

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX073019\
 Data File : VX011189.D
 Acq On : 30 Jul 2019 12:59
 Operator : JC/SP
 Sample : VX0730WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0730WBS01

Quant Time: Aug 08 05:21:53 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	175157	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	256792	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	237247	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	127583	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	97096	52.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.22%	
35) Dibromofluoromethane	5.50	113	87094	53.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.86%	
50) Toluene-d8	8.71	98	323267	52.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.76%	
62) 4-Bromofluorobenzene	11.13	95	118461	52.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.44%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.20	85	33006	18.025	ug/l 97
3) Chloromethane	1.33	50	31254	19.404	ug/l 100
4) Vinyl Chloride	1.41	62	32055	19.511	ug/l 98
5) Bromomethane	1.64	94	20670	22.326	ug/l 97
6) Chloroethane	1.72	64	21875	20.952	ug/l 94
7) Trichlorofluoromethane	1.93	101	57185	20.562	ug/l 98
8) Diethyl Ether	2.19	74	19342	20.185	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	31611	19.907	ug/l 97
10) Methyl Iodide	2.51	142	24841	11.921	ug/l 98
11) Tert butyl alcohol	3.04	59	41497	95.622	ug/l 98
12) 1,1-Dichloroethene	2.37	96	28980	18.575	ug/l 96
13) Acrolein	2.29	56	14089	56.191	ug/l 98
14) Allyl chloride	2.73	41	42452	18.733	ug/l 98
15) Acrylonitrile	3.14	53	91136	103.928	ug/l 99
16) Acetone	2.44	43	84370	100.249	ug/l 99
17) Carbon Disulfide	2.57	76	60781	15.187	ug/l 100
18) Methyl Acetate	2.78	43	44217	23.074	ug/l 97
19) Methyl tert-butyl Ether	3.20	73	100026	19.916	ug/l 100
20) Methylene Chloride	2.85	84	35108	19.684	ug/l 99
21) trans-1,2-Dichloroethene	3.17	96	30889	18.659	ug/l 93
22) Diisopropyl ether	3.85	45	98037	20.512	ug/l 97
23) Vinyl Acetate	3.81	43	399326	98.606	ug/l 99
24) 1,1-Dichloroethane	3.70	63	54935	19.791	ug/l 98
25) 2-Butanone	4.67	43	124501	103.054	ug/l 100
26) 2,2-Dichloropropane	4.59	77	43007	18.870	ug/l 100
27) cis-1,2-Dichloroethene	4.60	96	37235	19.435	ug/l 99
28) Bromochloromethane	5.01	49	21121	16.147	ug/l 96
29) Tetrahydrofuran	5.13	42	80618	105.346	ug/l 97
30) Chloroform	5.21	83	60948	20.314	ug/l 96
31) Cyclohexane	5.59	56	46314	18.305	ug/l 98
32) 1,1,1-Trichloroethane	5.49	97	50747	19.550	ug/l 99
36) 1,1-Dichloropropene	5.80	75	41339	19.598	ug/l 98
37) Ethyl Acetate	4.83	43	45341	20.992	ug/l 98
38) Carbon Tetrachloride	5.79	117	43783	19.920	ug/l 95

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 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	49336	18.036	ug/l	99
40) Benzene	6.14	78	129800	20.089	ug/l	100
41) Methacrylonitrile	5.04	41	24945	20.345	ug/l	97
42) 1,2-Dichloroethane	6.20	62	46920	20.885	ug/l	99
43) Isopropyl Acetate	6.44	43	71592	20.158	ug/l	99
44) Trichloroethene	7.21	130	36842	19.263	ug/l	99
45) 1,2-Dichloropropane	7.51	63	33622	20.445	ug/l	97
46) Dibromomethane	7.66	93	23931	20.365	ug/l	99
47) Bromodichloromethane	7.90	83	42505	20.320	ug/l	97
48) Methyl methacrylate	7.77	41	35749	20.663	ug/l	97
49) 1,4-Dioxane	7.74	88	19185	396.424	ug/l #	93
51) 4-Methyl-2-Pentanone	8.64	43	250129	108.647	ug/l	99
52) Toluene	8.78	92	85621	20.172	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	42608	18.943	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	48486	19.373	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	35826	20.499	ug/l	99
56) Ethyl methacrylate	9.18	69	51710	20.227	ug/l	98
57) 1,3-Dichloropropane	9.37	76	57010	20.563	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	125034	102.457	ug/l	100
59) 2-Hexanone	9.49	43	194533	108.943	ug/l	100
60) Dibromochloromethane	9.58	129	35879	19.464	ug/l	98
61) 1,2-Dibromoethane	9.67	107	37659	20.304	ug/l	99
64) Tetrachloroethene	9.33	164	36801	19.718	ug/l	98
65) Chlorobenzene	10.13	112	96905	19.887	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	33687	19.670	ug/l	96
67) Ethyl Benzene	10.25	91	164048	19.779	ug/l	99
68) m/p-Xylenes	10.35	106	125597	39.476	ug/l	100
69) o-Xylene	10.69	106	61845	19.917	ug/l	100
70) Styrene	10.71	104	104434	20.176	ug/l	100
71) Bromoform	10.85	173	25904	18.315	ug/l #	98
73) Isopropylbenzene	11.02	105	168840	19.585	ug/l	100
74) N-amyl acetate	10.90	43	62983	19.121	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	57852	20.506	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	59534	25.858	ug/l	84
77) Bromobenzene	11.25	156	46561	19.581	ug/l	97
78) n-propylbenzene	11.36	91	185054	19.428	ug/l	100
79) 2-Chlorotoluene	11.42	91	111582	19.500	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	141706	19.672	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	13875	18.033	ug/l #	86
82) 4-Chlorotoluene	11.51	91	129294	19.414	ug/l	99
83) tert-Butylbenzene	11.77	119	138510	19.576	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	141625	19.506	ug/l	100
85) sec-Butylbenzene	11.94	105	165551	19.968	ug/l	100
86) p-Isopropyltoluene	12.06	119	152250	19.863	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	80852	19.593	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	82201	19.422	ug/l	99
89) n-Butylbenzene	12.38	91	128119	19.538	ug/l	99
90) Hexachloroethane	12.59	117	21737	17.980	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	81644	19.963	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	11968	20.294	ug/l	99

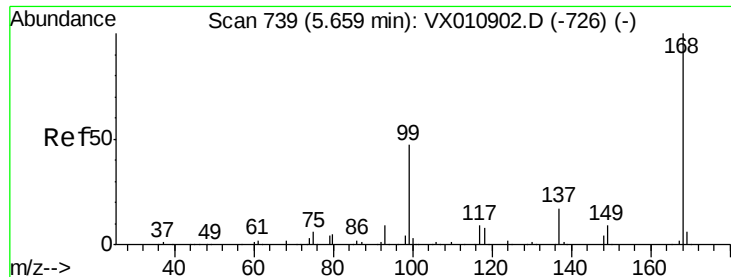
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX073019\
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Quant Title : SW846 8260
QLast Update : Wed Jul 24 05:39:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	54048	19.500	ug/l	99
94) Hexachlorobutadiene	13.78	225	27750	20.203	ug/l	98
95) Naphthalene	13.83	128	168445	20.580	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	57071	20.694	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX011189.D

Acq: 30 Jul 2019 12:59

Instrument :

MSVOA_X

ClientSampleId :

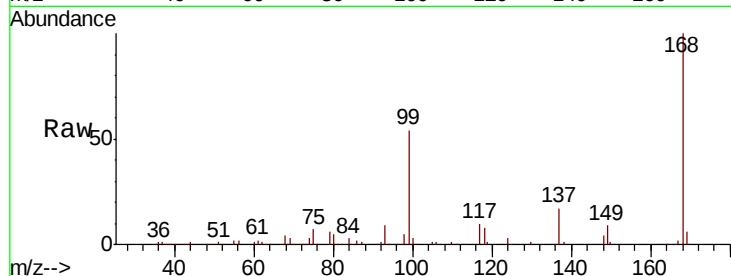
VX0730WBS01

Tgt Ion:168 Resp: 175157

Ion Ratio Lower Upper

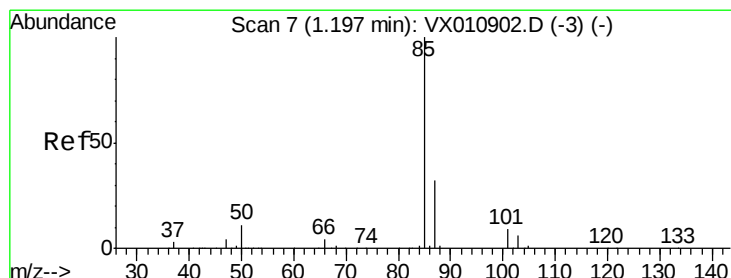
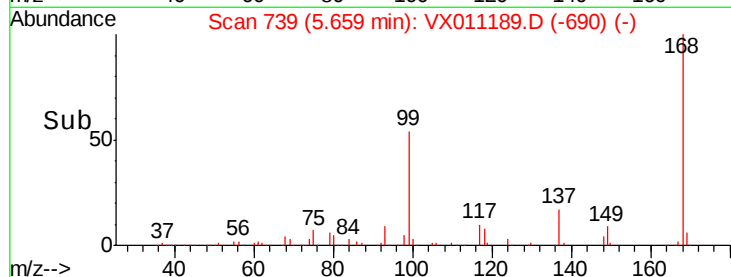
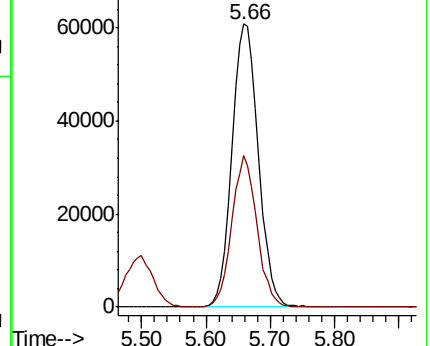
168 100

99 53.5 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 18.025 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX011189.D

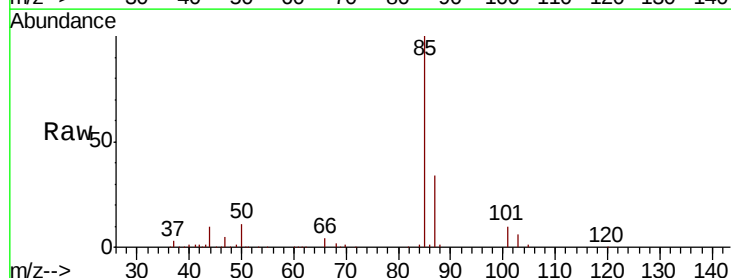
Acq: 30 Jul 2019 12:59

Tgt Ion: 85 Resp: 33006

Ion Ratio Lower Upper

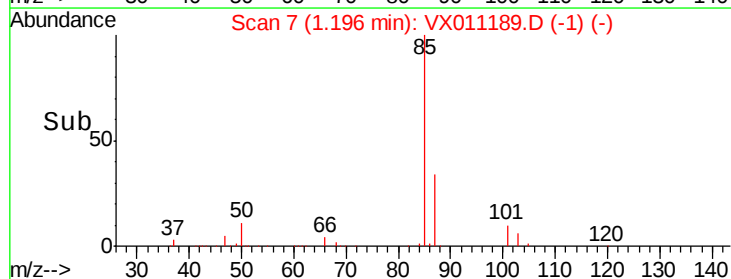
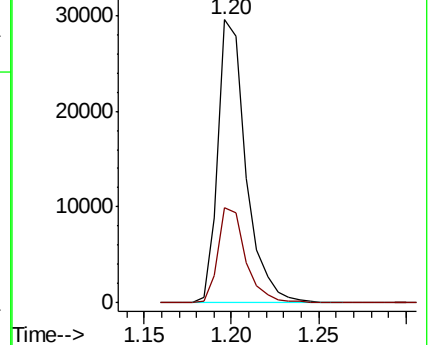
85 100

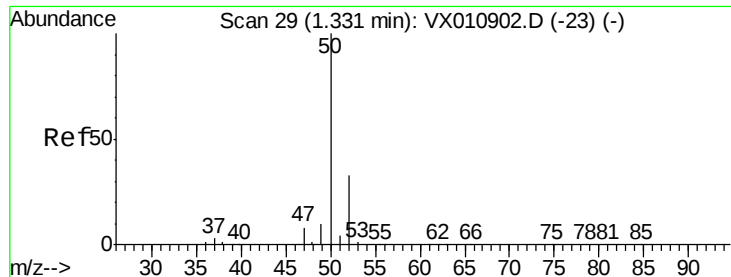
87 33.6 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 19.404 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX011189.D

Acq: 30 Jul 2019 12:59

Instrument :

MSVOA_X

ClientSampleId :

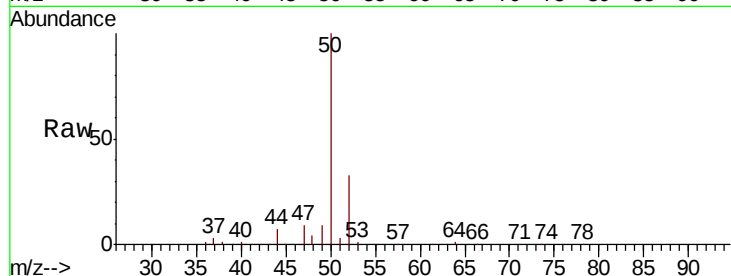
VX0730WBS01

Tgt Ion: 50 Resp: 31254

Ion Ratio Lower Upper

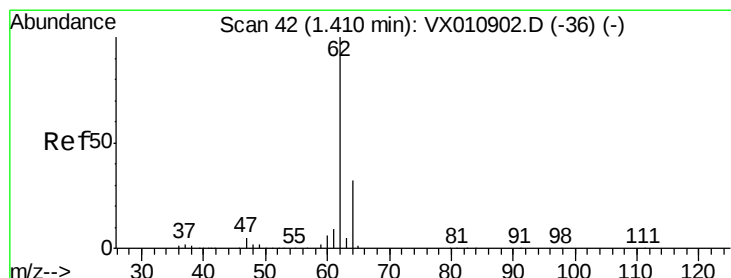
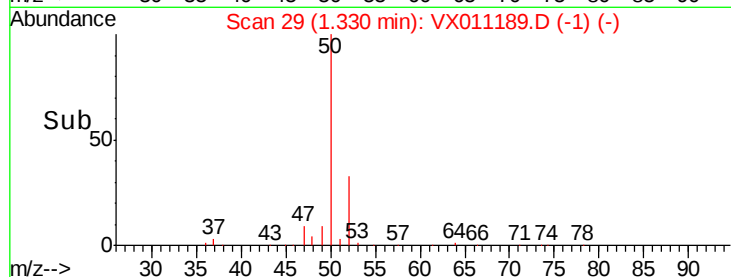
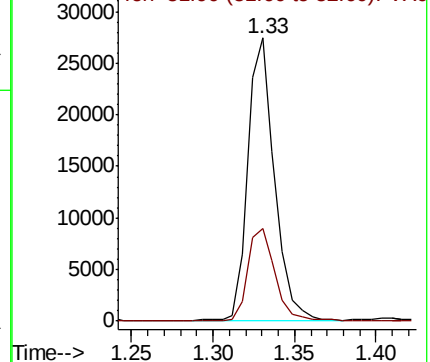
50 100

52 32.8 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: 19.511 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX011189.D

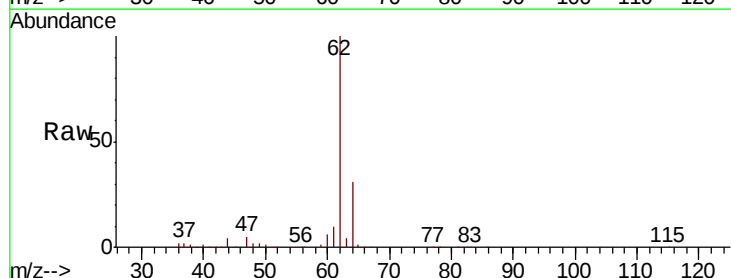
Acq: 30 Jul 2019 12:59

Tgt Ion: 62 Resp: 32055

Ion Ratio Lower Upper

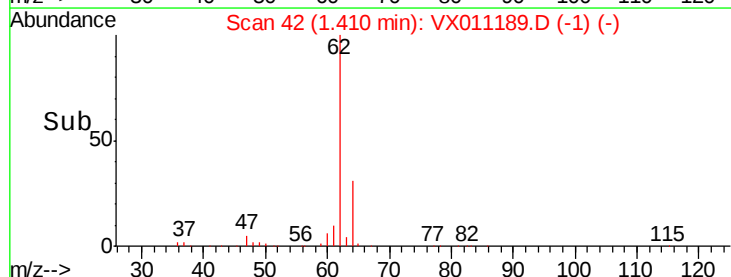
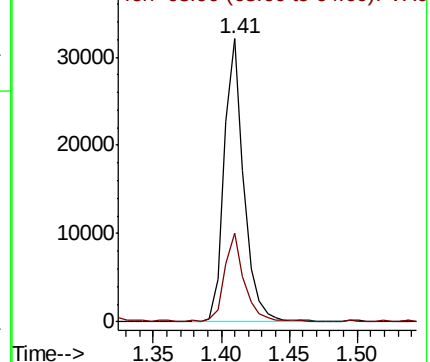
62 100

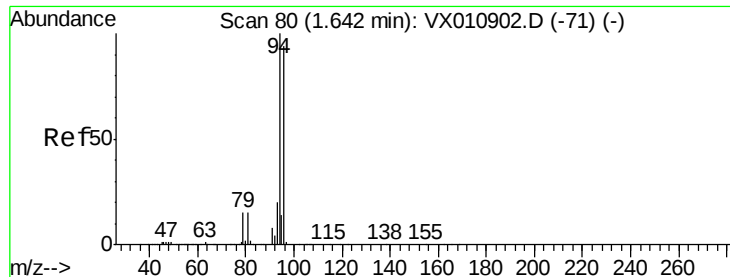
64 31.1 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 22.326 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX011189.D

Acq: 30 Jul 2019 12:59

Instrument :

MSVOA_X

ClientSampleId :

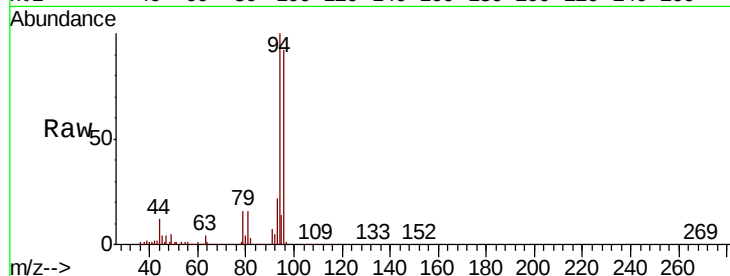
VX0730WBS01

Tgt Ion: 94 Resp: 20670

Ion Ratio Lower Upper

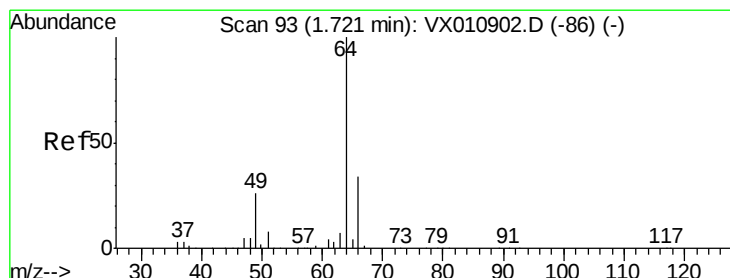
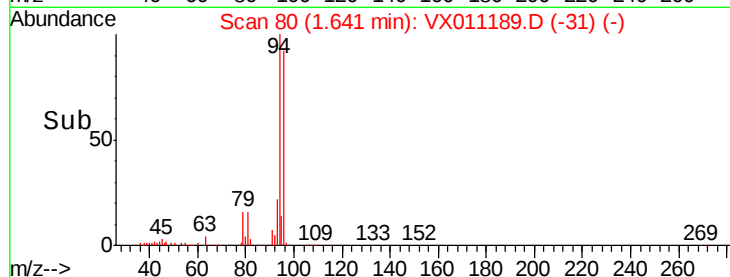
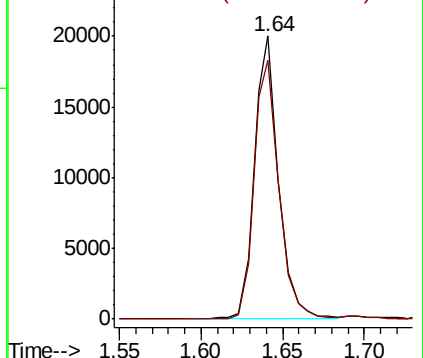
94 100

96 91.5 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 20.952 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX011189.D

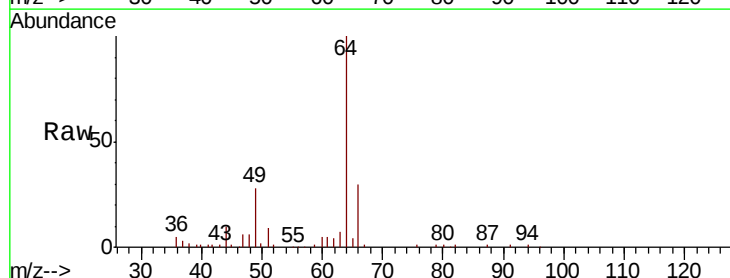
Acq: 30 Jul 2019 12:59

Tgt Ion: 64 Resp: 21875

Ion Ratio Lower Upper

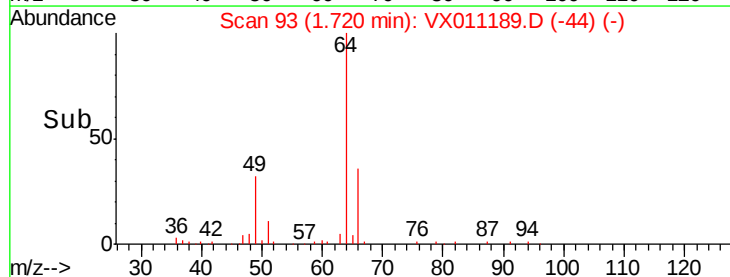
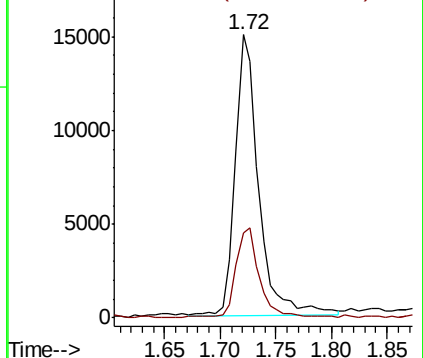
64 100

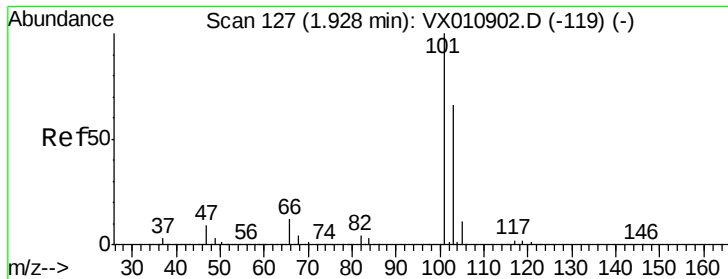
66 30.5 27.0 40.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



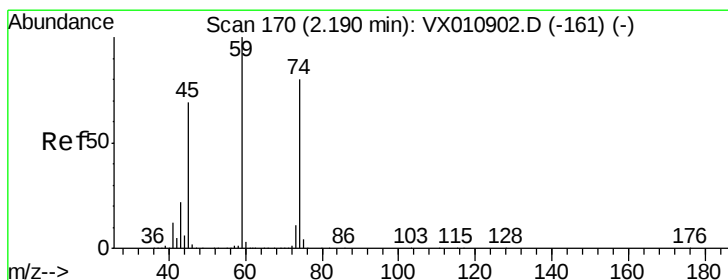
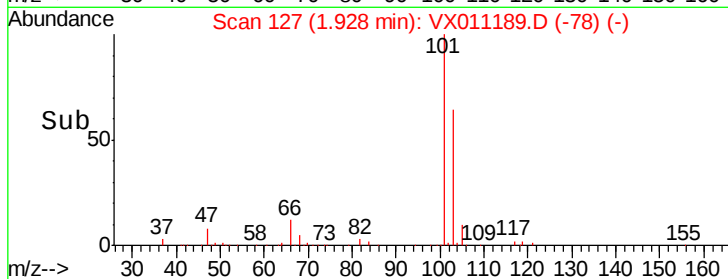
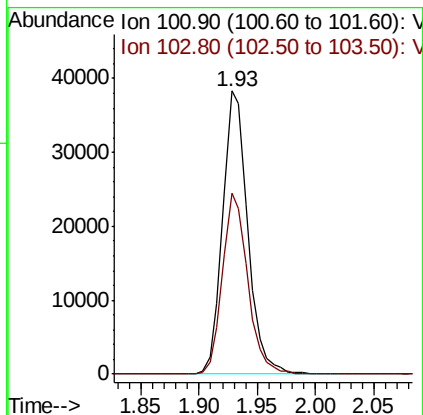
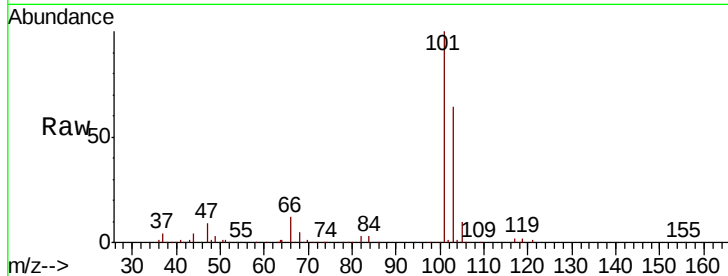


#7

Trichlorofluoromethane
 Concen: 20.562 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VX011189.D
 Acq: 30 Jul 2019 12:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0730WBS01

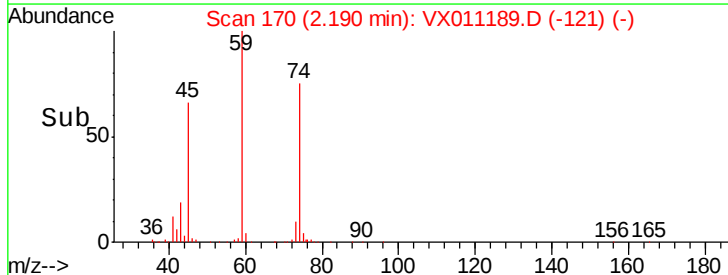
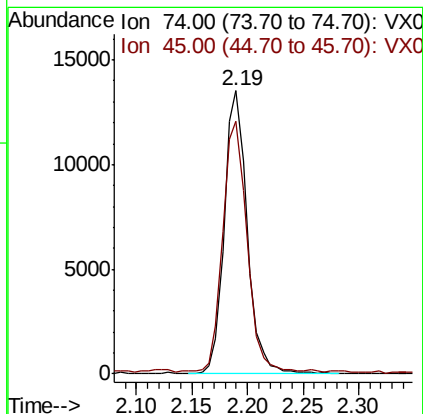
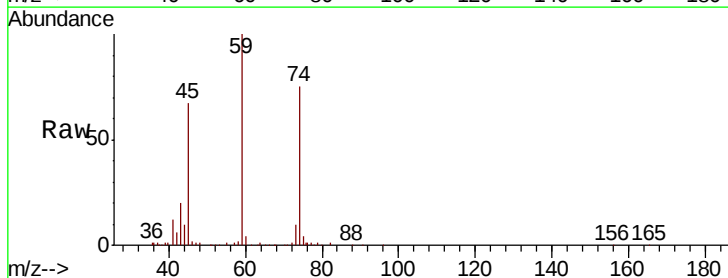
Tgt Ion:101 Resp: 57185
 Ion Ratio Lower Upper
 101 100
 103 63.9 52.6 78.8

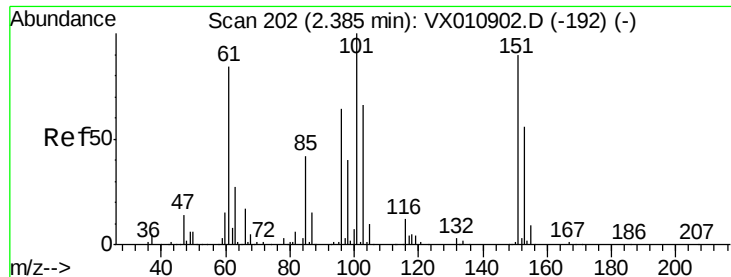


#8

Diethyl Ether
 Concen: 20.185 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX011189.D
 Acq: 30 Jul 2019 12:59

Tgt Ion: 74 Resp: 19342
 Ion Ratio Lower Upper
 74 100
 45 92.5 45.5 136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.907 ug/l

RT: 2.38 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX011189.D

Acq: 30 Jul 2019 12:59

Instrument :

MSVOA_X

ClientSampleId :

VX0730WBS01

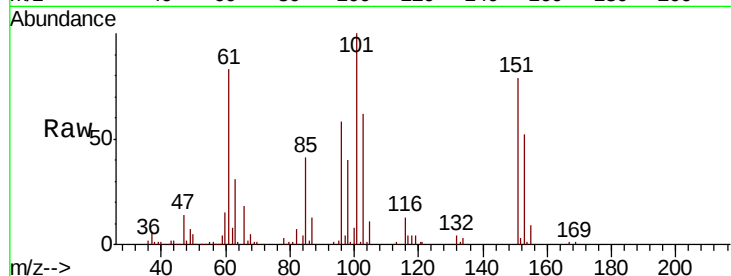
Tgt Ion:101 Resp: 31611

Ion Ratio Lower Upper

101 100

85 42.3 34.6 52.0

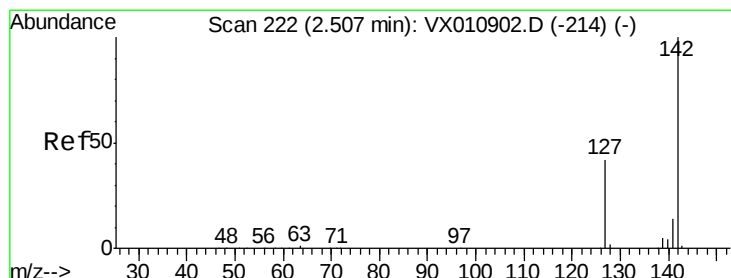
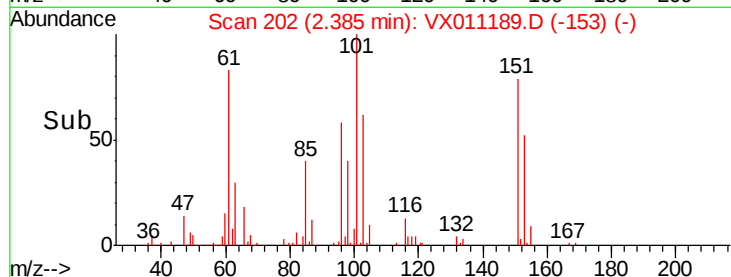
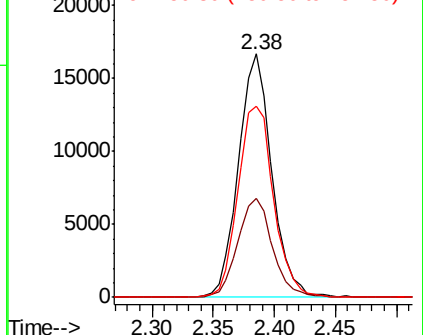
151 84.2 69.6 104.4



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: 11.921 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX011189.D

Acq: 30 Jul 2019 12:59

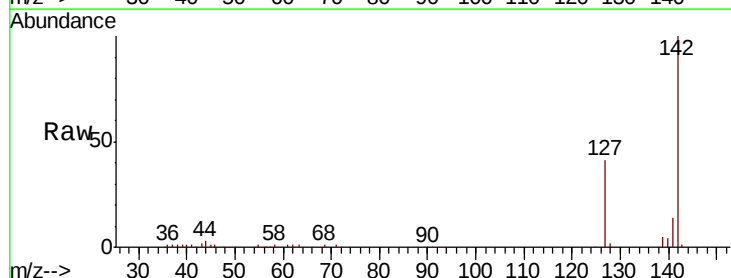
Tgt Ion:142 Resp: 24841

Ion Ratio Lower Upper

142 100

127 44.3 34.2 51.4

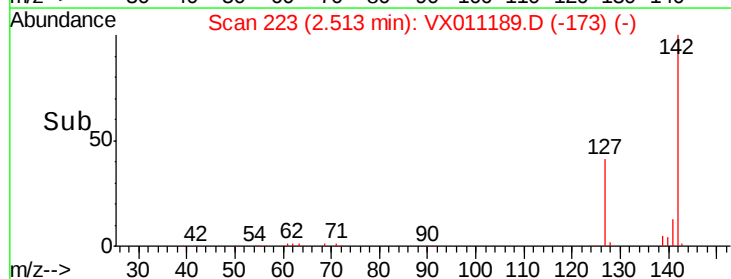
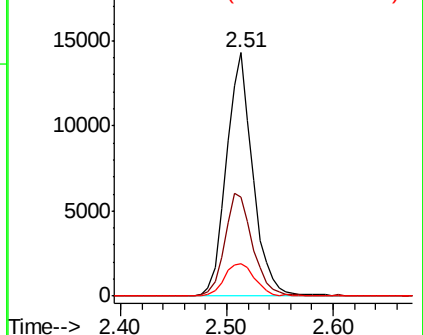
141 15.3 11.7 17.5

