

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042619\
 Data File : VX009192.D
 Acq On : 26 Apr 2019 16:10
 Operator : JC/SP
 Sample : VX0426WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0426WBSD01

Quant Time: Apr 27 04:03:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	194996	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	313128	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	283741	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	133770	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	125920	45.82	ug/l	0.00
Spiked Amount			Recovery	=	91.64%	
35) Dibromofluoromethane	5.50	113	92999	46.28	ug/l	0.00
Spiked Amount			Recovery	=	92.56%	
50) Toluene-d8	8.71	98	369459	46.10	ug/l	0.00
Spiked Amount			Recovery	=	92.20%	
62) 4-Bromofluorobenzene	11.13	95	134035	47.38	ug/l	0.00
Spiked Amount			Recovery	=	94.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	40890	18.206	ug/l	97
3) Chloromethane	1.32	50	49510	17.956	ug/l	95
4) Vinyl Chloride	1.41	62	48609	18.113	ug/l	100
5) Bromomethane	1.64	94	22823	16.384	ug/l	100
6) Chloroethane	1.71	64	31515	19.970	ug/l	100
7) Trichlorofluoromethane	1.92	101	57916	18.484	ug/l	97
8) Diethyl Ether	2.19	74	26873	18.753	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	36077	18.008	ug/l	99
10) Methyl Iodide	2.51	142	20312	12.869	ug/l	99
11) Tert butyl alcohol	3.05	59	64954	106.483	ug/l	100
12) 1,1-Dichloroethene	2.37	96	36530	17.469	ug/l	97
13) Acrolein	2.29	56	51580	97.864	ug/l	99
14) Allyl chloride	2.73	41	86171	18.888	ug/l	99
15) Acrylonitrile	3.14	53	153149	98.904	ug/l	100
16) Acetone	2.45	43	151339	106.197	ug/l	98
17) Carbon Disulfide	2.57	76	101090	17.292	ug/l	99
18) Methyl Acetate	2.78	43	71546	20.116	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	140668	18.879	ug/l	99
20) Methylene Chloride	2.85	84	43923	18.023	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	37955	17.017	ug/l	92
22) Diisopropyl ether	3.85	45	171590	19.356	ug/l	95
23) Vinyl Acetate	3.82	43	761323	97.697	ug/l	99
24) 1,1-Dichloroethane	3.70	63	81335	18.277	ug/l	100
25) 2-Butanone	4.68	43	238605	104.748	ug/l	100
26) 2,2-Dichloropropane	4.59	77	60423	18.114	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	45823	18.095	ug/l	97
28) Bromochloromethane	5.01	49	38310	19.551	ug/l	97
29) Tetrahydrofuran	5.13	42	150413	98.655	ug/l	99
30) Chloroform	5.21	83	74681	18.754	ug/l	96
31) Cyclohexane	5.58	56	78136	17.852	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	61192	18.540	ug/l	99
36) 1,1-Dichloropropene	5.80	75	55289	17.073	ug/l	97
37) Ethyl Acetate	4.84	43	85151	20.434	ug/l	100
38) Carbon Tetrachloride	5.79	117	49883	18.169	ug/l	99

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VX0426WBSD01

Quant Time: Apr 27 04:03:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	70171	17.797	ug/l	99
40) Benzene	6.14	78	176010	18.423	ug/l	99
41) Methacrylonitrile	5.05	41	47355	19.800	ug/l	98
42) 1,2-Dichloroethane	6.19	62	63888	18.878	ug/l	99
43) Isopropyl Acetate	6.45	43	129994	19.358	ug/l	100
44) Trichloroethene	7.21	130	41040	17.532	ug/l	98
45) 1,2-Dichloropropane	7.51	63	50548	19.072	ug/l	99
46) Dibromomethane	7.66	93	28215	18.292	ug/l	100
47) Bromodichloromethane	7.90	83	56162	18.564	ug/l	99
48) Methyl methacrylate	7.77	41	64768	19.520	ug/l	99
49) 1,4-Dioxane	7.74	88	26378	424.735	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	444965	104.008	ug/l	99
52) Toluene	8.79	92	107723	18.814	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	62815	18.041	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	71233	18.271	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	43577	19.203	ug/l	99
56) Ethyl methacrylate	9.18	69	79479	19.533	ug/l	99
57) 1,3-Dichloropropane	9.37	76	77460	19.172	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	193837	88.464	ug/l	100
59) 2-Hexanone	9.49	43	351809	106.661	ug/l	99
60) Dibromochloromethane	9.58	129	41300	18.990	ug/l	100
61) 1,2-Dibromoethane	9.67	107	44440	18.975	ug/l	100
64) Tetrachloroethene	9.33	164	37199	17.258	ug/l	97
65) Chlorobenzene	10.14	112	108857	18.176	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	38822	18.400	ug/l	99
67) Ethyl Benzene	10.25	91	203359	18.575	ug/l	100
68) m/p-Xylenes	10.36	106	149601	37.599	ug/l	99
69) o-Xylene	10.70	106	72962	18.846	ug/l	99
70) Styrene	10.71	104	124508	18.559	ug/l	99
71) Bromoform	10.85	173	30619	18.216	ug/l #	98
73) Isopropylbenzene	11.02	105	192497	18.985	ug/l	99
74) N-amyl acetate	10.90	43	116766	20.056	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	72891	19.675	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	85843	26.281	ug/l	79
77) Bromobenzene	11.26	156	48065	18.788	ug/l	99
78) n-propylbenzene	11.36	91	220181	18.919	ug/l	100
79) 2-Chlorotoluene	11.42	91	133866	19.088	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	163075	19.166	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	22425	17.625	ug/l	93
82) 4-Chlorotoluene	11.51	91	152275	18.696	ug/l	99
83) tert-Butylbenzene	11.77	119	159851	19.568	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	164967	19.047	ug/l	100
85) sec-Butylbenzene	11.94	105	185868	19.077	ug/l	99
86) p-Isopropyltoluene	12.06	119	169107	18.879	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	81878	18.286	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	83346	18.362	ug/l	99
89) n-Butylbenzene	12.38	91	149828	17.960	ug/l	99
90) Hexachloroethane	12.60	117	27357	18.515	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	84580	19.129	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	17042	20.203	ug/l	95

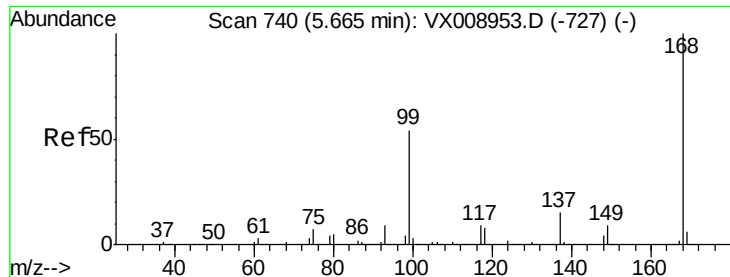
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX042619\
Data File : VX009192.D
Acq On : 26 Apr 2019 16:10
Operator : JC/SP
Sample : VX0426WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0426WBSD01

Quant Time: Apr 27 04:03:55 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 17 06:47:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	57025	17.867	ug/l	100
94) Hexachlorobutadiene	13.78	225	28885	18.145	ug/l	99
95) Naphthalene	13.83	128	196595	19.226	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	59145	18.781	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009192.D

Acq: 26 Apr 2019 16:10

Instrument :

MSVOA_X

ClientSampleId :

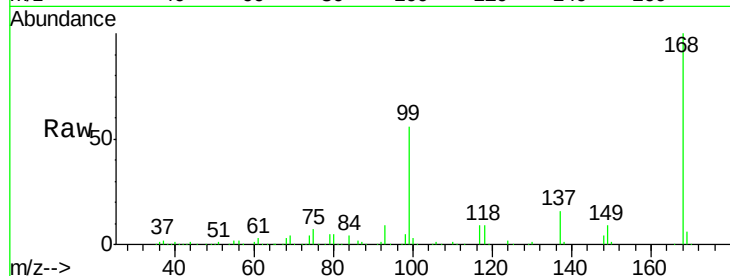
VX0426WBSD01

Tot Ion:168 Resp: 194996

Ion Ratio Lower Upper

168 100

99 56.1 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

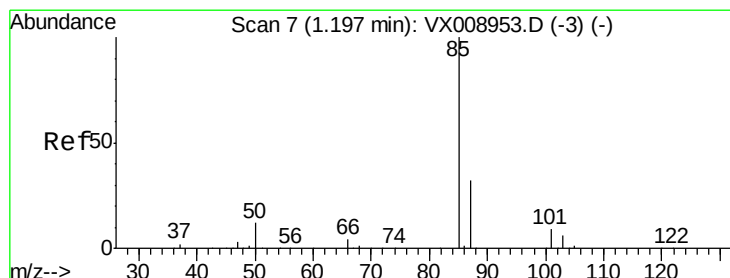
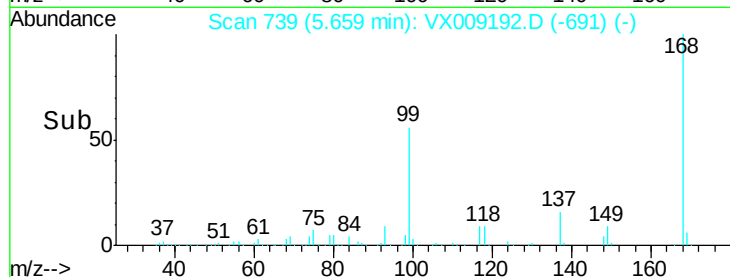
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 18.206 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX009192.D

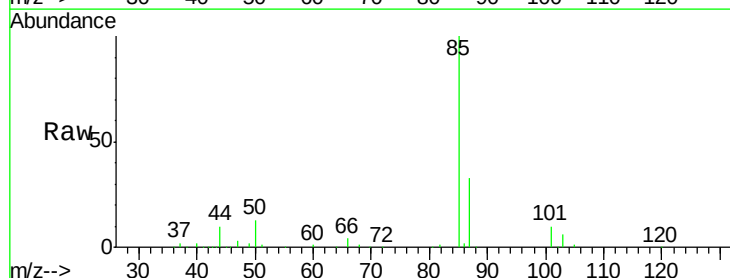
Acq: 26 Apr 2019 16:10

Tgt Ion: 85 Resp: 40890

Ion Ratio Lower Upper

85 100

87 33.5 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

40000

30000

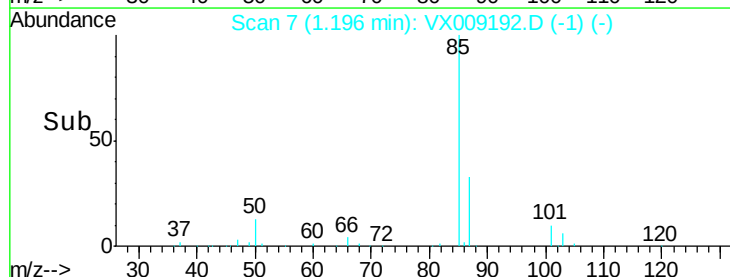
20000

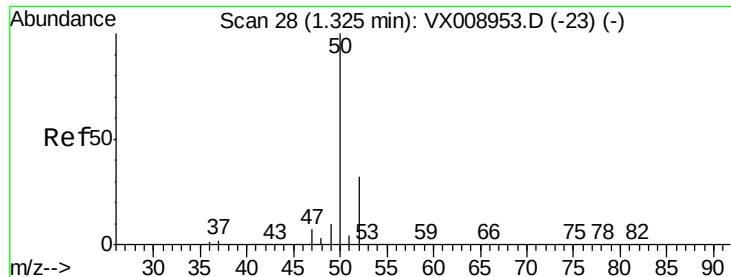
10000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 17.956 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009192.D

Acq: 26 Apr 2019 16:10

Instrument :

MSVOA_X

ClientSampleId :

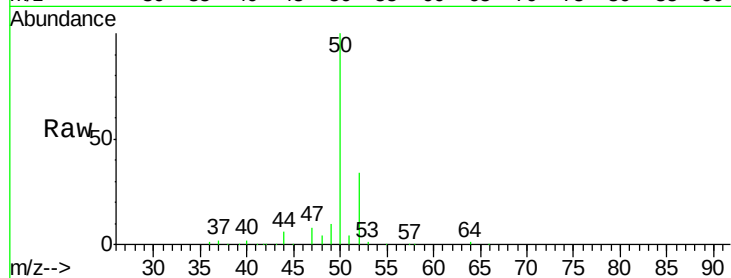
VX0426WBSD01

Tot Ion: 50 Resp: 49510

Ion Ratio Lower Upper

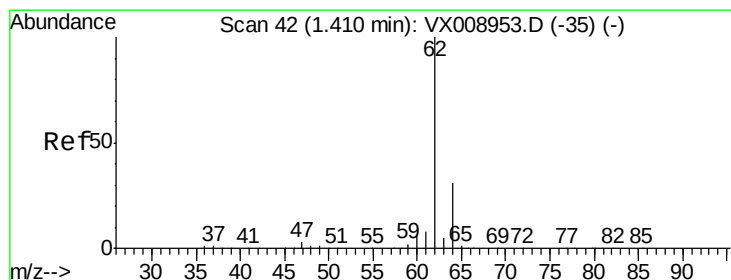
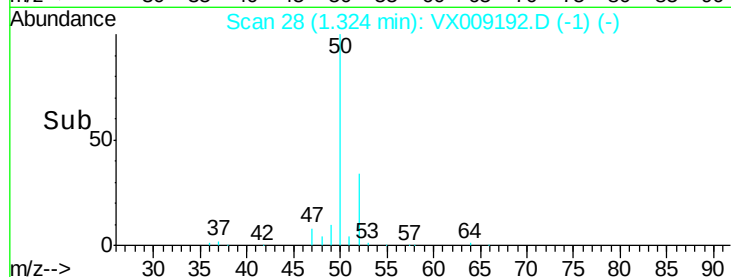
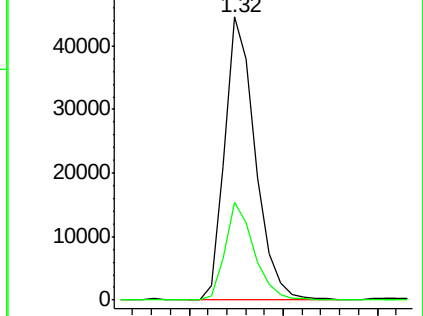
50 100

52 34.5 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 18.113 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009192.D

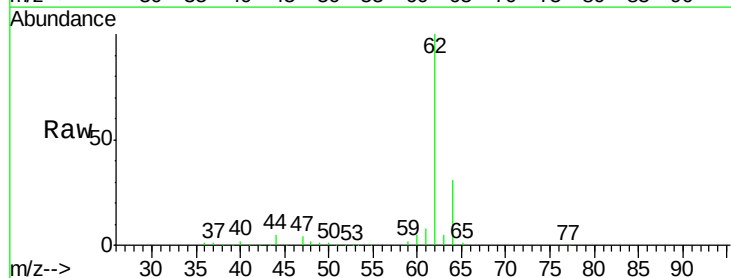
Acq: 26 Apr 2019 16:10

Tgt Ion: 62 Resp: 48609

Ion Ratio Lower Upper

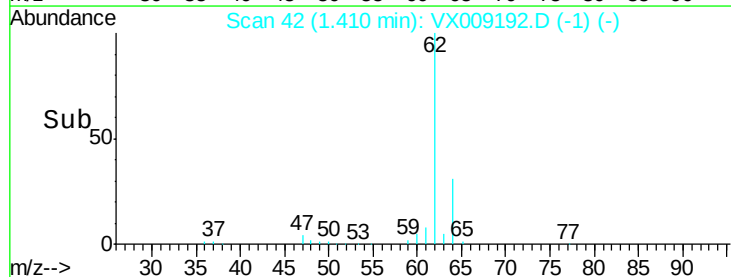
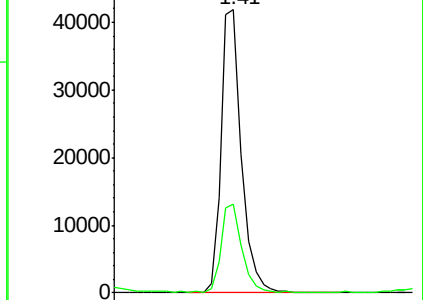
62 100

