

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX073019\
 Data File : VX011199.D
 Acq On : 30 Jul 2019 16:53
 Operator : JC/SP
 Sample : VX0730WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0730WBSD01

Quant Time: Jul 31 08:40:00 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	5.67	168	176218	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	263295	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	243305	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	127339	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	97786	52.16	ug/l	0.00
Spiked Amount			Recovery	=	104.32%	
35) Dibromofluoromethane	5.49	113	87459	52.33	ug/l	0.00
Spiked Amount			Recovery	=	104.66%	
50) Toluene-d8	8.71	98	320424	51.12	ug/l	0.00
Spiked Amount			Recovery	=	102.24%	
62) 4-Bromofluorobenzene	11.13	95	116370	50.51	ug/l	0.00
Spiked Amount			Recovery	=	101.02%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	32142	17.465	ug/l	100
3) Chloromethane	1.33	50	30726	18.961	ug/l	99
4) Vinyl Chloride	1.41	62	31715	19.188	ug/l	100
5) Bromomethane	1.64	94	20405	21.907	ug/l	96
6) Chloroethane	1.72	64	20482	19.499	ug/l	97
7) Trichlorofluoromethane	1.93	101	57246	20.460	ug/l	98
8) Diethyl Ether	2.19	74	18760	19.460	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.39	101	31044	19.432	ug/l	99
10) Methyl Iodide	2.51	142	27947	13.331	ug/l	98
11) Tert butyl alcohol	3.04	59	45293	103.741	ug/l	100
12) 1,1-Dichloroethene	2.37	96	29992	19.108	ug/l	97
13) Acrolein	2.29	56	14628	57.990	ug/l	90
14) Allyl chloride	2.73	41	42954	18.840	ug/l	98
15) Acrylonitrile	3.14	53	91996	104.277	ug/l	99
16) Acetone	2.45	43	76357	90.182	ug/l	100
17) Carbon Disulfide	2.57	76	61160	15.190	ug/l	98
18) Methyl Acetate	2.78	43	44081	22.864	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	101018	19.992	ug/l	98
20) Methylene Chloride	2.85	84	35076	19.548	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	31790	19.088	ug/l	96
22) Diisopropyl ether	3.85	45	96187	20.003	ug/l	96
23) Vinyl Acetate	3.82	43	392906	96.437	ug/l	99
24) 1,1-Dichloroethane	3.70	63	54998	19.694	ug/l	99
25) 2-Butanone	4.67	43	124567	102.488	ug/l	99
26) 2,2-Dichloropropane	4.58	77	36413	15.881	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	37428	19.418	ug/l	97
28) Bromochloromethane	5.01	49	23416	17.794	ug/l	96
29) Tetrahydrofuran	5.13	42	78150	101.507	ug/l	100
30) Chloroform	5.21	83	61749	20.457	ug/l	100
31) Cyclohexane	5.59	56	45165	17.744	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	50309	19.265	ug/l	97
36) 1,1-Dichloropropene	5.80	75	40772	18.852	ug/l	99
37) Ethyl Acetate	4.84	43	44281	19.995	ug/l	96
38) Carbon Tetrachloride	5.79	117	42964	19.064	ug/l	97

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	48136	17.163	ug/l	97
40) Benzene	6.14	78	130409	19.685	ug/l	100
41) Methacrylonitrile	5.05	41	25596	20.360	ug/l	94
42) 1,2-Dichloroethane	6.19	62	46648	20.251	ug/l	99
43) Isopropyl Acetate	6.45	43	70897	19.470	ug/l	99
44) Trichloroethene	7.21	130	37208	18.974	ug/l	98
45) 1,2-Dichloropropane	7.52	63	33628	19.944	ug/l	97
46) Dibromomethane	7.66	93	24162	20.054	ug/l	99
47) Bromodichloromethane	7.90	83	42294	19.720	ug/l	98
48) Methyl methacrylate	7.77	41	34884	19.665	ug/l	99
49) 1,4-Dioxane	7.74	88	20711	417.386	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	252205	106.843	ug/l	99
52) Toluene	8.78	92	84747	19.473	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	41543	18.014	ug/l	95
54) cis-1,3-Dichloropropene	8.43	75	46749	18.217	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	36655	20.455	ug/l	98
56) Ethyl methacrylate	9.18	69	51623	19.694	ug/l	98
57) 1,3-Dichloropropane	9.37	76	57068	20.075	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	123773	98.919	ug/l	100
59) 2-Hexanone	9.49	43	194818	106.408	ug/l	99
60) Dibromochloromethane	9.58	129	35436	18.842	ug/l	99
61) 1,2-Dibromoethane	9.67	107	38095	20.032	ug/l	99
64) Tetrachloroethene	9.34	164	37865	19.783	ug/l	98
65) Chlorobenzene	10.13	112	97698	19.550	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	34614	19.708	ug/l	98
67) Ethyl Benzene	10.25	91	165566	19.465	ug/l	100
68) m/p-Xylenes	10.35	106	127605	39.109	ug/l	98
69) o-Xylene	10.69	106	62434	19.606	ug/l	98
70) Styrene	10.71	104	105271	19.831	ug/l	99
71) Bromoform	10.85	173	25599	17.741	ug/l #	100
73) Isopropylbenzene	11.02	105	168914	19.631	ug/l	100
74) N-amyl acetate	10.90	43	63395	19.283	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	57848	20.544	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	59163	25.747	ug/l	84
77) Bromobenzene	11.26	156	45672	19.244	ug/l	99
78) n-propylbenzene	11.36	91	183945	19.348	ug/l	99
79) 2-Chlorotoluene	11.42	91	111430	19.511	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	139462	19.397	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	13246	17.422	ug/l	91
82) 4-Chlorotoluene	11.51	91	125678	18.907	ug/l	99
83) tert-Butylbenzene	11.77	119	138190	19.568	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	139960	19.314	ug/l	98
85) sec-Butylbenzene	11.94	105	162785	19.672	ug/l	99
86) p-Isopropyltoluene	12.06	119	148641	19.430	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	78993	19.179	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	80695	19.103	ug/l	98
89) n-Butylbenzene	12.38	91	123909	18.932	ug/l	99
90) Hexachloroethane	12.59	117	21807	18.073	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	81488	19.963	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	11634	19.766	ug/l	97

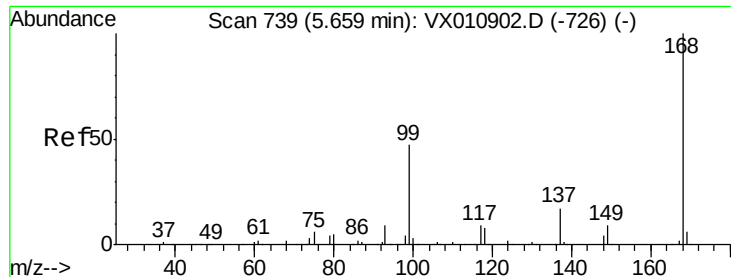
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX073019\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 24 05:39:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	53326	19.276	ug/l	100
94) Hexachlorobutadiene	13.78	225	26765	19.524	ug/l	99
95) Naphthalene	13.83	128	166906	20.431	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	54030	19.629	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX011199.D

Acq: 30 Jul 2019 16:53

Instrument :

MSVOA_X

ClientSampleId :

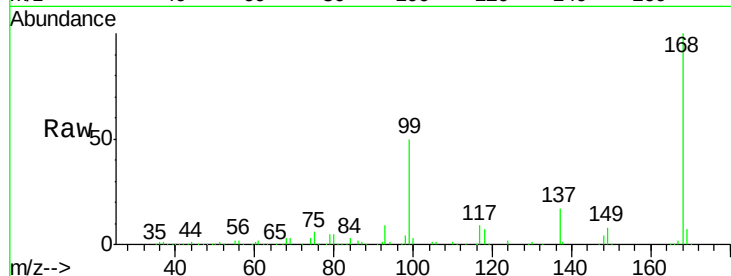
VX0730WBSD01

Tgt Ion:168 Resp: 176218

Ion Ratio Lower Upper

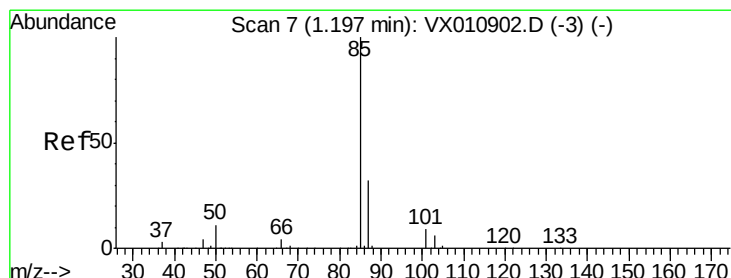
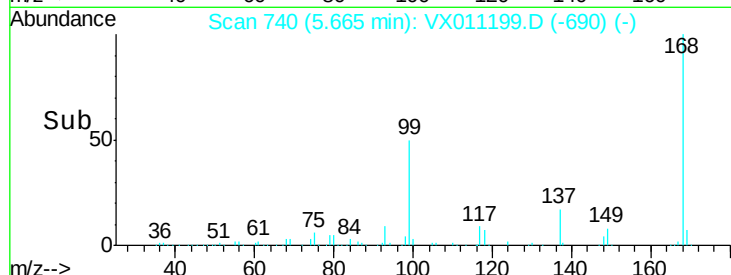
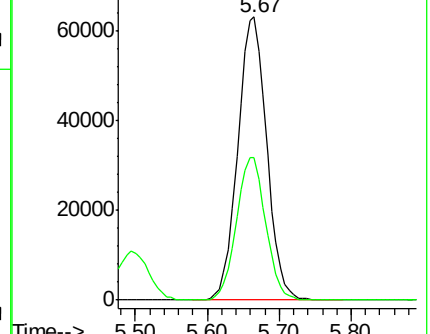
168 100

99 50.3 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: 17.465 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX011199.D

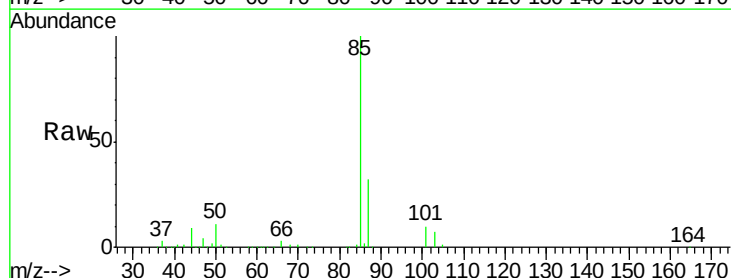
Acq: 30 Jul 2019 16:53

Tgt Ion: 85 Resp: 32142

Ion Ratio Lower Upper

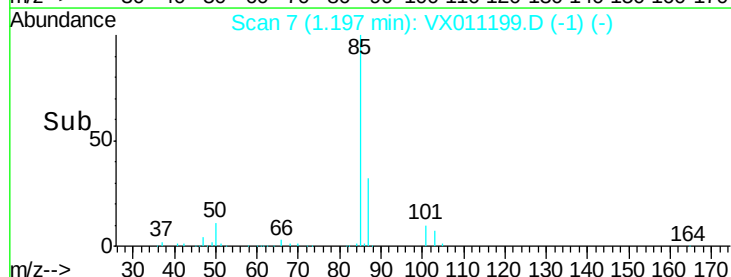
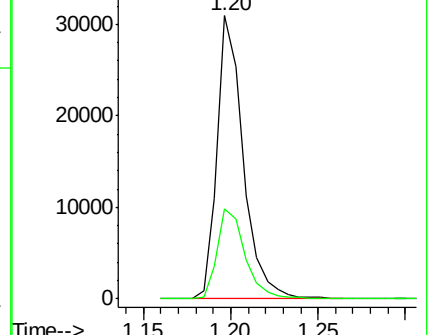
85 100

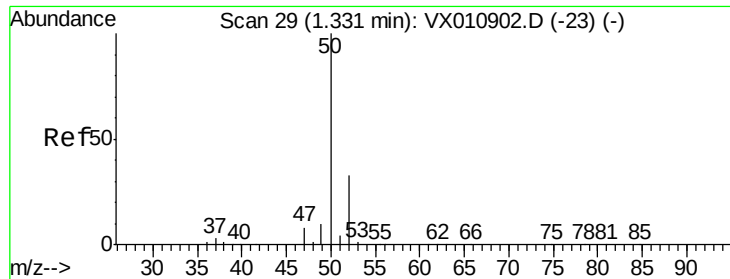
87 31.8 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.961 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX011199.D

Acq: 30 Jul 2019 16:53

Instrument :

MSVOA_X

ClientSampleId :

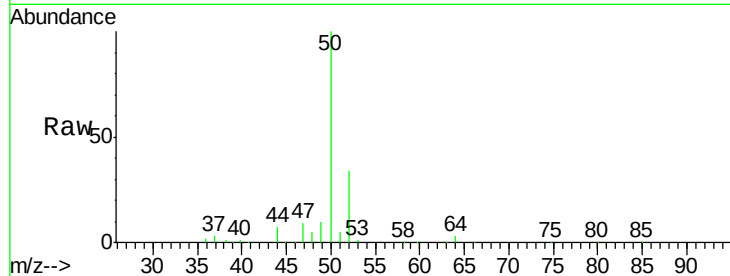
VX0730WBSD01

Tgt Ion: 50 Resp: 30726

Ion Ratio Lower Upper

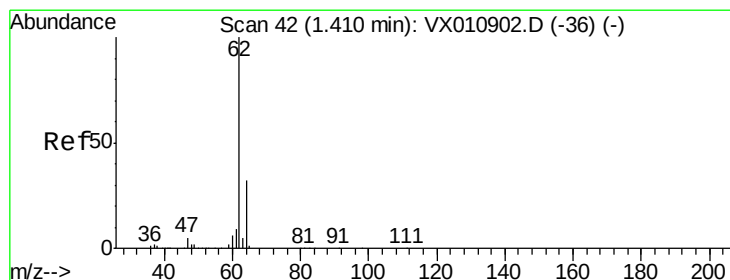
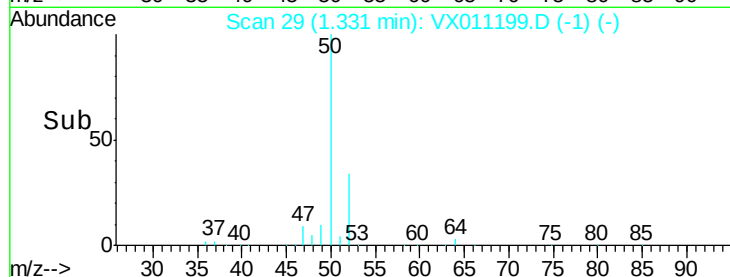
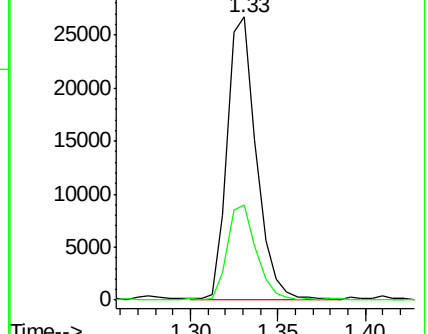
50 100

52 33.4 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: 19.188 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX011199.D

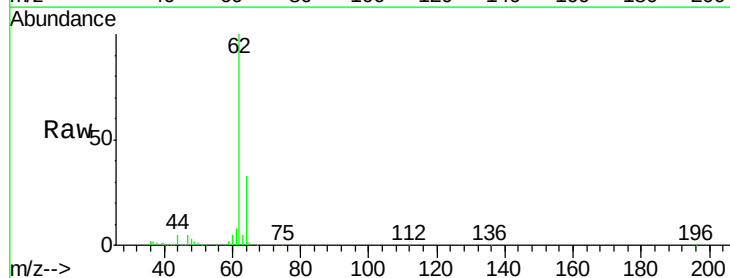
Acq: 30 Jul 2019 16:53

Tgt Ion: 62 Resp: 31715

Ion Ratio Lower Upper

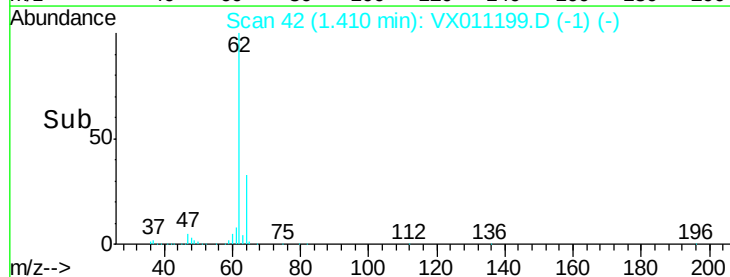
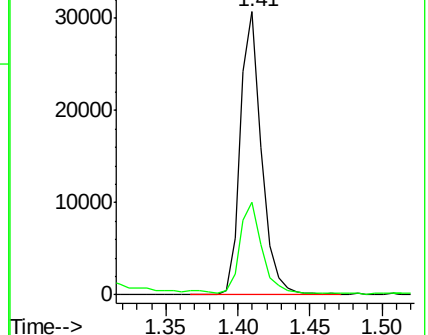
62 100

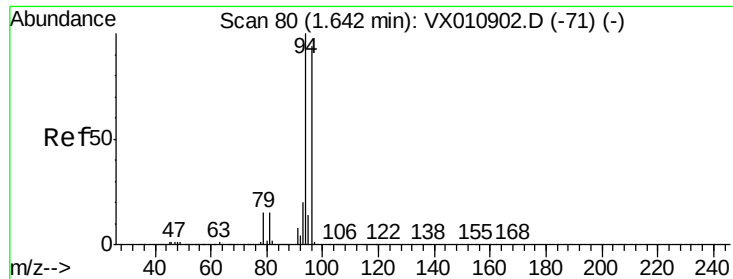
64 31.8 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 21.907 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX011199.D

Acq: 30 Jul 2019 16:53

Instrument :

MSVOA_X

ClientSampleId :

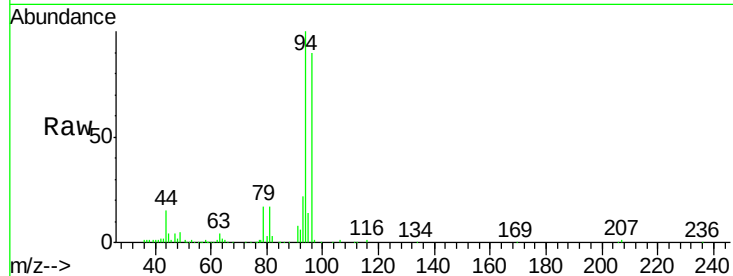
VX0730WBSD01

Tgt Ion: 94 Resp: 20405

Ion Ratio Lower Upper

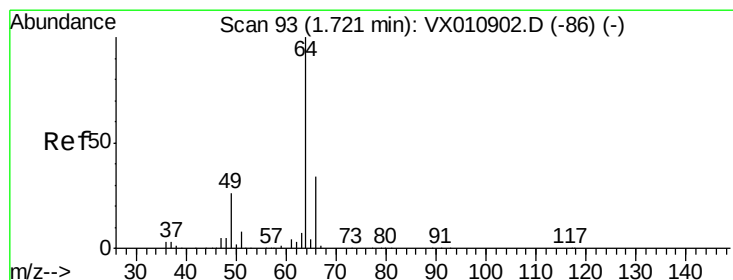
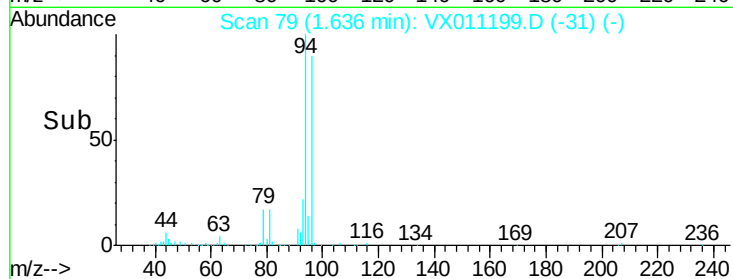
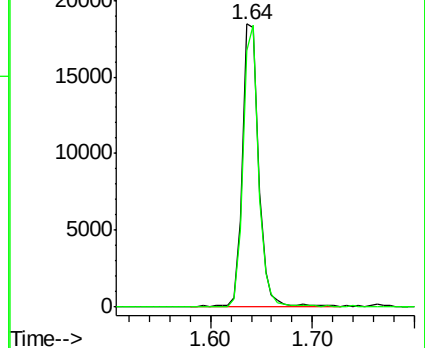
94 100

96 90.5 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: 19.499 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX011199.D

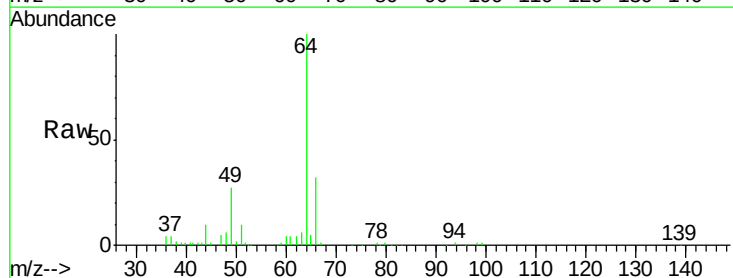
Acq: 30 Jul 2019 16:53

Tgt Ion: 64 Resp: 20482

Ion Ratio Lower Upper

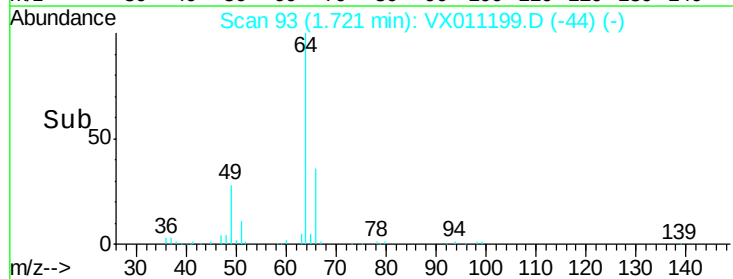
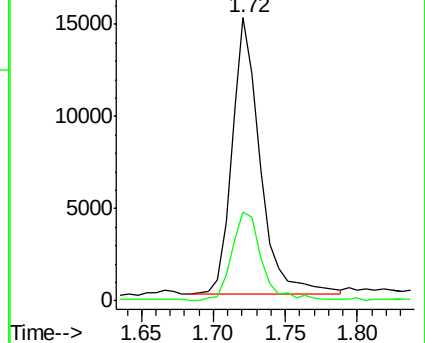
64 100

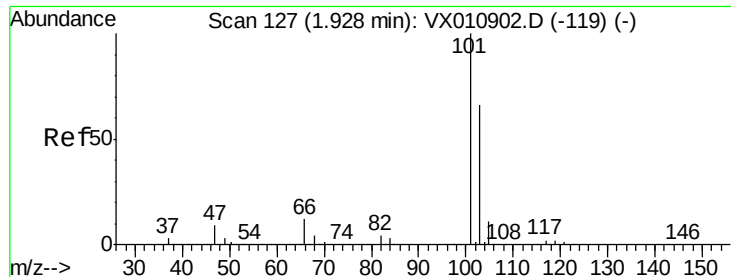
66 32.0 27.0 40.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



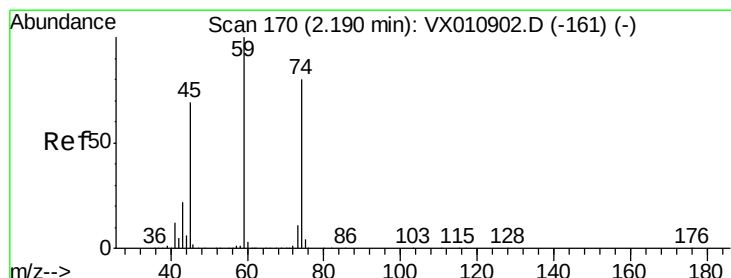
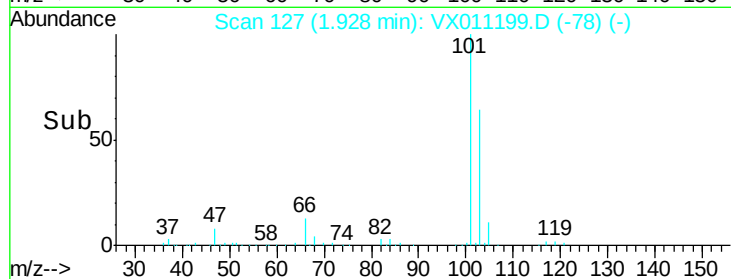
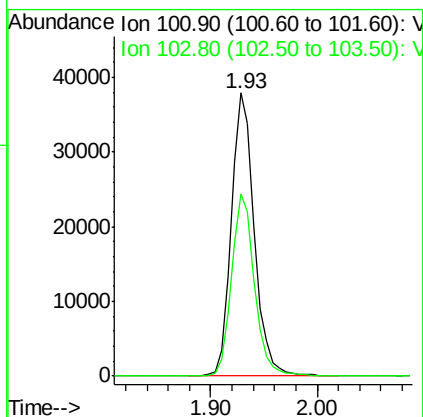
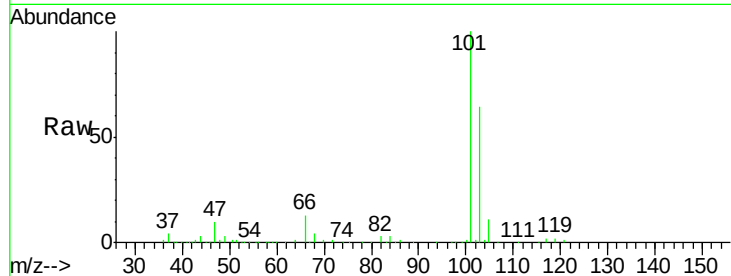


#7

Trichlorofluoromethane
Concen: 20.460 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX011199.D
Acq: 30 Jul 2019 16:53

Instrument :
MSVOA_X
ClientSampleId :
VX0730WBSD01

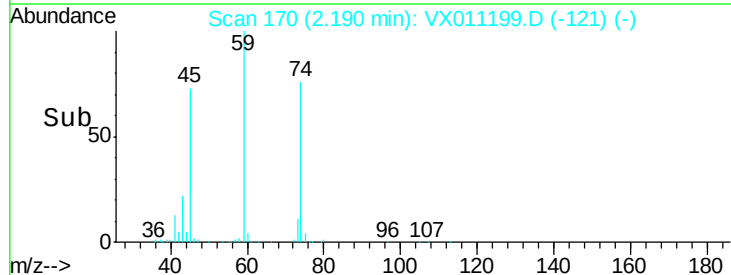
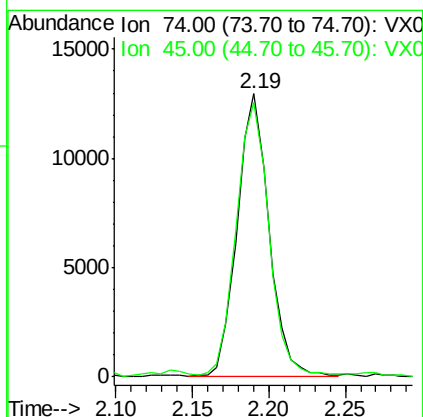
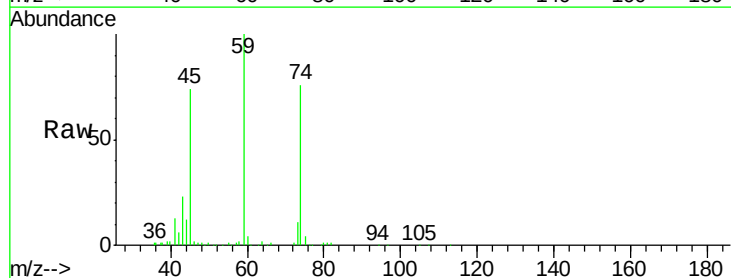
Tgt Ion:101 Resp: 57246
Ion Ratio Lower Upper
101 100
103 64.2 52.6 78.8

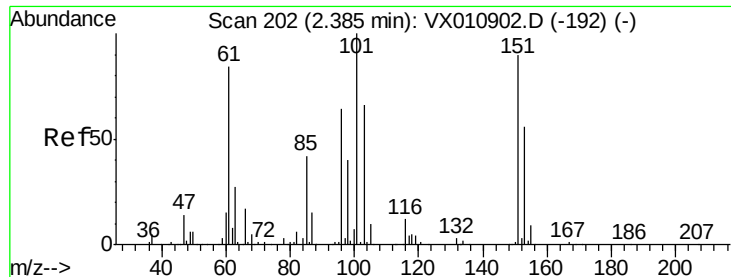


#8

Diethyl Ether
Concen: 19.460 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX011199.D
Acq: 30 Jul 2019 16:53

Tgt Ion: 74 Resp: 18760
Ion Ratio Lower Upper
74 100
45 97.9 45.5 136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.432 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX011199.D

Acq: 30 Jul 2019 16:53

Instrument :

MSVOA_X

ClientSampleId :

VX0730WBSD01

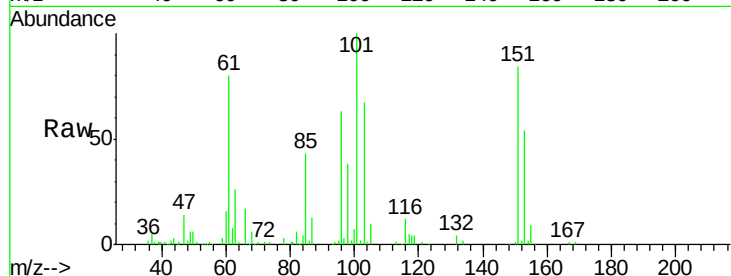
Tgt Ion:101 Resp: 31044

Ion Ratio Lower Upper

101 100

85 43.5 34.6 52.0

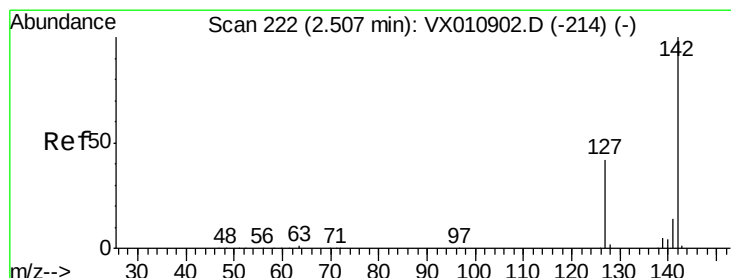
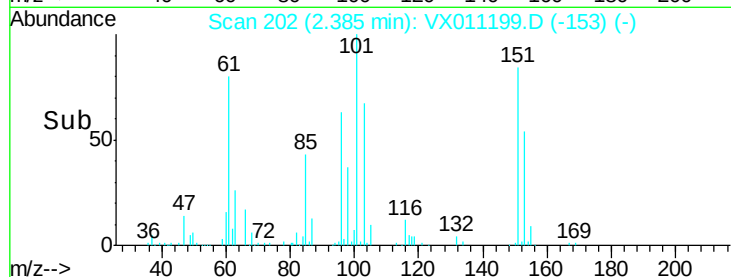
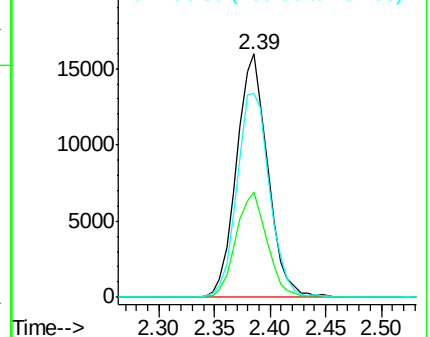
151 87.8 69.6 104.4



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: 13.331 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX011199.D

Acq: 30 Jul 2019 16:53

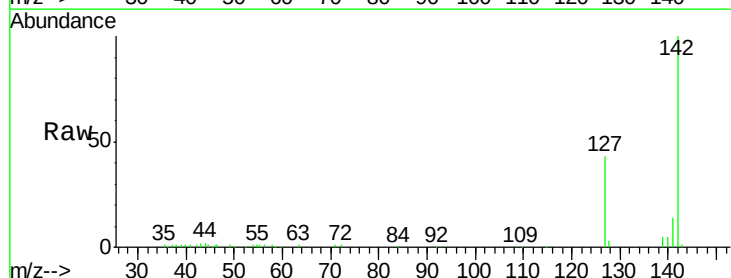
Tgt Ion:142 Resp: 27947

Ion Ratio Lower Upper

142 100

127 44.5 34.2 51.4

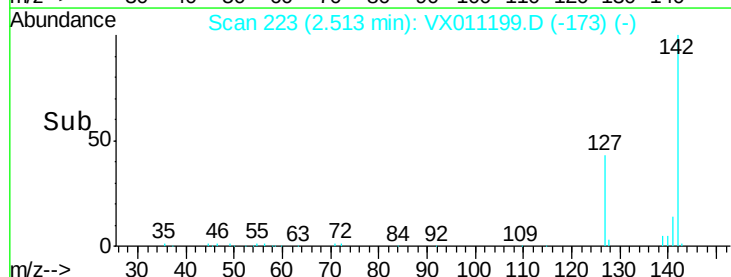
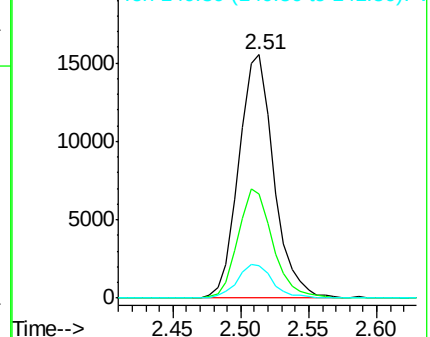
141 13.9 11.7 17.5

