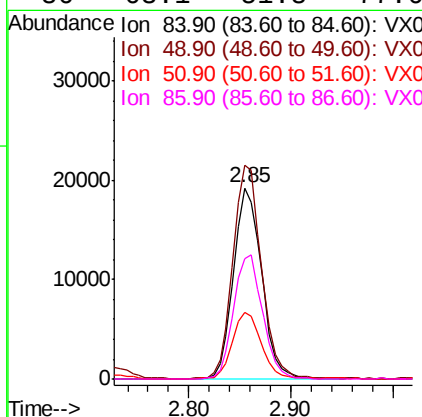
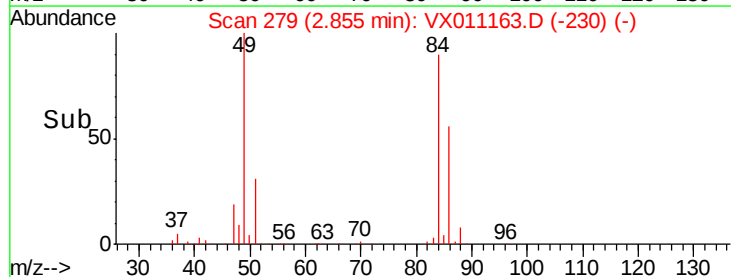
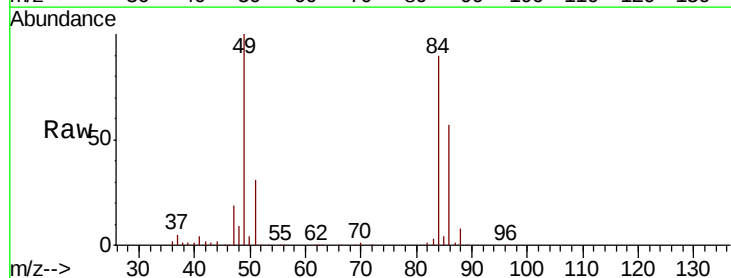
Instrument :
MSVOA_X
ClientSampleId :
VX0729WBS02

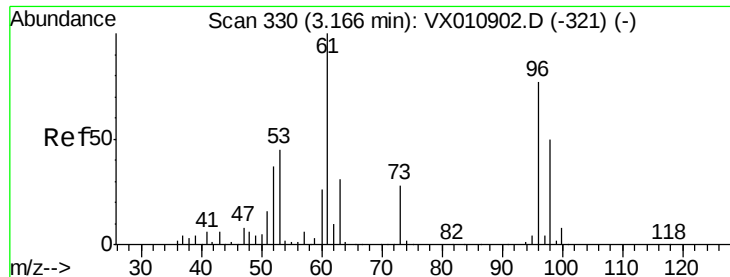
Tot Ion: 73 Resp: 106127
Ion Ratio Lower Upper
73 100
57 20.5 17.3 25.9



#20
Methylene Chloride
Concen: 19.517 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX011163.D
Acq: 29 Jul 2019 23:12

Tgt Ion: 84 Resp: 36703
Ion Ratio Lower Upper
84 100
49 111.3 89.9 134.9
51 34.7 27.8 41.6
86 63.1 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 18.574 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX011163.D

Acq: 29 Jul 2019 23:12

Instrument :

MSVOA_X

ClientSampleId :

VX0729WBS02

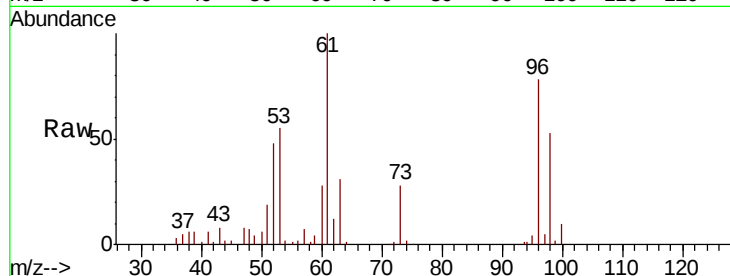
Tot Ion: 96 Resp: 32420

Ion Ratio Lower Upper

96 100

61 128.4 104.2 156.2

98 67.6 52.2 78.4

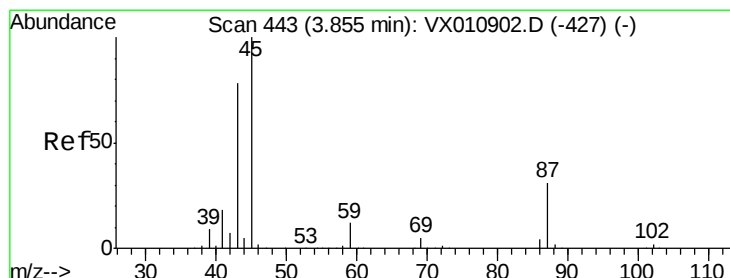
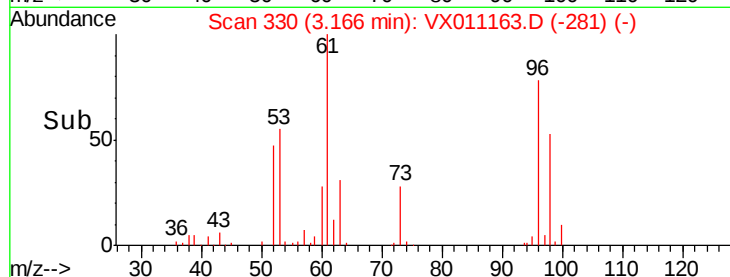
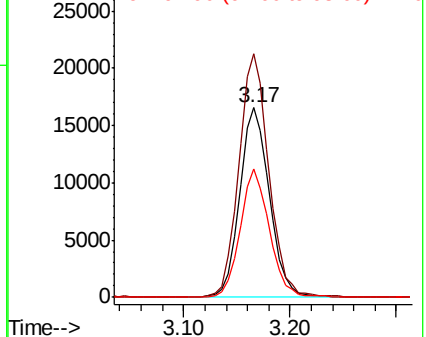


Abundance

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: 20.571 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX011163.D

Acq: 29 Jul 2019 23:12

Tgt Ion: 45 Resp: 103668

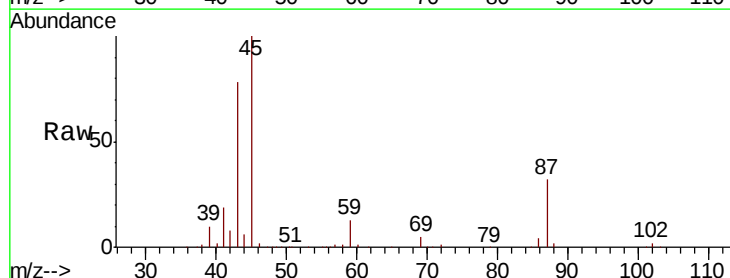
Ion Ratio Lower Upper

45 100

43 78.1 62.3 93.5

87 31.6 25.0 37.4

59 12.7 9.9 14.9



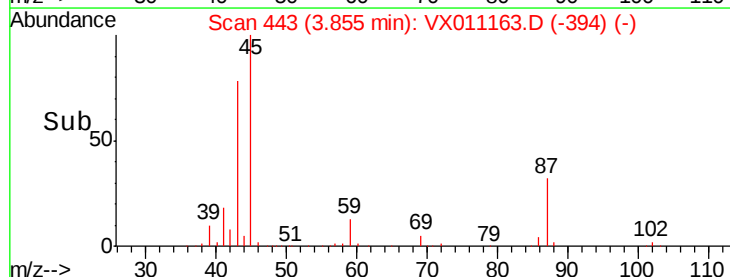
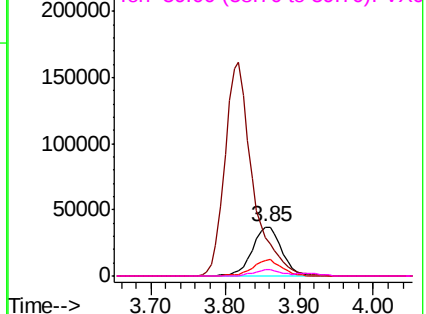
Abundance

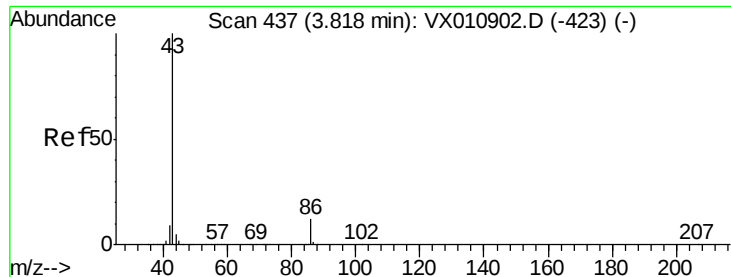
Ion 45.00 (44.70 to 45.70): VX0

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

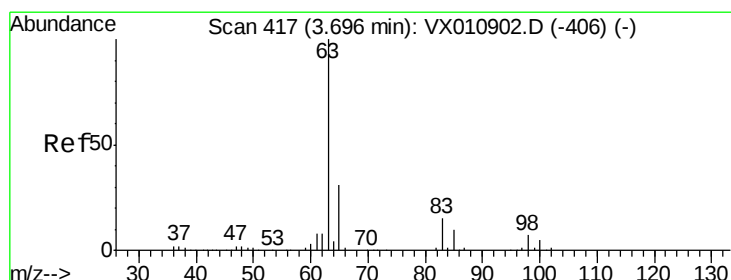
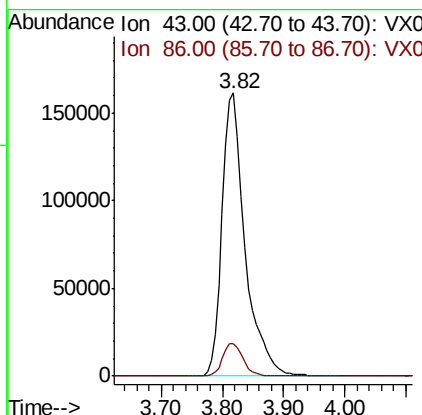
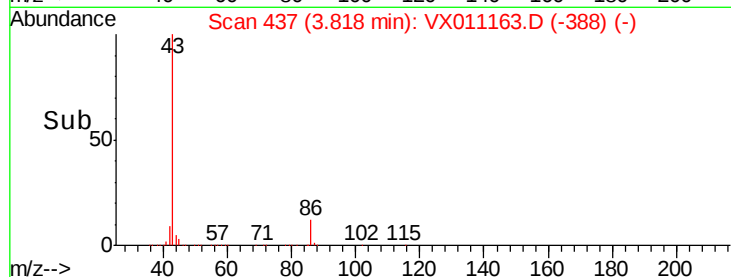
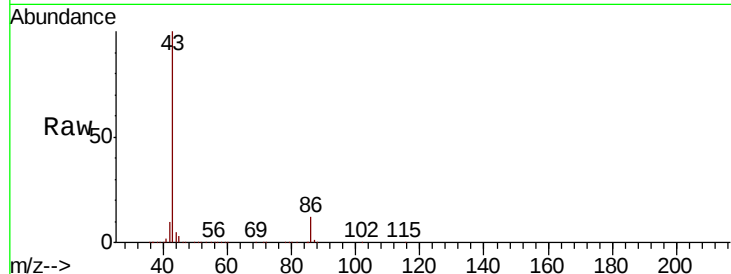




#23
 Vinyl Acetate
 Concen: 98.785 ug/l
 RT: 3.82 min Scan# 437
 Delta R.T. 0.00 min
 Lab File: VX011163.D
 Acq: 29 Jul 2019 23:12

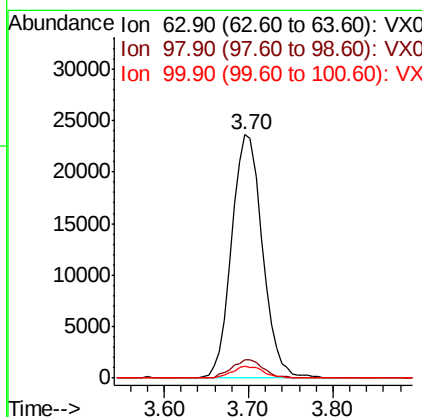
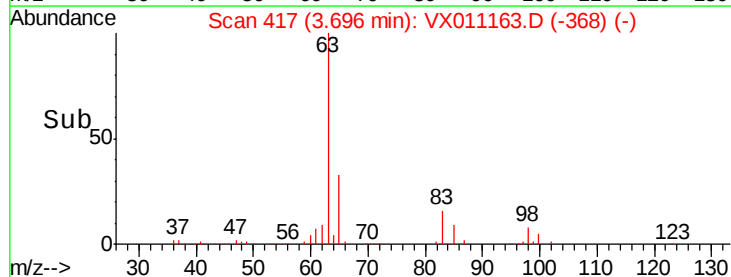
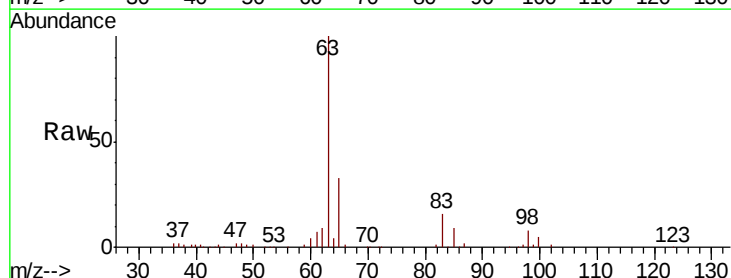
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0729WBS02

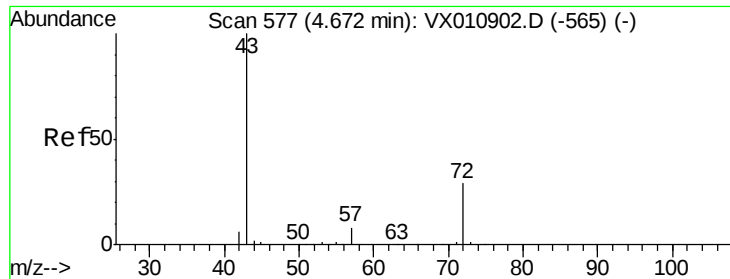
Tot Ion: 43 Resp: 421807
 Ion Ratio Lower Upper
 43 100
 86 11.5 9.4 14.0



#24
 1,1-Dichloroethane
 Concen: 19.924 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: VX011163.D
 Acq: 29 Jul 2019 23:12

Tgt Ion: 63 Resp: 58311
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.6 10.9
 100 4.9 2.4 7.2





#25

2-Butanone

Concen: 101.231 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX011163.D

Acq: 29 Jul 2019 23:12

Instrument :

MSVOA_X

ClientSampleId :

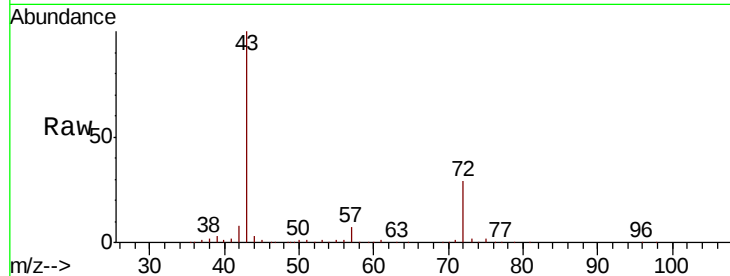
VX0729WBS02

Tot Ion: 43 Resp: 128950

Ion Ratio Lower Upper

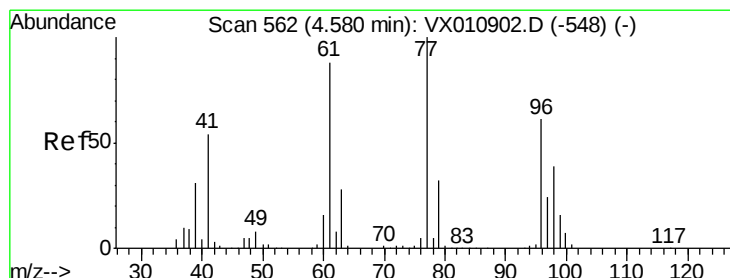
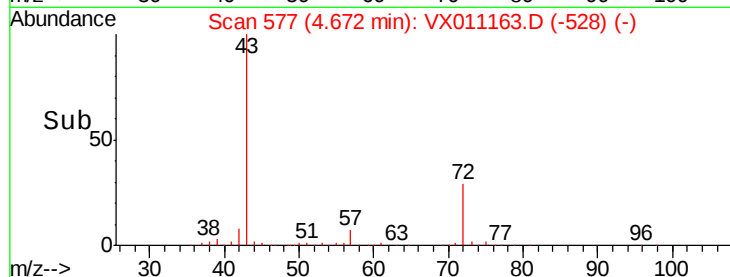
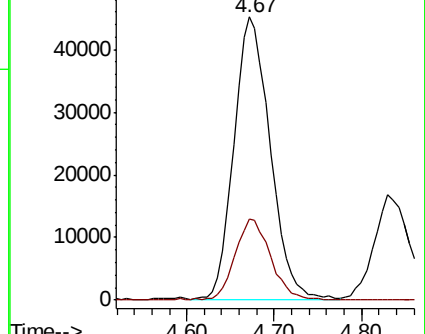
43 100

72 28.6 23.0 34.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 15.461 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX011163.D

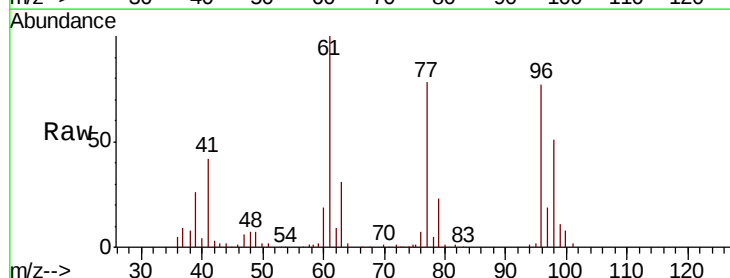
Acq: 29 Jul 2019 23:12

Tgt Ion: 77 Resp: 37154

Ion Ratio Lower Upper

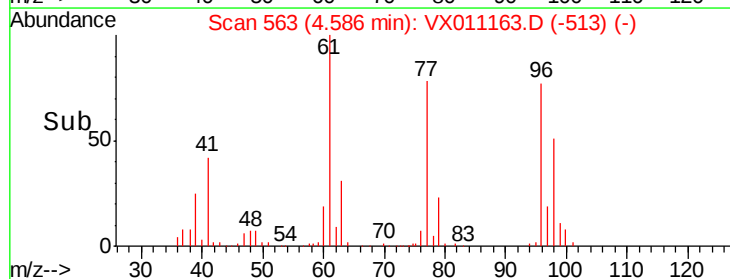
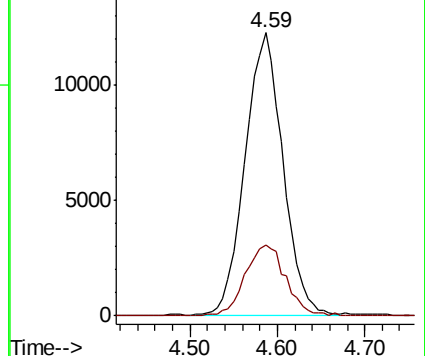
77 100

97 26.6 12.6 37.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



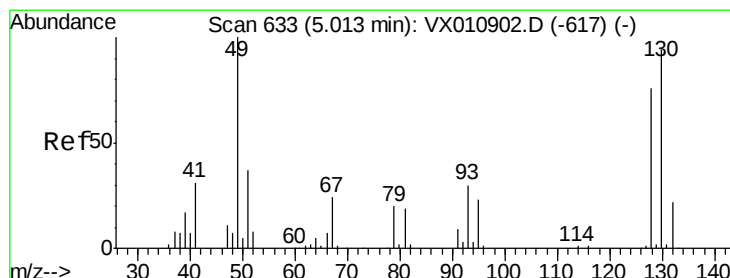
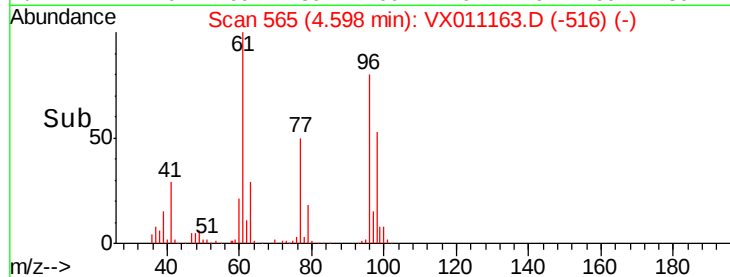
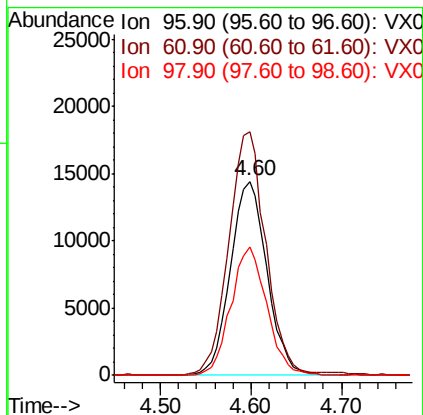
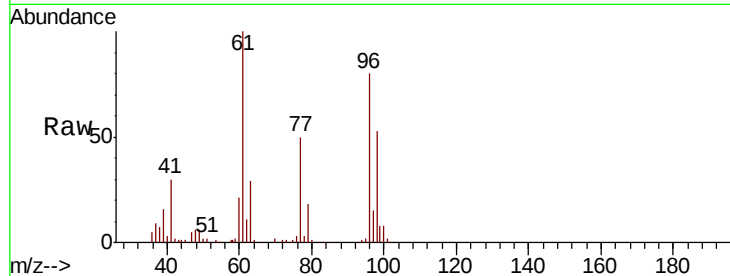


#27

cis-1,2-Dichloroethene
Concen: 19.983 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX011163.D
Acq: 29 Jul 2019 23:12

Instrument :
MSVOA_X
ClientSampleId :
VX0729WBS02

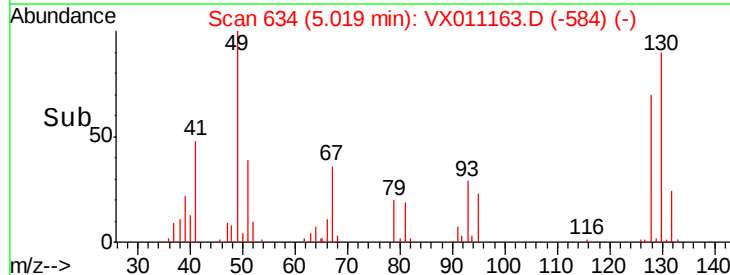
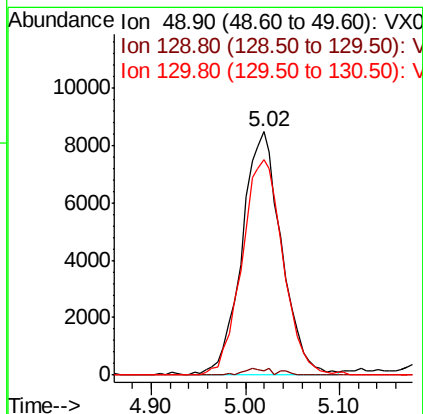
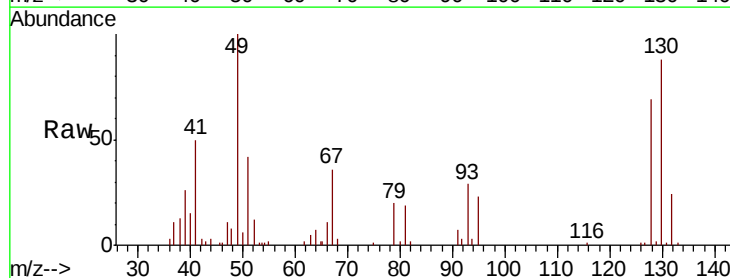
Tot Ion: 96 Resp: 40368
Ion Ratio Lower Upper
96 100
61 127.3 0.0 269.0
98 64.9 0.0 131.4

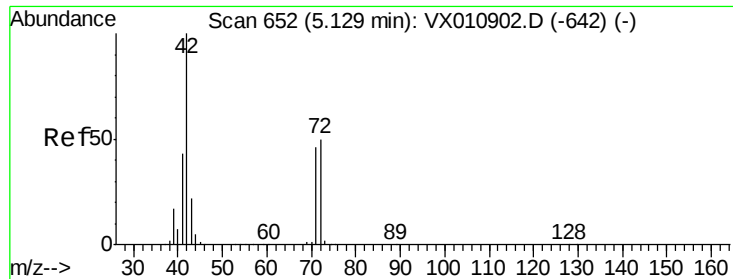


#28

Bromochloromethane
Concen: 18.144 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX011163.D
Acq: 29 Jul 2019 23:12

Tgt Ion: 49 Resp: 25024
Ion Ratio Lower Upper
49 100
129 1.7 0.0 5.2
130 91.9 76.9 115.3

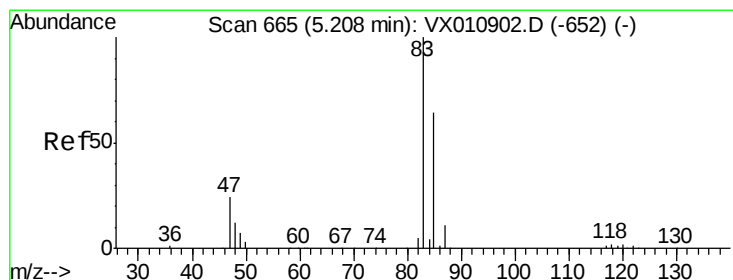
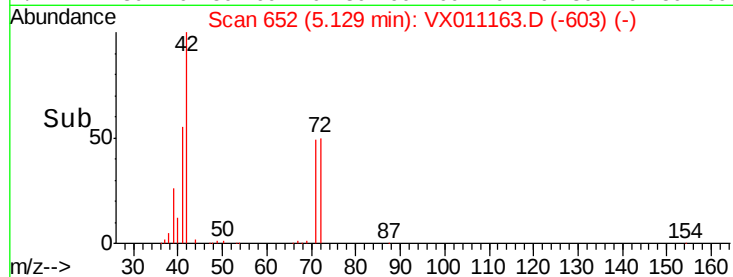
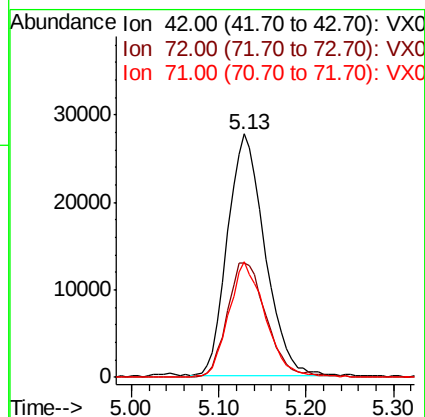
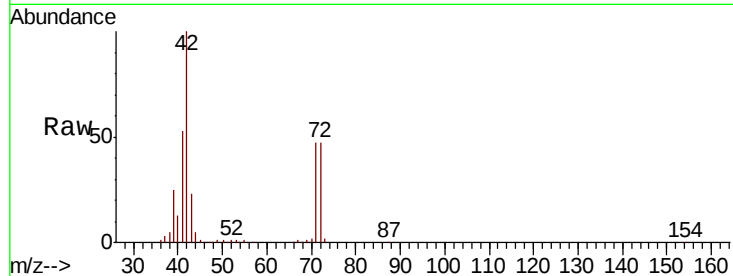