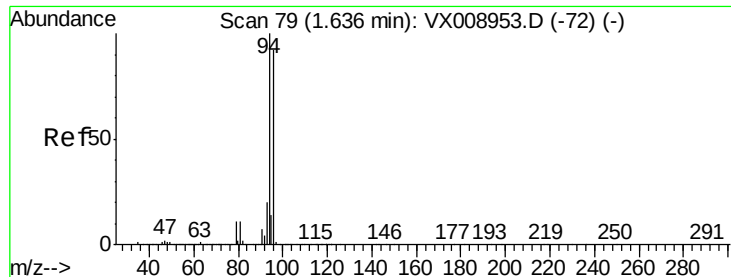
64 31.0 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 16.384 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009192.D

Acq: 26 Apr 2019 16:10

Instrument :

MSVOA_X

ClientSampled :

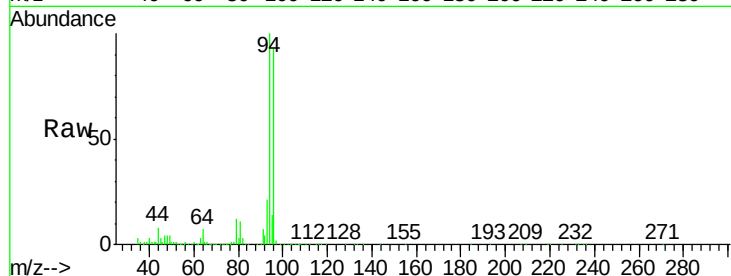
VX0426WBSD01

Tot Ion: 94 Resp: 22823

Ion Ratio Lower Upper

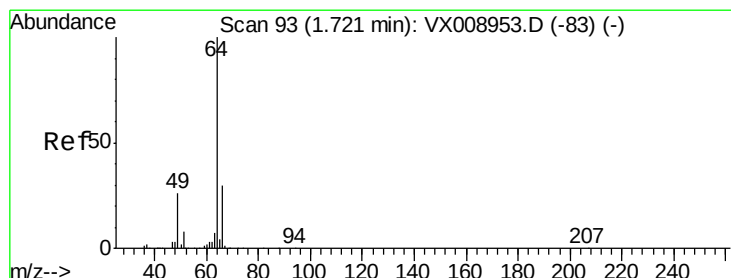
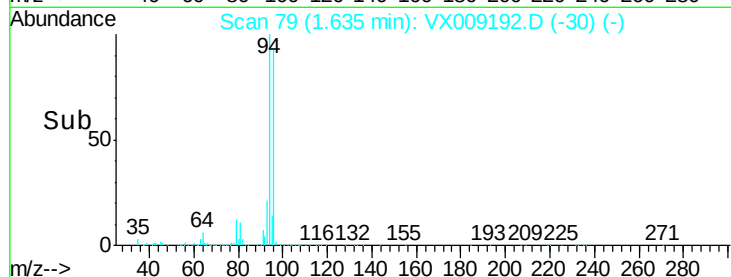
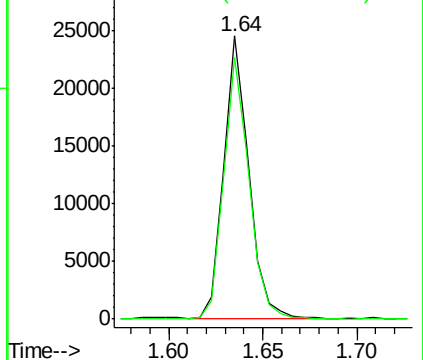
94 100

96 92.3 73.9 110.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.970 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX009192.D

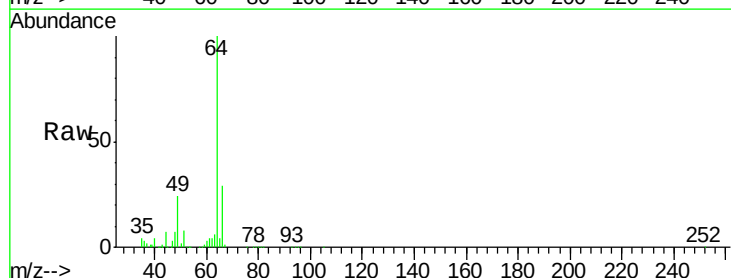
Acq: 26 Apr 2019 16:10

Tgt Ion: 64 Resp: 31515

Ion Ratio Lower Upper

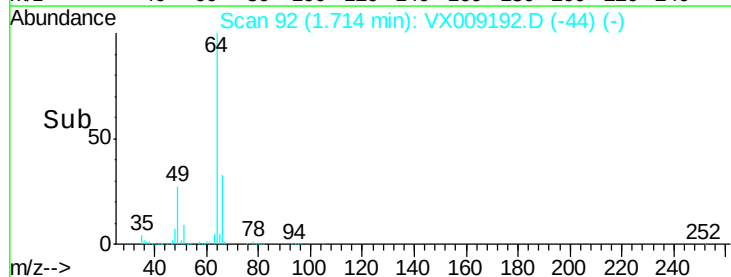
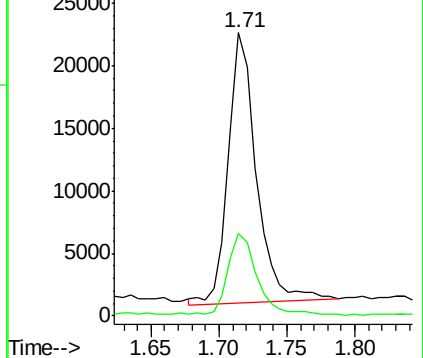
64 100

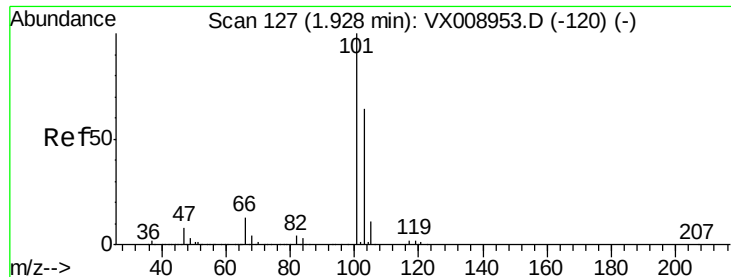
66 30.2 24.2 36.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



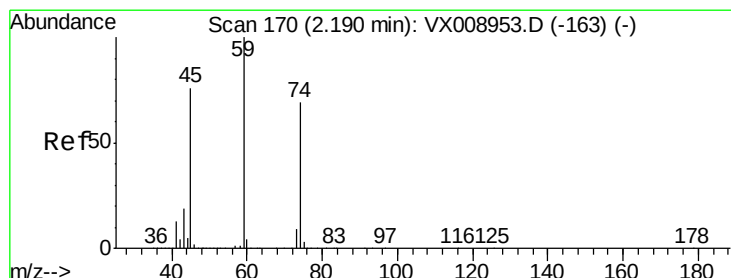
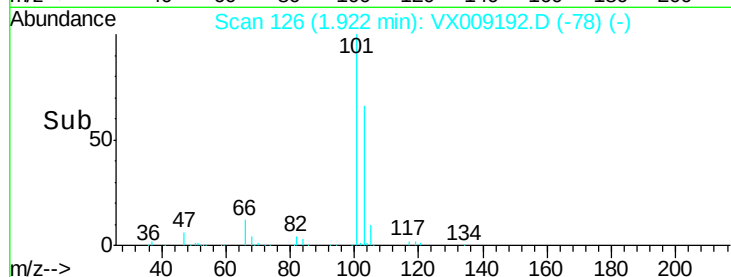
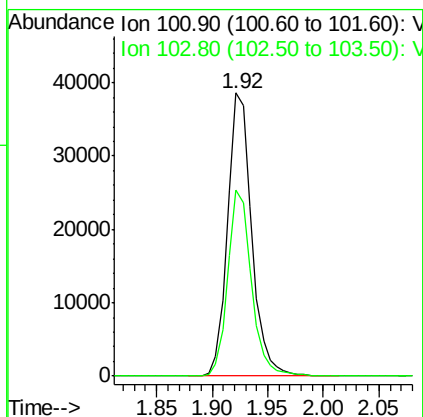
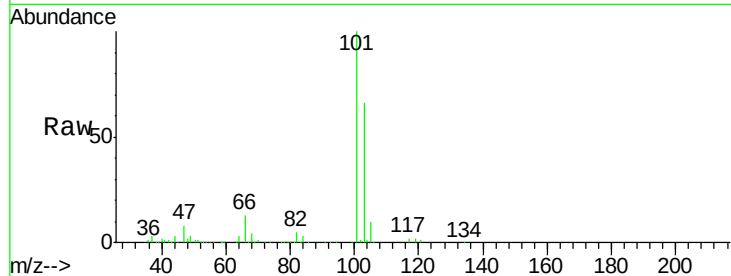


#7

Trichlorofluoromethane
 Concen: 18.484 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.01 min
 Lab File: VX009192.D
 Acq: 26 Apr 2019 16:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0426WBSD01

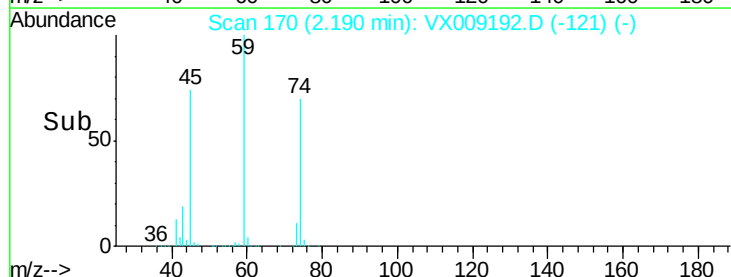
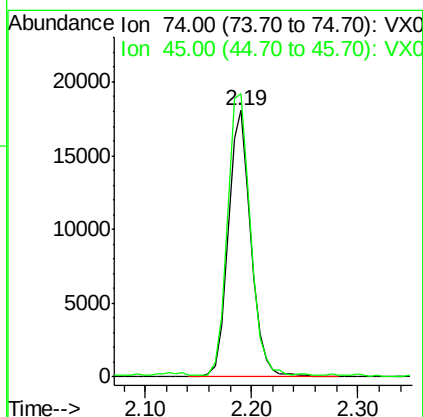
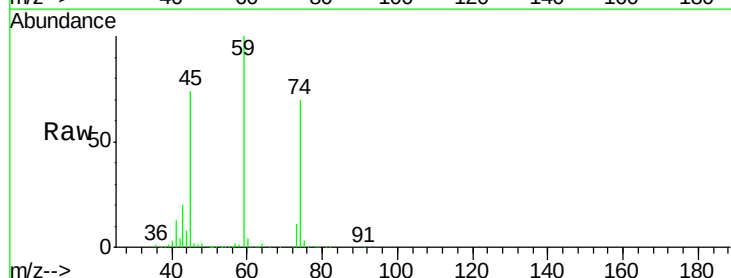
Tot Ion:101 Resp: 57916
 Ion Ratio Lower Upper
 101 100
 103 65.8 51.0 76.6

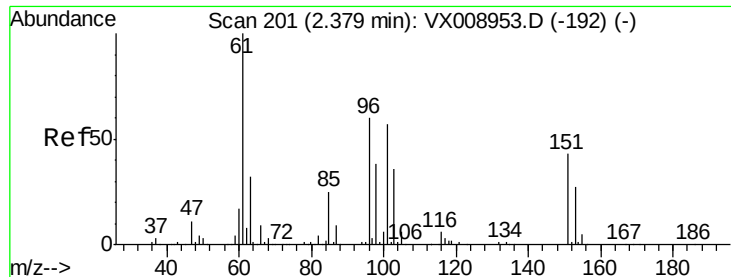


#8

Diethyl Ether
 Concen: 18.753 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX009192.D
 Acq: 26 Apr 2019 16:10

Tgt Ion: 74 Resp: 26873
 Ion Ratio Lower Upper
 74 100
 45 106.8 54.9 164.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.008 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX009192.D

Acq: 26 Apr 2019 16:10

Instrument :

MSVOA_X

ClientSampleId :

VX0426WBSD01

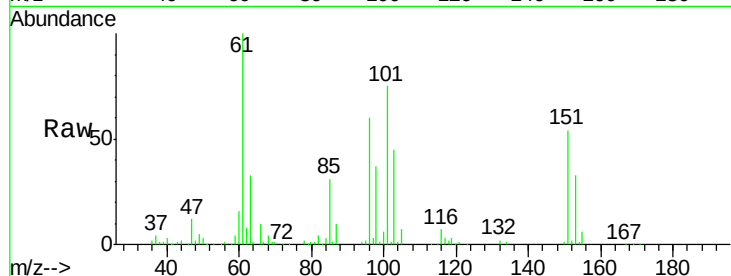
Tot Ion:101 Resp: 36077

Ion Ratio Lower Upper

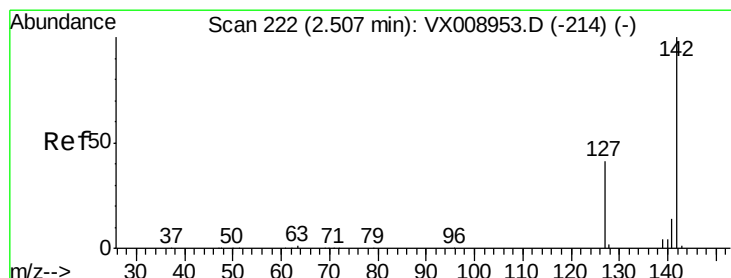
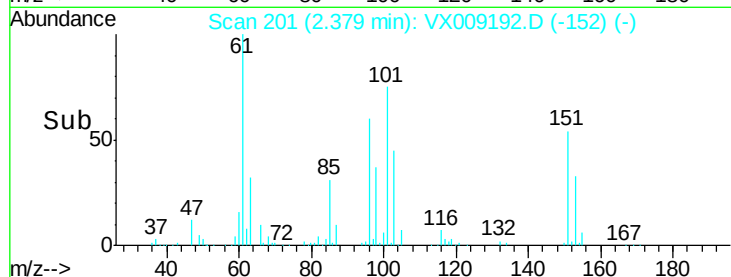
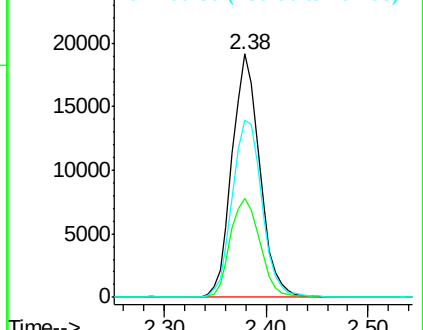
101 100

85 43.5 35.7 53.5

151 78.5 62.7 94.1



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 12.869 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX009192.D