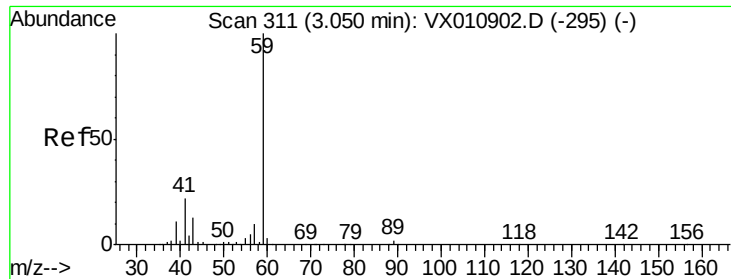


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

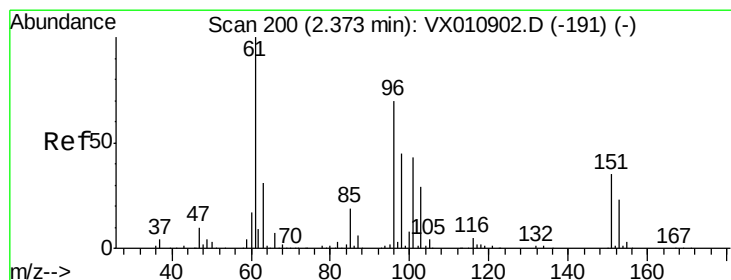
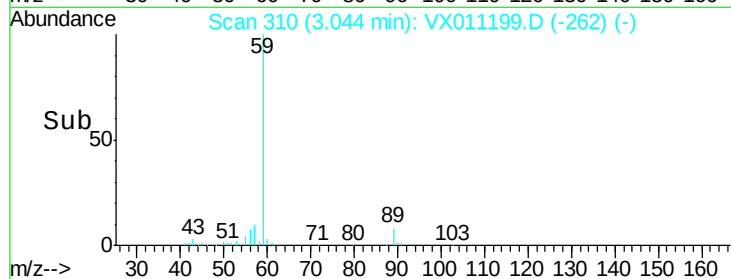
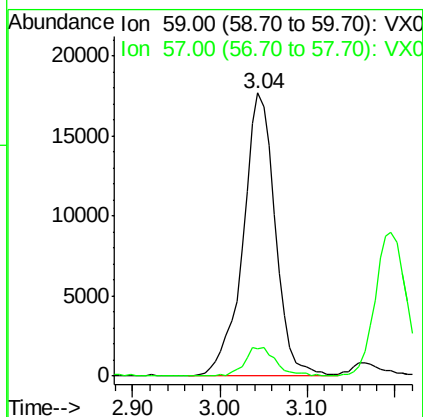
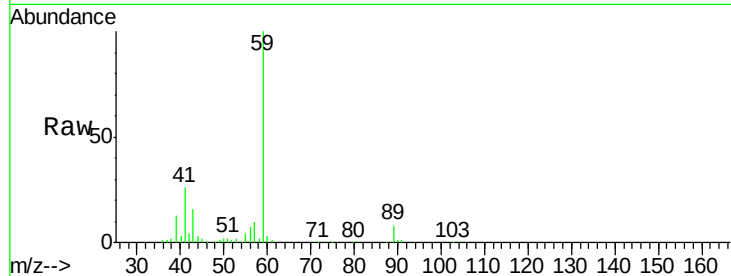




#11
Tert butyl alcohol
Concen: 103.741 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX011199.D
Acq: 30 Jul 2019 16:53

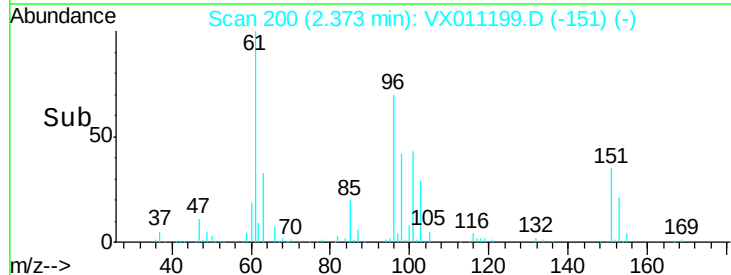
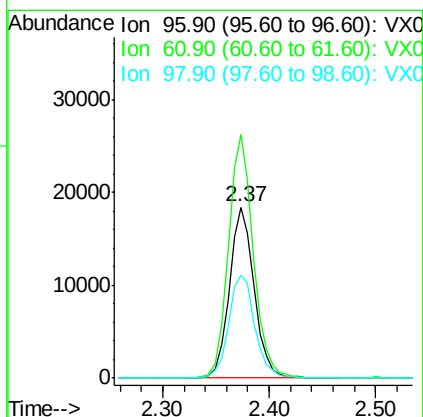
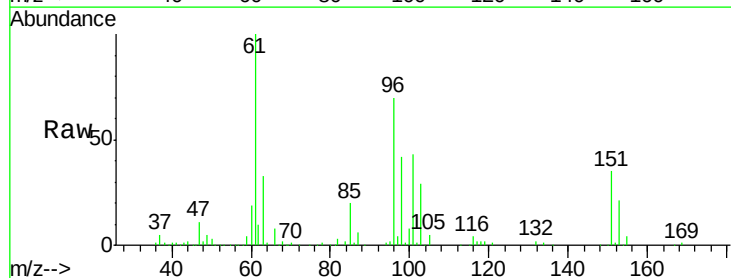
Instrument :
MSVOA_X
ClientSampleId :
VX0730WBSD01

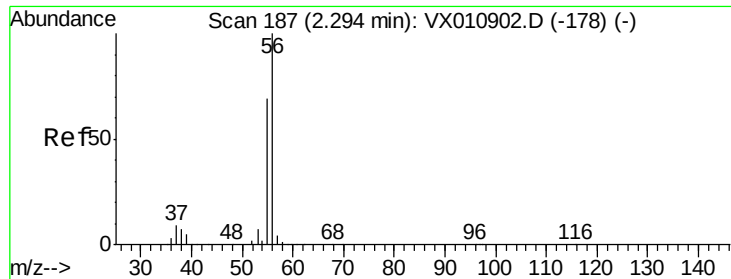
Tgt Ion: 59 Resp: 45293
Ion Ratio Lower Upper
59 100
57 10.0 7.9 11.9



#12
1,1-Dichloroethene
Concen: 19.108 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX011199.D
Acq: 30 Jul 2019 16:53

Tgt Ion: 96 Resp: 29992
Ion Ratio Lower Upper
96 100
61 142.1 115.0 172.4
98 60.1 52.2 78.2





#13

Acrolein

Concen: 57.990 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX011199.D

Acq: 30 Jul 2019 16:53

Instrument :

MSVOA_X

ClientSampleId :

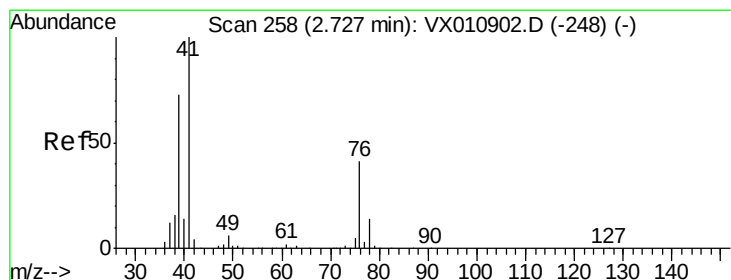
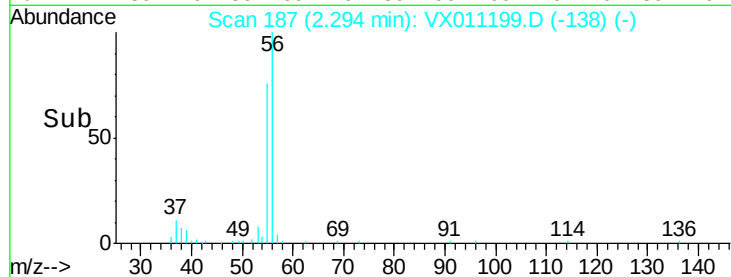
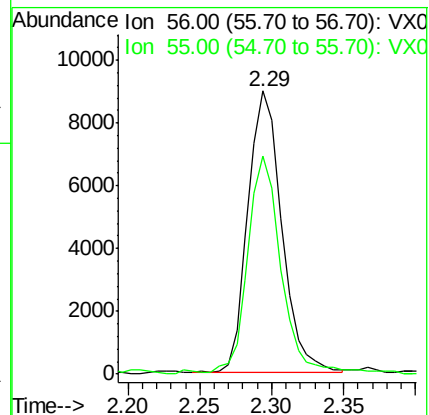
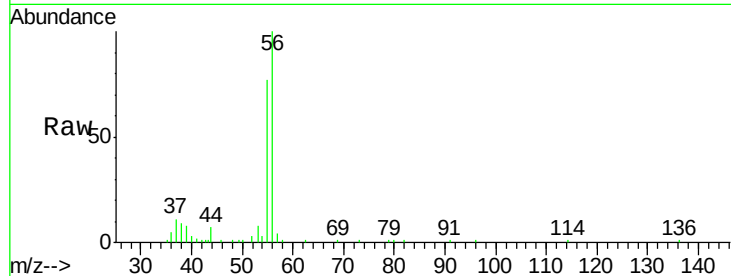
VX0730WBSD01

Tgt Ion: 56 Resp: 14628

Ion Ratio Lower Upper

56 100

55 78.3 55.9 83.9



#14

Allyl chloride

Concen: 18.840 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX011199.D

Acq: 30 Jul 2019 16:53

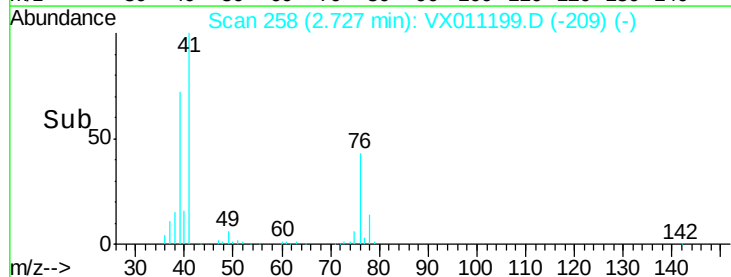
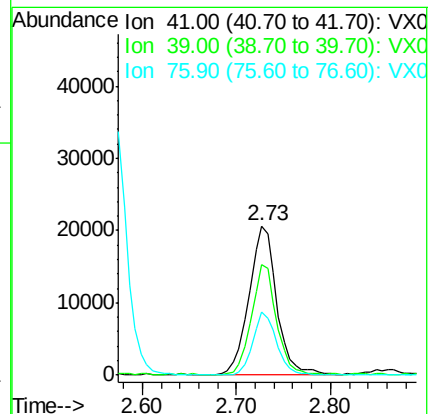
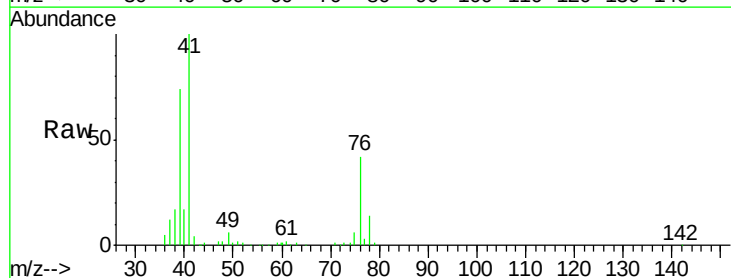
Tgt Ion: 41 Resp: 42954

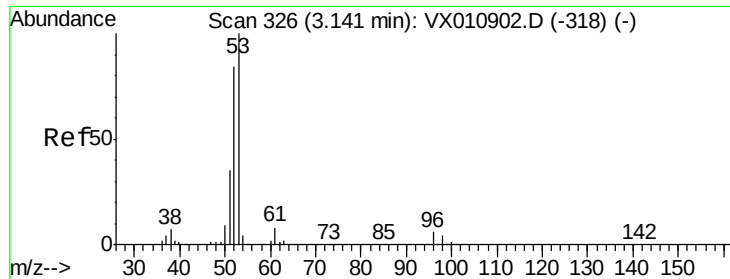
Ion Ratio Lower Upper

41 100

39 65.4 53.6 80.4

76 36.1 29.7 44.5





#15

Acrylonitrile

Concen: 104.277 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX011199.D

Acq: 30 Jul 2019 16:53

Instrument :

MSVOA_X

ClientSampleId :

VX0730WBSD01

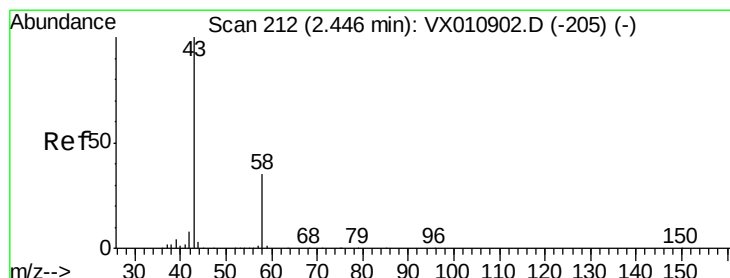
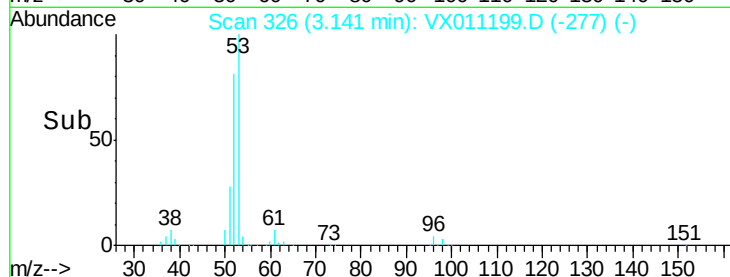
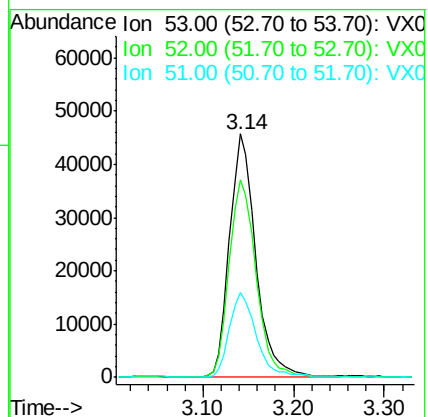
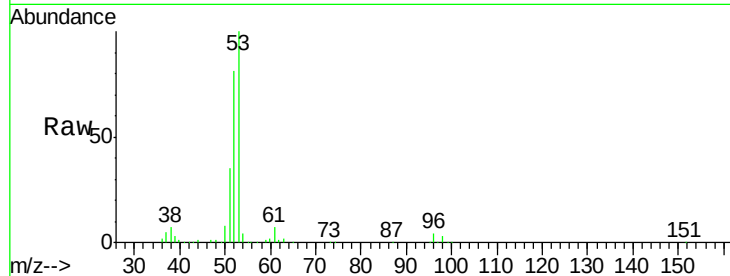
Tgt Ion: 53 Resp: 91996

Ion Ratio Lower Upper

53 100

52 83.9 66.5 99.7

51 36.4 28.2 42.4



#16

Acetone

Concen: 90.182 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX011199.D

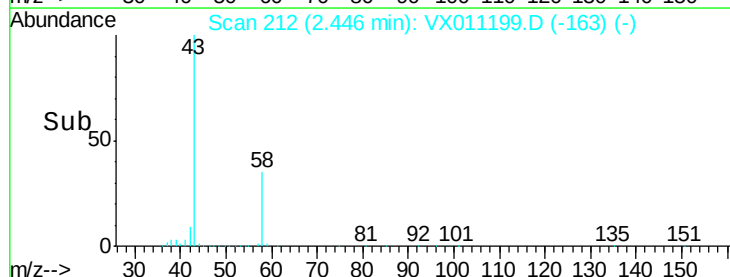
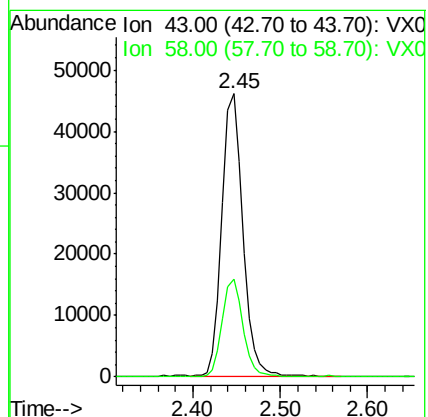
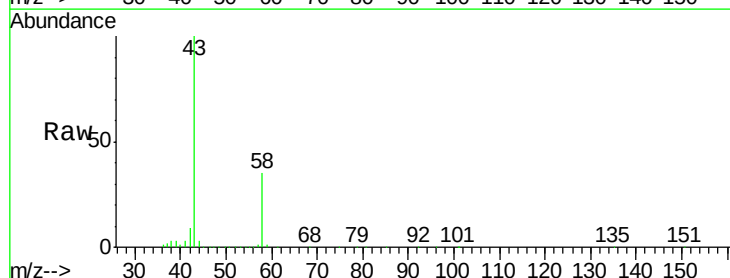
Acq: 30 Jul 2019 16:53

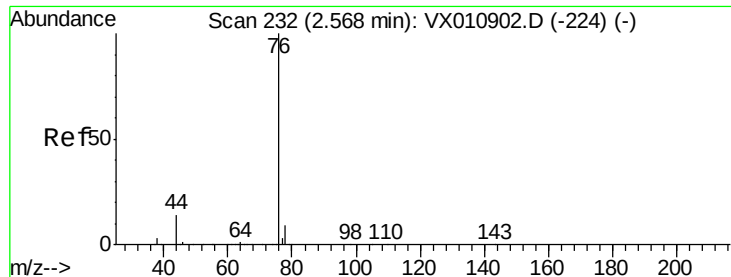
Tgt Ion: 43 Resp: 76357

Ion Ratio Lower Upper

43 100

58 34.7 27.7 41.5

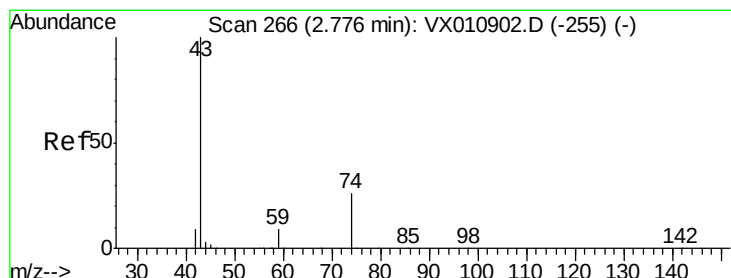
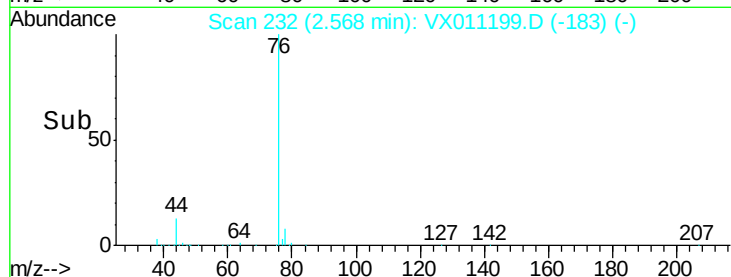
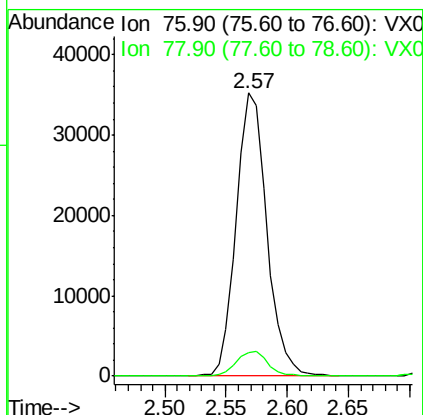
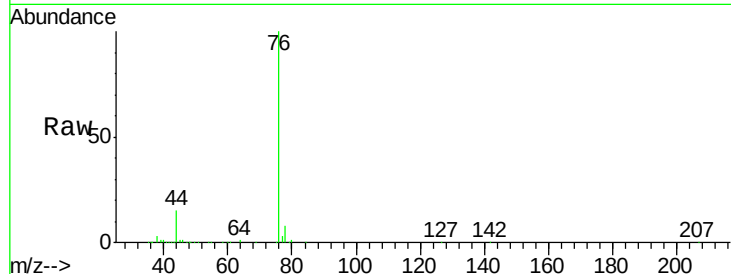




#17
Carbon Disulfide
Concen: 15.190 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX011199.D
Acq: 30 Jul 2019 16:53

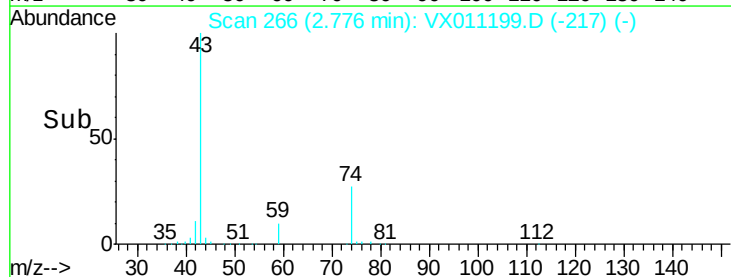
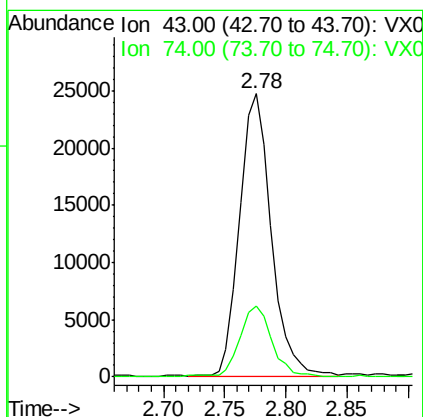
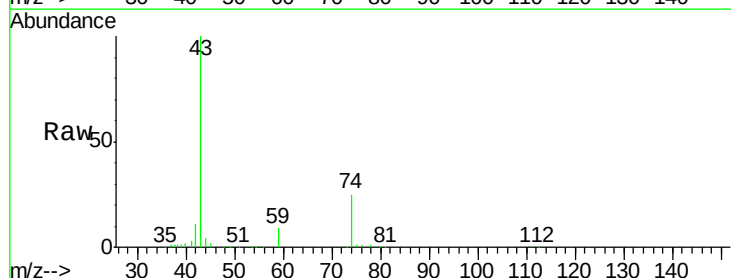
Instrument :
MSVOA_X
ClientSampleId :
VX0730WBSD01

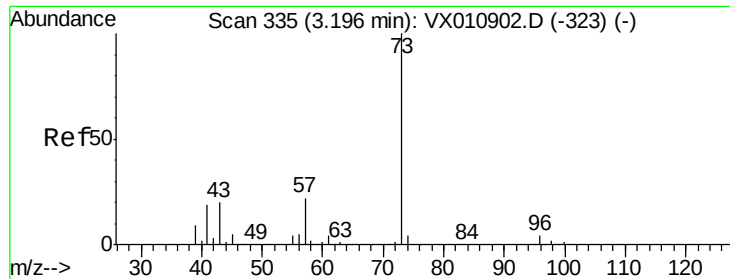
Tgt Ion: 76 Resp: 61160
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.0



#18
Methyl Acetate
Concen: 22.864 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX011199.D
Acq: 30 Jul 2019 16:53

Tgt Ion: 43 Resp: 44081
Ion Ratio Lower Upper
43 100
74 26.1 21.5 32.3

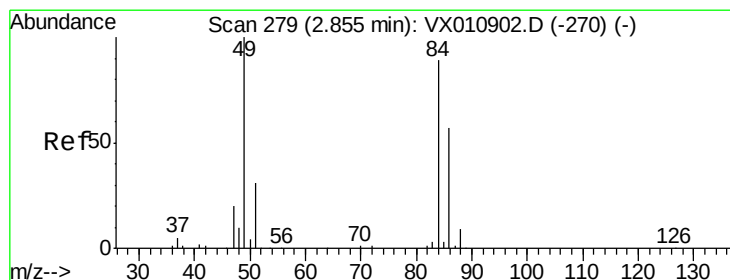
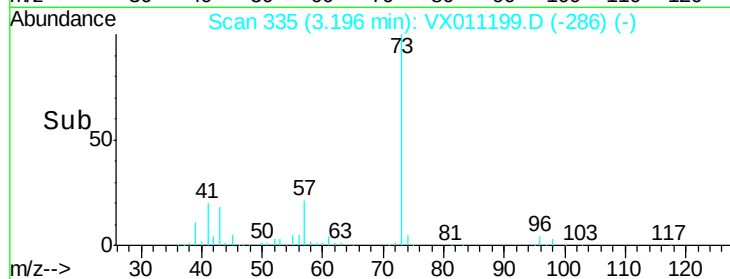
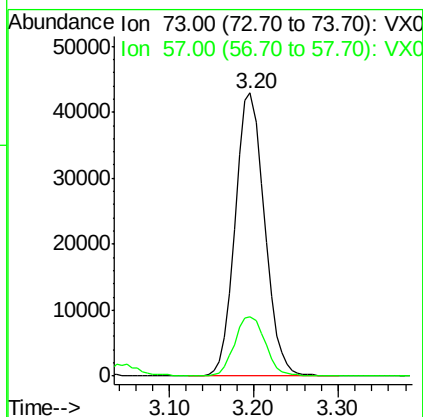
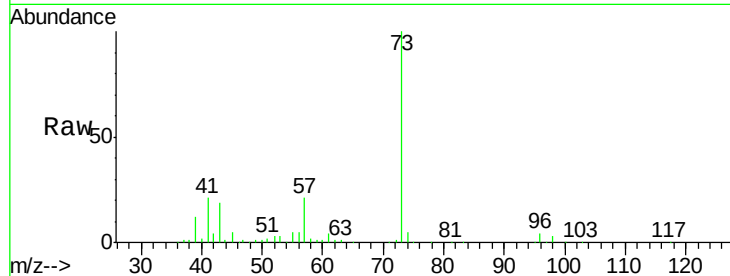




#19
Methyl tert-butyl Ether
Concen: 19.992 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX011199.D
Acq: 30 Jul 2019 16:53

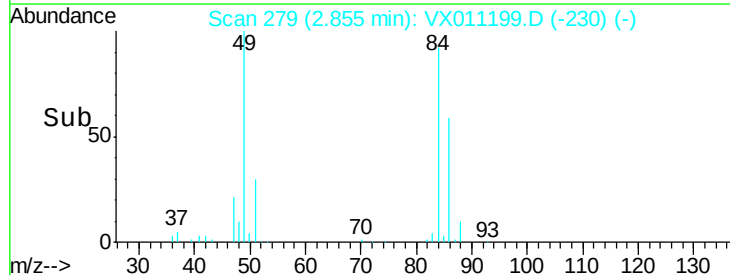
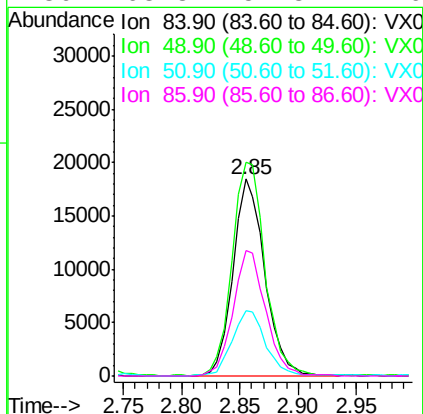
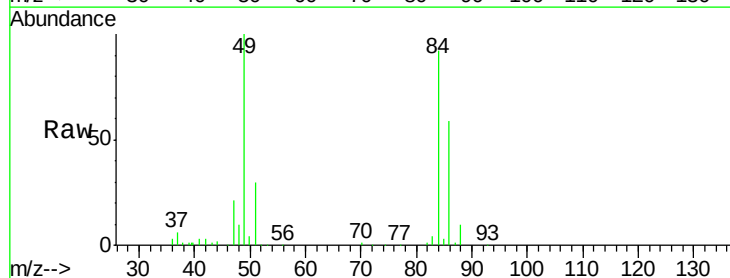
Instrument :
MSVOA_X
ClientSampleId :
VX0730WBSD01

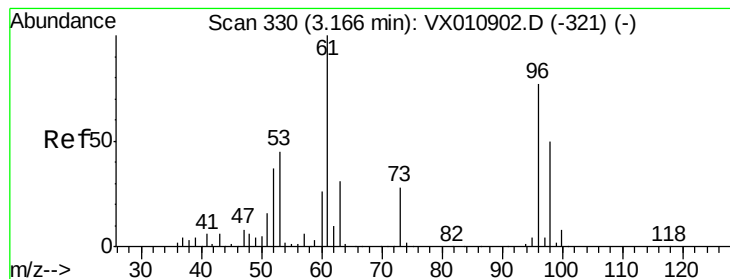
Tgt Ion: 73 Resp: 101018
Ion Ratio Lower Upper
73 100
57 20.9 17.3 25.9



#20
Methylene Chloride
Concen: 19.548 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX011199.D
Acq: 30 Jul 2019 16:53

Tgt Ion: 84 Resp: 35076
Ion Ratio Lower Upper
84 100
49 108.6 89.9 134.9
51 32.6 27.8 41.6
86 63.8 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 19.088 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX011199.D

Acq: 30 Jul 2019 16:53

Instrument :

MSVOA_X

ClientSampleId :

VX0730WBSD01

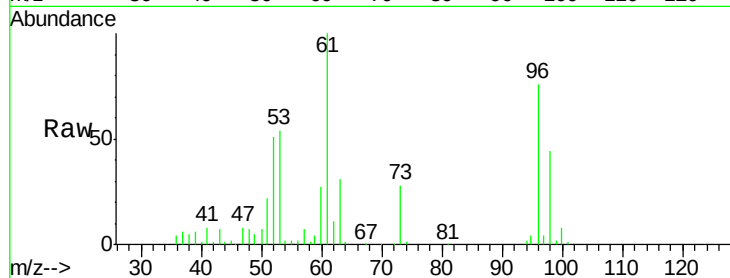
Tgt Ion: 96 Resp: 31790

Ion Ratio Lower Upper

96 100

61 131.1 104.2 156.2

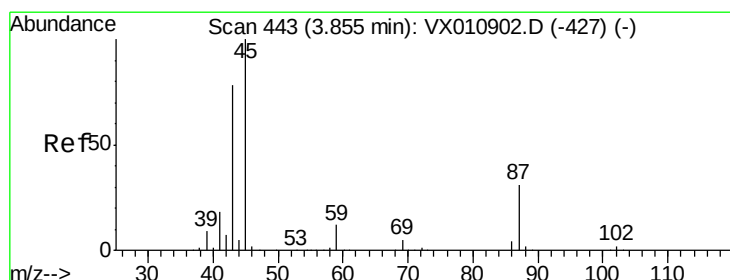
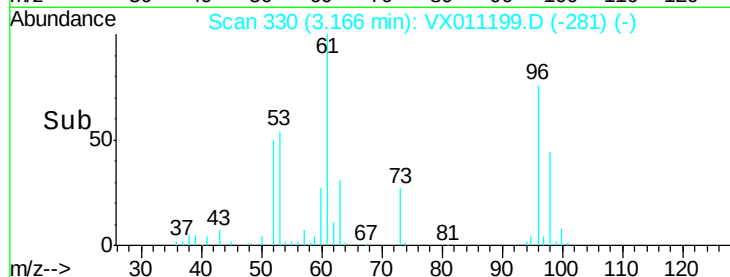
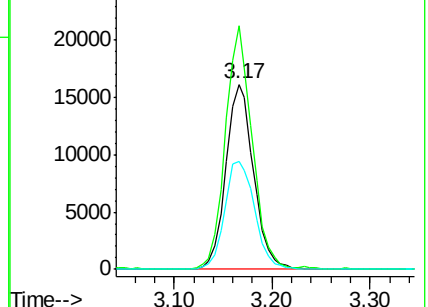
98 58.2 52.2 78.4



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: 20.003 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX011199.D

Acq: 30 Jul 2019 16:53

Tgt Ion: 45 Resp: 96187

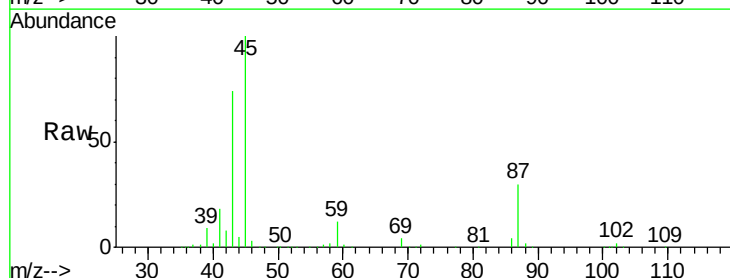
Ion Ratio Lower Upper

45 100

43 73.6 62.3 93.5

87 29.9 25.0 37.4

59 11.5 9.9 14.9

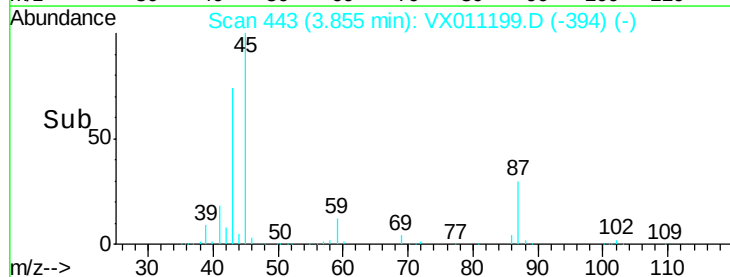
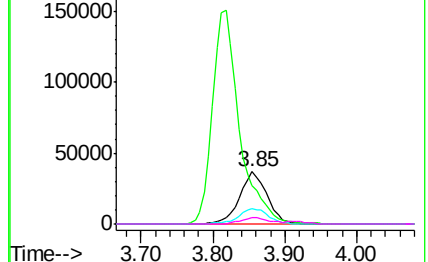


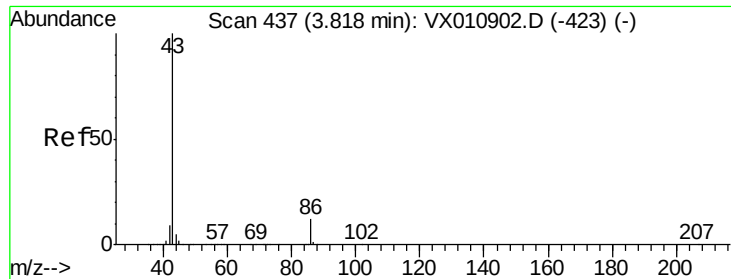
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 96.437 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX011199.D