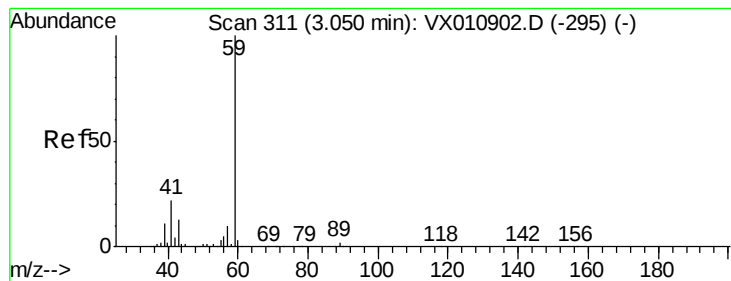


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 95.622 ug/l

RT: 3.04 min Scan# 310

Delta R.T. -0.01 min

Lab File: VX011189.D

Acq: 30 Jul 2019 12:59

Instrument :

MSVOA_X

ClientSampleId :

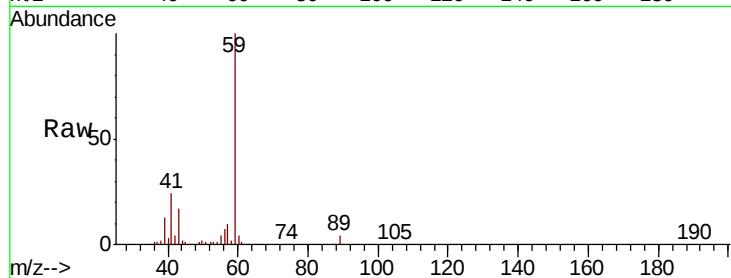
VX0730WBS01

Tgt Ion: 59 Resp: 41497

Ion Ratio Lower Upper

59 100

57 10.6 7.9 11.9



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.04

20000

15000

10000

5000

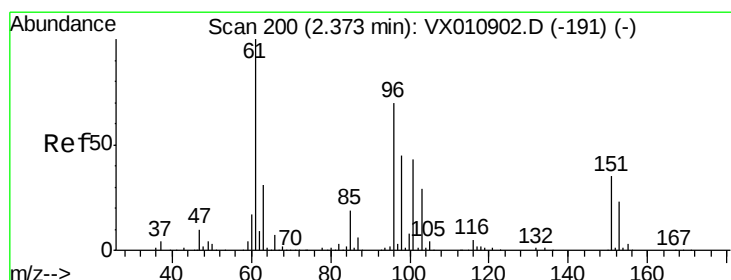
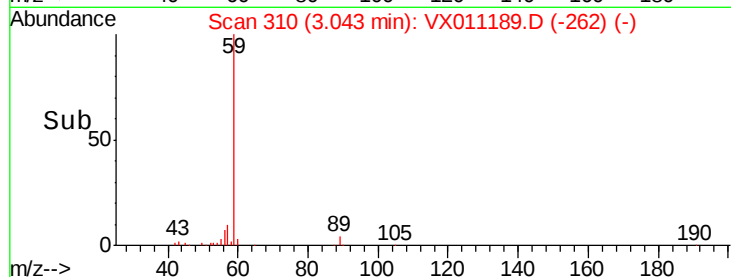
0

Time-->

2.90

3.00

3.10



#12

1,1-Dichloroethene

Concen: 18.575 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.00 min

Lab File: VX011189.D

Acq: 30 Jul 2019 12:59

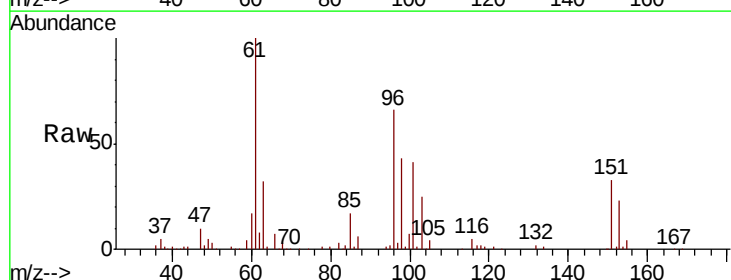
Tgt Ion: 96 Resp: 28980

Ion Ratio Lower Upper

96 100

61 151.0 115.0 172.4

98 65.4 52.2 78.2



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

30000

20000

10000

0

Time-->

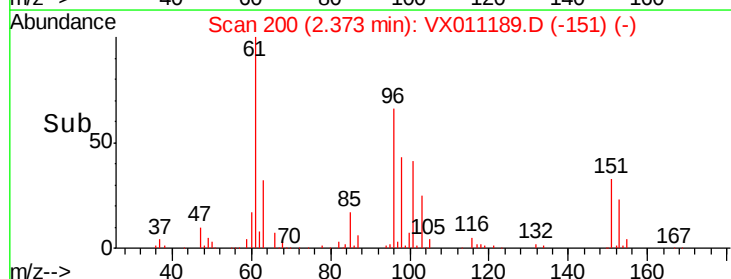
2.30

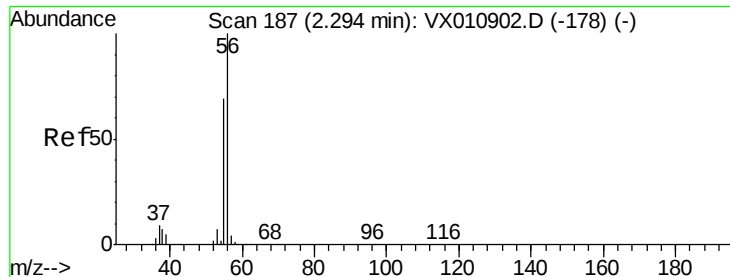
2.35

2.40

2.45

2.50





#13

Acrolein

Concen: 56.191 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX011189.D

Acq: 30 Jul 2019 12:59

Instrument :

MSVOA_X

ClientSampleId :

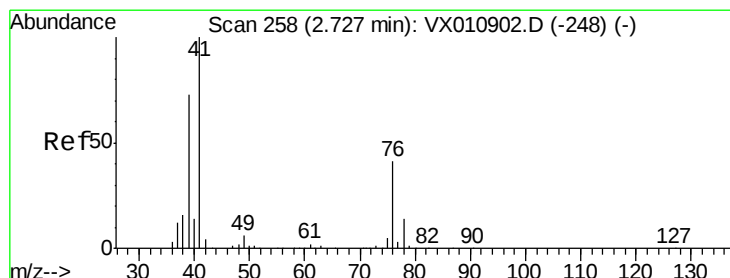
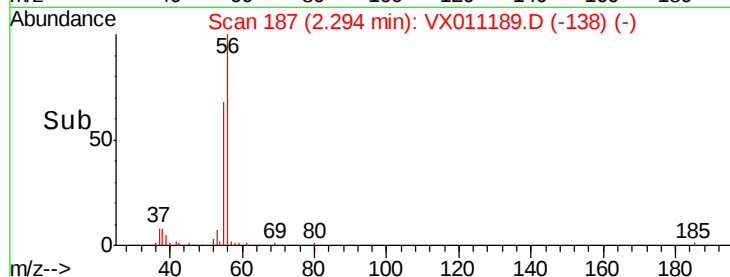
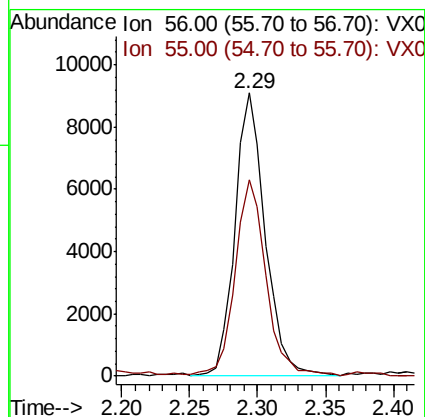
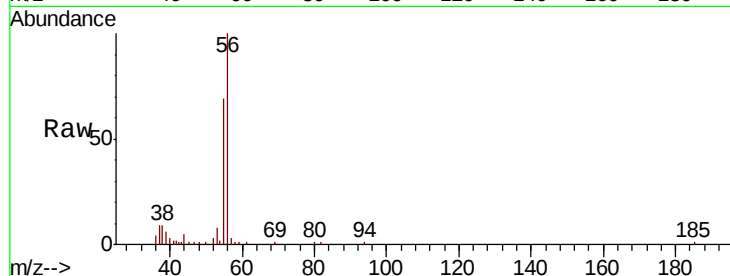
VX0730WBS01

Tgt Ion: 56 Resp: 14089

Ion Ratio Lower Upper

56 100

55 71.7 55.9 83.9



#14

Allyl chloride

Concen: 18.733 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX011189.D

Acq: 30 Jul 2019 12:59

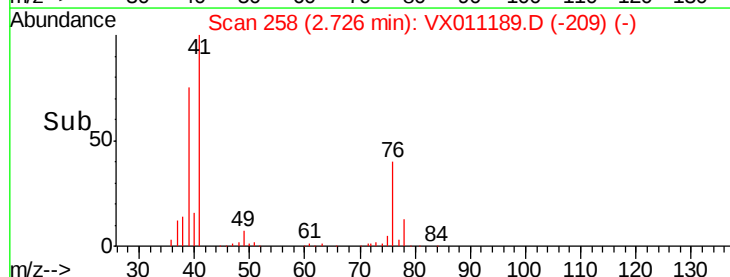
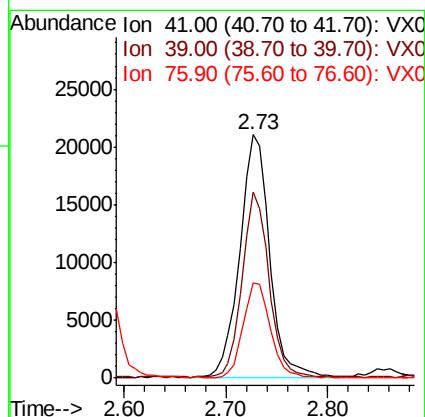
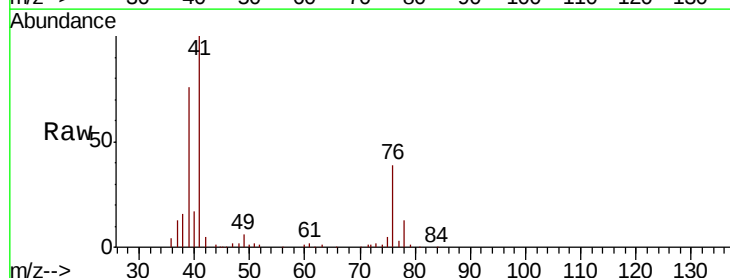
Tgt Ion: 41 Resp: 42452

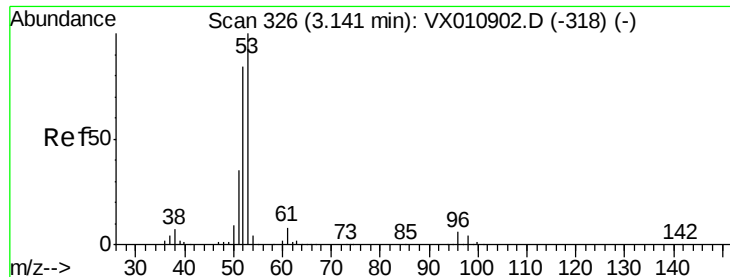
Ion Ratio Lower Upper

41 100

39 69.0 53.6 80.4

76 36.3 29.7 44.5





#15

Acrylonitrile

Concen: 103.928 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX011189.D

Acq: 30 Jul 2019 12:59

Instrument :

MSVOA_X

ClientSampleId :

VX0730WBS01

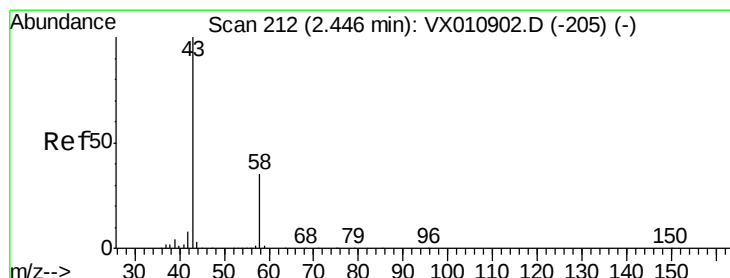
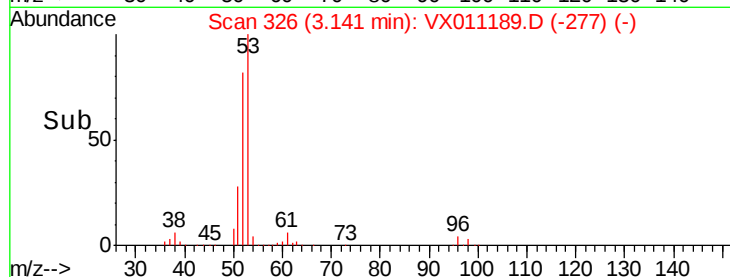
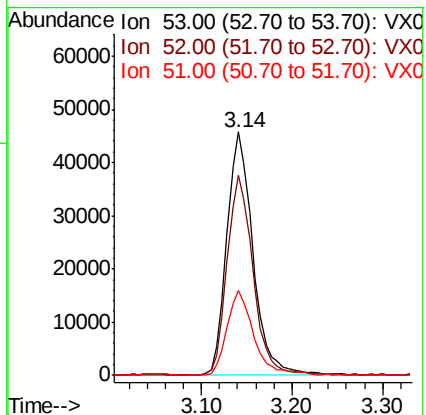
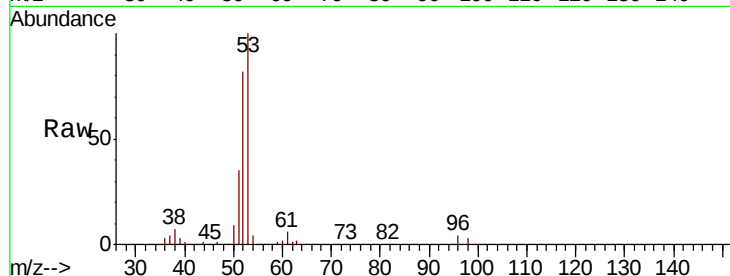
Tgt Ion: 53 Resp: 91136

Ion Ratio Lower Upper

53 100

52 82.1 66.5 99.7

51 36.0 28.2 42.4



#16

Acetone

Concen: 100.249 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX011189.D

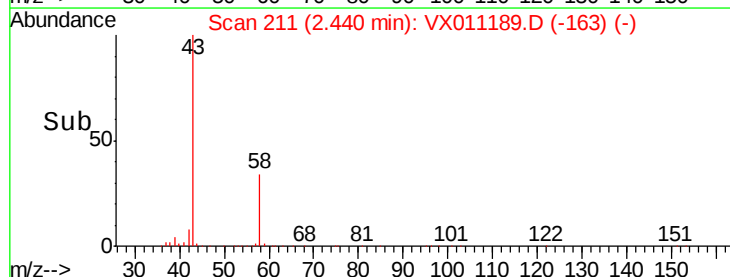
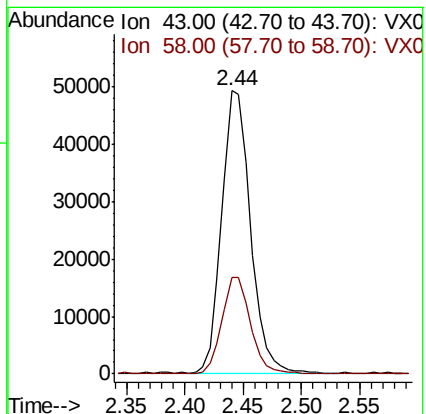
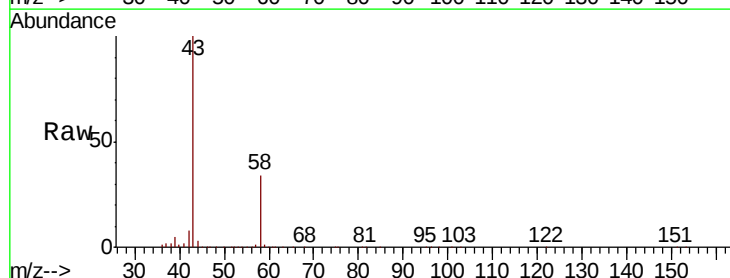
Acq: 30 Jul 2019 12:59

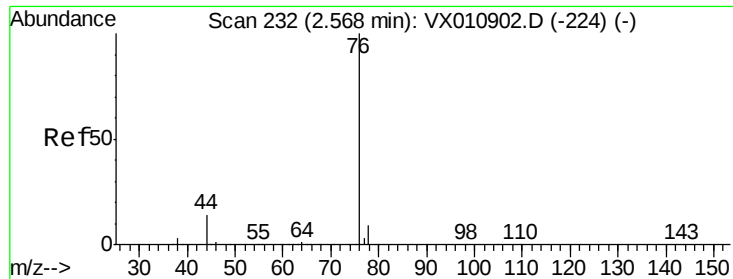
Tgt Ion: 43 Resp: 84370

Ion Ratio Lower Upper

43 100

58 34.2 27.7 41.5

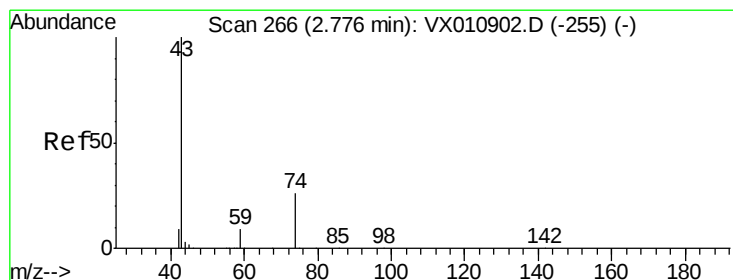
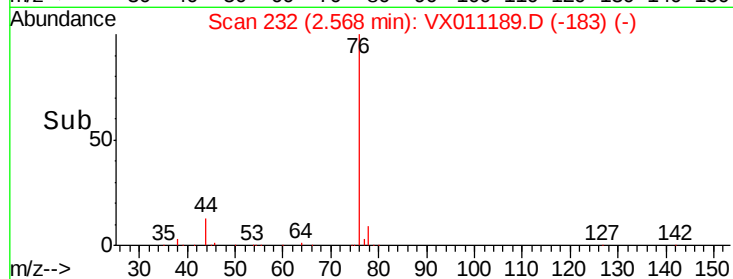
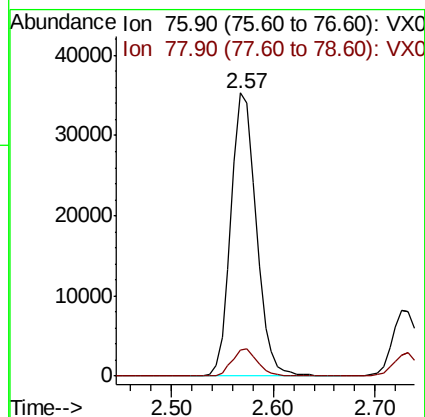
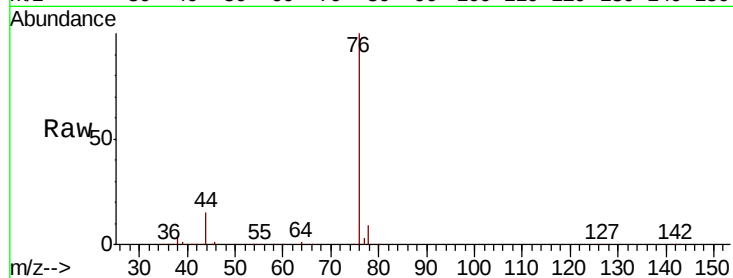




#17
Carbon Disulfide
Concen: 15.187 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX011189.D
Acq: 30 Jul 2019 12:59

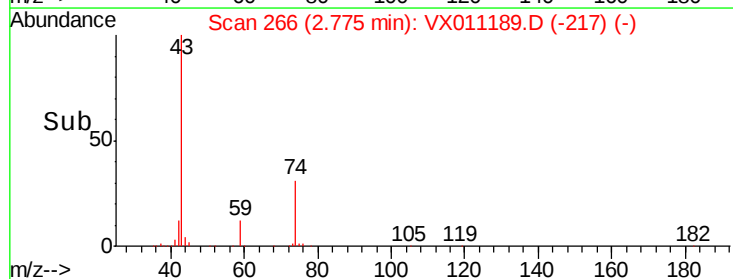
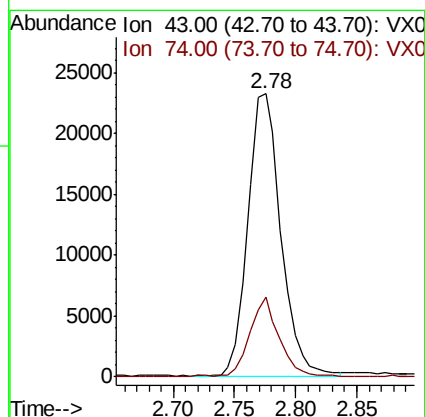
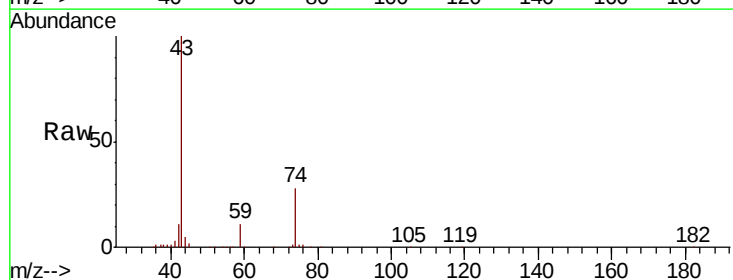
Instrument :
MSVOA_X
ClientSampleId :
VX0730WBS01

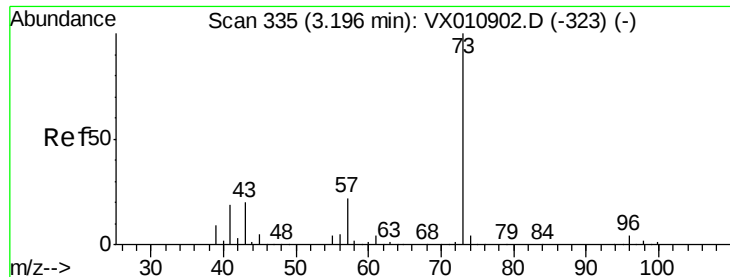
Tgt Ion: 76 Resp: 60781
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 23.074 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX011189.D
Acq: 30 Jul 2019 12:59

Tgt Ion: 43 Resp: 44217
Ion Ratio Lower Upper
43 100
74 25.4 21.5 32.3



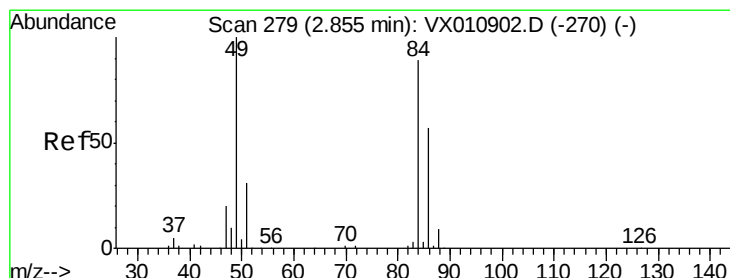
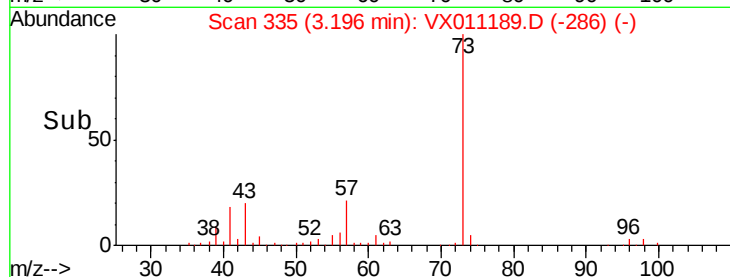
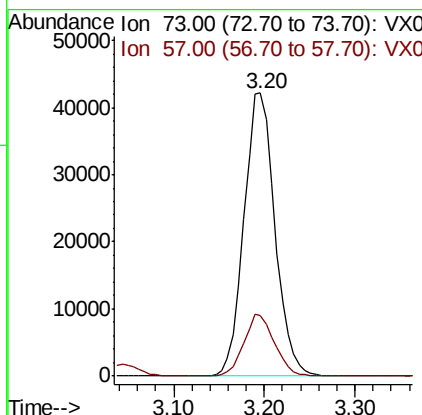
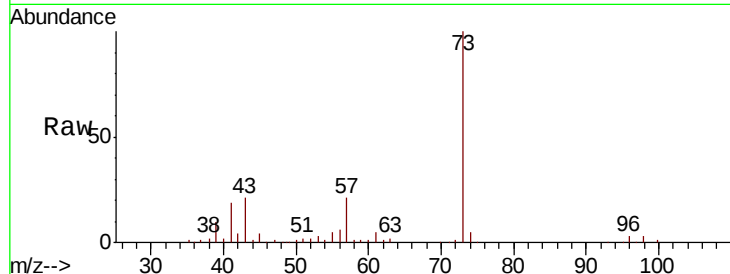


#19

Methyl tert-butyl Ether
 Concen: 19.916 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. -0.00 min
 Lab File: VX011189.D
 Acq: 30 Jul 2019 12:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0730WBS01

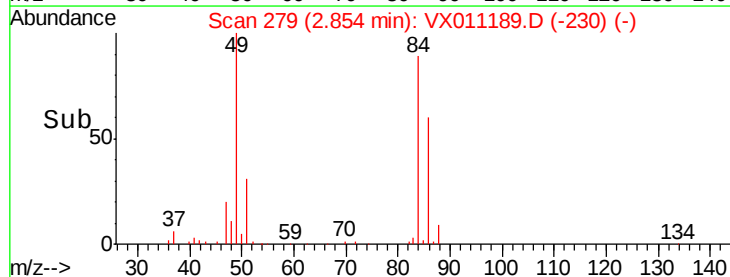
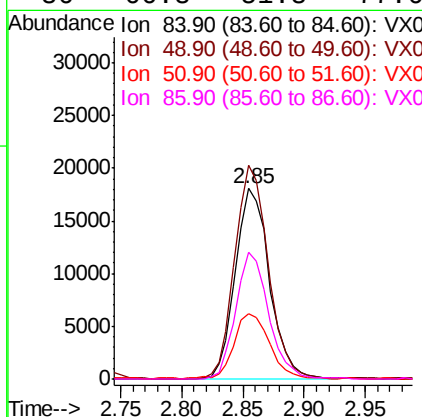
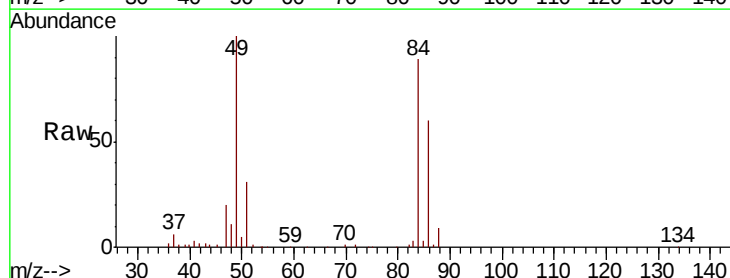
Tgt Ion: 73 Resp: 100026
 Ion Ratio Lower Upper
 73 100
 57 21.4 17.3 25.9

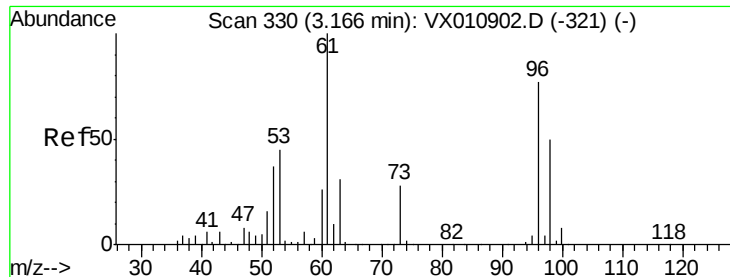


#20

Methylene Chloride
 Concen: 19.684 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX011189.D
 Acq: 30 Jul 2019 12:59

Tgt Ion: 84 Resp: 35108
 Ion Ratio Lower Upper
 84 100
 49 111.8 89.9 134.9
 51 34.5 27.8 41.6
 86 66.8 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 18.659 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX011189.D

Acq: 30 Jul 2019 12:59

Instrument :

MSVOA_X

ClientSampleId :

VX0730WBS01

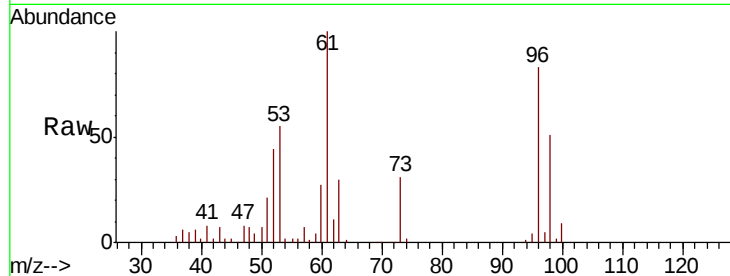
Tgt Ion: 96 Resp: 30889

Ion Ratio Lower Upper

96 100

61 120.9 104.2 156.2

98 62.0 52.2 78.4

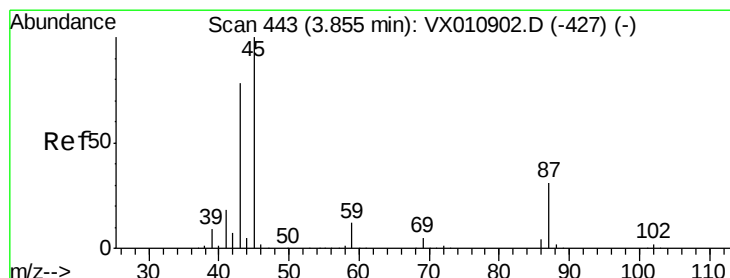
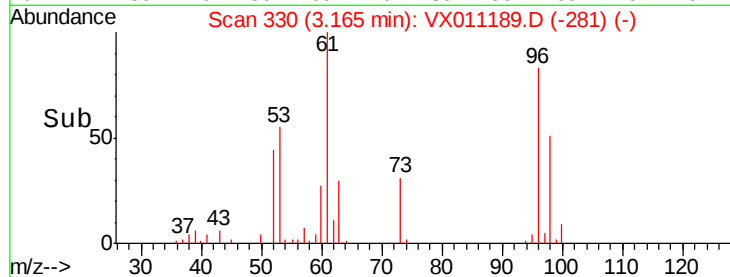
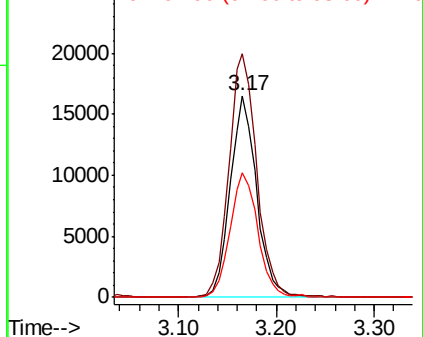


Abundance

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: 20.512 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX011189.D

Acq: 30 Jul 2019 12:59

Tgt Ion: 45 Resp: 98037

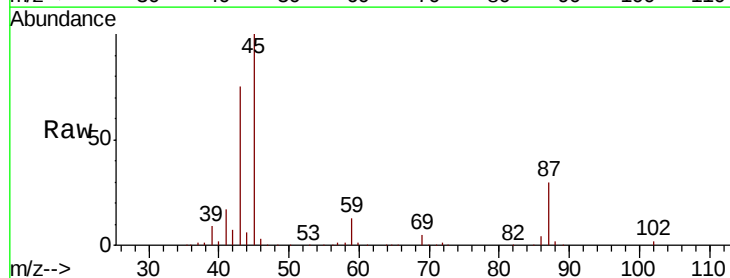
Ion Ratio Lower Upper

45 100

43 74.5 62.3 93.5

87 30.0 25.0 37.4

59 12.6 9.9 14.9



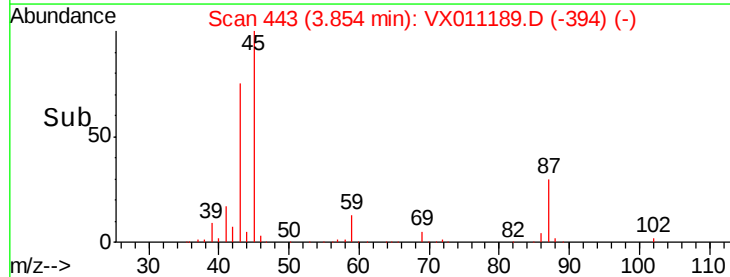
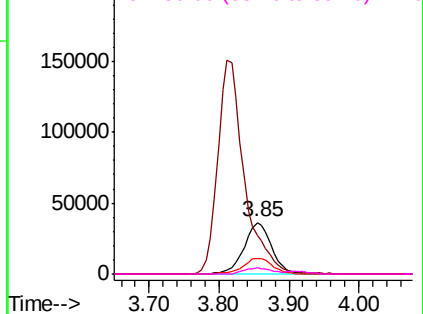
Abundance

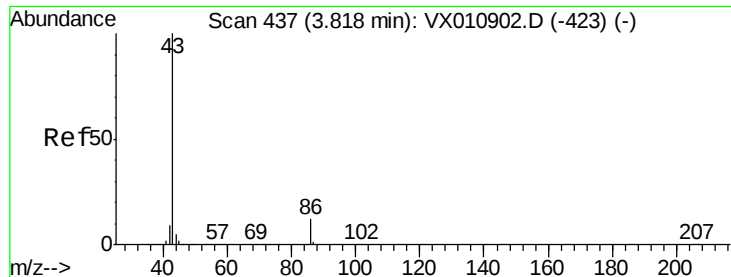
Ion 45.00 (44.70 to 45.70): VX0

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: 98.606 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX011189.D

Acq: 30 Jul 2019 12:59

Instrument :

MSVOA_X

ClientSampleId :