Acq: 26 Apr 2019 16:10

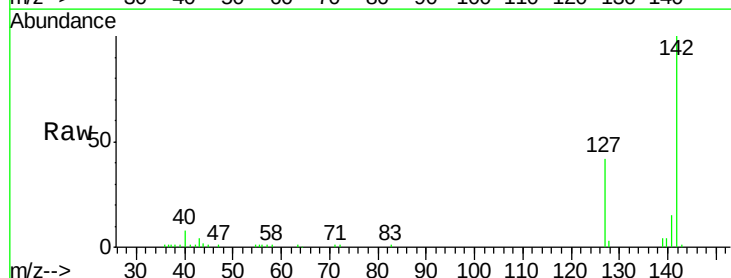
Tgt Ion:142 Resp: 20312

Ion Ratio Lower Upper

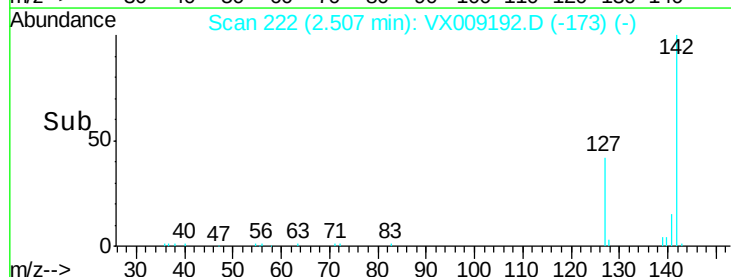
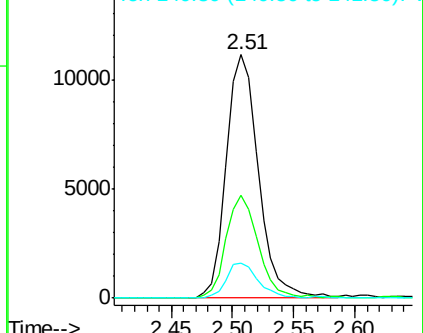
142 100

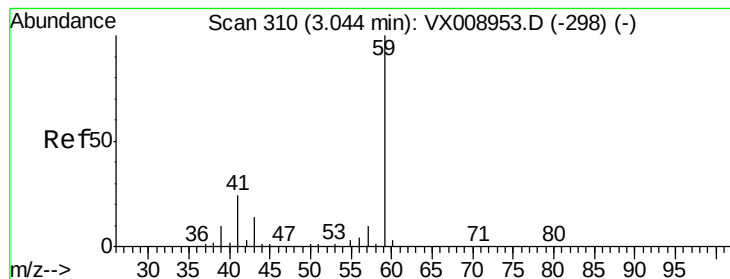
127 42.1 32.8 49.2

141 14.3 11.4 17.2



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



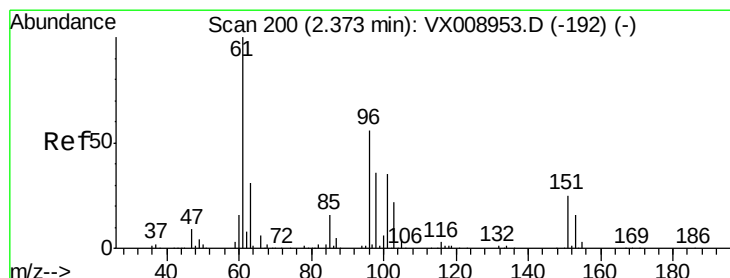
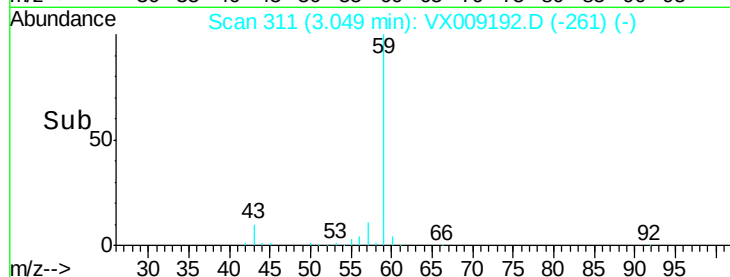
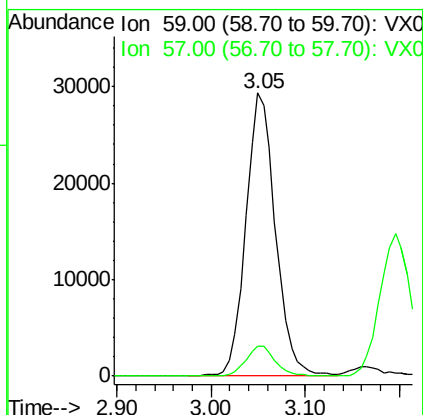
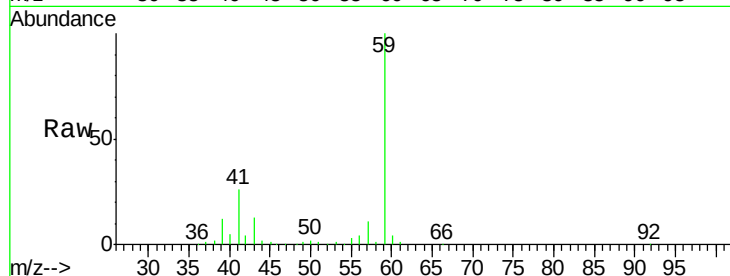


#11

Tert butyl alcohol
 Concen: 106.483 ug/l
 RT: 3.05 min Scan# 311
 Delta R.T. 0.01 min
 Lab File: VX009192.D
 Acq: 26 Apr 2019 16:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0426WBSD01

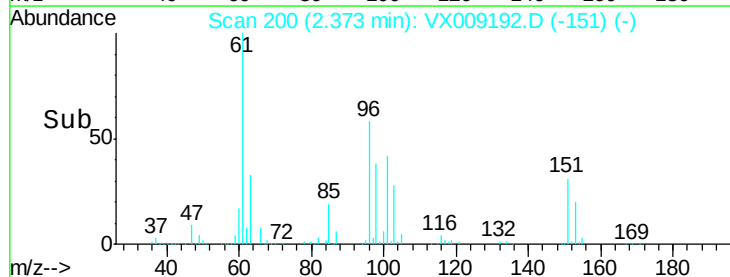
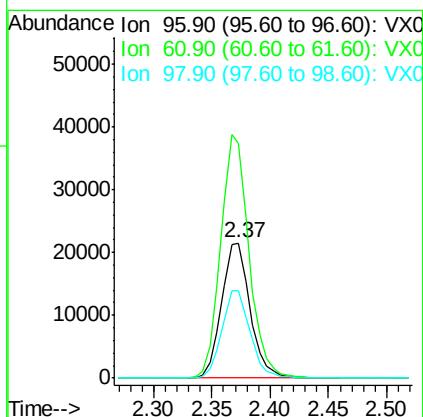
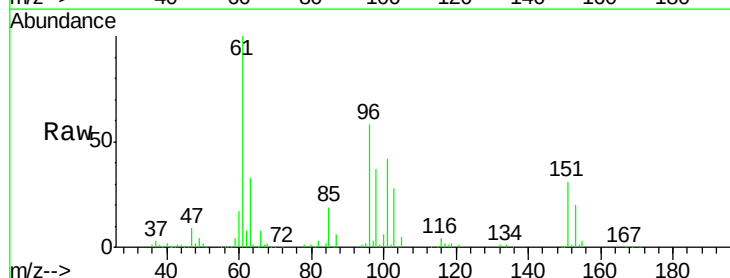
Tot Ion: 59 Resp: 64954
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.4 12.6

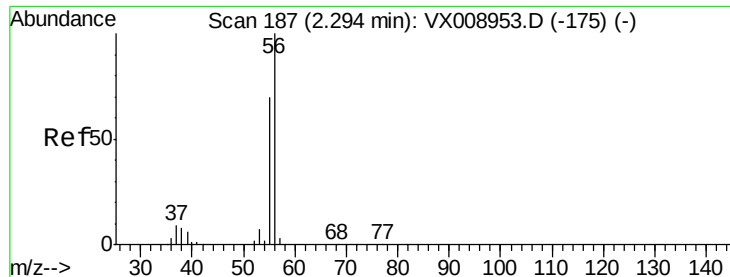


#12

1,1-Dichloroethene
 Concen: 17.469 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX009192.D
 Acq: 26 Apr 2019 16:10

Tgt Ion: 96 Resp: 36530
 Ion Ratio Lower Upper
 96 100
 61 173.3 142.2 213.2
 98 65.0 50.9 76.3





#13

Acrolein

Concen: 97.864 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX009192.D

Acq: 26 Apr 2019 16:10

Instrument :

MSVOA_X

ClientSampleId :

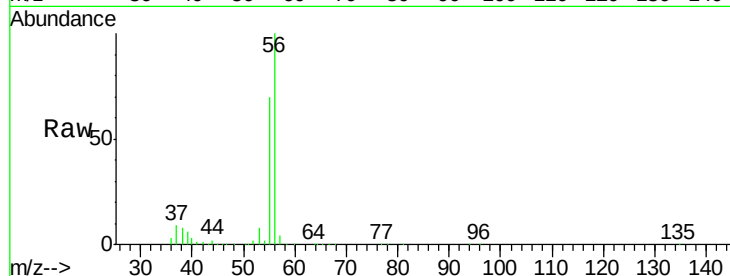
VX0426WBSD01

Tot Ion: 56 Resp: 51580

Ion Ratio Lower Upper

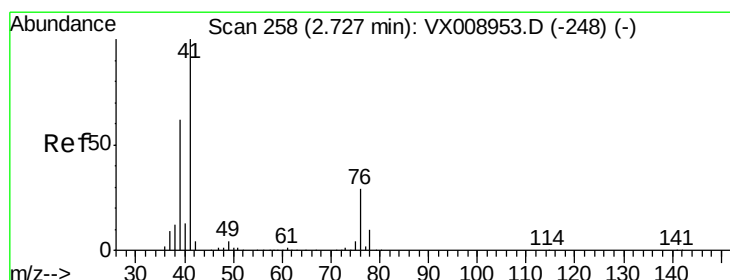
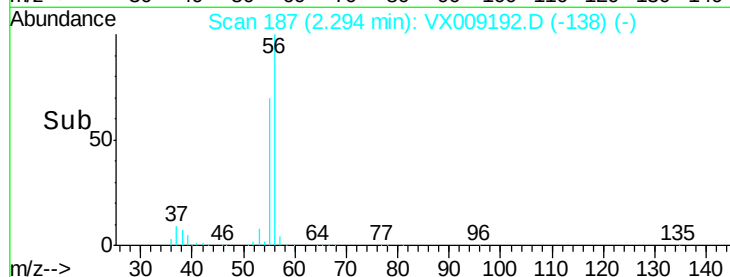
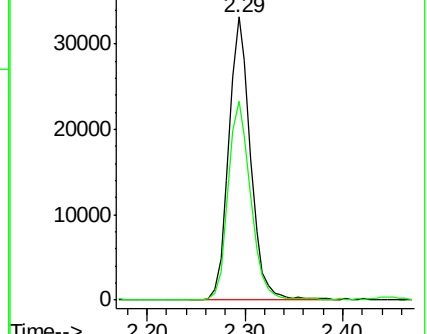
56 100

55 71.7 56.6 84.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 18.888 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX009192.D

Acq: 26 Apr 2019 16:10

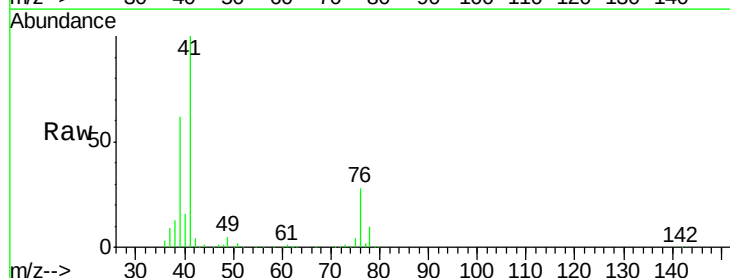
Tgt Ion: 41 Resp: 86171

Ion Ratio Lower Upper

41 100

39 59.2 46.7 70.1

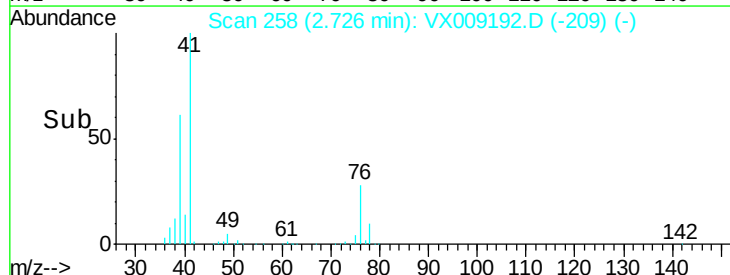
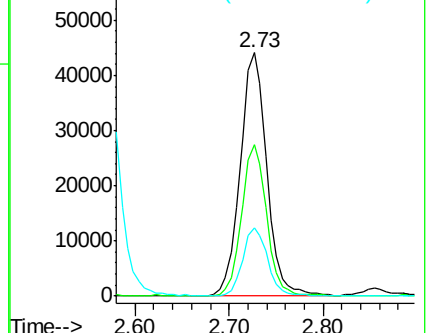
76 26.6 22.0 33.0

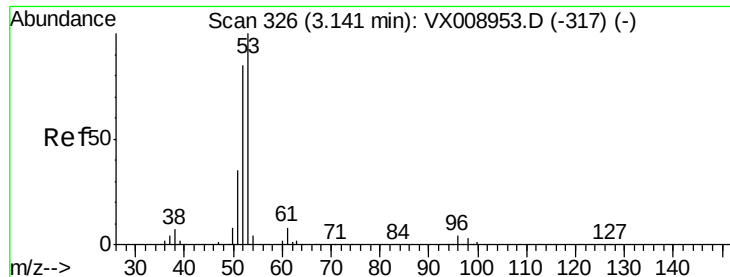


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 98.904 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX009192.D

Acq: 26 Apr 2019 16:10

Instrument :

MSVOA_X

ClientSampleId :

VX0426WBSD01

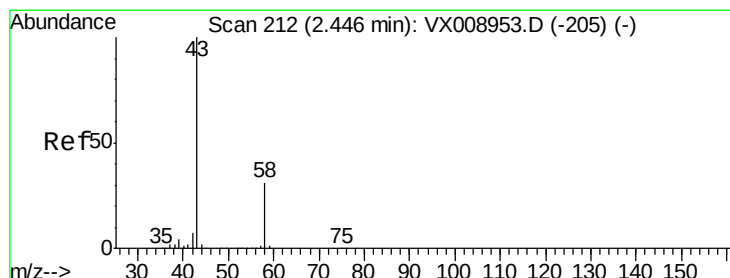
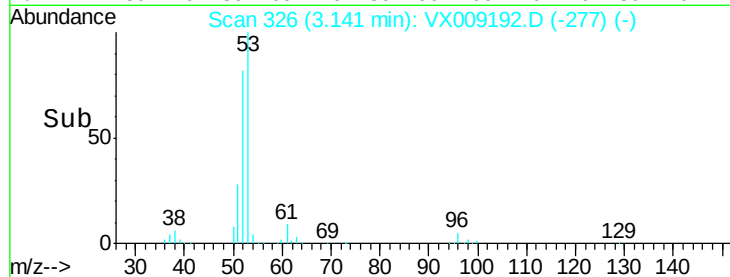
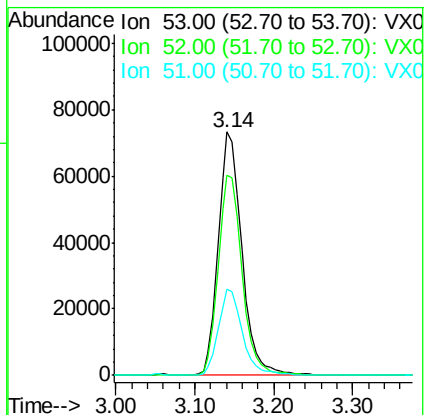
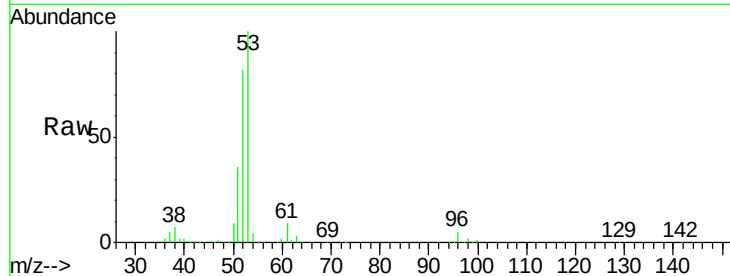
Tot Ion: 53 Resp: 153149