Acq: 30 Jul 2019 16:53

Instrument :

MSVOA_X

ClientSampleId :

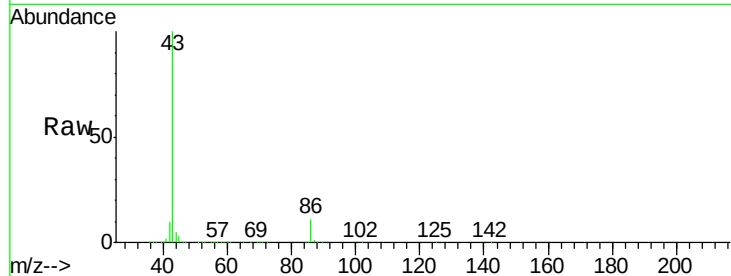
VX0730WBSD01

Tgt Ion: 43 Resp: 392906

Ion Ratio Lower Upper

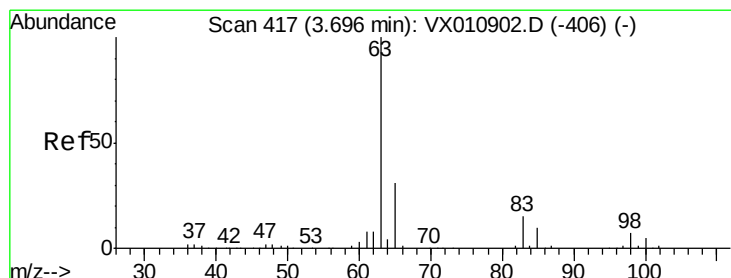
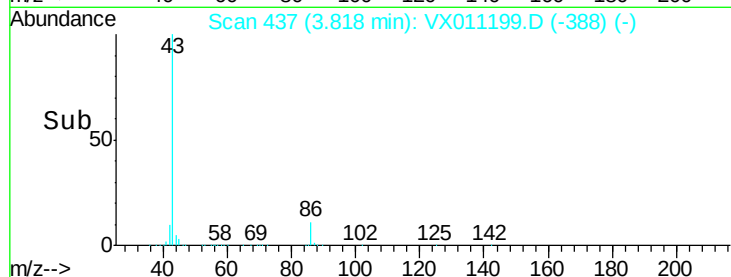
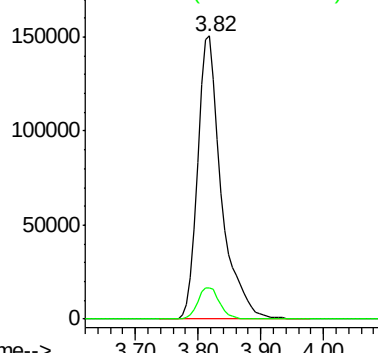
43 100

86 11.1 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: 19.694 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX011199.D

Acq: 30 Jul 2019 16:53

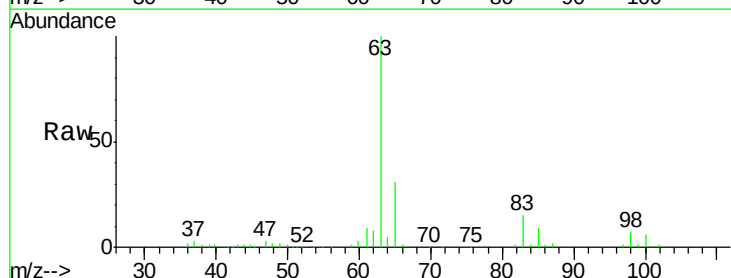
Tgt Ion: 63 Resp: 54998

Ion Ratio Lower Upper

63 100

98 7.3 3.6 10.9

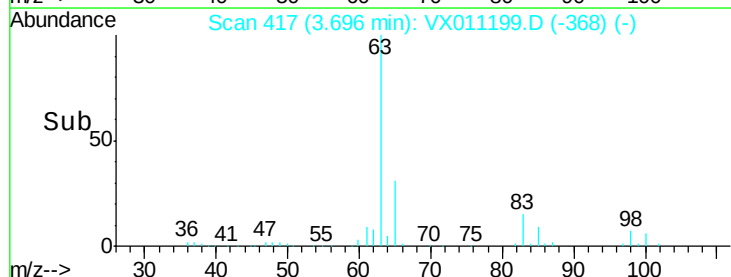
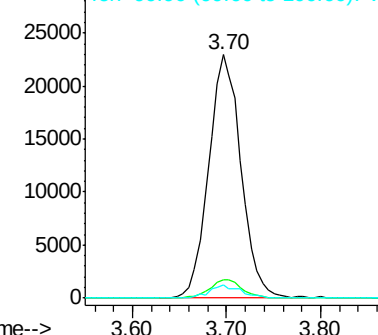
100 5.6 2.4 7.2

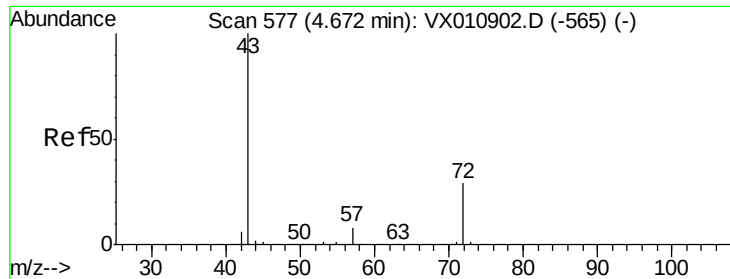


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 102.488 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX011199.D

Acq: 30 Jul 2019 16:53

Instrument :

MSVOA_X

ClientSampleId :

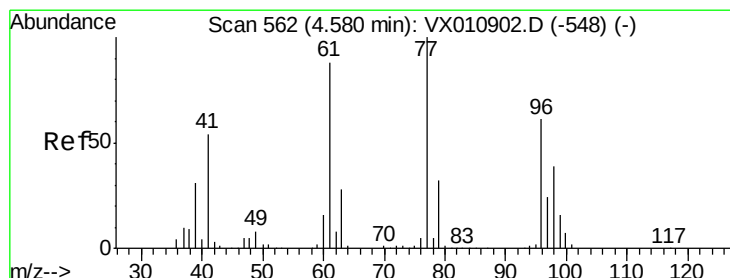
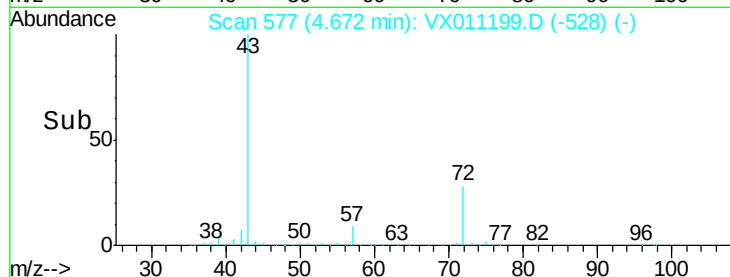
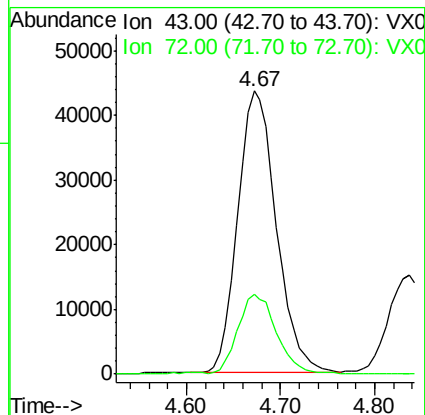
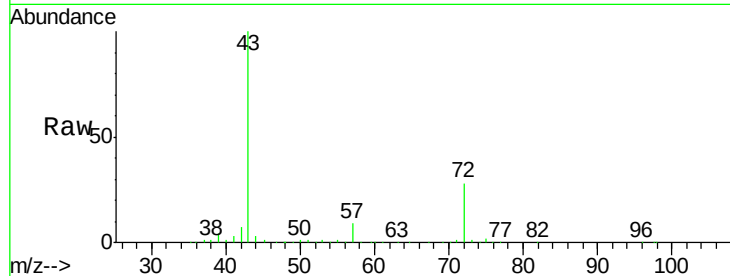
VX0730WBSD01

Tgt Ion: 43 Resp: 124567

Ion Ratio Lower Upper

43 100

72 28.2 23.0 34.6



#26

2,2-Dichloropropane

Concen: 15.881 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX011199.D

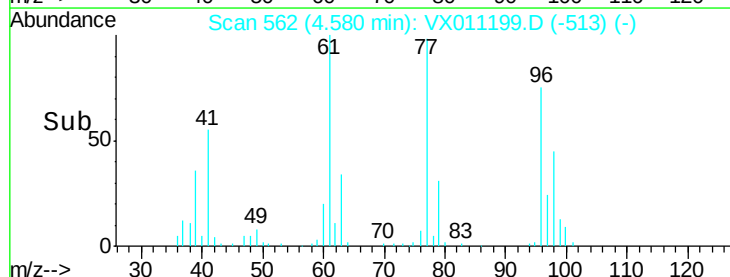
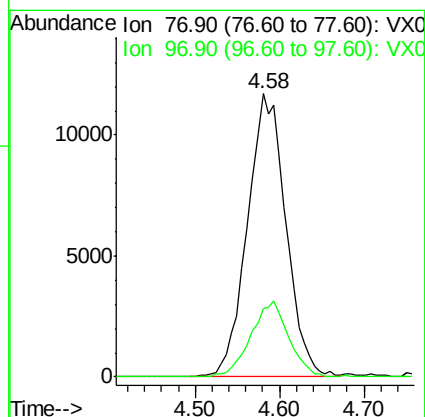
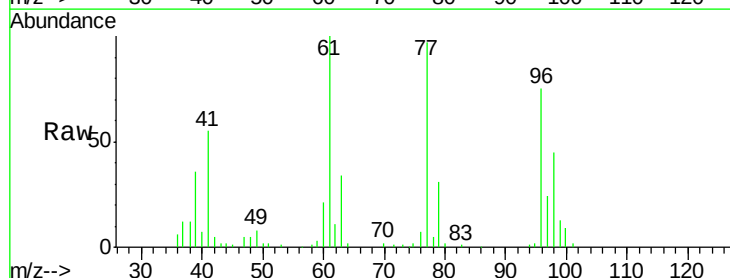
Acq: 30 Jul 2019 16:53

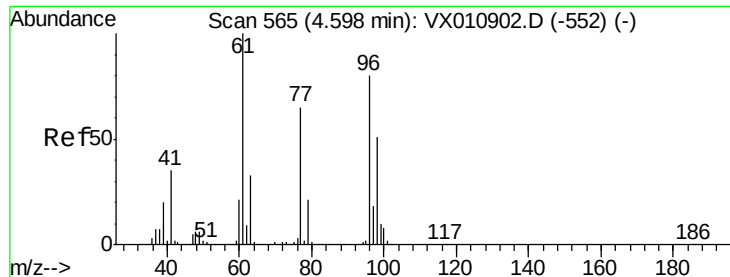
Tgt Ion: 77 Resp: 36413

Ion Ratio Lower Upper

77 100

97 26.3 12.6 37.6



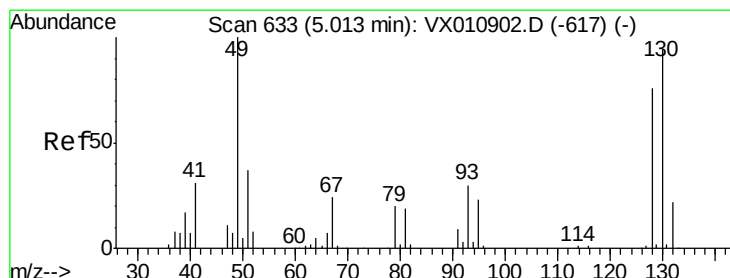
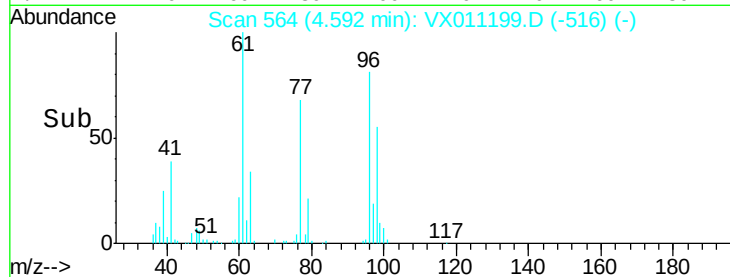
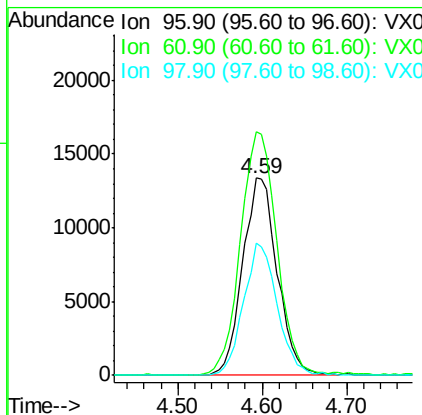
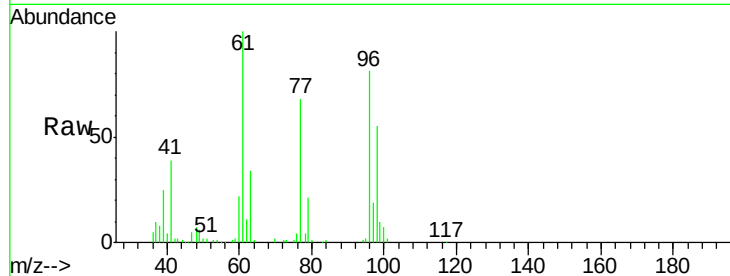


#27

cis-1,2-Dichloroethene
 Concen: 19.418 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX011199.D
 Acq: 30 Jul 2019 16:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0730WBSD01

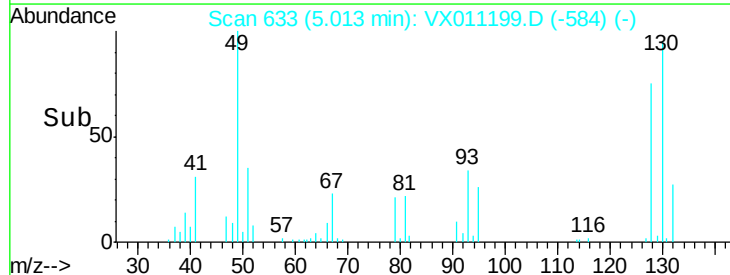
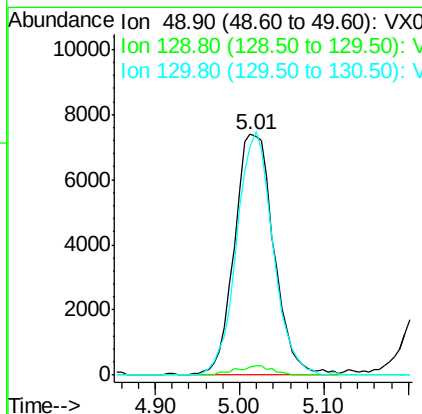
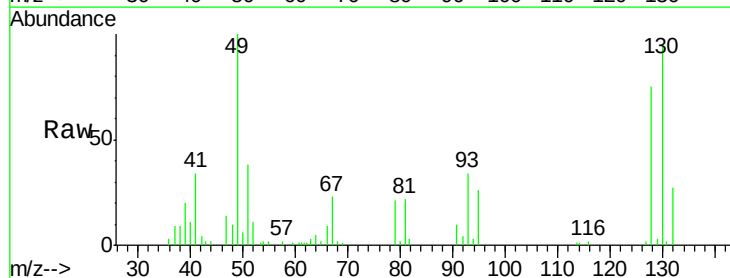
Tgt Ion: 96 Resp: 37428
 Ion Ratio Lower Upper
 96 100
 61 129.4 0.0 269.0
 98 65.3 0.0 131.4

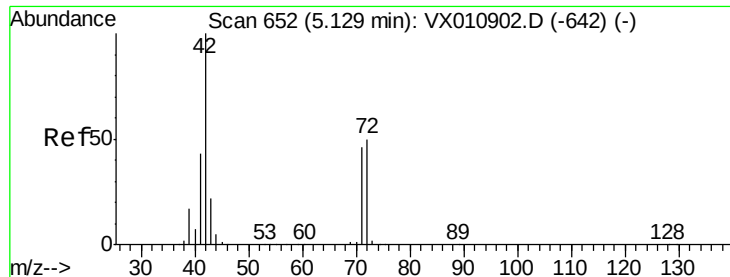


#28

Bromochloromethane
 Concen: 17.794 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: VX011199.D
 Acq: 30 Jul 2019 16:53

Tgt Ion: 49 Resp: 23416
 Ion Ratio Lower Upper
 49 100
 129 3.5 0.0 5.2
 130 92.5 76.9 115.3





#29

Tetrahydrofuran

Concen: 101.507 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX011199.D

Acq: 30 Jul 2019 16:53

Instrument :

MSVOA_X

ClientSampleId :

VX0730WBSD01

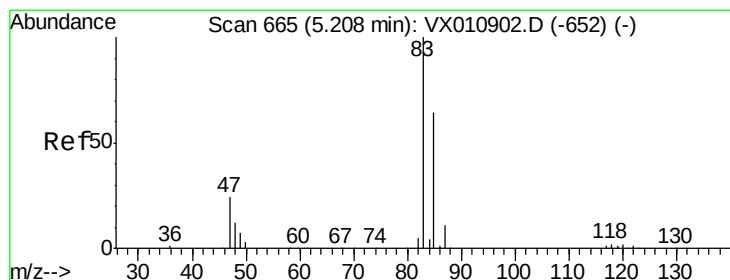
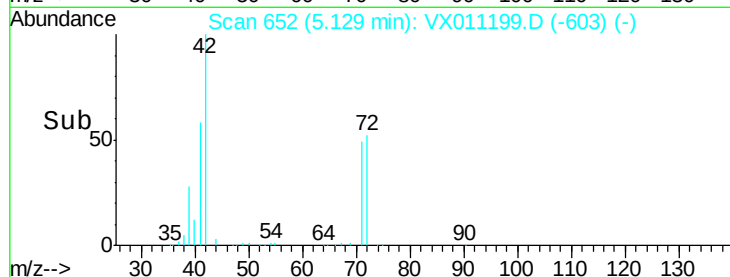
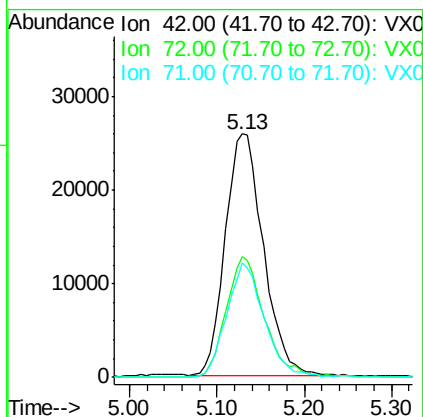
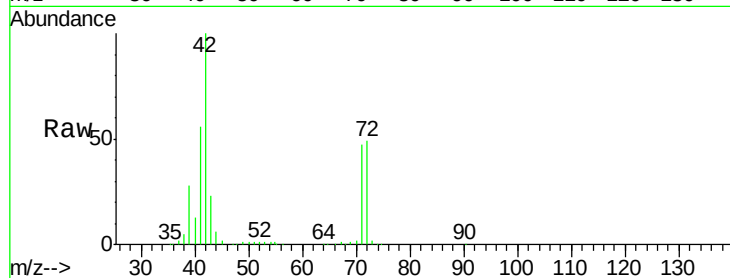
Tgt Ion: 42 Resp: 78150

Ion Ratio Lower Upper

42 100

72 49.7 39.8 59.8

71 46.7 37.0 55.4



#30

Chloroform

Concen: 20.457 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.00 min

Lab File: VX011199.D

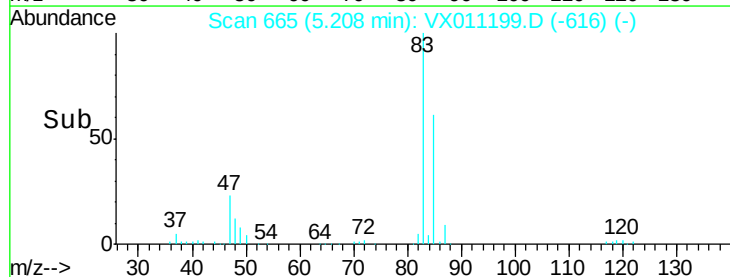
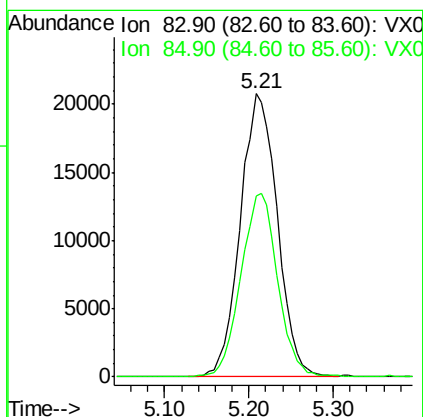
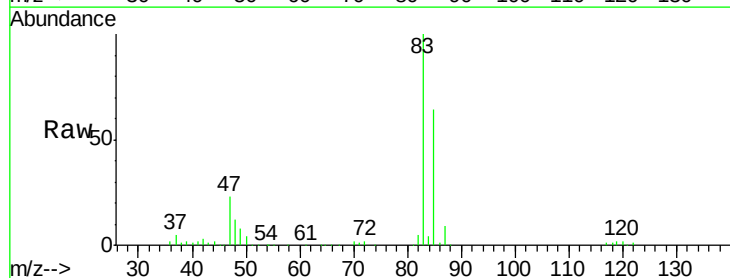
Acq: 30 Jul 2019 16:53

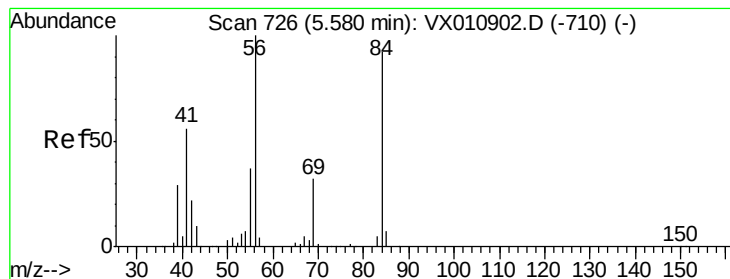
Tgt Ion: 83 Resp: 61749

Ion Ratio Lower Upper

83 100

85 64.2 51.4 77.0





#31

Cyclohexane

Concen: 17.744 ug/l

RT: 5.59 min Scan# 727

Delta R.T. 0.01 min

Lab File: VX011199.D

Acq: 30 Jul 2019 16:53

Instrument :

MSVOA_X

ClientSampleId :

VX0730WBSD01

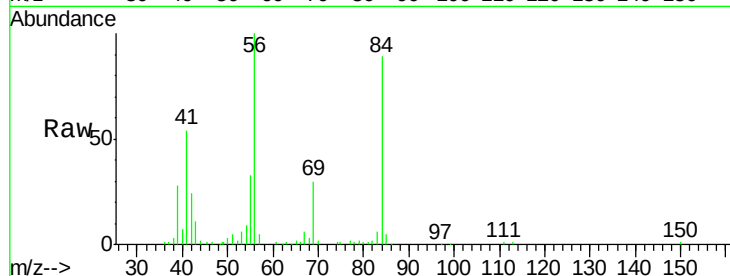
Tgt Ion: 56 Resp: 45165

Ion Ratio Lower Upper

56 100

69 30.1 25.8 38.8

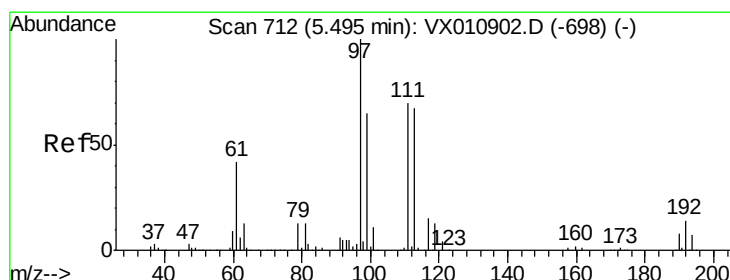
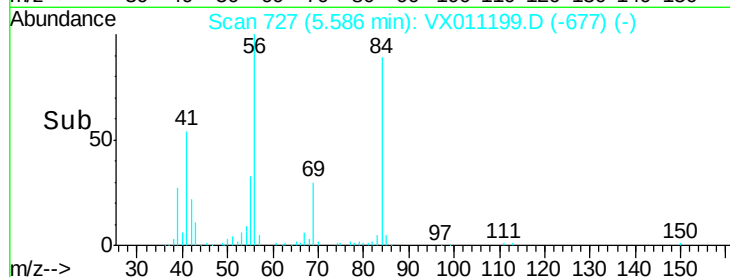
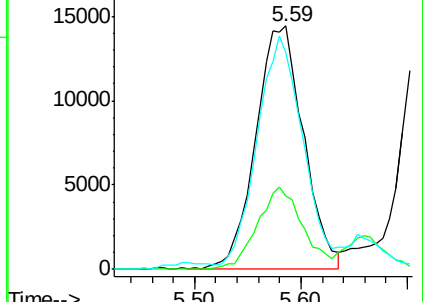
84 85.9 73.8 110.6



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: 19.265 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX011199.D

Acq: 30 Jul 2019 16:53

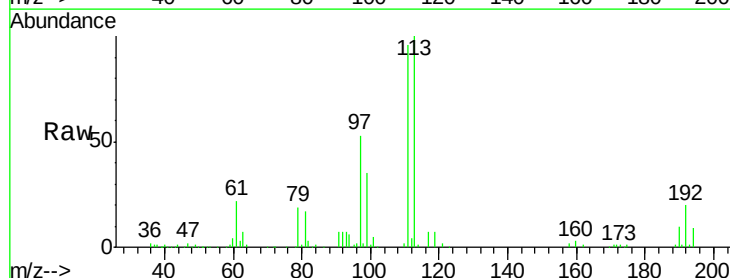
Tgt Ion: 97 Resp: 50309

Ion Ratio Lower Upper

97 100

99 67.0 51.4 77.0

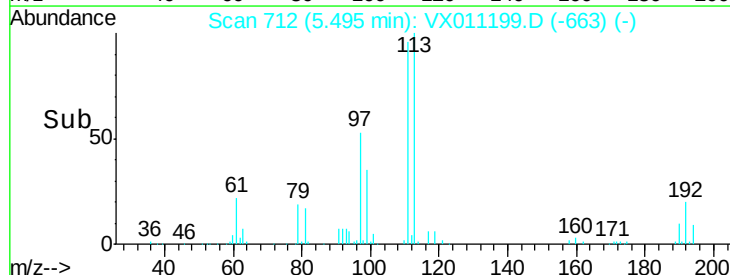
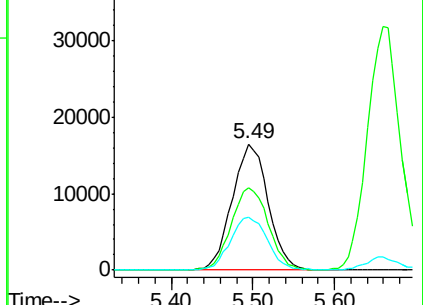
61 43.3 33.0 49.6

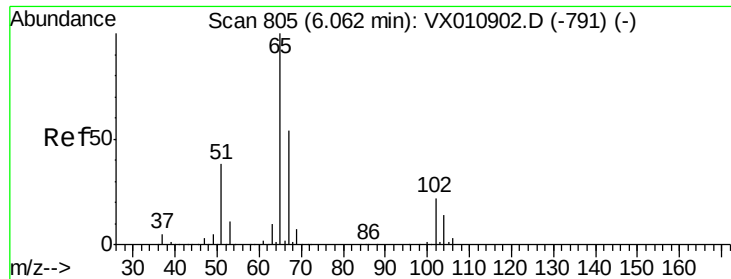


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

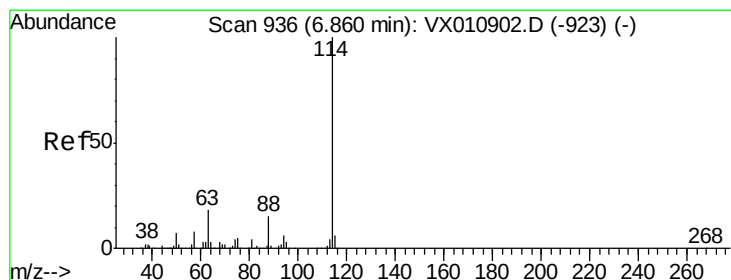
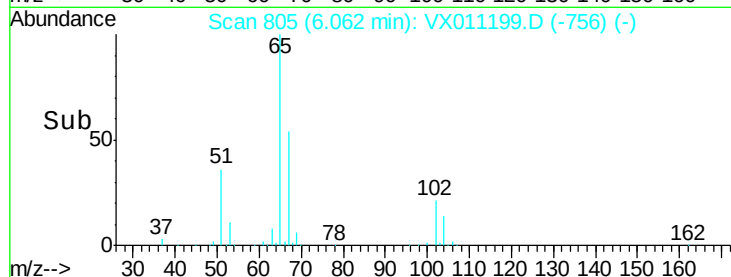
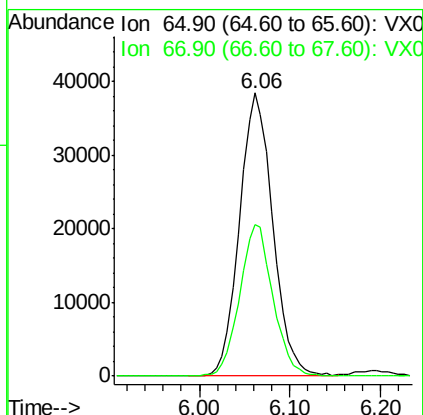
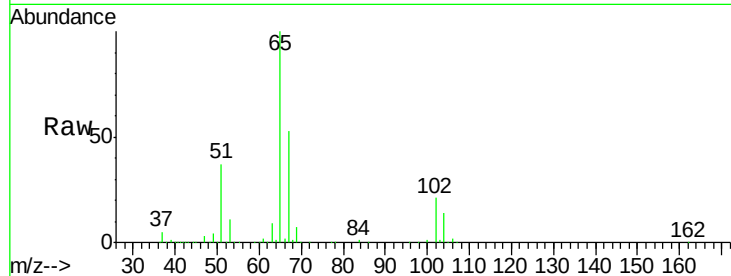




#33
 1,2-Dichloroethane-d4
 Concen: 52.161 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX011199.D
 Acq: 30 Jul 2019 16:53

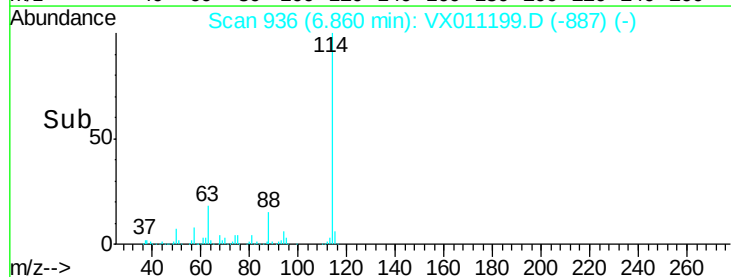
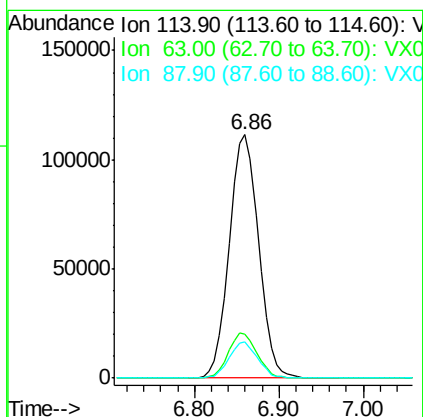
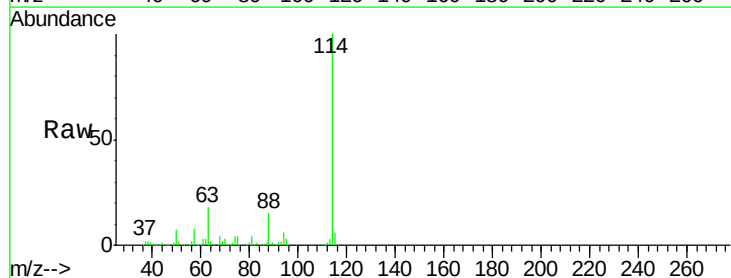
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0730WBSD01

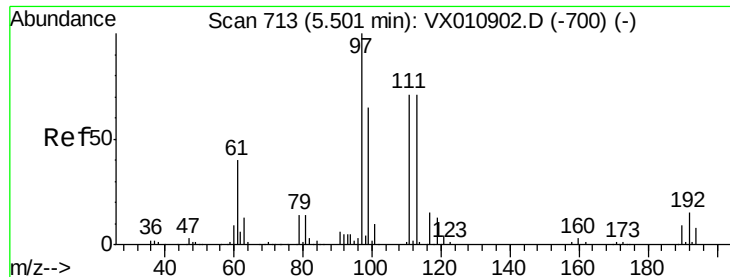
Tgt Ion: 65 Resp: 97786
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX011199.D
 Acq: 30 Jul 2019 16:53

Tgt Ion: 114 Resp: 263295
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 35.6
 88 14.9 0.0 29.8





#35

Dibromofluoromethane

Concen: 52.333 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX011199.D

Acq: 30 Jul 2019 16:53

Instrument :

MSVOA_X

ClientSampleId :