#29
Tetrahydrofuran
Concen: 101.810 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX011163.D
Acq: 29 Jul 2019 23:12

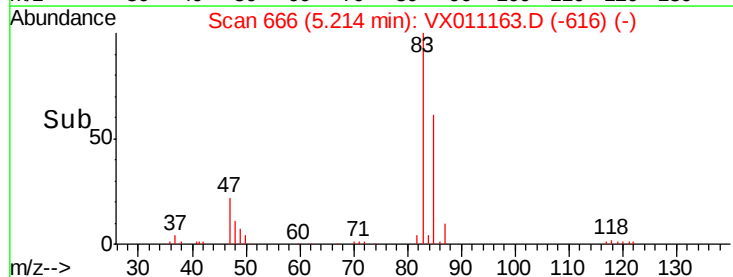
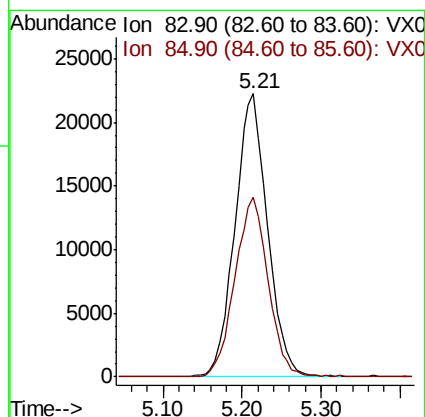
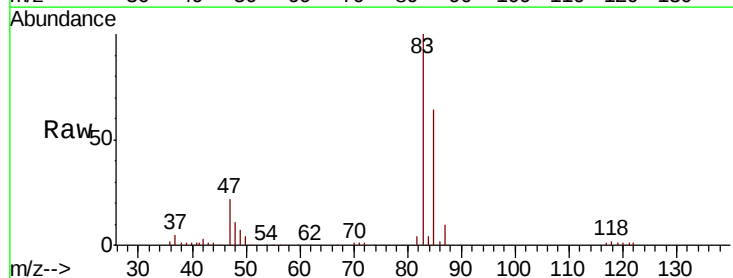
Instrument :
MSVOA_X
ClientSampleId :
VX0729WBS02

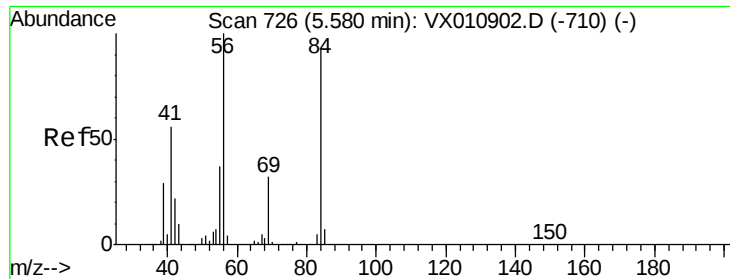
Tot Ion: 42 Resp: 82149
Ion Ratio Lower Upper
42 100
72 50.2 39.8 59.8
71 47.2 37.0 55.4



#30
Chloroform
Concen: 20.181 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX011163.D
Acq: 29 Jul 2019 23:12

Tgt Ion: 83 Resp: 63842
Ion Ratio Lower Upper
83 100
85 63.5 51.4 77.0

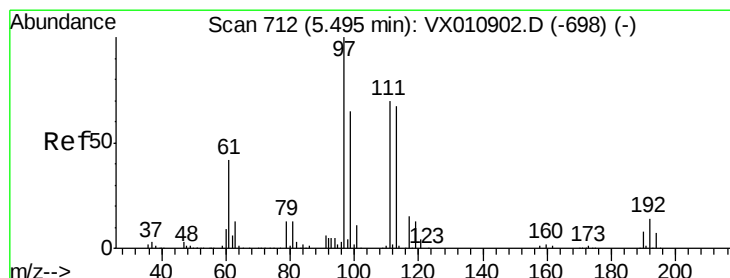
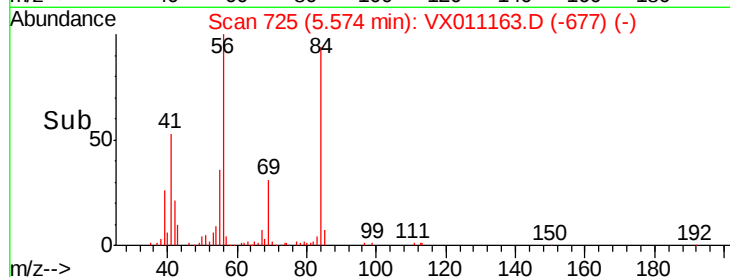
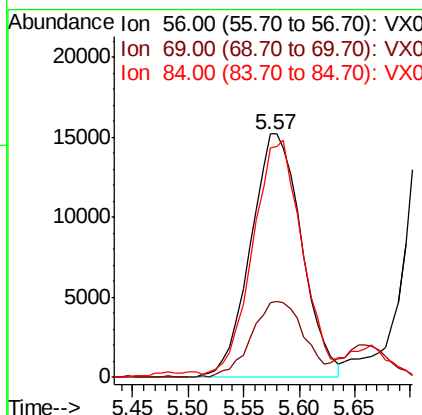
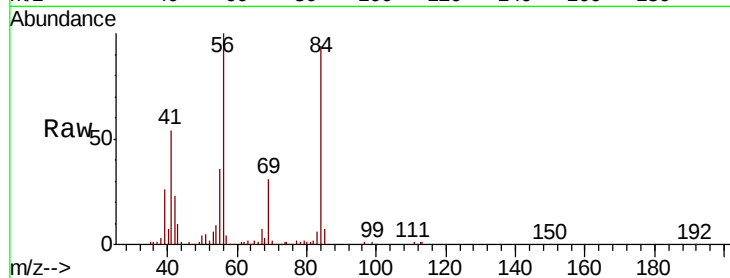




#31
Cvclohexane
Concen: 18.183 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX011163.D
Acq: 29 Jul 2019 23:12

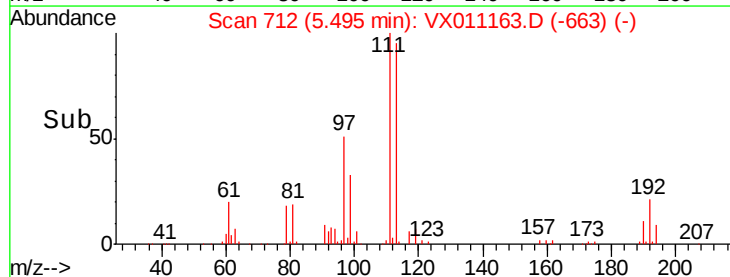
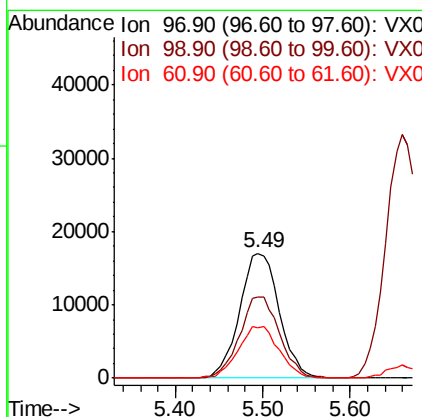
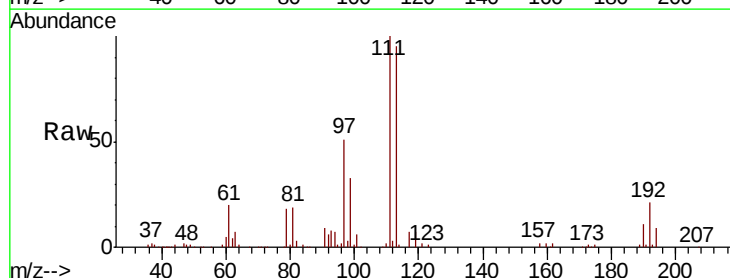
Instrument :
MSVOA_X
ClientSampleId :
VX0729WBS02

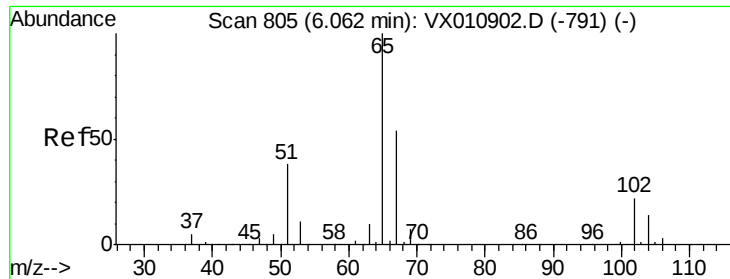
Tot Ion: 56 Resp: 48507
Ion Ratio Lower Upper
56 100
69 30.0 25.8 38.8
84 92.2 73.8 110.6



#32
1,1,1-Trichloroethane
Concen: 19.562 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX011163.D
Acq: 29 Jul 2019 23:12

Tgt Ion: 97 Resp: 53539
Ion Ratio Lower Upper
97 100
99 65.0 51.4 77.0
61 42.6 33.0 49.6

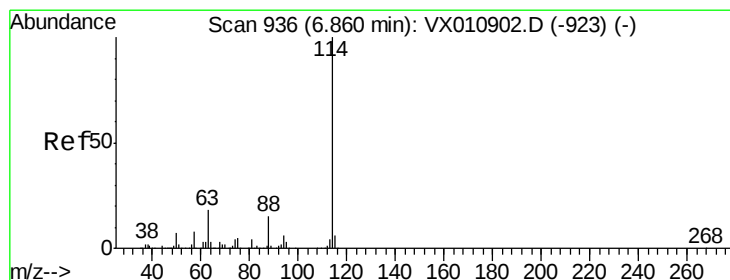
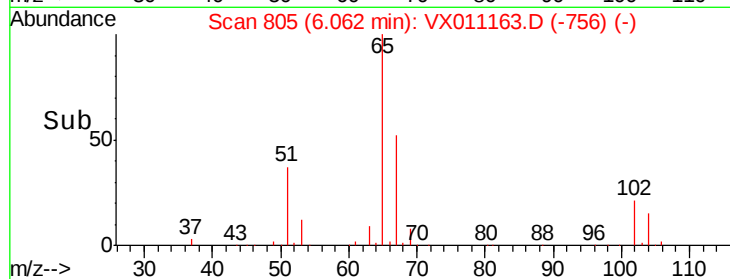
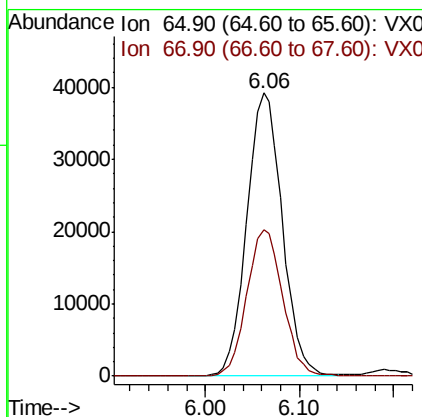
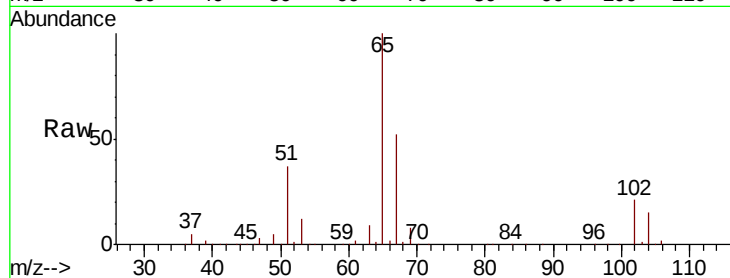




#33
 1,2-Dichloroethane-d4
 Concen: 52.742 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX011163.D
 Acq: 29 Jul 2019 23:12

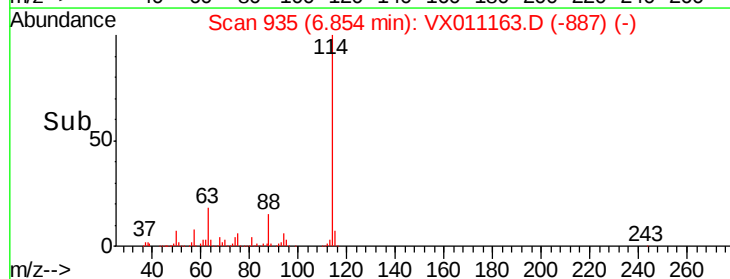
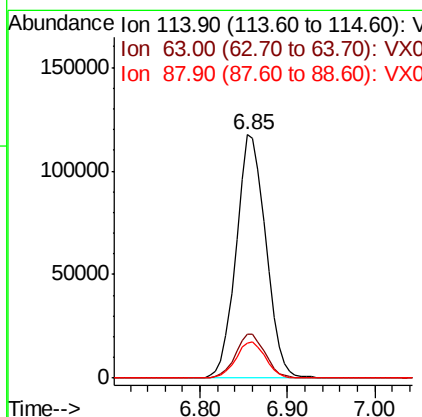
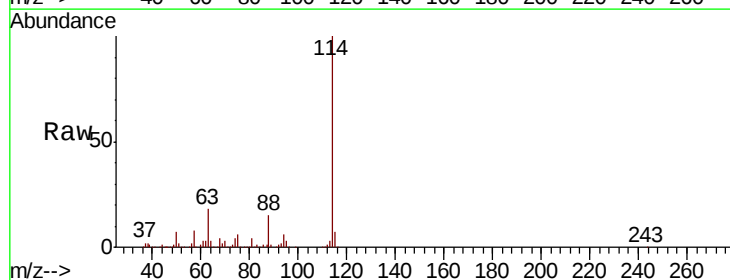
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0729WBS02

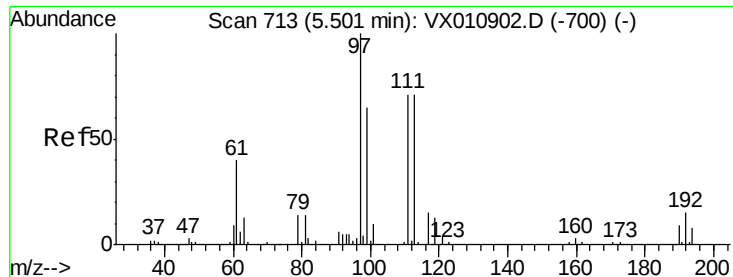
Tot Ion: 65 Resp: 103626
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: VX011163.D
 Acq: 29 Jul 2019 23:12

Tgt Ion: 114 Resp: 277781
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 35.6
 88 14.6 0.0 29.8

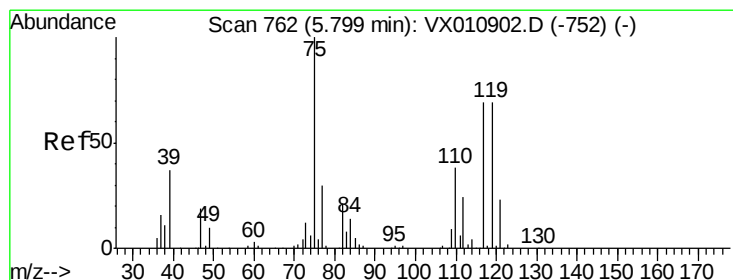
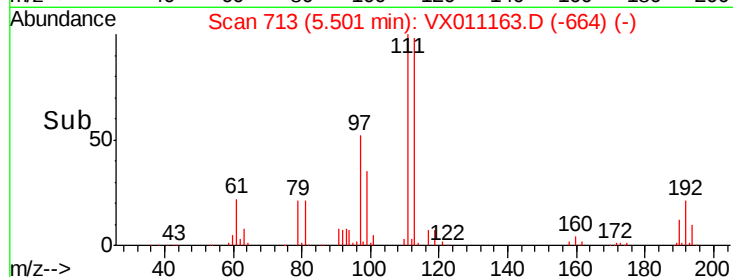
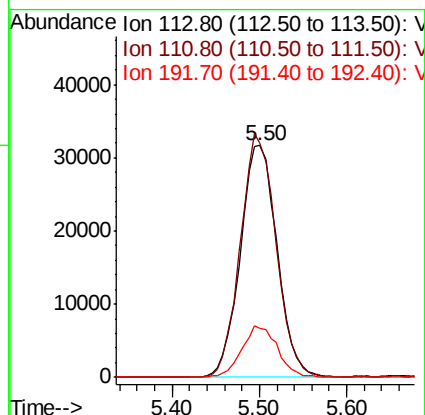
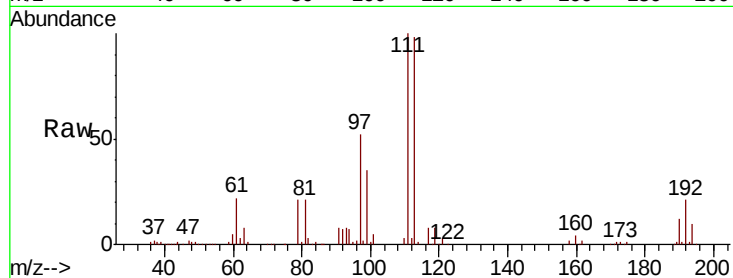




#35
 Dibromofluoromethane
 Concen: 52.588 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX011163.D
 Acq: 29 Jul 2019 23:12

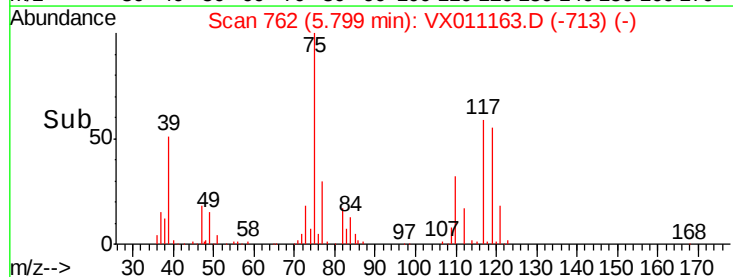
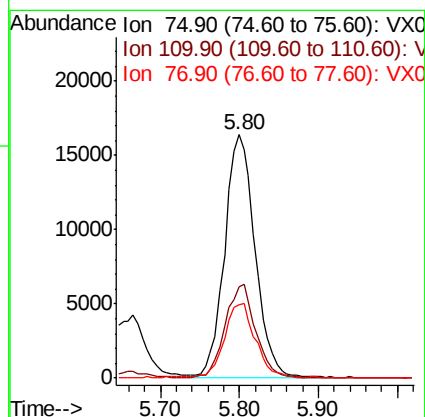
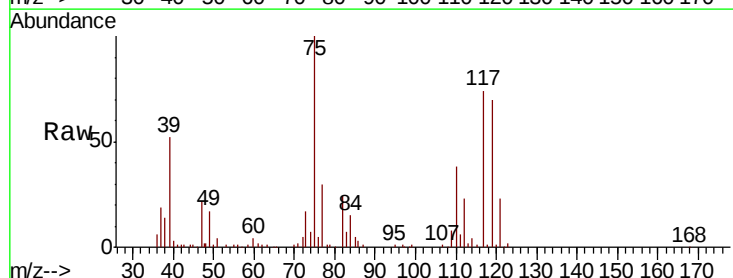
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0729WBS02

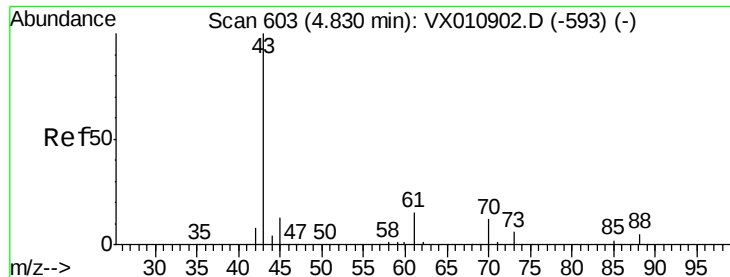
Tot Ion:113 Resp: 92719
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.3 123.5
 192 21.6 17.4 26.2



#36
 1,1-Dichloropropene
 Concen: 19.388 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX011163.D
 Acq: 29 Jul 2019 23:12

Tgt Ion: 75 Resp: 44239
 Ion Ratio Lower Upper
 75 100
 110 38.4 19.9 59.7
 77 31.0 25.0 37.4

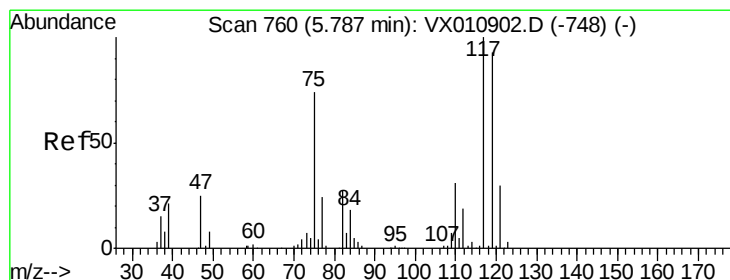
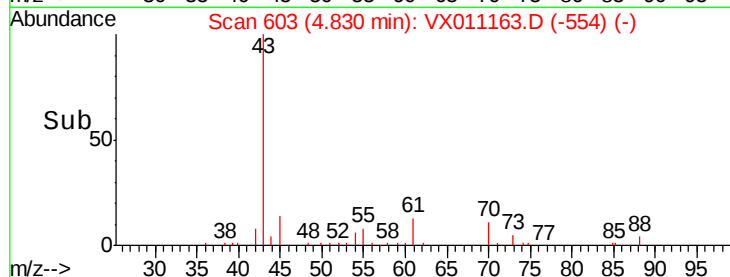
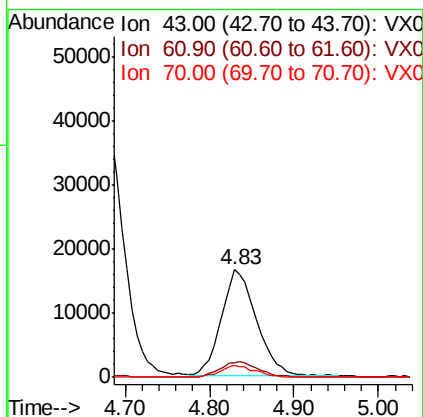
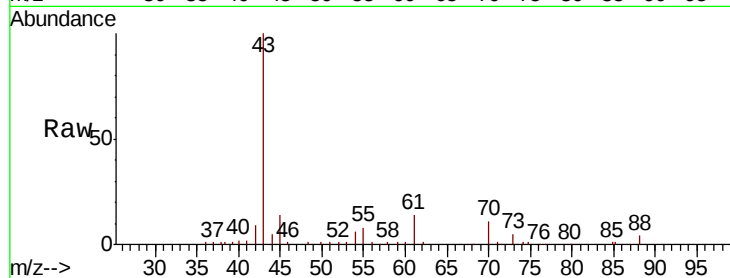




#37
Ethyl Acetate
Concen: 20.412 ug/l
RT: 4.83 min Scan# 603
Delta R.T. 0.00 min
Lab File: VX011163.D
Acq: 29 Jul 2019 23:12

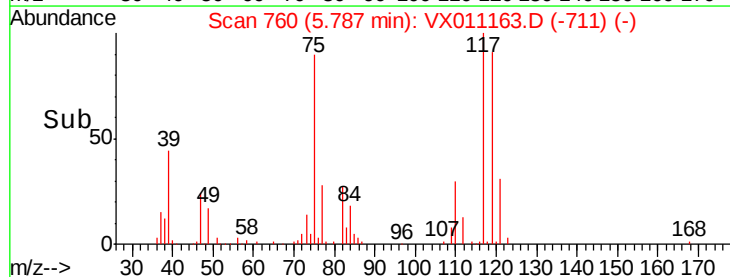
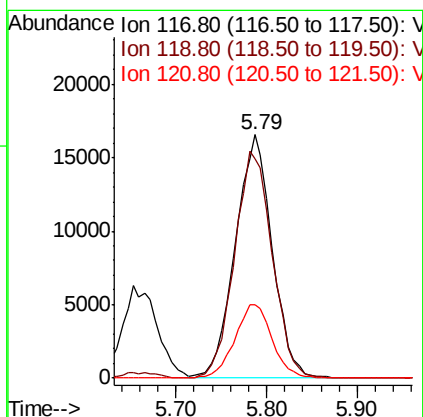
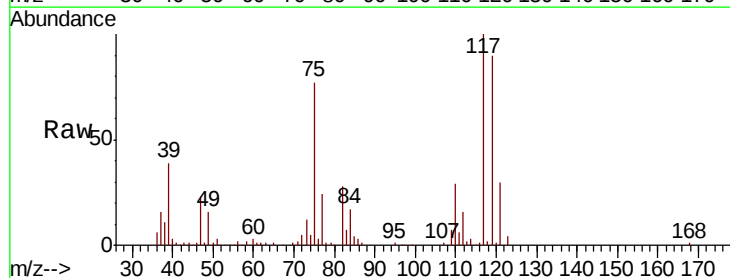
Instrument :
MSVOA_X
ClientSampled :
VX0729WBS02