Ion Ratio Lower Upper

53 100

52 83.2 66.6 100.0

51 35.7 28.3 42.5



#16

Acetone

Concen: 106.197 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX009192.D

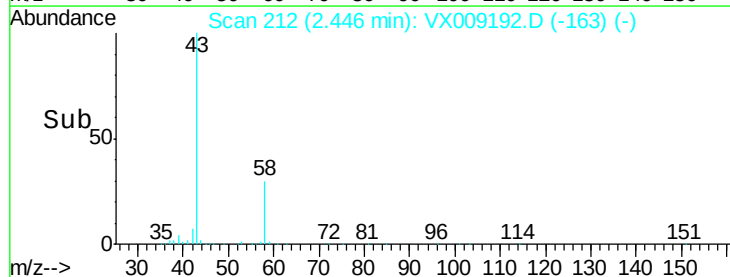
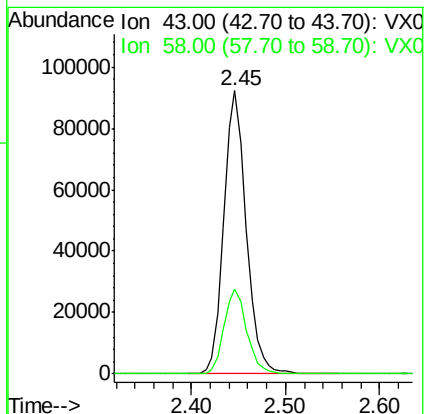
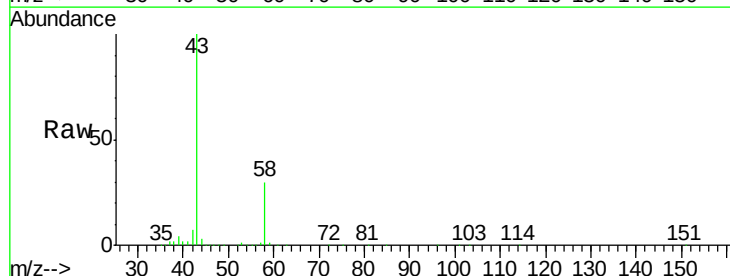
Acq: 26 Apr 2019 16:10

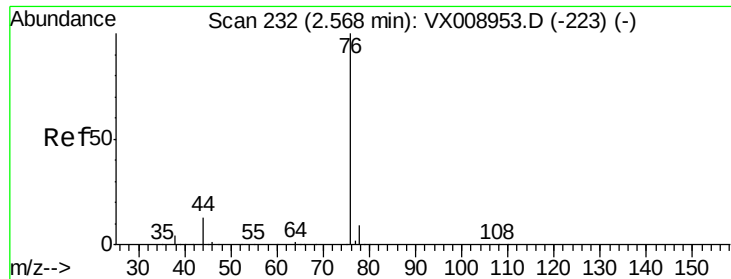
Tgt Ion: 43 Resp: 151339

Ion Ratio Lower Upper

43 100

58 29.9 24.8 37.2

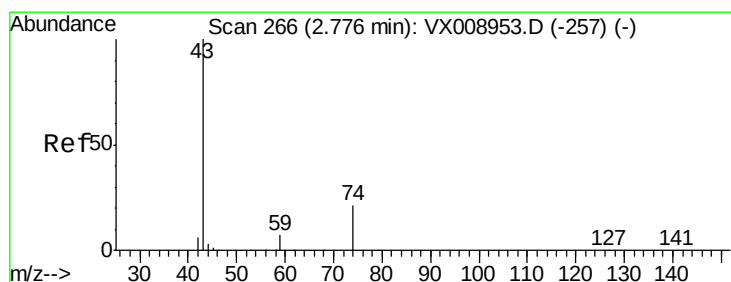
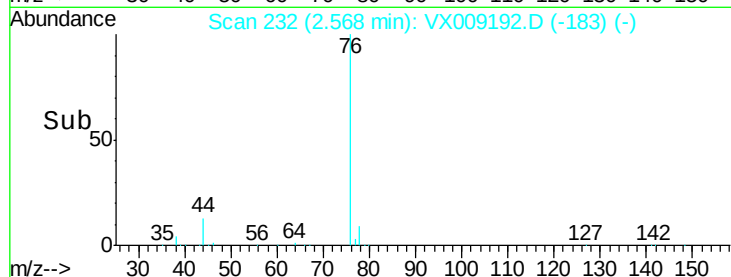
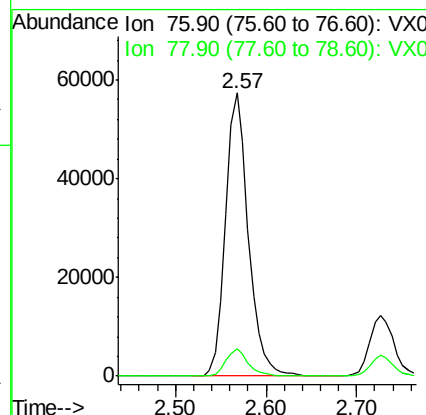
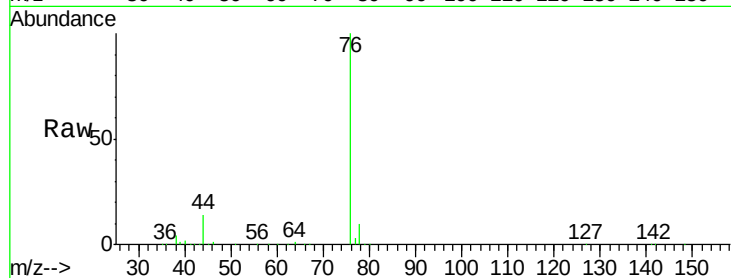




#17
Carbon Disulfide
Concen: 17.292 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX009192.D
Acq: 26 Apr 2019 16:10

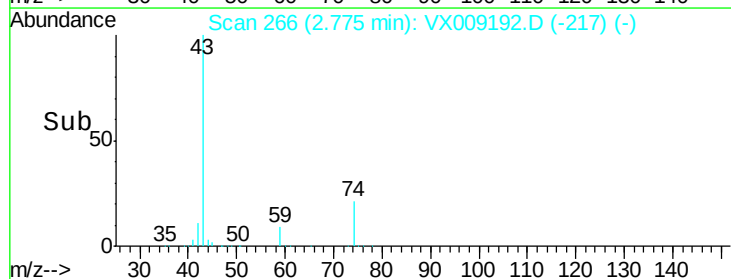
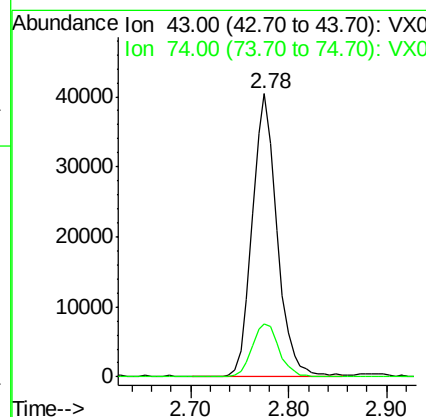
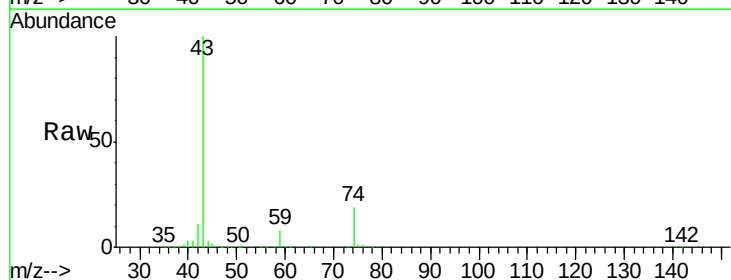
Instrument :
MSVOA_X
ClientSampleId :
VX0426WBSD01

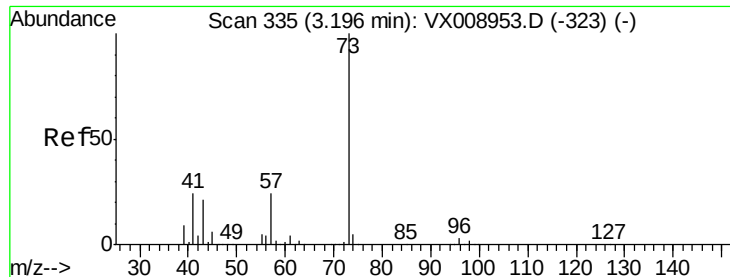
Tot Ion: 76 Resp: 101090
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8



#18
Methyl Acetate
Concen: 20.116 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX009192.D
Acq: 26 Apr 2019 16:10

Tgt Ion: 43 Resp: 71546
Ion Ratio Lower Upper
43 100
74 20.4 16.6 25.0



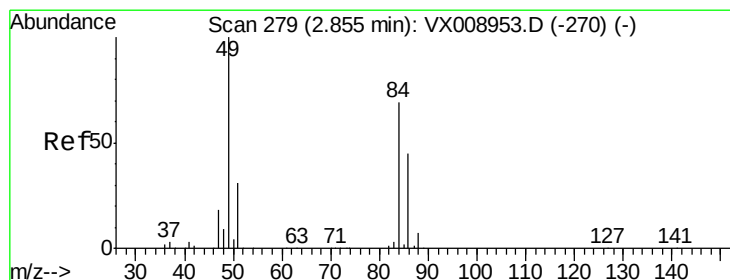
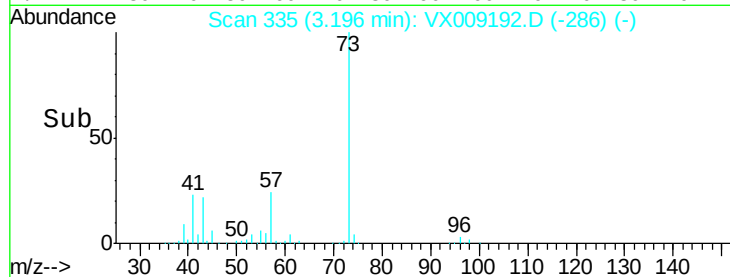
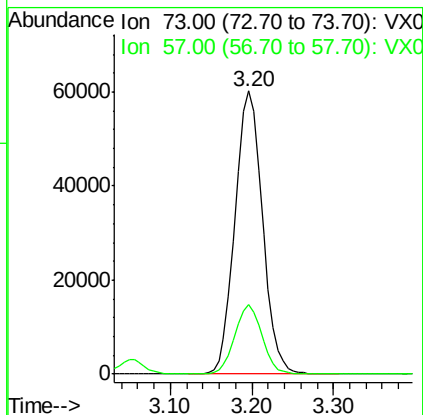
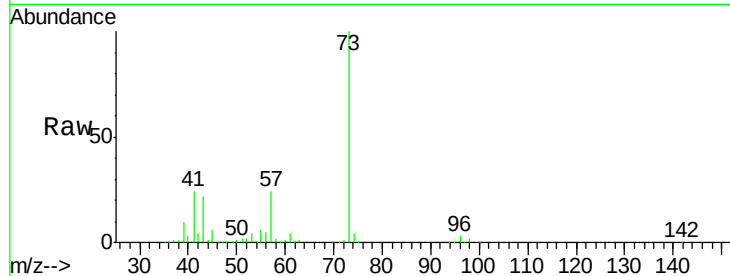


#19

Methvl tert-butvl Ether
 Concen: 18.879 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. -0.00 min
 Lab File: VX009192.D
 Acq: 26 Apr 2019 16:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0426WBSD01

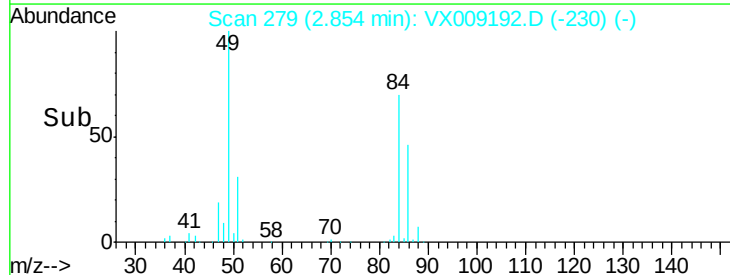
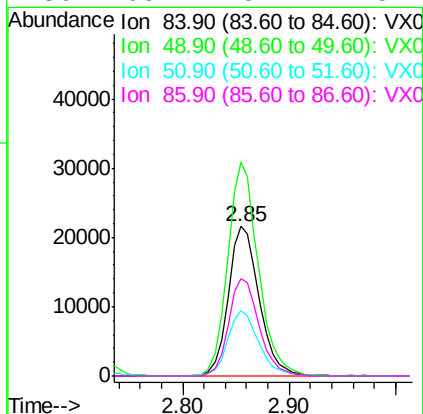
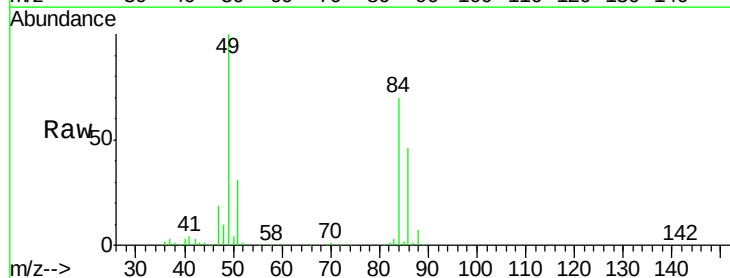
Tot Ion: 73 Resp: 140668
 Ion Ratio Lower Upper
 73 100
 57 24.5 19.2 28.8

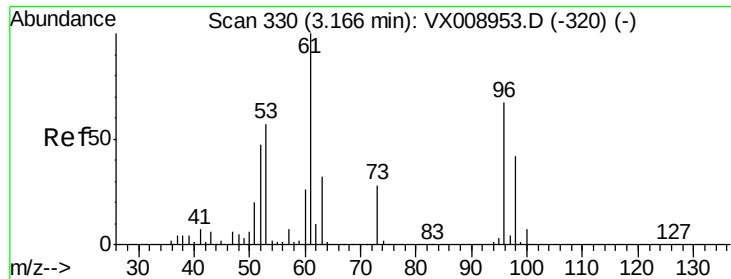


#20

Methylene Chloride
 Concen: 18.023 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX009192.D
 Acq: 26 Apr 2019 16:10

Tgt Ion: 84 Resp: 43923
 Ion Ratio Lower Upper
 84 100
 49 142.8 115.4 173.0
 51 43.3 35.8 53.6
 86 65.2 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 17.017 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX009192.D

Acq: 26 Apr 2019 16:10

Instrument :

MSVOA_X

ClientSampleId :