VX0730WBSD01

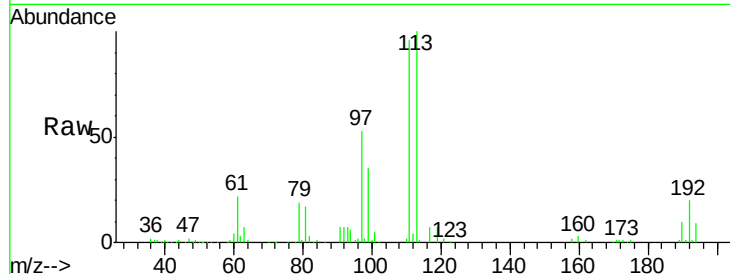
Tgt Ion:113 Resp: 87459

Ion Ratio Lower Upper

113 100

111 101.0 82.3 123.5

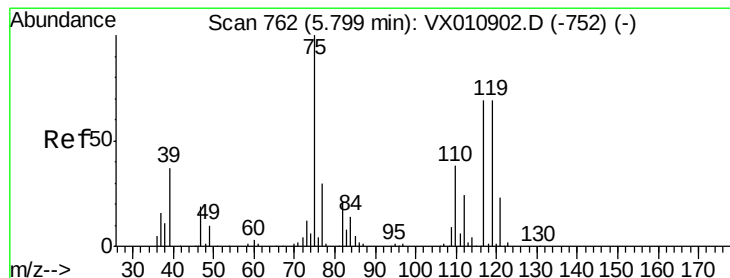
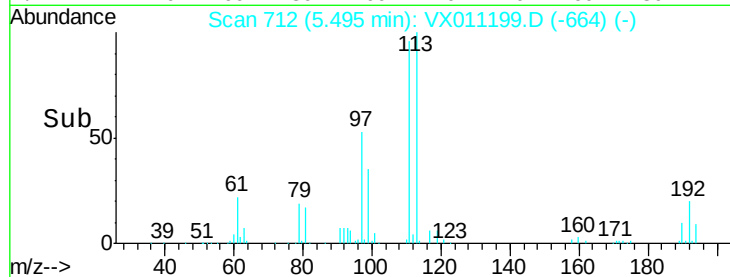
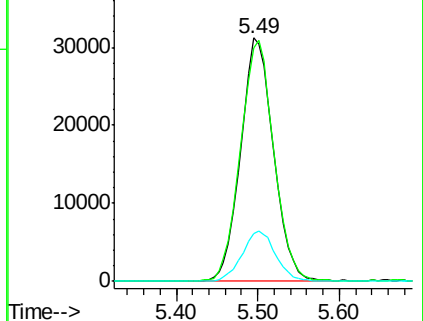
192 21.2 17.4 26.2



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: 18.852 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX011199.D

Acq: 30 Jul 2019 16:53

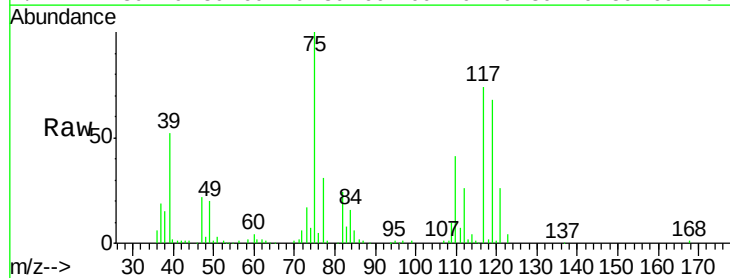
Tgt Ion: 75 Resp: 40772

Ion Ratio Lower Upper

75 100

110 39.6 19.9 59.7

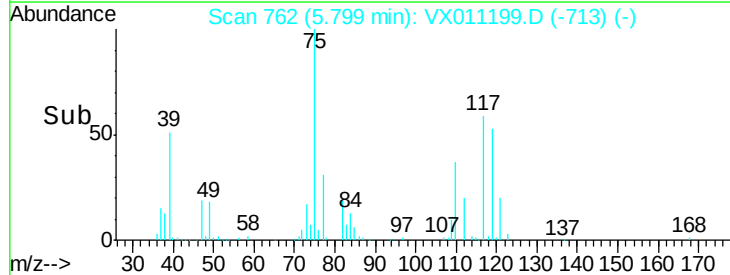
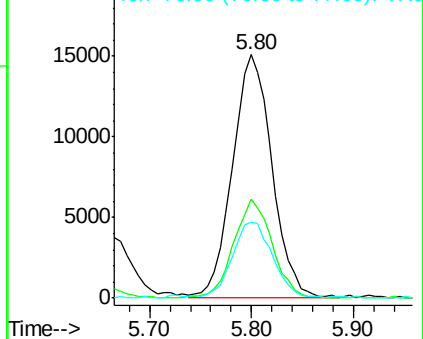
77 31.7 25.0 37.4

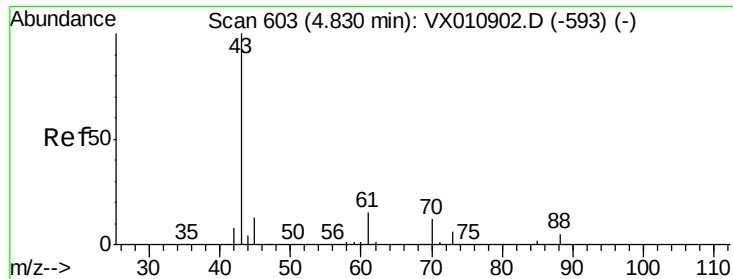


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

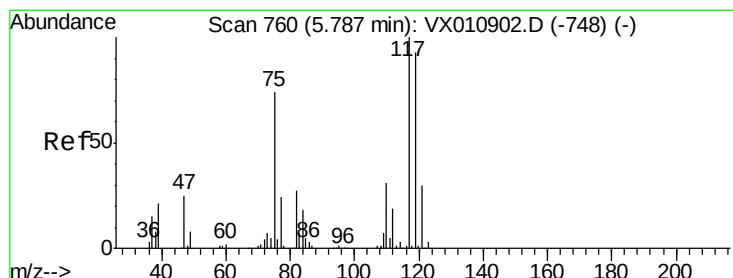
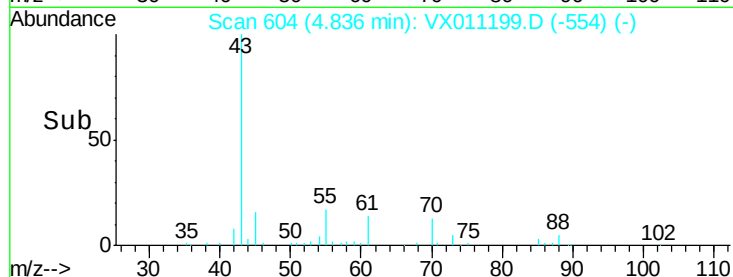
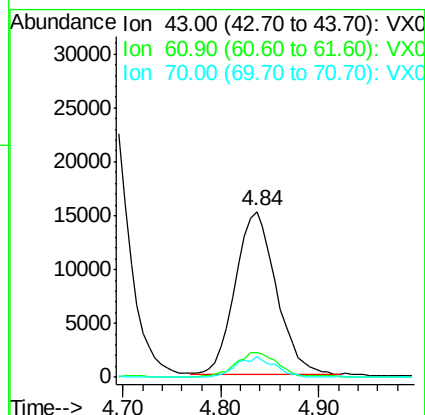
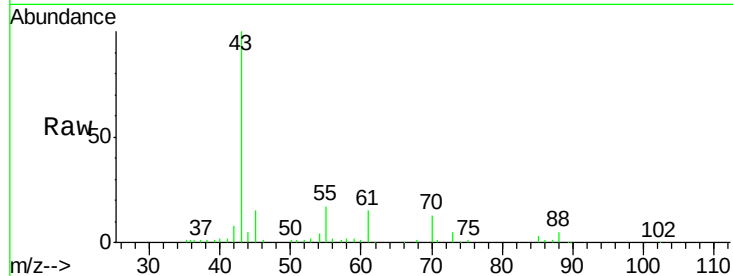




#37
Ethyl Acetate
Concen: 19.995 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX011199.D
Acq: 30 Jul 2019 16:53

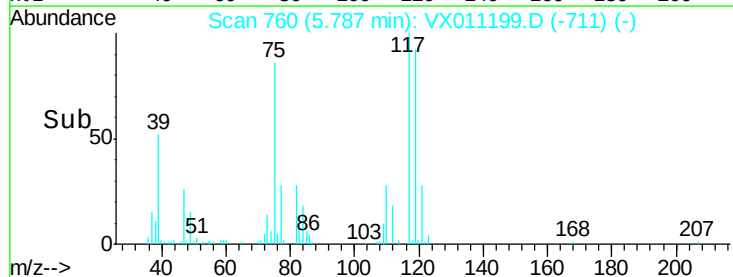
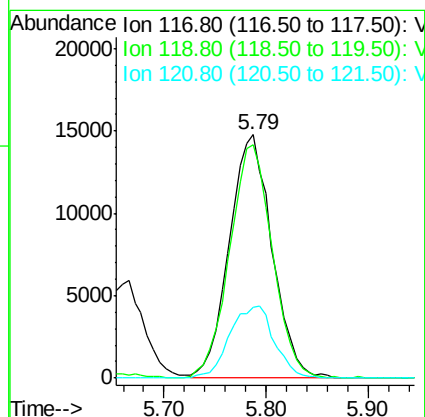
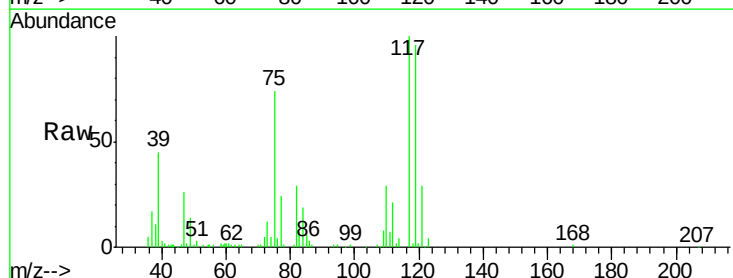
Instrument :
MSVOA_X
ClientSampleId :
VX0730WBSD01

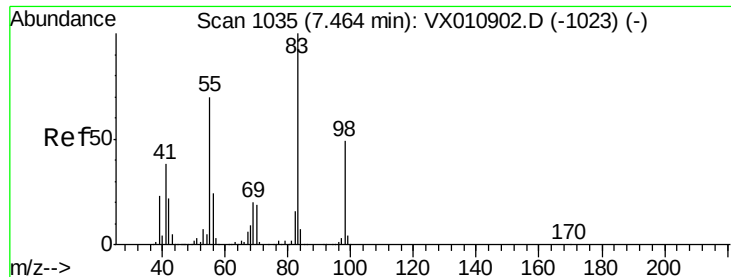
Tgt Ion: 43 Resp: 44281
Ion Ratio Lower Upper
43 100
61 16.7 11.6 17.4
70 11.9 9.1 13.7



#38
Carbon Tetrachloride
Concen: 19.064 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX011199.D
Acq: 30 Jul 2019 16:53

Tgt Ion: 117 Resp: 42964
Ion Ratio Lower Upper
117 100
119 95.4 74.2 111.2
121 28.9 24.2 36.2

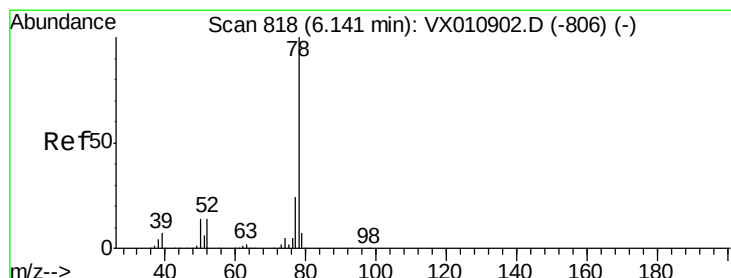
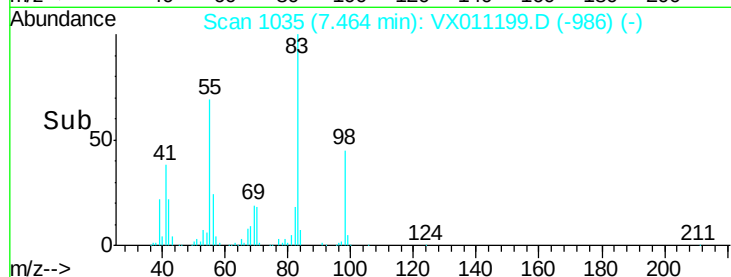
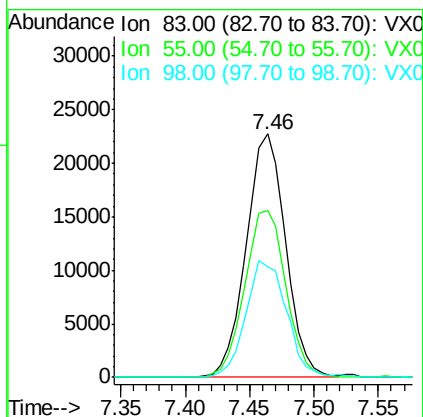
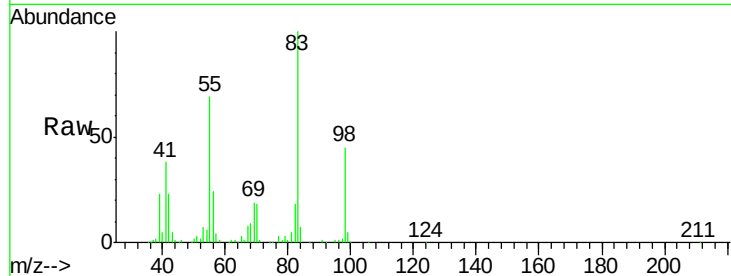




#39
Methylcyclohexane
Concen: 17.163 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX011199.D
Acq: 30 Jul 2019 16:53

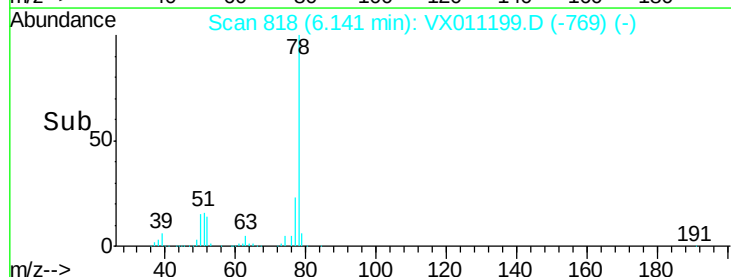
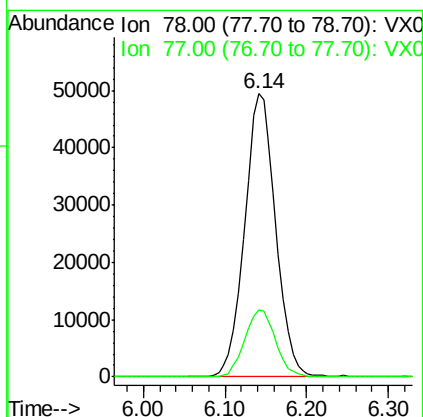
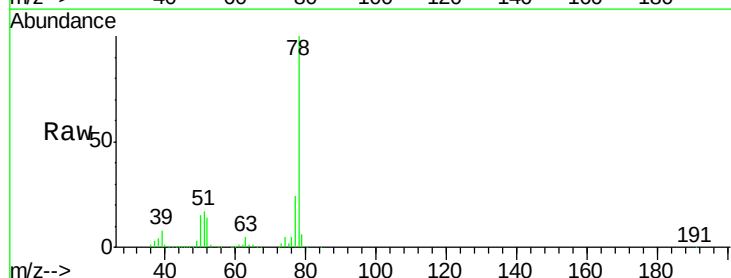
Instrument :
MSVOA_X
ClientSampleId :
VX0730WBSD01

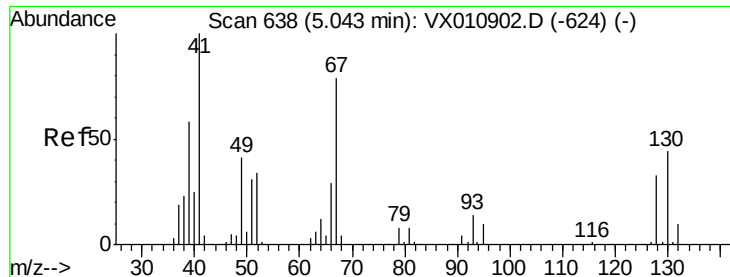
Tgt Ion: 83 Resp: 48136
Ion Ratio Lower Upper
83 100
55 68.5 56.2 84.4
98 45.5 39.0 58.4



#40
Benzene
Concen: 19.685 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX011199.D
Acq: 30 Jul 2019 16:53

Tgt Ion: 78 Resp: 130409
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.6

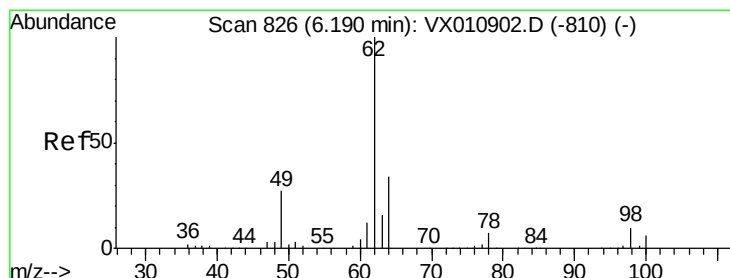
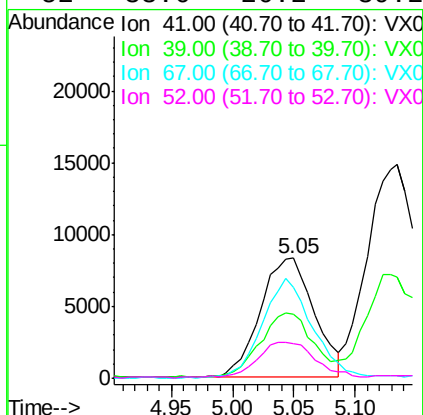
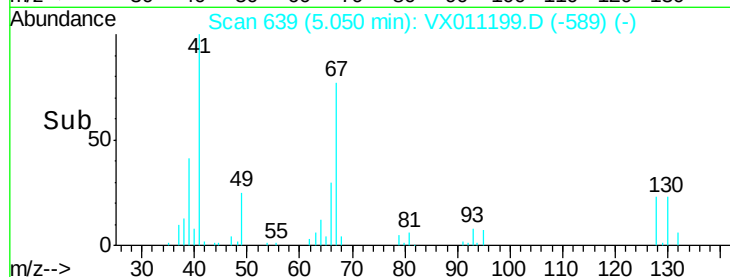
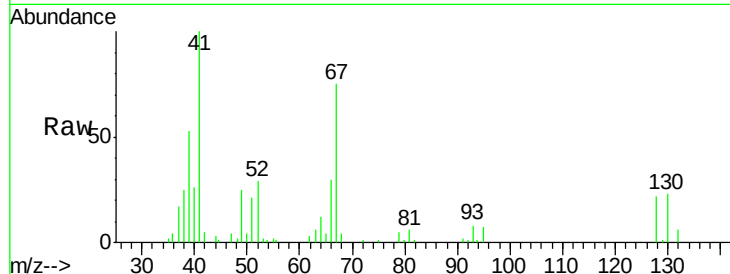




#41
Methacrylonitrile
Concen: 20.360 ug/l
RT: 5.05 min Scan# 639
Delta R.T. 0.01 min
Lab File: VX011199.D
Acq: 30 Jul 2019 16:53

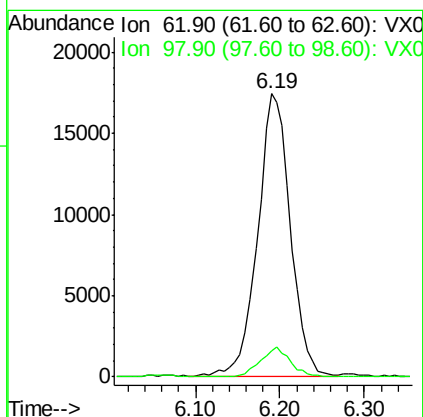
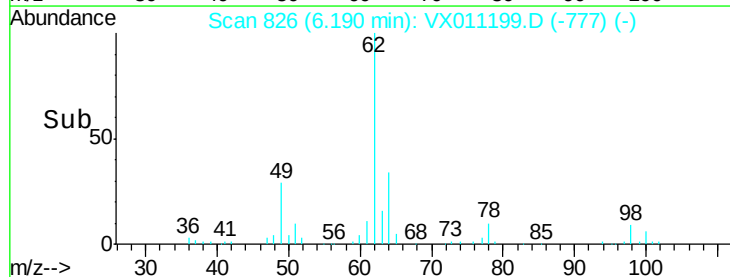
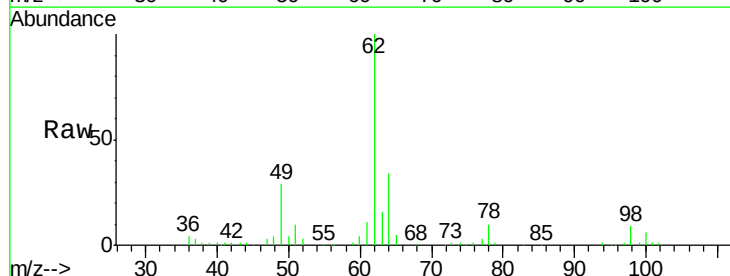
Instrument :
MSVOA_X
ClientSampleId :
VX0730WBSD01

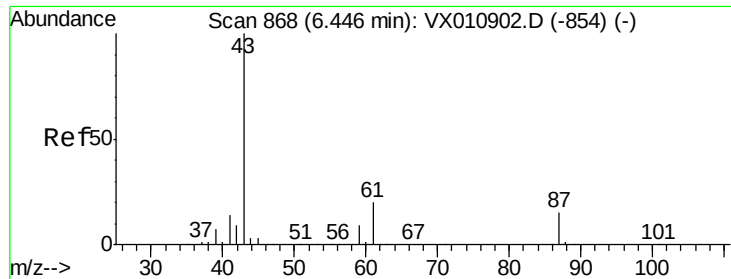
Tgt Ion: 41 Resp: 25596
Ion Ratio Lower Upper
41 100
39 50.4 45.4 68.2
67 77.8 65.9 98.9
52 33.6 26.2 39.2



#42
1,2-Dichloroethane
Concen: 20.251 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.00 min
Lab File: VX011199.D
Acq: 30 Jul 2019 16:53

Tgt Ion: 62 Resp: 46648
Ion Ratio Lower Upper
62 100
98 9.7 0.0 20.0





#43

Isopropyl Acetate

Concen: 19.470 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX011199.D

Acq: 30 Jul 2019 16:53

Instrument :

MSVOA_X

ClientSampleId :

VX0730WBSD01

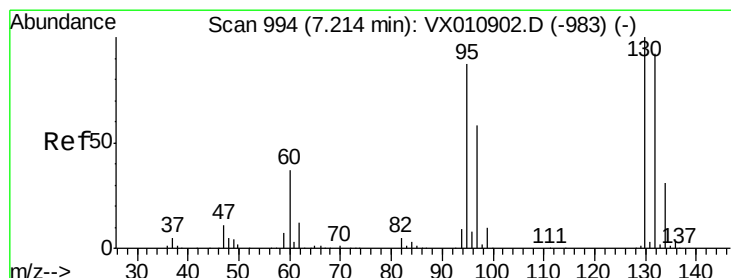
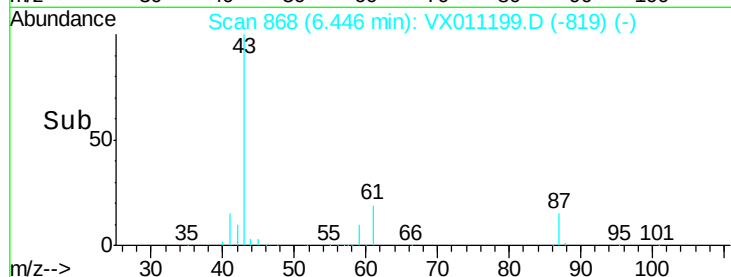
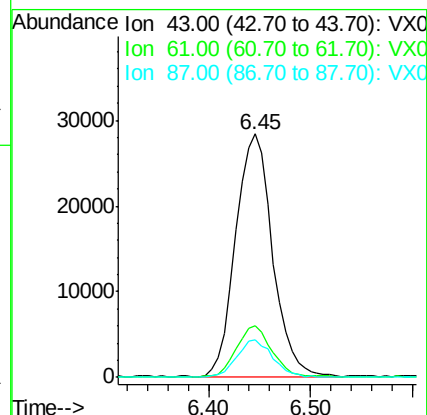
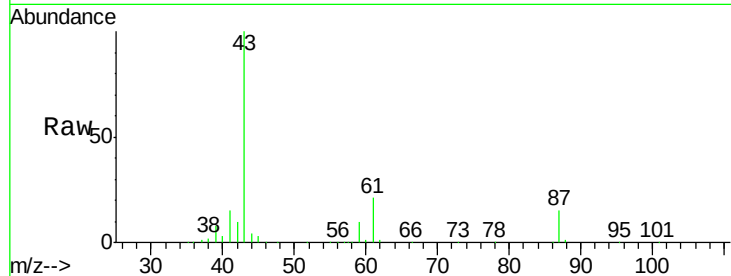
Tgt Ion: 43 Resp: 70897

Ion Ratio Lower Upper

43 100

61 20.4 17.1 25.7

87 15.2 12.0 18.0



#44

Trichloroethene

Concen: 18.974 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX011199.D

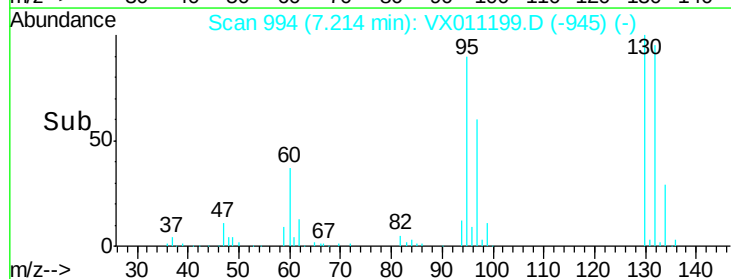
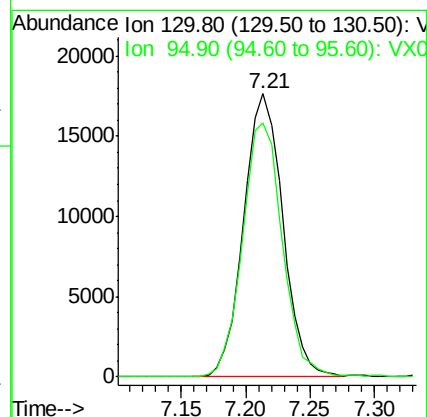
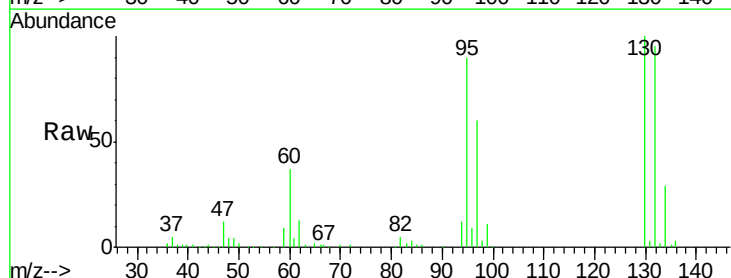
Acq: 30 Jul 2019 16:53

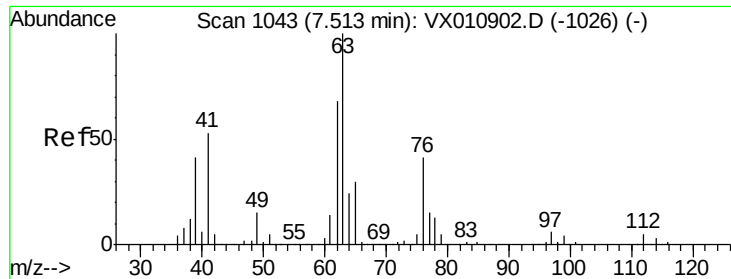
Tgt Ion: 130 Resp: 37208

Ion Ratio Lower Upper

130 100

95 89.5 0.0 174.8





#45

1,2-Dichloropropane

Concen: 19.944 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX011199.D

Acq: 30 Jul 2019 16:53

Instrument :

MSVOA_X

ClientSampleId :

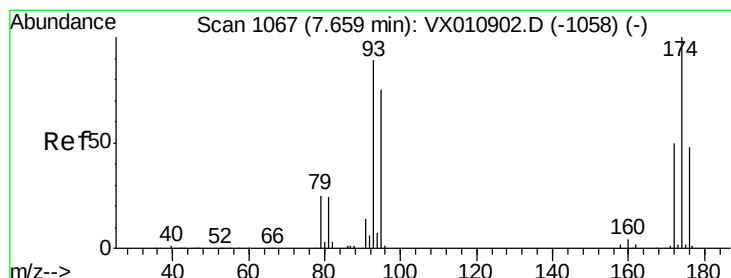
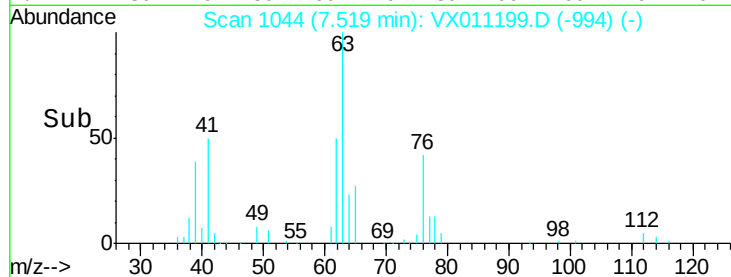
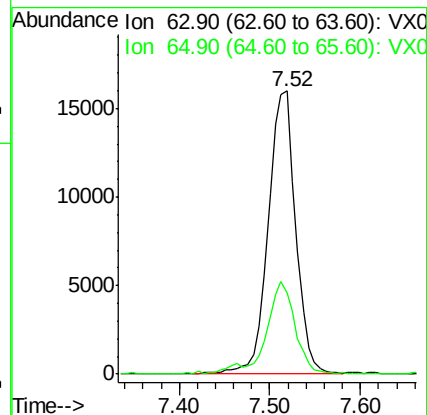
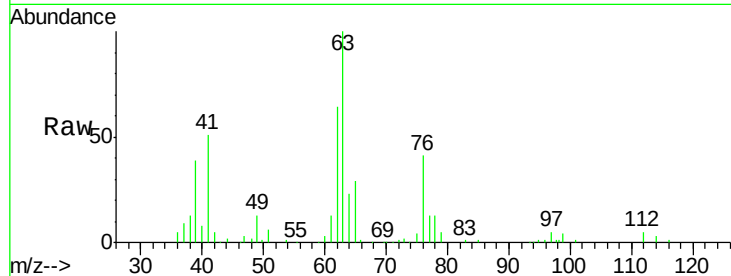
VX0730WBSD01

Tgt Ion: 63 Resp: 33628

Ion Ratio Lower Upper

63 100

65 28.8 24.4 36.6



#46

Dibromomethane

Concen: 20.054 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX011199.D

Acq: 30 Jul 2019 16:53

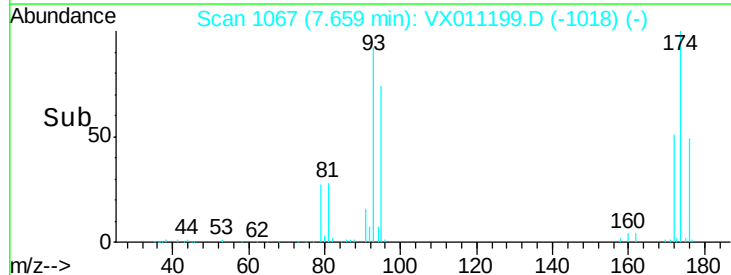
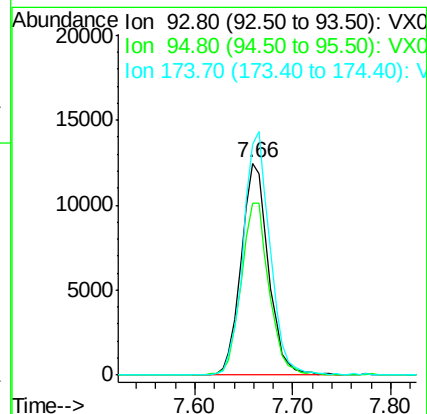
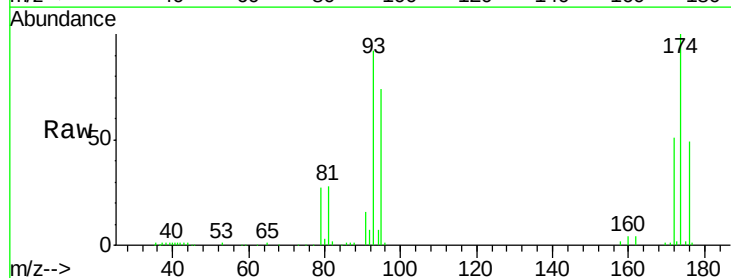
Tgt Ion: 93 Resp: 24162