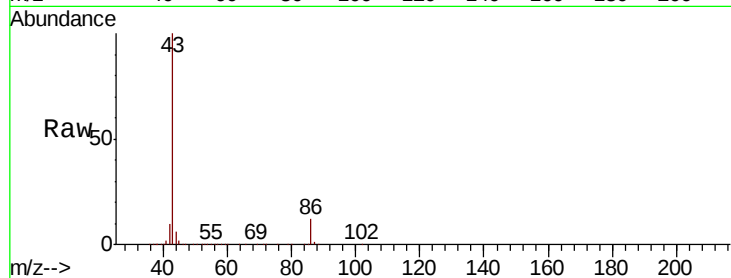
VX0730WBS01

Tgt Ion: 43 Resp: 399326

Ion Ratio Lower Upper

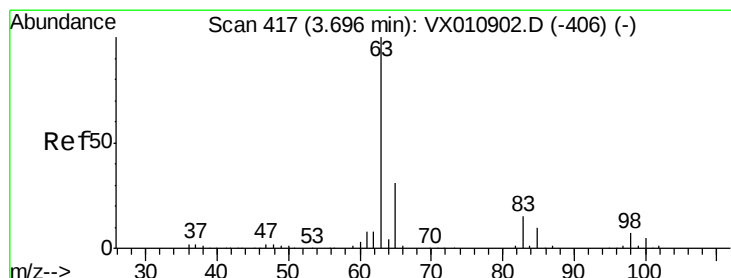
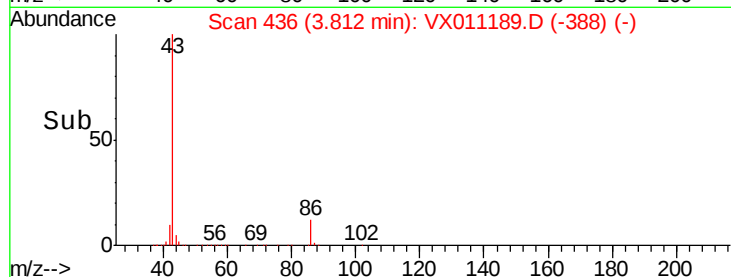
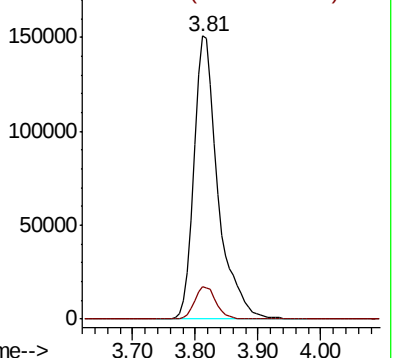
43 100

86 11.5 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.791 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX011189.D

Acq: 30 Jul 2019 12:59

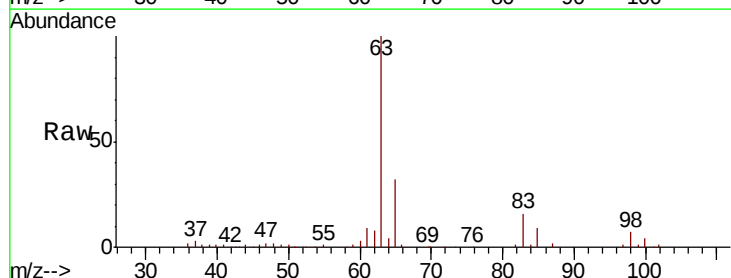
Tgt Ion: 63 Resp: 54935

Ion Ratio Lower Upper

63 100

98 6.6 3.6 10.9

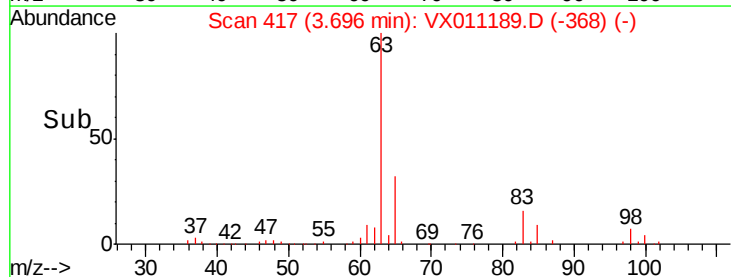
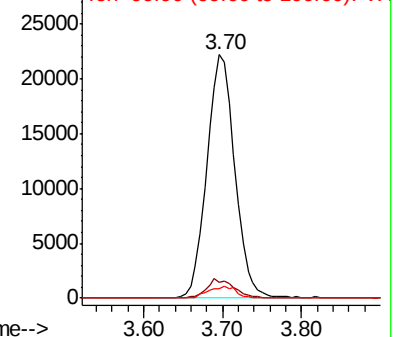
100 3.9 2.4 7.2

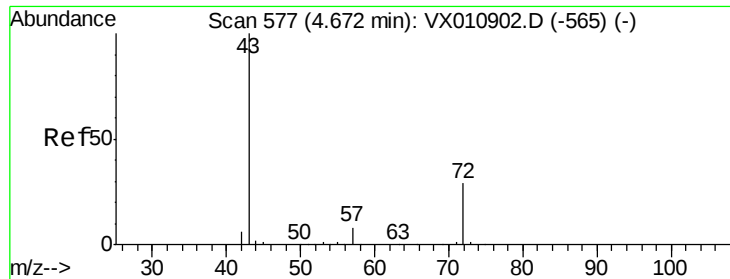


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 103.054 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX011189.D

Acq: 30 Jul 2019 12:59

Instrument :

MSVOA_X

ClientSampleId :

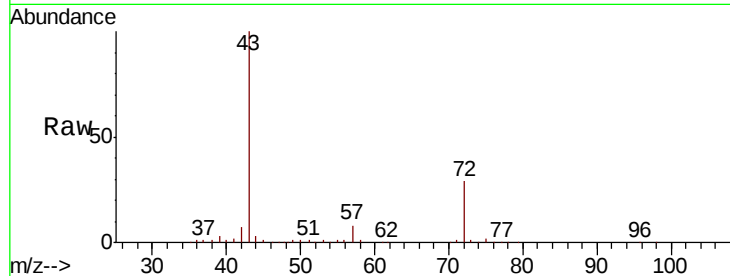
VX0730WBS01

Tgt Ion: 43 Resp: 124501

Ion Ratio Lower Upper

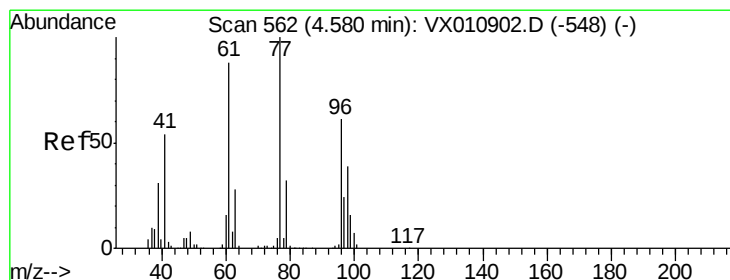
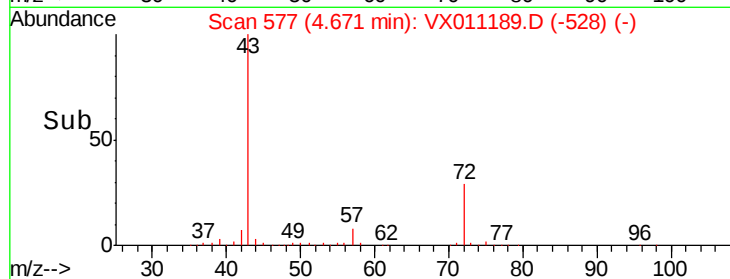
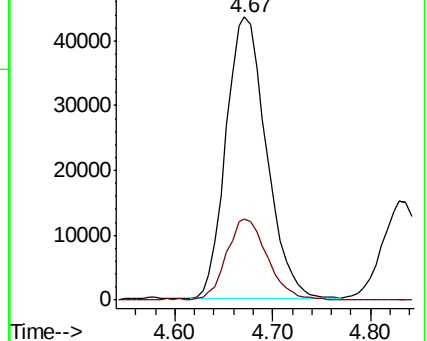
43 100

72 28.9 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: 18.870 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX011189.D

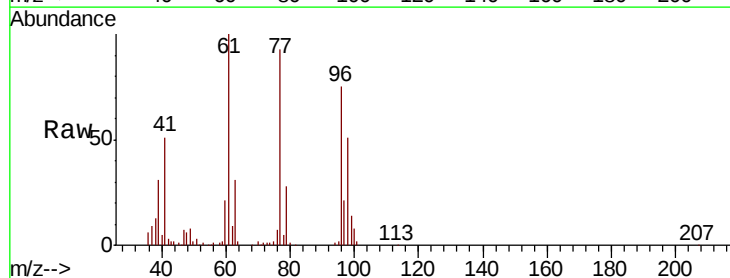
Acq: 30 Jul 2019 12:59

Tgt Ion: 77 Resp: 43007

Ion Ratio Lower Upper

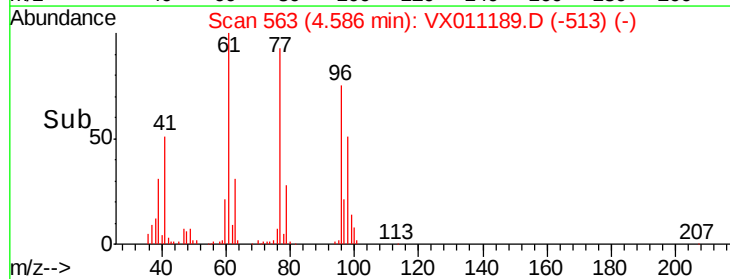
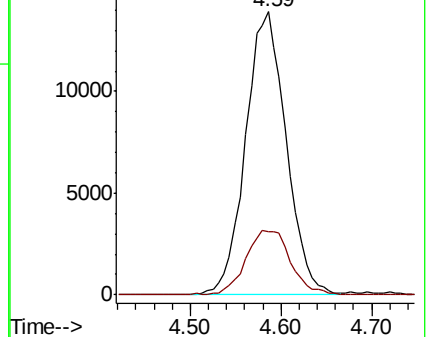
77 100

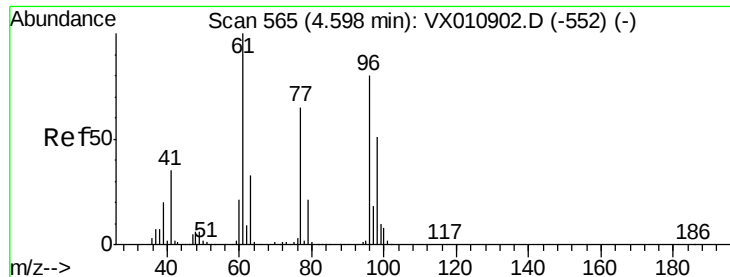
97 25.0 12.6 37.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



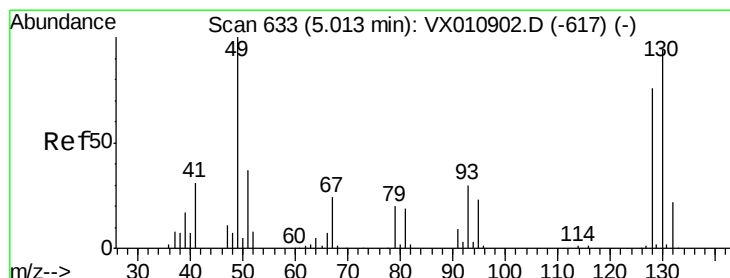
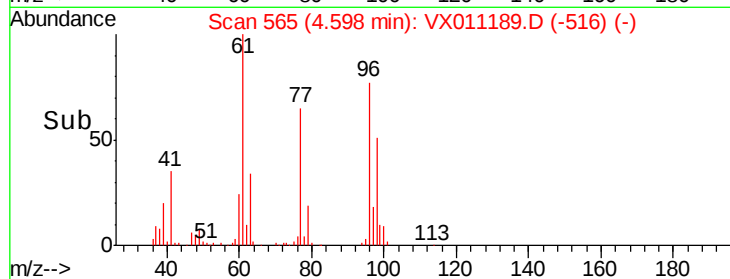
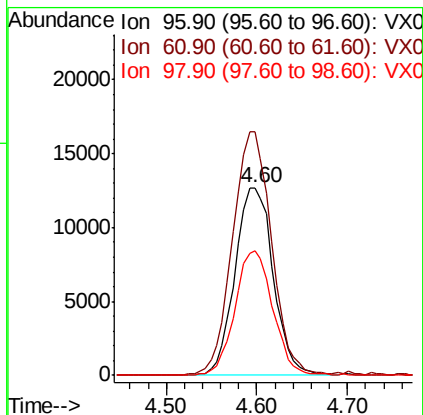
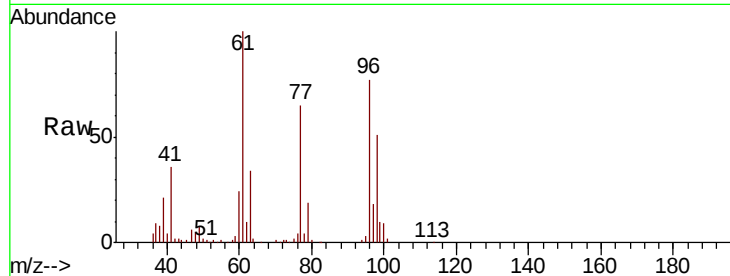


#27

cis-1,2-Dichloroethene
 Concen: 19.435 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX011189.D
 Acq: 30 Jul 2019 12:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0730WBS01

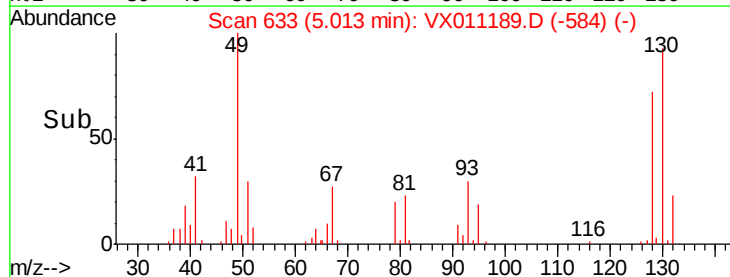
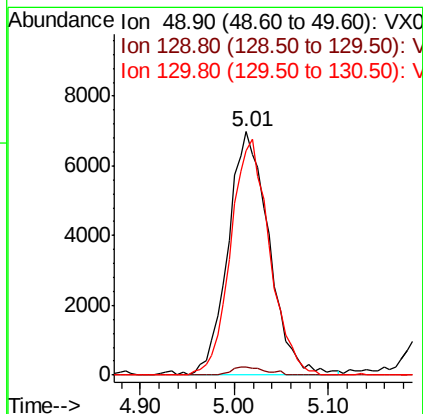
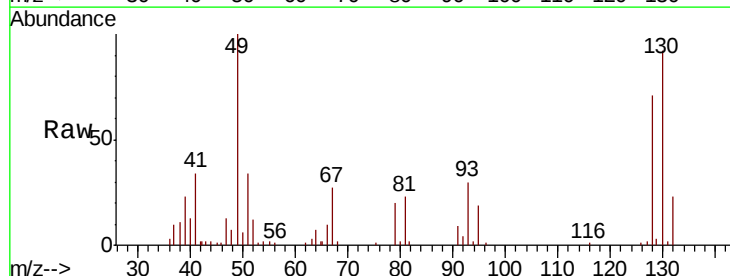
Tgt Ion: 96 Resp: 37235
 Ion Ratio Lower Upper
 96 100
 61 132.4 0.0 269.0
 98 65.4 0.0 131.4

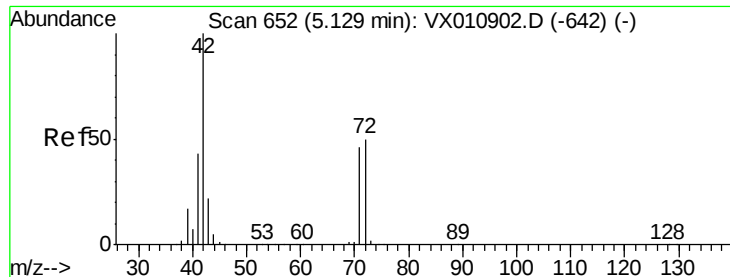


#28

Bromochloromethane
 Concen: 16.147 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: VX011189.D
 Acq: 30 Jul 2019 12:59

Tgt Ion: 49 Resp: 21121
 Ion Ratio Lower Upper
 49 100
 129 2.7 0.0 5.2
 130 92.4 76.9 115.3





#29

Tetrahydrofuran

Concen: 105.346 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX011189.D

Acq: 30 Jul 2019 12:59

Instrument :

MSVOA_X

ClientSampleId :

VX0730WBS01

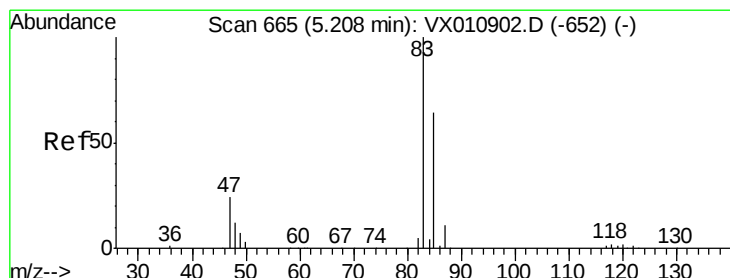
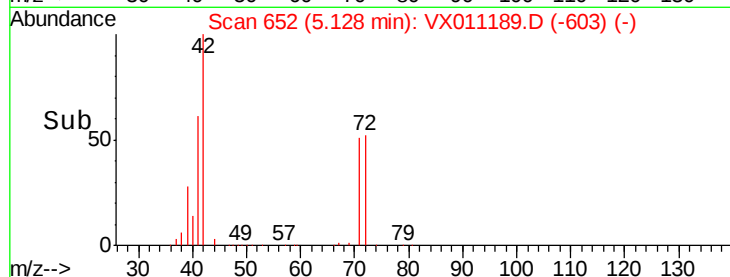
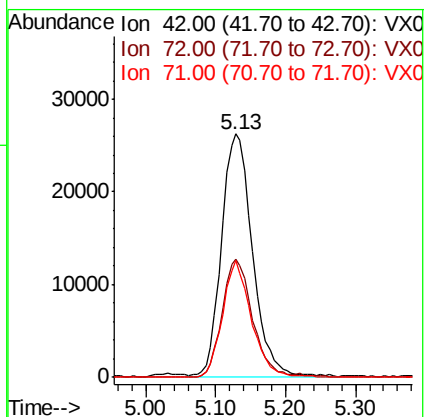
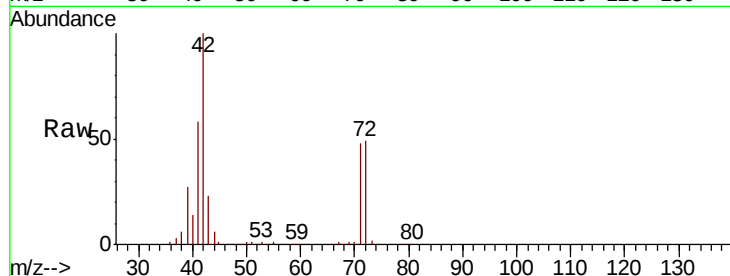
Tgt Ion: 42 Resp: 80618

Ion Ratio Lower Upper

42 100

72 47.9 39.8 59.8

71 44.5 37.0 55.4



#30

Chloroform

Concen: 20.314 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.00 min

Lab File: VX011189.D

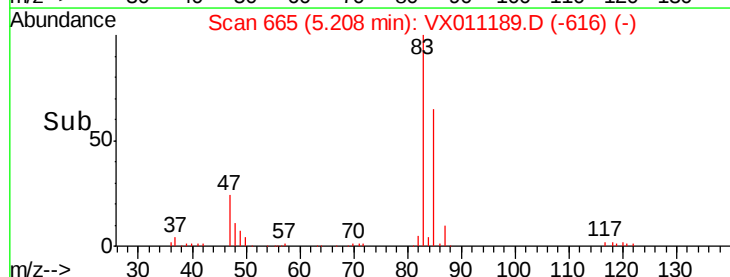
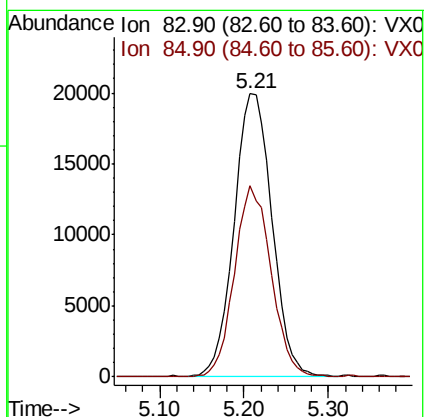
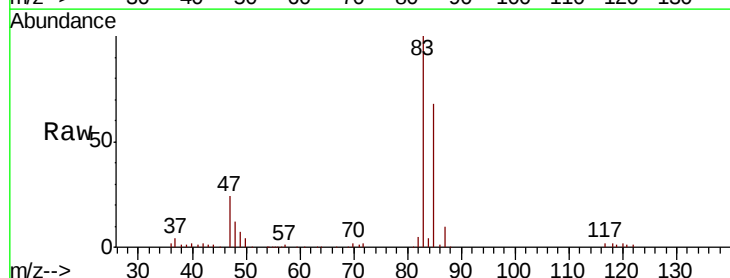
Acq: 30 Jul 2019 12:59

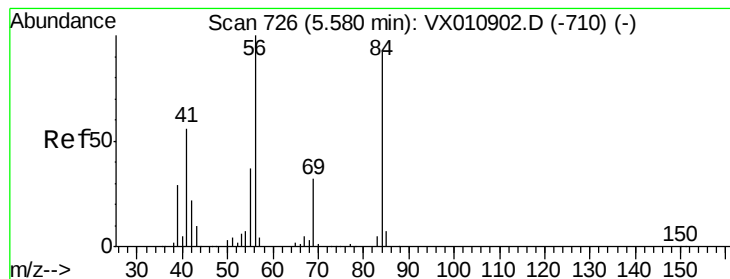
Tgt Ion: 83 Resp: 60948

Ion Ratio Lower Upper

83 100

85 67.7 51.4 77.0





#31

Cyclohexane

Concen: 18.305 ug/l

RT: 5.59 min Scan# 727

Delta R.T. 0.01 min

Lab File: VX011189.D

Acq: 30 Jul 2019 12:59

Instrument :

MSVOA_X

ClientSampleId :

VX0730WBS01

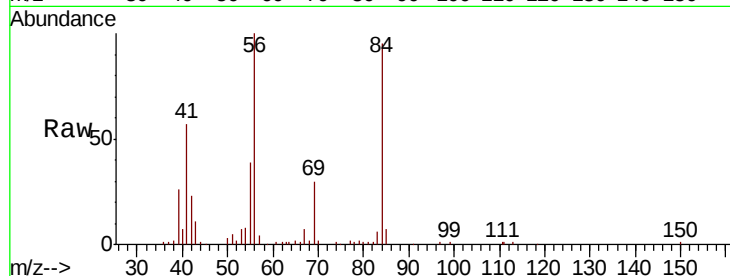
Tgt Ion: 56 Resp: 46314

Ion Ratio Lower Upper

56 100

69 29.6 25.8 38.8

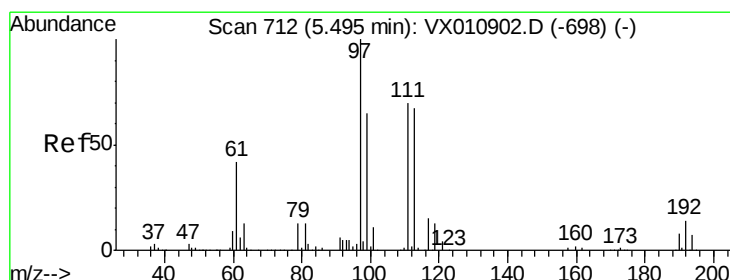
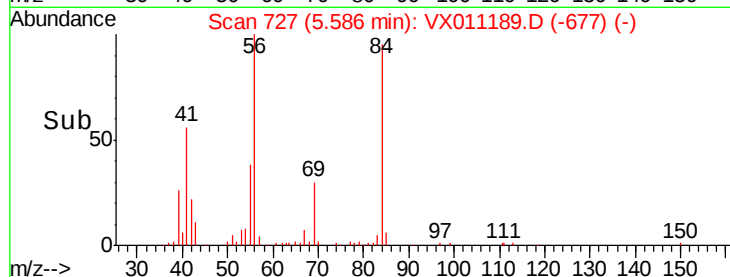
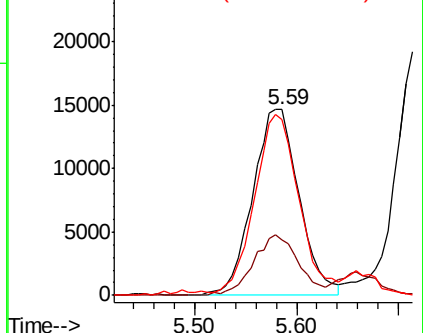
84 92.7 73.8 110.6



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 19.550 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX011189.D

Acq: 30 Jul 2019 12:59

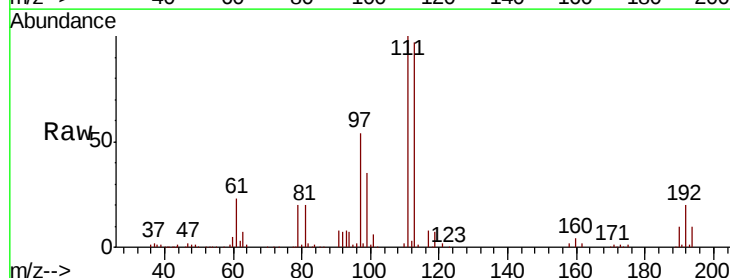
Tgt Ion: 97 Resp: 50747

Ion Ratio Lower Upper

97 100

99 65.2 51.4 77.0

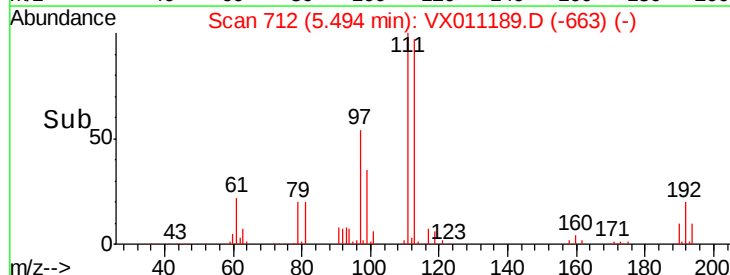
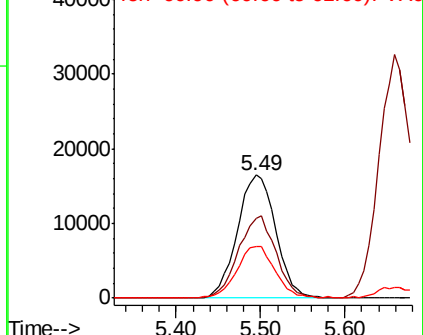
61 42.1 33.0 49.6

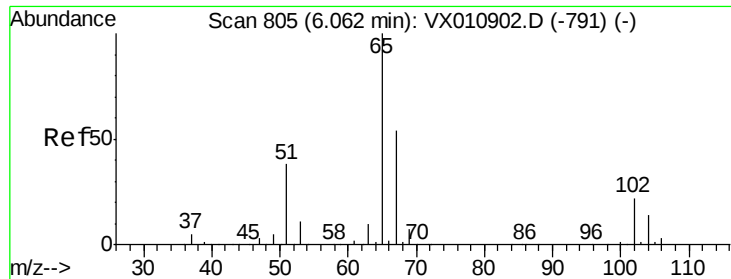


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

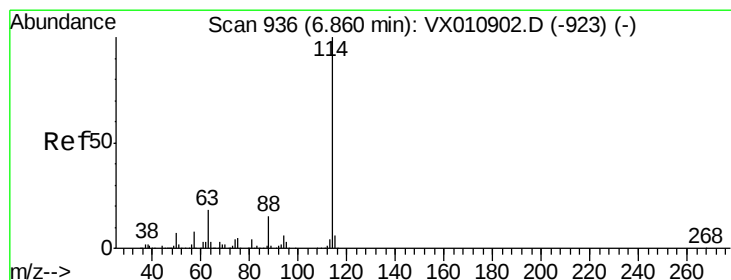
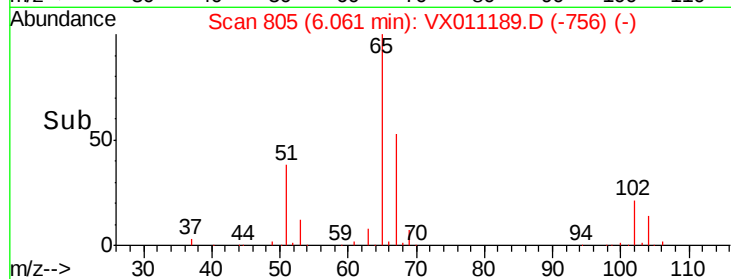
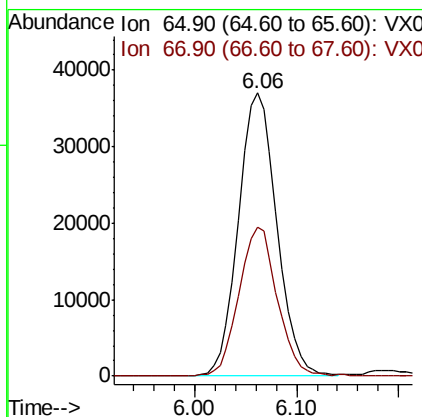
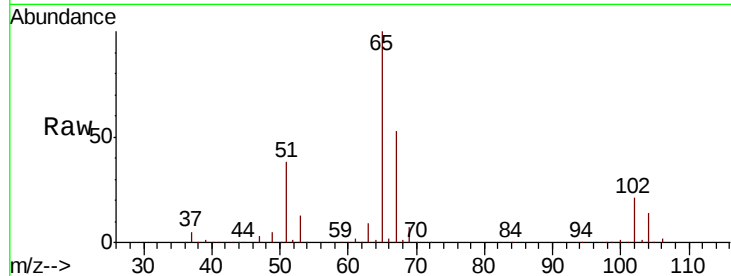




#33
 1,2-Dichloroethane-d4
 Concen: 52.107 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX011189.D
 Acq: 30 Jul 2019 12:59

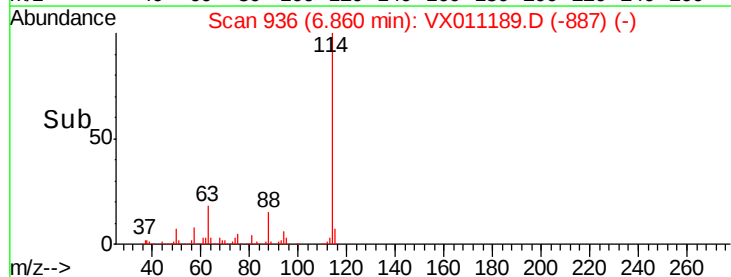
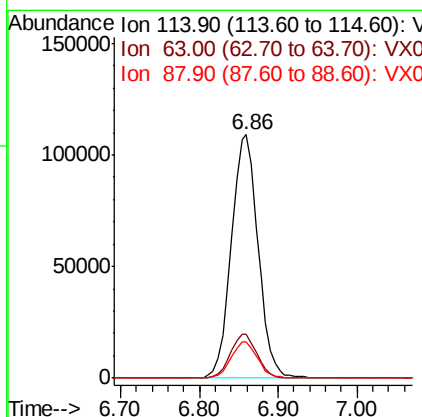
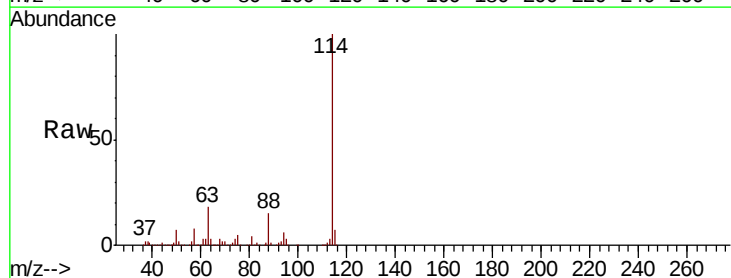
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0730WBS01

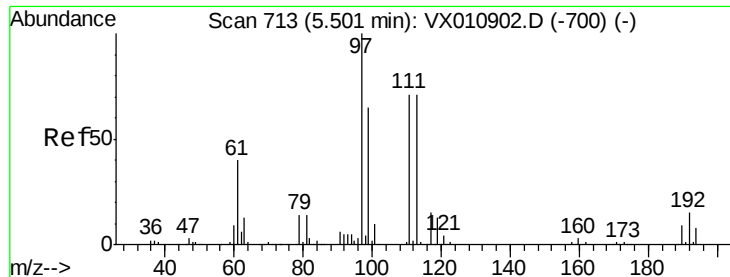
Tgt Ion: 65 Resp: 97096
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX011189.D
 Acq: 30 Jul 2019 12:59

Tgt Ion: 114 Resp: 256792
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 35.6
 88 14.8 0.0 29.8





#35

Dibromofluoromethane

Concen: 53.435 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX011189.D

Acq: 30 Jul 2019 12:59

Instrument :

MSVOA_X

ClientSampleId :