VX0426WBSD01

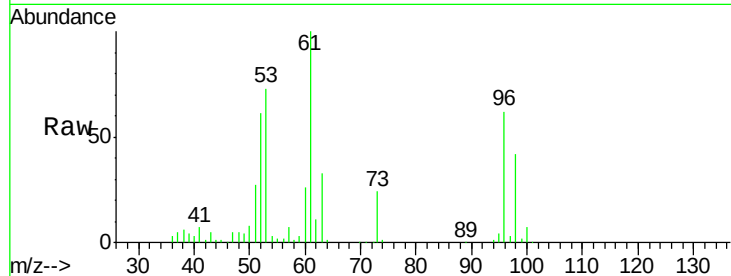
Tot Ion: 96 Resp: 37955

Ion Ratio Lower Upper

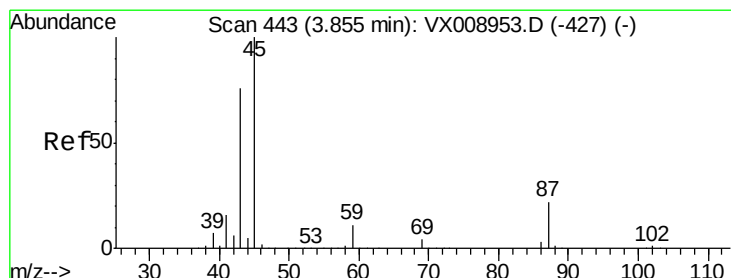
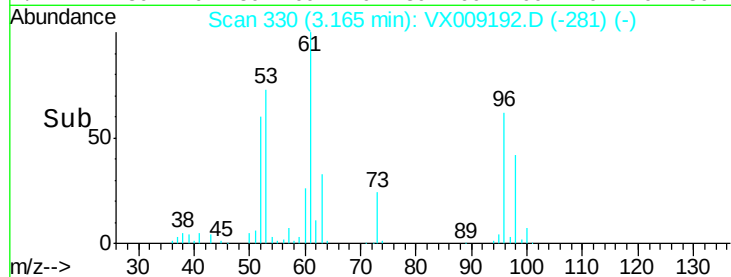
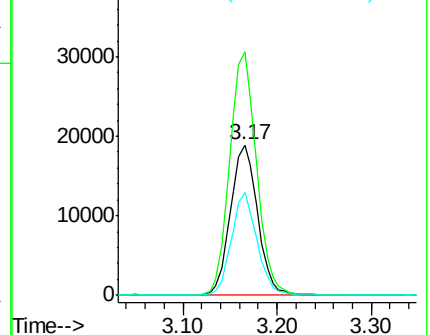
96 100

61 161.4 120.3 180.5

98 68.2 50.2 75.2



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



#22

Diisopropyl ether

Concen: 19.356 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX009192.D

Acq: 26 Apr 2019 16:10

Tgt Ion: 45 Resp: 171590

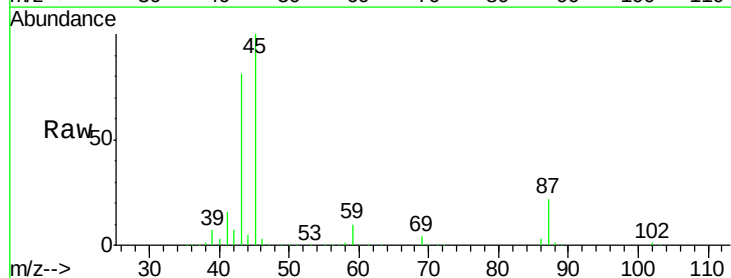
Ion Ratio Lower Upper

45 100

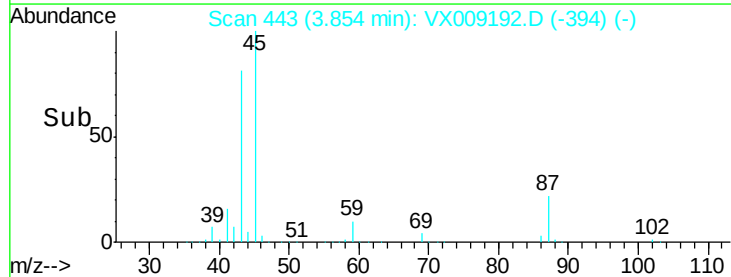
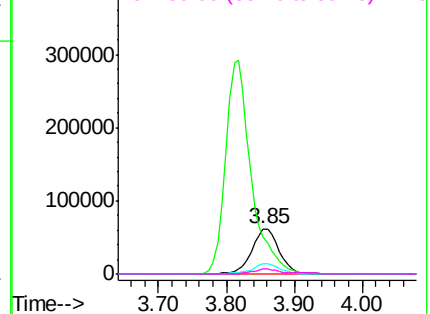
43 81.0 60.6 91.0

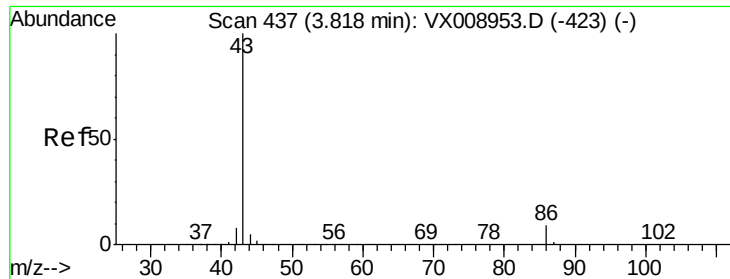
87 21.6 17.8 26.8

59 9.9 8.7 13.1



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: 97.697 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX009192.D

Acq: 26 Apr 2019 16:10

Instrument :

MSVOA_X

ClientSampleId :

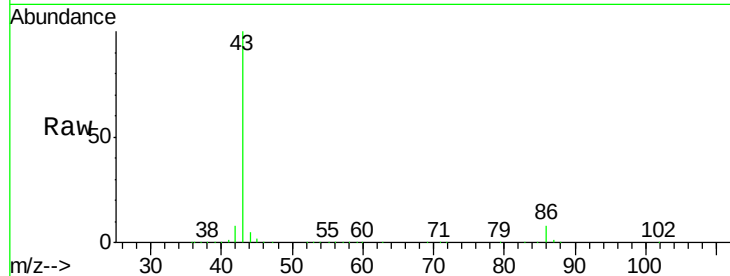
VX0426WBSD01

Tot Ion: 43 Resp: 761323

Ion Ratio Lower Upper

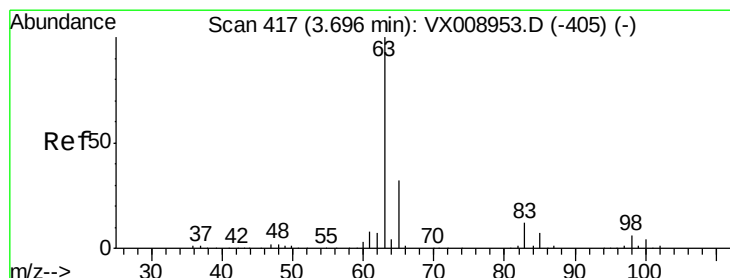
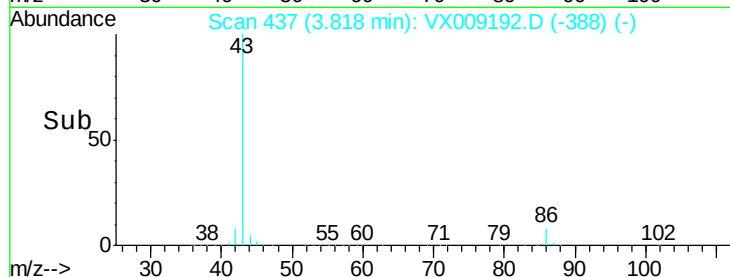
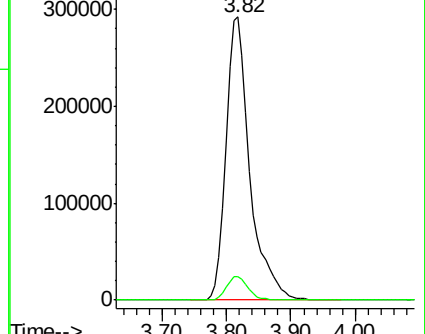
43 100

86 8.4 7.1 10.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 18.277 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX009192.D

Acq: 26 Apr 2019 16:10

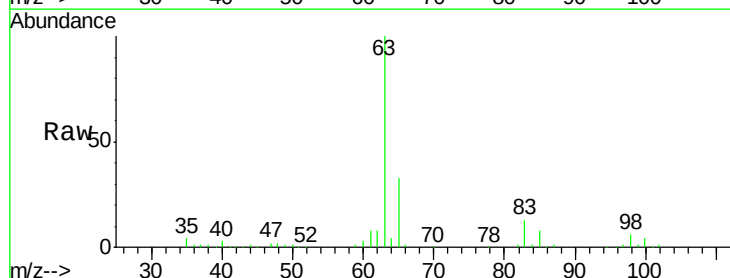
Tgt Ion: 63 Resp: 81335

Ion Ratio Lower Upper

63 100

98 6.3 3.1 9.3

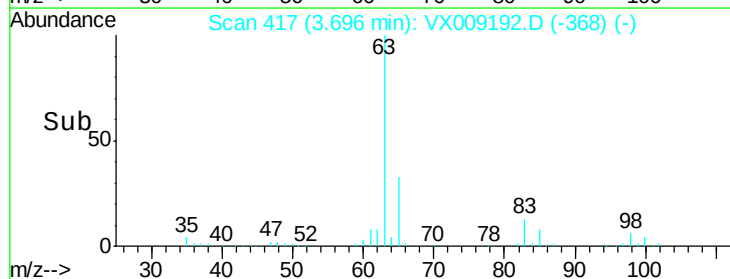
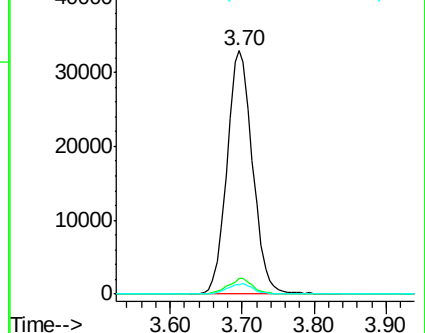
100 4.0 1.9 5.7

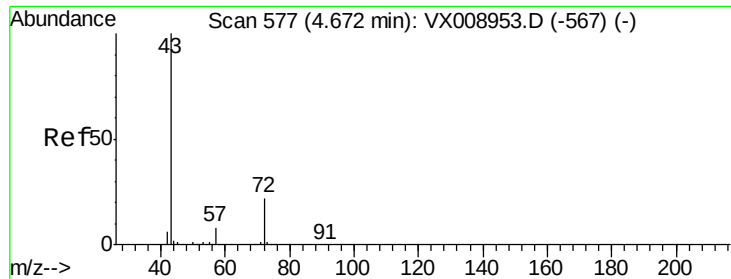


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 104.748 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX009192.D

Acq: 26 Apr 2019 16:10

Instrument :

MSVOA_X

ClientSampleId :

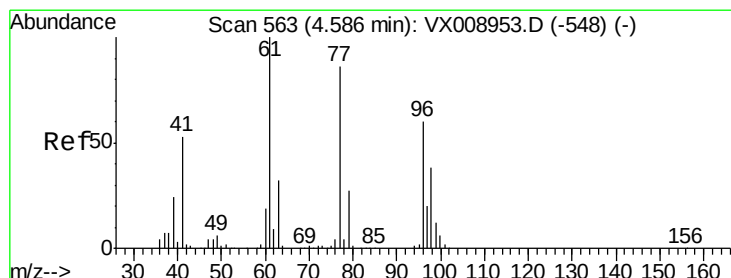
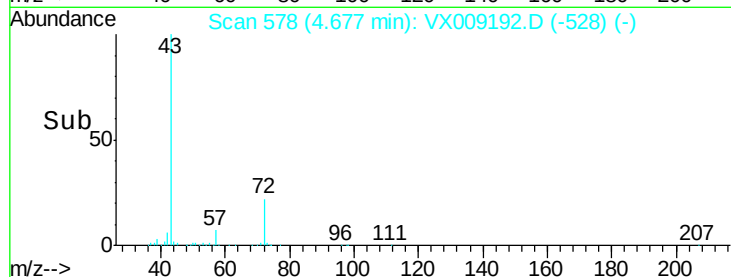
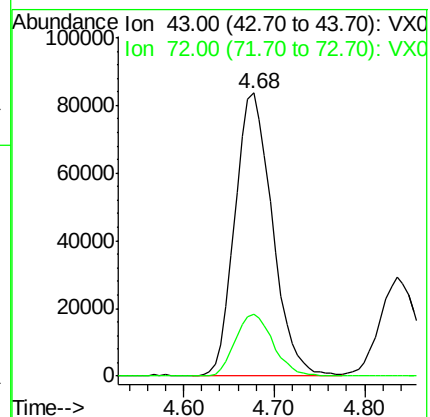
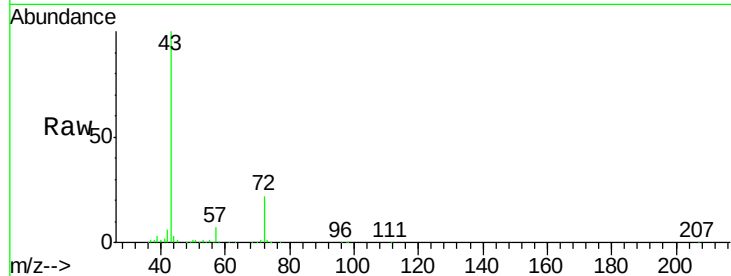
VX0426WBSD01

Tot Ion: 43 Resp: 238605

Ion Ratio Lower Upper

43 100

72 21.8 17.5 26.3



#26

2,2-Dichloropropane

Concen: 18.114 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX009192.D

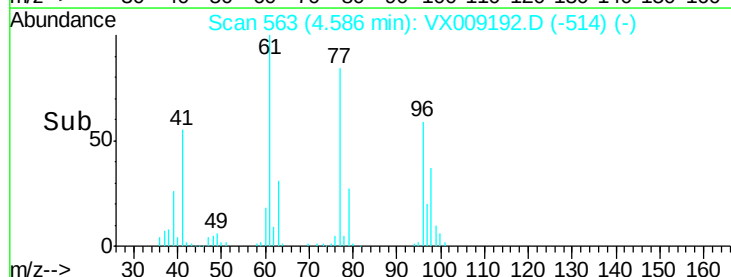
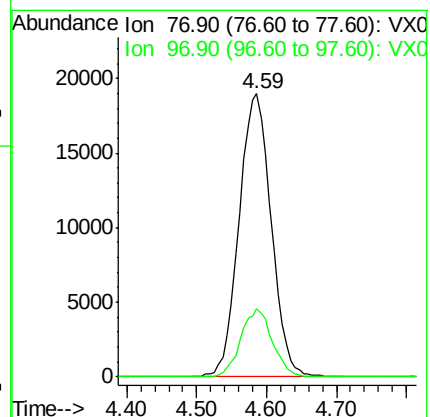
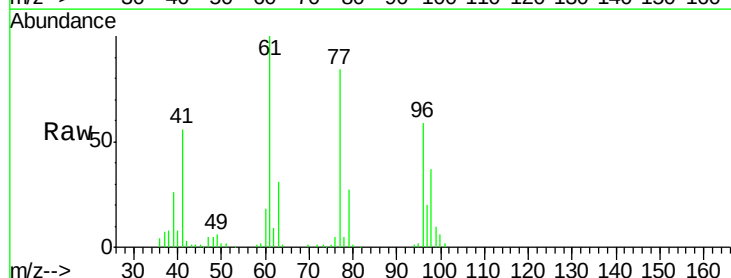
Acq: 26 Apr 2019 16:10