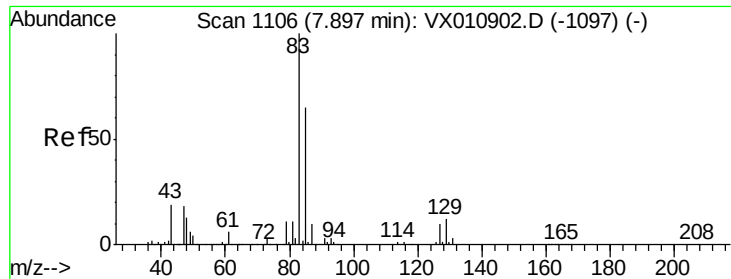
Ion Ratio Lower Upper

93 100

95 82.8 67.2 100.8

174 112.4 90.6 135.8

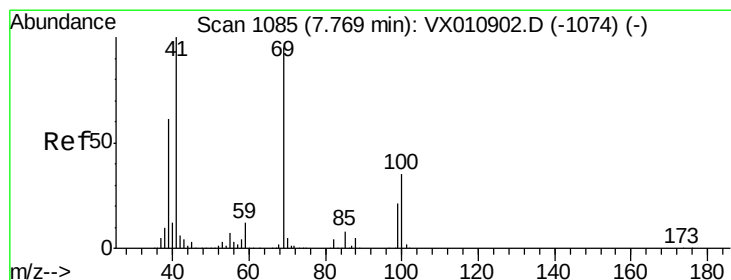
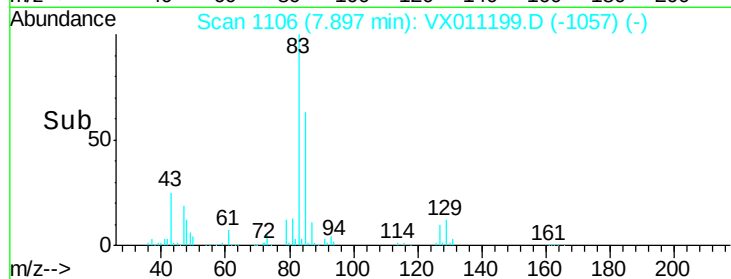
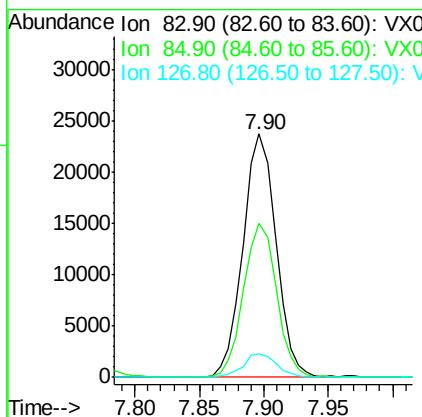
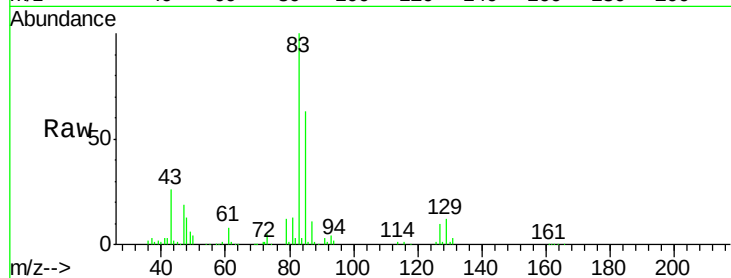




#47
Bromodichloromethane
Concen: 19.720 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VX011199.D
Acq: 30 Jul 2019 16:53

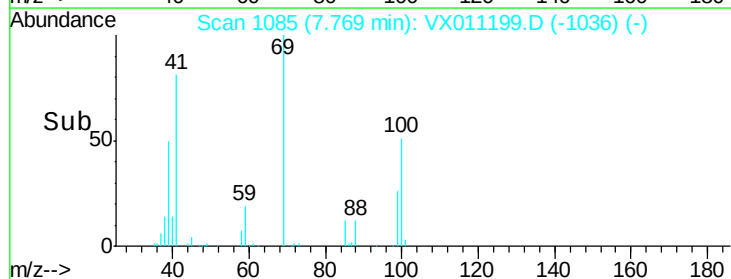
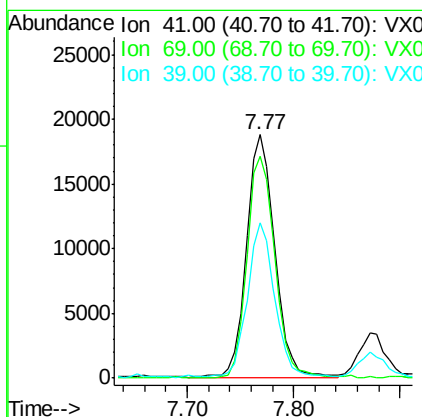
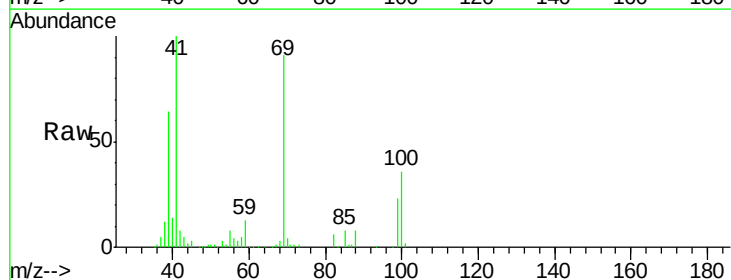
Instrument :
MSVOA_X
ClientSampleId :
VX0730WBSD01

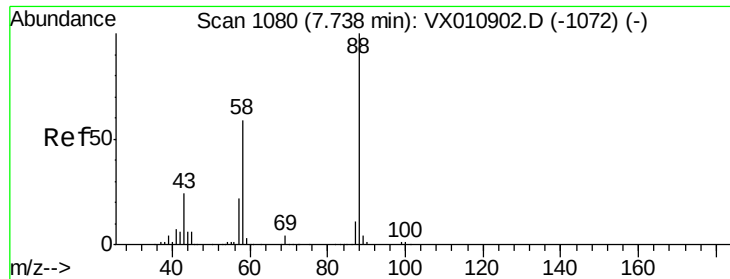
Tgt Ion: 83 Resp: 42294
Ion Ratio Lower Upper
83 100
85 63.5 52.5 78.7
127 9.8 7.8 11.8



#48
Methyl methacrylate
Concen: 19.665 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. -0.00 min
Lab File: VX011199.D
Acq: 30 Jul 2019 16:53

Tgt Ion: 41 Resp: 34884
Ion Ratio Lower Upper
41 100
69 90.8 74.4 111.6
39 61.3 48.9 73.3

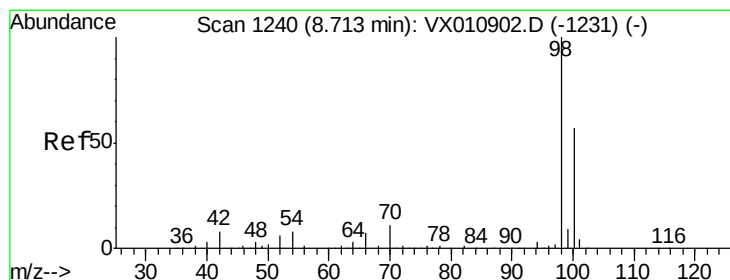
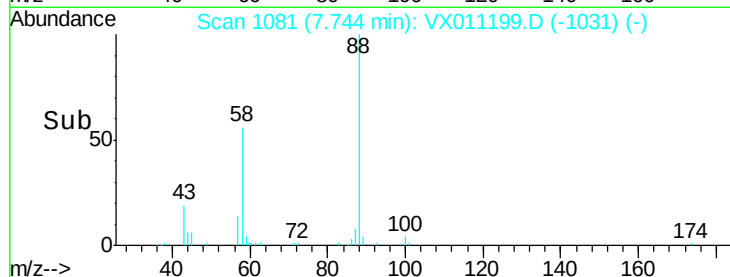
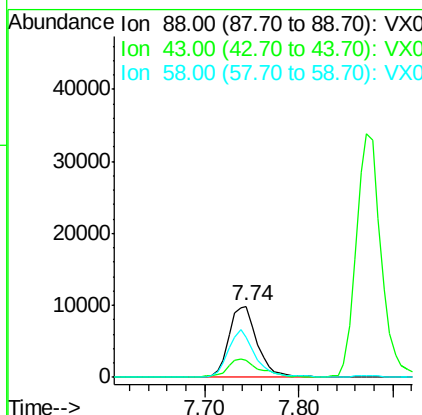
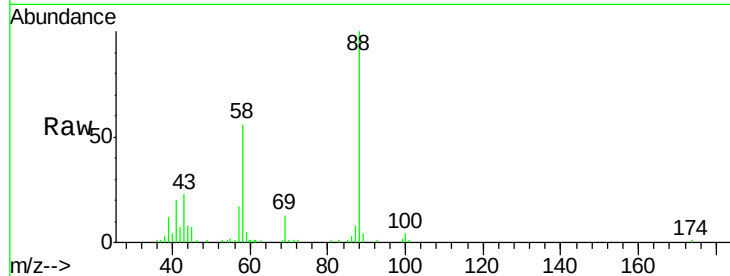




#49
1,4-Dioxane
Concen: 417.386 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VX011199.D
Acq: 30 Jul 2019 16:53

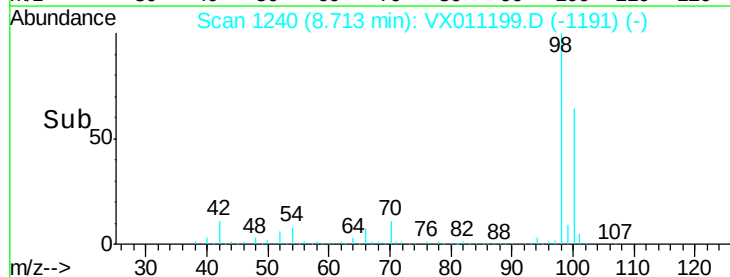
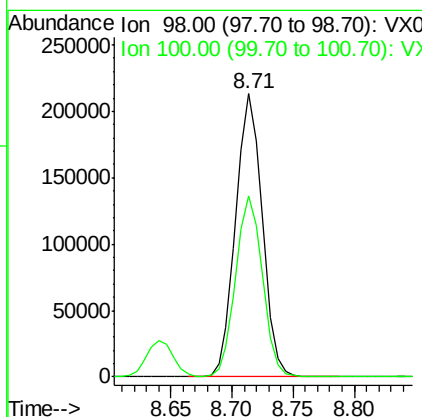
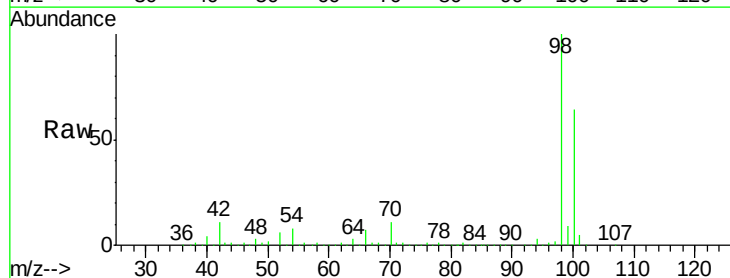
Instrument :
MSVOA_X
ClientSampleId :
VX0730WBSD01

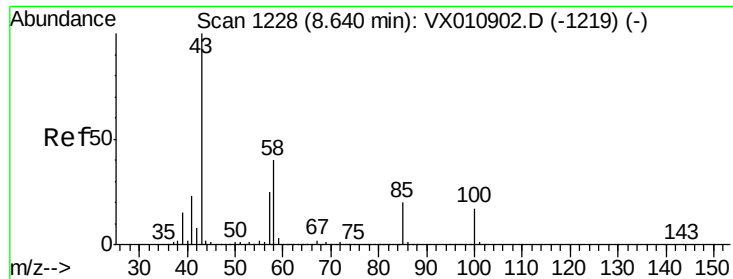
Tgt Ion: 88 Resp: 20711
Ion Ratio Lower Upper
88 100
43 27.0 22.9 34.3
58 63.3 49.8 74.8



#50
Toluene-d8
Concen: 51.120 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011199.D
Acq: 30 Jul 2019 16:53

Tgt Ion: 98 Resp: 320424
Ion Ratio Lower Upper
98 100
100 64.1 50.6 75.8





#51

4-Methyl-2-Pentanone

Concen: 106.843 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX011199.D

Acq: 30 Jul 2019 16:53

Instrument :

MSVOA_X

ClientSampleId :

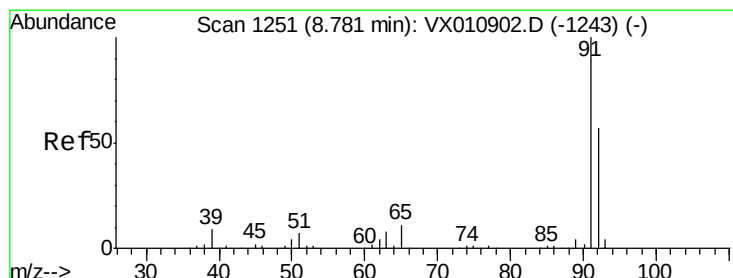
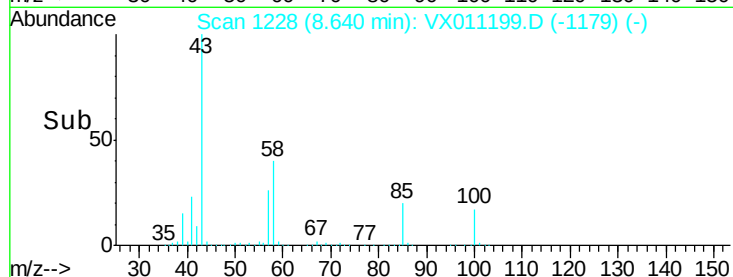
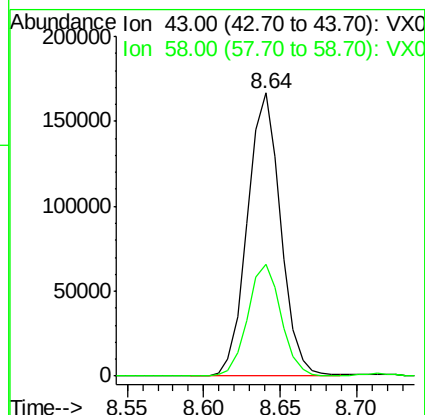
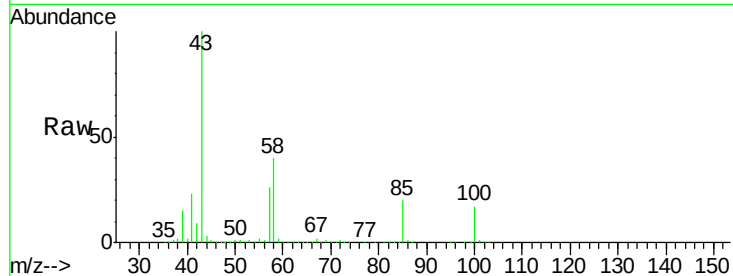
VX0730WBSD01

Tgt Ion: 43 Resp: 252205

Ion Ratio Lower Upper

43 100

58 39.8 32.2 48.4



#52

Toluene

Concen: 19.473 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX011199.D

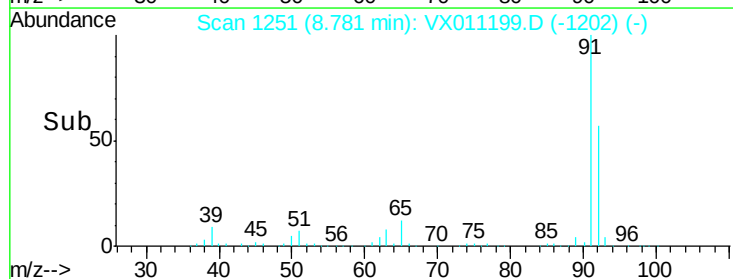
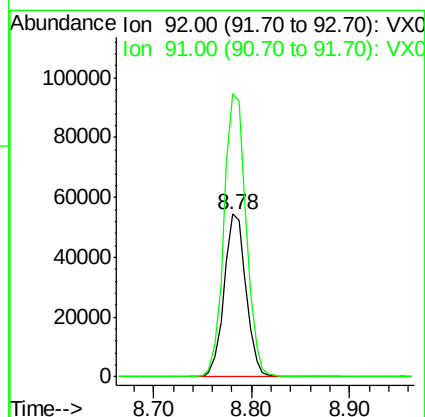
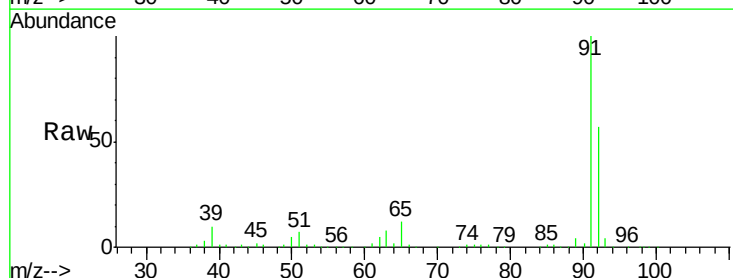
Acq: 30 Jul 2019 16:53

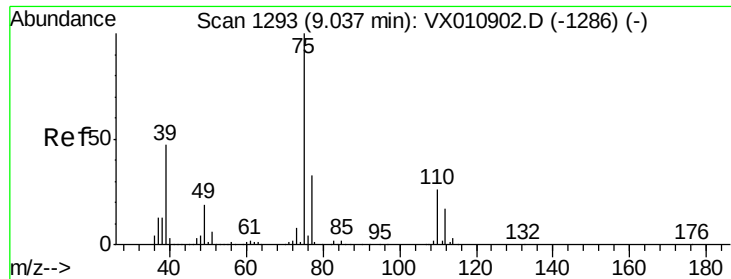
Tgt Ion: 92 Resp: 84747

Ion Ratio Lower Upper

92 100

91 175.5 139.4 209.0





#53

t-1,3-Dichloropropene

Concen: 18.014 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX011199.D

Acq: 30 Jul 2019 16:53

Instrument :

MSVOA_X

ClientSampleId :

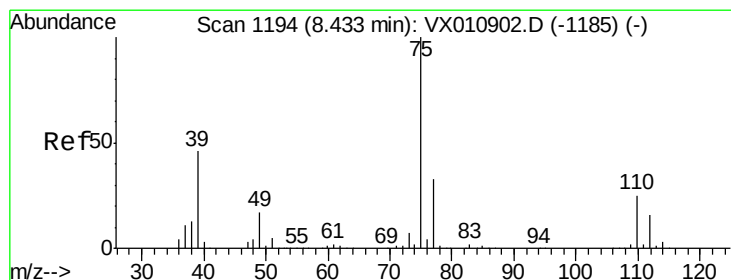
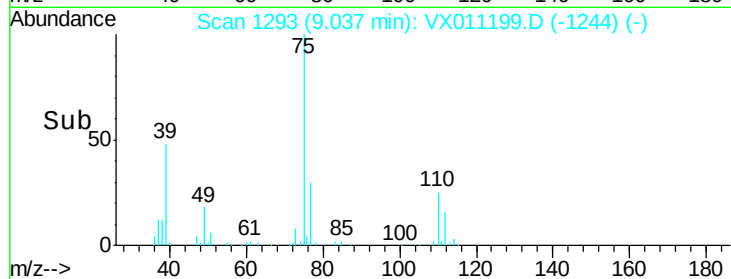
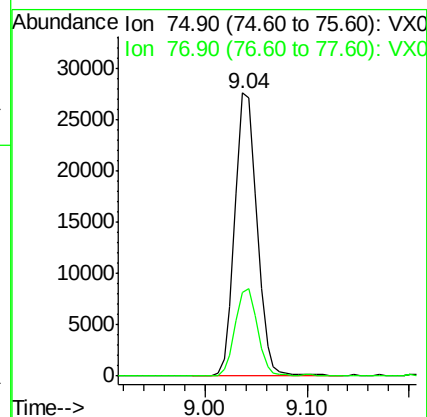
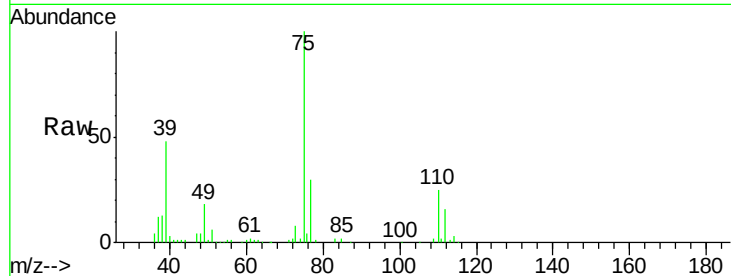
VX0730WBSD01

Tgt Ion: 75 Resp: 41543

Ion Ratio Lower Upper

75 100

77 29.8 26.2 39.2



#54

cis-1,3-Dichloropropene

Concen: 18.217 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX011199.D

Acq: 30 Jul 2019 16:53

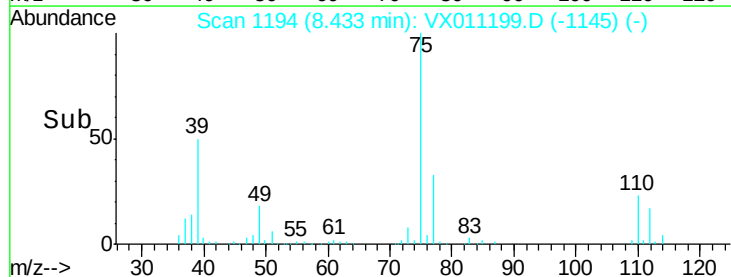
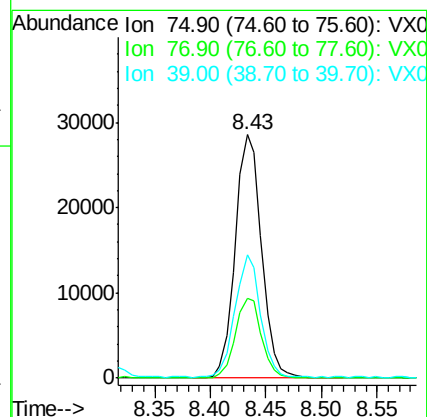
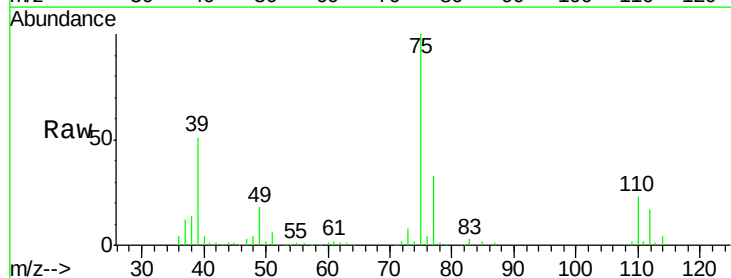
Tgt Ion: 75 Resp: 46749

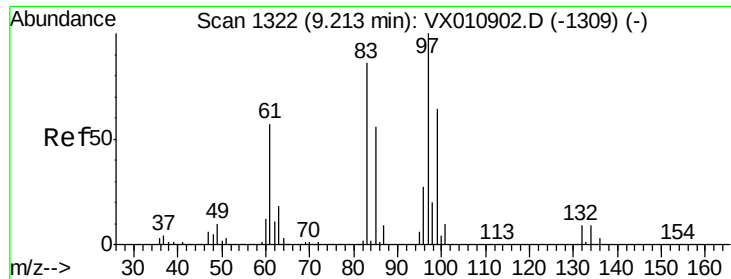
Ion Ratio Lower Upper

75 100

77 33.0 26.1 39.1

39 50.4 36.6 54.8





#55

1,1,2-Trichloroethane

Concen: 20.455 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX011199.D

Acq: 30 Jul 2019 16:53

Instrument :

MSVOA_X

ClientSampleId :

VX0730WBSD01

Tgt Ion: 97 Resp: 36655

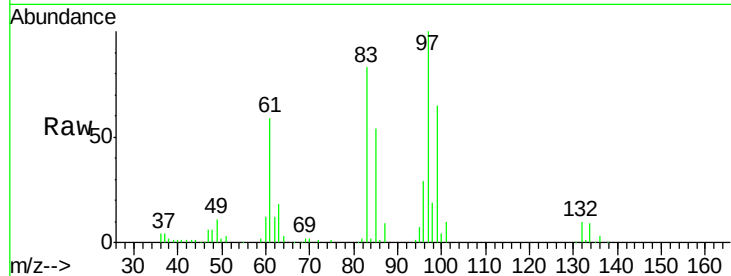
Ion Ratio Lower Upper

97 100

83 82.9 69.2 103.8

85 54.1 44.6 66.8

99 64.7 51.2 76.8

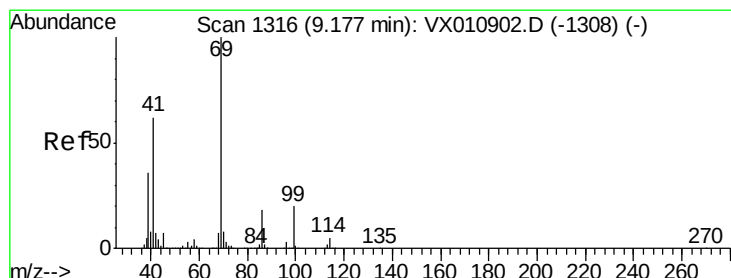
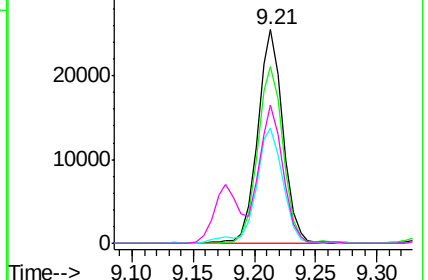
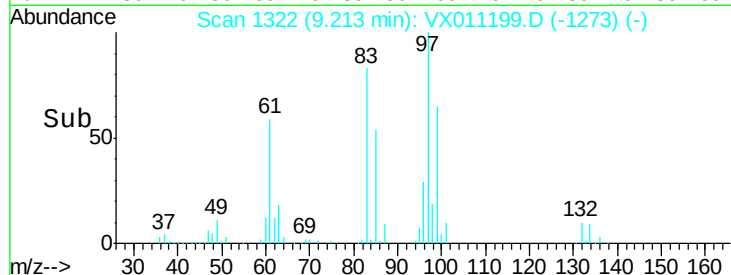


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 19.694 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX011199.D

Acq: 30 Jul 2019 16:53

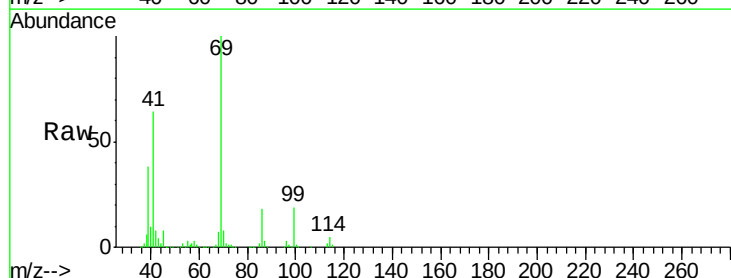
Tgt Ion: 69 Resp: 51623

Ion Ratio Lower Upper

69 100

41 63.9 49.7 74.5

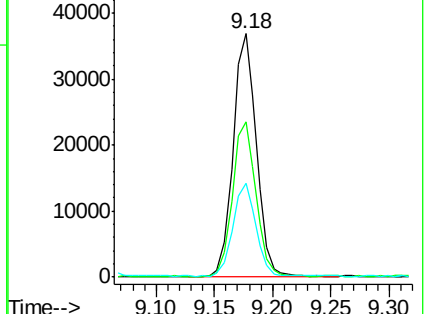
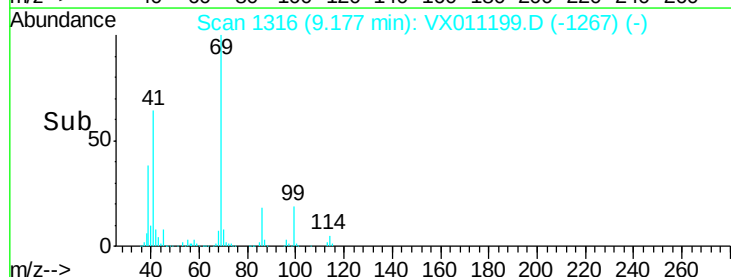
39 37.7 29.6 44.4

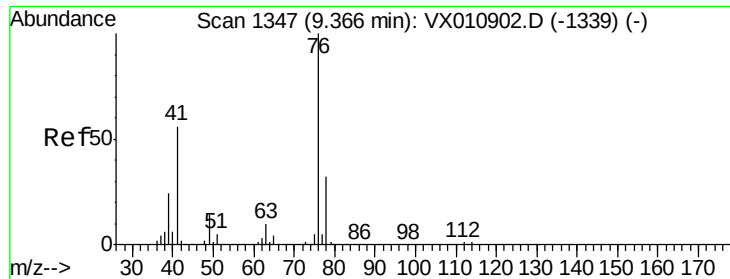


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 20.075 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.01 min

Lab File: VX011199.D

Acq: 30 Jul 2019 16:53

Instrument :

MSVOA_X

ClientSampleId :

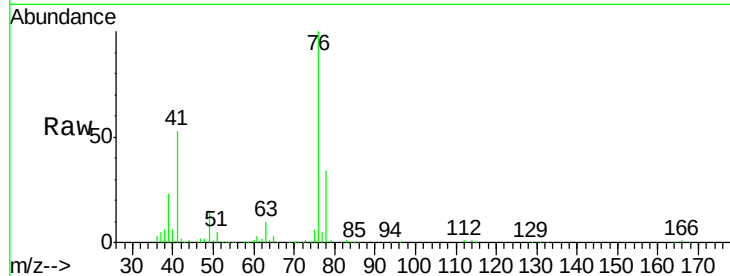
VX0730WBSD01

Tgt Ion: 76 Resp: 57068

Ion Ratio Lower Upper

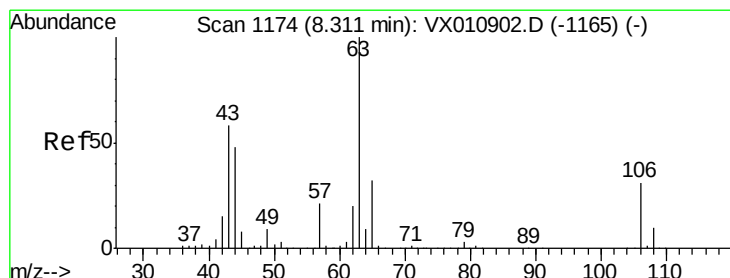
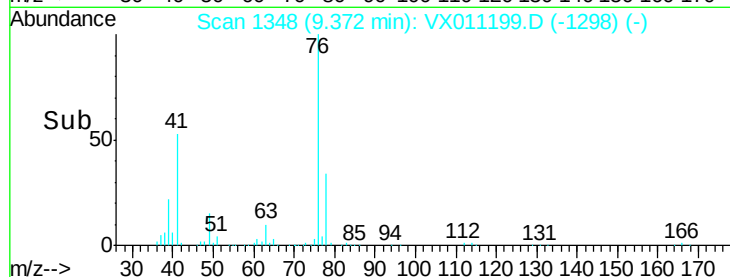
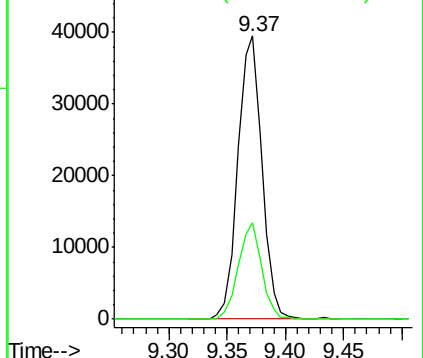
76 100

78 33.0 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 98.919 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX011199.D

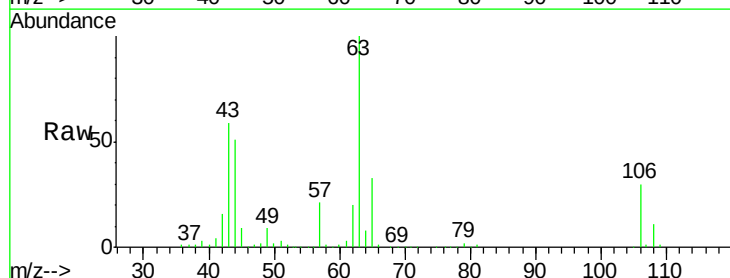
Acq: 30 Jul 2019 16:53

Tgt Ion: 63 Resp: 123773

Ion Ratio Lower Upper

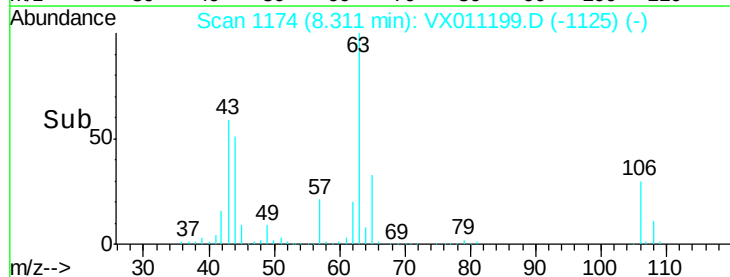
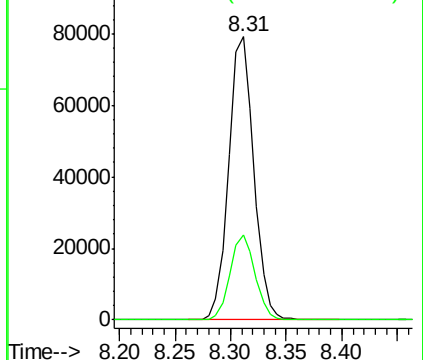
63 100

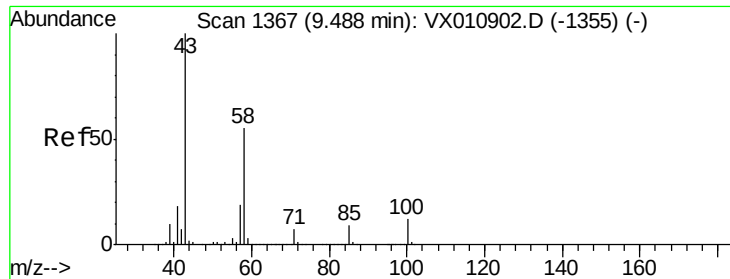
106 29.8 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