VX0730WBS01

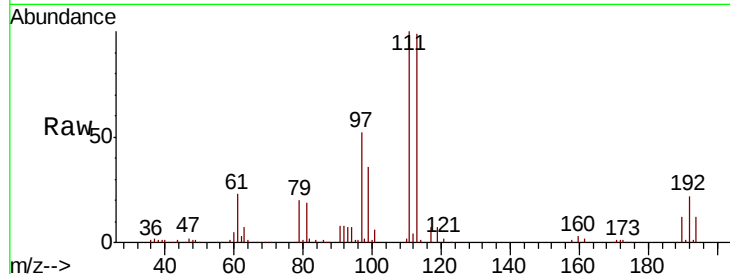
Tgt Ion:113 Resp: 87094

Ion Ratio Lower Upper

113 100

111 100.7 82.3 123.5

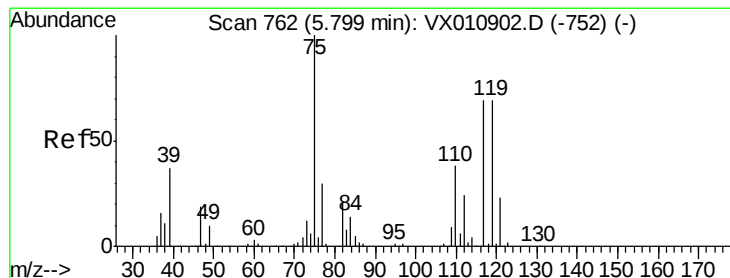
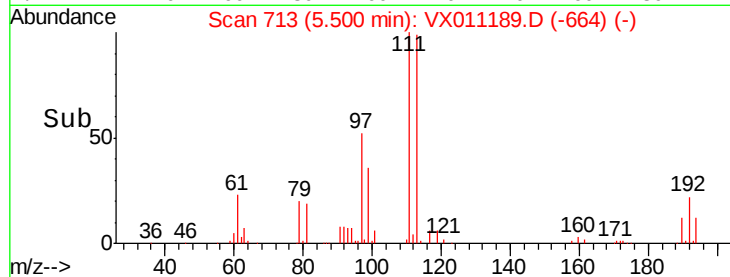
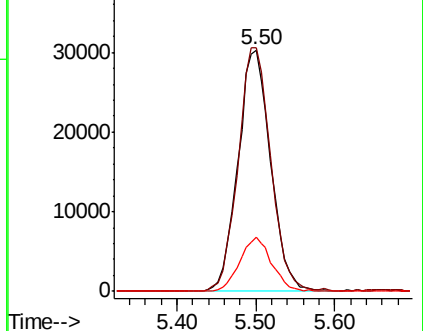
192 21.9 17.4 26.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.598 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX011189.D

Acq: 30 Jul 2019 12:59

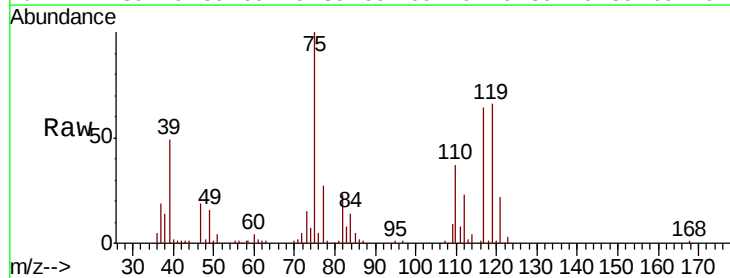
Tgt Ion: 75 Resp: 41339

Ion Ratio Lower Upper

75 100

110 38.5 19.9 59.7

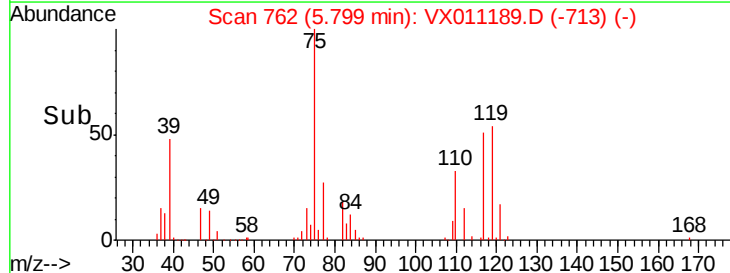
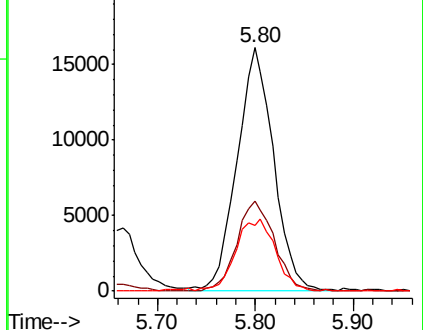
77 31.9 25.0 37.4

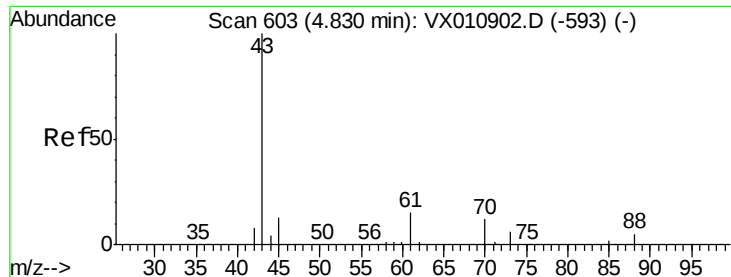


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 20.992 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.00 min

Lab File: VX011189.D

Acq: 30 Jul 2019 12:59

Instrument :

MSVOA_X

ClientSampleId :

VX0730WBS01

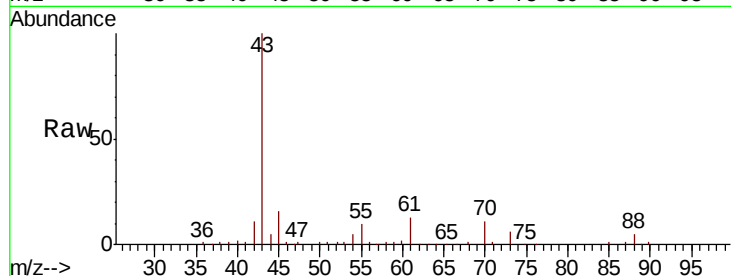
Tgt Ion: 43 Resp: 45341

Ion Ratio Lower Upper

43 100

61 15.7 11.6 17.4

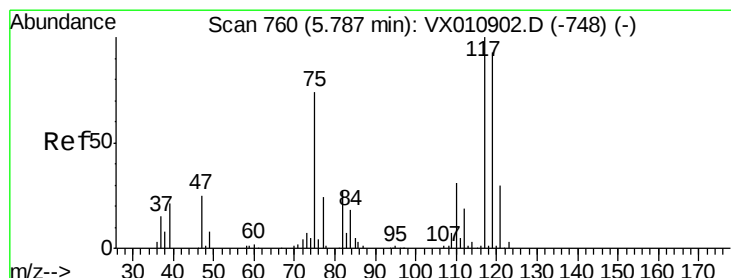
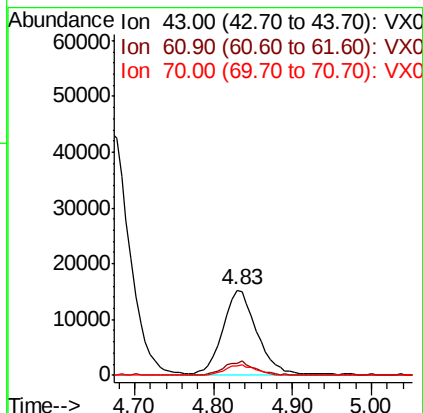
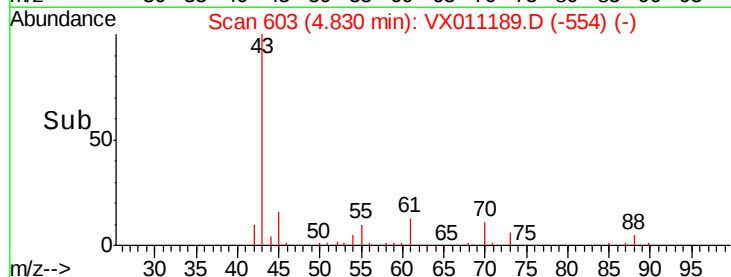
70 12.1 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 19.920 ug/l

RT: 5.79 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX011189.D

Acq: 30 Jul 2019 12:59

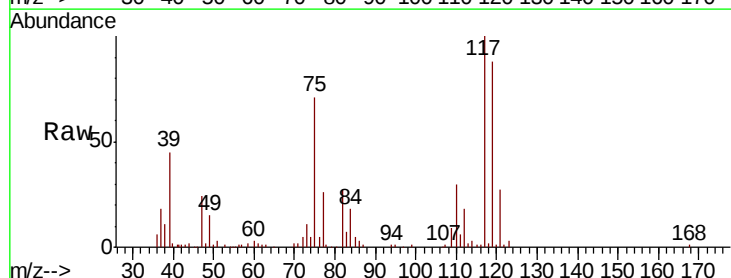
Tgt Ion: 117 Resp: 43783

Ion Ratio Lower Upper

117 100

119 87.7 74.2 111.2

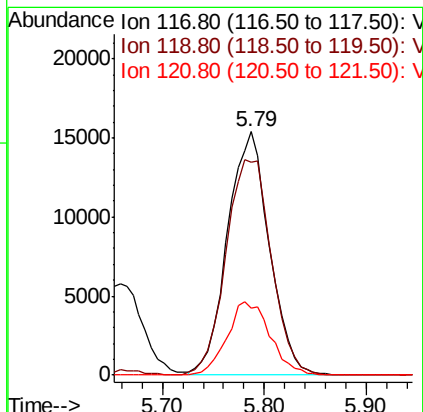
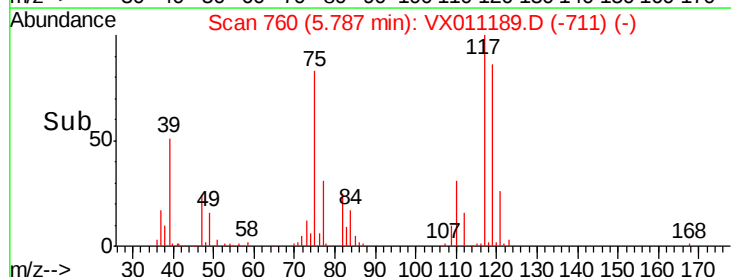
121 27.4 24.2 36.2

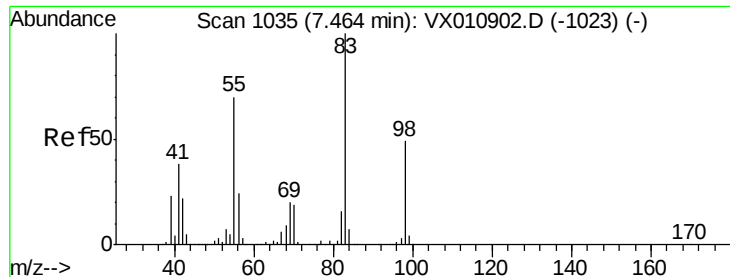


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

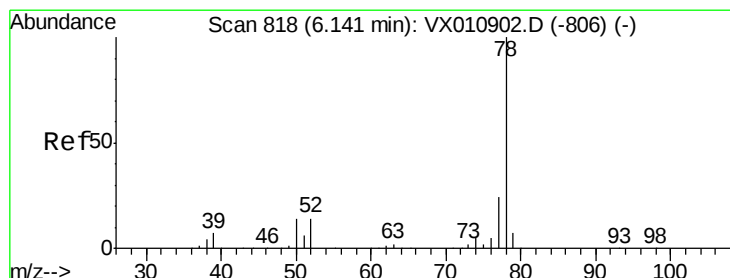
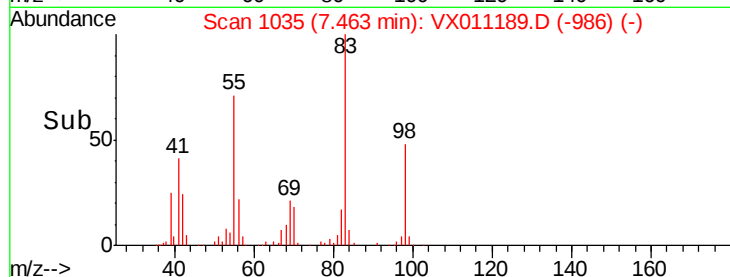
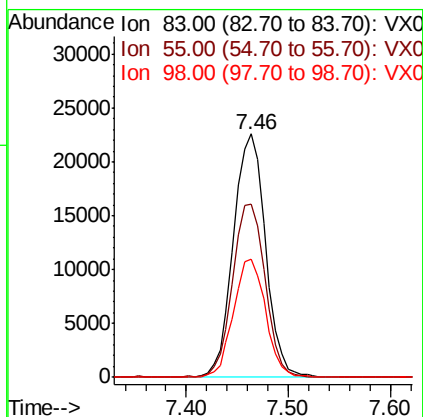
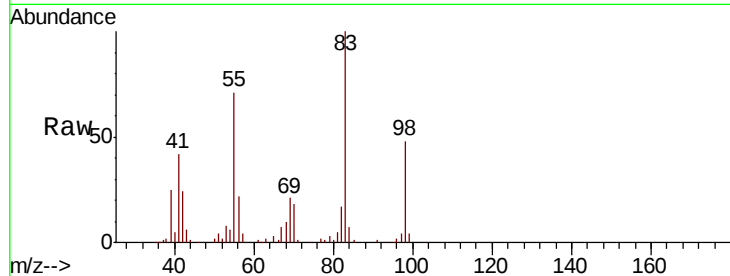




#39
Methylcyclohexane
Concen: 18.036 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX011189.D
Acq: 30 Jul 2019 12:59

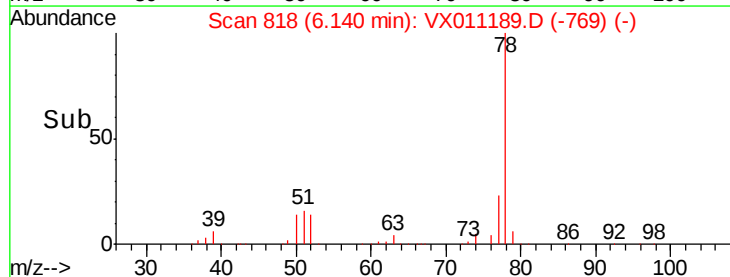
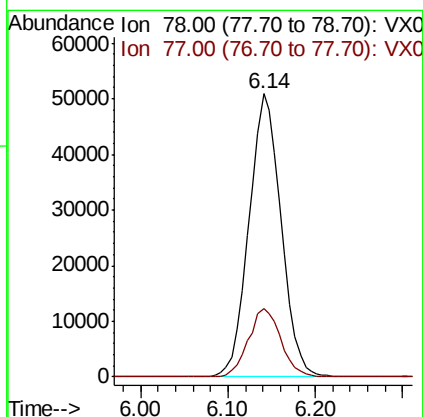
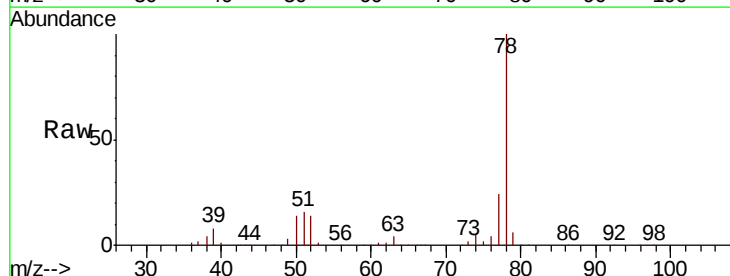
Instrument :
MSVOA_X
ClientSampleId :
VX0730WBS01

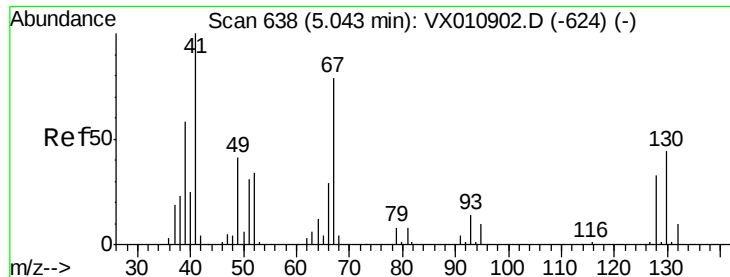
Tgt Ion: 83 Resp: 49336
Ion Ratio Lower Upper
83 100
55 71.1 56.2 84.4
98 48.4 39.0 58.4



#40
Benzene
Concen: 20.089 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX011189.D
Acq: 30 Jul 2019 12:59

Tgt Ion: 78 Resp: 129800
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.6





#41

Methacrylonitrile

Concen: 20.345 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX011189.D

Acq: 30 Jul 2019 12:59

Instrument :

MSVOA_X

ClientSampled :

VX0730WBS01

Tgt Ion: 41 Resp: 24945

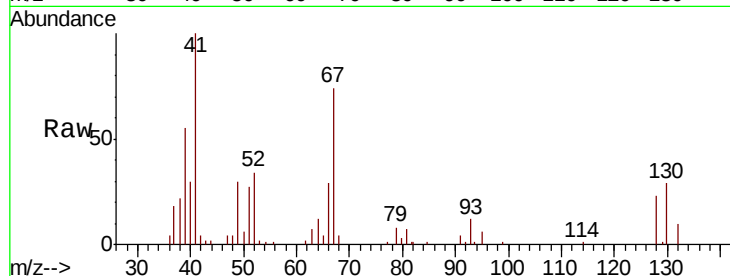
Ion Ratio Lower Upper

41 100

39 53.5 45.4 68.2

67 81.1 65.9 98.9

52 31.3 26.2 39.2

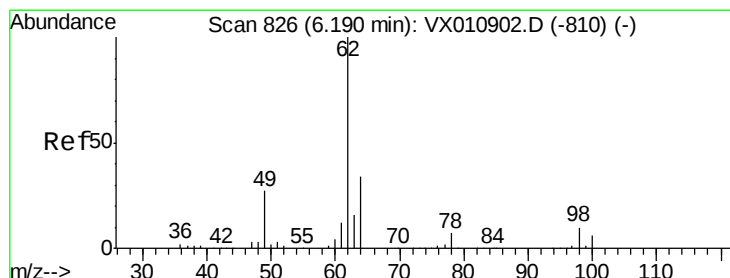
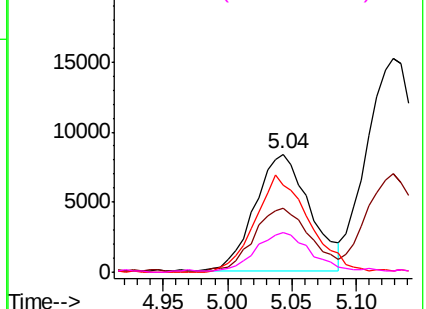
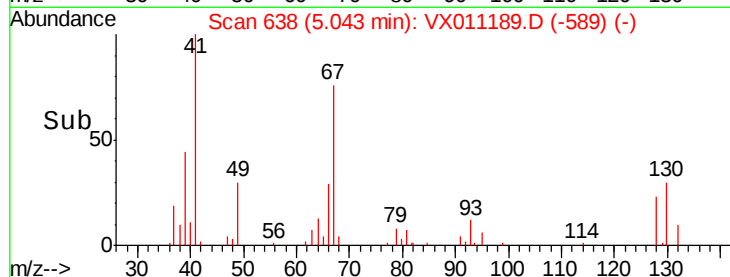


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 20.885 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.01 min

Lab File: VX011189.D

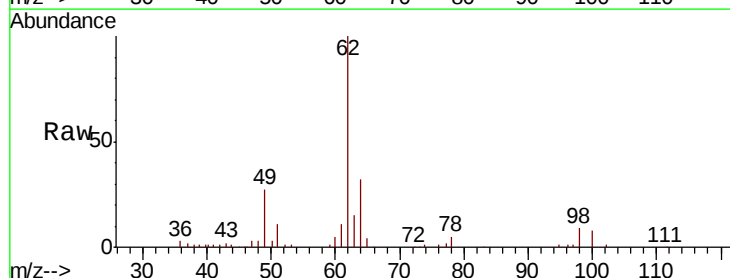
Acq: 30 Jul 2019 12:59

Tgt Ion: 62 Resp: 46920

Ion Ratio Lower Upper

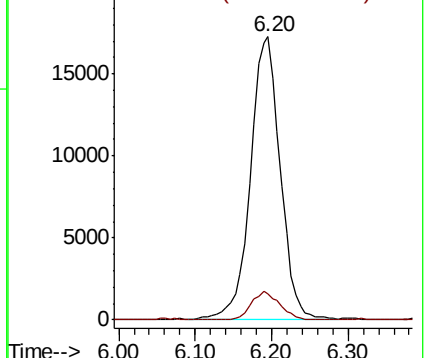
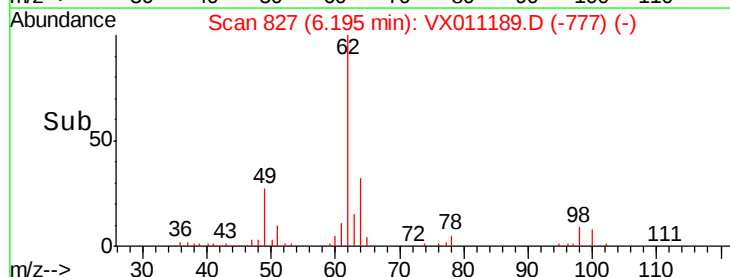
62 100

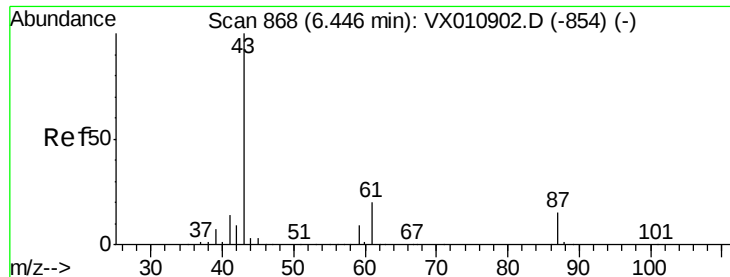
98 9.6 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 20.158 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX011189.D

Acq: 30 Jul 2019 12:59

Instrument :

MSVOA_X

ClientSampleId :

VX0730WBS01

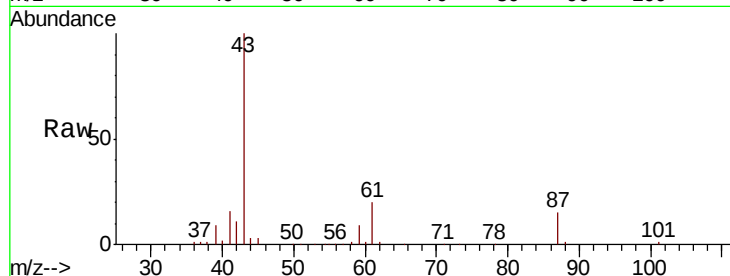
Tgt Ion: 43 Resp: 71592

Ion Ratio Lower Upper

43 100

61 20.8 17.1 25.7

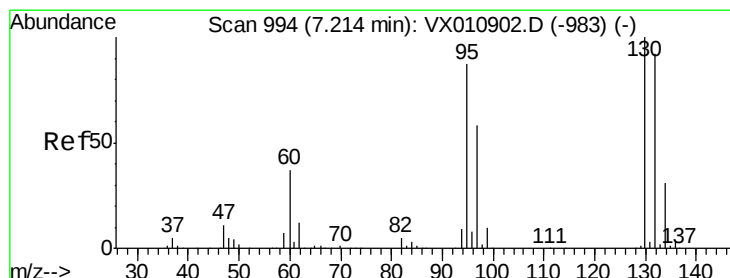
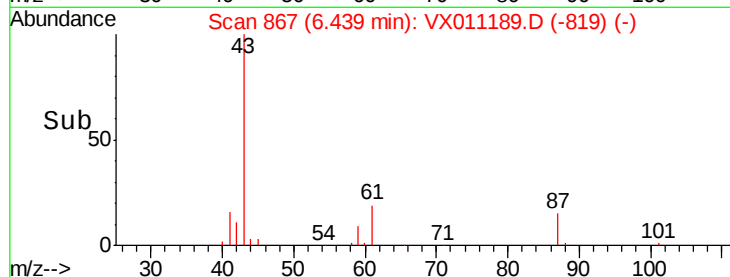
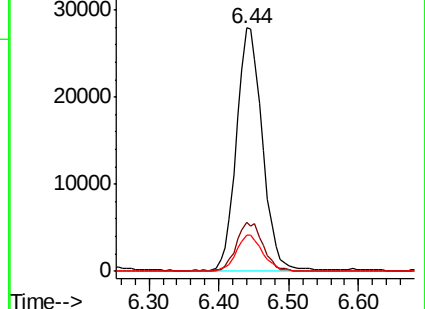
87 15.1 12.0 18.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 19.263 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX011189.D

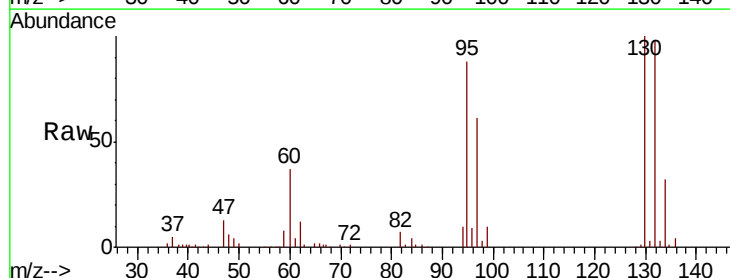
Acq: 30 Jul 2019 12:59

Tgt Ion: 130 Resp: 36842

Ion Ratio Lower Upper

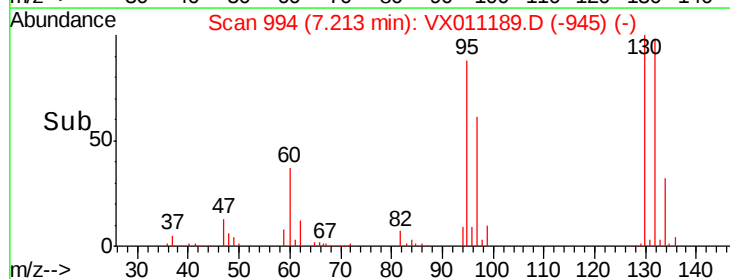
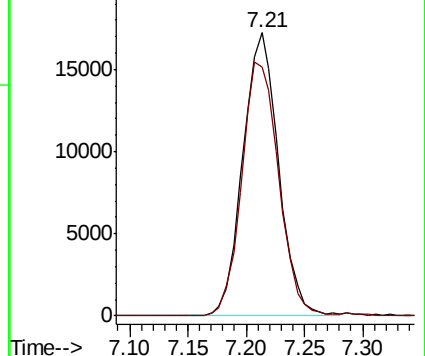
130 100

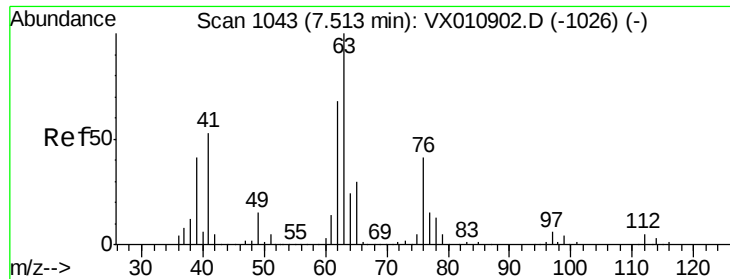
95 88.1 0.0 174.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

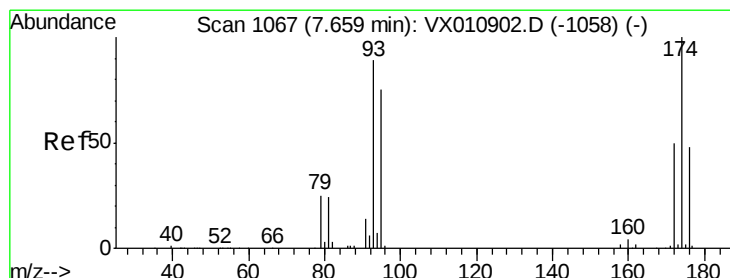
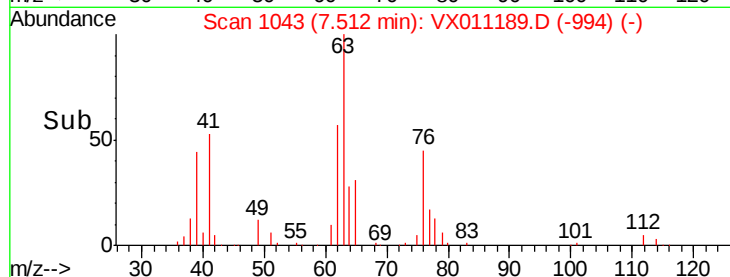
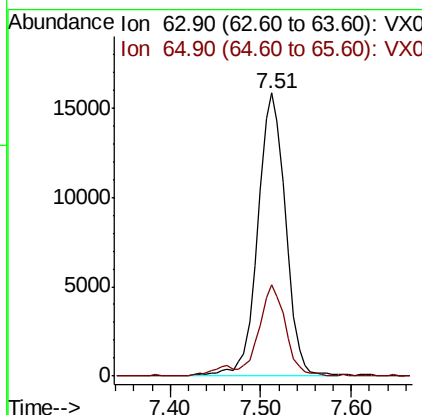
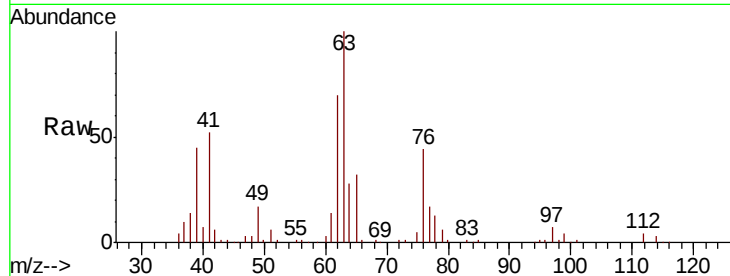




#45
 1,2-Dichloropropane
 Concen: 20.445 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX011189.D
 Acq: 30 Jul 2019 12:59

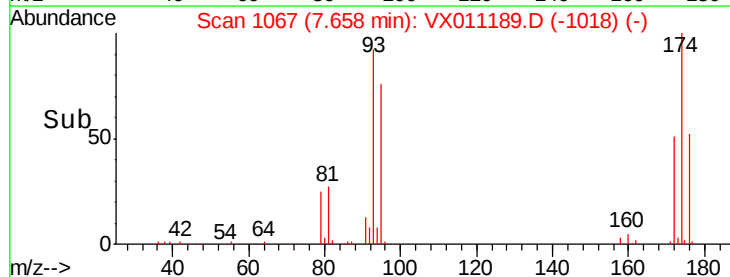
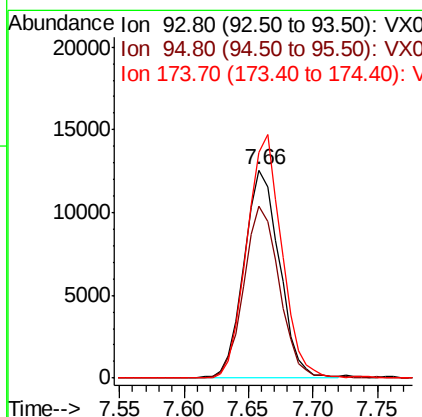
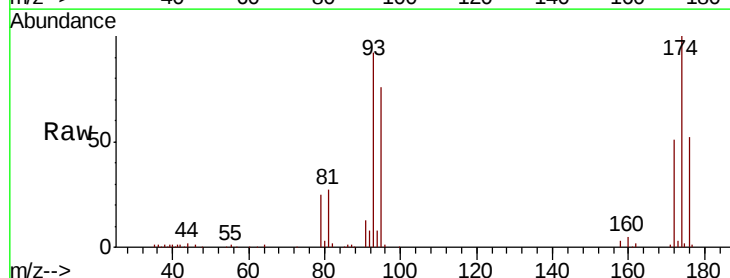
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0730WBS01

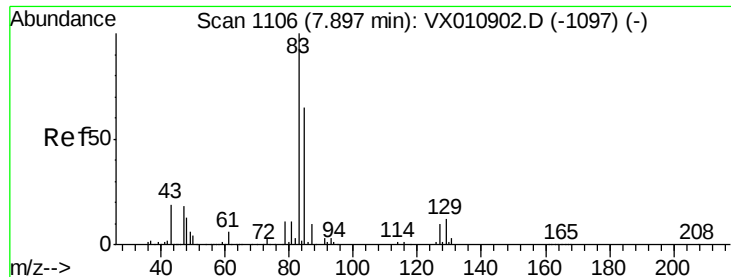
Tgt Ion: 63 Resp: 33622
 Ion Ratio Lower Upper
 63 100
 65 32.1 24.4 36.6



#46
 Dibromomethane
 Concen: 20.365 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX011189.D
 Acq: 30 Jul 2019 12:59

Tgt Ion: 93 Resp: 23931
 Ion Ratio Lower Upper
 93 100
 95 82.7 67.2 100.8
 174 114.6 90.6 135.8





#47

Bromodichloromethane

Concen: 20.320 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX011189.D

Acq: 30 Jul 2019 12:59

Instrument :

MSVOA_X

ClientSampleId :