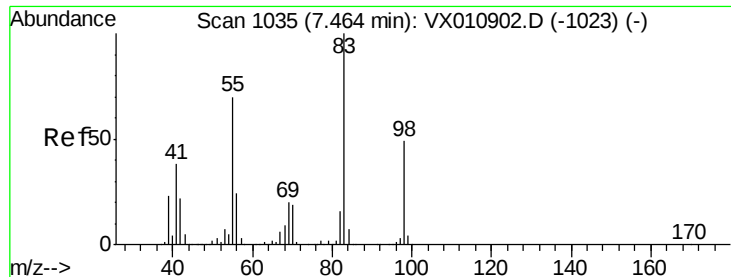
Tot Ion: 43 Resp: 47691
Ion Ratio Lower Upper
43 100
61 16.3 11.6 17.4
70 11.4 9.1 13.7



#38
Carbon Tetrachloride
Concen: 19.566 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX011163.D
Acq: 29 Jul 2019 23:12

Tgt Ion: 117 Resp: 46522
Ion Ratio Lower Upper
117 100
119 90.0 74.2 111.2
121 30.3 24.2 36.2

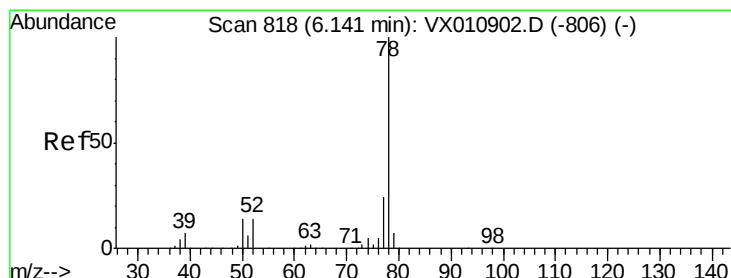
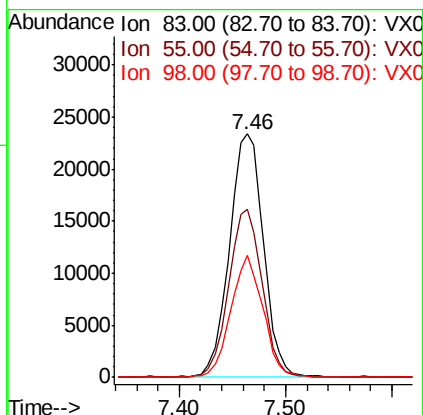
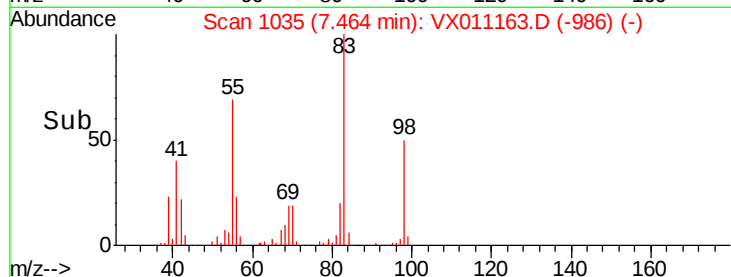
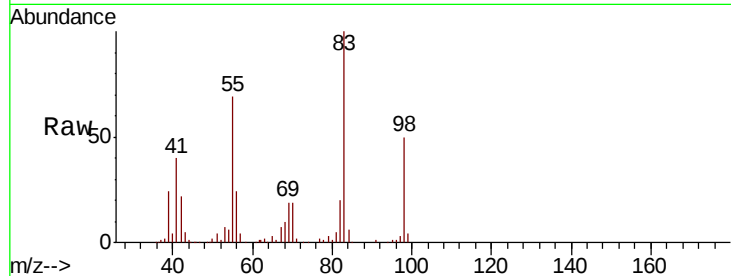




#39
Methvlcvclohexane
Concen: 17.690 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX011163.D
Acq: 29 Jul 2019 23:12

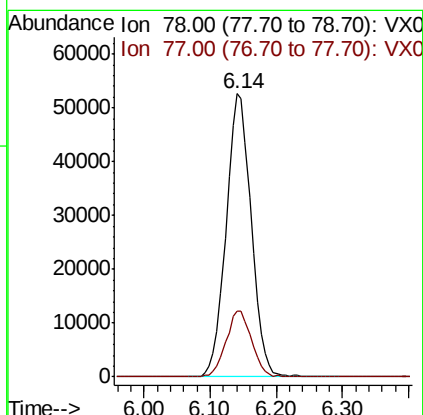
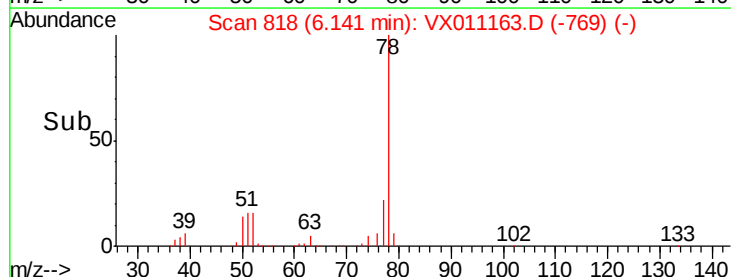
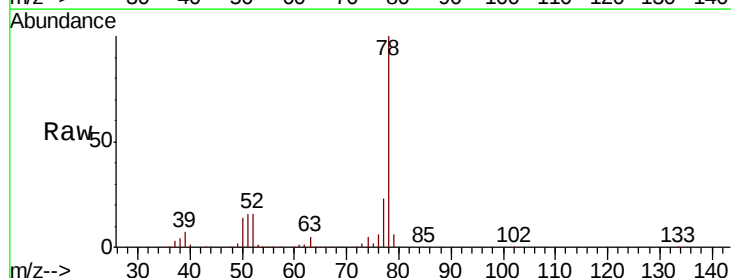
Instrument :
MSVOA_X
ClientSampleId :
VX0729WBS02

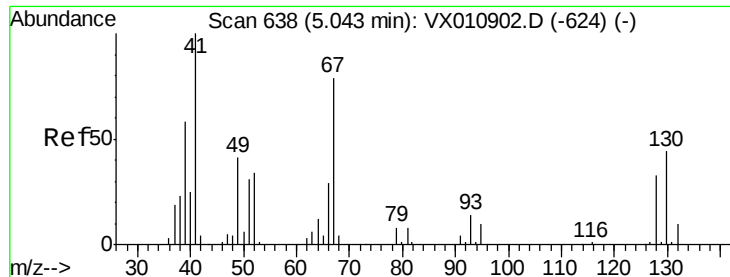
Tot Ion: 83 Resp: 52344
Ion Ratio Lower Upper
83 100
55 68.6 56.2 84.4
98 50.0 39.0 58.4



#40
Benzene
Concen: 19.773 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX011163.D
Acq: 29 Jul 2019 23:12

Tgt Ion: 78 Resp: 138200
Ion Ratio Lower Upper
78 100
77 23.0 19.0 28.6

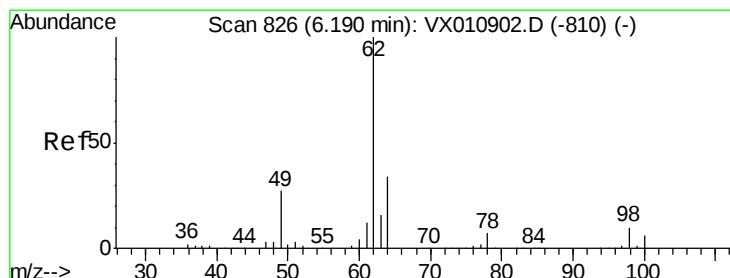
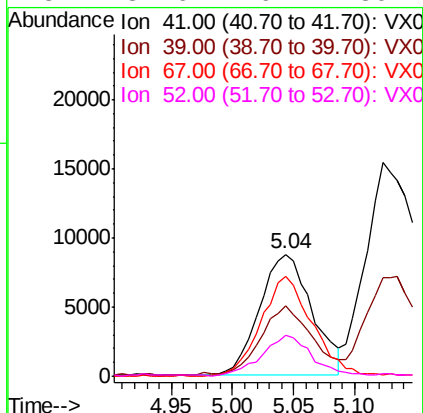
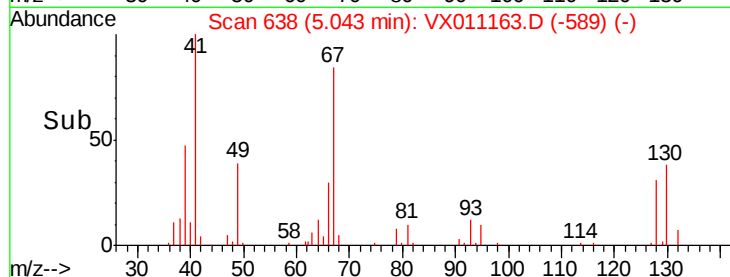
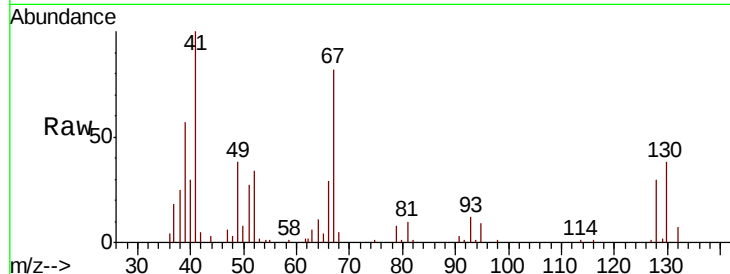




#41
Methacrylonitrile
Concen: 19.829 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX011163.D
Acq: 29 Jul 2019 23:12

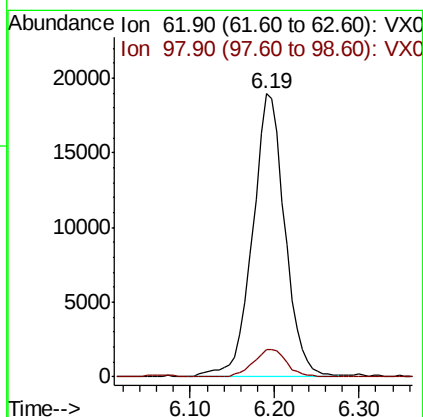
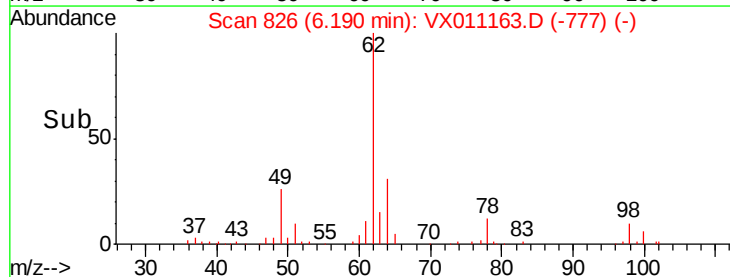
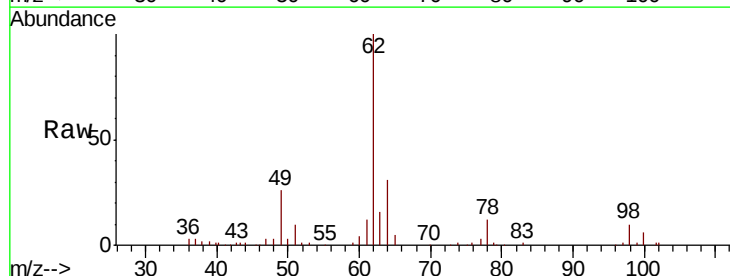
Instrument :
MSVOA_X
ClientSampleId :
VX0729WBS02

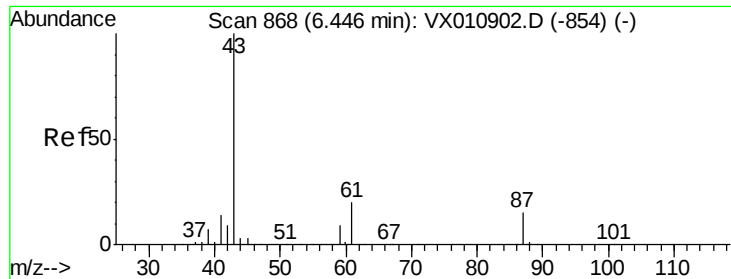
Tot Ion: 41 Resp: 26300
Ion Ratio Lower Upper
41 100
39 57.9 45.4 68.2
67 81.0 65.9 98.9
52 32.6 26.2 39.2



#42
1,2-Dichloroethane
Concen: 20.472 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX011163.D
Acq: 29 Jul 2019 23:12

Tgt Ion: 62 Resp: 49751
Ion Ratio Lower Upper
62 100
98 9.9 0.0 20.0





#43

Isopropyl Acetate

Concen: 19.598 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX011163.D

Acq: 29 Jul 2019 23:12

Instrument :

MSVOA_X

ClientSampleId :

VX0729WBS02

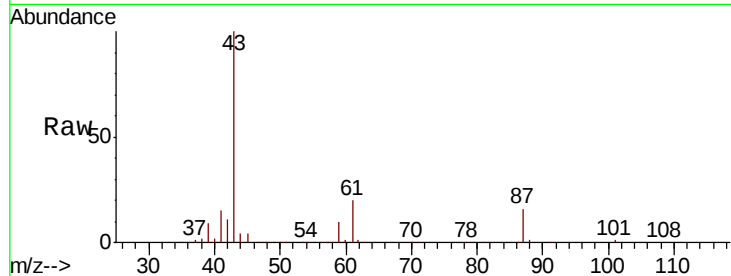
Tot Ion: 43 Resp: 75291

Ion Ratio Lower Upper

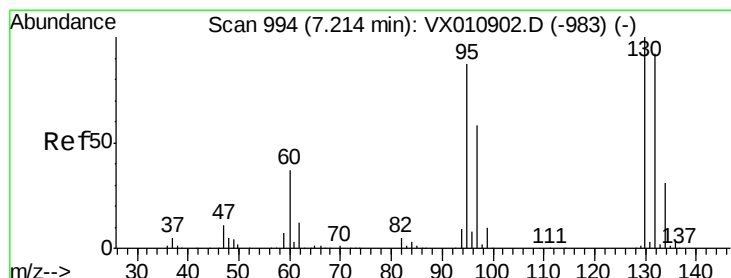
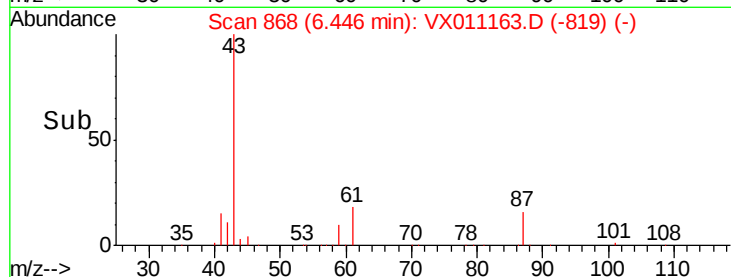
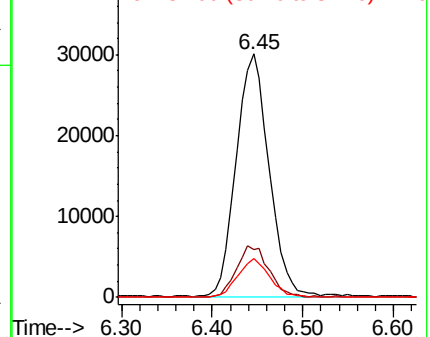
43 100

61 21.1 17.1 25.7

87 15.6 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: 18.981 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX011163.D

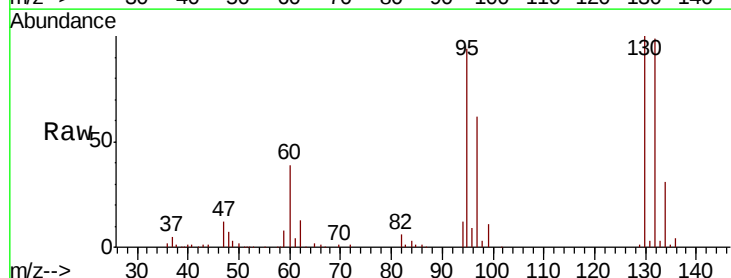
Acq: 29 Jul 2019 23:12

Tgt Ion:130 Resp: 39270

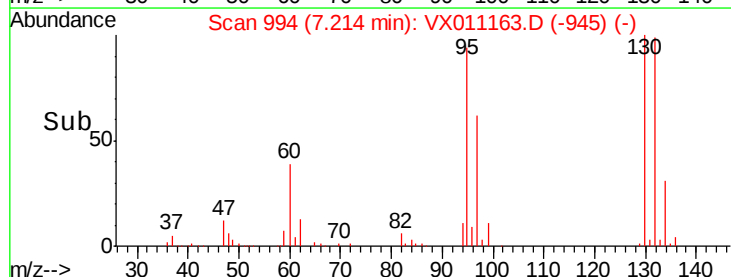
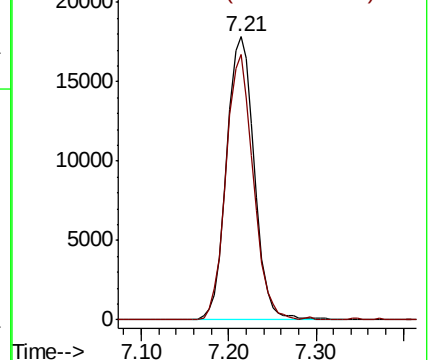
Ion Ratio Lower Upper

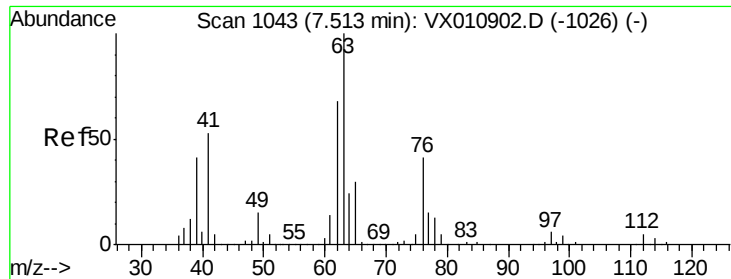
130 100

95 94.0 0.0 174.8



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

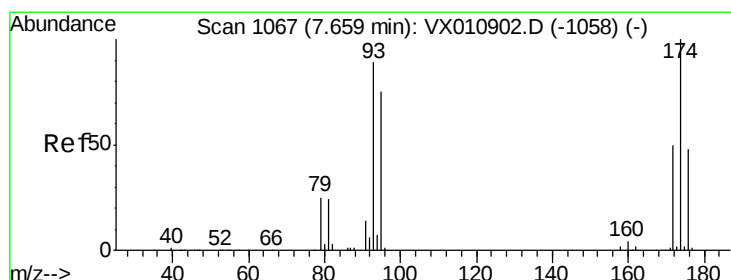
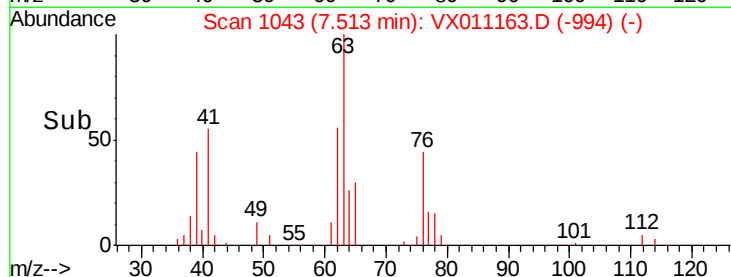
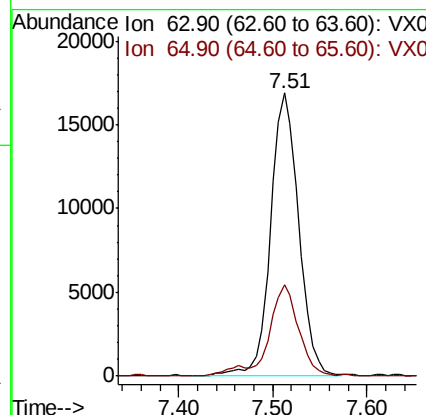
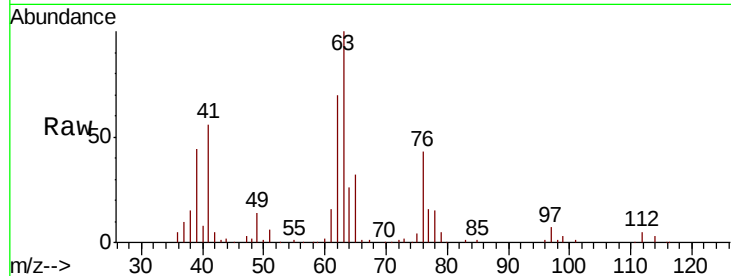




#45
 1,2-Dichloropropane
 Concen: 19.891 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX011163.D
 Acq: 29 Jul 2019 23:12

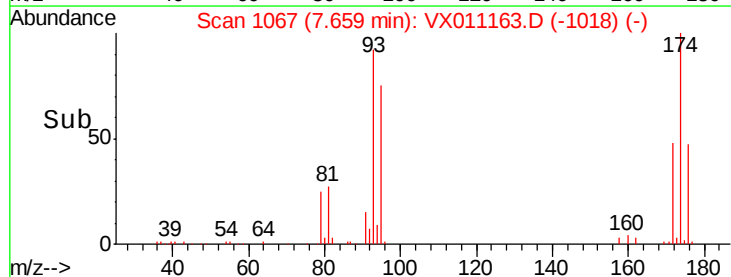
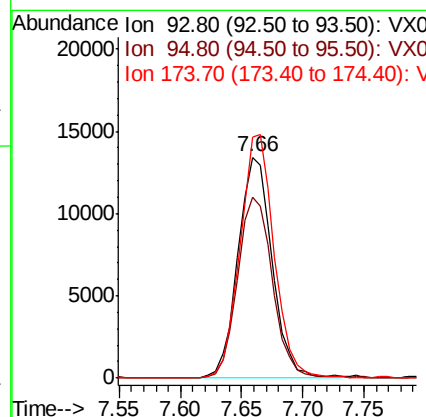
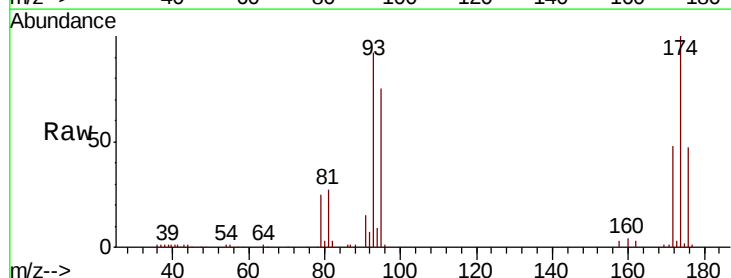
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0729WBS02

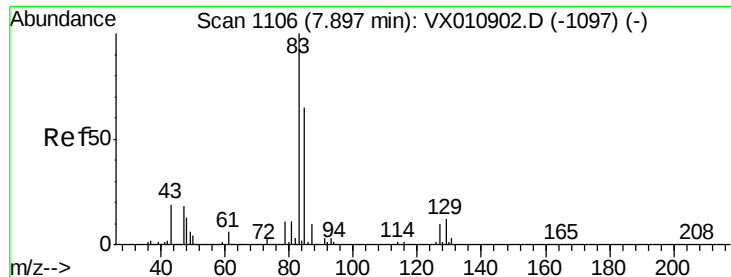
Tot Ion: 63 Resp: 35385
 Ion Ratio Lower Upper
 63 100
 65 32.3 24.4 36.6



#46
 Dibromomethane
 Concen: 20.389 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX011163.D
 Acq: 29 Jul 2019 23:12

Tgt Ion: 93 Resp: 25918
 Ion Ratio Lower Upper
 93 100
 95 83.8 67.2 100.8
 174 110.1 90.6 135.8





#47

Bromodichloromethane

Concen: 19.780 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX011163.D

Acq: 29 Jul 2019 23:12

Instrument :

MSVOA_X

ClientSampleId :

VX0729WBS02

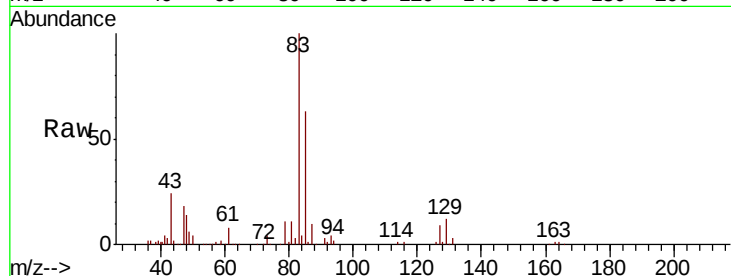
Tot Ion: 83 Resp: 44757

Ion Ratio Lower Upper

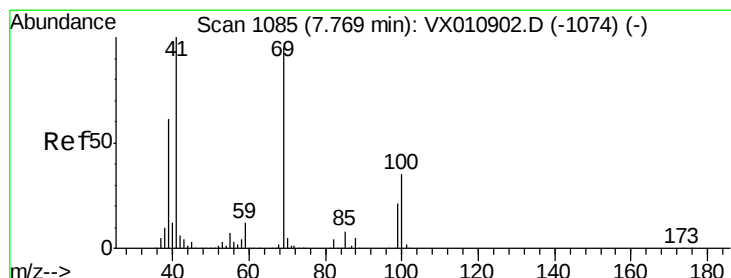
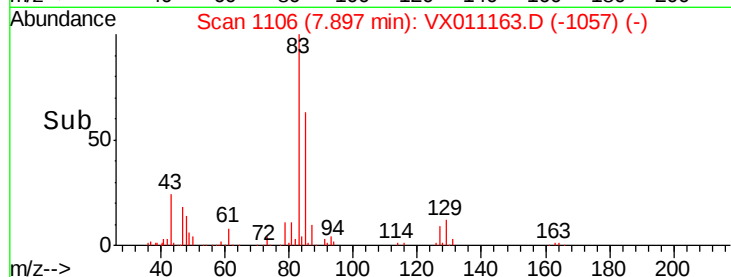
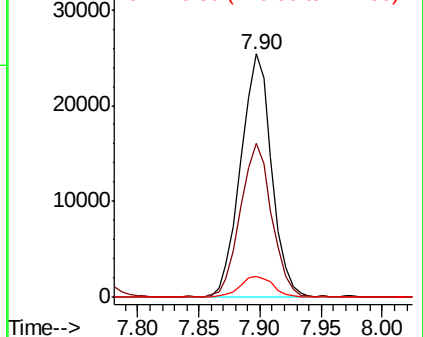
83 100