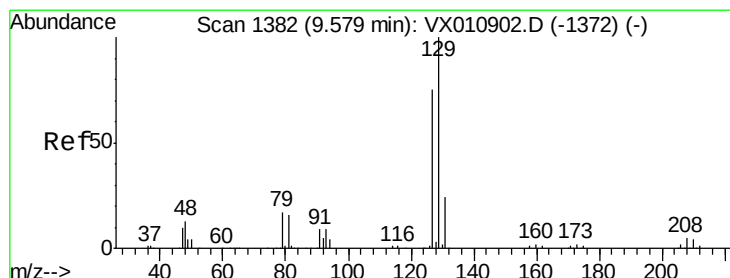
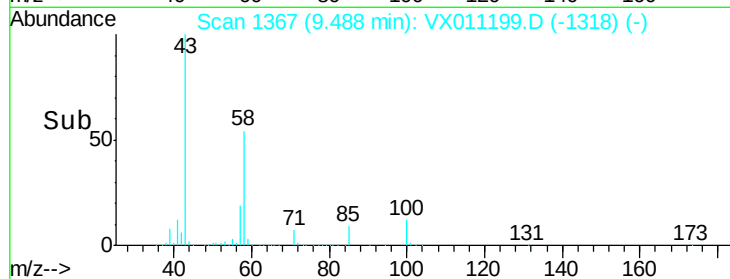
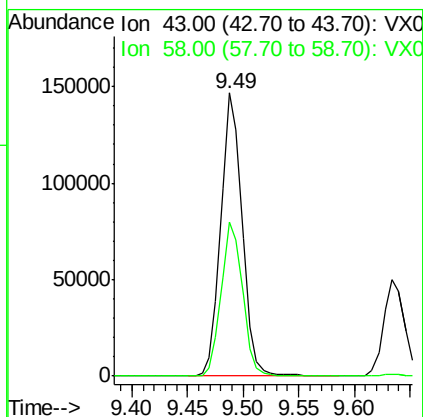
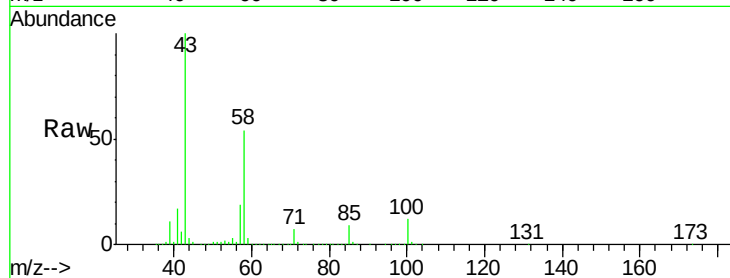




#59
2-Hexanone
Concen: 106.408 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX011199.D
Acq: 30 Jul 2019 16:53

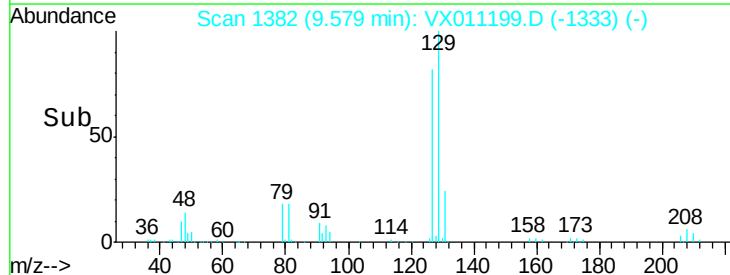
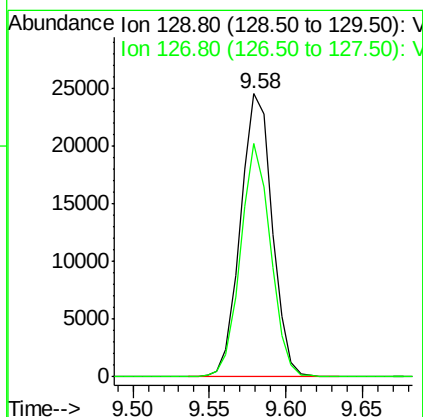
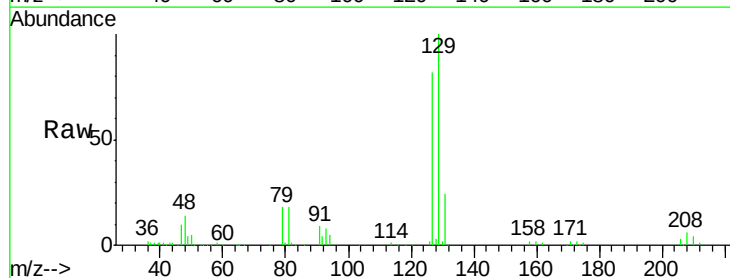
Instrument :
MSVOA_X
ClientSampleId :
VX0730WBSD01

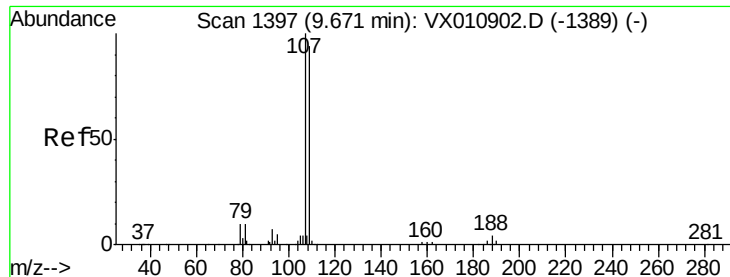
Tgt Ion: 43 Resp: 194818
Ion Ratio Lower Upper
43 100
58 55.0 28.0 83.9



#60
Dibromochloromethane
Concen: 18.842 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011199.D
Acq: 30 Jul 2019 16:53

Tgt Ion: 129 Resp: 35436
Ion Ratio Lower Upper
129 100
127 77.9 38.6 115.8





#61

1,2-Dibromoethane

Concen: 20.032 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX011199.D

Acq: 30 Jul 2019 16:53

Instrument :

MSVOA_X

ClientSampleId :

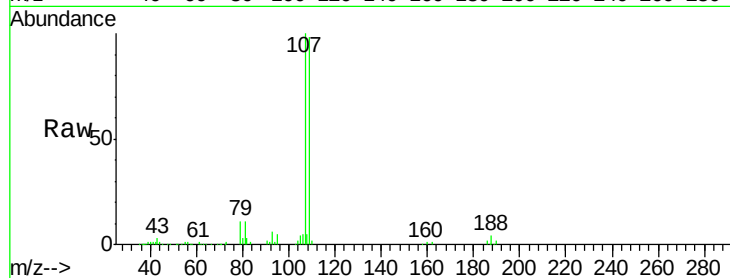
VX0730WBSD01

Tgt Ion: 107 Resp: 38095

Ion Ratio Lower Upper

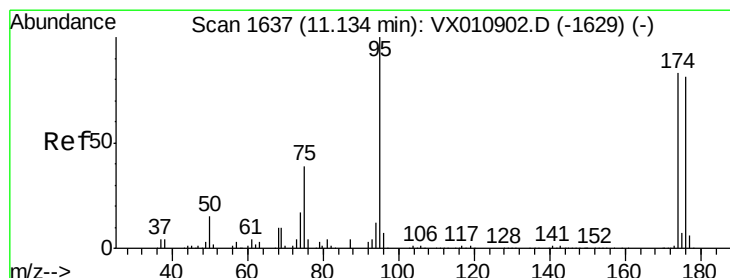
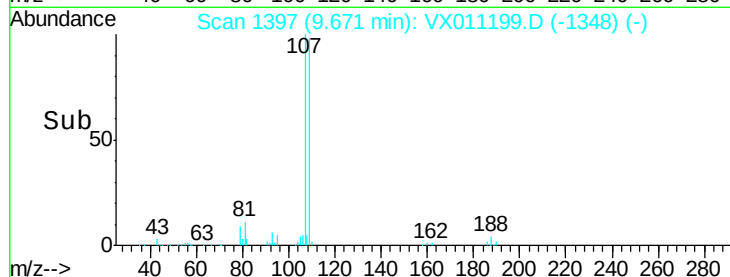
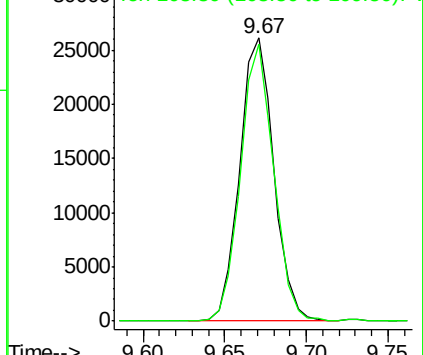
107 100

109 95.1 75.4 113.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.509 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011199.D

Acq: 30 Jul 2019 16:53

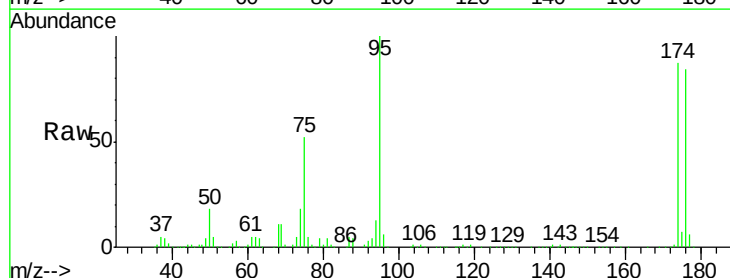
Tgt Ion: 95 Resp: 116370

Ion Ratio Lower Upper

95 100

174 93.1 0.0 180.6

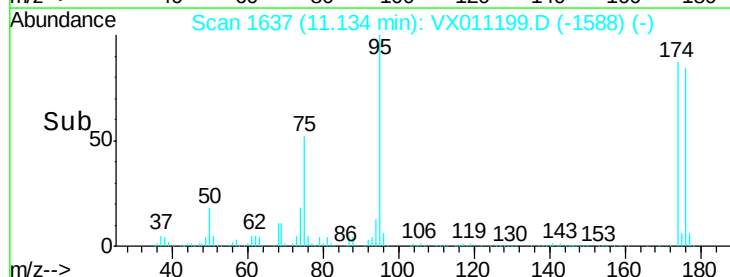
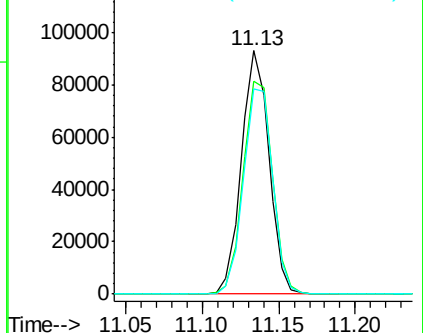
176 89.6 0.0 173.8

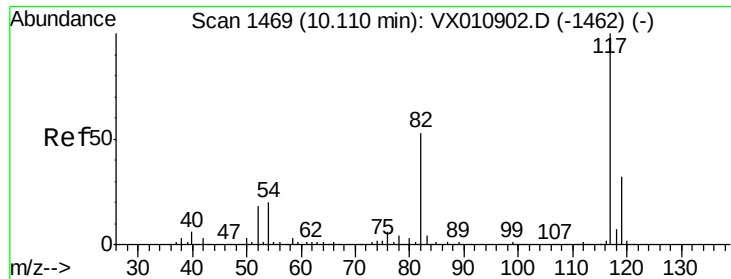


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

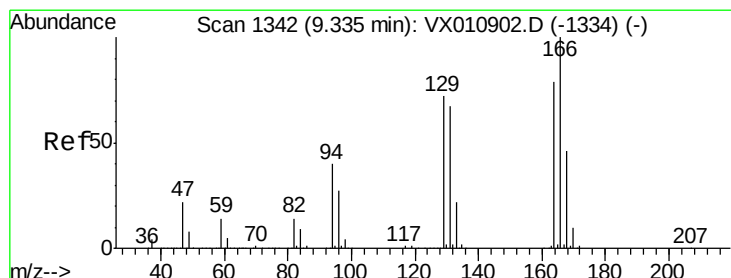
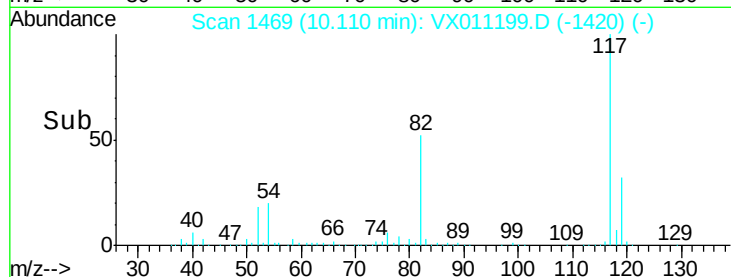
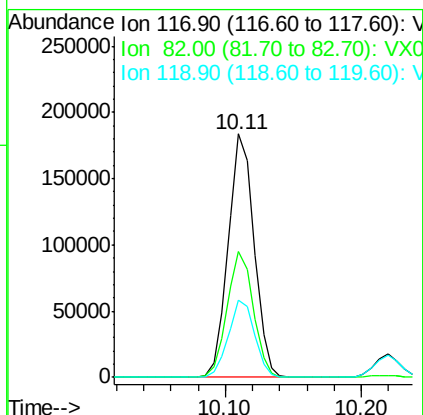
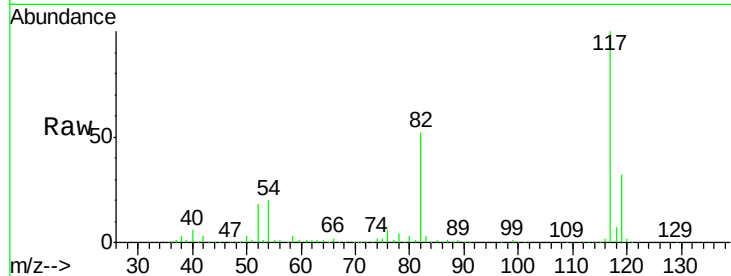




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011199.D
Acq: 30 Jul 2019 16:53

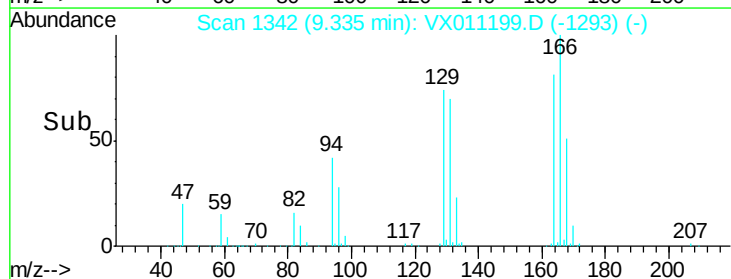
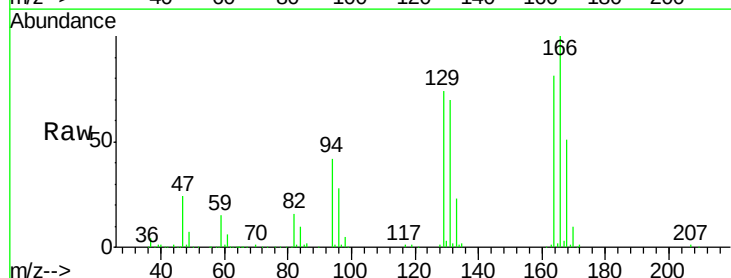
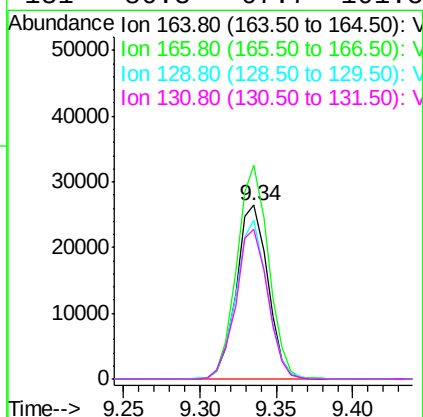
Instrument :
MSVOA_X
ClientSampleId :
VX0730WBSD01

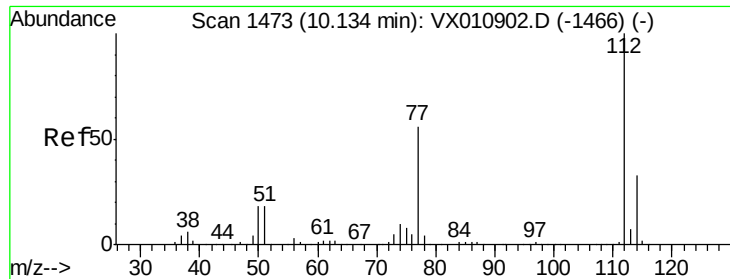
Tgt Ion:117 Resp: 243305
Ion Ratio Lower Upper
117 100
82 51.8 42.6 63.8
119 31.8 25.9 38.9



#64
Tetrachloroethene
Concen: 19.783 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX011199.D
Acq: 30 Jul 2019 16:53

Tgt Ion:164 Resp: 37865
Ion Ratio Lower Upper
164 100
166 122.9 100.8 151.2
129 91.4 72.6 109.0
131 86.3 67.7 101.5





#65

Chlorobenzene

Concen: 19.550 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.00 min

Lab File: VX011199.D

Acq: 30 Jul 2019 16:53

Instrument :

MSVOA_X

ClientSampleId :

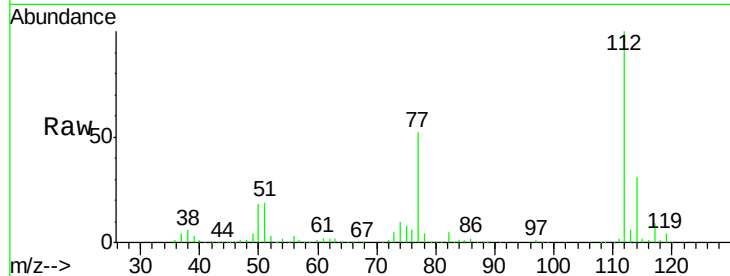
VX0730WBSD01

Tgt Ion:112 Resp: 97698

Ion Ratio Lower Upper

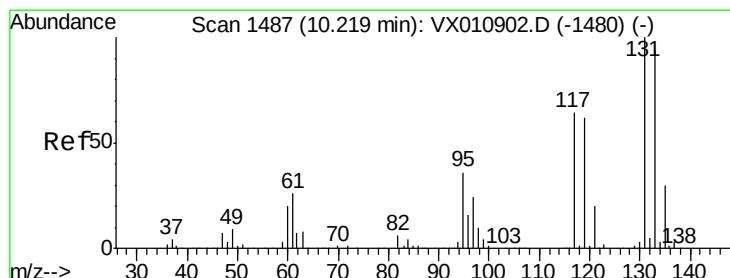
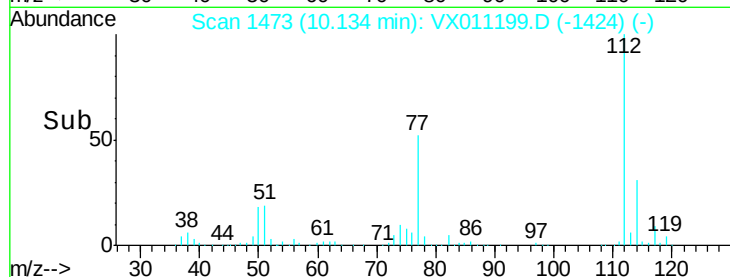
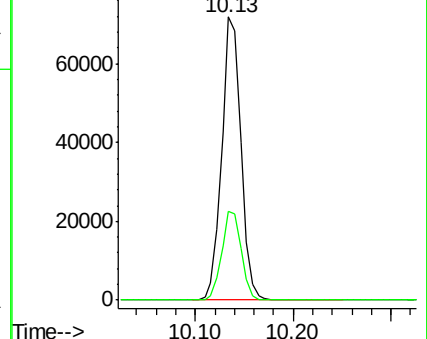
112 100

114 31.3 26.2 39.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.708 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX011199.D

Acq: 30 Jul 2019 16:53

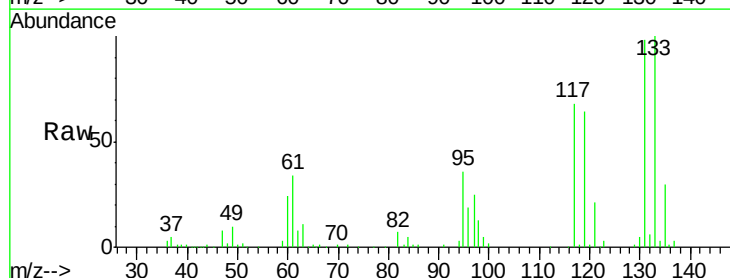
Tgt Ion:131 Resp: 34614

Ion Ratio Lower Upper

131 100

133 96.1 47.1 141.4

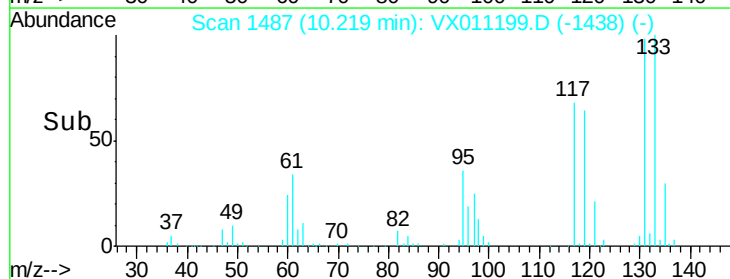
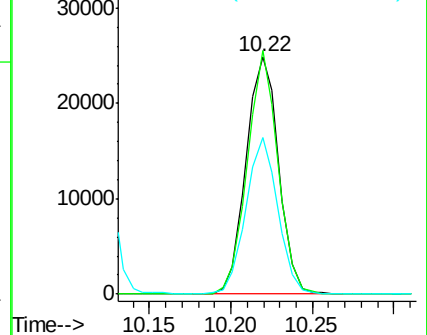
119 64.8 31.9 95.7

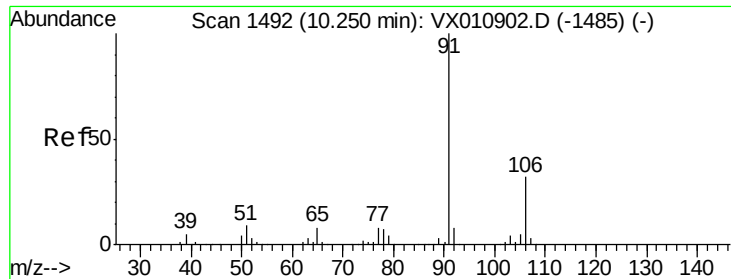


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

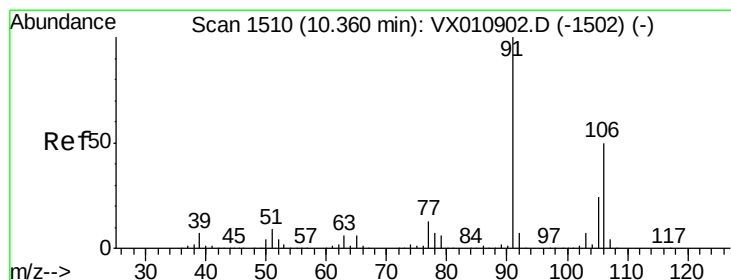
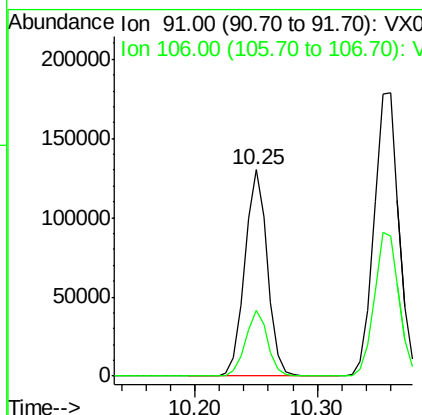
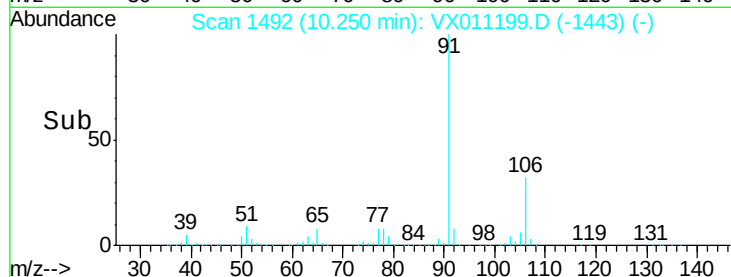
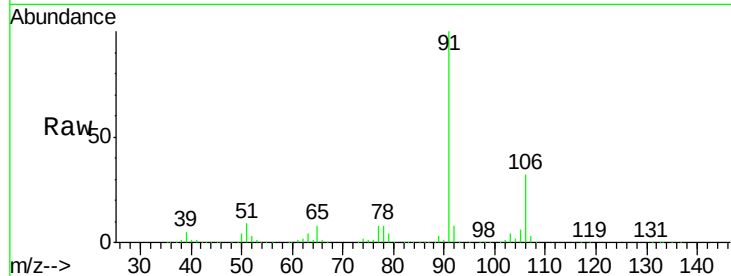




#67
Ethyl Benzene
Concen: 19.465 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX011199.D
Acq: 30 Jul 2019 16:53

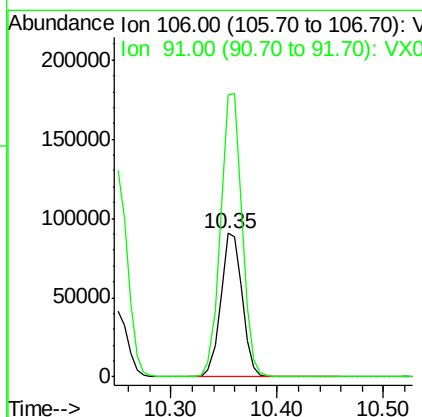
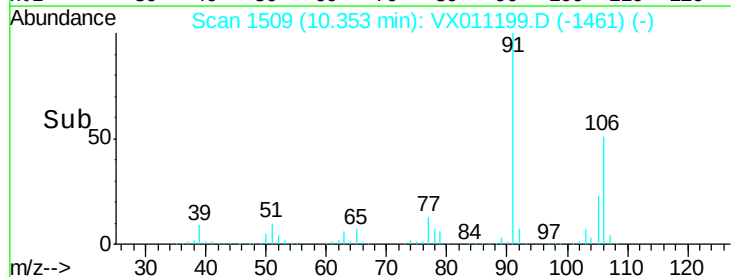
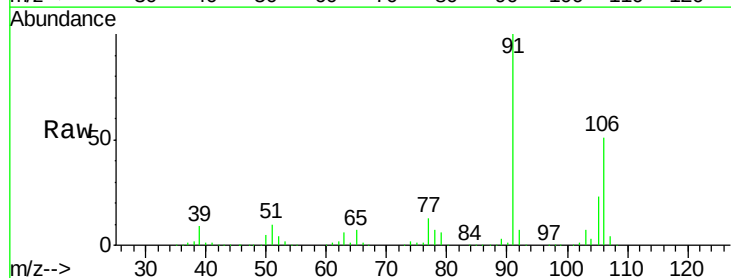
Instrument :
MSVOA_X
ClientSampleId :
VX0730WBSD01

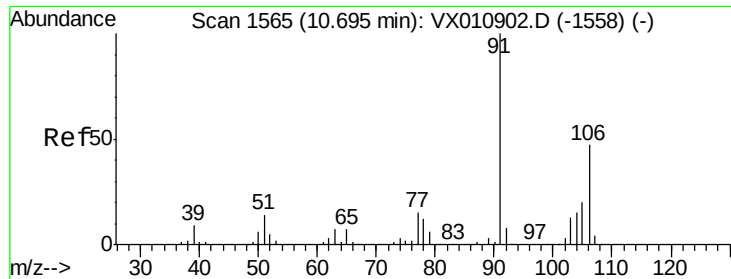
Tgt Ion: 91 Resp: 165566
Ion Ratio Lower Upper
91 100
106 31.9 25.4 38.2



#68
m/p-Xylenes
Concen: 39.109 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX011199.D
Acq: 30 Jul 2019 16:53

Tgt Ion: 106 Resp: 127605
Ion Ratio Lower Upper
106 100
91 197.4 160.1 240.1

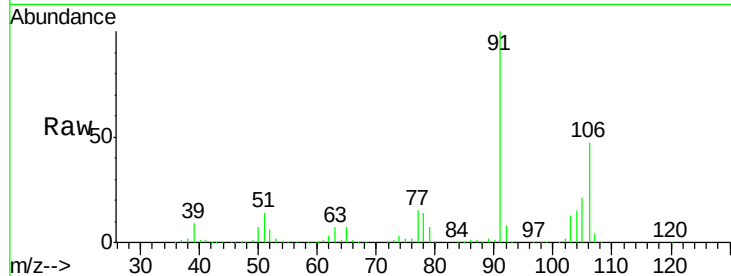




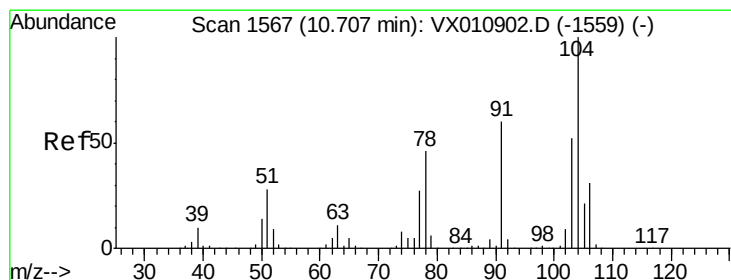
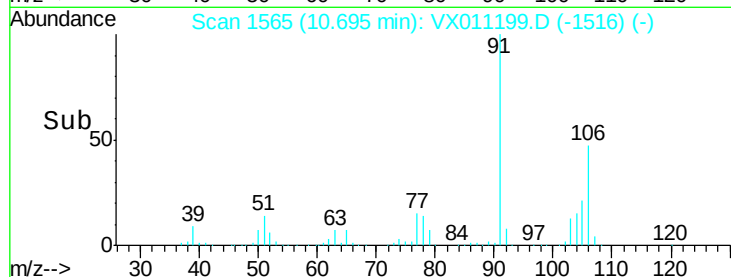
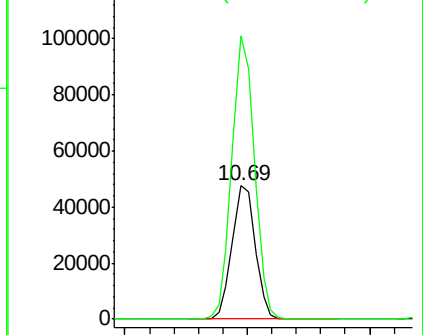
#69
o-Xylene
Concen: 19.606 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX011199.D
Acq: 30 Jul 2019 16:53

Instrument :
MSVOA_X
ClientSampleId :
VX0730WBSD01

Tgt Ion:106 Resp: 62434
Ion Ratio Lower Upper
106 100
91 207.1 105.1 315.3

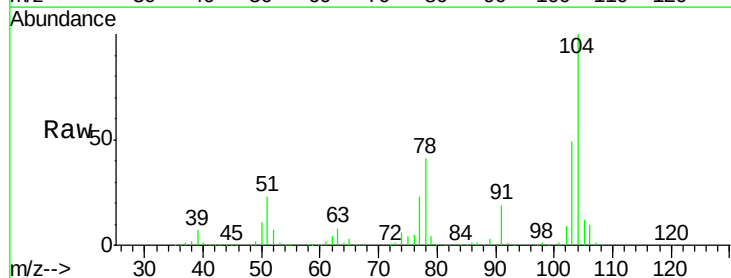


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

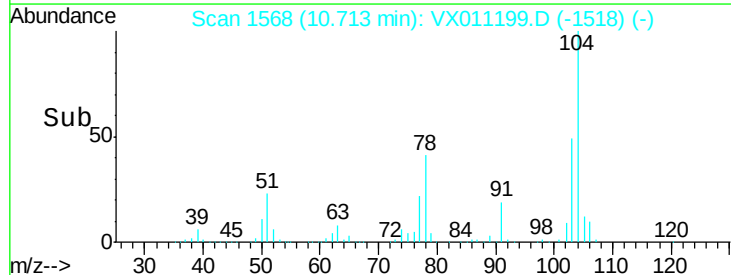
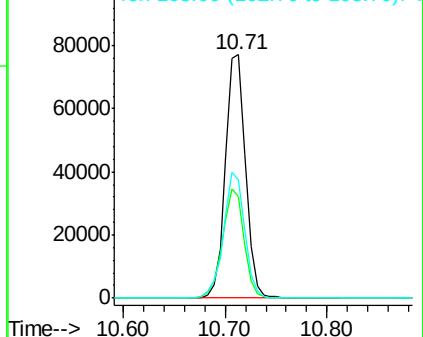


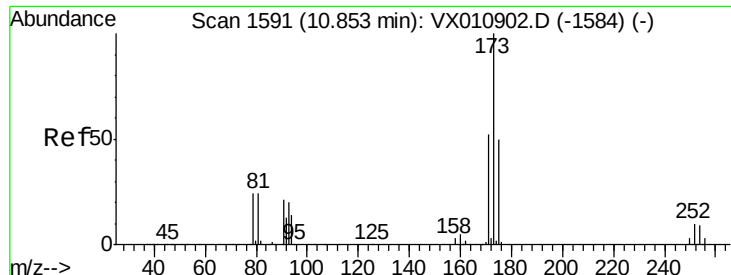
#70
Styrene
Concen: 19.831 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VX011199.D
Acq: 30 Jul 2019 16:53

Tgt Ion:104 Resp: 105271
Ion Ratio Lower Upper
104 100
78 48.3 38.8 58.2
103 54.8 44.2 66.4



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





#71

Bromoform

Concen: 17.741 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011199.D

Acq: 30 Jul 2019 16:53

Instrument :

MSVOA_X

ClientSampleId :