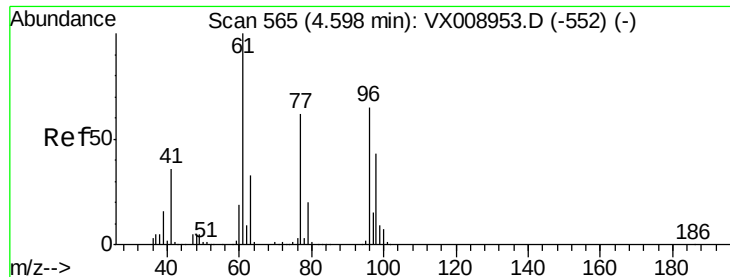
Tgt Ion: 77 Resp: 60423

Ion Ratio Lower Upper

77 100

97 23.5 11.7 35.0



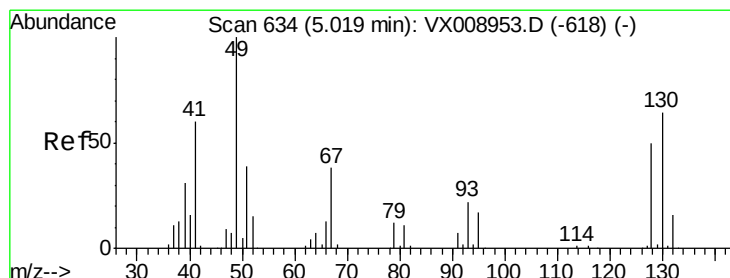
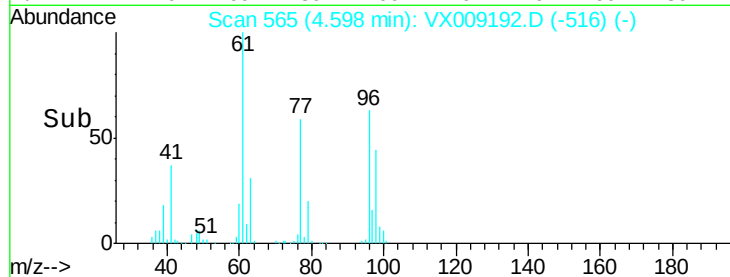
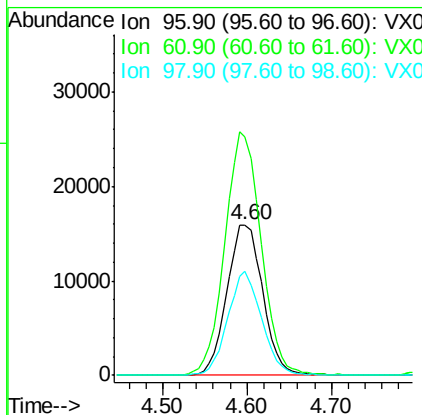
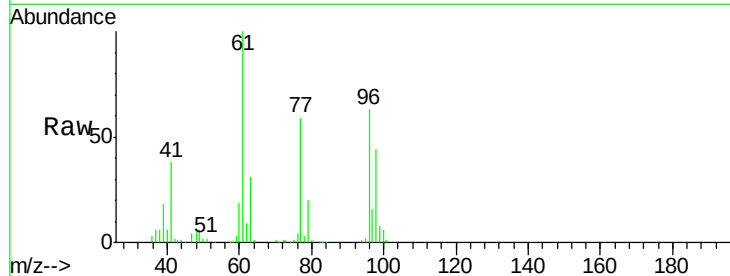


#27

cis-1,2-Dichloroethene
 Concen: 18.095 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX009192.D
 Acq: 26 Apr 2019 16:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0426WBSD01

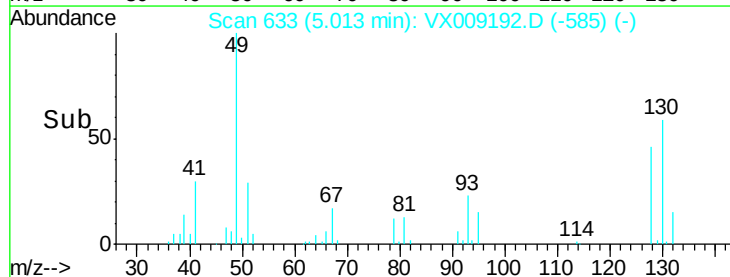
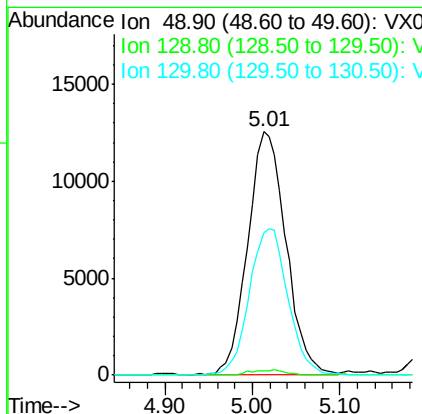
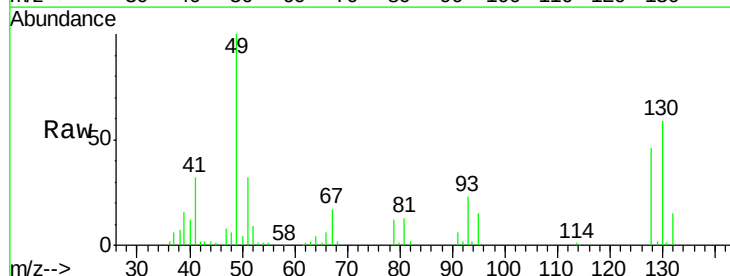
Tot Ion	Ratio	Lower	Upper
96	100		
61	165.0	0.0	322.0
98	65.2	0.0	128.4

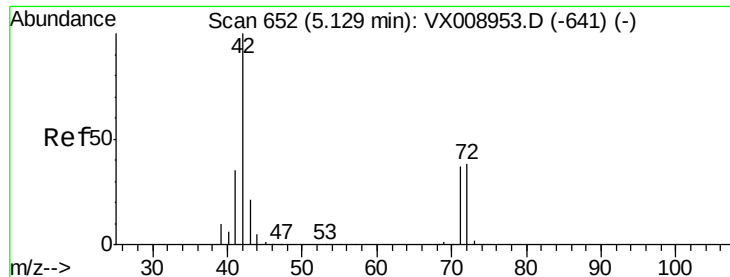


#28

Bromochloromethane
 Concen: 19.551 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: VX009192.D
 Acq: 26 Apr 2019 16:10

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.6
130	60.6	50.4	75.6

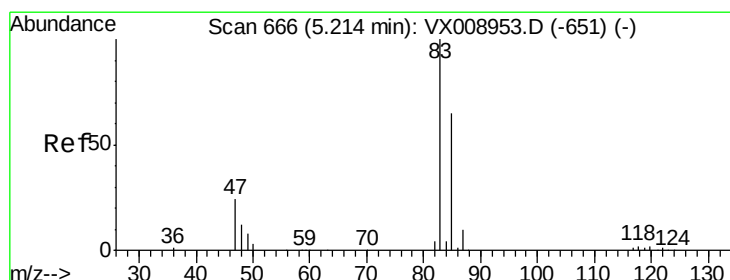
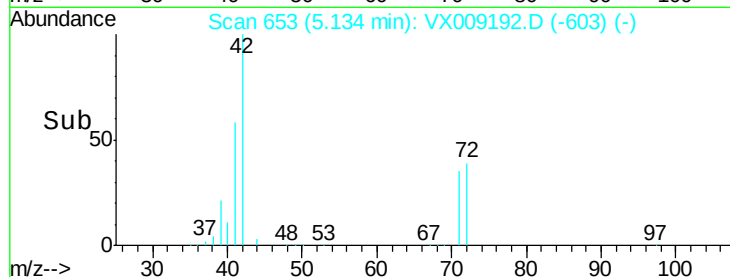
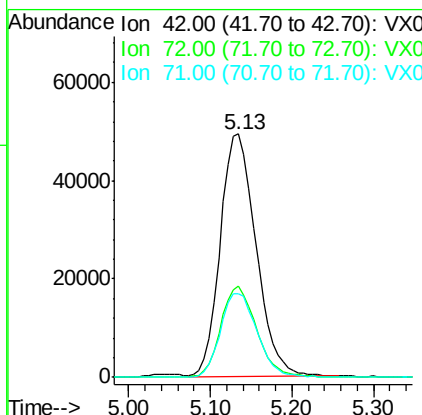
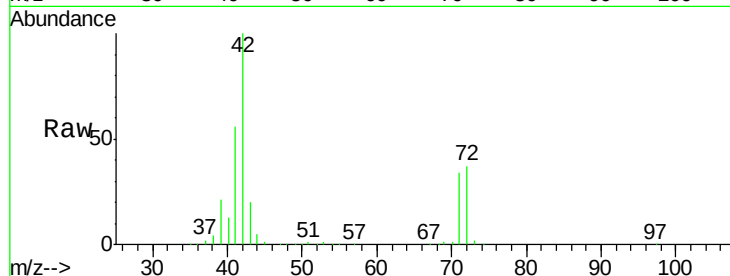




#29
Tetrahydrofuran
Concen: 98.655 ug/l
RT: 5.13 min Scan# 653
Delta R.T. 0.01 min
Lab File: VX009192.D
Acq: 26 Apr 2019 16:10

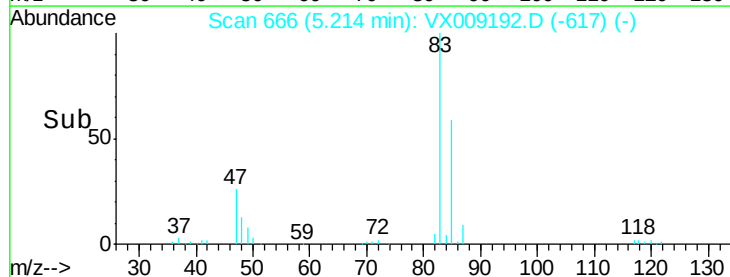
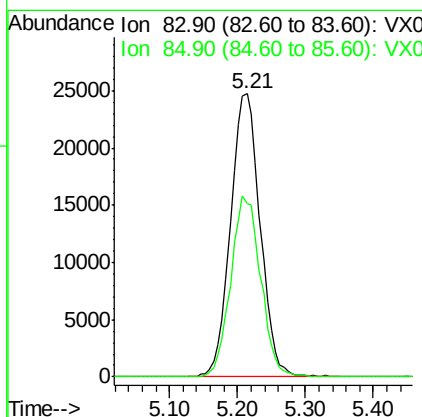
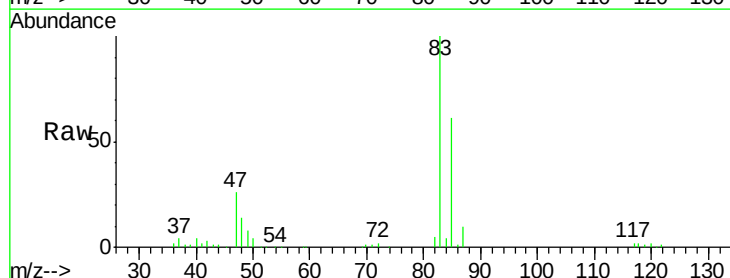
Instrument :
MSVOA_X
ClientSampleId :
VX0426WBSD01

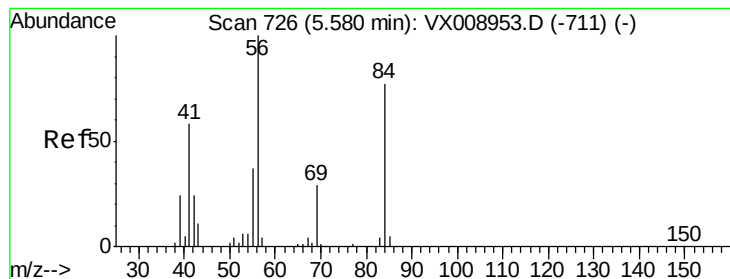
Tot Ion: 42 Resp: 150413
Ion Ratio Lower Upper
42 100
72 37.7 30.6 45.8
71 35.6 28.8 43.2



#30
Chloroform
Concen: 18.754 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX009192.D
Acq: 26 Apr 2019 16:10

Tgt Ion: 83 Resp: 74681
Ion Ratio Lower Upper
83 100
85 61.4 51.9 77.9





#31

Cyclohexane

Concen: 17.852 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX009192.D

Acq: 26 Apr 2019 16:10

Instrument :

MSVOA_X

ClientSampleId :

VX0426WBSD01

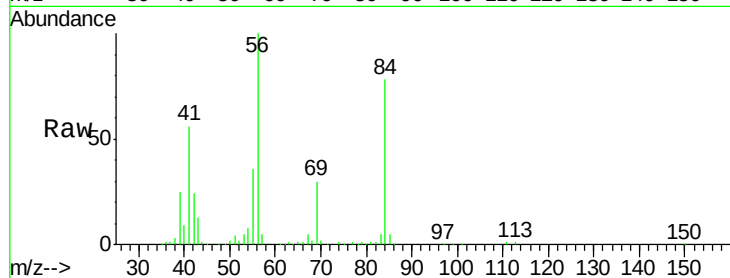
Tot Ion: 56 Resp: 78136

Ion Ratio Lower Upper

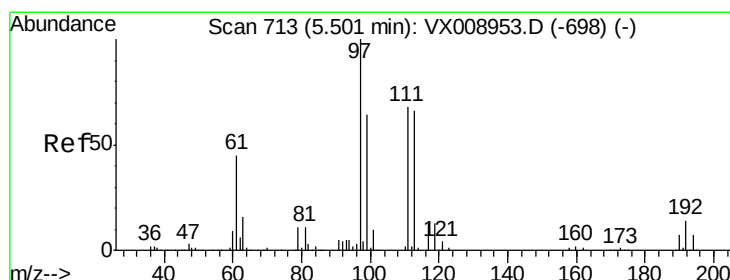
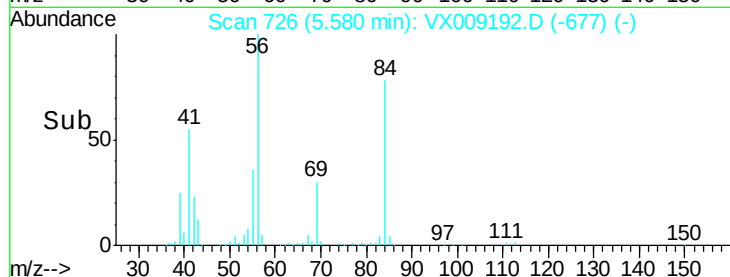
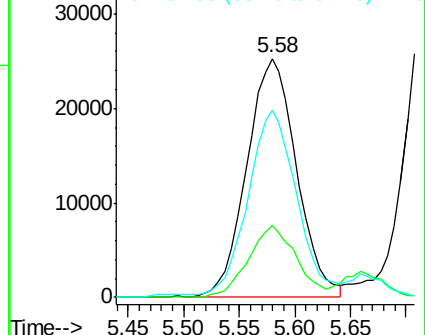
56 100

69 29.9 23.3 34.9

84 77.1 61.7 92.5



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 18.540 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX009192.D

Acq: 26 Apr 2019 16:10

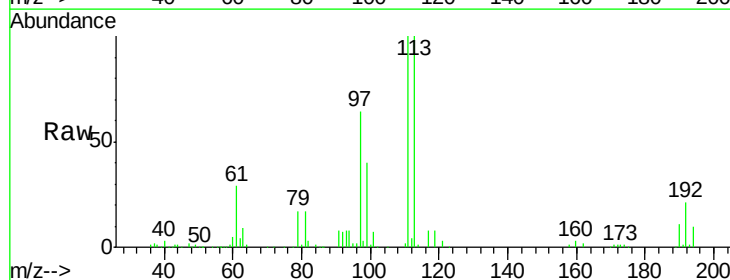
Tgt Ion: 97 Resp: 61192

Ion Ratio Lower Upper

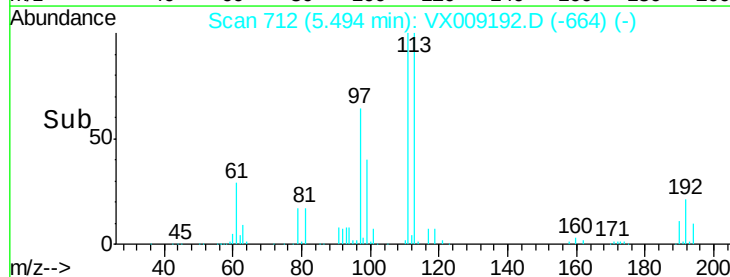
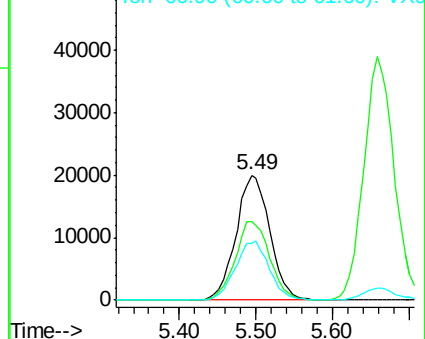
97 100