VX0730WBS01

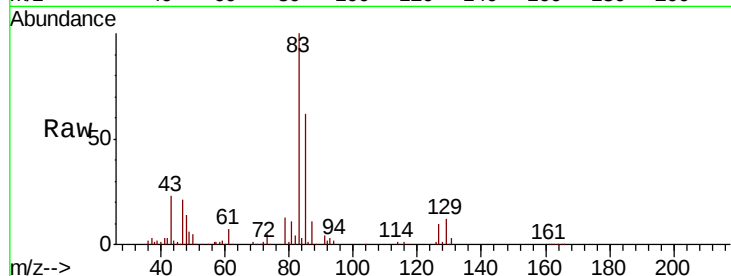
Tgt Ion: 83 Resp: 42505

Ion Ratio Lower Upper

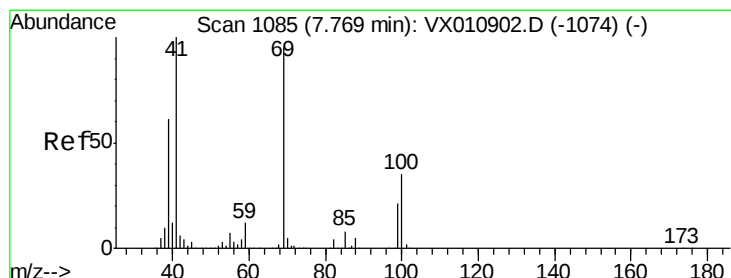
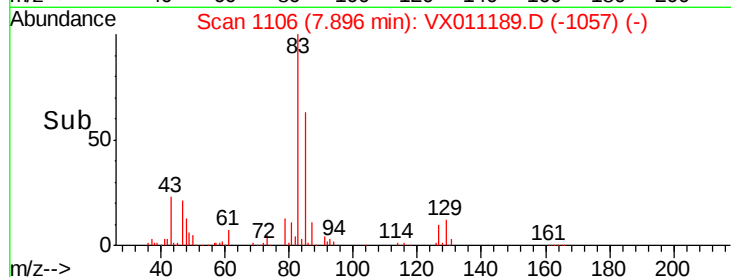
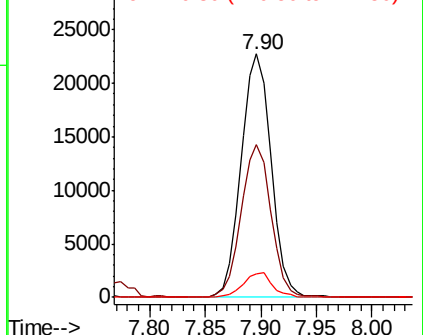
83 100

85 62.5 52.5 78.7

127 9.7 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: 20.663 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX011189.D

Acq: 30 Jul 2019 12:59

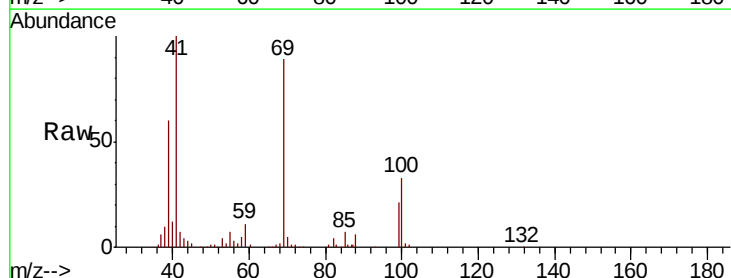
Tgt Ion: 41 Resp: 35749

Ion Ratio Lower Upper

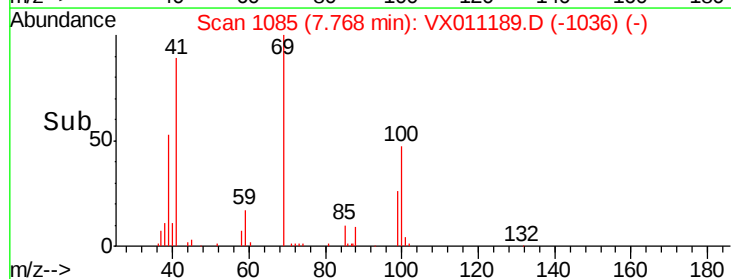
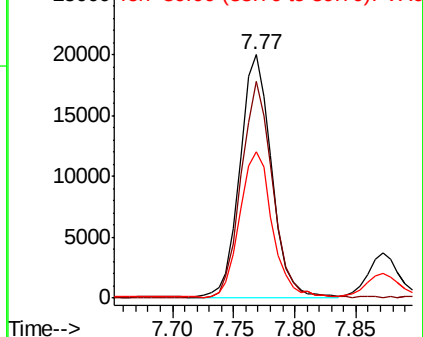
41 100

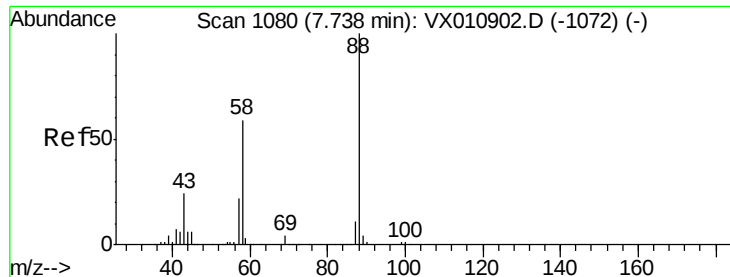
69 89.0 74.4 111.6

39 62.8 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

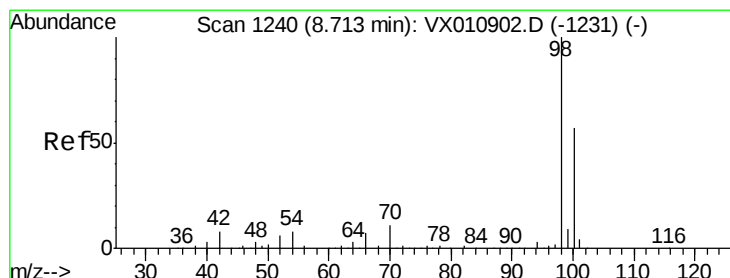
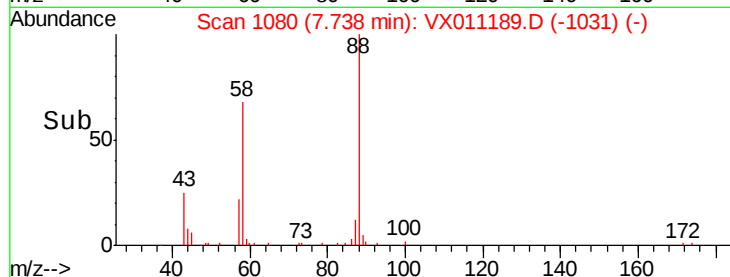
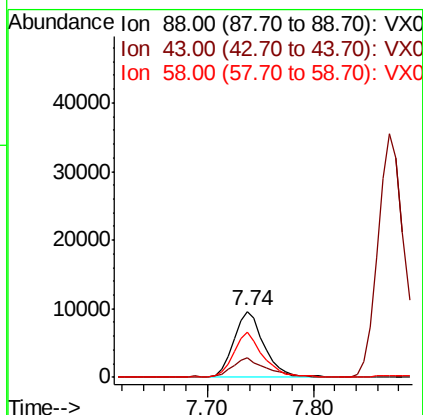
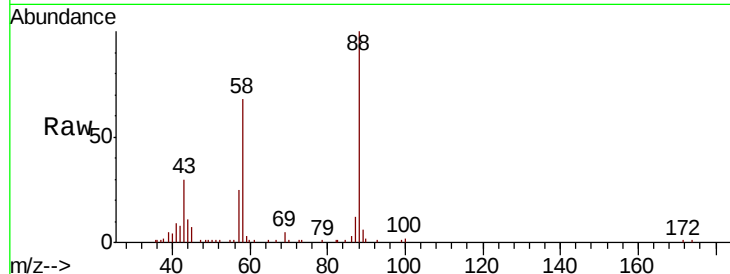




#49
 1,4-Dioxane
 Concen: 396.424 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: VX011189.D
 Acq: 30 Jul 2019 12:59

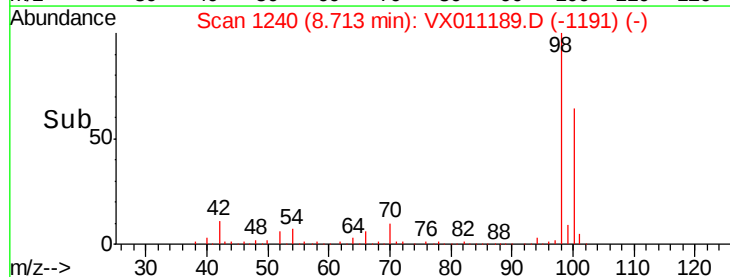
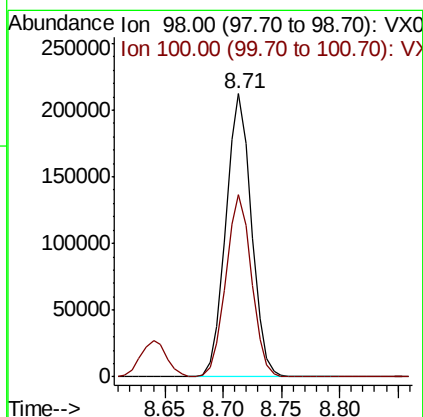
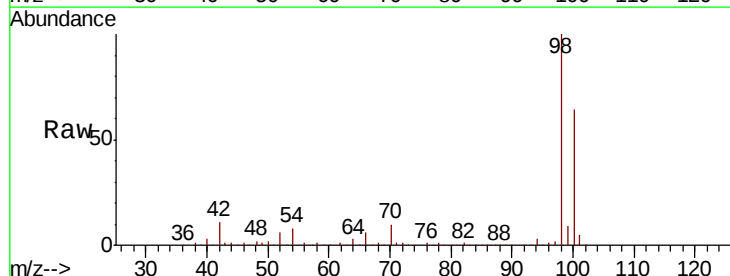
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0730WBS01

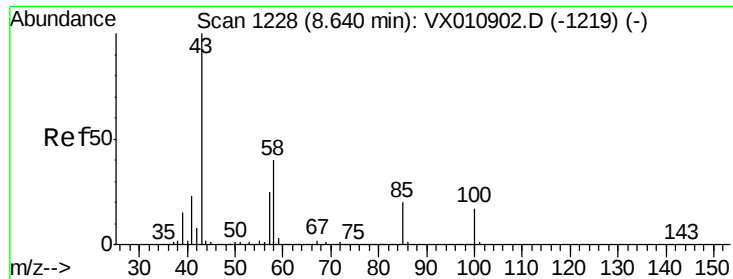
Tgt Ion: 88 Resp: 19185
 Ion Ratio Lower Upper
 88 100
 43 34.5 22.9 34.3#
 58 66.1 49.8 74.8



#50
 Toluene-d8
 Concen: 52.880 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX011189.D
 Acq: 30 Jul 2019 12:59

Tgt Ion: 98 Resp: 323267
 Ion Ratio Lower Upper
 98 100
 100 64.7 50.6 75.8

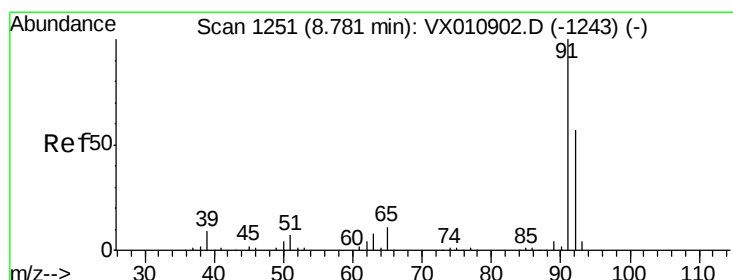
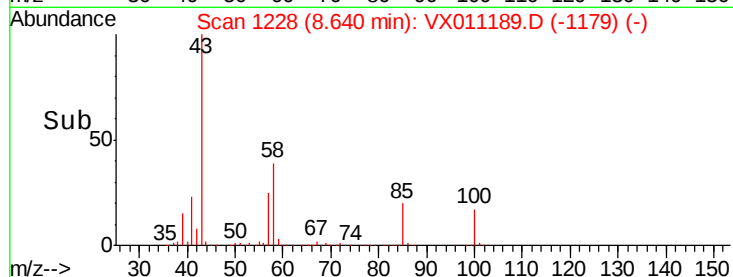
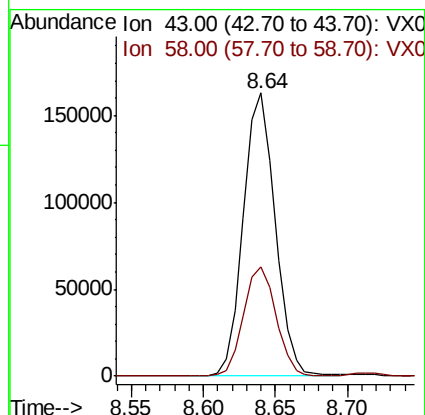
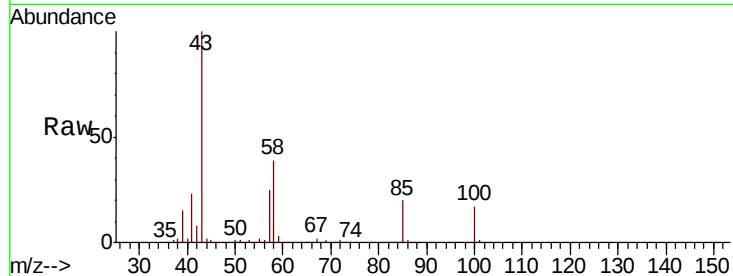




#51
4-Methyl-2-Pentanone
Concen: 108.647 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX011189.D
Acq: 30 Jul 2019 12:59

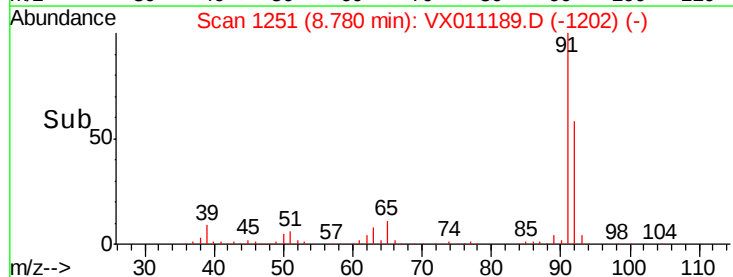
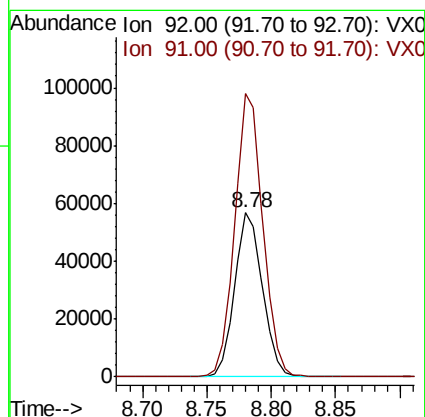
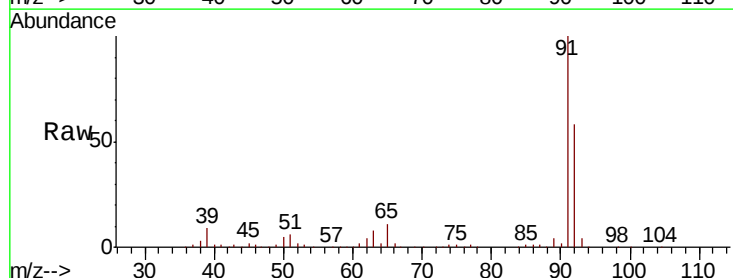
Instrument :
MSVOA_X
ClientSampleId :
VX0730WBS01

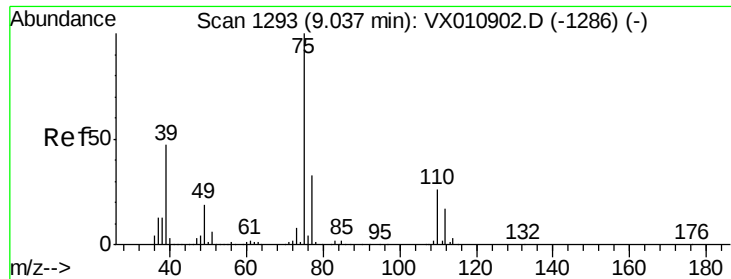
Tgt Ion: 43 Resp: 250129
Ion Ratio Lower Upper
43 100
58 39.6 32.2 48.4



#52
Toluene
Concen: 20.172 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.00 min
Lab File: VX011189.D
Acq: 30 Jul 2019 12:59

Tgt Ion: 92 Resp: 85621
Ion Ratio Lower Upper
92 100
91 174.4 139.4 209.0

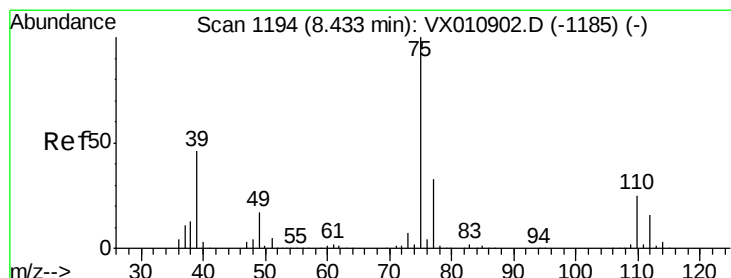
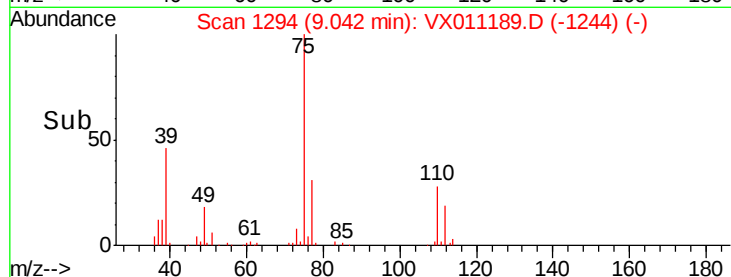
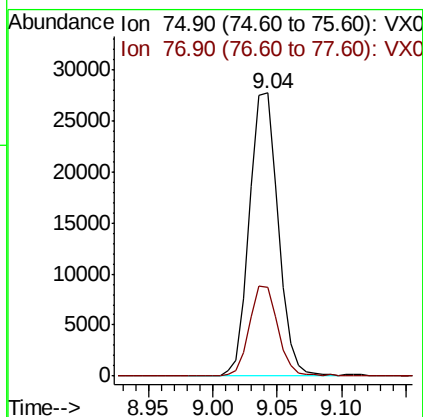
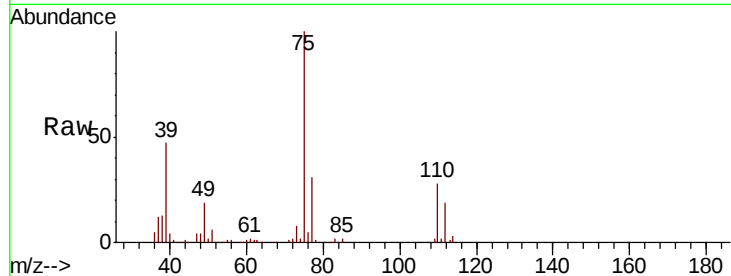




#53
t-1,3-Dichloropropene
Concen: 18.943 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.01 min
Lab File: VX011189.D
Acq: 30 Jul 2019 12:59

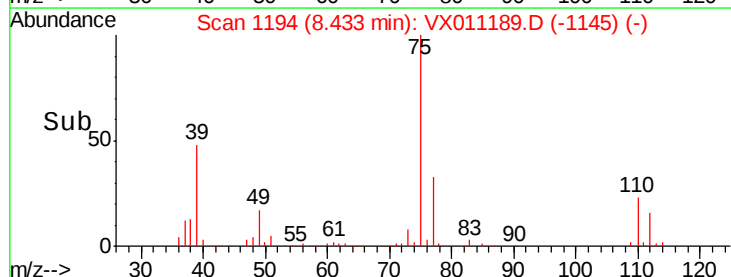
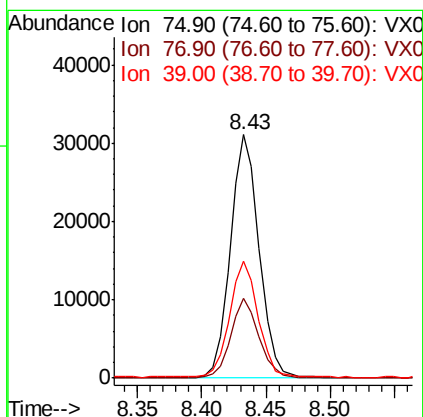
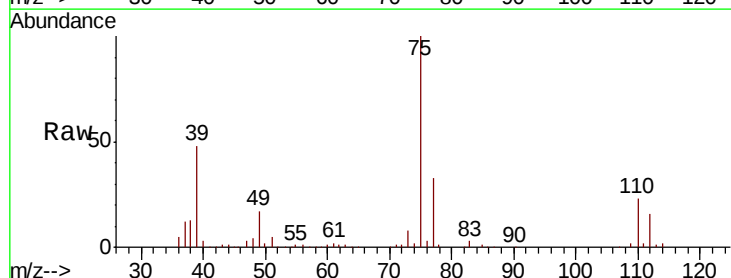
Instrument :
MSVOA_X
ClientSampleId :
VX0730WBS01

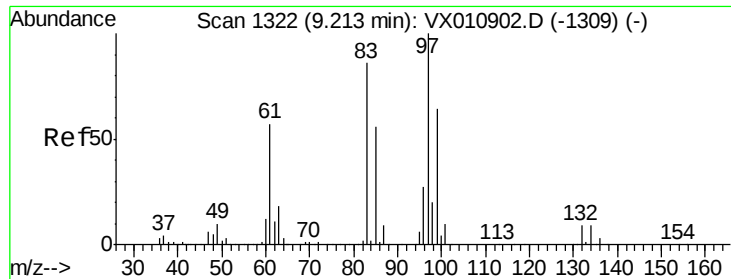
Tgt Ion: 75 Resp: 42608
Ion Ratio Lower Upper
75 100
77 31.3 26.2 39.2



#54
cis-1,3-Dichloropropene
Concen: 19.373 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX011189.D
Acq: 30 Jul 2019 12:59

Tgt Ion: 75 Resp: 48486
Ion Ratio Lower Upper
75 100
77 32.6 26.1 39.1
39 47.9 36.6 54.8

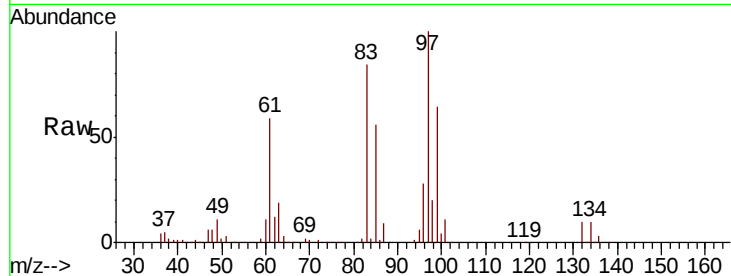




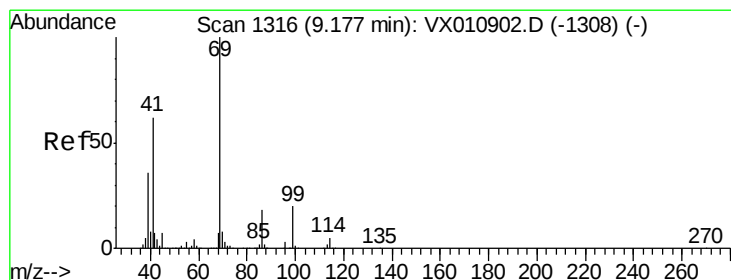
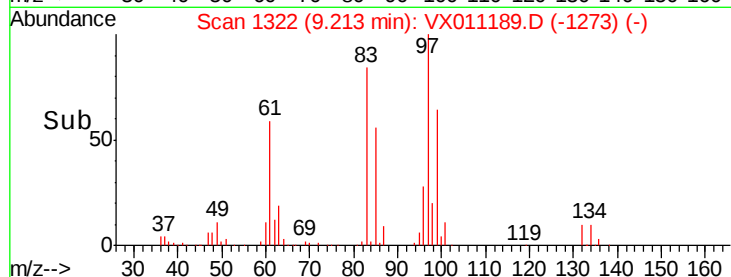
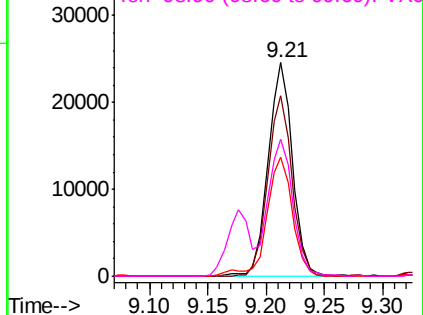
#55
 1,1,2-Trichloroethane
 Concen: 20.499 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX011189.D
 Acq: 30 Jul 2019 12:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0730WBS01

Tgt Ion:	97	Resp:	35826
Ion	Ratio	Lower	Upper
97	100		
83	84.3	69.2	103.8
85	55.8	44.6	66.8
99	64.2	51.2	76.8

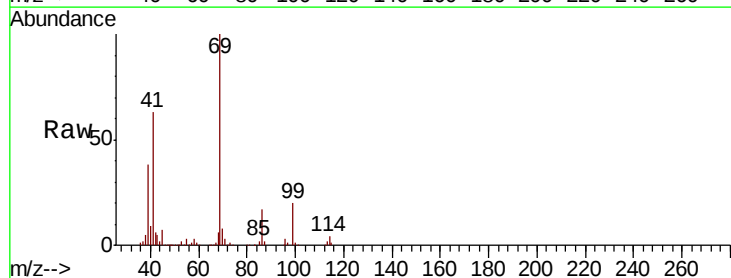


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

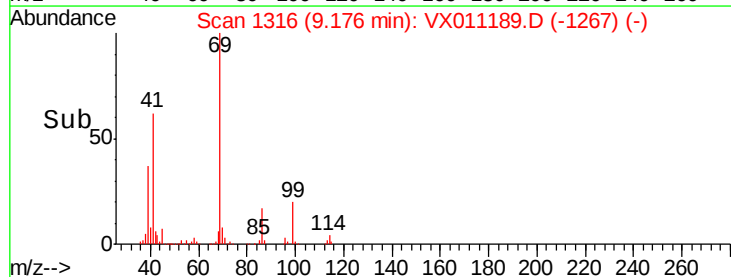
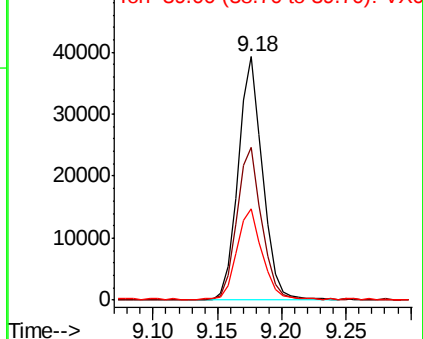


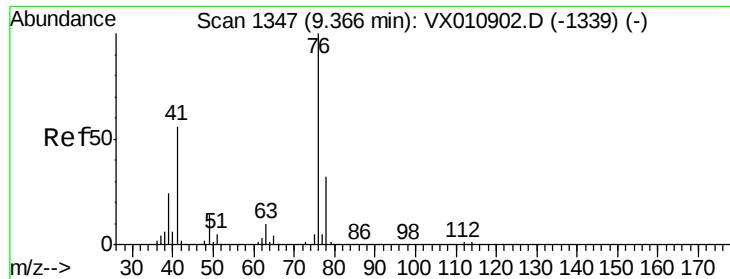
#56
 Ethyl methacrylate
 Concen: 20.227 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX011189.D
 Acq: 30 Jul 2019 12:59

Tgt Ion:	69	Resp:	51710
Ion	Ratio	Lower	Upper
69	100		
41	63.7	49.7	74.5
39	38.4	29.6	44.4



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

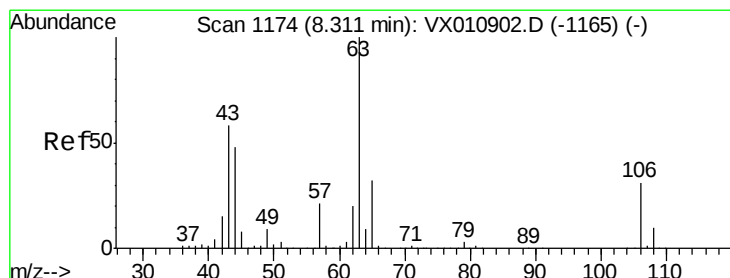
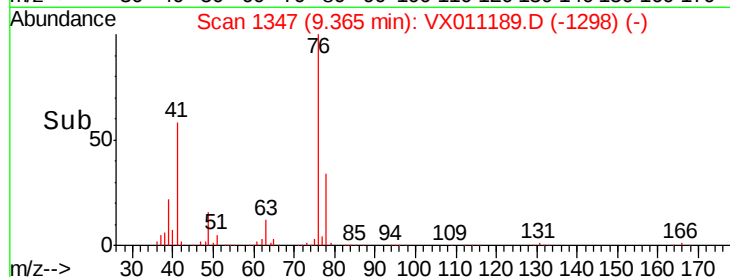
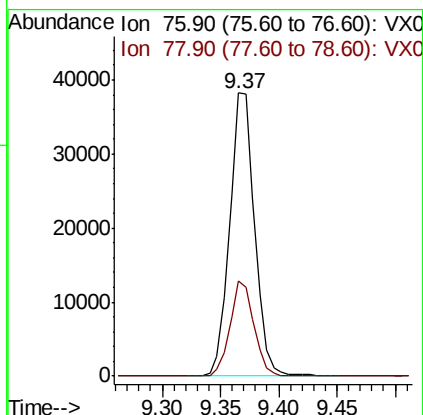
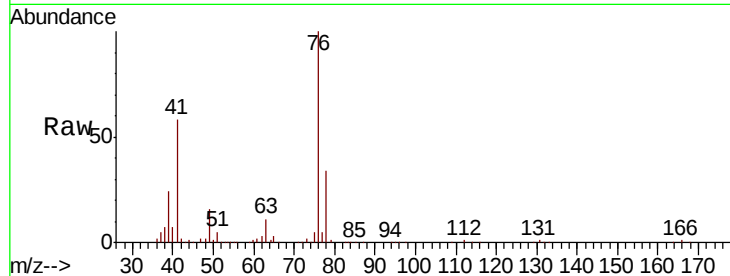




#57
 1,3-Dichloropropane
 Concen: 20.563 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. -0.00 min
 Lab File: VX011189.D
 Acq: 30 Jul 2019 12:59

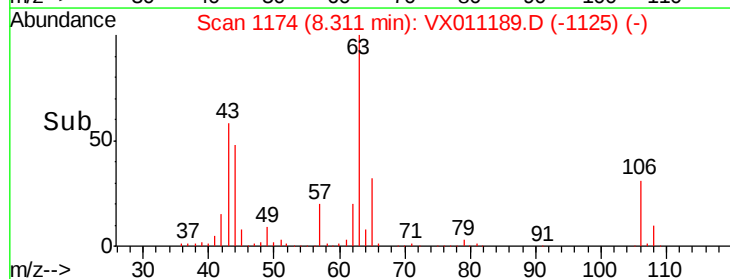
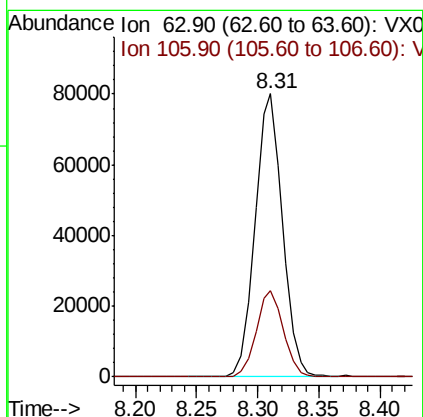
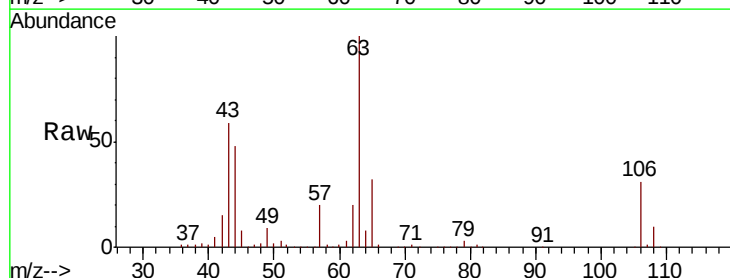
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0730WBS01

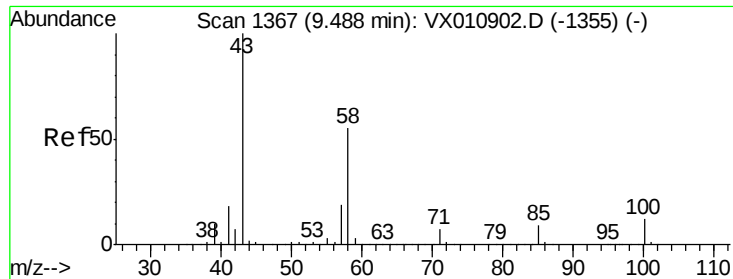
Tgt Ion: 76 Resp: 57010
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 102.457 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX011189.D
 Acq: 30 Jul 2019 12:59