VX0730WBSD01

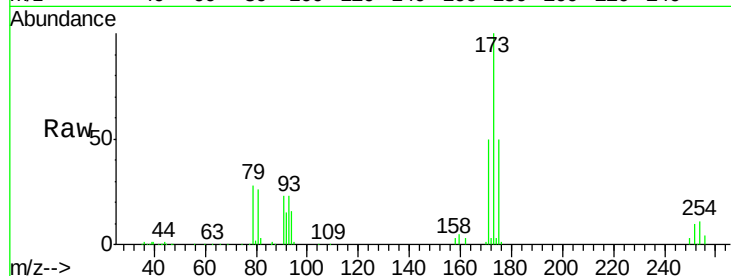
Tgt Ion:173 Resp: 25599

Ion Ratio Lower Upper

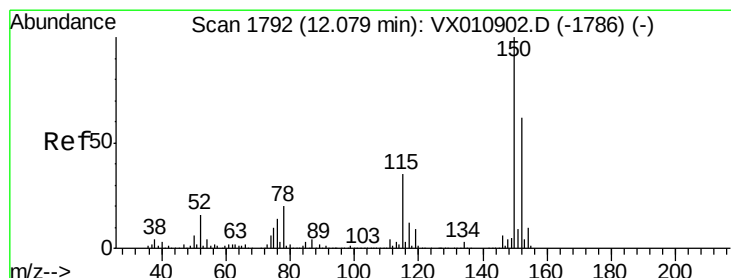
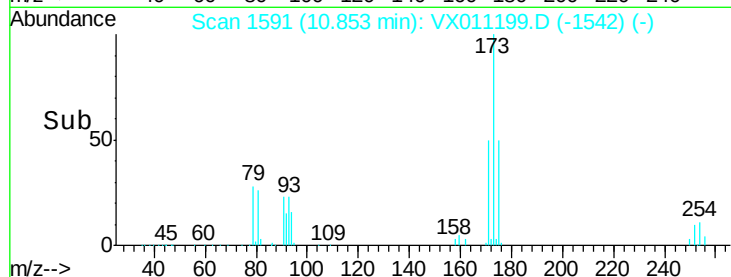
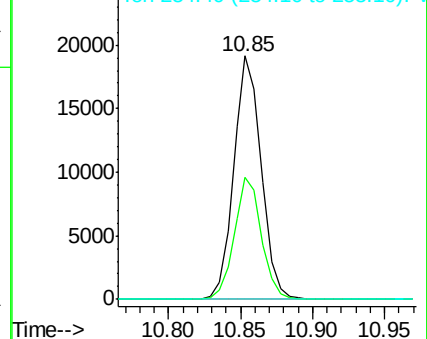
173 100

175 49.0 24.6 73.6

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX011199.D

Acq: 30 Jul 2019 16:53

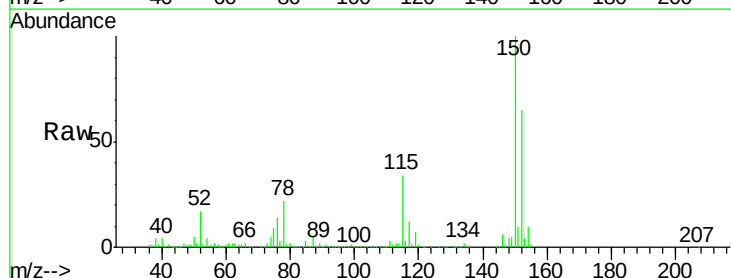
Tgt Ion:152 Resp: 127339

Ion Ratio Lower Upper

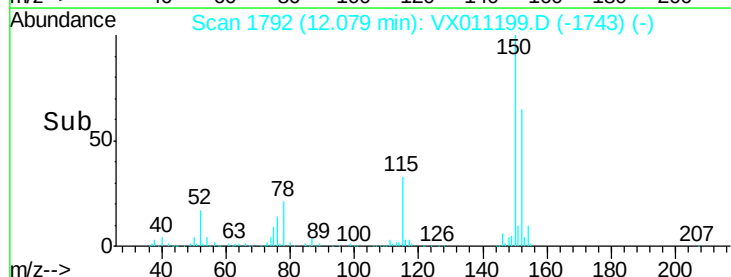
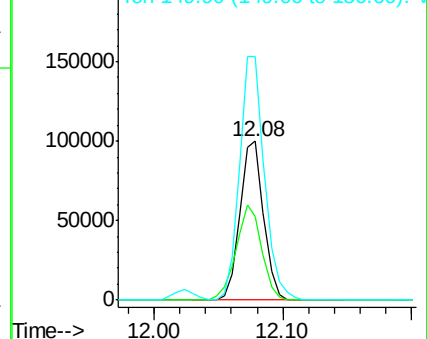
152 100

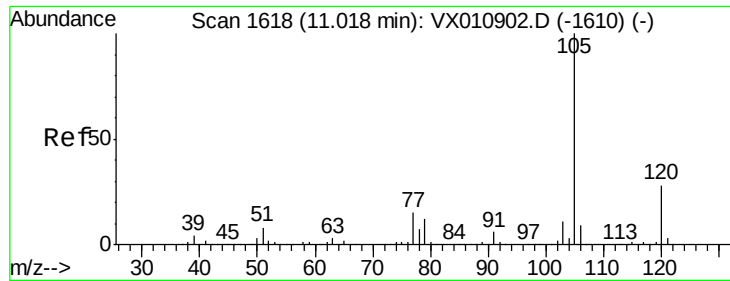
115 64.7 39.7 119.1

150 161.8 0.0 345.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

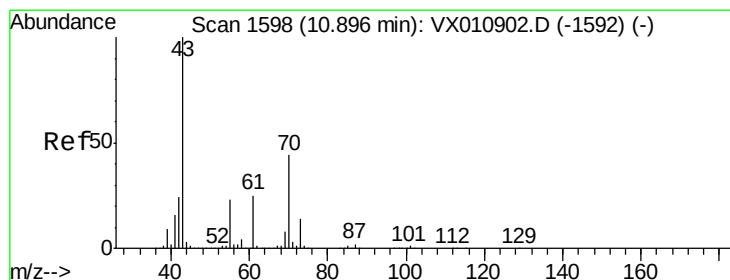
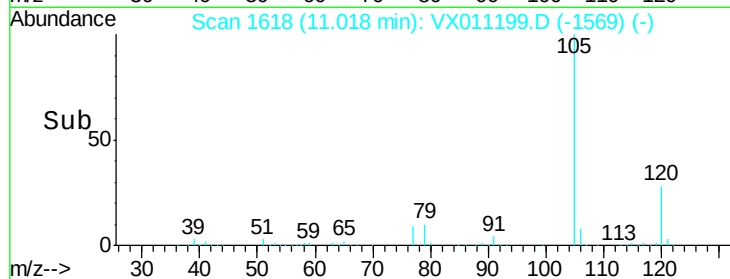
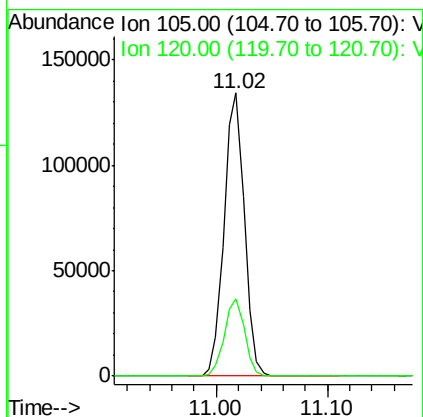
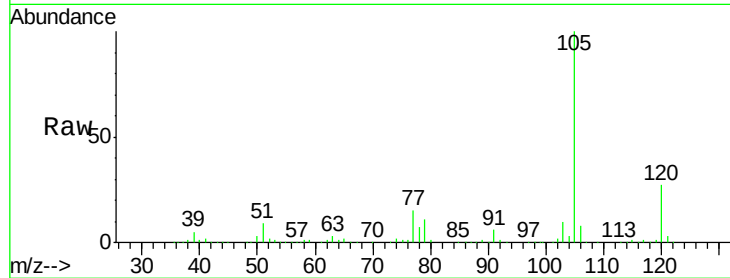




#73
Isopropylbenzene
Concen: 19.631 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX011199.D
Acq: 30 Jul 2019 16:53

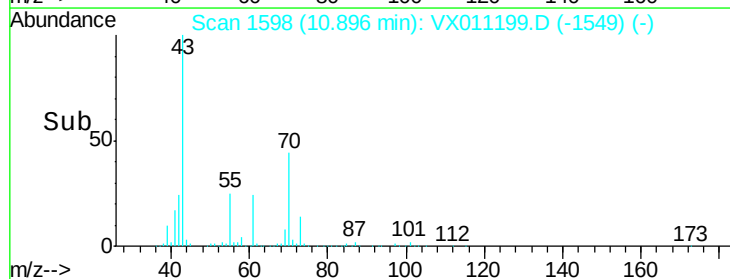
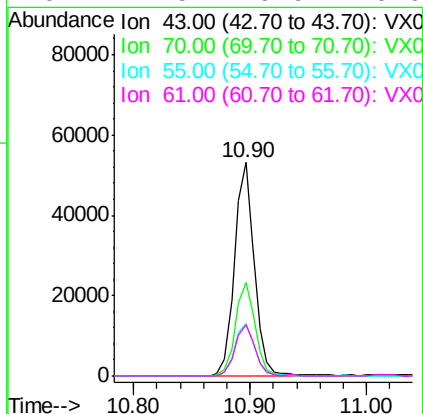
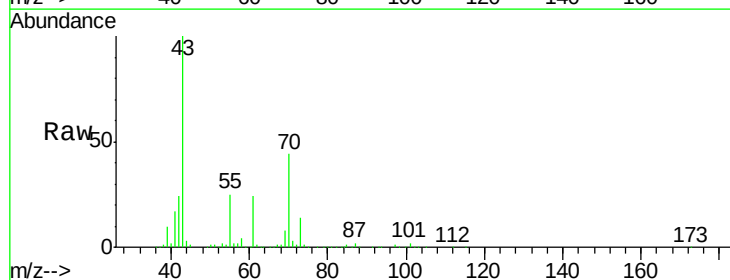
Instrument :
MSVOA_X
ClientSampleId :
VX0730WBSD01

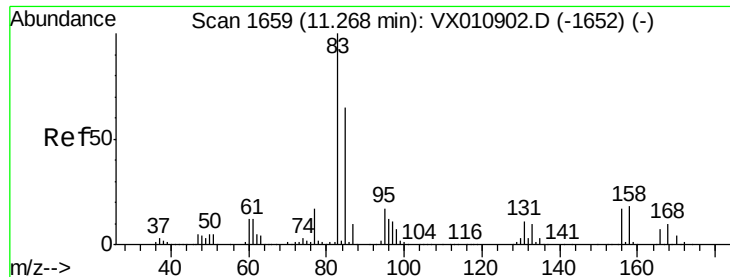
Tgt Ion: 105 Resp: 168914
Ion Ratio Lower Upper
105 100
120 27.3 13.7 41.1



#74
N-ethyl acetate
Concen: 19.283 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX011199.D
Acq: 30 Jul 2019 16:53

Tgt Ion: 43 Resp: 63395
Ion Ratio Lower Upper
43 100
70 43.8 34.7 52.1
55 25.5 19.1 28.7
61 24.5 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 20.544 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX011199.D

Acq: 30 Jul 2019 16:53

Instrument :

MSVOA_X

ClientSampleId :

VX0730WBSD01

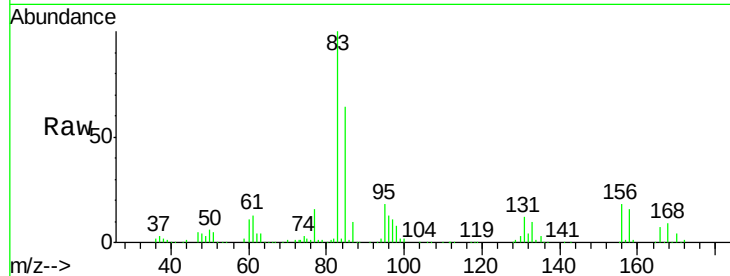
Tgt Ion: 83 Resp: 57848

Ion Ratio Lower Upper

83 100

131 11.1 5.5 16.4

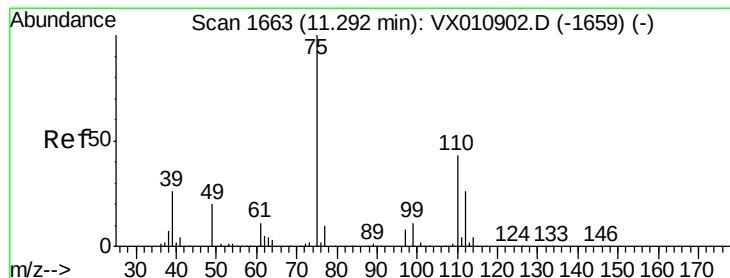
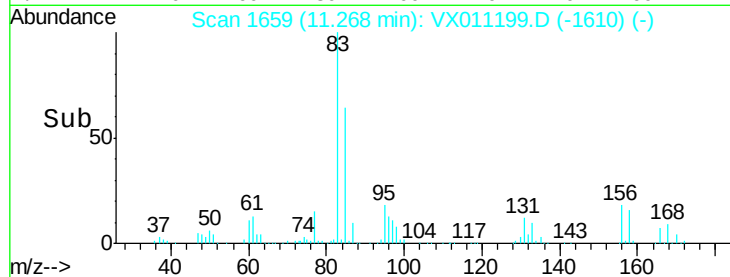
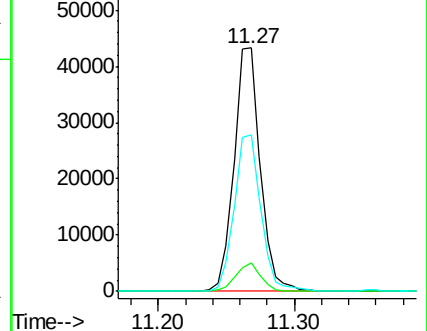
85 65.6 32.3 96.9



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: 25.747 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX011199.D

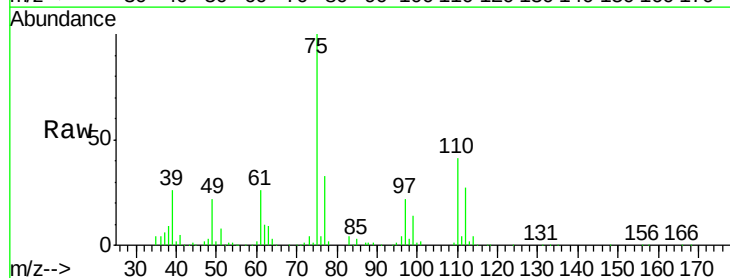
Acq: 30 Jul 2019 16:53

Tgt Ion: 75 Resp: 59163

Ion Ratio Lower Upper

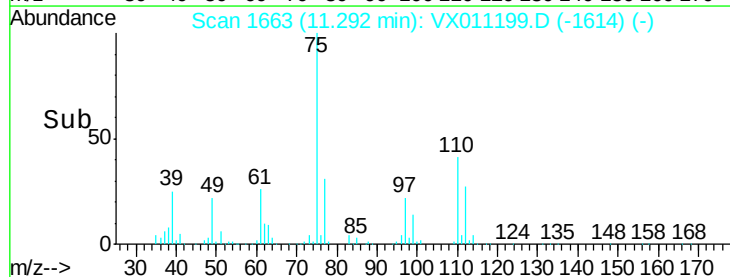
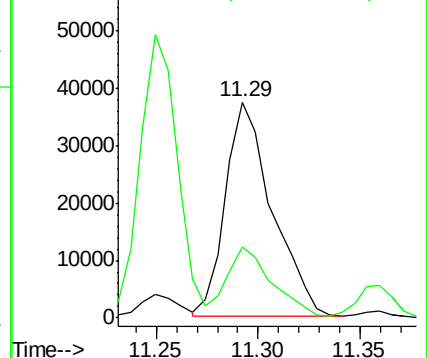
75 100

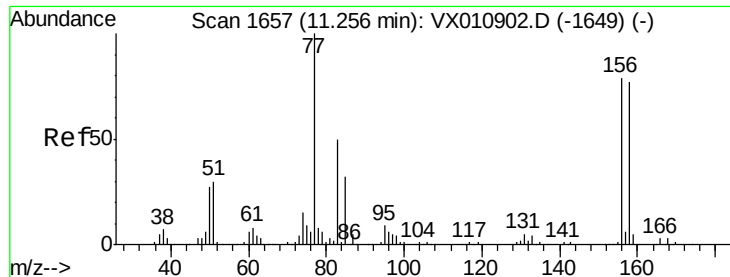
77 32.6 21.3 64.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.244 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX011199.D

Acq: 30 Jul 2019 16:53

Instrument :

MSVOA_X

ClientSampleId :

VX0730WBSD01

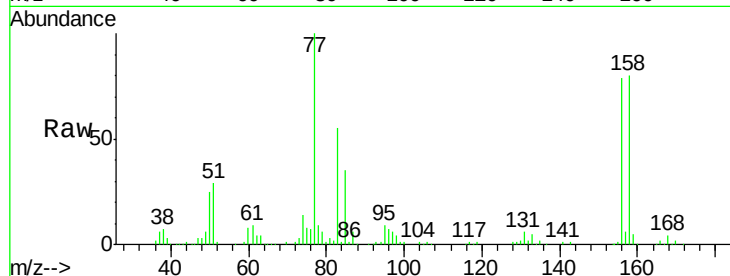
Tgt Ion:156 Resp: 45672

Ion Ratio Lower Upper

156 100

77 137.7 68.7 206.1

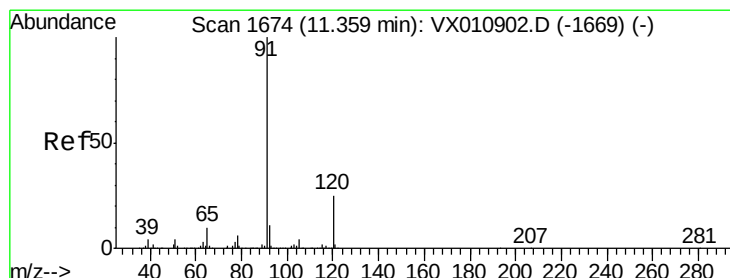
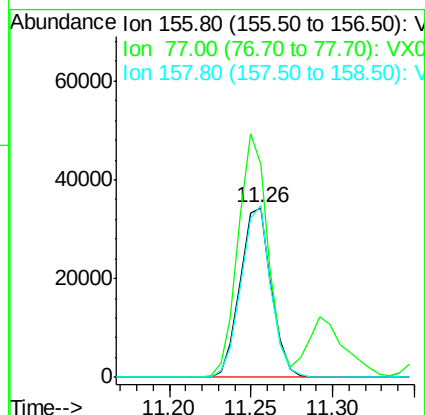
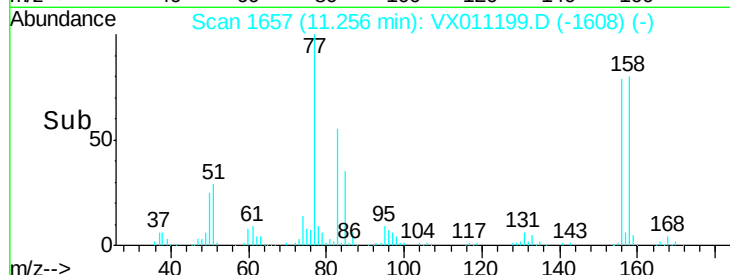
158 97.3 47.9 143.7



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: 19.348 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX011199.D

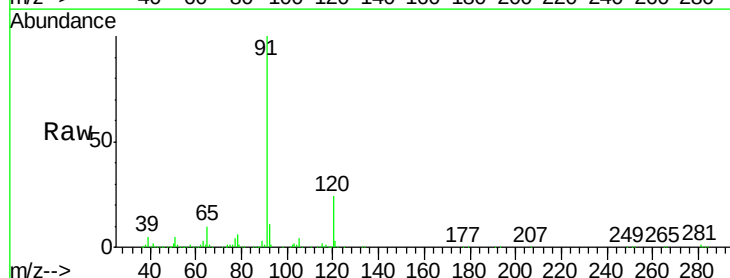
Acq: 30 Jul 2019 16:53

Tgt Ion: 91 Resp: 183945

Ion Ratio Lower Upper

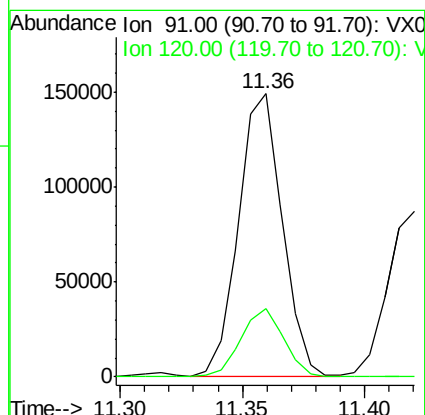
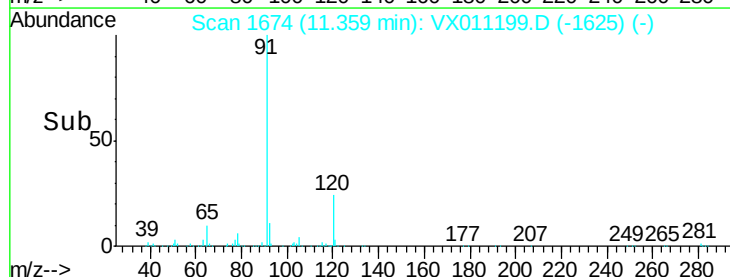
91 100

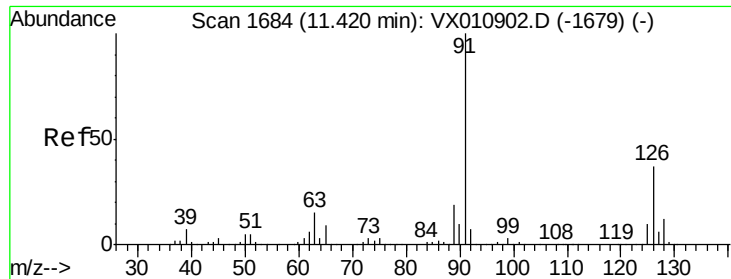
120 23.8 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

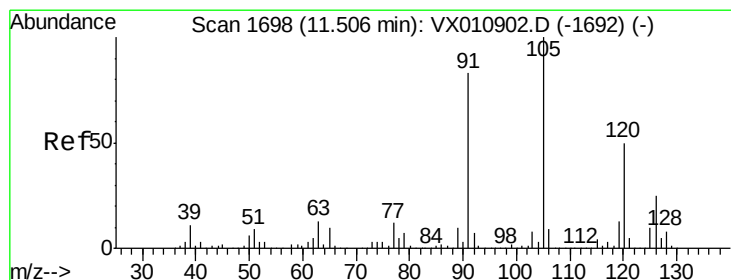
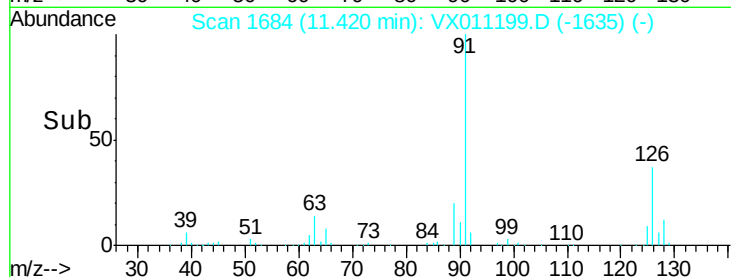
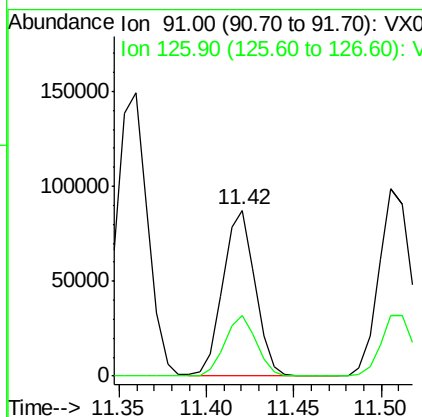
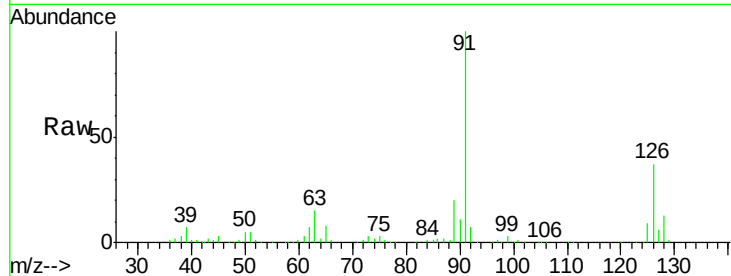




#79
 2-Chlorotoluene
 Concen: 19.511 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX011199.D
 Acq: 30 Jul 2019 16:53

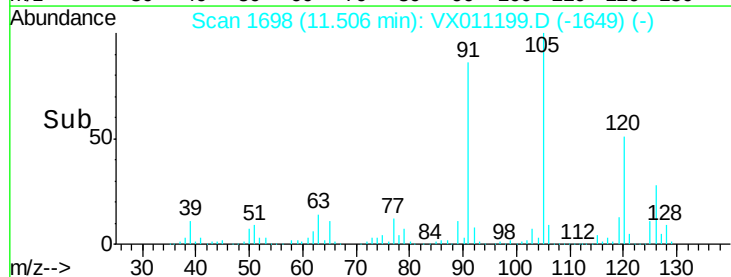
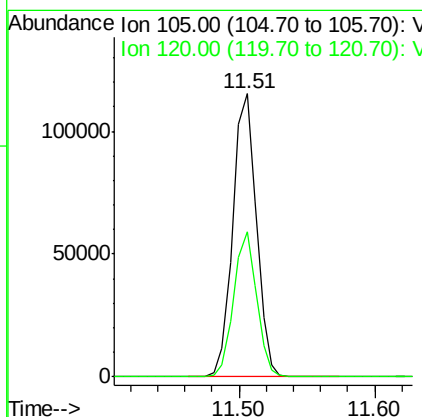
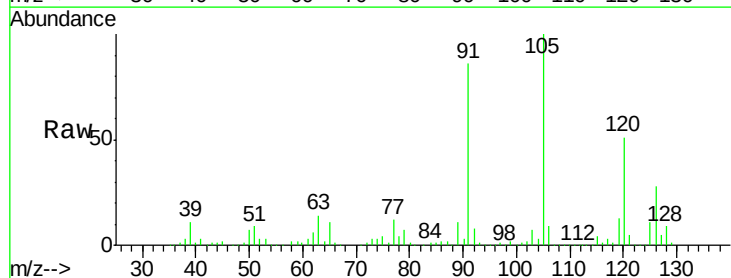
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0730WBSD01

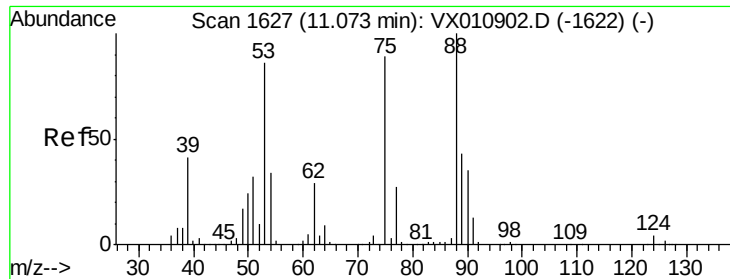
Tgt Ion: 91 Resp: 111430
 Ion Ratio Lower Upper
 91 100
 126 36.0 18.0 54.0



#80
 1,3,5-Trimethylbenzene
 Concen: 19.397 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX011199.D
 Acq: 30 Jul 2019 16:53

Tgt Ion: 105 Resp: 139462
 Ion Ratio Lower Upper
 105 100
 120 49.9 24.6 73.8





#81

trans-1,4-Dichloro-2-butene

Concen: 17.422 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX011199.D

Acq: 30 Jul 2019 16:53

Instrument :

MSVOA_X

ClientSampleId :

VX0730WBSD01

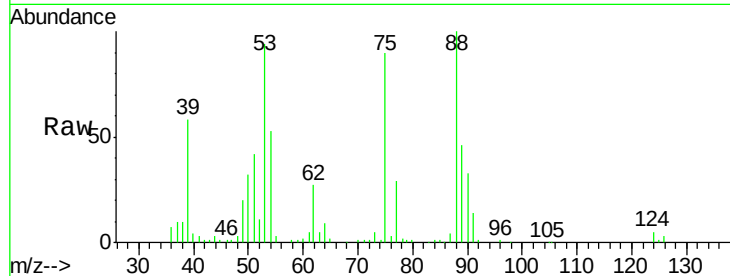
Tgt Ion: 75 Resp: 13246

Ion Ratio Lower Upper

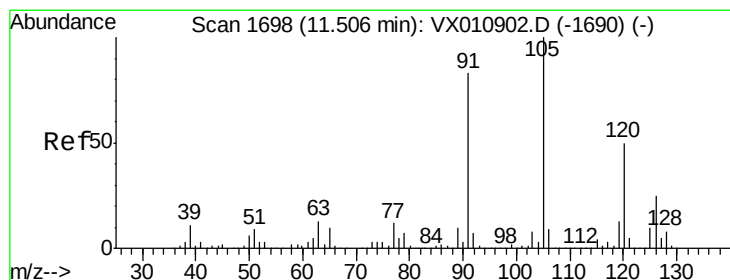
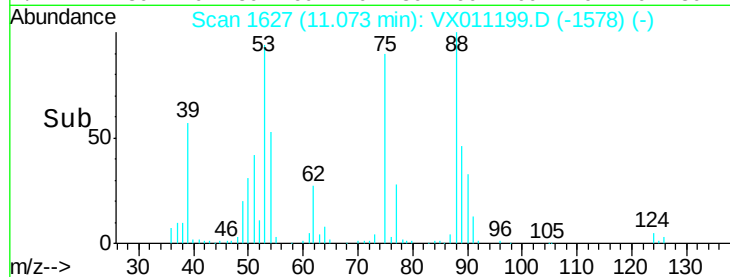
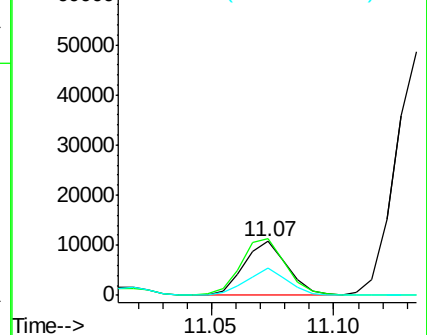
75 100

53 108.8 76.7 115.1

89 48.7 38.5 57.7



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



#82

4-Chlorotoluene

Concen: 18.907 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011199.D

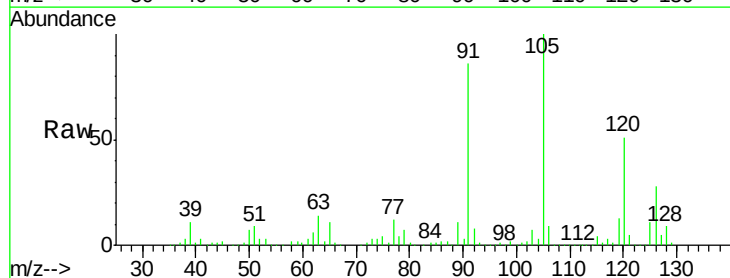
Acq: 30 Jul 2019 16:53

Tgt Ion: 91 Resp: 125678

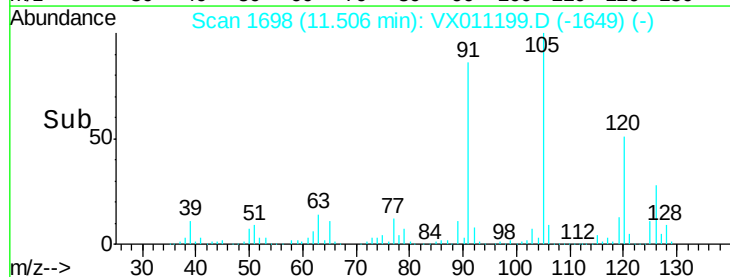
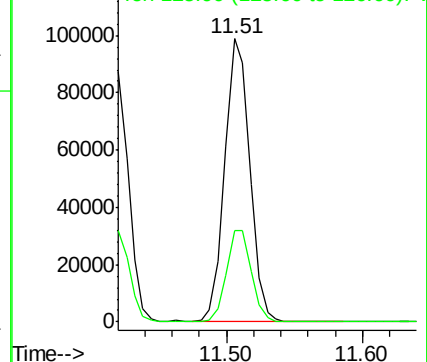
Ion Ratio Lower Upper

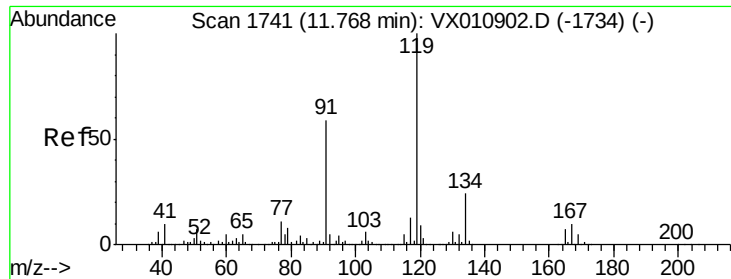
91 100

126 32.5 15.9 47.7



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

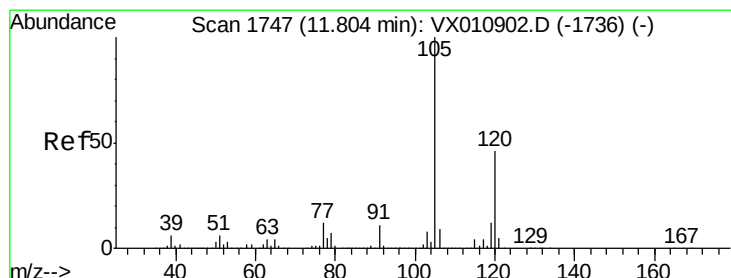
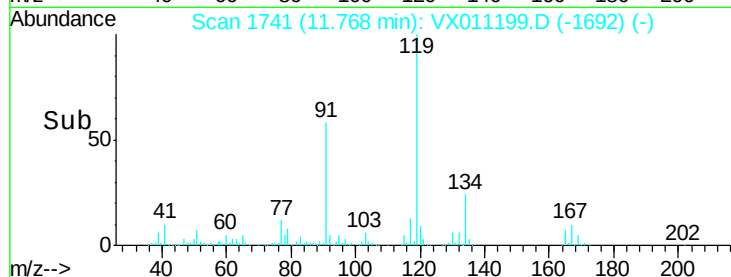
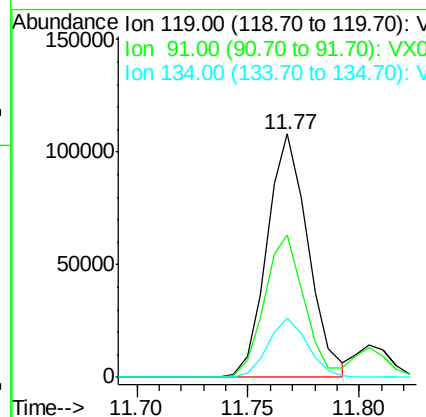
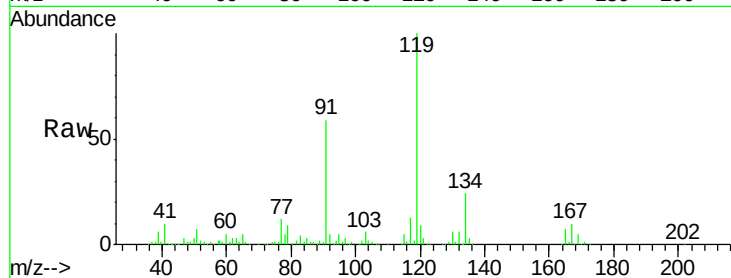