85 62.8 52.5 78.7

127 8.6 7.8 11.8



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



#48

Methyl methacrylate

Concen: 19.652 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX011163.D

Acq: 29 Jul 2019 23:12

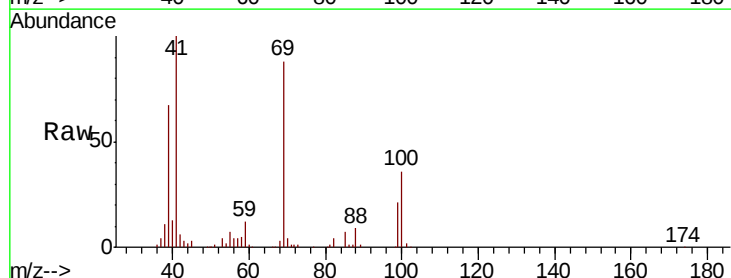
Tgt Ion: 41 Resp: 36779

Ion Ratio Lower Upper

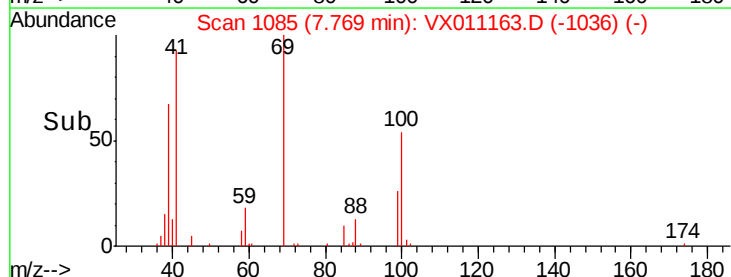
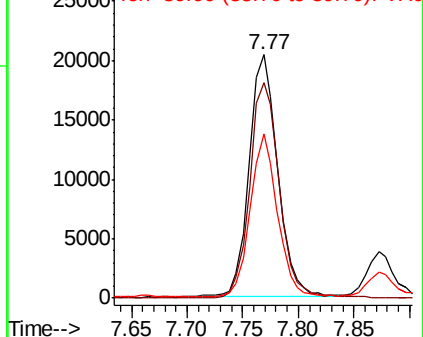
41 100

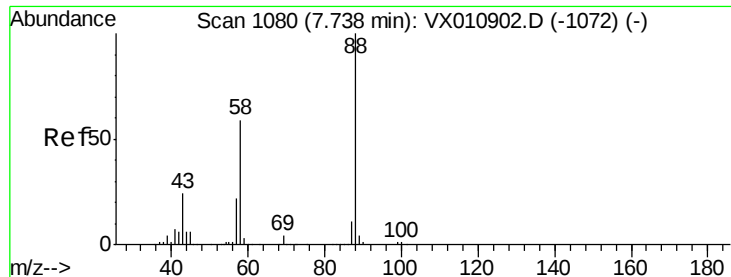
69 91.3 74.4 111.6

39 63.2 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

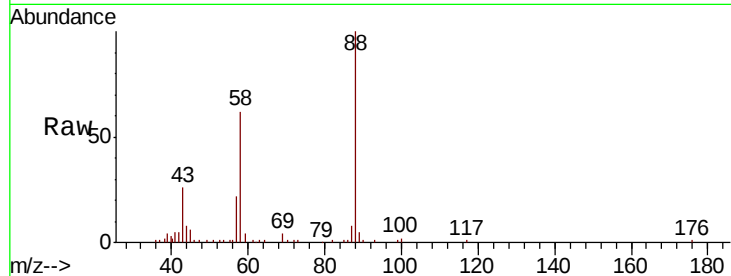




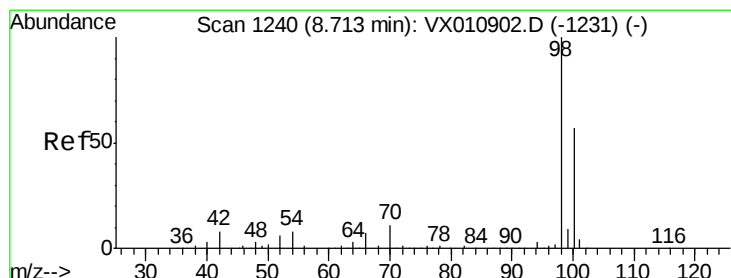
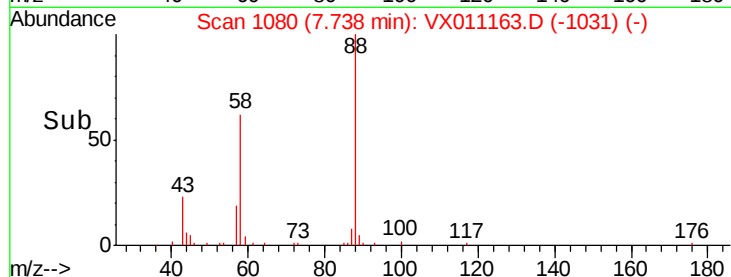
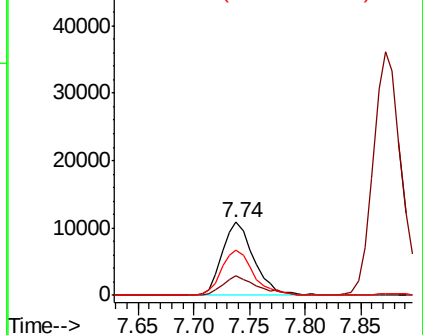
#49
1,4-Dioxane
Concen: 412.391 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX011163.D
Acq: 29 Jul 2019 23:12

Instrument :
MSVOA_X
ClientSampleId :
VX0729WBS02

Tot Ion: 88 Resp: 21589
Ion Ratio Lower Upper
88 100
43 30.3 22.9 34.3
58 61.9 49.8 74.8

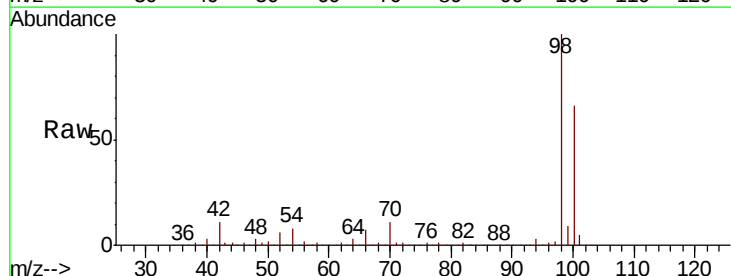


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

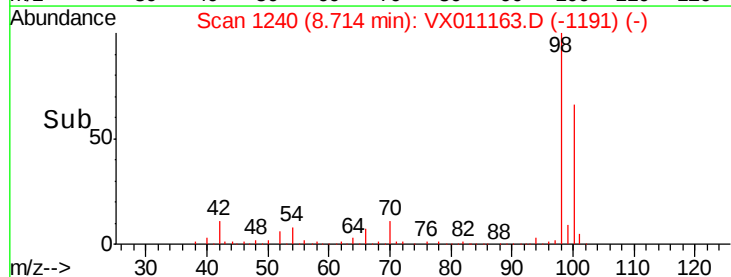
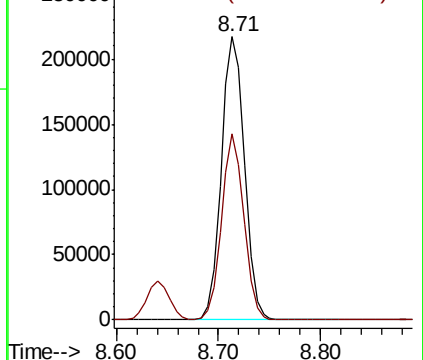


#50
Toluene-d8
Concen: 51.644 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011163.D
Acq: 29 Jul 2019 23:12

Tgt Ion: 98 Resp: 341517
Ion Ratio Lower Upper
98 100
100 63.2 50.6 75.8



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

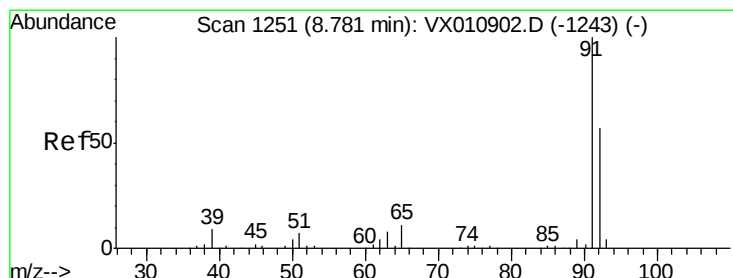
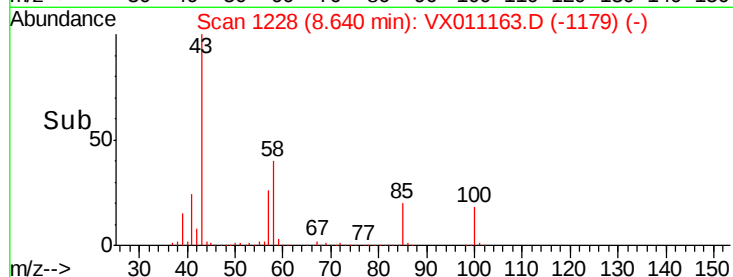
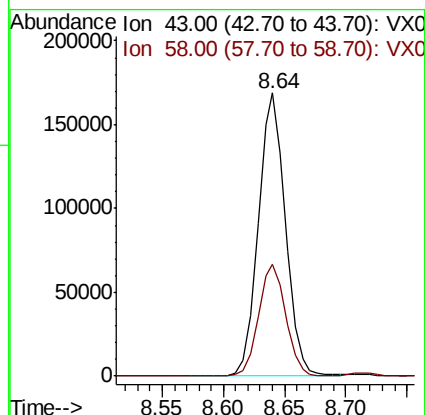
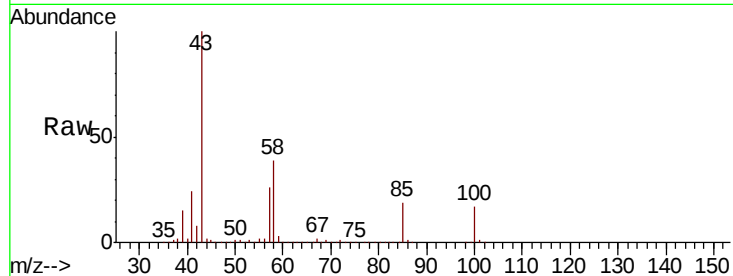




#51
 4-Methyl-2-Pentanone
 Concen: 104.701 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VX011163.D
 Acq: 29 Jul 2019 23:12

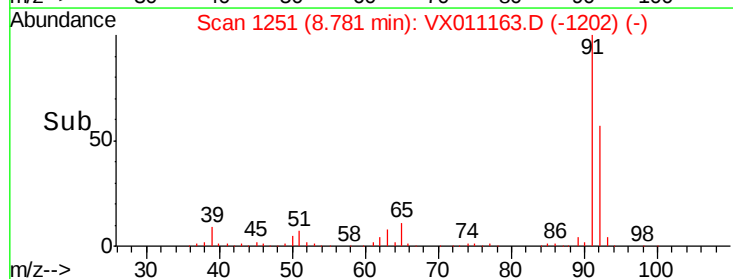
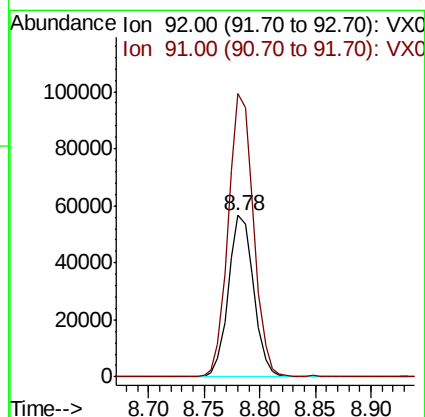
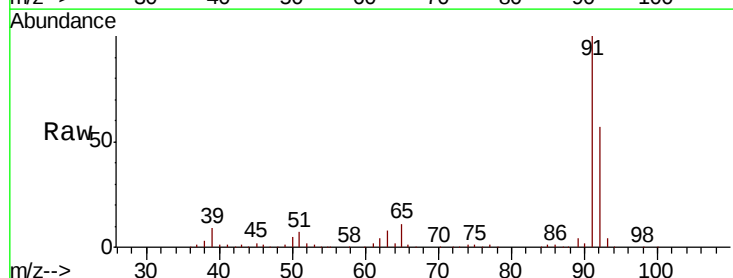
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0729WBS02

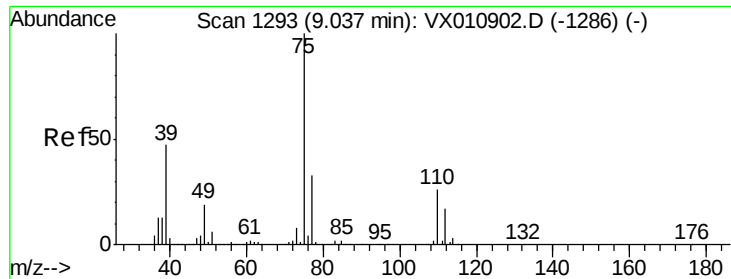
Tot Ion: 43 Resp: 260746
 Ion Ratio Lower Upper
 43 100
 58 39.7 32.2 48.4



#52
 Toluene
 Concen: 19.358 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: VX011163.D
 Acq: 29 Jul 2019 23:12

Tgt Ion: 92 Resp: 88885
 Ion Ratio Lower Upper
 92 100
 91 175.4 139.4 209.0





#53

t-1,3-Dichloropropene

Concen: 18.211 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VX011163.D

Acq: 29 Jul 2019 23:12

Instrument :

MSVOA_X

ClientSampleId :

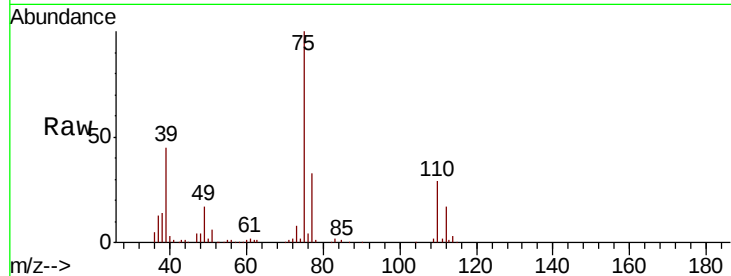
VX0729WBS02

Tot Ion: 75 Resp: 44308

Ion Ratio Lower Upper

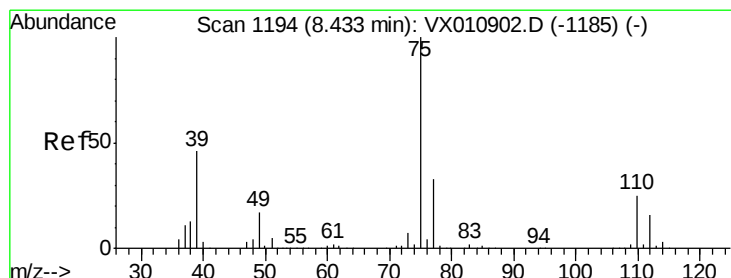
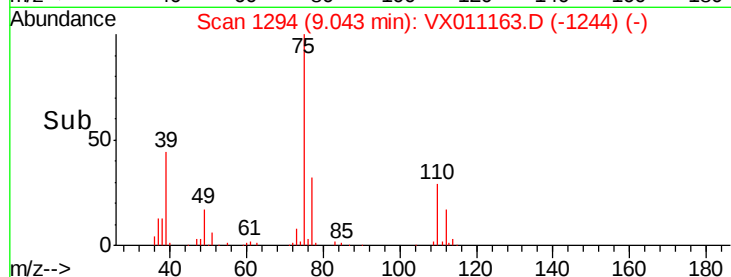
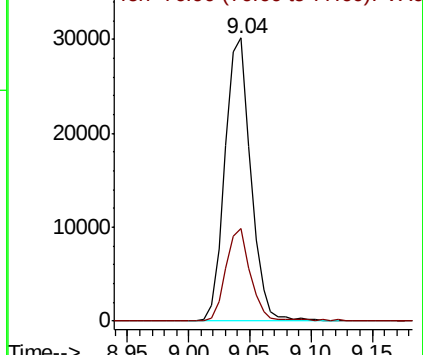
75 100

77 32.6 26.2 39.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 18.907 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX011163.D

Acq: 29 Jul 2019 23:12

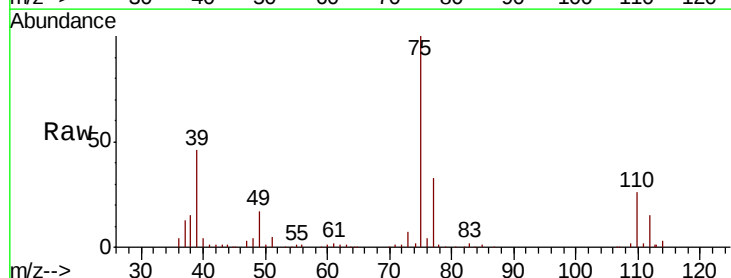
Tgt Ion: 75 Resp: 51188

Ion Ratio Lower Upper

75 100

77 33.0 26.1 39.1

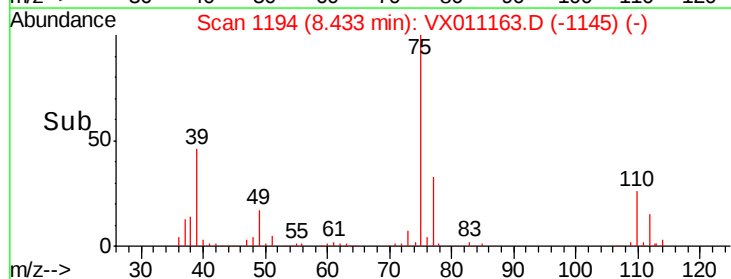
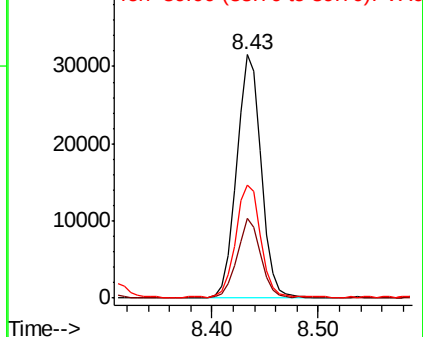
39 46.2 36.6 54.8

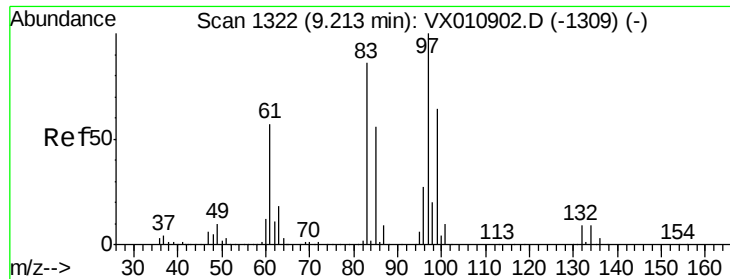


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

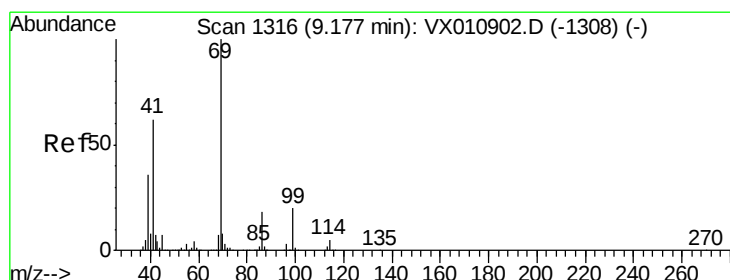
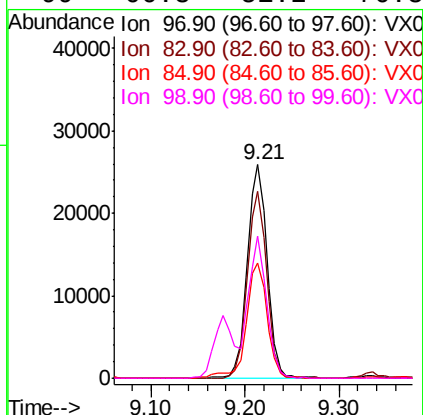
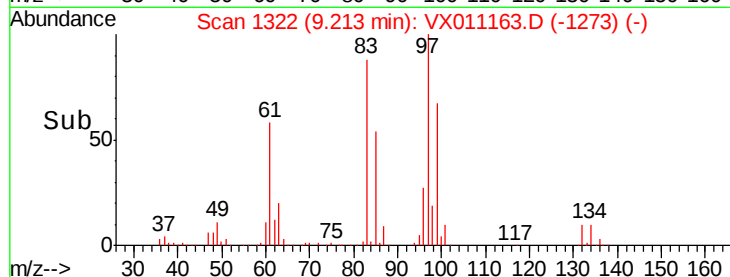
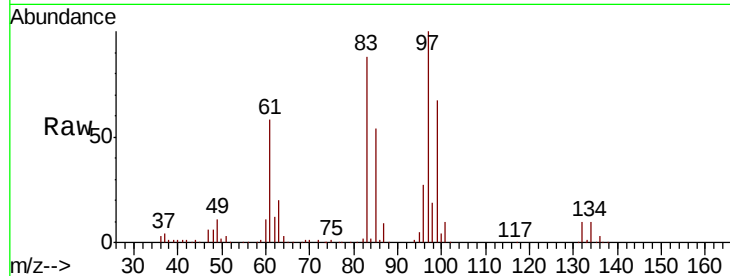




#55
 1,1,2-Trichloroethane
 Concen: 20.227 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX011163.D
 Acq: 29 Jul 2019 23:12

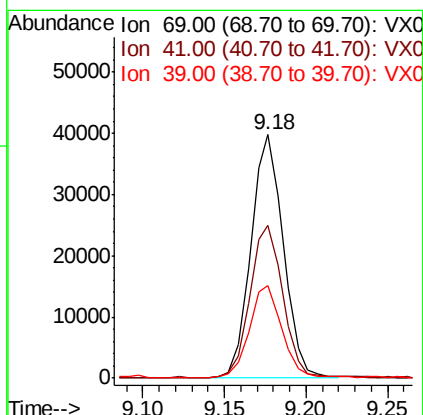
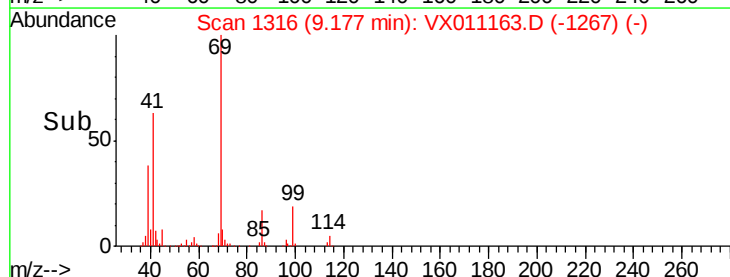
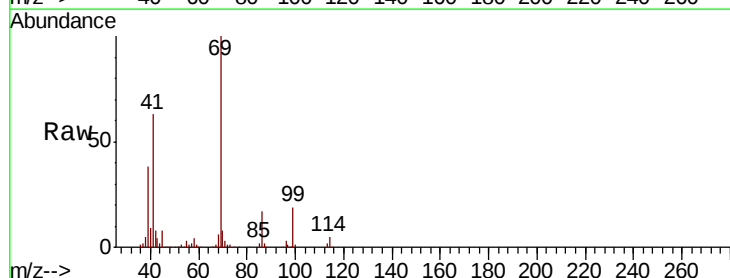
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0729WBS02

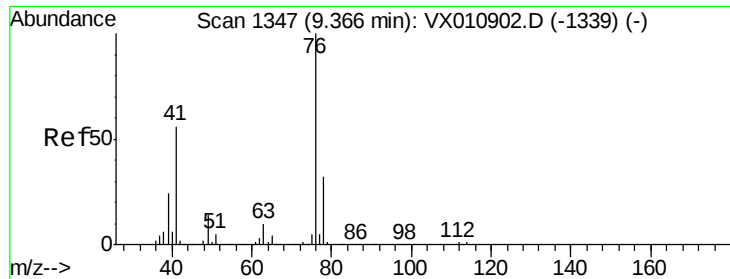
Tot Ion:	97	Resp:	38240
Ion	Ratio	Lower	Upper
97	100		
83	87.8	69.2	103.8
85	53.8	44.6	66.8
99	66.8	51.2	76.8



#56
 Ethyl methacrylate
 Concen: 19.919 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX011163.D
 Acq: 29 Jul 2019 23:12

Tgt Ion:	69	Resp:	55085
Ion	Ratio	Lower	Upper
69	100		
41	63.2	49.7	74.5
39	37.7	29.6	44.4

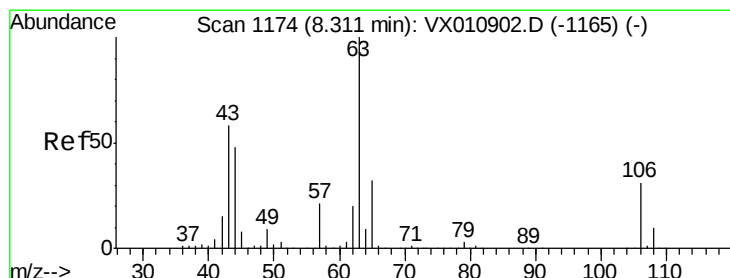
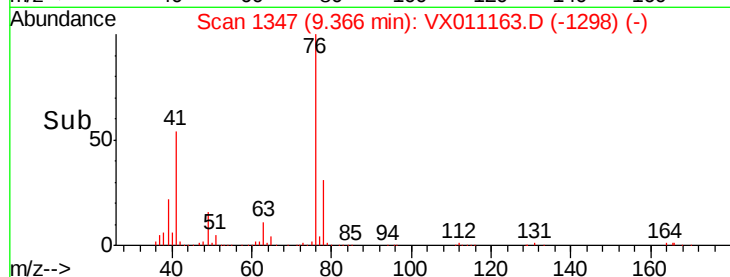
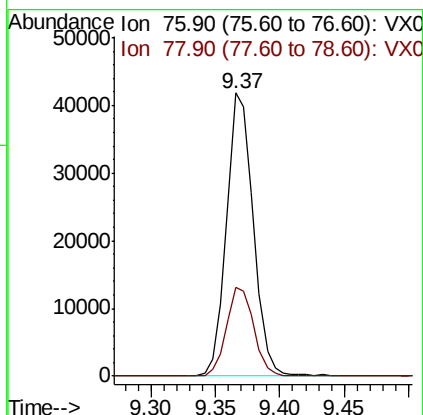
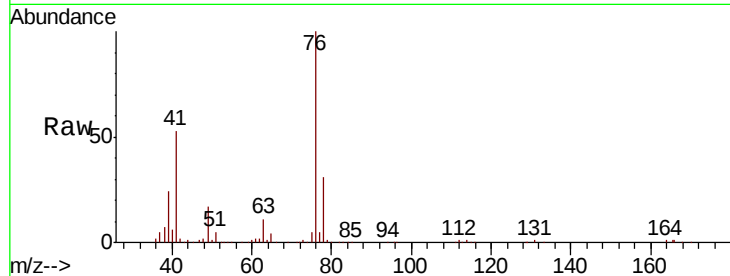