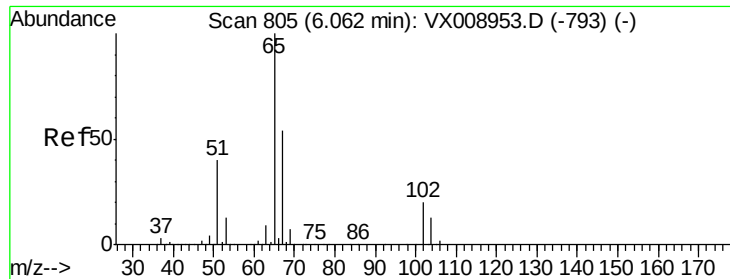
99 63.9 51.6 77.4

61 47.7 37.9 56.9



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

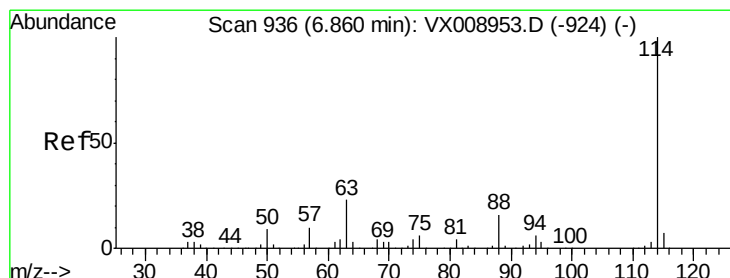
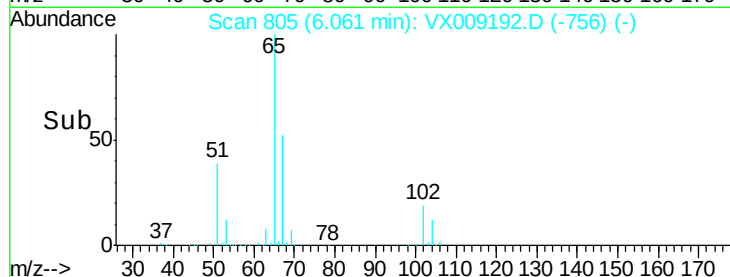
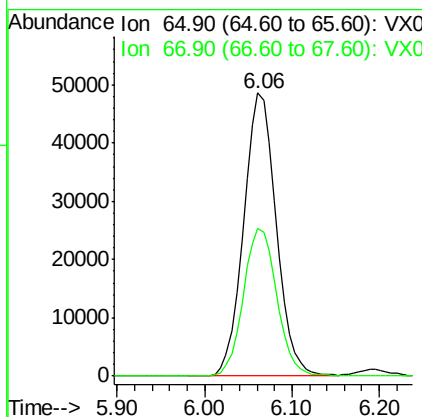
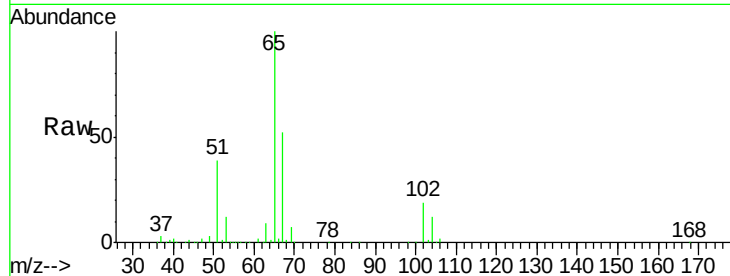




#33
 1,2-Dichloroethane-d4
 Concen: 45.822 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX009192.D
 Acq: 26 Apr 2019 16:10

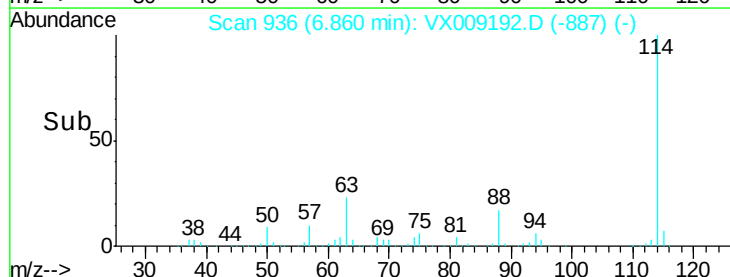
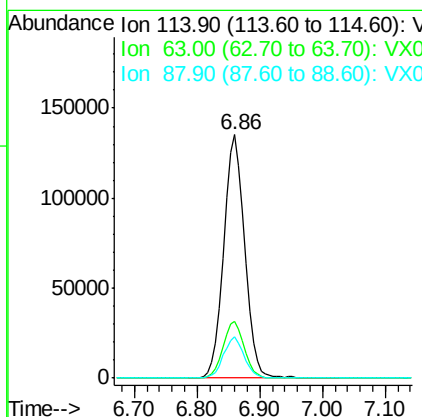
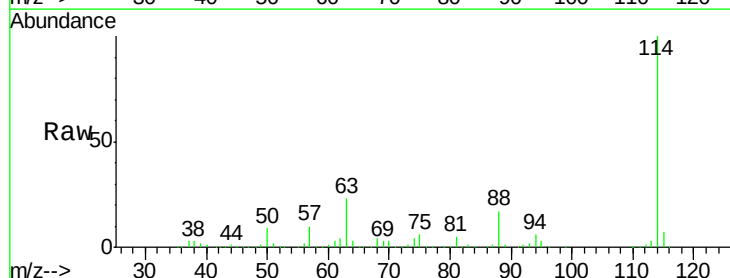
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0426WBSD01

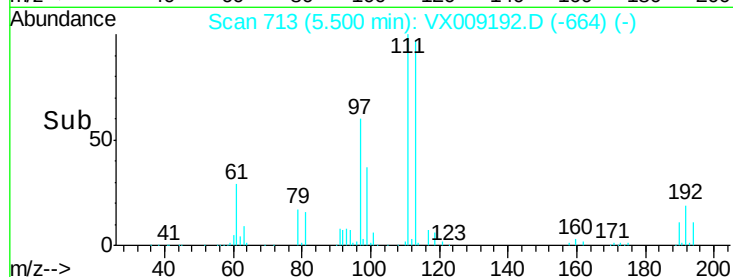
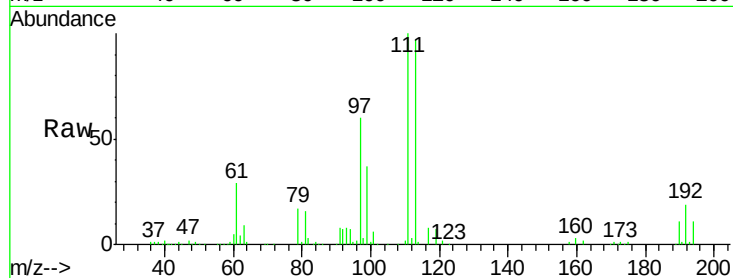
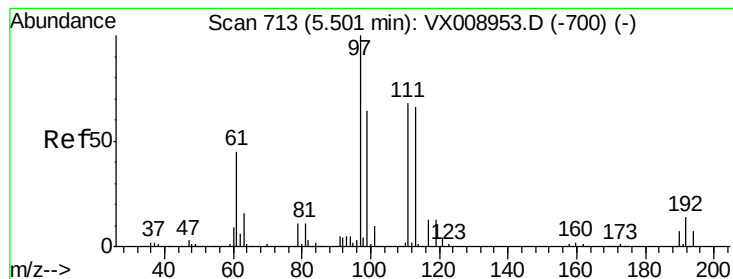
Tot Ion: 65 Resp: 125920
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009192.D
 Acq: 26 Apr 2019 16:10

Tgt Ion: 114 Resp: 313128
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 46.0
 88 16.9 0.0 32.6





#35

Dibromofluoromethane

Concen: 46.278 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX009192.D

Acq: 26 Apr 2019 16:10

Instrument :

MSVOA_X

ClientSampleId :

VX0426WBSD01

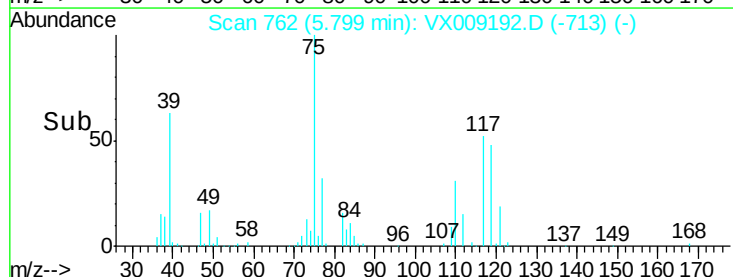
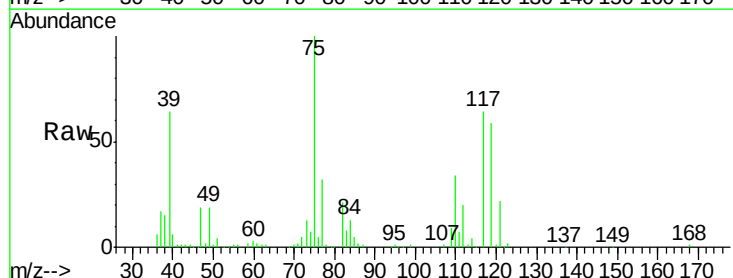
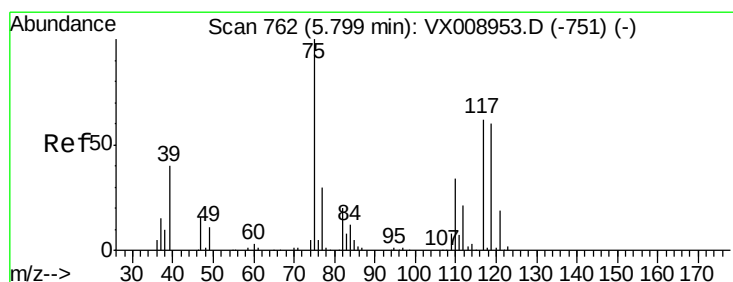
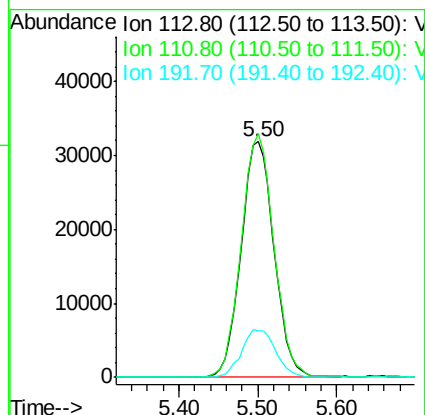
Tot Ion:113 Resp: 92999

Ion Ratio Lower Upper

113 100

111 102.4 82.9 124.3

192 20.8 17.4 26.0



#36

1,1-Dichloropropene

Concen: 17.073 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX009192.D

Acq: 26 Apr 2019 16:10

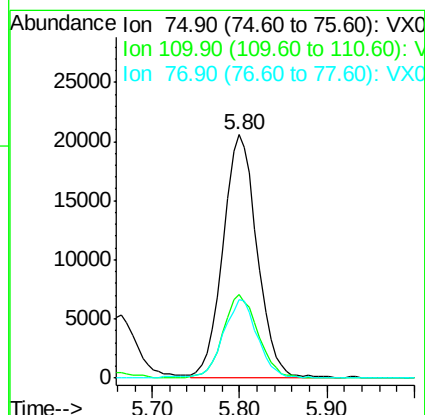
Tgt Ion: 75 Resp: 55289

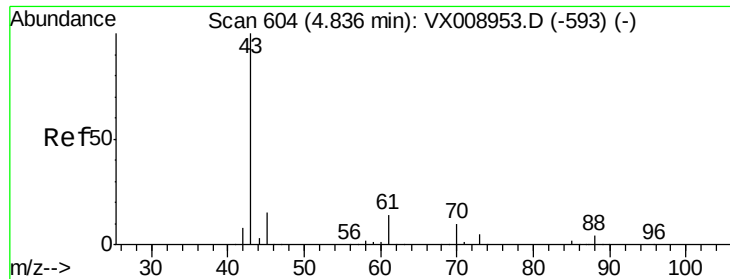
Ion Ratio Lower Upper

75 100

110 35.3 16.9 50.7

77 32.8 25.0 37.4

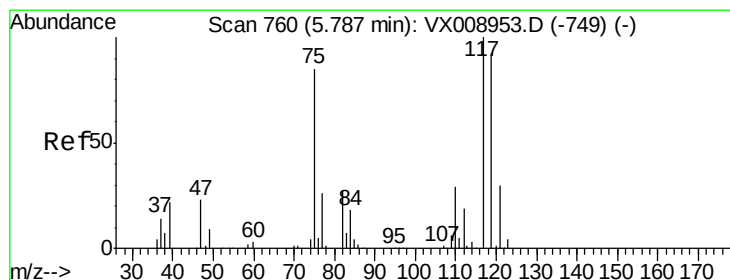
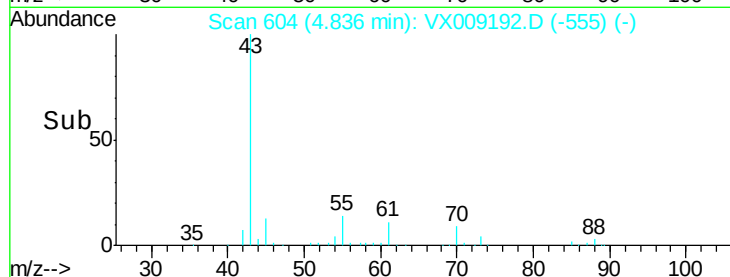
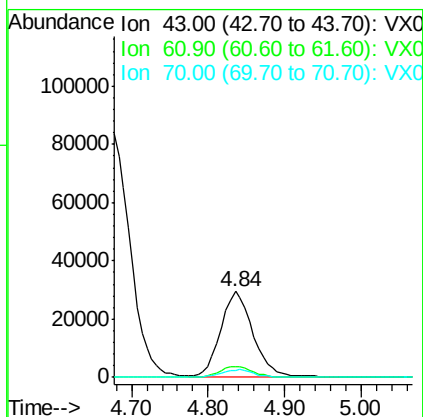
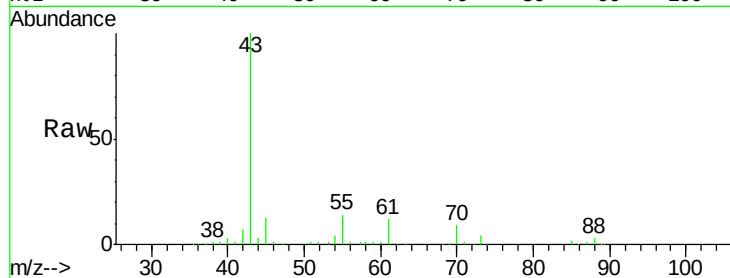




#37
Ethyl Acetate
Concen: 20.434 ug/l
RT: 4.84 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX009192.D
Acq: 26 Apr 2019 16:10