#83
 tert-Butylbenzene
 Concen: 19.568 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX011199.D
 Acq: 30 Jul 2019 16:53

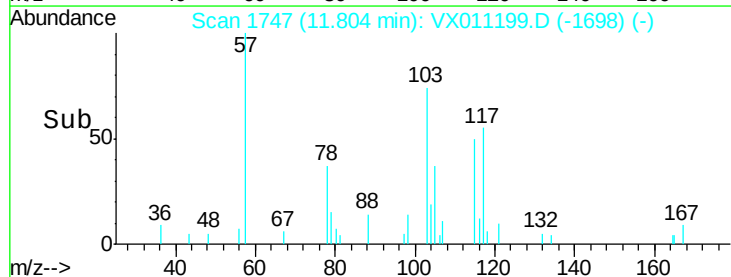
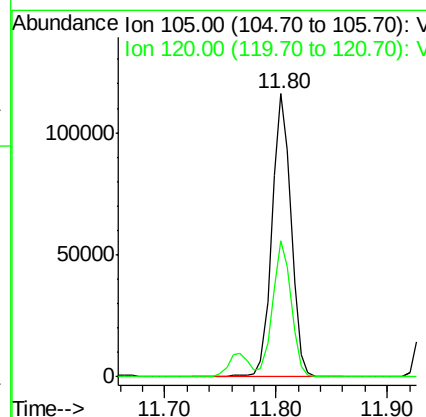
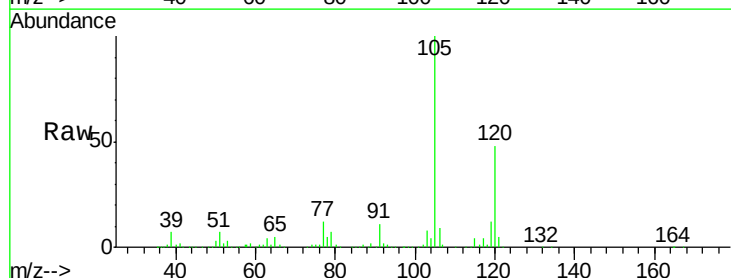
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0730WBSD01

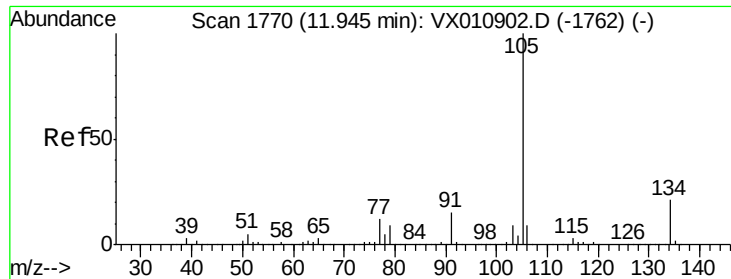
Tgt Ion:119 Resp: 138190
 Ion Ratio Lower Upper
 119 100
 91 57.6 28.6 85.8
 134 23.4 11.6 34.8



#84
 1,2,4-Trimethylbenzene
 Concen: 19.314 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX011199.D
 Acq: 30 Jul 2019 16:53

Tgt Ion:105 Resp: 139960
 Ion Ratio Lower Upper
 105 100
 120 46.7 22.9 68.5





#85

sec-Butylbenzene

Concen: 19.672 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX011199.D

Acq: 30 Jul 2019 16:53

Instrument :

MSVOA_X

ClientSampleId :

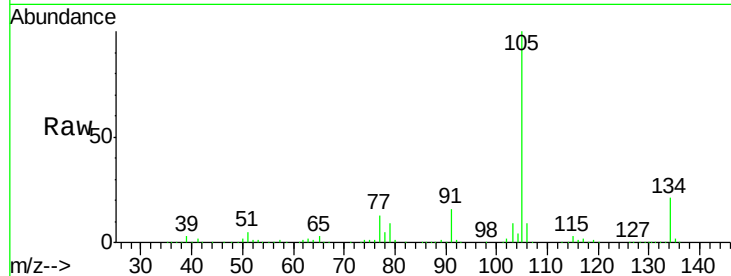
VX0730WBSD01

Tgt Ion:105 Resp: 162785

Ion Ratio Lower Upper

105 100

134 21.3 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

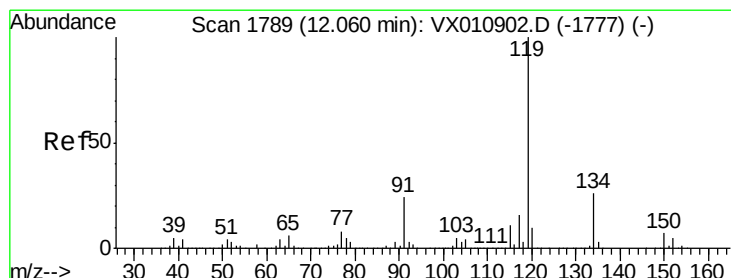
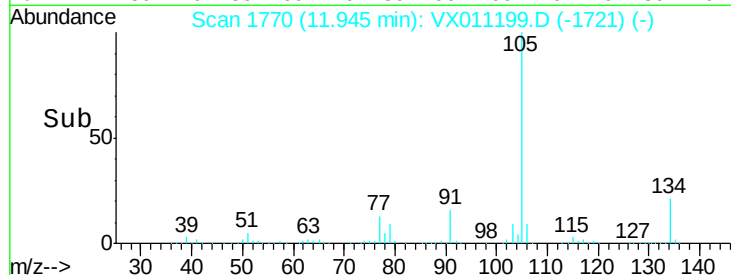
150000

100000

50000

0

Time--> 11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 19.430 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX011199.D

Acq: 30 Jul 2019 16:53

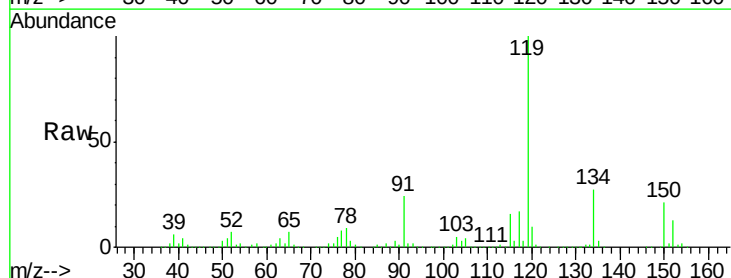
Tgt Ion:119 Resp: 148641

Ion Ratio Lower Upper

119 100

134 27.2 13.4 40.1

91 23.6 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.06

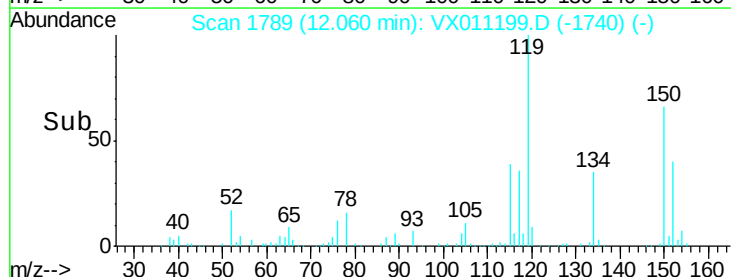
150000

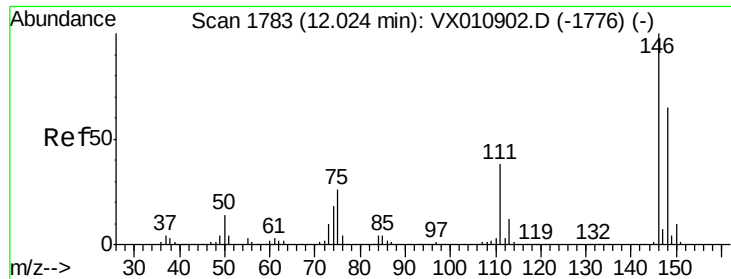
100000

50000

0

Time--> 12.00 12.10





#87

1,3-Dichlorobenzene

Concen: 19.179 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX011199.D

Acq: 30 Jul 2019 16:53

Instrument :

MSVOA_X

ClientSampleId :

VX0730WBSD01

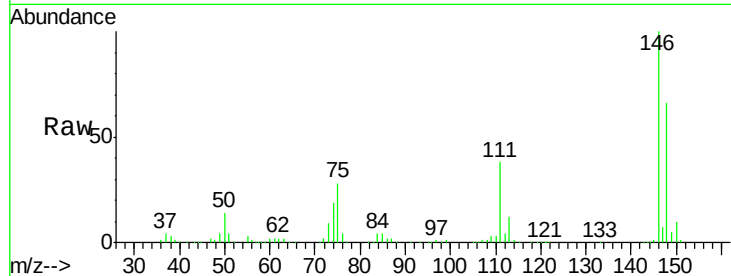
Tgt Ion:146 Resp: 78993

Ion Ratio Lower Upper

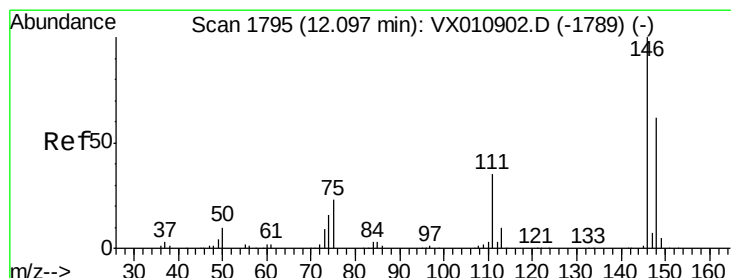
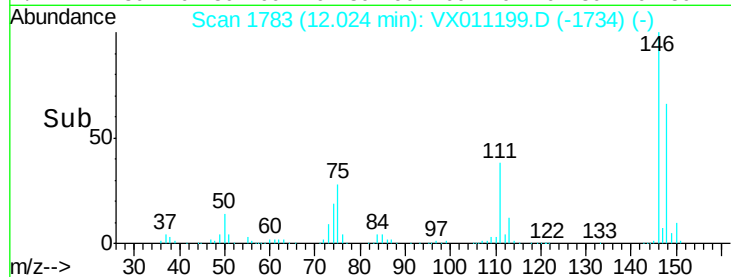
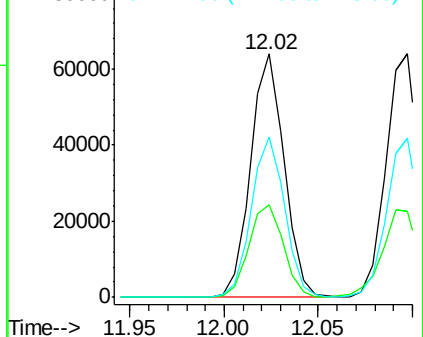
146 100

111 39.4 18.9 56.9

148 65.4 32.2 96.6



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



#88

1,4-Dichlorobenzene

Concen: 19.103 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX011199.D

Acq: 30 Jul 2019 16:53

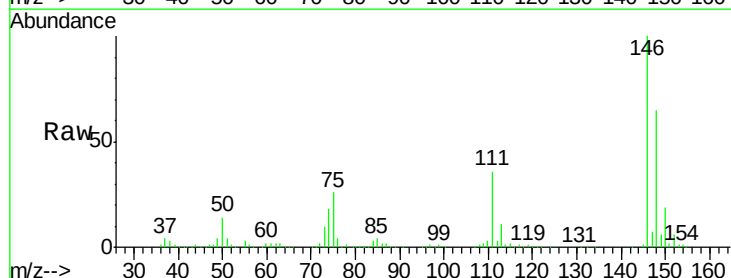
Tgt Ion:146 Resp: 80695

Ion Ratio Lower Upper

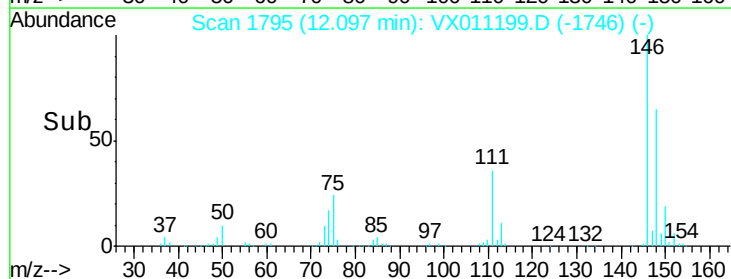
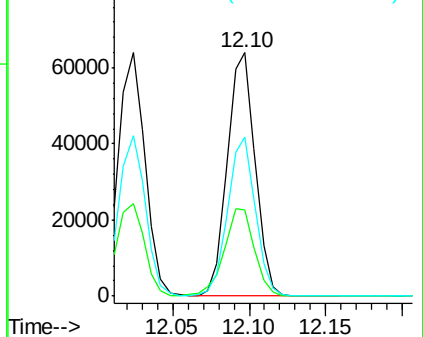
146 100

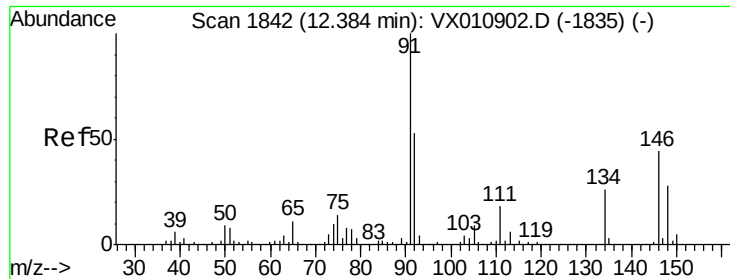
111 39.0 18.6 55.8

148 64.7 31.6 94.7



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





#89

n-Butylbenzene

Concen: 18.932 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX011199.D

Acq: 30 Jul 2019 16:53

Instrument :

MSVOA_X

ClientSampleId :

VX0730WBSD01

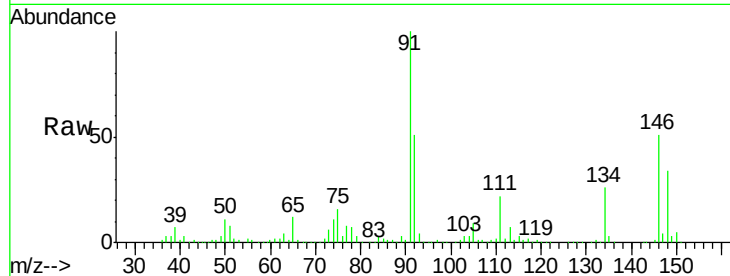
Tgt Ion: 91 Resp: 123909

Ion Ratio Lower Upper

91 100

92 51.7 26.2 78.5

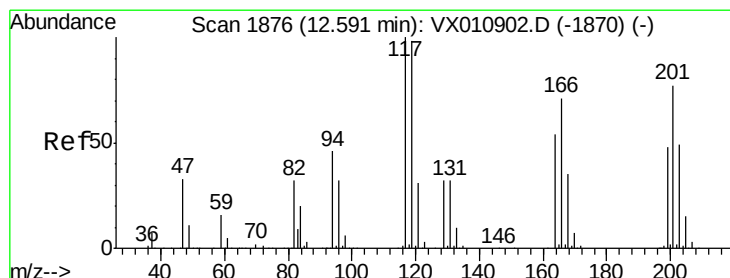
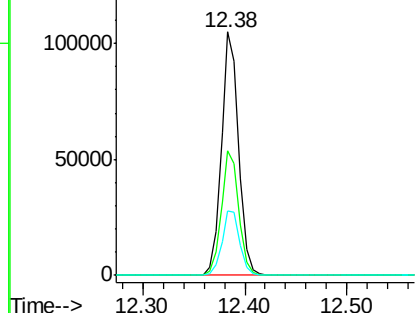
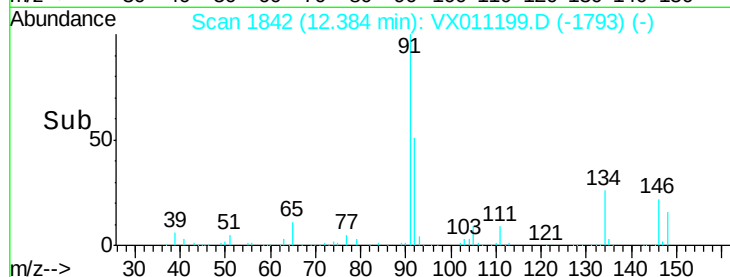
134 27.4 13.8 41.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 18.073 ug/l

RT: 12.59 min Scan# 1876

Delta R.T. 0.00 min

Lab File: VX011199.D

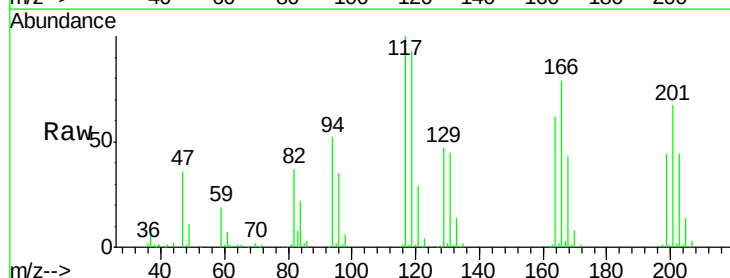
Acq: 30 Jul 2019 16:53

Tgt Ion: 117 Resp: 21807

Ion Ratio Lower Upper

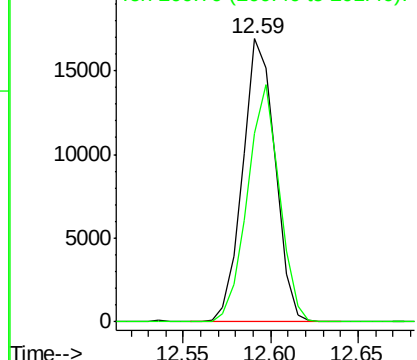
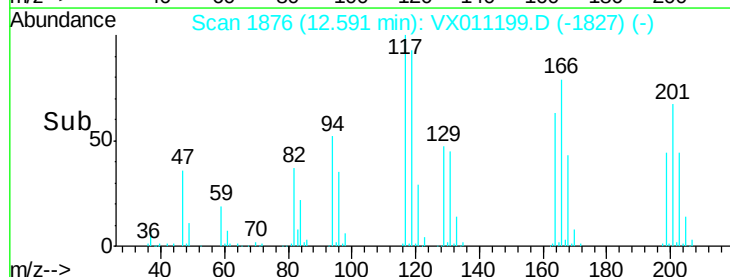
117 100

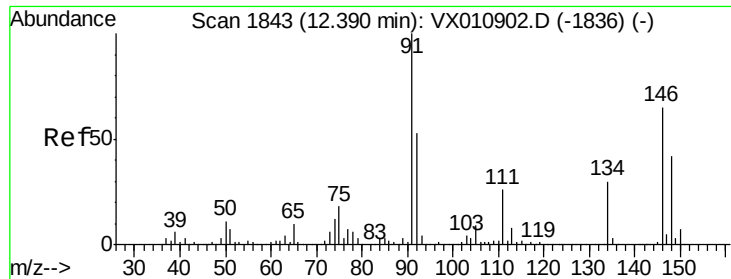
201 82.3 43.3 129.8



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

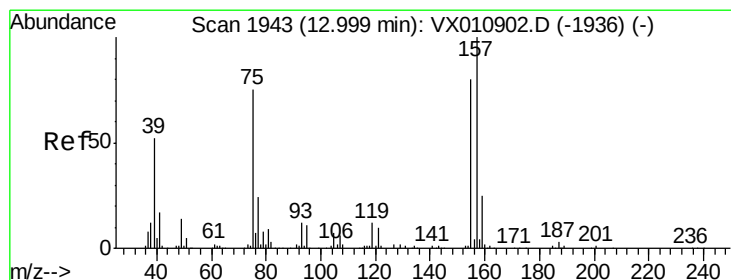
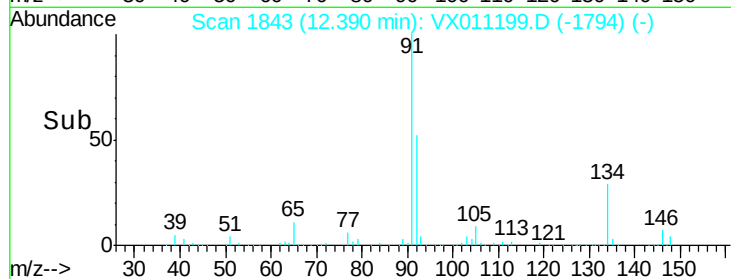
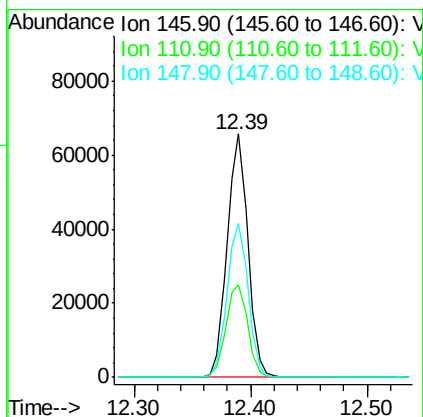
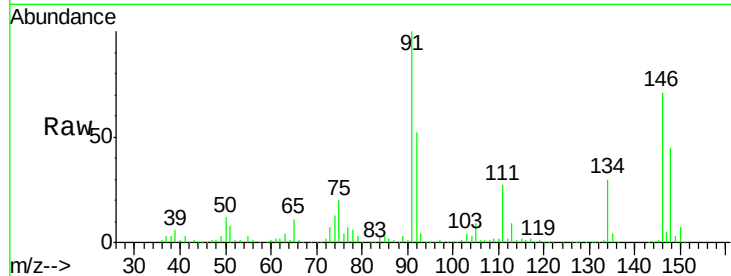




#91
 1,2-Dichlorobenzene
 Concen: 19.963 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX011199.D
 Acq: 30 Jul 2019 16:53

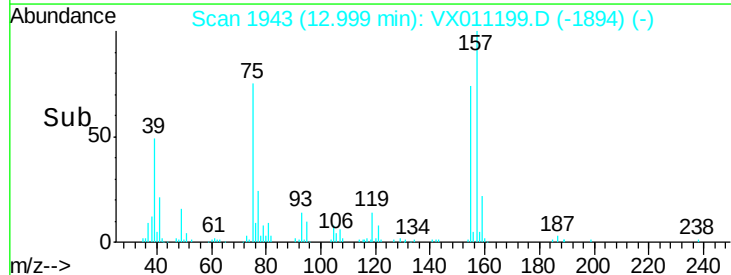
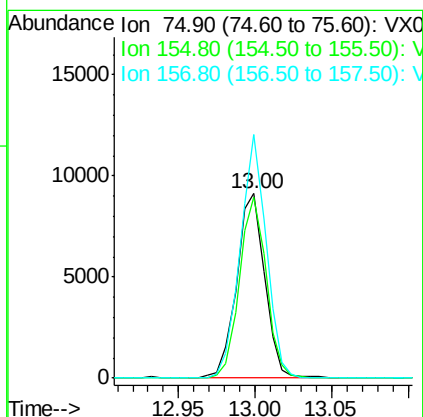
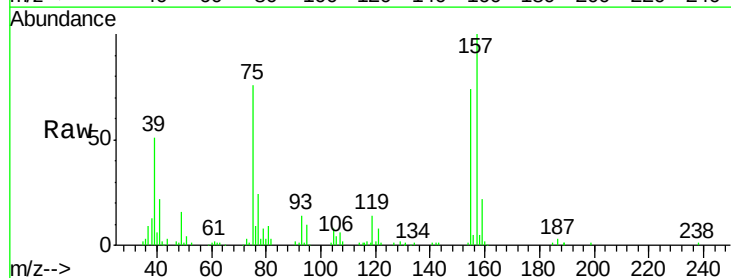
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0730WBSD01

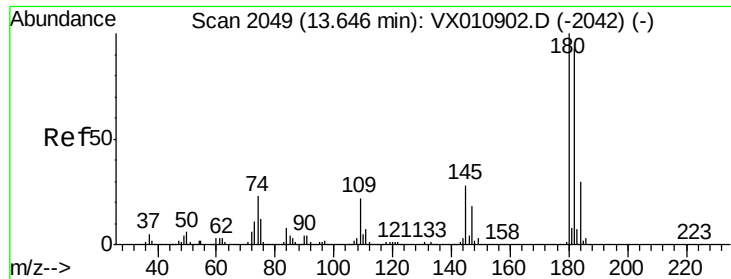
Tgt Ion: 146 Resp: 81488
 Ion Ratio Lower Upper
 146 100
 111 39.8 19.9 59.7
 148 64.5 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.766 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX011199.D
 Acq: 30 Jul 2019 16:53

Tgt Ion: 75 Resp: 11634
 Ion Ratio Lower Upper
 75 100
 155 93.4 48.7 146.1
 157 122.1 62.5 187.6

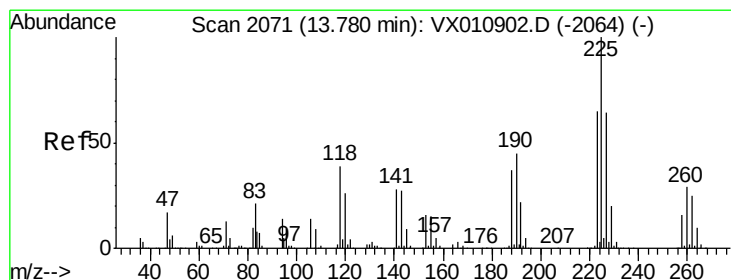
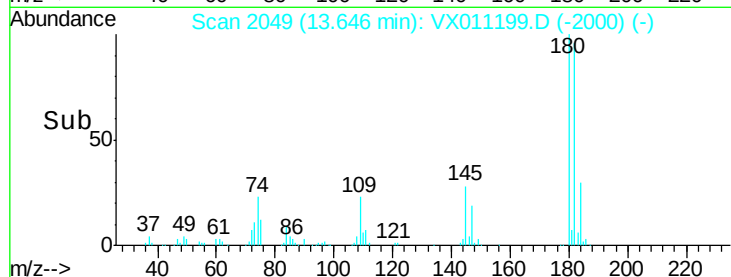
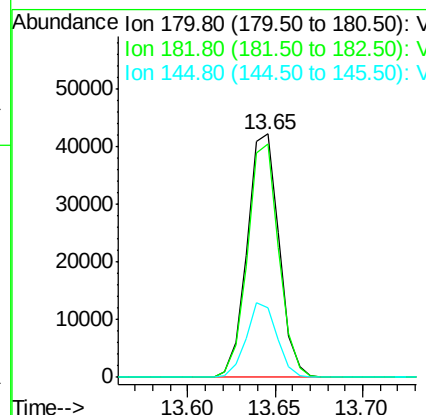
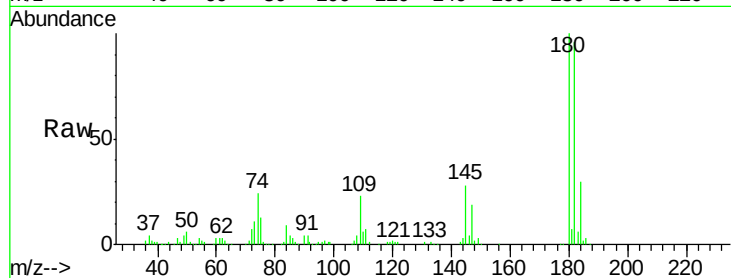




#93
 1,2,4-Trichlorobenzene
 Concen: 19.276 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX011199.D
 Acq: 30 Jul 2019 16:53

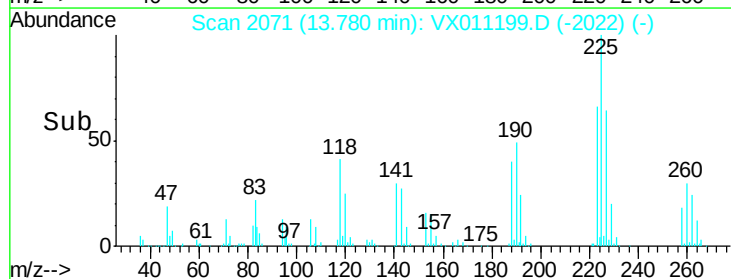
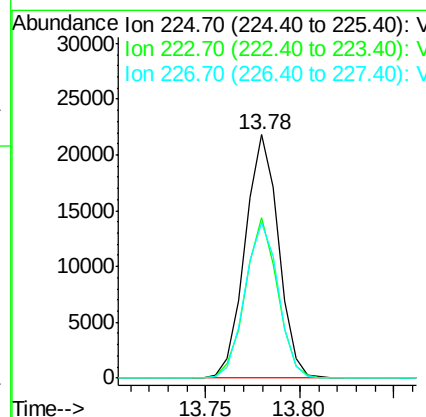
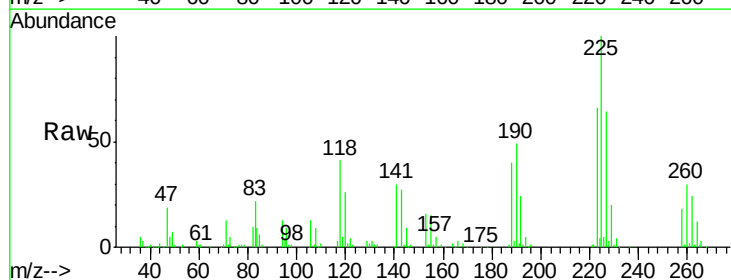
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0730WBSD01

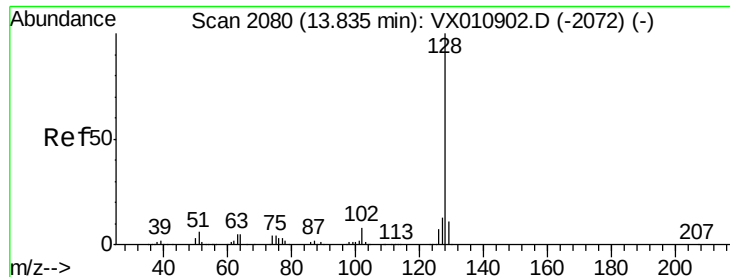
Tgt Ion:180 Resp: 53326
 Ion Ratio Lower Upper
 180 100
 182 94.0 47.1 141.3
 145 29.6 14.8 44.4



#94
 Hexachlorobutadiene
 Concen: 19.524 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX011199.D
 Acq: 30 Jul 2019 16:53

Tgt Ion:225 Resp: 26765
 Ion Ratio Lower Upper
 225 100
 223 63.7 31.9 95.9
 227 63.8 32.5 97.4

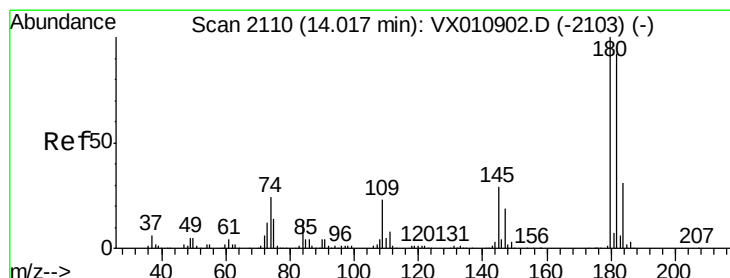
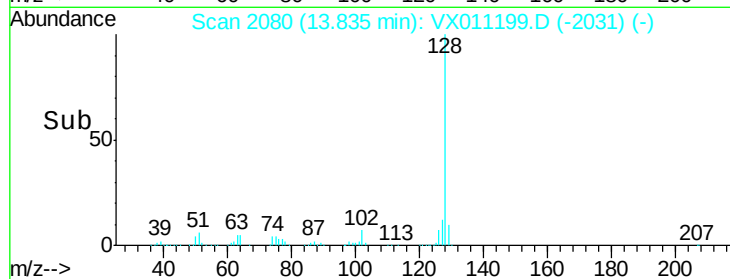
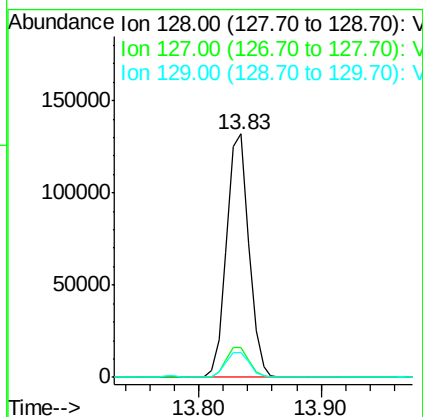
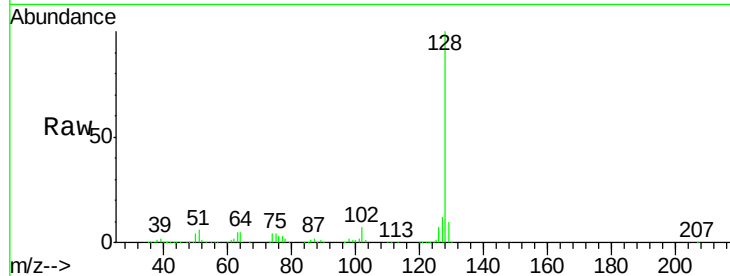




#95
Naphthalene
Concen: 20.431 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX011199.D
Acq: 30 Jul 2019 16:53

Instrument :
MSVOA_X
ClientSampleId :
VX0730WBSD01

Tgt Ion:128 Resp: 166906
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.8 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 19.629 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX011199.D
Acq: 30 Jul 2019 16:53

Tgt Ion:180 Resp: 54030
Ion Ratio Lower Upper
180 100
182 97.7 47.4 142.3
145 30.9 15.1 45.3