Tgt Ion: 63 Resp: 125034
 Ion Ratio Lower Upper
 63 100
 106 30.2 24.0 36.0

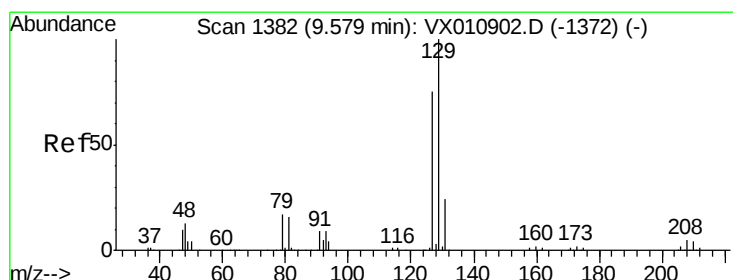
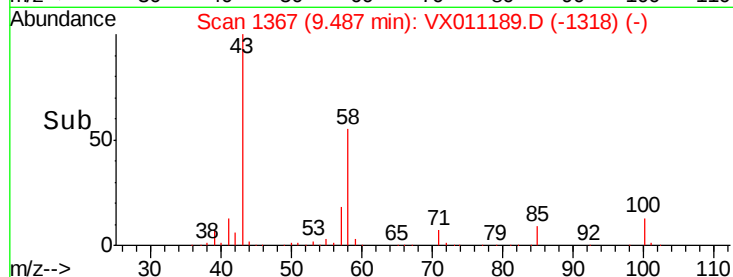
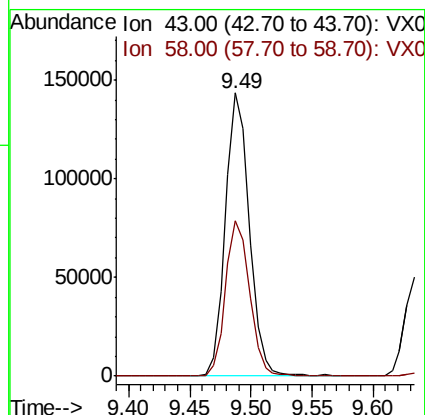
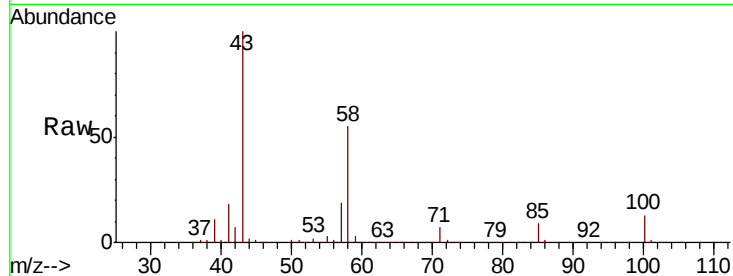




#59
2-Hexanone
Concen: 108.943 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX011189.D
Acq: 30 Jul 2019 12:59

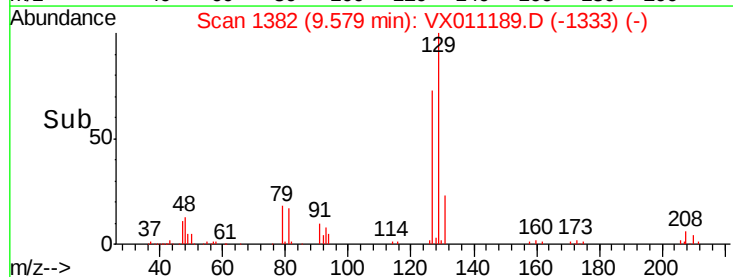
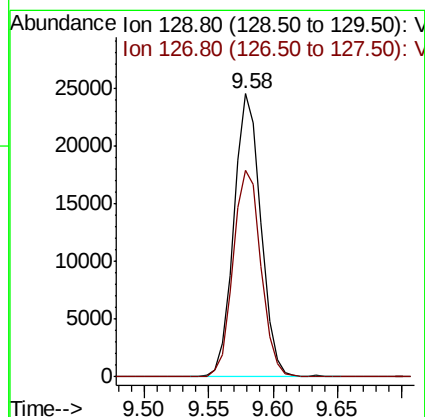
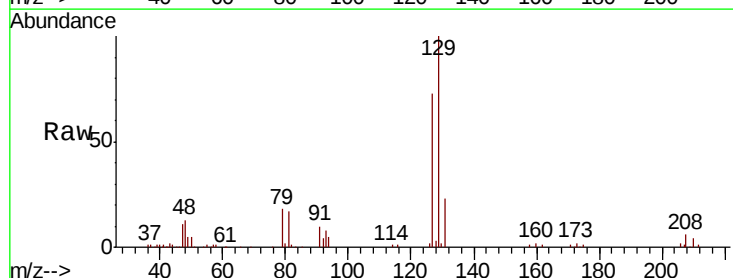
Instrument :
MSVOA_X
ClientSampleId :
VX0730WBS01

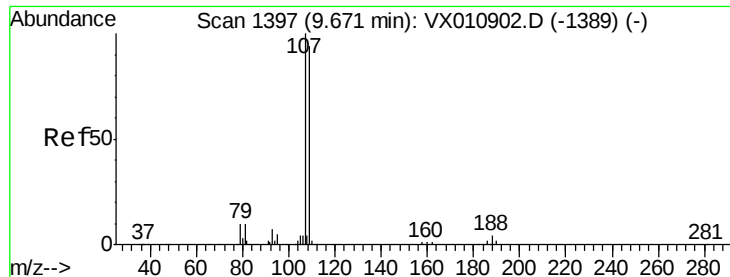
Tgt Ion: 43 Resp: 194533
Ion Ratio Lower Upper
43 100
58 55.8 28.0 83.9



#60
Dibromochloromethane
Concen: 19.464 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX011189.D
Acq: 30 Jul 2019 12:59

Tgt Ion: 129 Resp: 35879
Ion Ratio Lower Upper
129 100
127 75.4 38.6 115.8





#61

1,2-Dibromoethane

Concen: 20.304 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX011189.D

Acq: 30 Jul 2019 12:59

Instrument :

MSVOA_X

ClientSampleId :

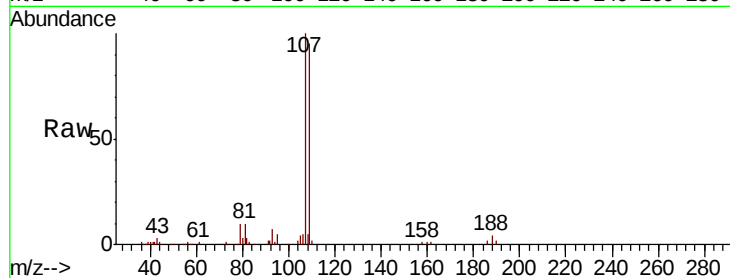
VX0730WBS01

Tgt Ion:107 Resp: 37659

Ion Ratio Lower Upper

107 100

109 93.3 75.4 113.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

30000

25000

20000

15000

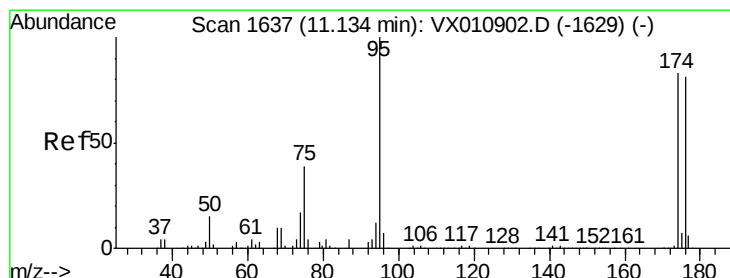
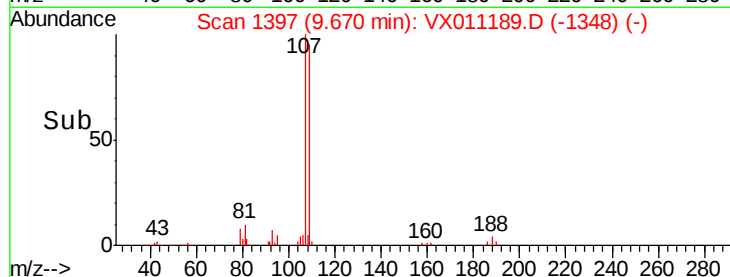
10000

5000

0

Time-->

9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 52.719 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011189.D

Acq: 30 Jul 2019 12:59

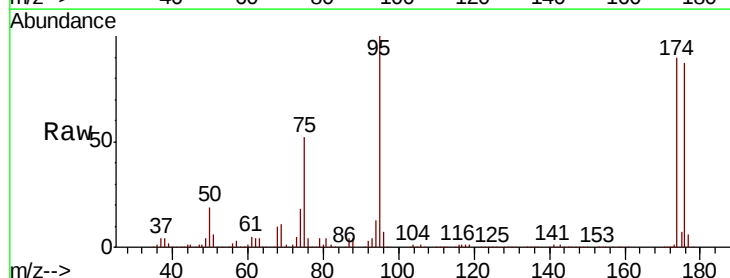
Tgt Ion: 95 Resp: 118461

Ion Ratio Lower Upper

95 100

174 91.8 0.0 180.6

176 89.3 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

11.13

120000

100000

80000

60000

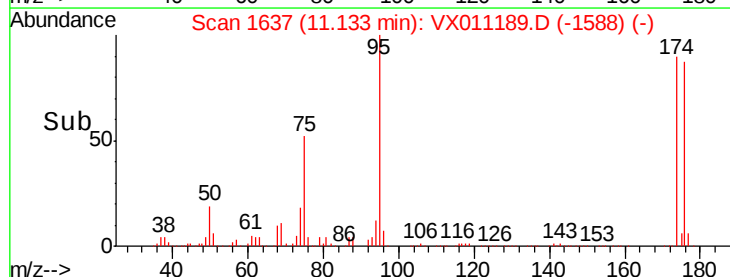
40000

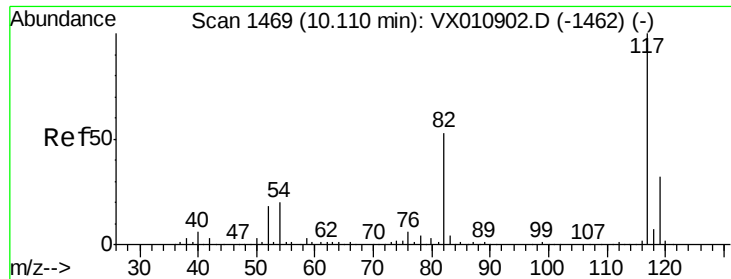
20000

0

Time-->

11.05 11.10 11.15 11.20

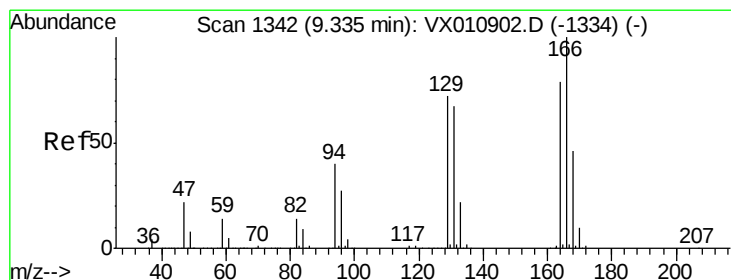
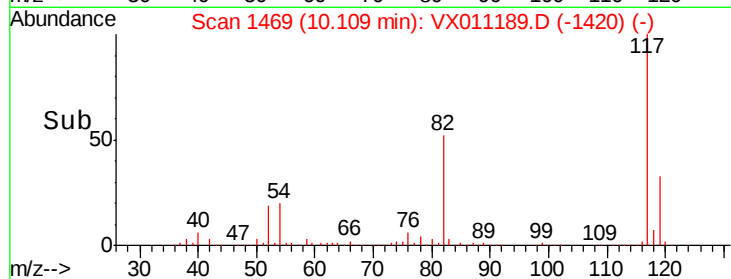
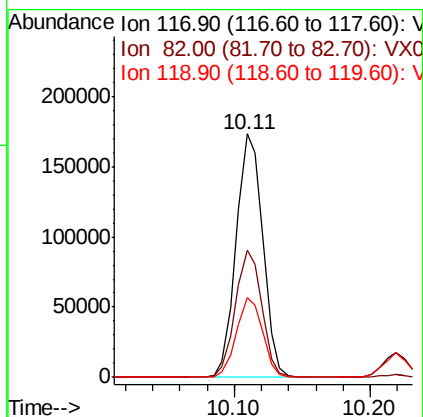
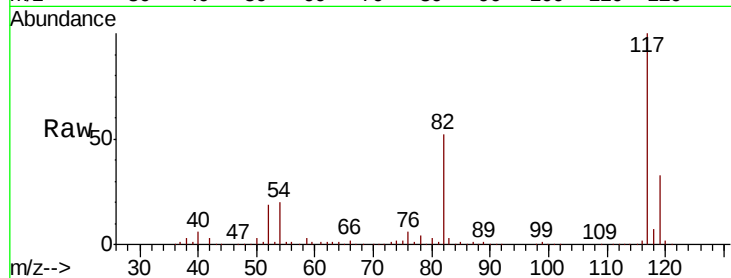




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011189.D
Acq: 30 Jul 2019 12:59

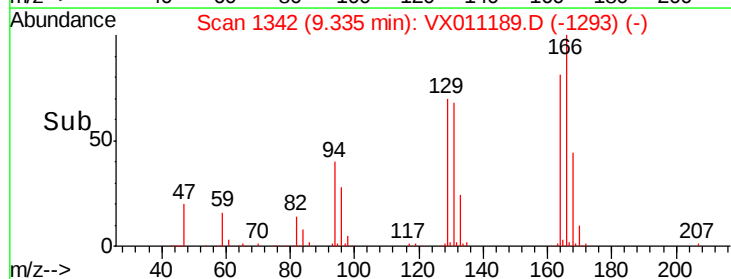
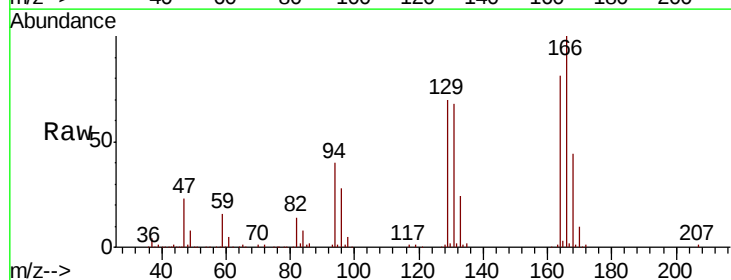
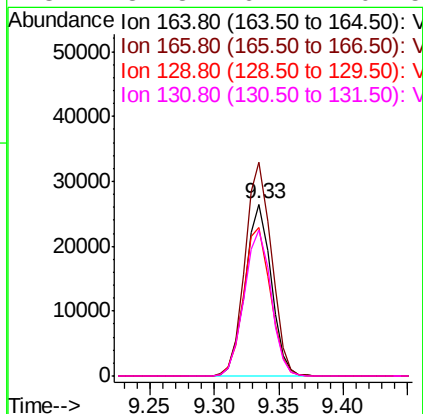
Instrument :
MSVOA_X
ClientSampleId :
VX0730WBS01

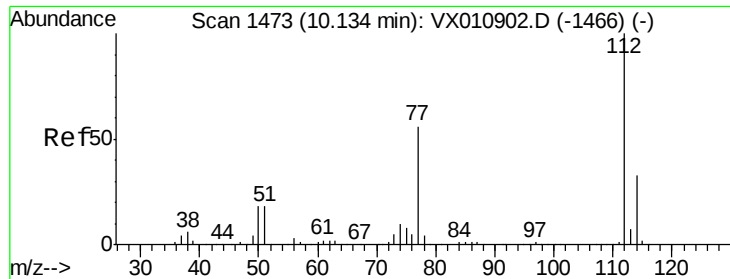
Tgt Ion:117 Resp: 237247
Ion Ratio Lower Upper
117 100
82 52.2 42.6 63.8
119 32.8 25.9 38.9



#64
Tetrachloroethene
Concen: 19.718 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX011189.D
Acq: 30 Jul 2019 12:59

Tgt Ion:164 Resp: 36801
Ion Ratio Lower Upper
164 100
166 124.1 100.8 151.2
129 86.4 72.6 109.0
131 84.8 67.7 101.5

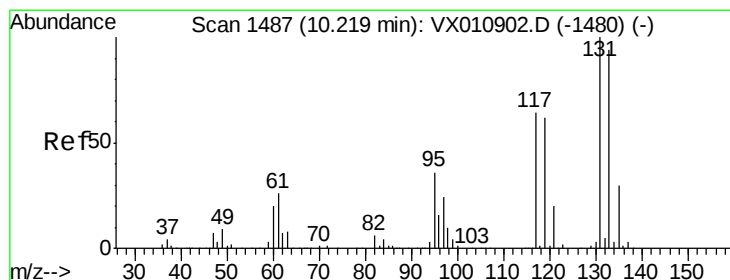
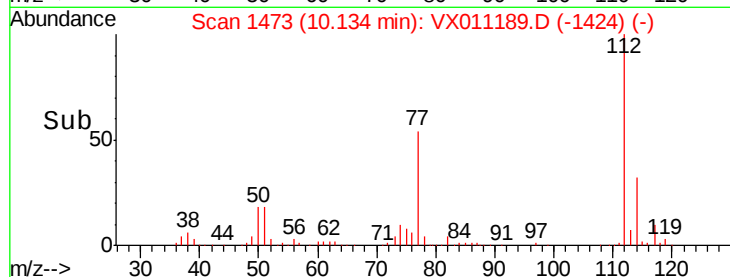
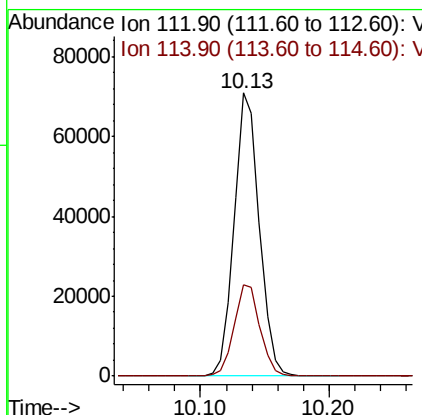
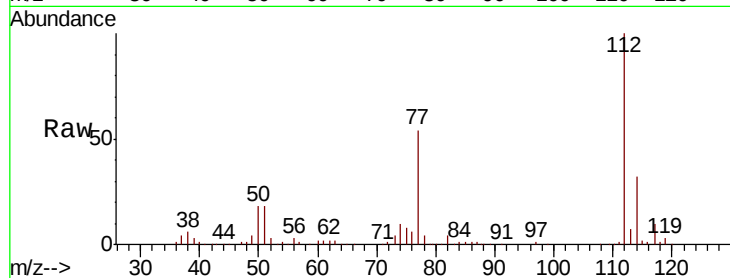




#65
Chlorobenzene
Concen: 19.887 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX011189.D
Acq: 30 Jul 2019 12:59

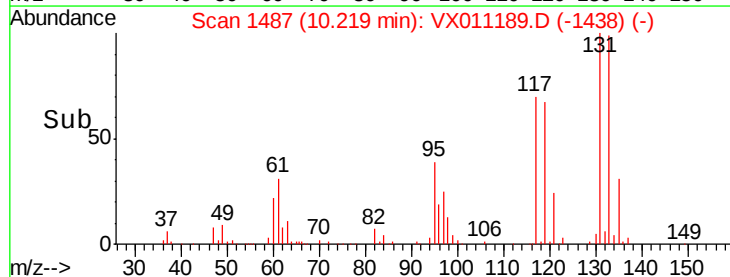
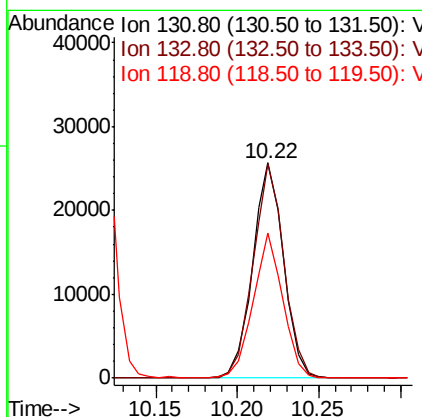
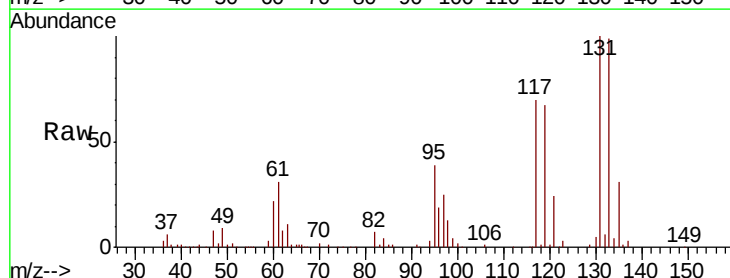
Instrument :
MSVOA_X
ClientSampleId :
VX0730WBS01

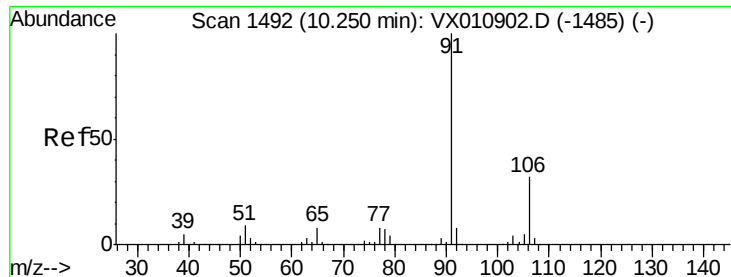
Tgt Ion:112 Resp: 96905
Ion Ratio Lower Upper
112 100
114 32.4 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.670 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX011189.D
Acq: 30 Jul 2019 12:59

Tgt Ion:131 Resp: 33687
Ion Ratio Lower Upper
131 100
133 99.5 47.1 141.4
119 64.9 31.9 95.7

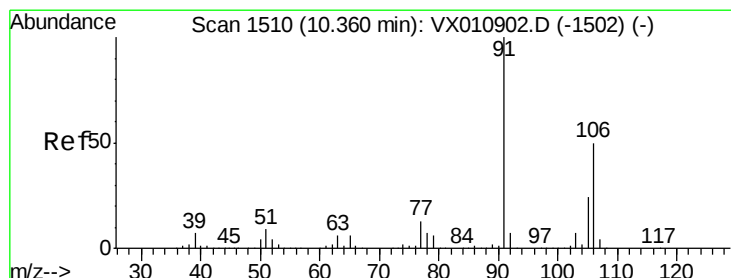
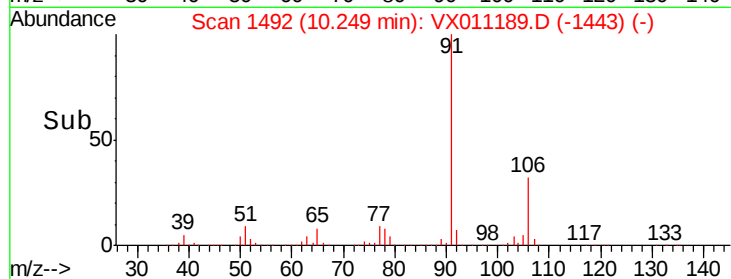
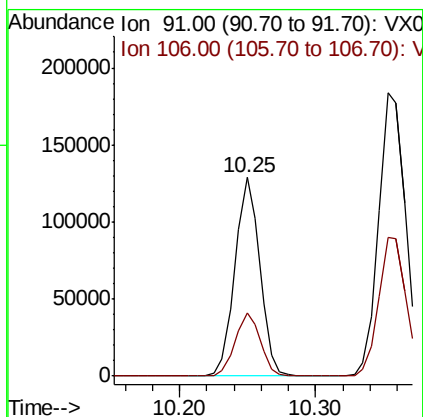
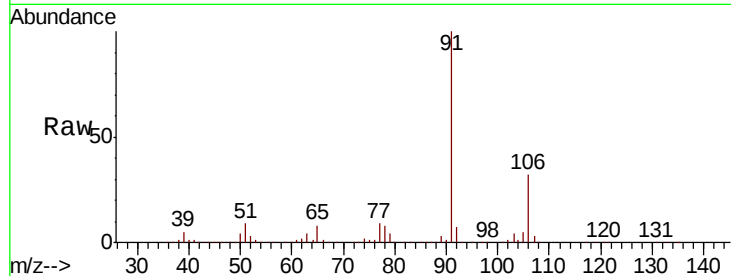




#67
Ethyl Benzene
Concen: 19.779 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX011189.D
Acq: 30 Jul 2019 12:59

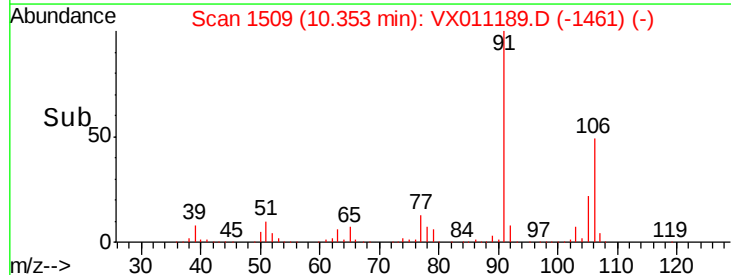
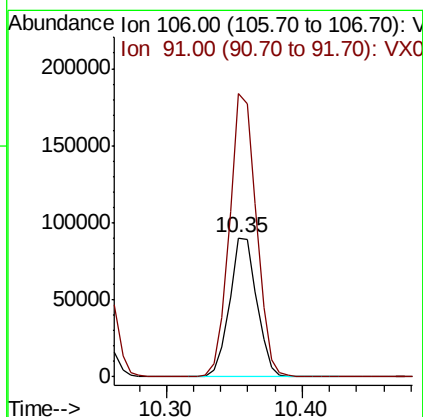
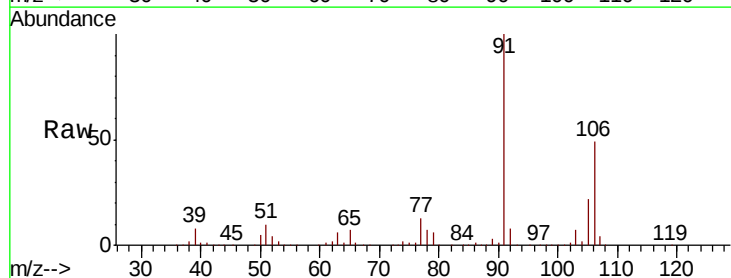
Instrument :
MSVOA_X
ClientSampled :
VX0730WBS01

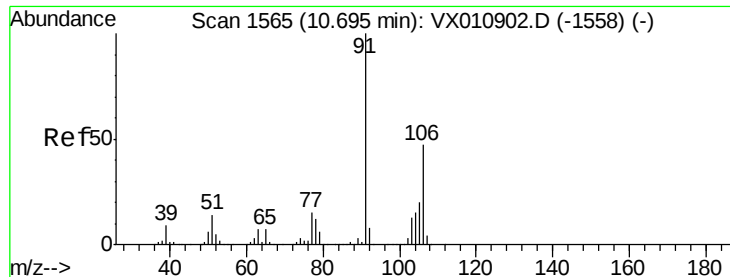
Tgt Ion: 91 Resp: 164048
Ion Ratio Lower Upper
91 100
106 32.1 25.4 38.2



#68
m/p-Xylenes
Concen: 39.476 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX011189.D
Acq: 30 Jul 2019 12:59

Tgt Ion: 106 Resp: 125597
Ion Ratio Lower Upper
106 100
91 200.7 160.1 240.1

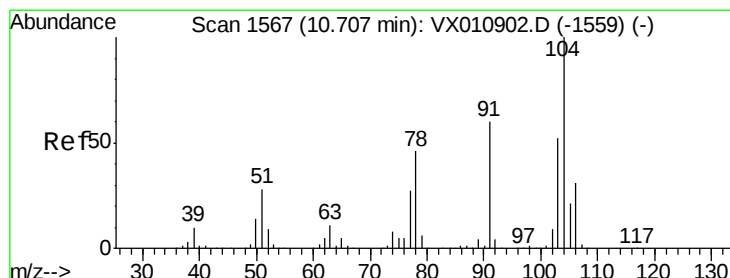
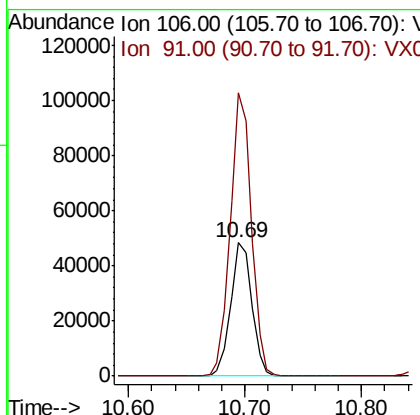
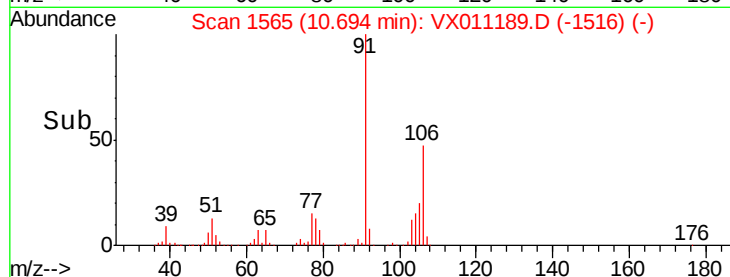
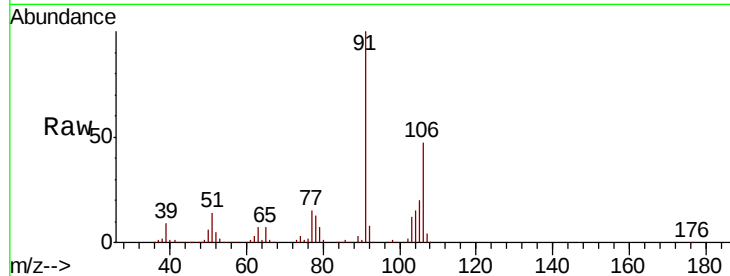




#69
o-Xylene
Concen: 19.917 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX011189.D
Acq: 30 Jul 2019 12:59

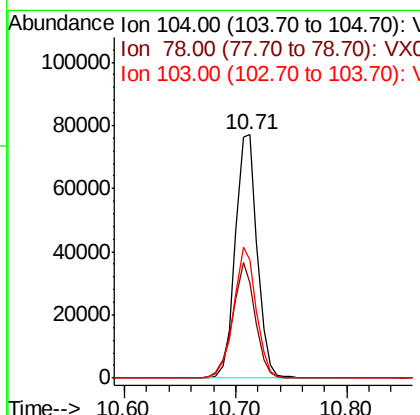
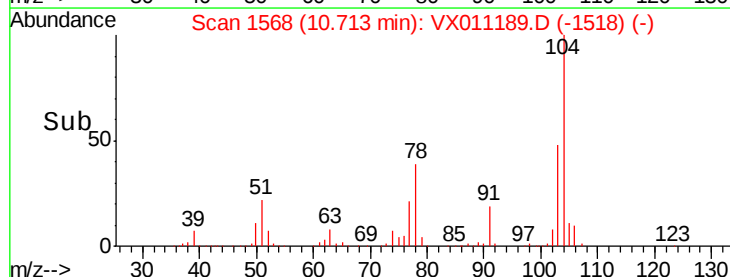
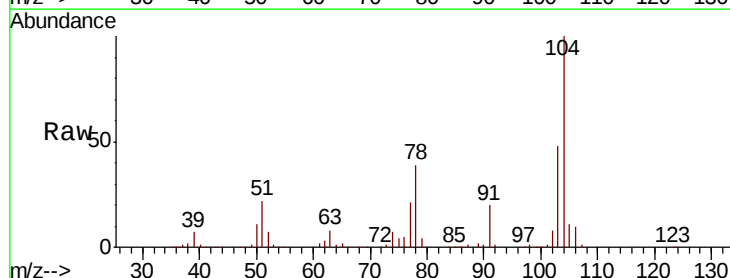
Instrument :
MSVOA_X
ClientSampleId :
VX0730WBS01

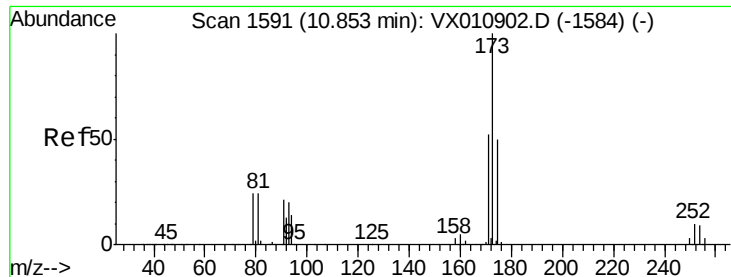
Tgt Ion:106 Resp: 61845
Ion Ratio Lower Upper
106 100
91 211.0 105.1 315.3



#70
Styrene
Concen: 20.176 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VX011189.D
Acq: 30 Jul 2019 12:59

Tgt Ion:104 Resp: 104434
Ion Ratio Lower Upper
104 100
78 48.8 38.8 58.2
103 55.5 44.2 66.4





#71

Bromoform

Concen: 18.315 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX011189.D

Acq: 30 Jul 2019 12:59

Instrument :

MSVOA_X

ClientSampleId :

VX0730WBS01

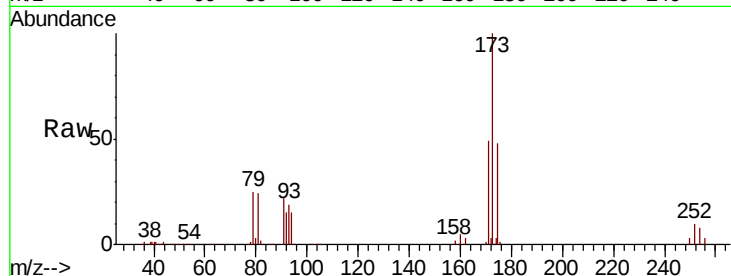
Tgt Ion:173 Resp: 25904

Ion Ratio Lower Upper

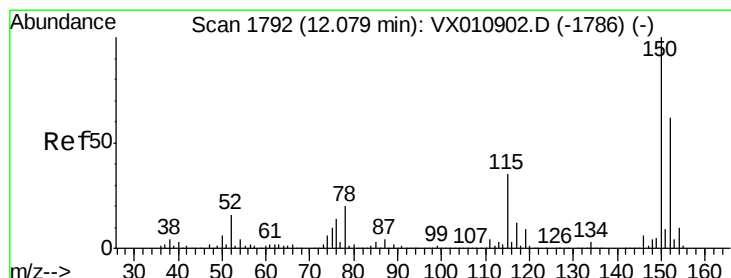
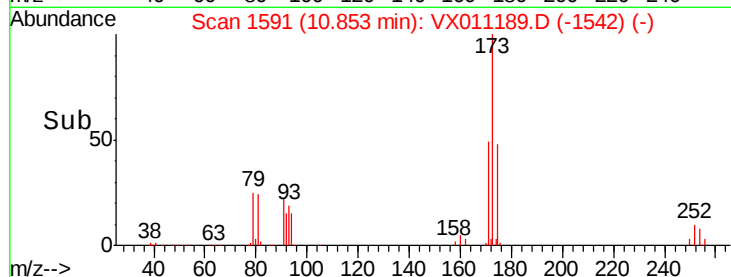
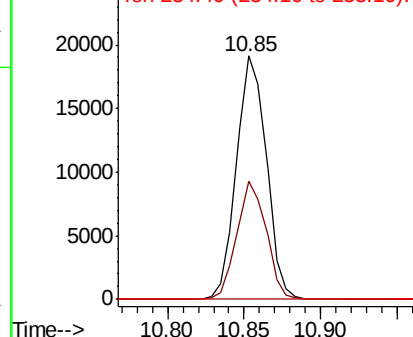
173 100