#57
 1,3-Dichloropropane
 Concen: 20.368 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: VX011163.D
 Acq: 29 Jul 2019 23:12

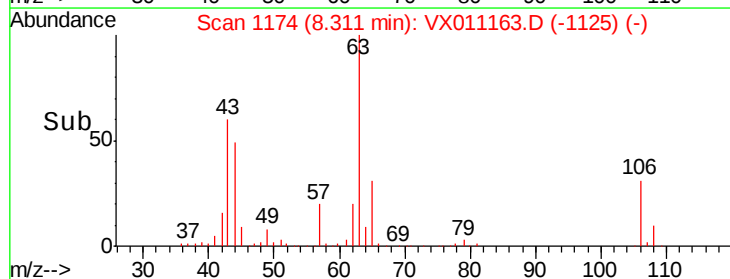
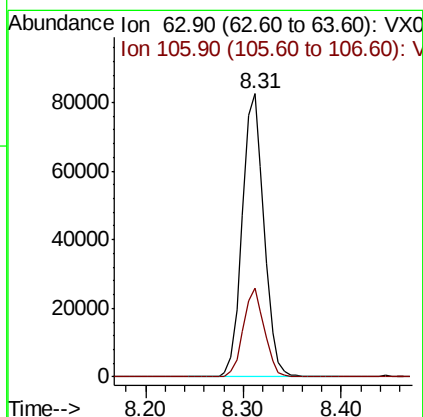
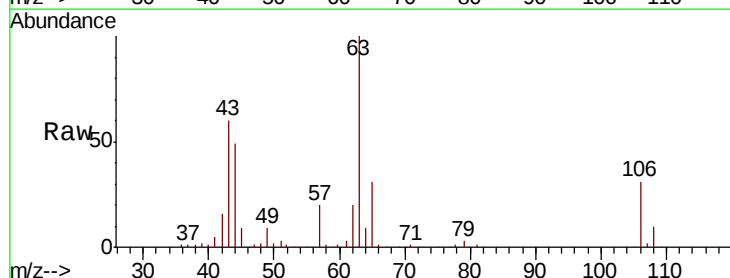
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0729WBS02

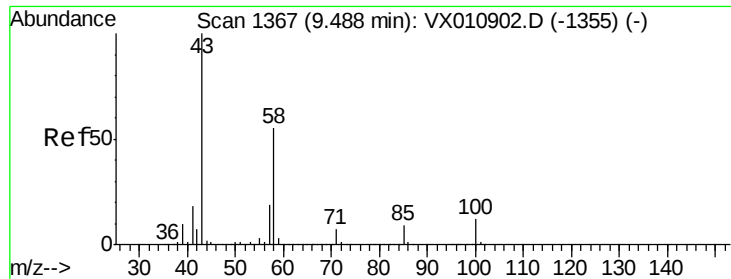
Tot Ion: 76 Resp: 61086
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 96.452 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX011163.D
 Acq: 29 Jul 2019 23:12

Tgt Ion: 63 Resp: 127326
 Ion Ratio Lower Upper
 63 100
 106 30.4 24.0 36.0

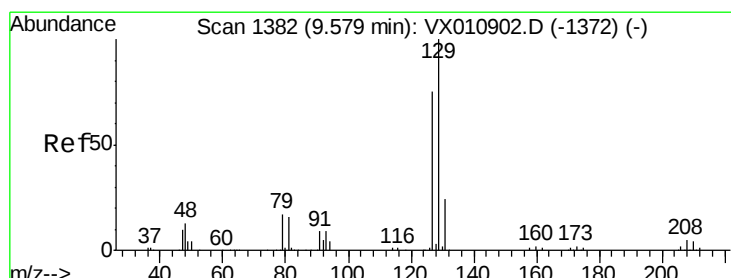
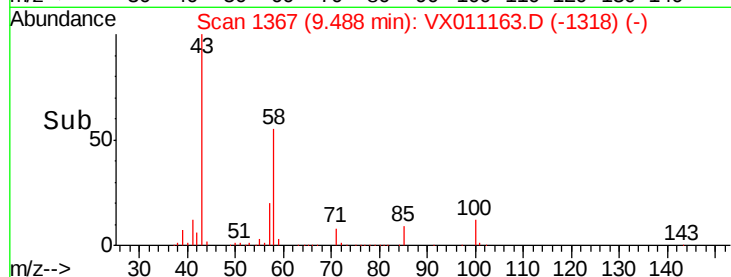
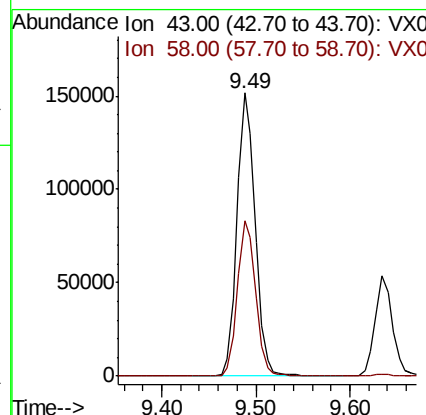
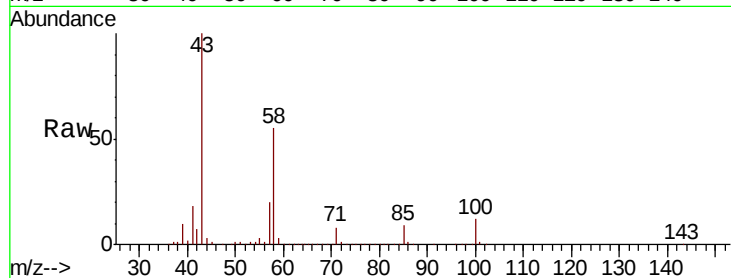




#59
2-Hexanone
Concen: 105.202 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX011163.D
Acq: 29 Jul 2019 23:12

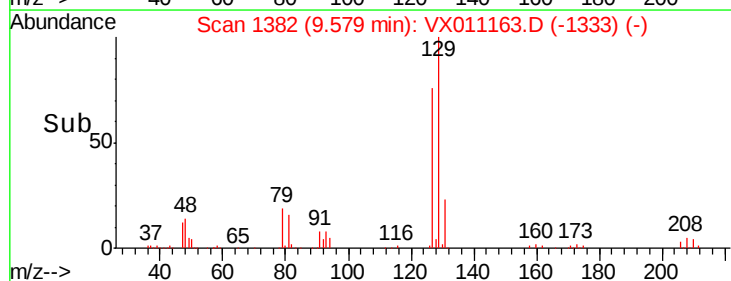
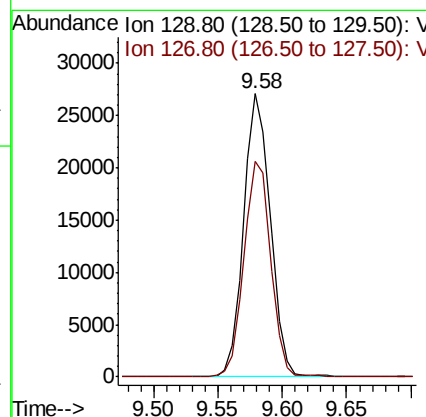
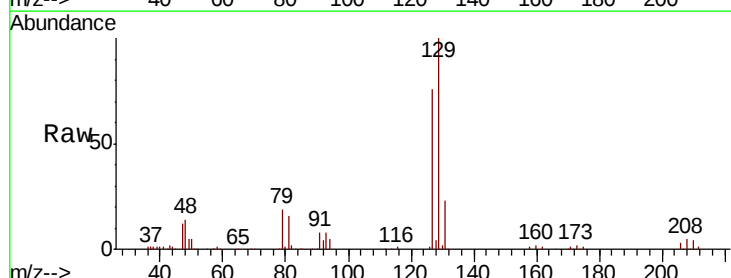
Instrument :
MSVOA_X
ClientSampleId :
VX0729WBS02

Tot Ion: 43 Resp: 203207
Ion Ratio Lower Upper
43 100
58 55.1 28.0 83.9



#60
Dibromochloromethane
Concen: 19.416 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011163.D
Acq: 29 Jul 2019 23:12

Tgt Ion: 129 Resp: 38702
Ion Ratio Lower Upper
129 100
127 76.5 38.6 115.8





#61

1,2-Dibromoethane

Concen: 20.501 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX011163.D

Acq: 29 Jul 2019 23:12

Instrument :

MSVOA_X

ClientSampleId :

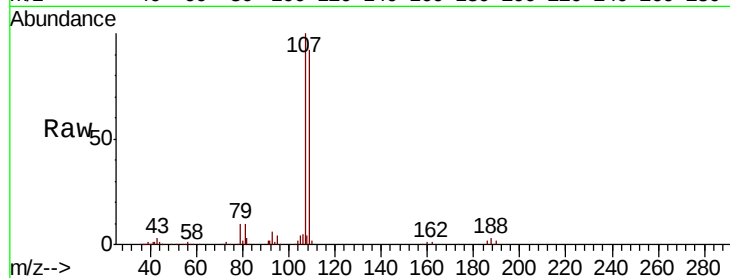
VX0729WBS02

Tot Ion:107 Resp: 41133

Ion Ratio Lower Upper

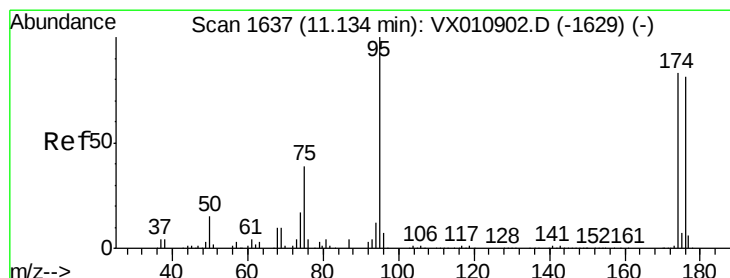
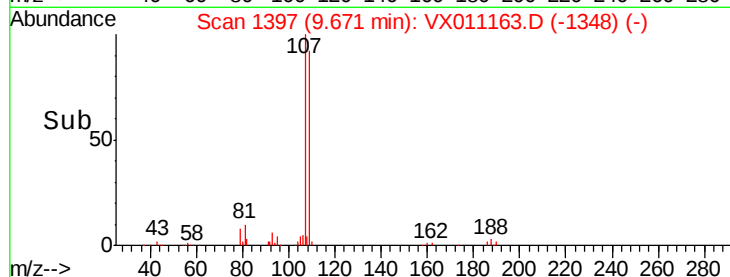
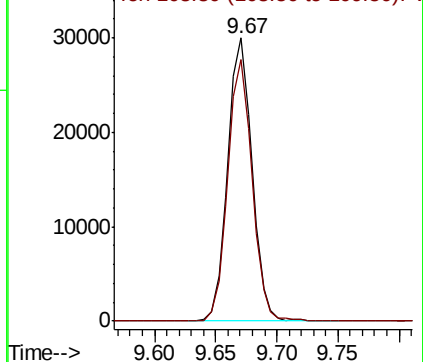
107 100

109 92.4 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: 51.504 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011163.D

Acq: 29 Jul 2019 23:12

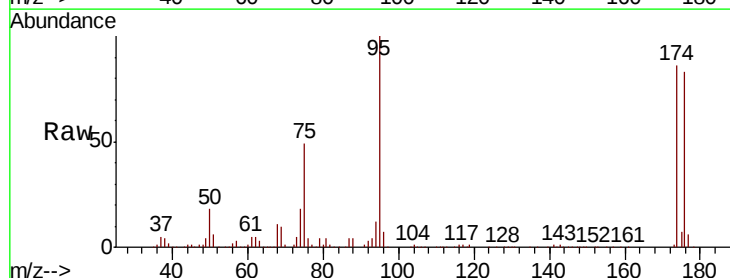
Tgt Ion: 95 Resp: 125191

Ion Ratio Lower Upper

95 100

174 90.3 0.0 180.6

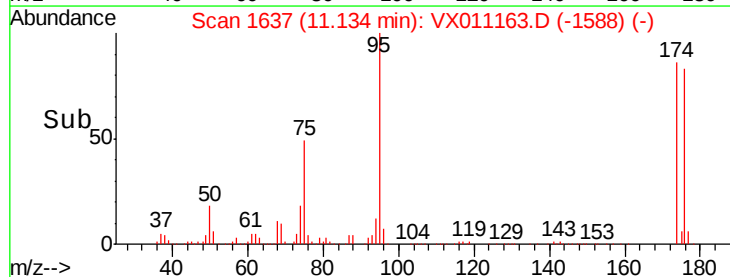
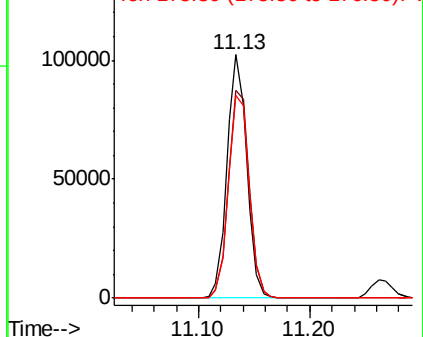
176 88.2 0.0 173.8



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

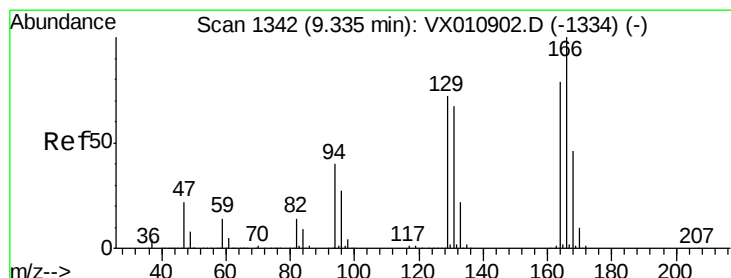
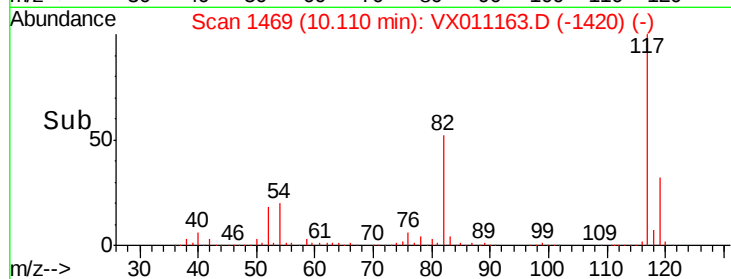
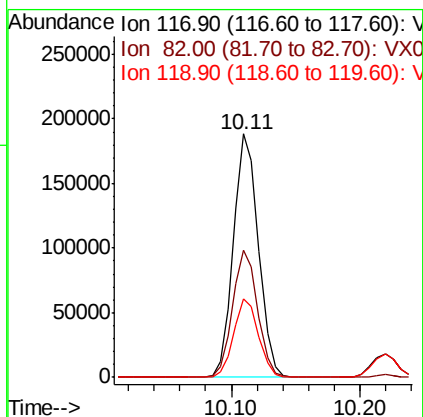
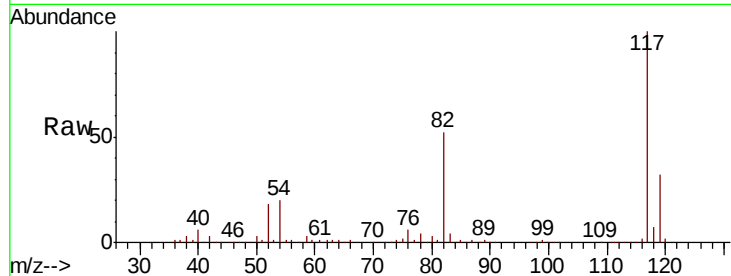




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011163.D
Acq: 29 Jul 2019 23:12

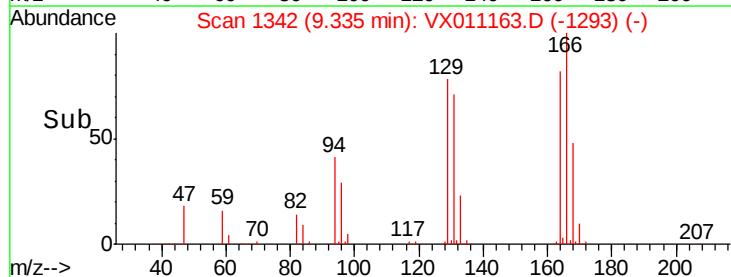
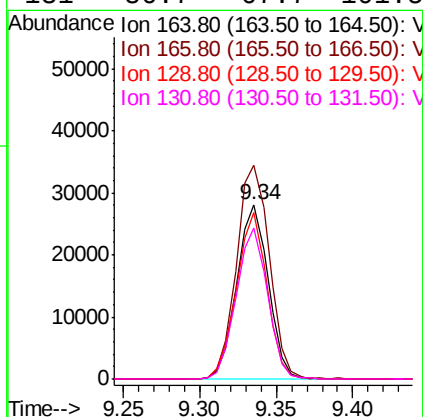
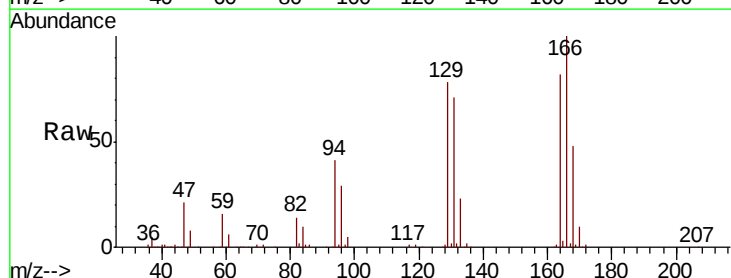
Instrument :
MSVOA_X
ClientSampled :
VX0729WBS02

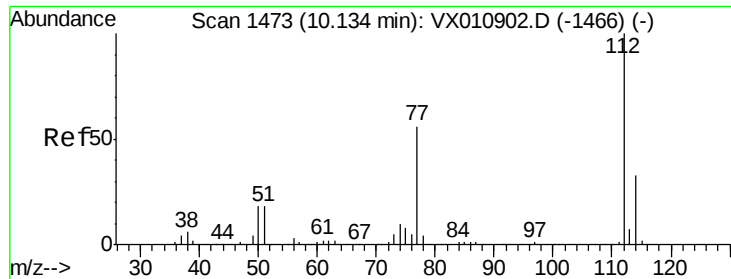
Tot Ion:117 Resp: 255240
Ion Ratio Lower Upper
117 100
82 52.3 42.6 63.8
119 32.4 25.9 38.9



#64
Tetrachloroethene
Concen: 19.923 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX011163.D
Acq: 29 Jul 2019 23:12

Tgt Ion:164 Resp: 40004
Ion Ratio Lower Upper
164 100
166 122.5 100.8 151.2
129 95.4 72.6 109.0
131 86.7 67.7 101.5

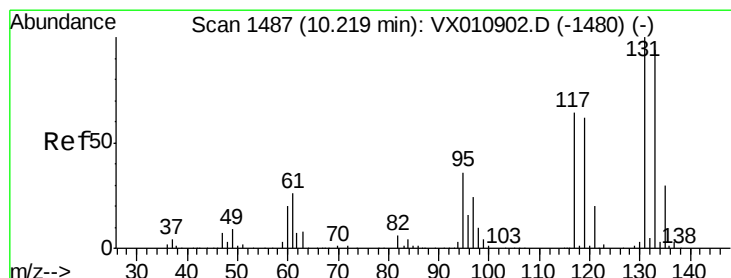
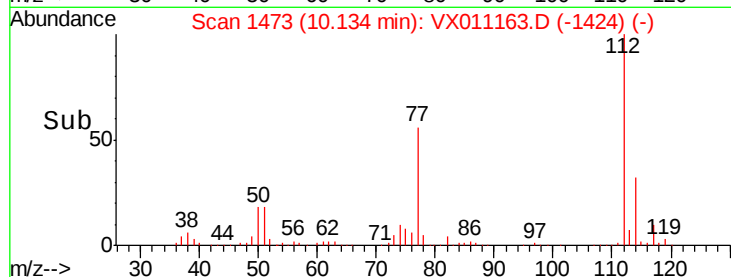
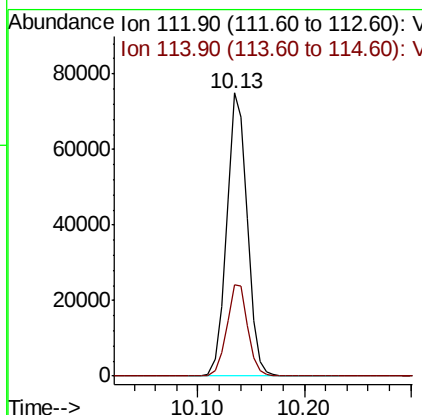
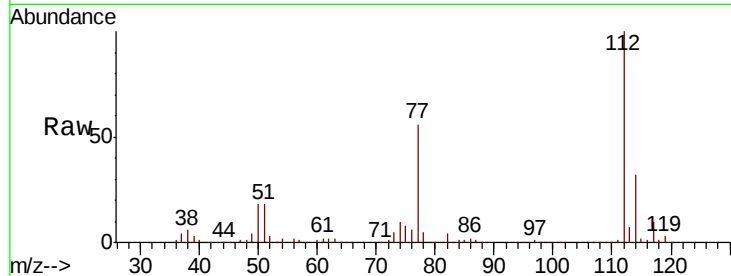




#65
Chlorobenzene
Concen: 19.343 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX011163.D
Acq: 29 Jul 2019 23:12

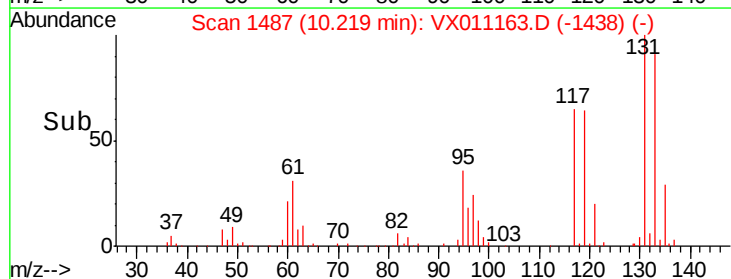
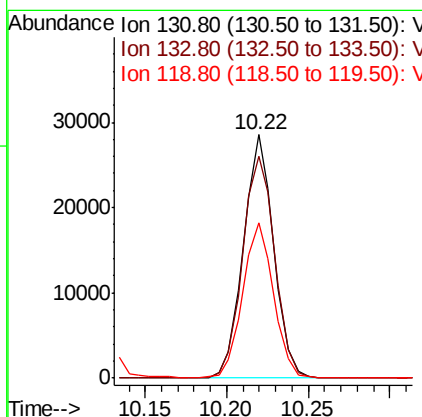
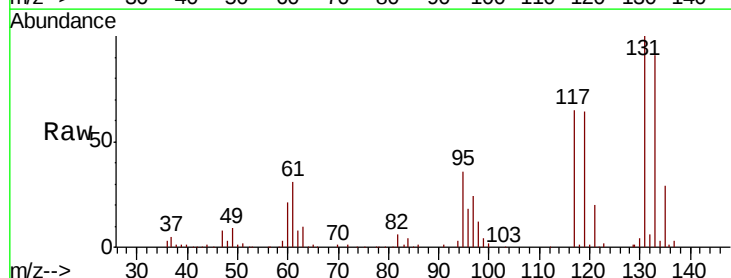
Instrument :
MSVOA_X
ClientSampleId :
VX0729WBS02

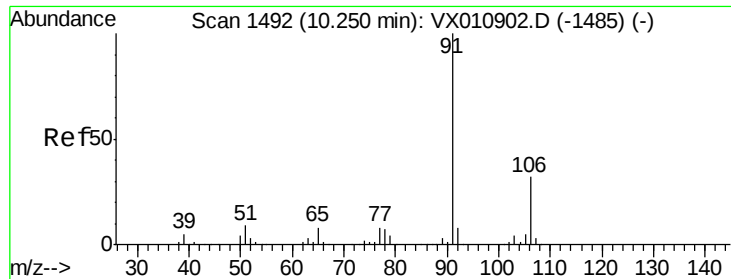
Tot Ion:112 Resp: 101405
Ion Ratio Lower Upper
112 100
114 32.4 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.041 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX011163.D
Acq: 29 Jul 2019 23:12

Tgt Ion:131 Resp: 36925
Ion Ratio Lower Upper
131 100
133 96.6 47.1 141.4
119 65.6 31.9 95.7