175 47.9 24.6 73.6

254 0.2 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: 12.07 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX011189.D

Acq: 30 Jul 2019 12:59

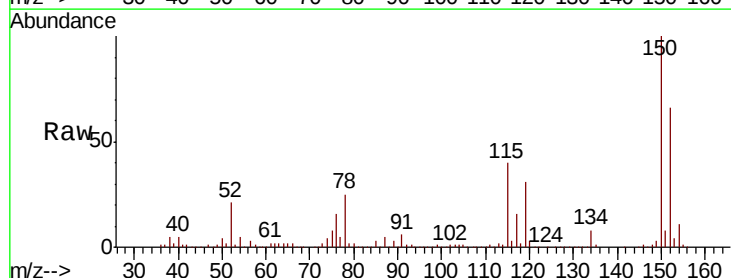
Tgt Ion:152 Resp: 127583

Ion Ratio Lower Upper

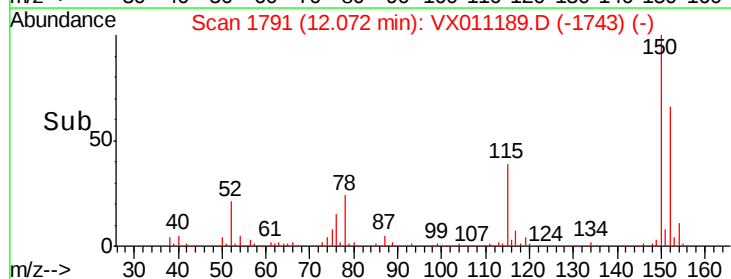
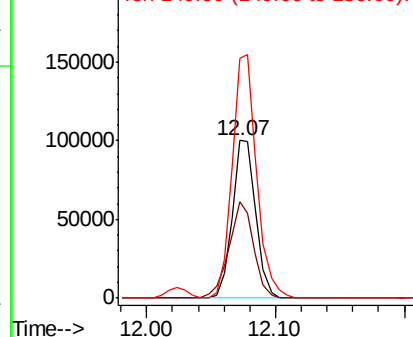
152 100

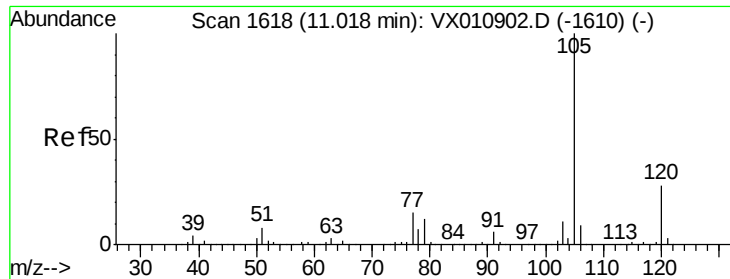
115 64.5 39.7 119.1

150 161.1 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: 19.585 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX011189.D

Acq: 30 Jul 2019 12:59

Instrument :

MSVOA_X

ClientSampleId :

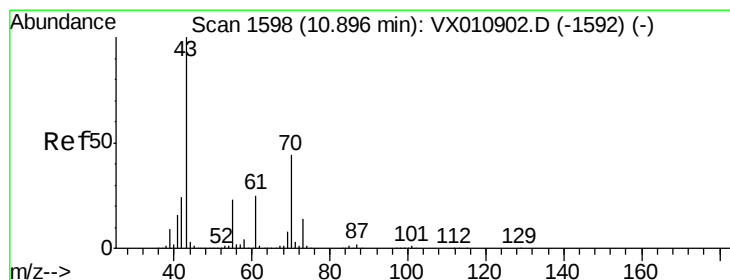
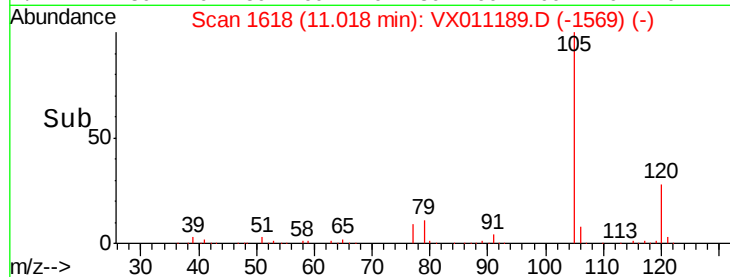
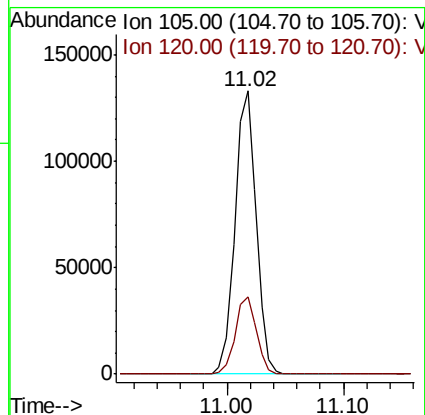
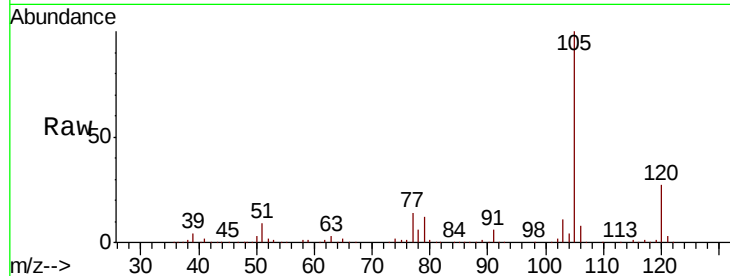
VX0730WBS01

Tgt Ion:105 Resp: 168840

Ion Ratio Lower Upper

105 100

120 27.4 13.7 41.1



#74

N-ethyl acetate

Concen: 19.121 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX011189.D

Acq: 30 Jul 2019 12:59

Tgt Ion: 43 Resp: 62983

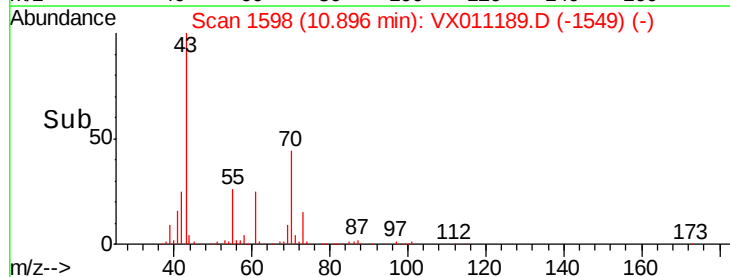
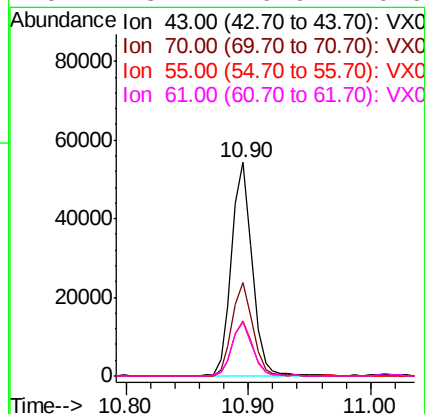
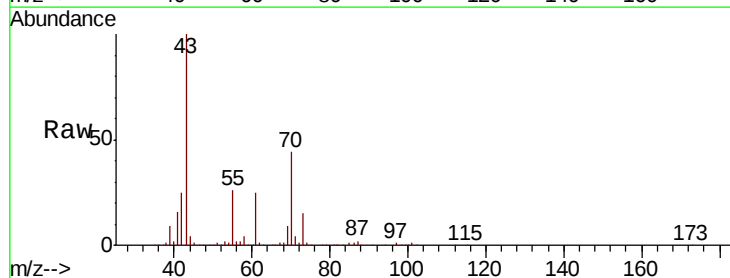
Ion Ratio Lower Upper

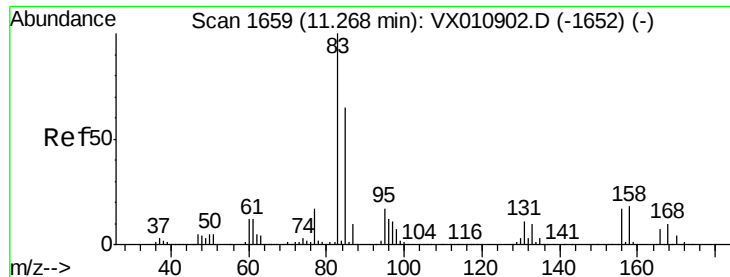
43 100

70 44.0 34.7 52.1

55 25.8 19.1 28.7

61 25.4 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 20.506 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX011189.D

Acq: 30 Jul 2019 12:59

Instrument :

MSVOA_X

ClientSampleId :

VX0730WBS01

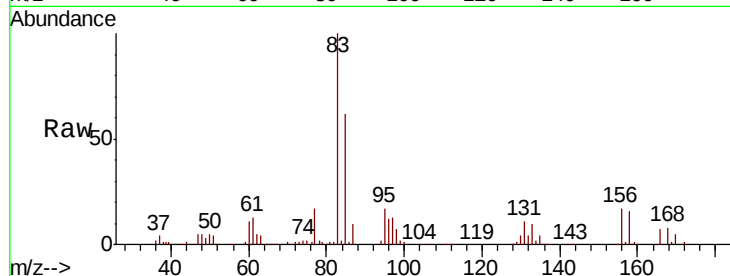
Tgt Ion: 83 Resp: 57852

Ion Ratio Lower Upper

83 100

131 11.0 5.5 16.4

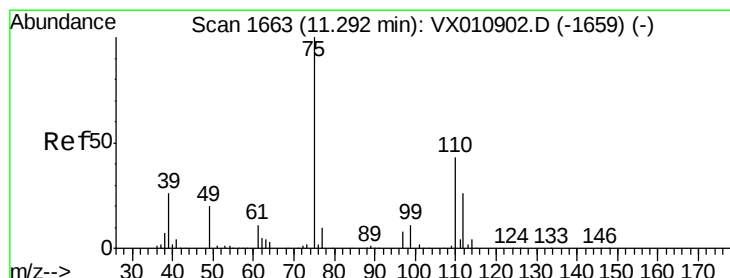
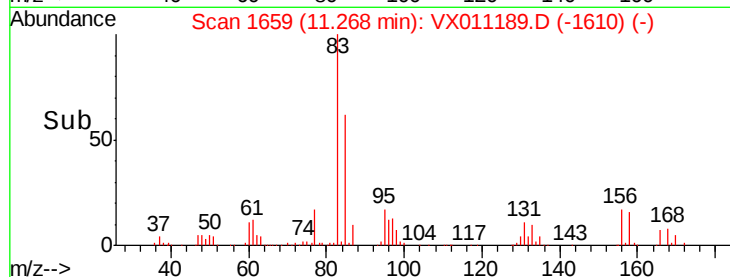
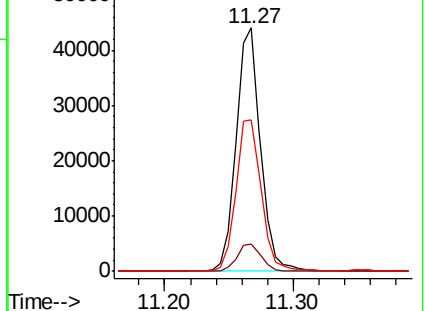
85 64.8 32.3 96.9



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: 25.858 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX011189.D

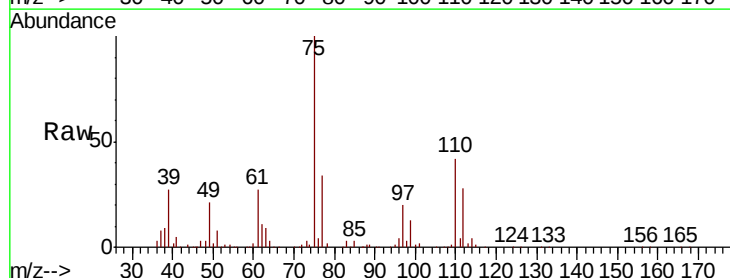
Acq: 30 Jul 2019 12:59

Tgt Ion: 75 Resp: 59534

Ion Ratio Lower Upper

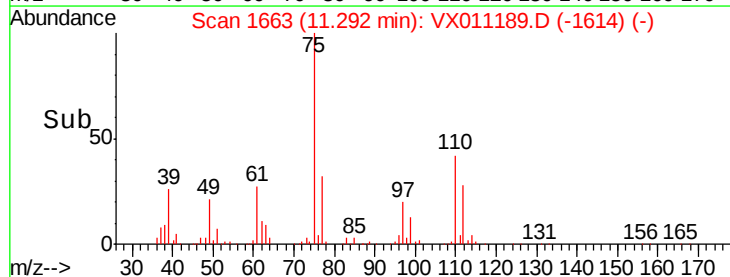
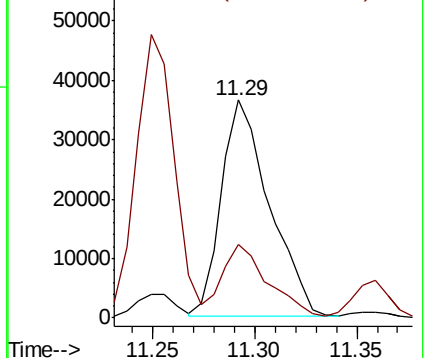
75 100

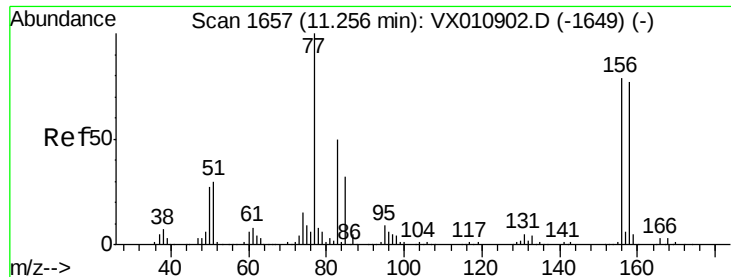
77 32.7 21.3 64.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.581 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX011189.D

Acq: 30 Jul 2019 12:59

Instrument :

MSVOA_X

ClientSampleId :

VX0730WBS01

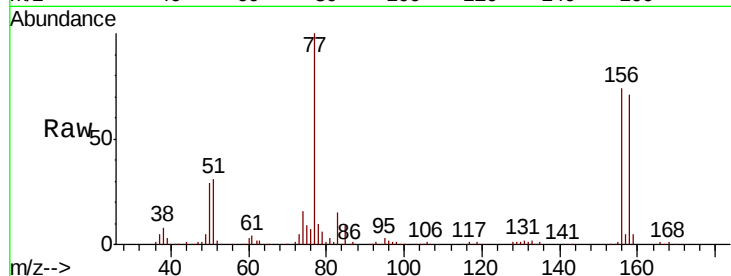
Tgt Ion:156 Resp: 46561

Ion Ratio Lower Upper

156 100

77 132.9 68.7 206.1

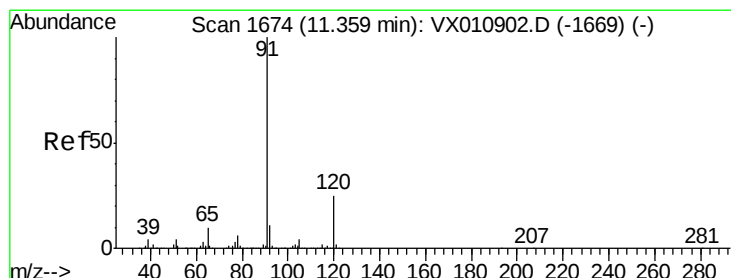
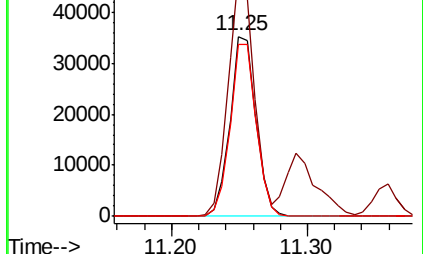
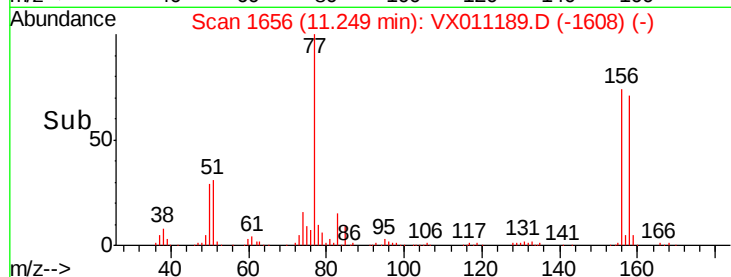
158 96.7 47.9 143.7



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: 19.428 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX011189.D

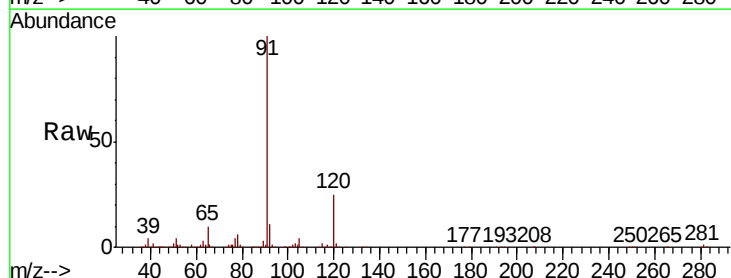
Acq: 30 Jul 2019 12:59

Tgt Ion: 91 Resp: 185054

Ion Ratio Lower Upper

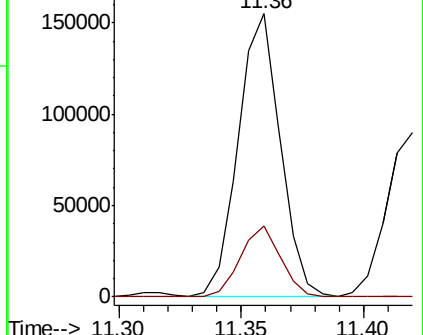
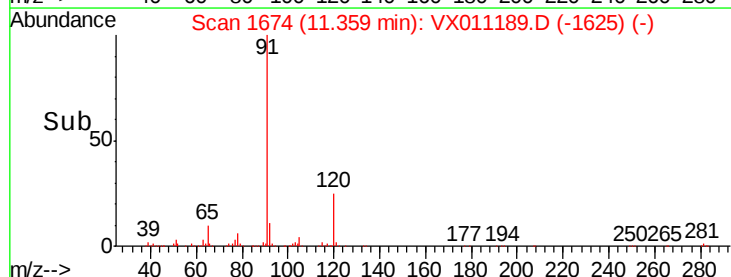
91 100

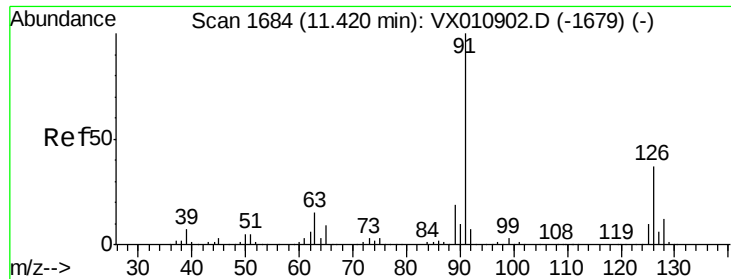
120 24.4 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

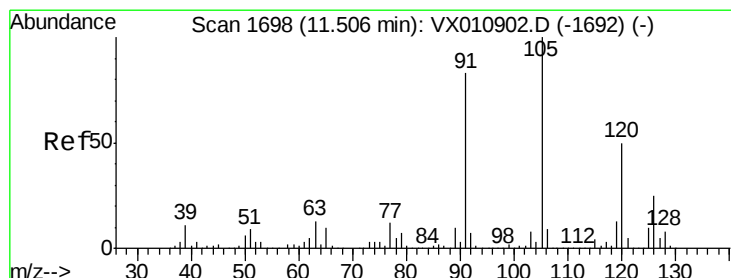
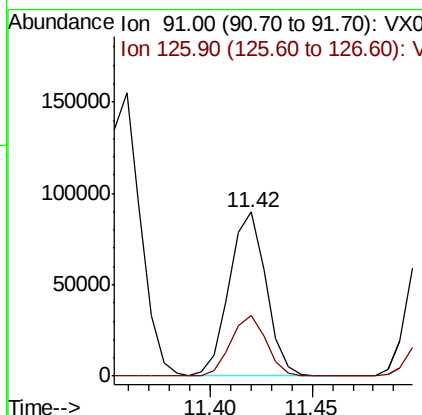
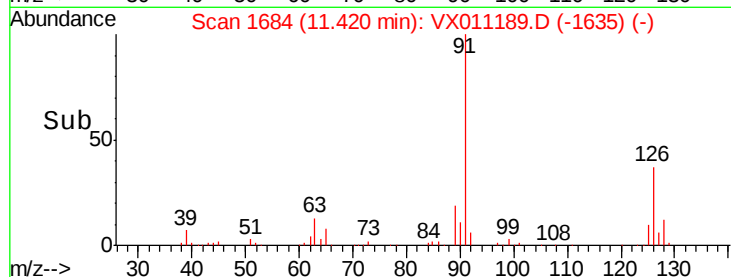
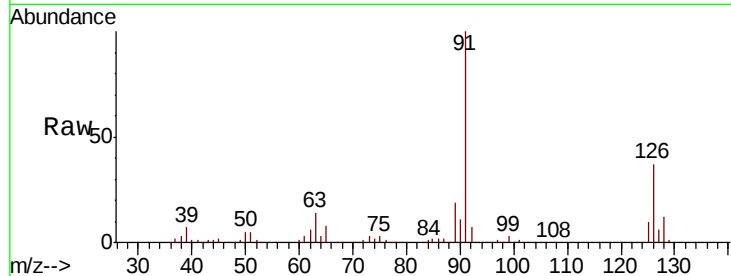




#79
 2-Chlorotoluene
 Concen: 19.500 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX011189.D
 Acq: 30 Jul 2019 12:59

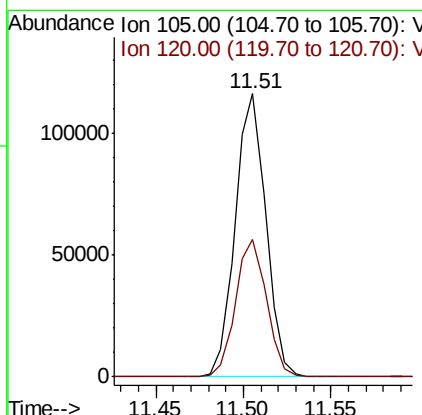
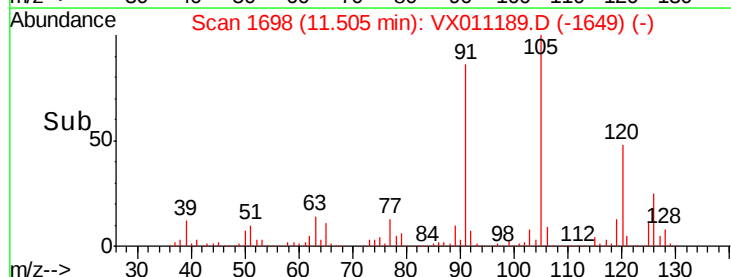
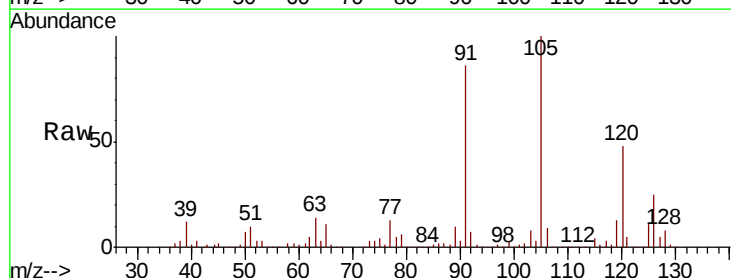
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0730WBS01

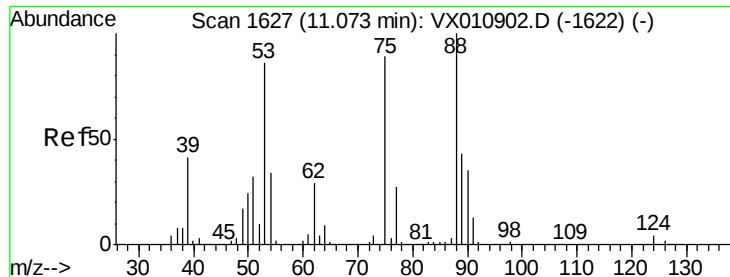
Tgt Ion: 91 Resp: 111582
 Ion Ratio Lower Upper
 91 100
 126 36.3 18.0 54.0



#80
 1,3,5-Trimethylbenzene
 Concen: 19.672 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX011189.D
 Acq: 30 Jul 2019 12:59

Tgt Ion: 105 Resp: 141706
 Ion Ratio Lower Upper
 105 100
 120 49.1 24.6 73.8





#81

trans-1,4-Dichloro-2-butene

Concen: 18.033 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX011189.D

Acq: 30 Jul 2019 12:59

Instrument :

MSVOA_X

ClientSampleId :

VX0730WBS01

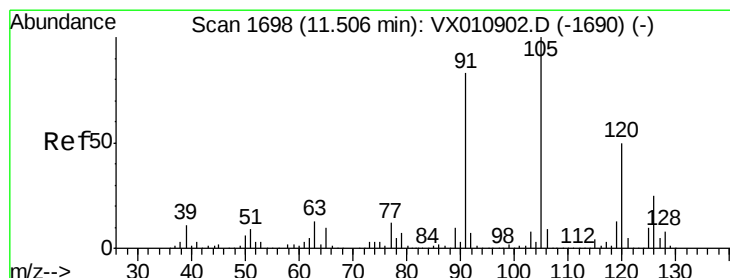
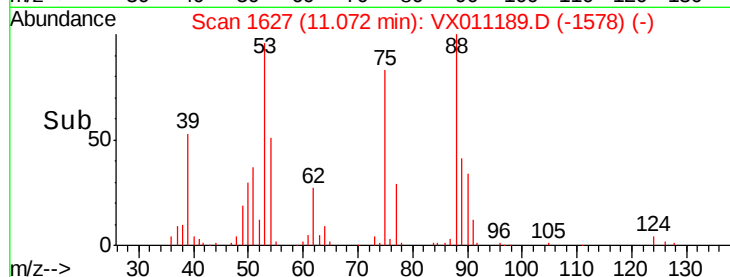
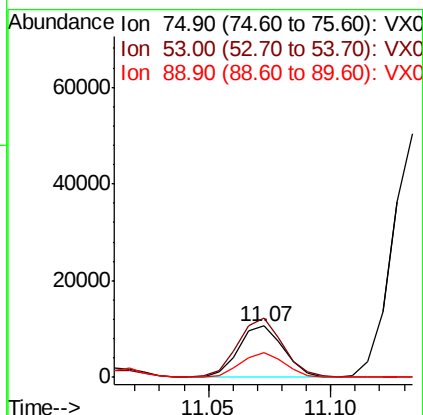
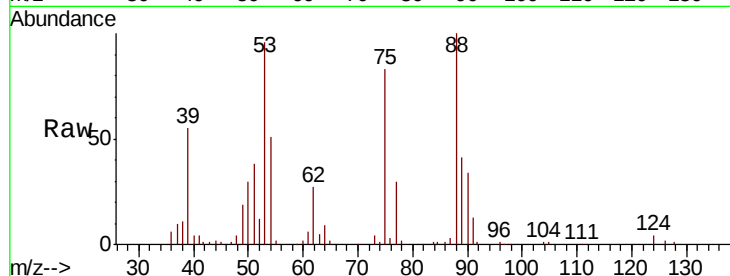
Tgt Ion: 75 Resp: 13875

Ion Ratio Lower Upper

75 100

53 115.6 76.7 115.1#

89 46.9 38.5 57.7



#82

4-Chlorotoluene

Concen: 19.414 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011189.D

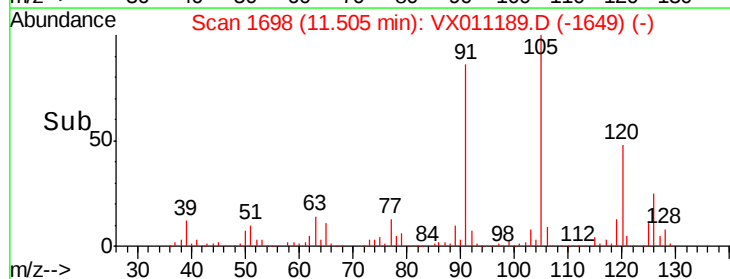
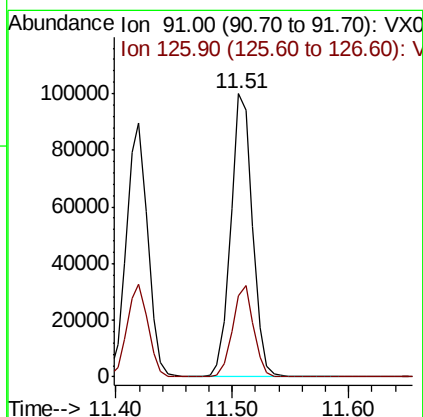
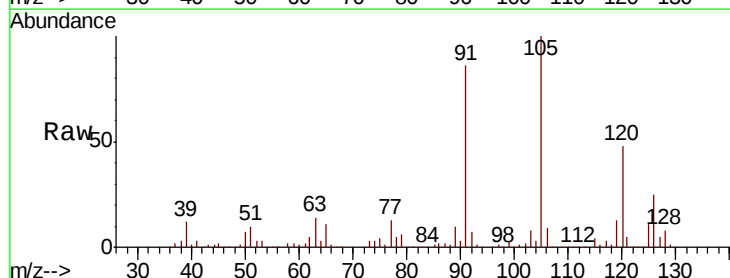
Acq: 30 Jul 2019 12:59

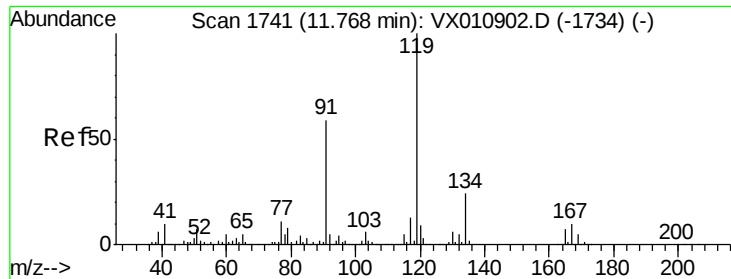
Tgt Ion: 91 Resp: 129294

Ion Ratio Lower Upper

91 100

126 31.4 15.9 47.7

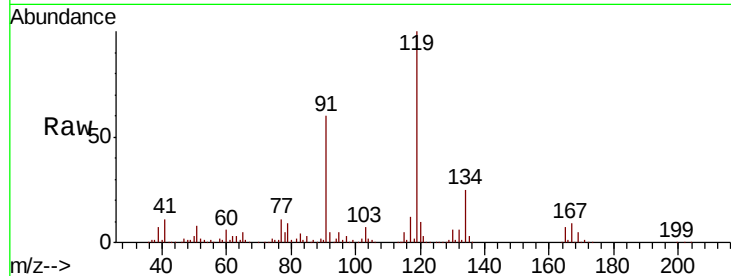




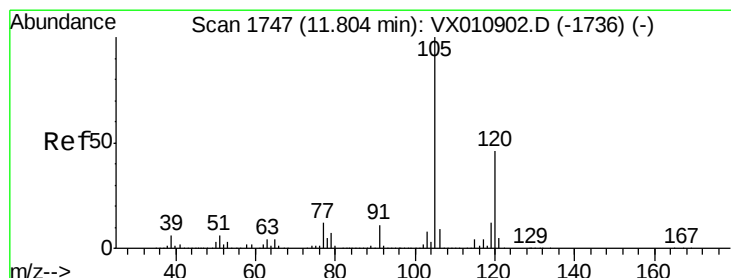
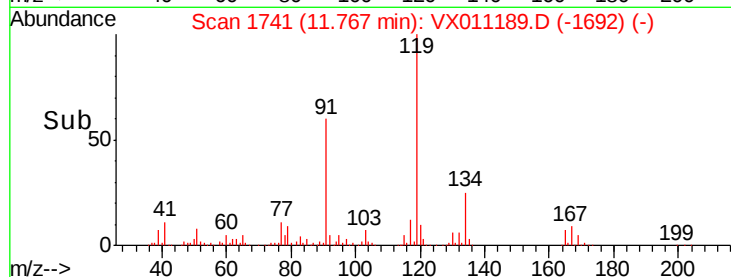
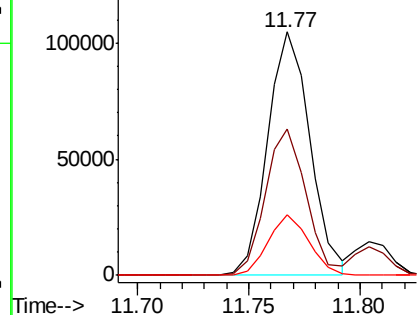
#83
 tert-Butylbenzene
 Concen: 19.576 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX011189.D
 Acq: 30 Jul 2019 12:59