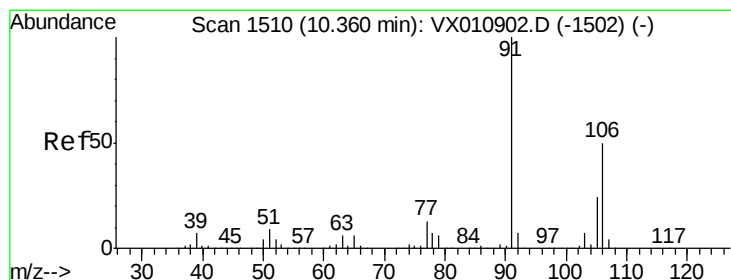
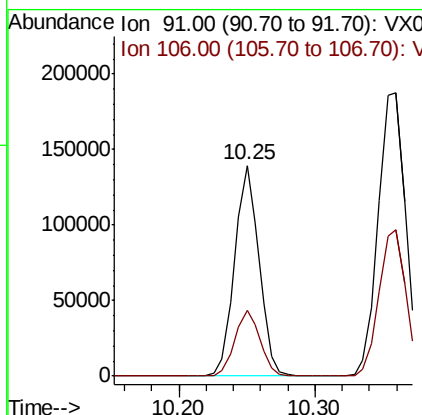
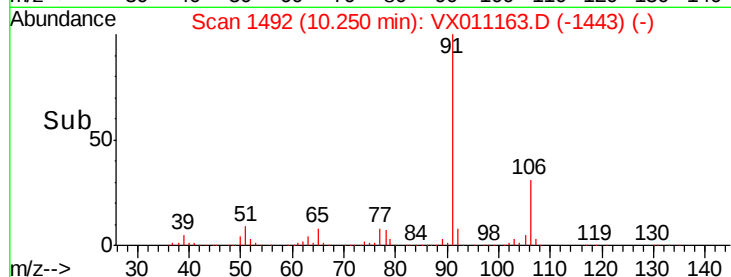
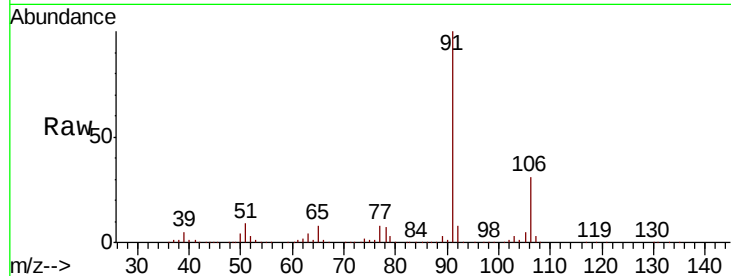




#67
Ethyl Benzene
Concen: 19.501 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX011163.D
Acq: 29 Jul 2019 23:12

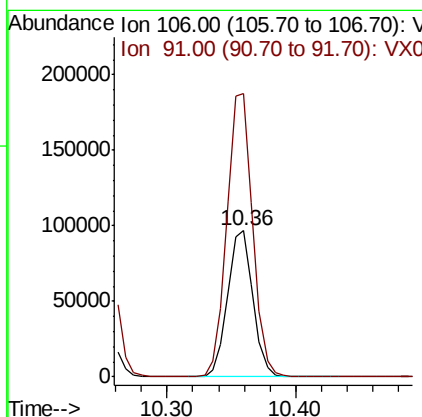
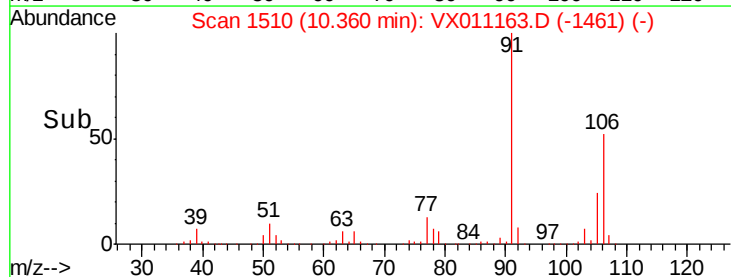
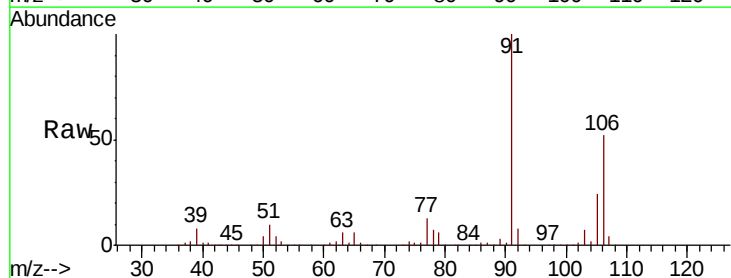
Instrument :
MSVOA_X
ClientSampleId :
VX0729WBS02

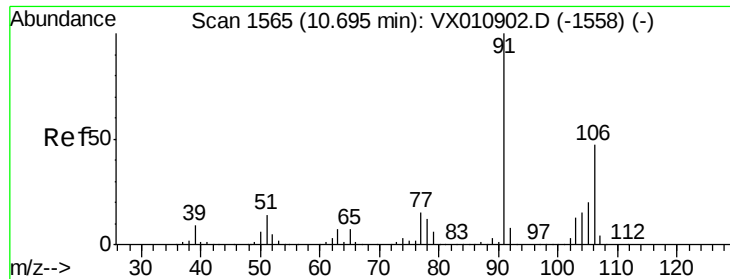
Tot Ion: 91 Resp: 174010
Ion Ratio Lower Upper
91 100
106 31.3 25.4 38.2



#68
m/p-Xylenes
Concen: 39.054 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX011163.D
Acq: 29 Jul 2019 23:12

Tgt Ion: 106 Resp: 133678
Ion Ratio Lower Upper
106 100
91 196.7 160.1 240.1

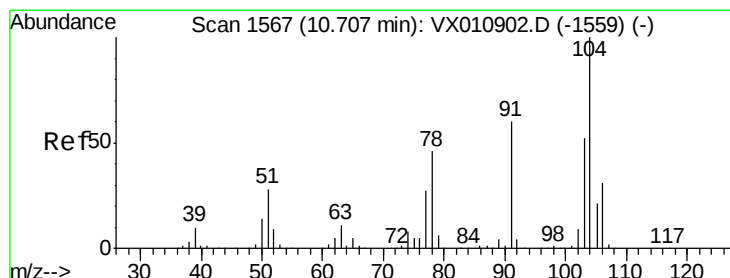
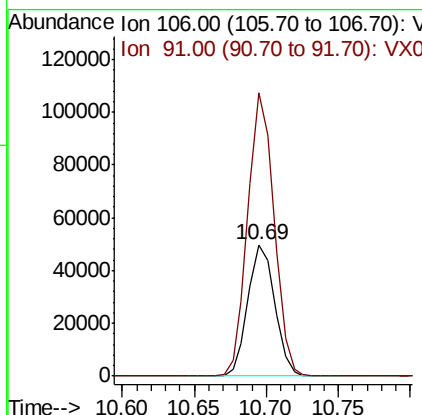
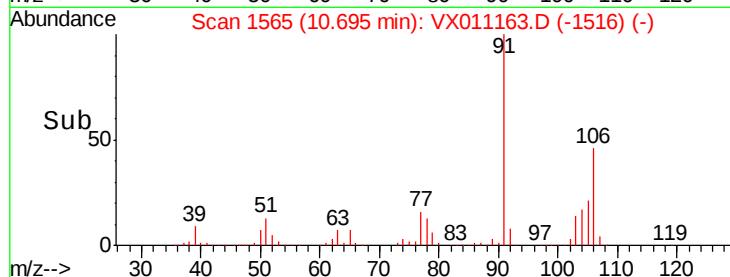
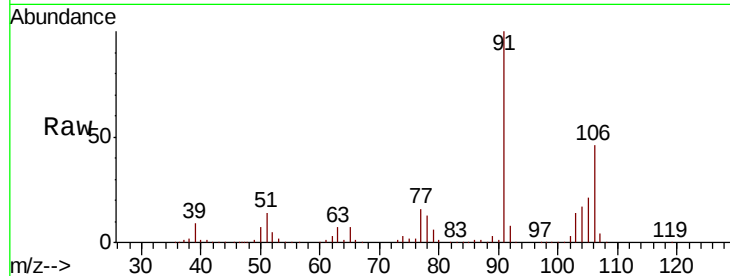




#69
o-Xylene
Concen: 19.292 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011163.D
Acq: 29 Jul 2019 23:12

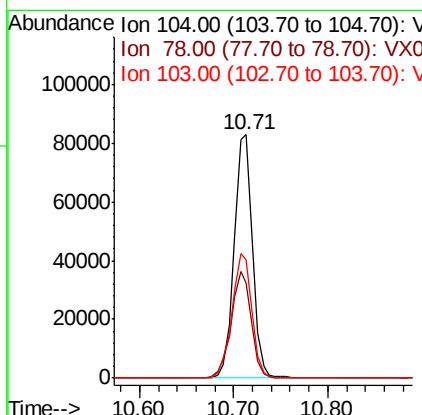
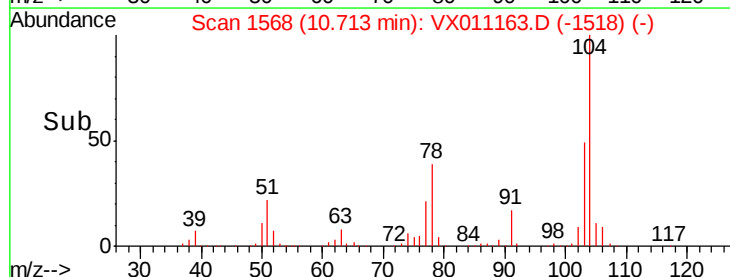
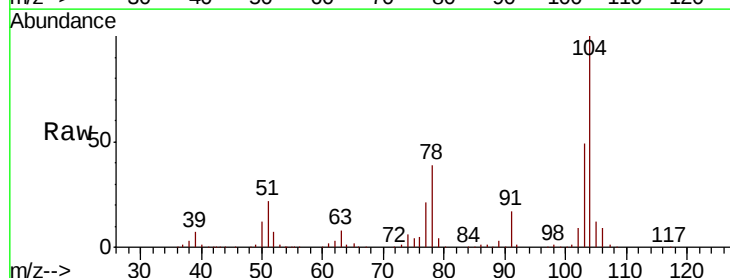
Instrument :
MSVOA_X
ClientSampleId :
VX0729WBS02

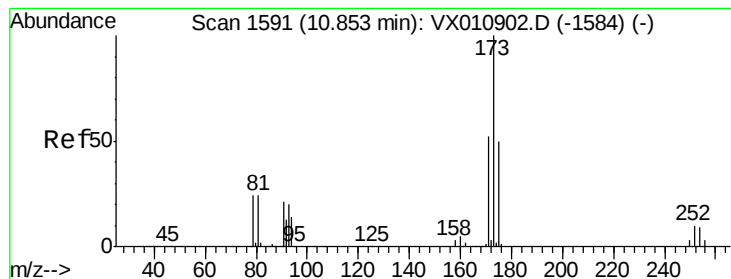
Tot Ion:106 Resp: 64446
Ion Ratio Lower Upper
106 100
91 211.5 105.1 315.3



#70
Styrene
Concen: 19.996 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VX011163.D
Acq: 29 Jul 2019 23:12

Tgt Ion:104 Resp: 111351
Ion Ratio Lower Upper
104 100
78 47.7 38.8 58.2
103 55.7 44.2 66.4





#71

Bromoform

Concen: 17.978 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011163.D

Acq: 29 Jul 2019 23:12

Instrument :

MSVOA_X

ClientSampleId :

VX0729WBS02

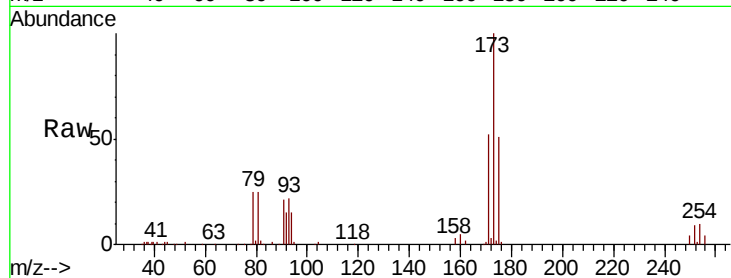
Tot Ion:173 Resp: 27274

Ion Ratio Lower Upper

173 100

175 49.1 24.6 73.6

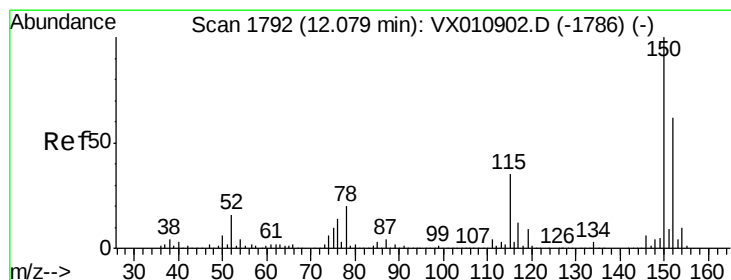
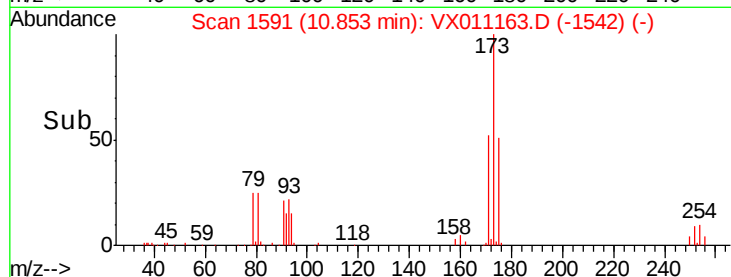
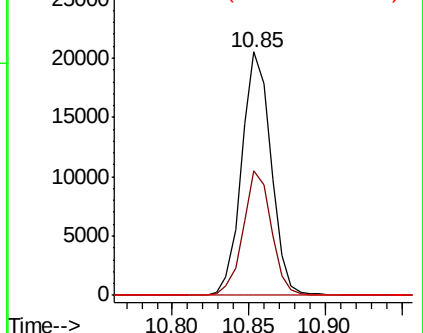
254 0.0 0.1 0.1#



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: VX011163.D

Acq: 29 Jul 2019 23:12

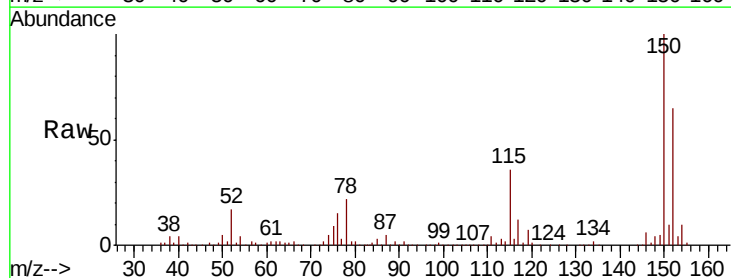
Tgt Ion:152 Resp: 132964

Ion Ratio Lower Upper

152 100

115 65.0 39.7 119.1

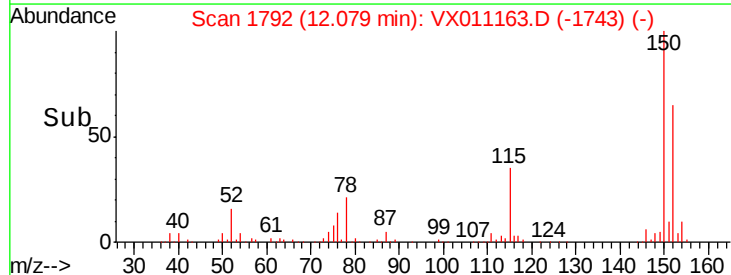
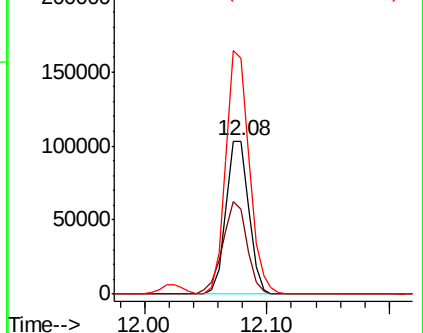
150 162.8 0.0 345.6

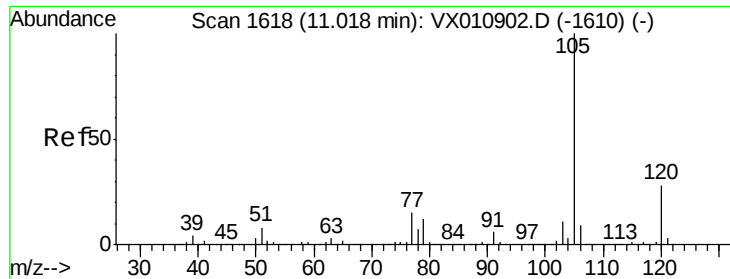


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.706 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011163.D

Acq: 29 Jul 2019 23:12

Instrument :

MSVOA_X

ClientSampleId :

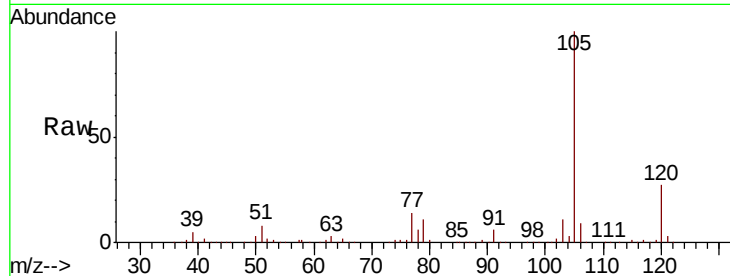
VX0729WBS02

Tot Ion:105 Resp: 177045

Ion Ratio Lower Upper

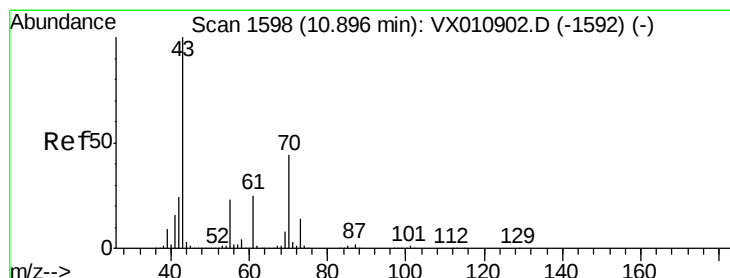
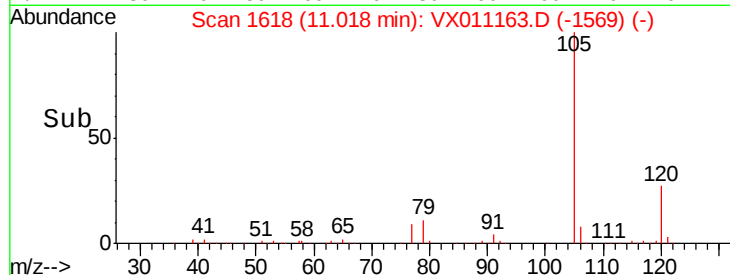
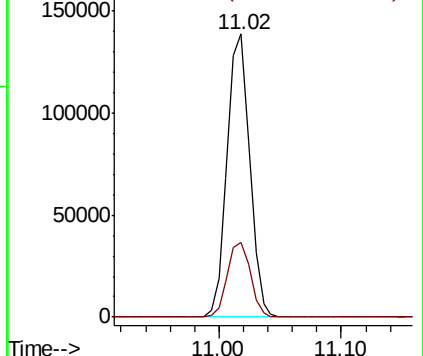
105 100

120 27.2 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.576 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX011163.D

Acq: 29 Jul 2019 23:12

Tgt Ion: 43 Resp: 67203

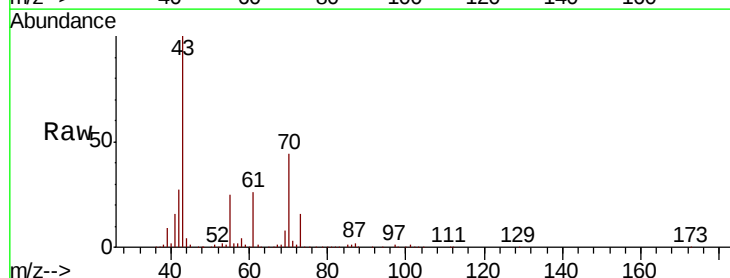
Ion Ratio Lower Upper

43 100

70 43.5 34.7 52.1

55 25.4 19.1 28.7

61 25.5 19.9 29.9

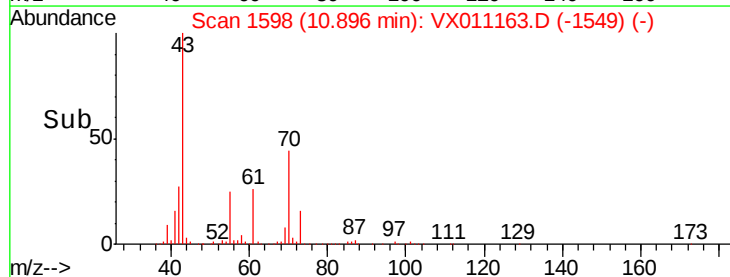
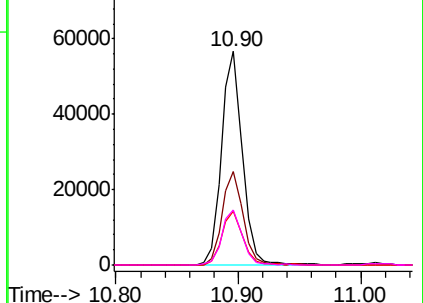


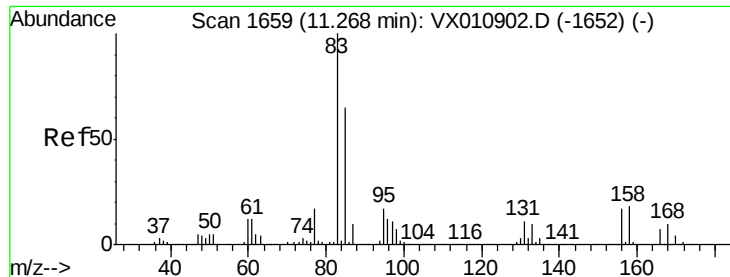
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 20.843 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX011163.D

Acq: 29 Jul 2019 23:12

Instrument :

MSVOA_X

ClientSampleId :

VX0729WBS02

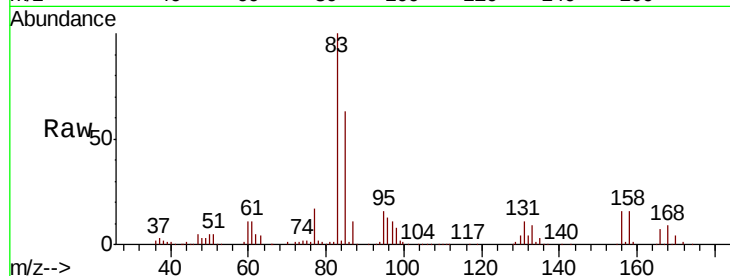
Tot Ion: 83 Resp: 61283

Ion Ratio Lower Upper

83 100

131 11.3 5.5 16.4

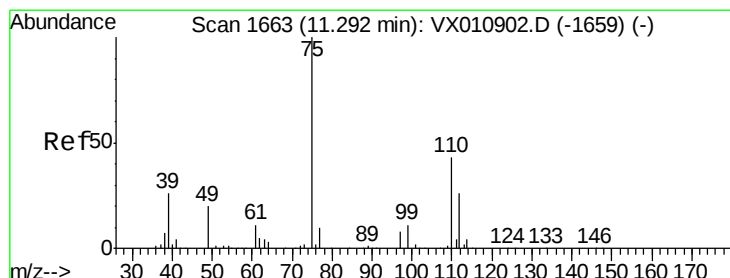
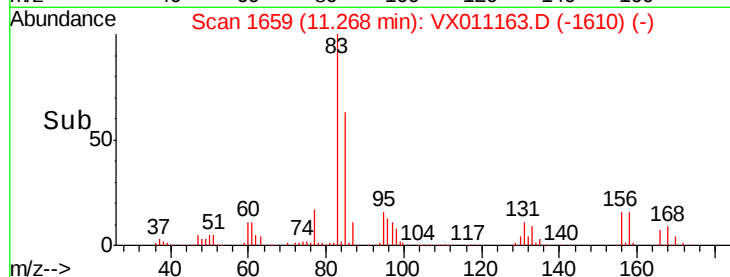
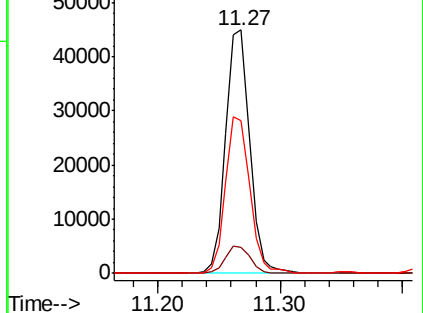
85 65.3 32.3 96.9



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: 25.681 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX011163.D

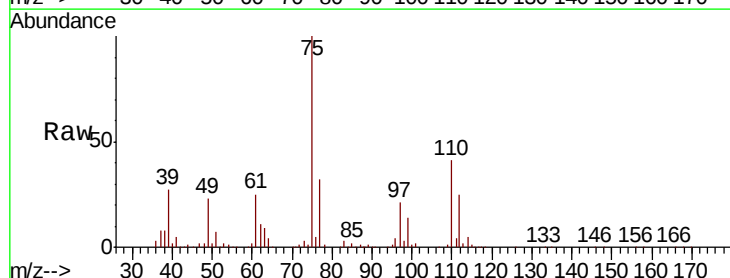
Acq: 29 Jul 2019 23:12

Tgt Ion: 75 Resp: 61618

Ion Ratio Lower Upper

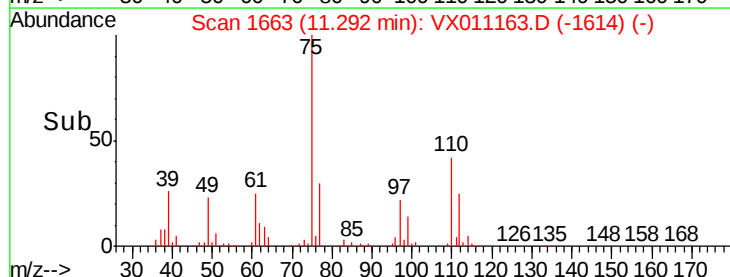
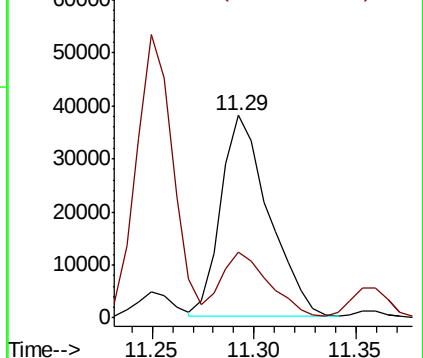
75 100

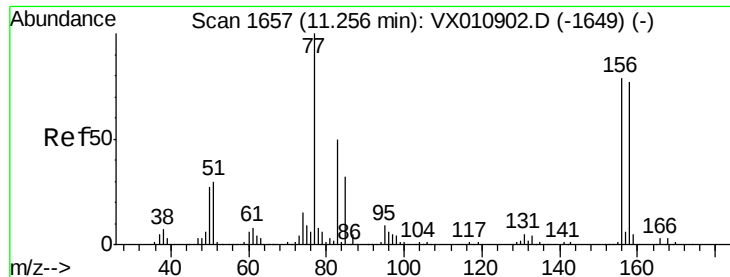
77 33.0 21.3 64.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.323 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX011163.D

Acq: 29 Jul 2019 23:12

Instrument :

MSVOA_X

ClientSampleId :

VX0729WBS02

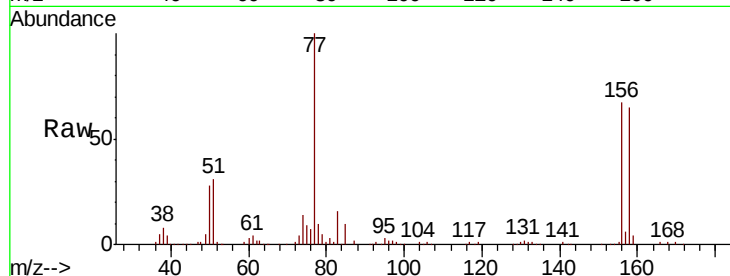
Tot Ion:156 Resp: 47887

Ion Ratio Lower Upper

156 100

77 139.3 68.7 206.1

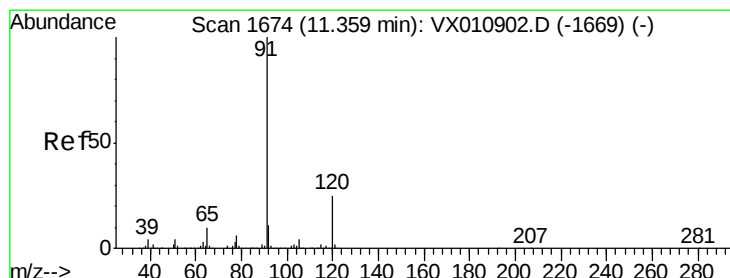
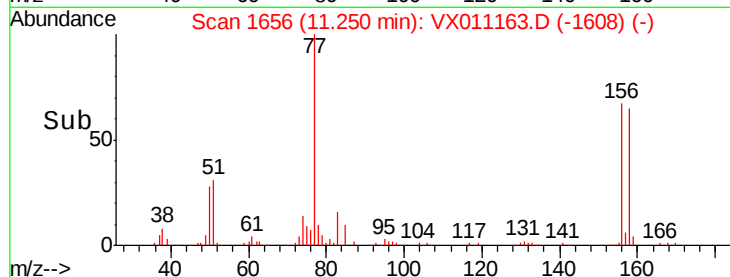
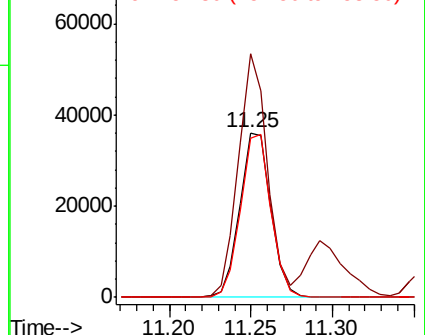
158 97.1 47.9 143.7



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: 19.474 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011163.D

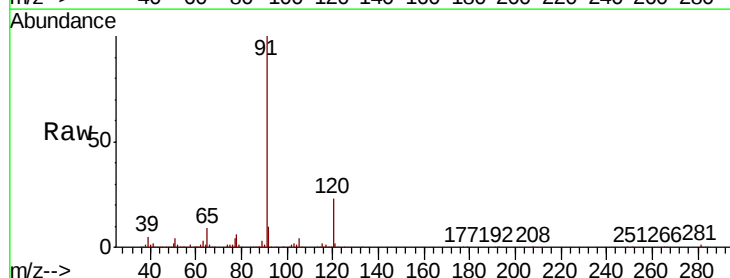
Acq: 29 Jul 2019 23:12

Tgt Ion: 91 Resp: 193314

Ion Ratio Lower Upper

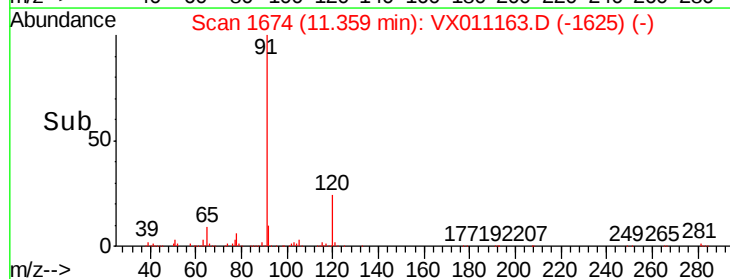
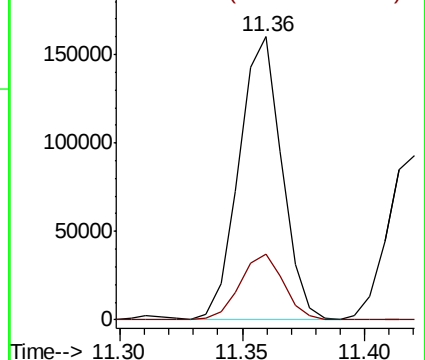
91 100

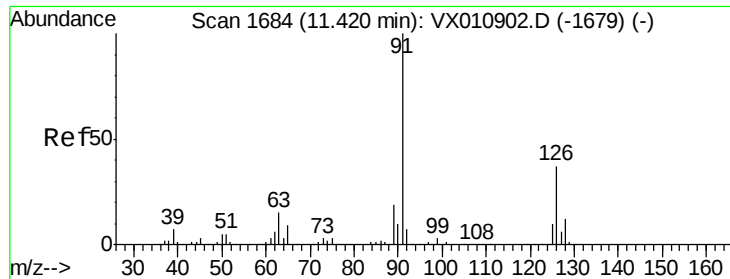
120 23.9 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

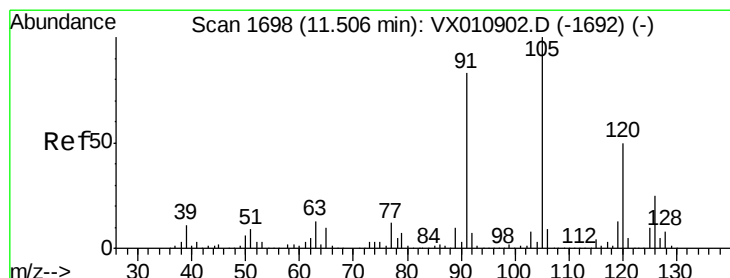
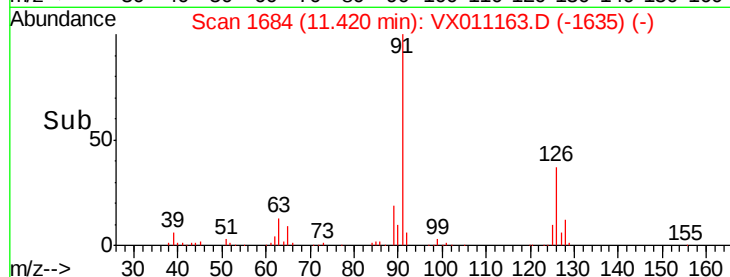
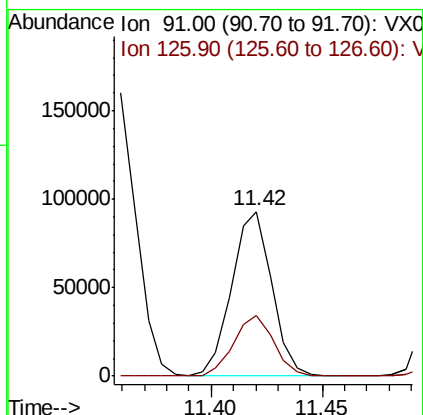
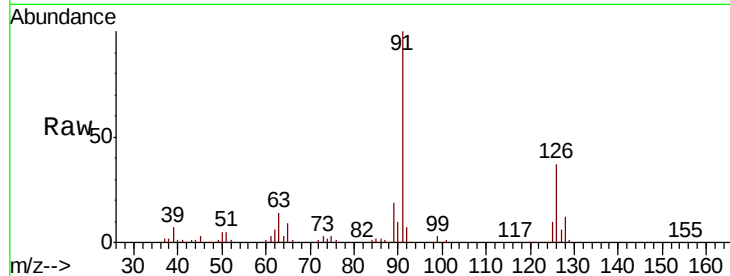




#79
2-Chlorotoluene
Concen: 19.481 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VX011163.D
Acq: 29 Jul 2019 23:12

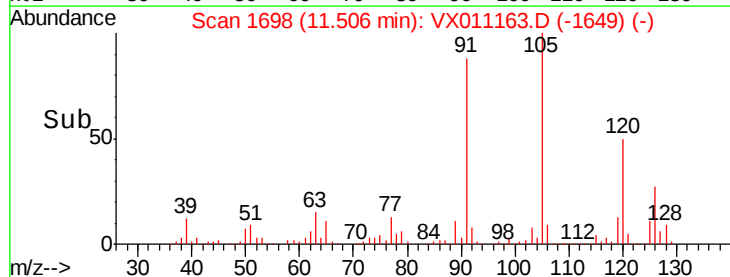
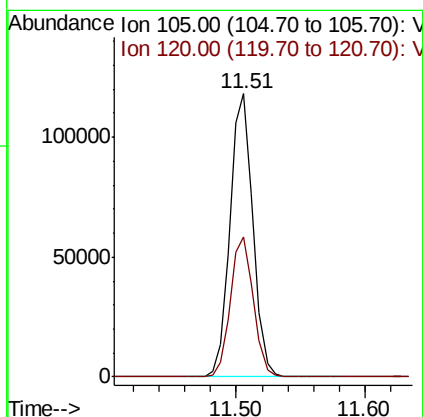
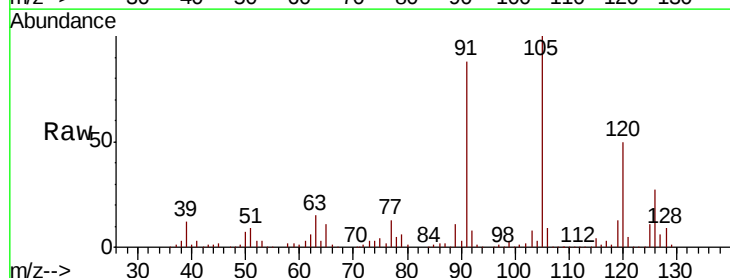
Instrument :
MSVOA_X
ClientSampleId :
VX0729WBS02

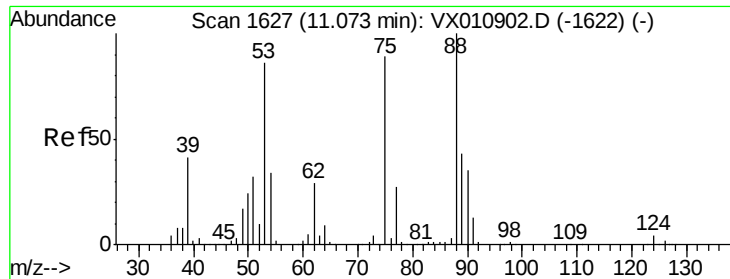
Tot Ion: 91 Resp: 116170
Ion Ratio Lower Upper
91 100
126 37.3 18.0 54.0



#80
1,3,5-Trimethylbenzene
Concen: 19.594 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX011163.D
Acq: 29 Jul 2019 23:12

Tgt Ion: 105 Resp: 147098
Ion Ratio Lower Upper
105 100
120 49.6 24.6 73.8





#81

trans-1,4-Dichloro-2-butene

Concen: 16.835 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX011163.D

Acq: 29 Jul 2019 23:12

Instrument :

MSVOA_X

ClientSampleId :

VX0729WBS02

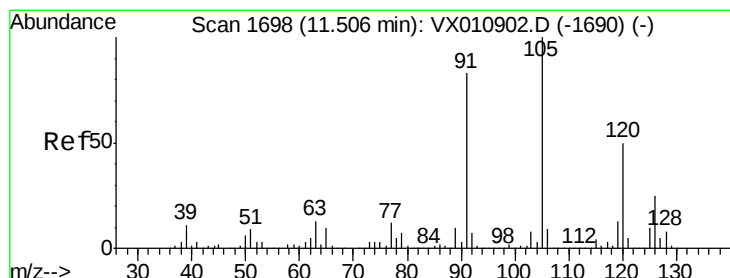
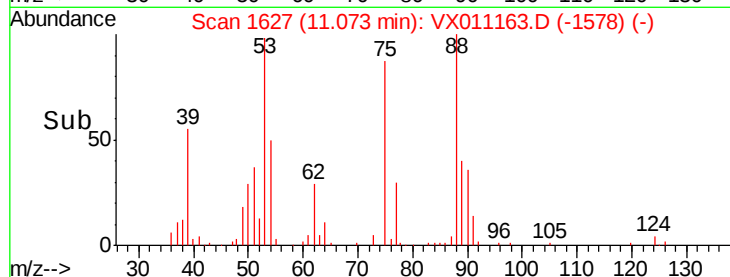
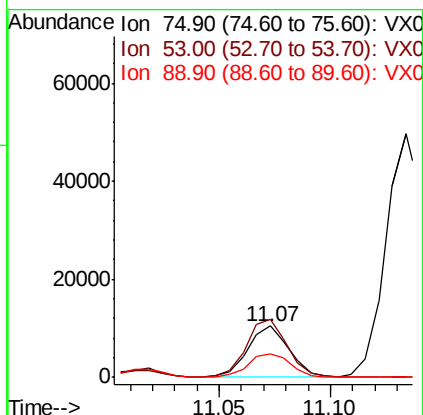
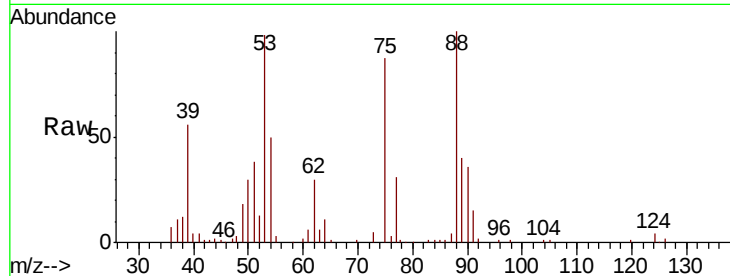
Tot Ion: 75 Resp: 13227

Ion Ratio Lower Upper

75 100

53 115.3 76.7 115.1#

89 47.9 38.5 57.7



#82

4-Chlorotoluene

Concen: 19.427 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011163.D

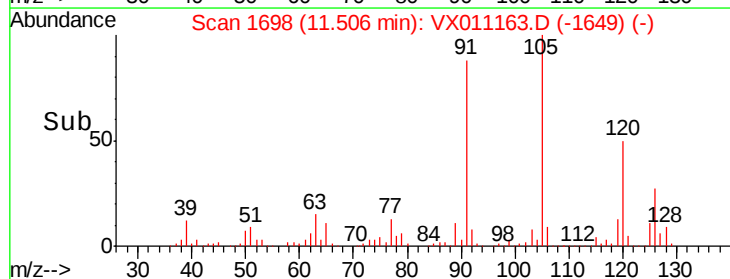
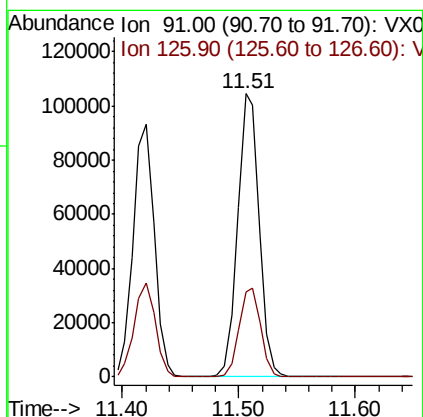
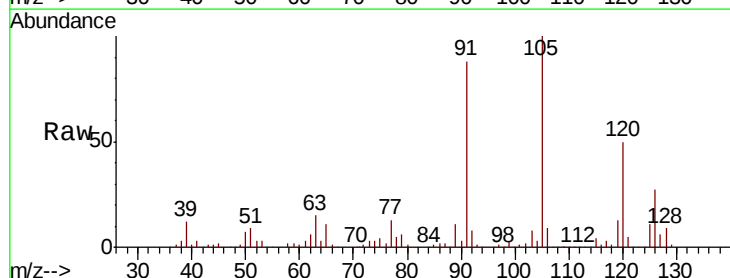
Acq: 29 Jul 2019 23:12

Tgt Ion: 91 Resp: 134835

Ion Ratio Lower Upper

91 100

126 31.5 15.9 47.7

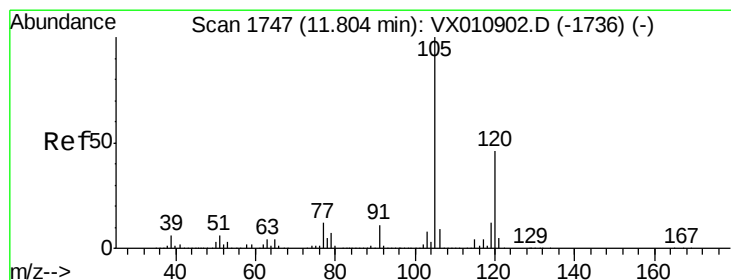
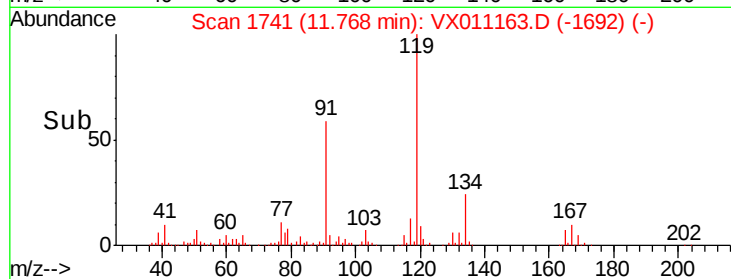
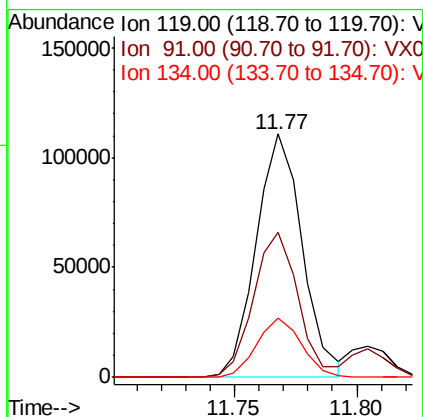
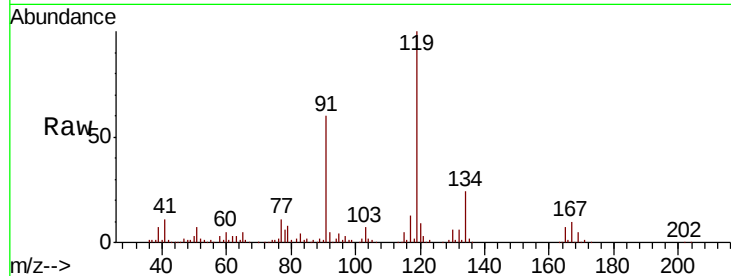




#83
 tert-Butylbenzene
 Concen: 19.829 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX011163.D
 Acq: 29 Jul 2019 23:12

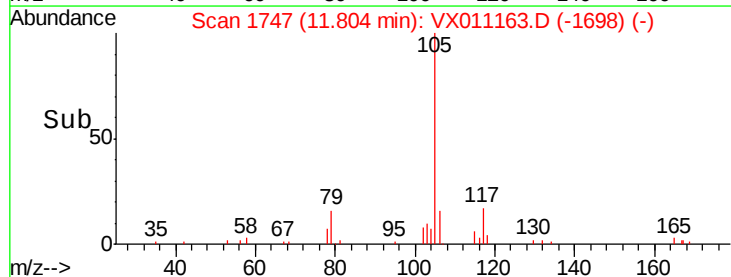
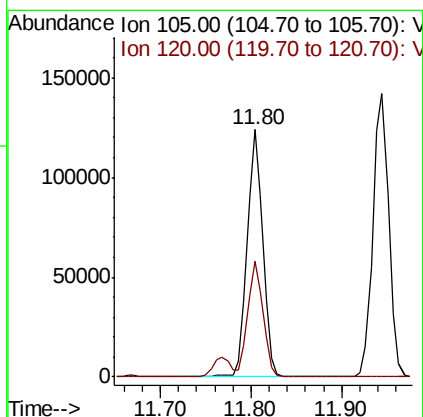
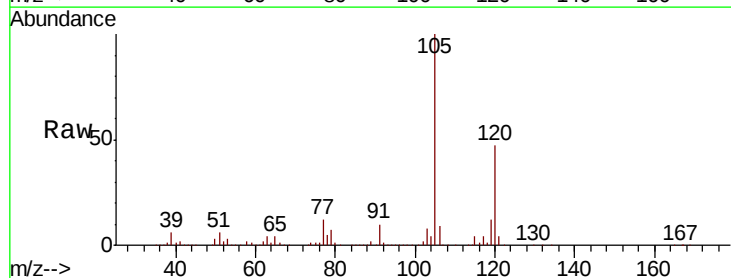
Instrument :
 MSVOA_X
 ClientSampled :
 VX0729WBS02

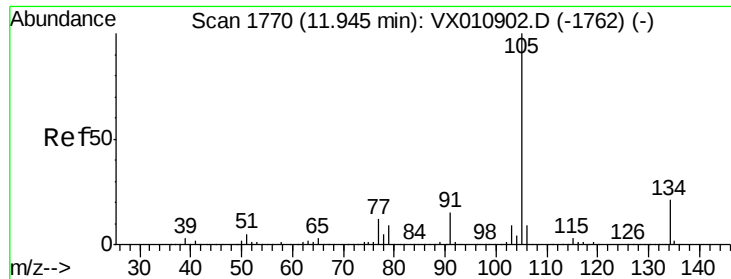
Tot Ion:119 Resp: 146220
 Ion Ratio Lower Upper
 119 100
 91 58.0 28.6 85.8
 134 23.6 11.6 34.8



#84
 1,2,4-Trimethylbenzene
 Concen: 19.633 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX011163.D
 Acq: 29 Jul 2019 23:12

Tgt Ion:105 Resp: 148556
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.9 68.5





#85

sec-Butylbenzene

Concen: 19.895 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011163.D

Acq: 29 Jul 2019 23:12

Instrument :

MSVOA_X

ClientSampleId :

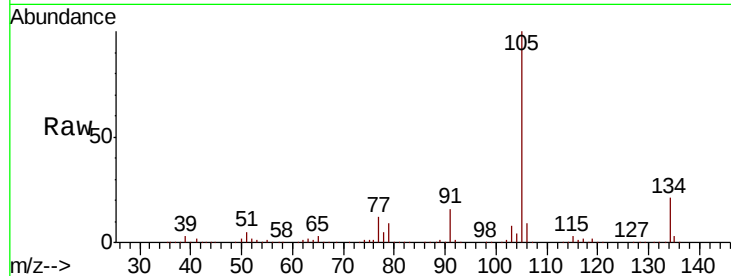
VX0729WBS02

Tot Ion:105 Resp: 171905

Ion Ratio Lower Upper

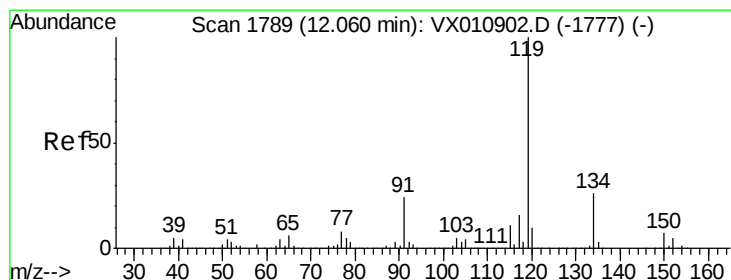
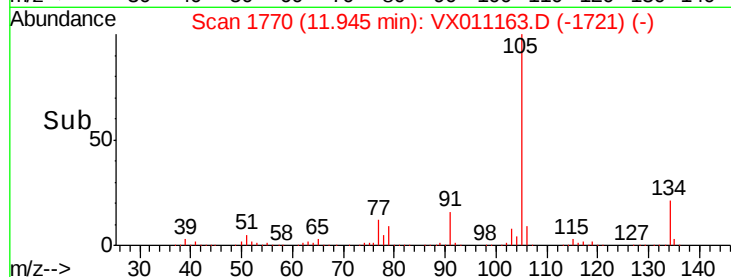
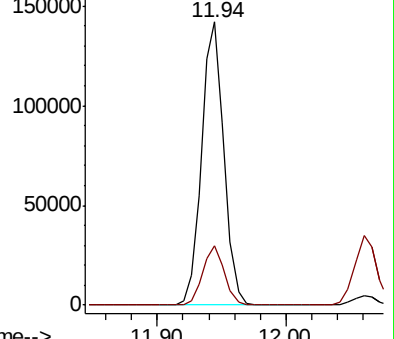
105 100

134 20.5 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.721 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX011163.D