Instrument :
 MSVOA_X
 ClientSampled :
 VX0730WBS01

Tgt Ion:119 Resp: 138510
 Ion Ratio Lower Upper
 119 100
 91 58.3 28.6 85.8
 134 24.1 11.6 34.8

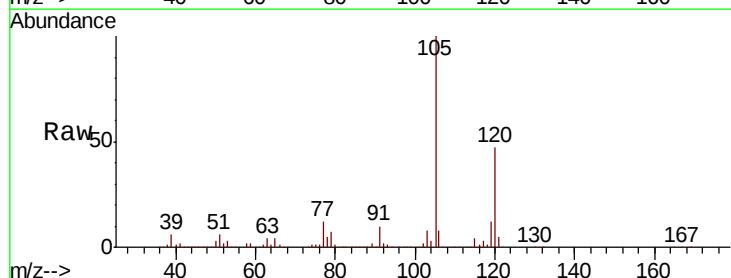


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX0
 Ion 134.00 (133.70 to 134.70): V

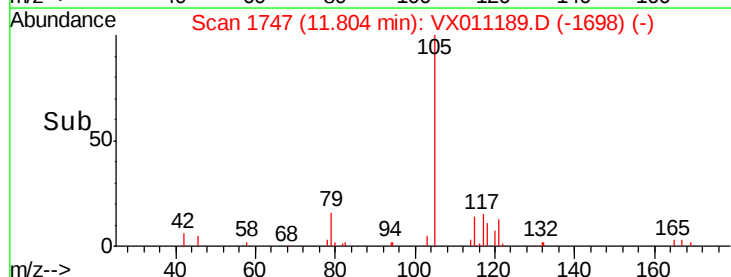
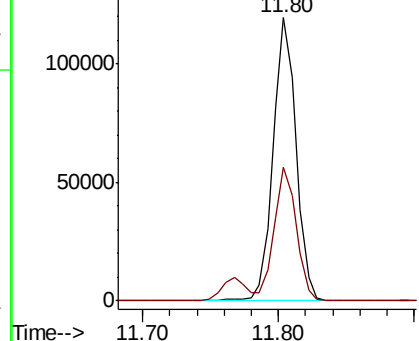


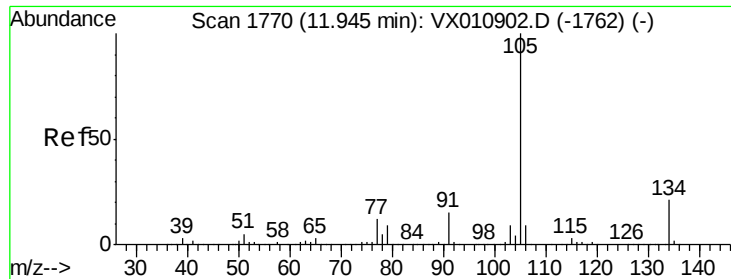
#84
 1,2,4-Trimethylbenzene
 Concen: 19.506 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX011189.D
 Acq: 30 Jul 2019 12:59

Tgt Ion:105 Resp: 141625
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.9 68.5



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

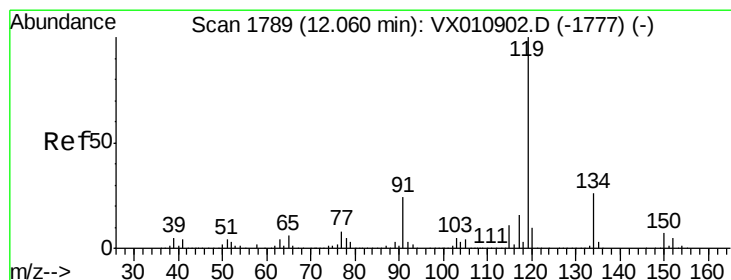
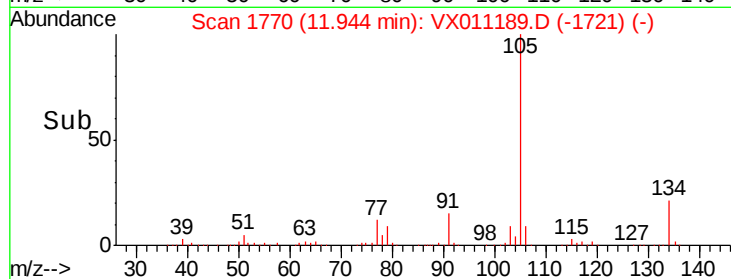
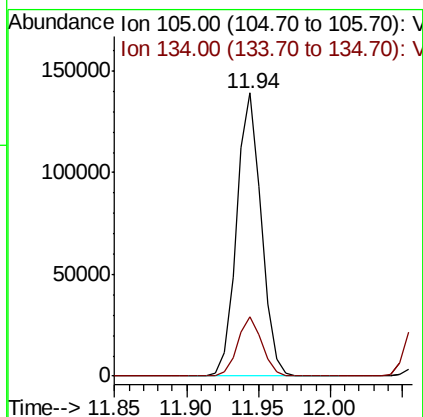
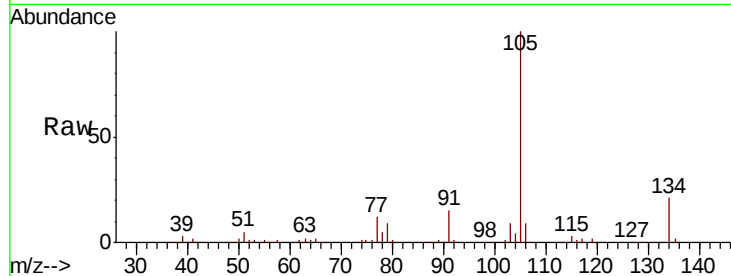




#85
 sec-Butylbenzene
 Concen: 19.968 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX011189.D
 Acq: 30 Jul 2019 12:59

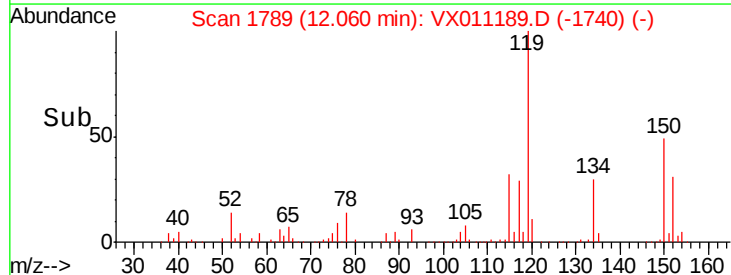
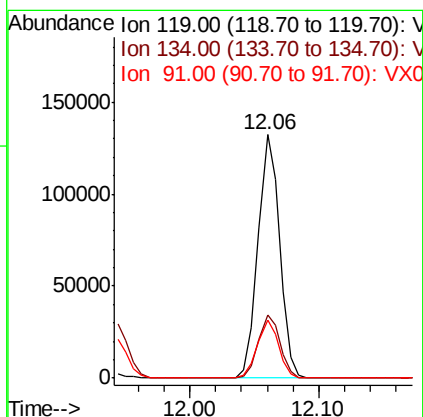
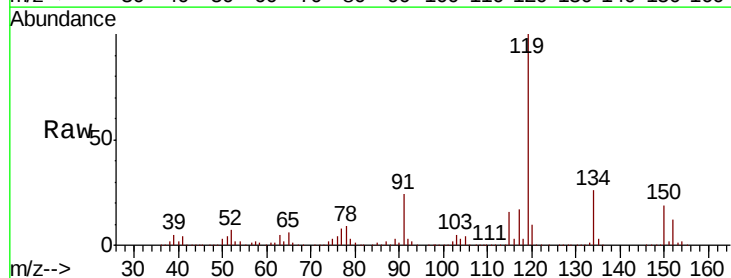
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0730WBS01

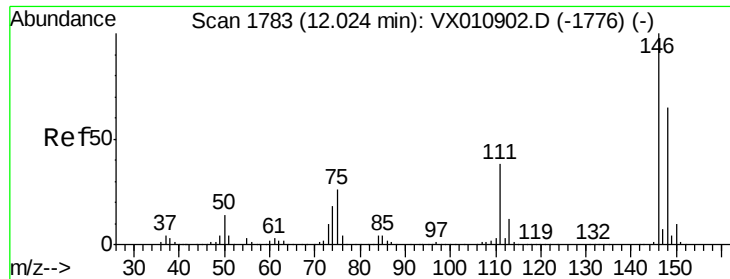
Tgt Ion:105 Resp: 165551
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 19.863 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX011189.D
 Acq: 30 Jul 2019 12:59

Tgt Ion:119 Resp: 152250
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.4 40.1
 91 23.5 11.8 35.4

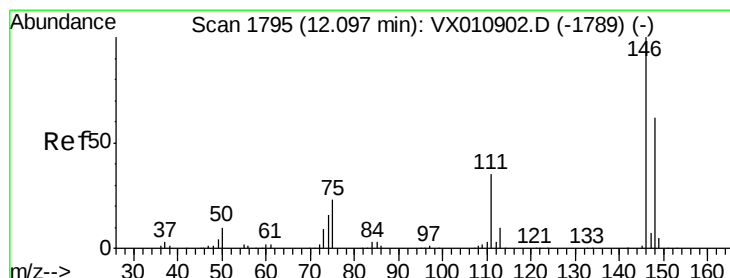
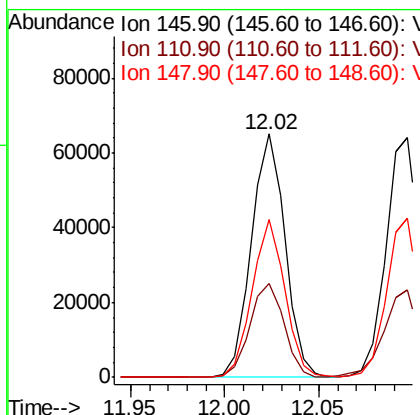
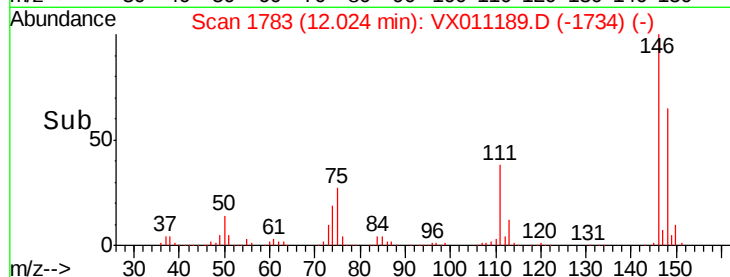
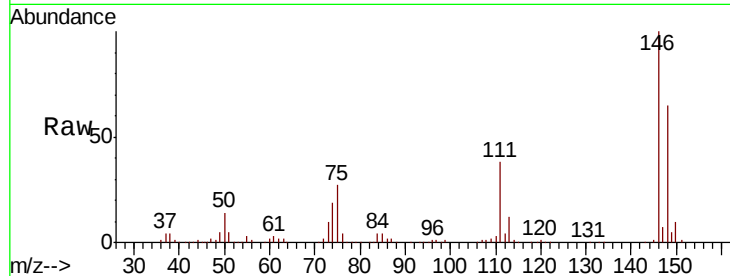




#87
 1,3-Dichlorobenzene
 Concen: 19.593 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX011189.D
 Acq: 30 Jul 2019 12:59

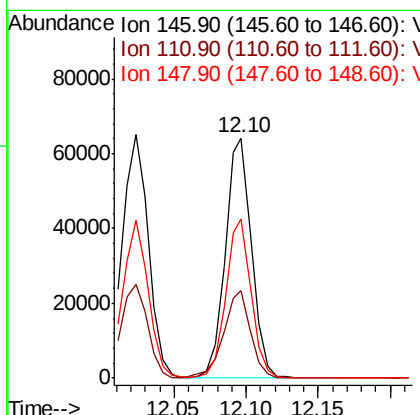
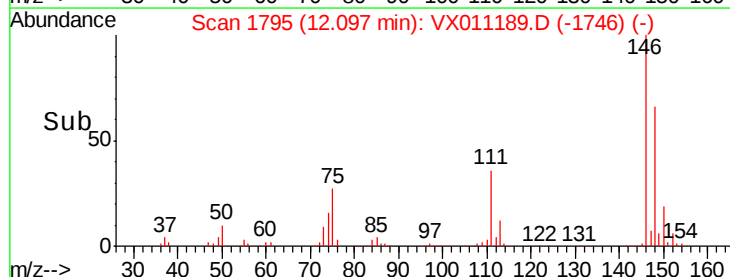
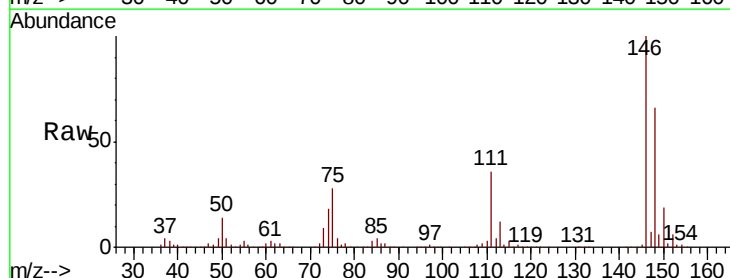
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0730WBS01

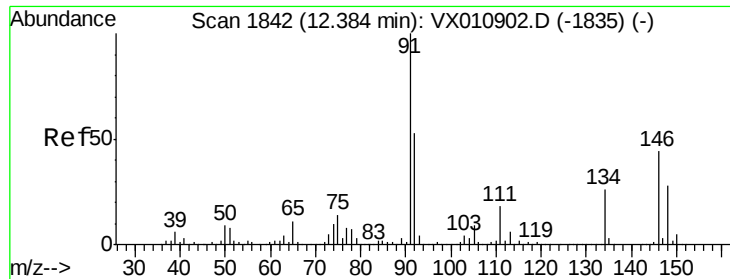
Tgt Ion:146 Resp: 80852
 Ion Ratio Lower Upper
 146 100
 111 38.8 18.9 56.9
 148 63.0 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 19.422 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX011189.D
 Acq: 30 Jul 2019 12:59

Tgt Ion:146 Resp: 82201
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.6 55.8
 148 63.8 31.6 94.7

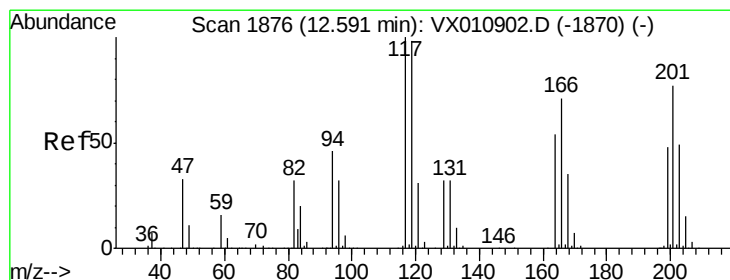
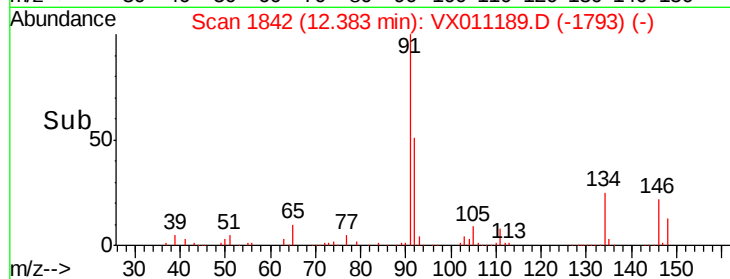
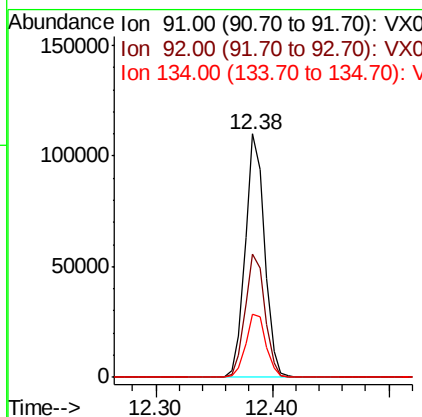
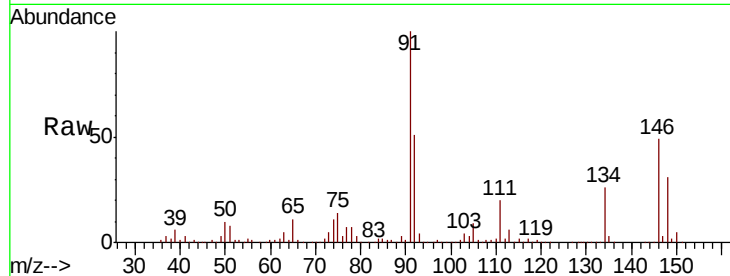




#89
n-Butylbenzene
Concen: 19.538 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX011189.D
Acq: 30 Jul 2019 12:59

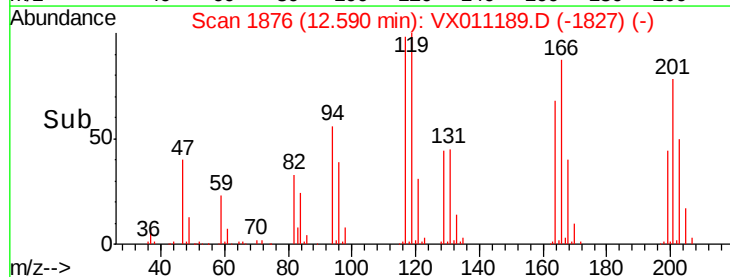
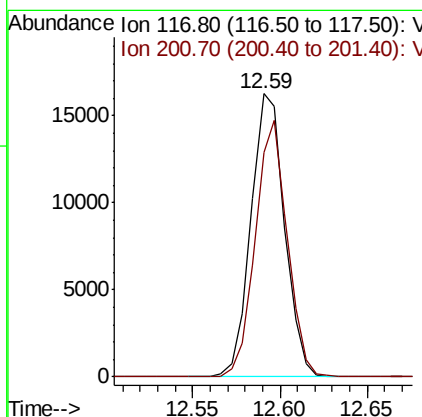
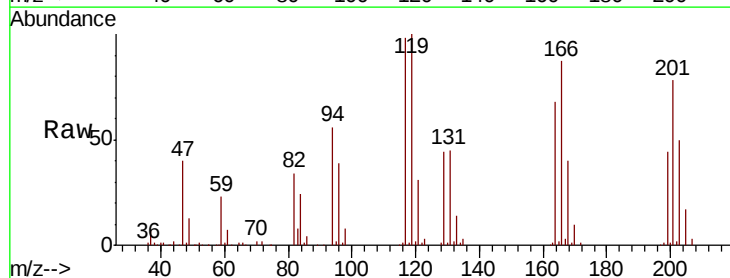
Instrument :
MSVOA_X
ClientSampleId :
VX0730WBS01

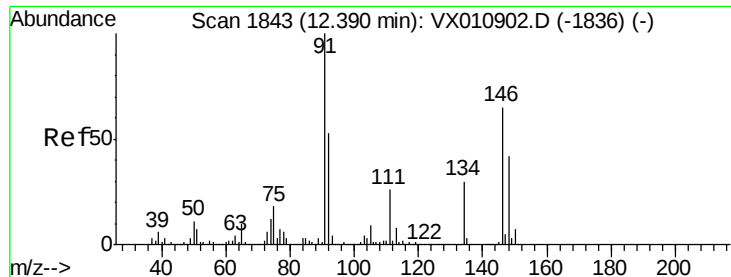
Tgt Ion: 91 Resp: 128119
Ion Ratio Lower Upper
91 100
92 52.0 26.2 78.5
134 27.0 13.8 41.3



#90
Hexachloroethane
Concen: 17.980 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.00 min
Lab File: VX011189.D
Acq: 30 Jul 2019 12:59

Tgt Ion: 117 Resp: 21737
Ion Ratio Lower Upper
117 100
201 85.8 43.3 129.8





#91

1,2-Dichlorobenzene

Concen: 19.963 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX011189.D

Acq: 30 Jul 2019 12:59

Instrument :

MSVOA_X

ClientSampleId :

VX0730WBS01

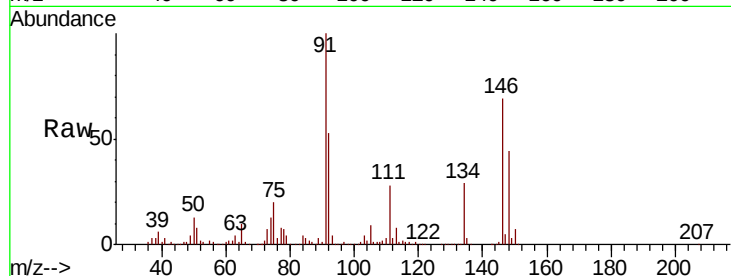
Tgt Ion:146 Resp: 81644

Ion Ratio Lower Upper

146 100

111 39.7 19.9 59.7

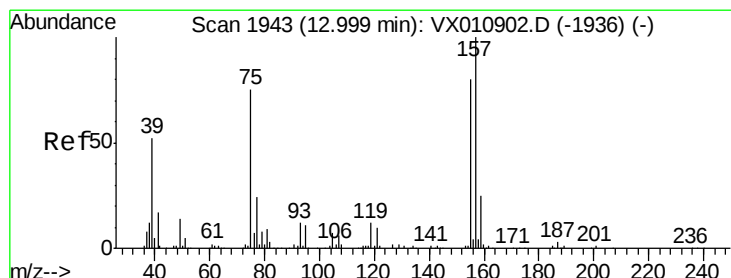
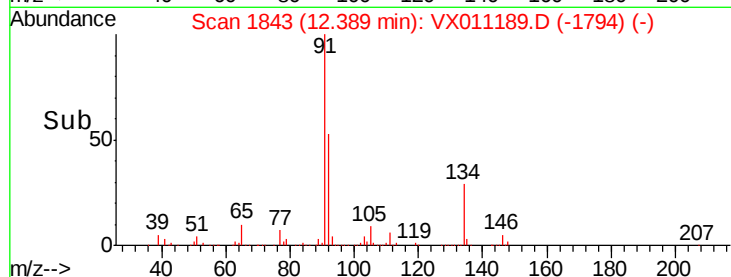
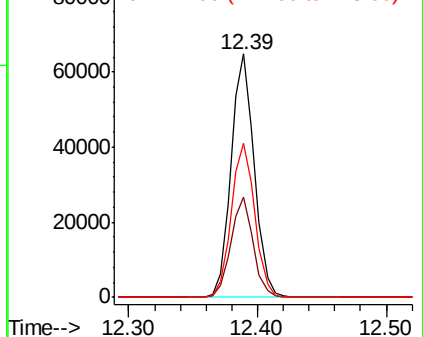
148 64.1 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.294 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX011189.D

Acq: 30 Jul 2019 12:59

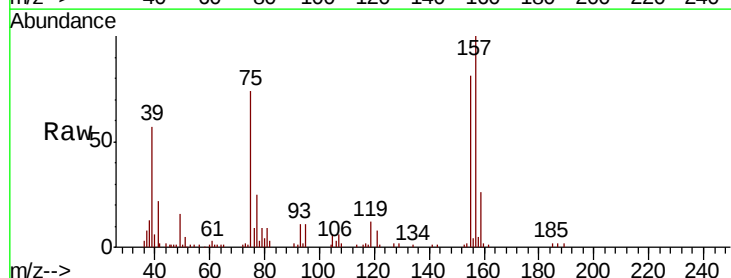
Tgt Ion: 75 Resp: 11968

Ion Ratio Lower Upper

75 100

155 95.3 48.7 146.1

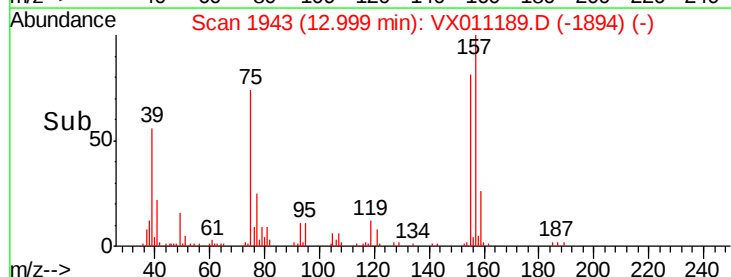
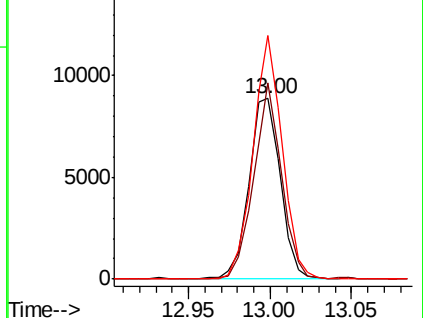
157 124.1 62.5 187.6

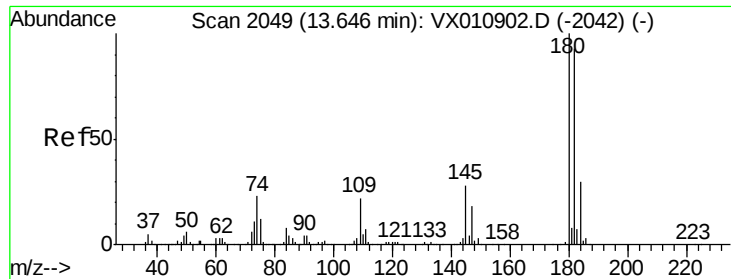


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

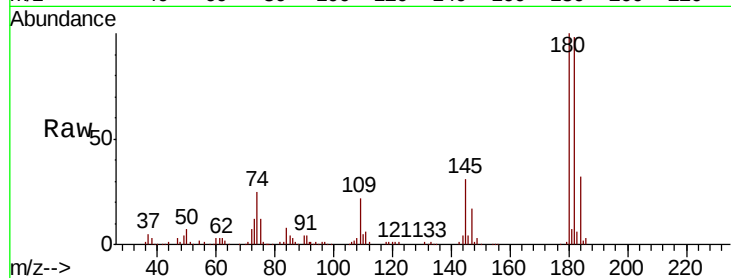




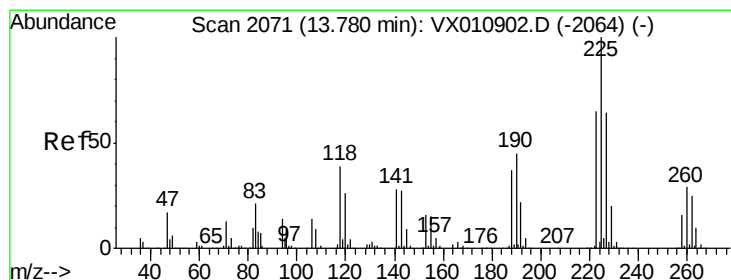
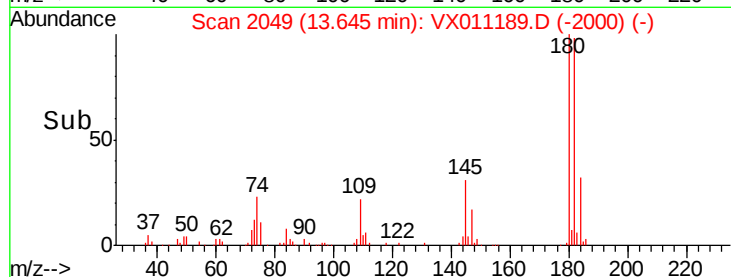
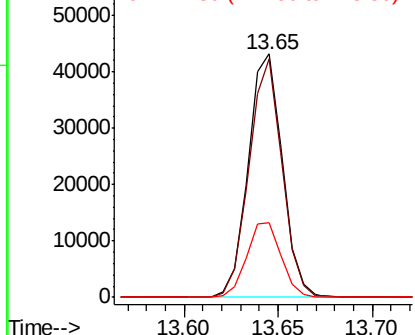
#93
 1,2,4-Trichlorobenzene
 Concen: 19.500 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX011189.D
 Acq: 30 Jul 2019 12:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0730WBS01

Tgt Ion:180 Resp: 54048
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.1 141.3
 145 31.0 14.8 44.4

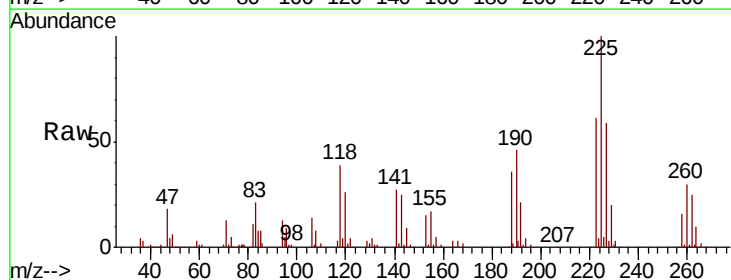


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

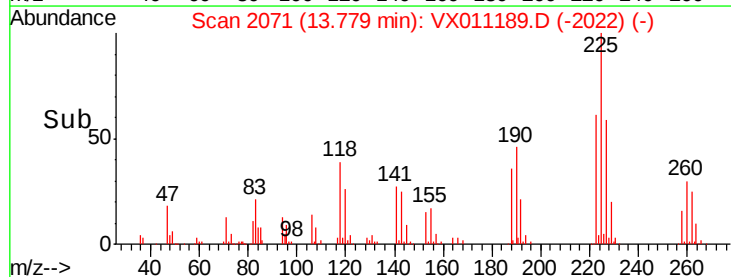
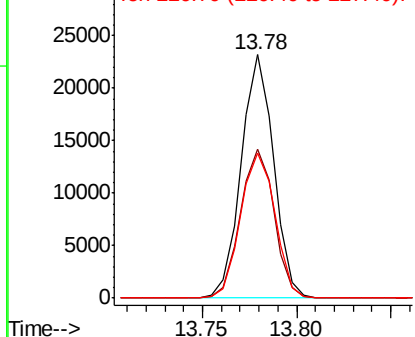


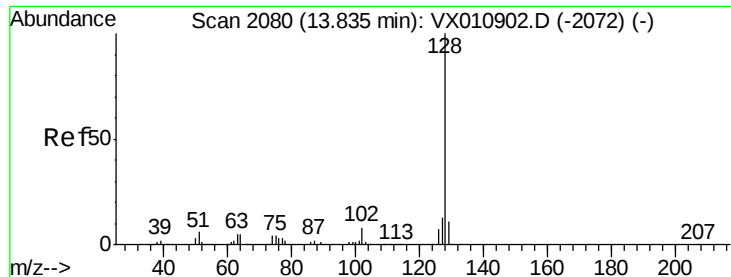
#94
 Hexachlorobutadiene
 Concen: 20.203 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX011189.D
 Acq: 30 Jul 2019 12:59

Tgt Ion:225 Resp: 27750
 Ion Ratio Lower Upper
 225 100
 223 63.1 31.9 95.9
 227 63.1 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

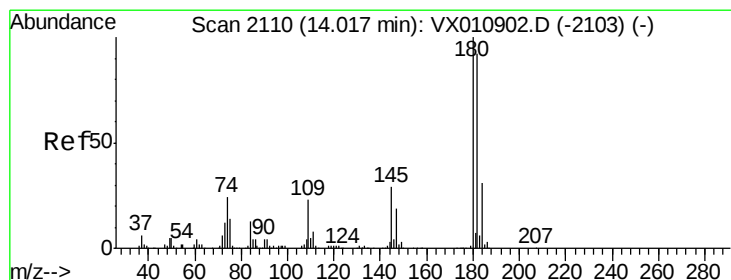
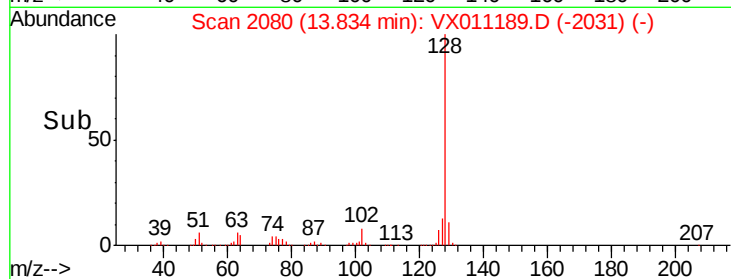
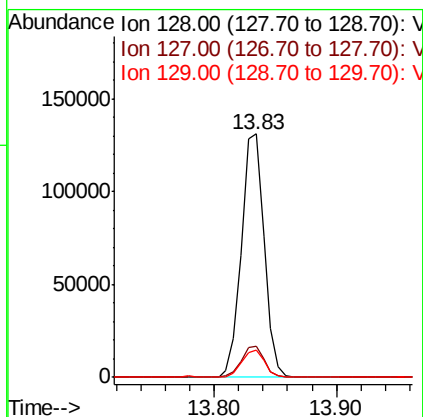
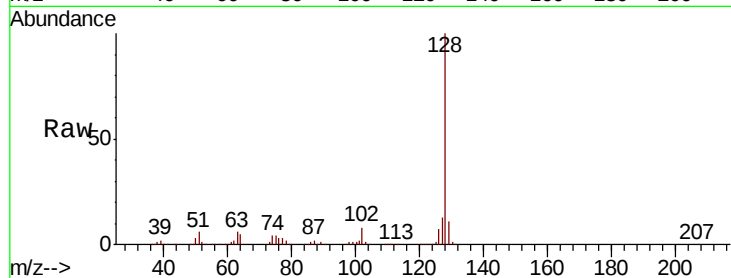




#95
Naphthalene
Concen: 20.580 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX011189.D
Acq: 30 Jul 2019 12:59

Instrument :
MSVOA_X
ClientSampleId :
VX0730WBS01

Tgt Ion:128 Resp: 168445
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: VX011189.D
Acq: 30 Jul 2019 12:59

Tgt Ion:180 Resp: 57071
Ion Ratio Lower Upper
180 100
182 95.1 47.4 142.3
145 30.5 15.1 45.3