Acq: 29 Jul 2019 23:12

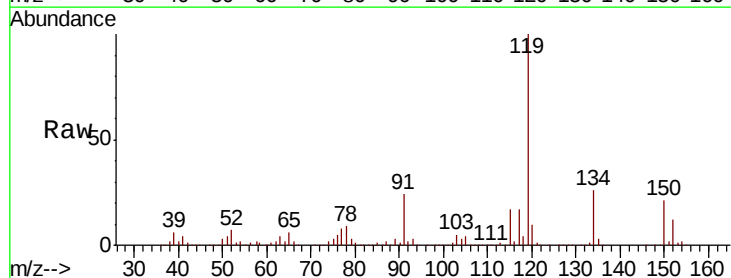
Tgt Ion:119 Resp: 157535

Ion Ratio Lower Upper

119 100

134 26.3 13.4 40.1

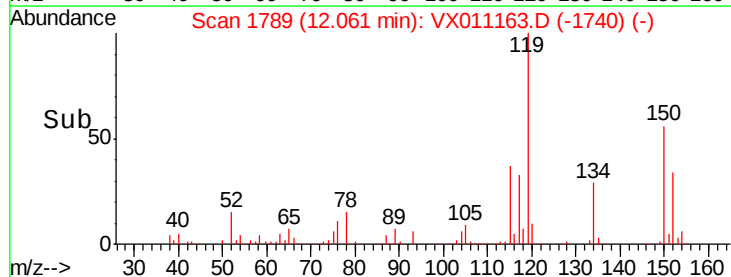
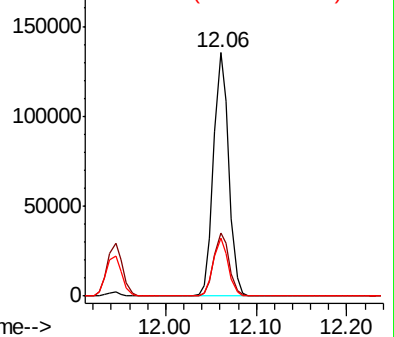
91 23.6 11.8 35.4

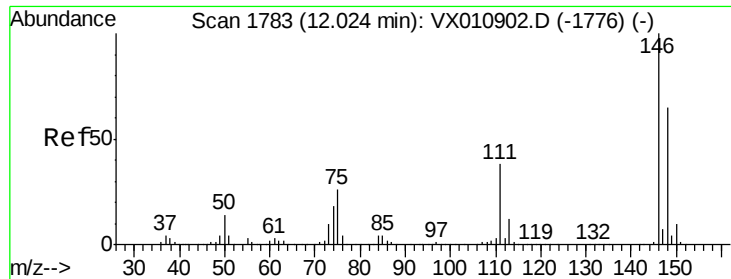


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 19.630 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX011163.D

Acq: 29 Jul 2019 23:12

Instrument :

MSVOA_X

ClientSampleId :

VX0729WBS02

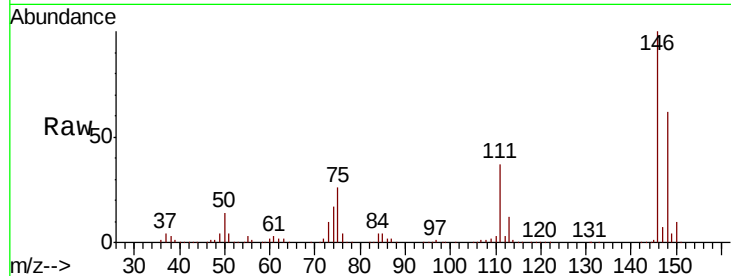
Tot Ion:146 Resp: 84425

Ion Ratio Lower Upper

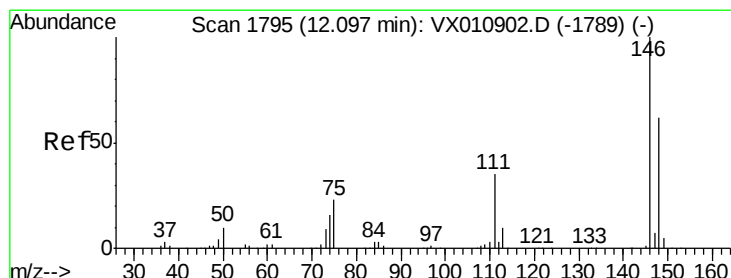
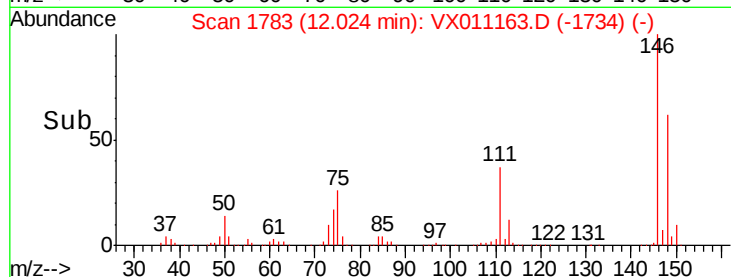
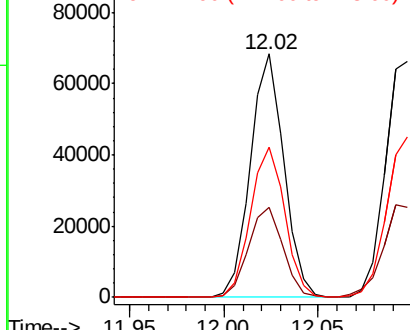
146 100

111 38.0 18.9 56.9

148 63.3 32.2 96.6



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



#88

1,4-Dichlorobenzene

Concen: 19.227 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX011163.D

Acq: 29 Jul 2019 23:12

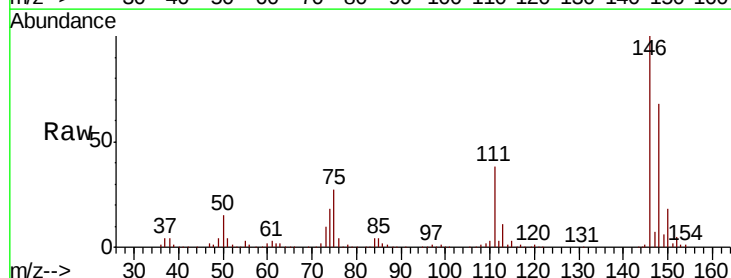
Tgt Ion:146 Resp: 84808

Ion Ratio Lower Upper

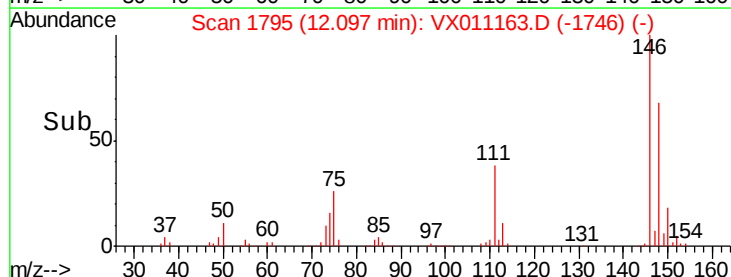
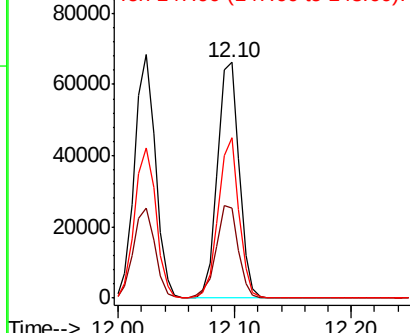
146 100

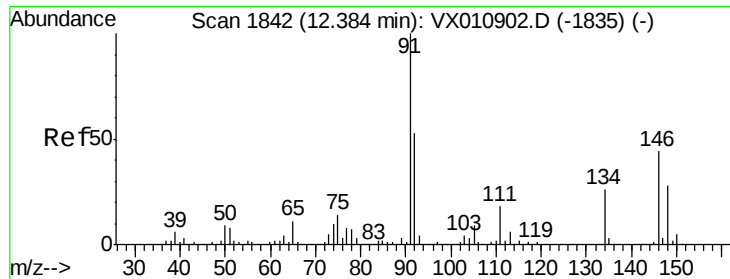
111 40.1 18.6 55.8

148 64.5 31.6 94.7



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





#89

n-Butylbenzene

Concen: 19.095 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX011163.D

Acq: 29 Jul 2019 23:12

Instrument :

MSVOA_X

ClientSampled :

VX0729WBS02

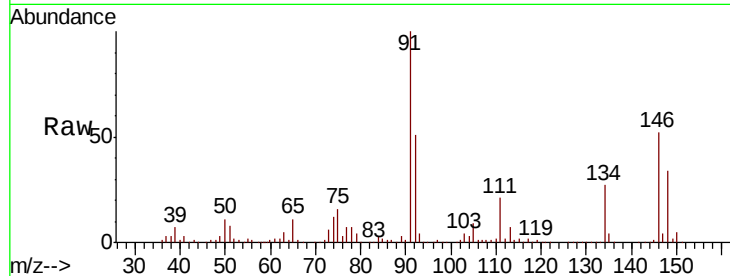
Tot Ion: 91 Resp: 130497

Ion Ratio Lower Upper

91 100

92 50.8 26.2 78.5

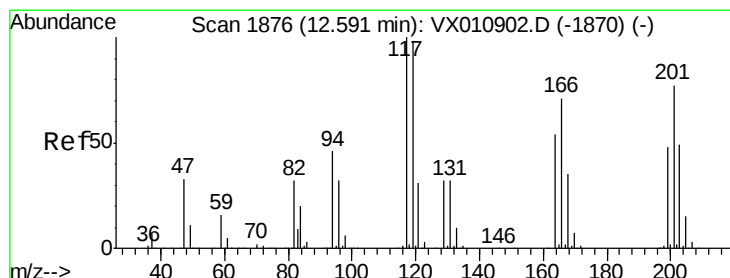
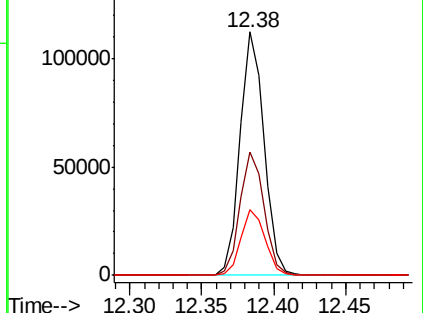
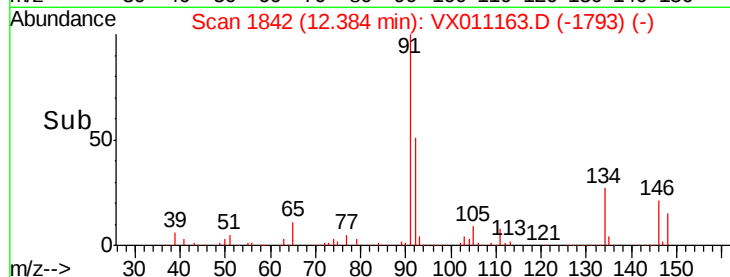
134 27.2 13.8 41.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 18.318 ug/l

RT: 12.59 min Scan# 1876

Delta R.T. 0.00 min

Lab File: VX011163.D

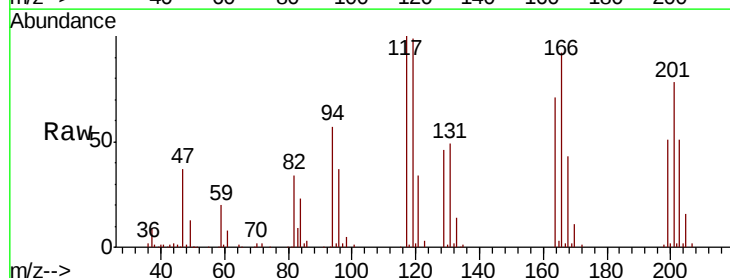
Acq: 29 Jul 2019 23:12

Tgt Ion: 117 Resp: 23080

Ion Ratio Lower Upper

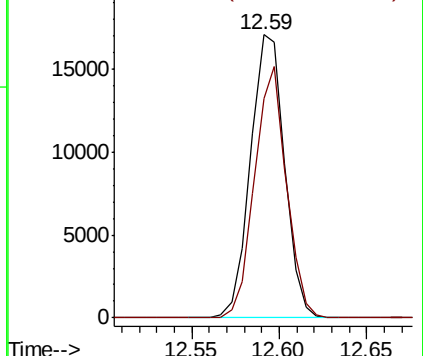
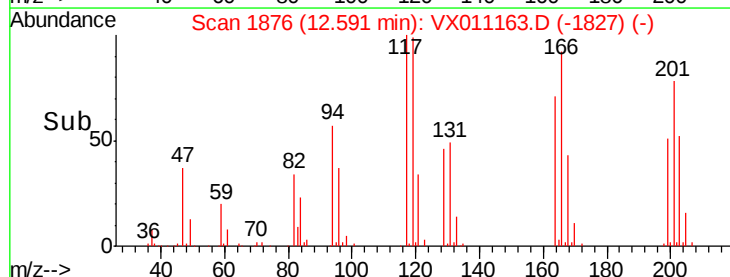
117 100

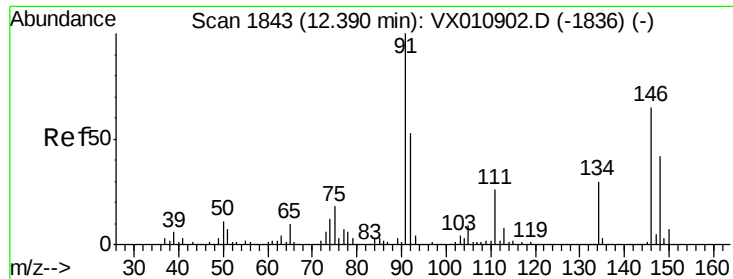
201 83.1 43.3 129.8



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

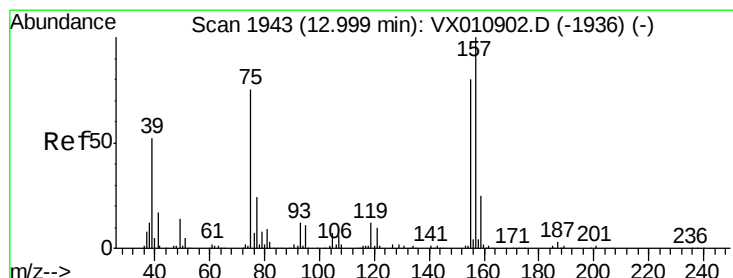
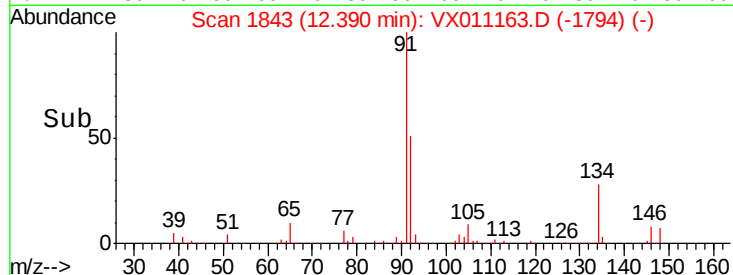
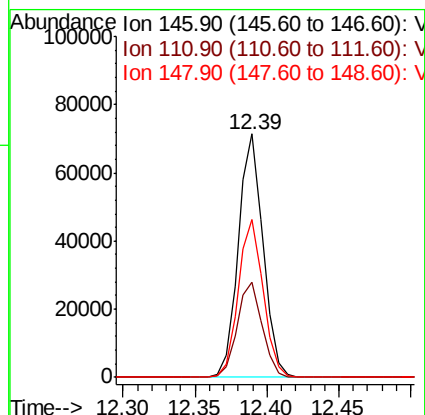
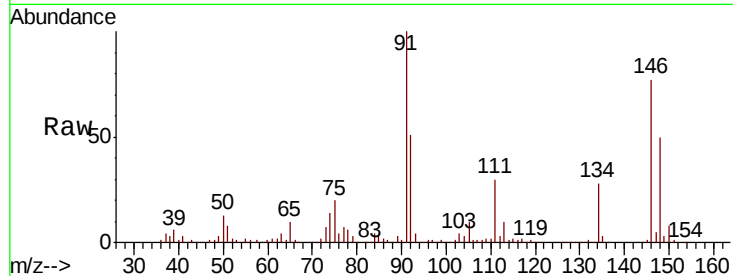




#91
 1,2-Dichlorobenzene
 Concen: 20.162 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX011163.D
 Acq: 29 Jul 2019 23:12

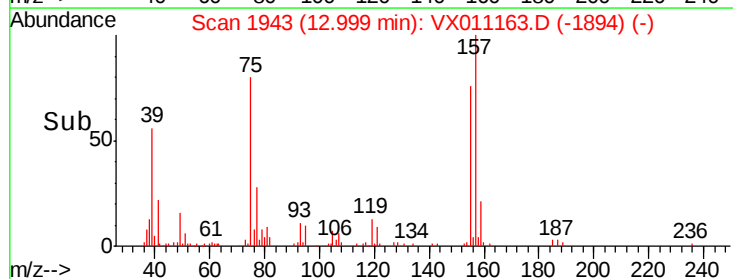
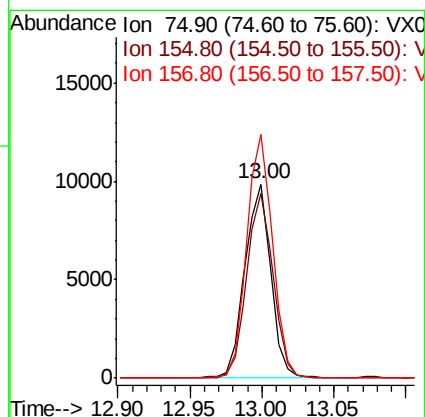
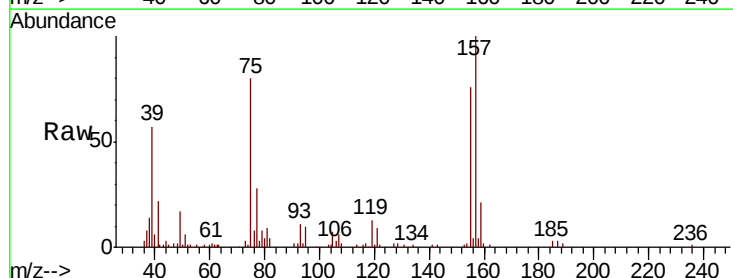
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0729WBS02

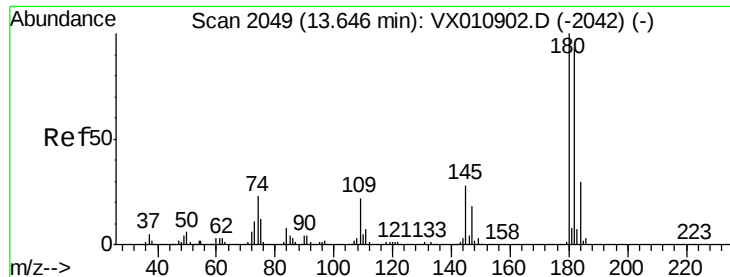
Tot Ion:146 Resp: 85936
 Ion Ratio Lower Upper
 146 100
 111 39.5 19.9 59.7
 148 65.1 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.095 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX011163.D
 Acq: 29 Jul 2019 23:12

Tgt Ion: 75 Resp: 12350
 Ion Ratio Lower Upper
 75 100
 155 96.0 48.7 146.1
 157 123.7 62.5 187.6

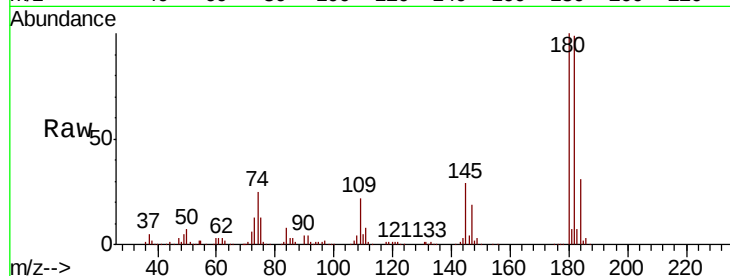




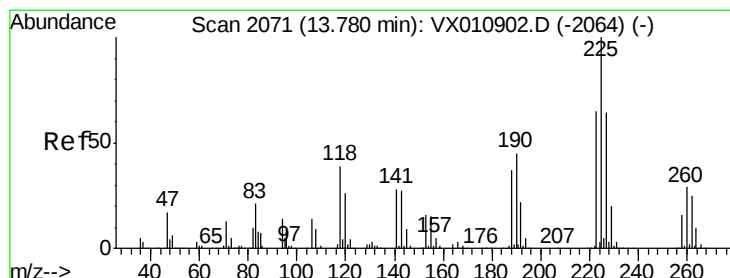
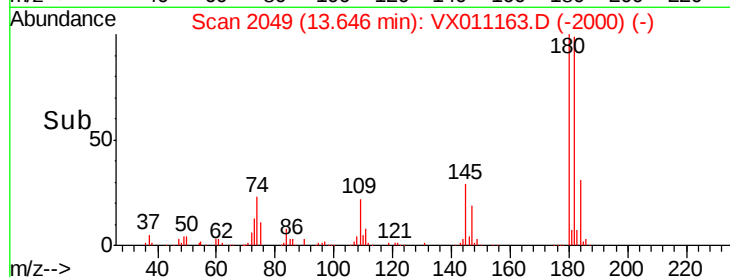
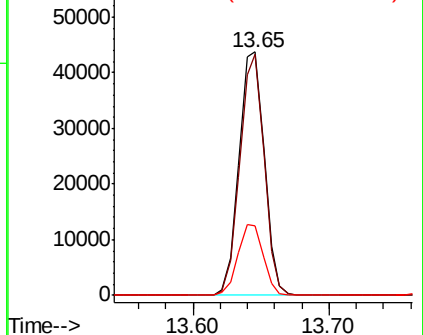
#93
 1,2,4-Trichlorobenzene
 Concen: 19.619 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX011163.D
 Acq: 29 Jul 2019 23:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0729WBS02

Tot Ion:180 Resp: 56672
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.1 141.3
 145 29.3 14.8 44.4

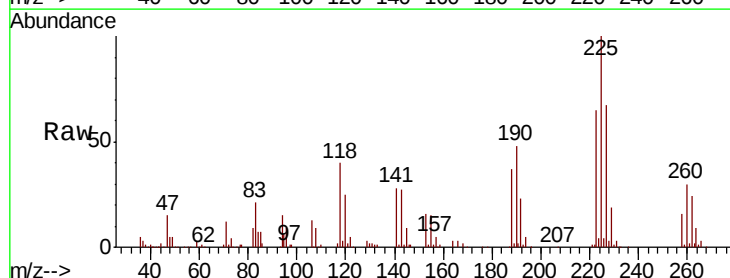


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

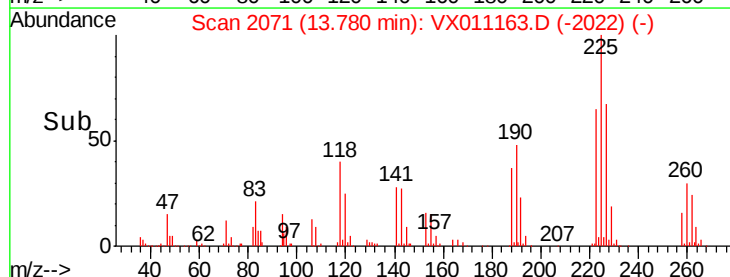
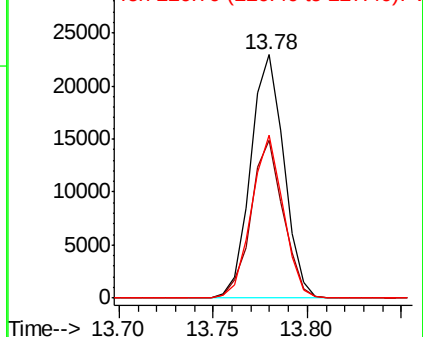


#94
 Hexachlorobutadiene
 Concen: 19.640 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX011163.D
 Acq: 29 Jul 2019 23:12

Tgt Ion:225 Resp: 28114
 Ion Ratio Lower Upper
 225 100
 223 62.8 31.9 95.9
 227 63.5 32.5 97.4



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

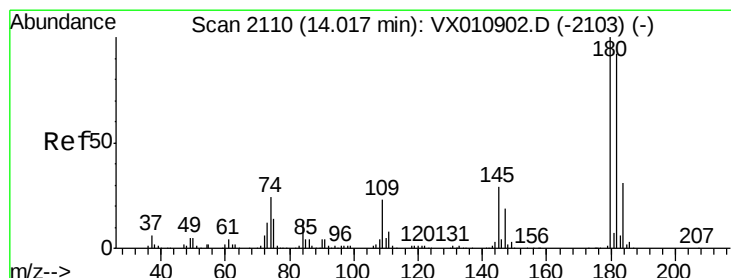
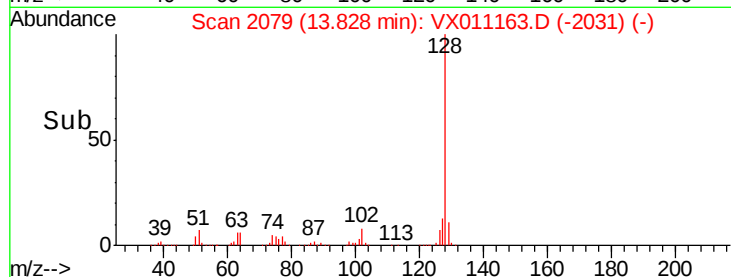
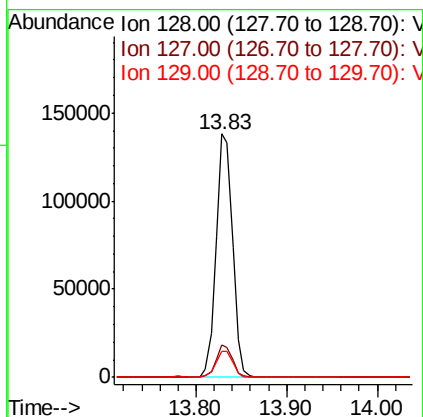
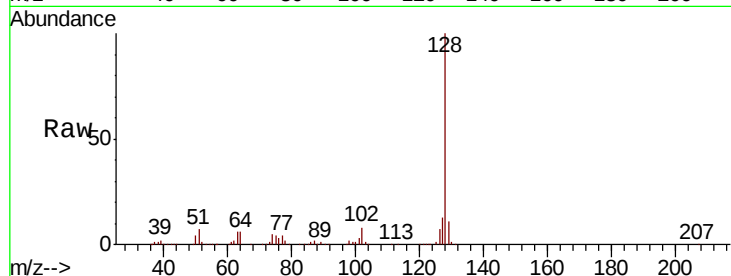




#95
Naphthalene
Concen: 20.720 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX011163.D
Acq: 29 Jul 2019 23:12

Instrument :
MSVOA_X
ClientSampleId :
VX0729WBS02

Tot Ion:128 Resp: 176738
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 11.2 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 20.694 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX011163.D
Acq: 29 Jul 2019 23:12

Tgt Ion:180 Resp: 59477
Ion Ratio Lower Upper
180 100
182 94.2 47.4 142.3
145 30.5 15.1 45.3