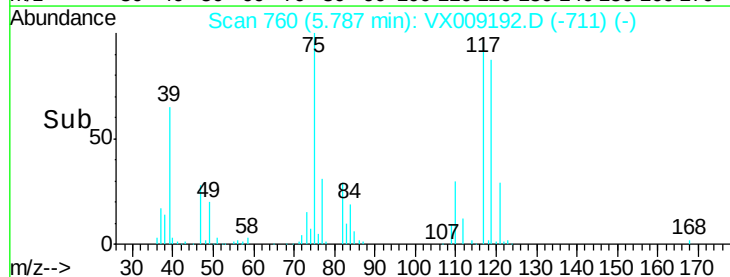
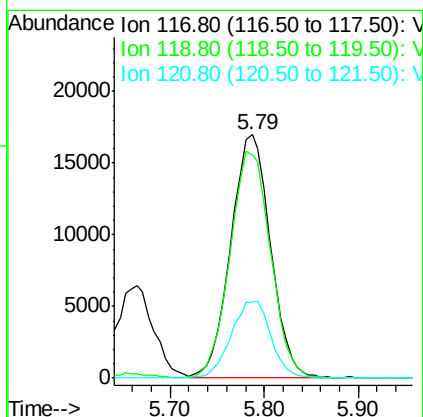
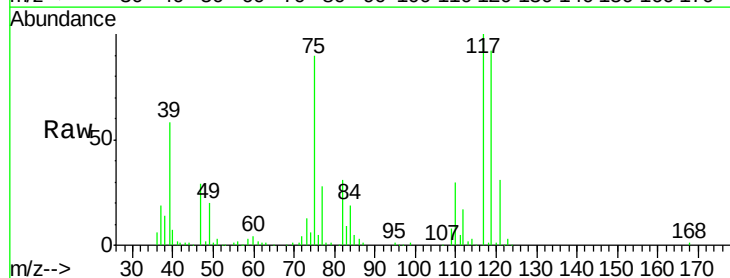
Instrument :
MSVOA_X
ClientSampled :
VX0426WBSD01

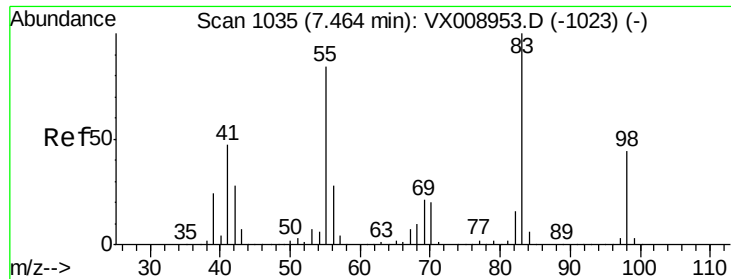
Tot Ion: 43 Resp: 85151
Ion Ratio Lower Upper
43 100
61 13.1 10.6 15.8
70 9.6 7.7 11.5



#38
Carbon Tetrachloride
Concen: 18.169 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX009192.D
Acq: 26 Apr 2019 16:10

Tgt Ion: 117 Resp: 49883
Ion Ratio Lower Upper
117 100
119 91.8 73.8 110.8
121 31.2 23.6 35.4

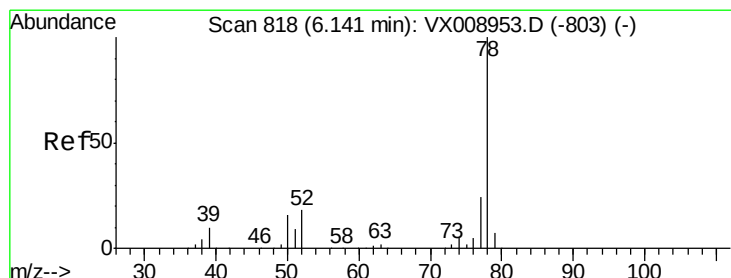
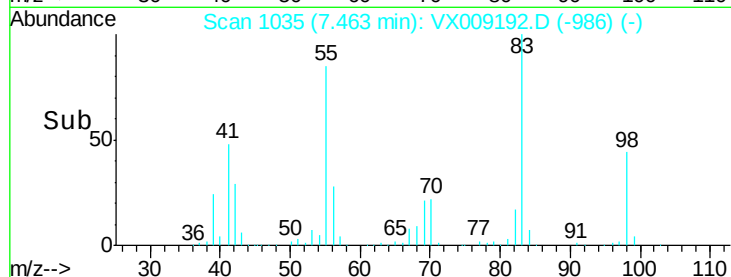
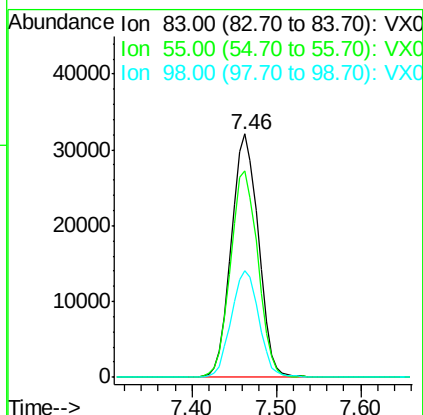
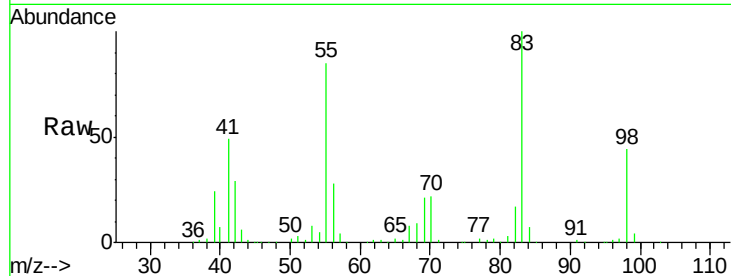




#39
Methylvlcyclohexane
Concen: 17.797 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX009192.D
Acq: 26 Apr 2019 16:10

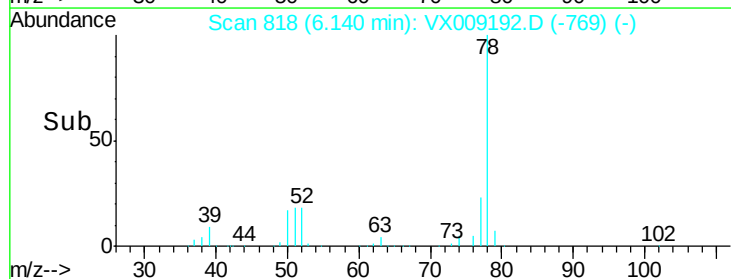
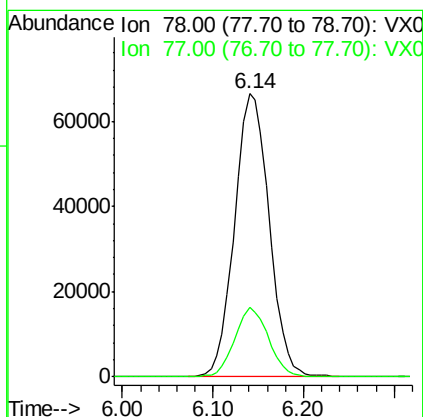
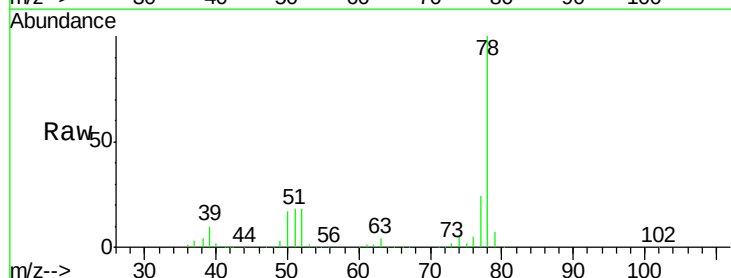
Instrument :
MSVOA_X
ClientSampleId :
VX0426WBSD01

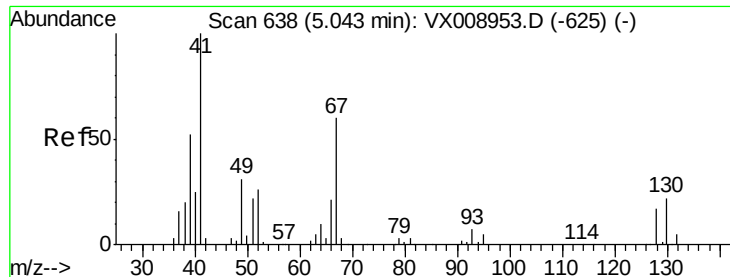
Tot Ion: 83 Resp: 70171
Ion Ratio Lower Upper
83 100
55 84.9 67.1 100.7
98 43.9 35.1 52.7



#40
Benzene
Concen: 18.423 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX009192.D
Acq: 26 Apr 2019 16:10

Tgt Ion: 78 Resp: 176010
Ion Ratio Lower Upper
78 100
77 24.4 19.0 28.6





#41

Methacrylonitrile

Concen: 19.800 ug/l

RT: 5.05 min Scan# 639

Delta R.T. 0.01 min

Lab File: VX009192.D

Acq: 26 Apr 2019 16:10

Instrument :

MSVOA_X

ClientSampleId :

VX0426WBSD01

Tot Ion: 41 Resp: 47355

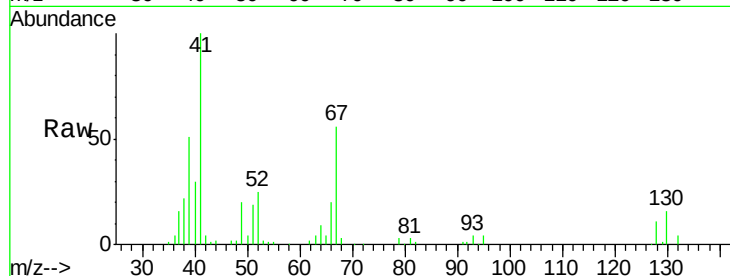
Ion Ratio Lower Upper

41 100

39 54.4 41.8 62.6

67 62.4 50.2 75.4

52 27.6 21.1 31.7

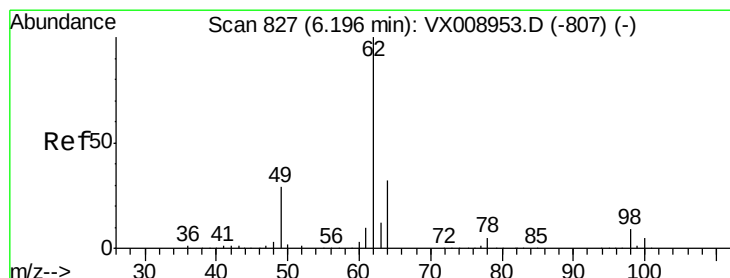
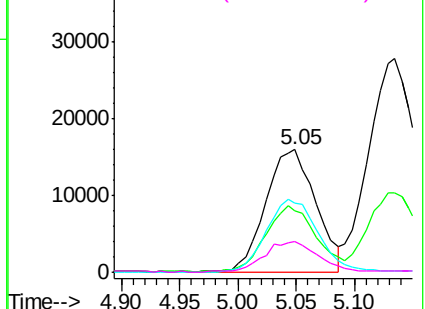
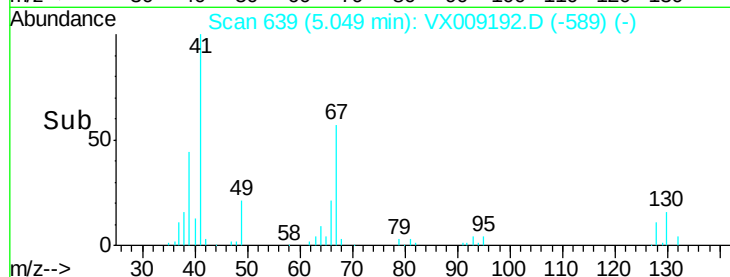


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 18.878 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.01 min

Lab File: VX009192.D

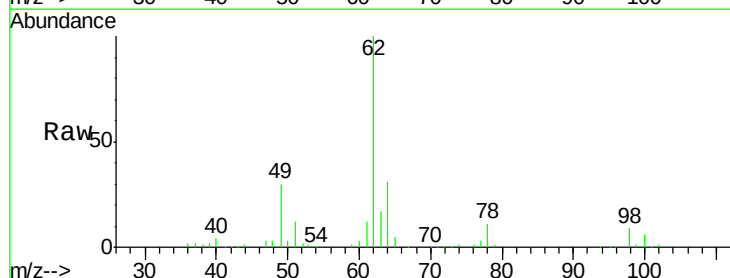
Acq: 26 Apr 2019 16:10

Tgt Ion: 62 Resp: 63888

Ion Ratio Lower Upper

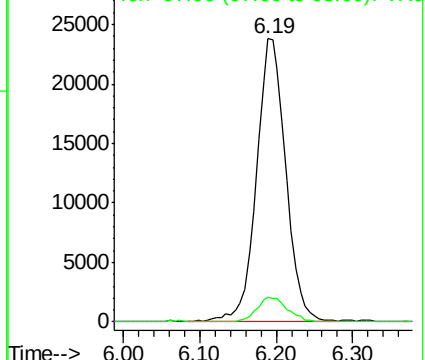
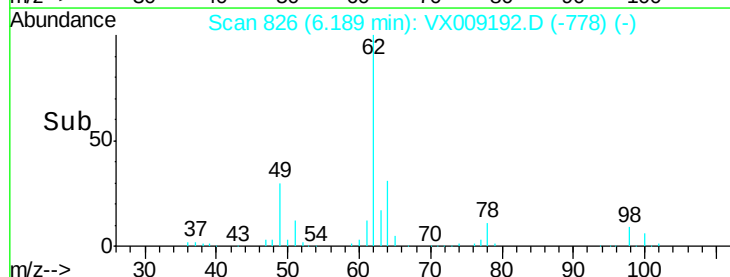
62 100

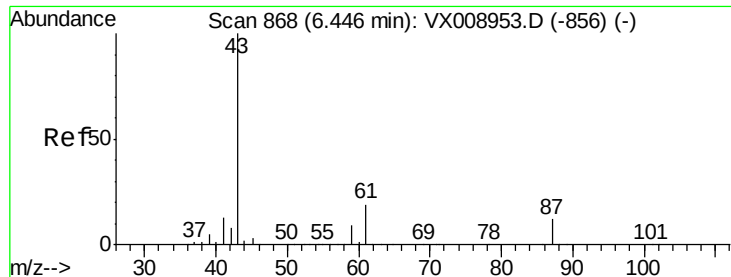
98 9.0 0.0 18.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.358 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX009192.D

Acq: 26 Apr 2019 16:10

Instrument :

MSVOA_X

ClientSampled :

VX0426WBSD01

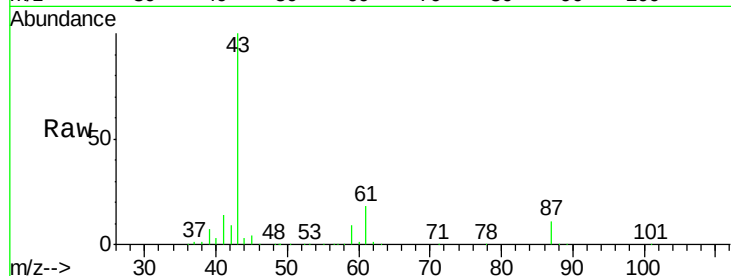
Tot Ion: 43 Resp: 129994

Ion Ratio Lower Upper

43 100

61 19.2 15.4 23.0

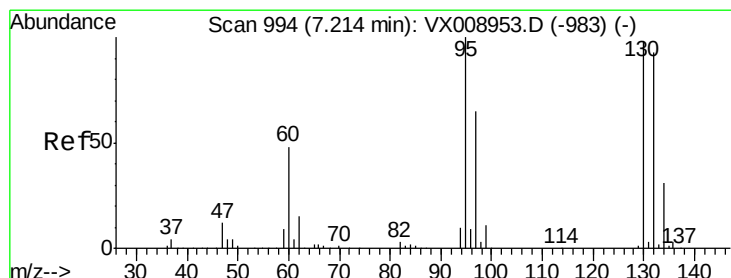
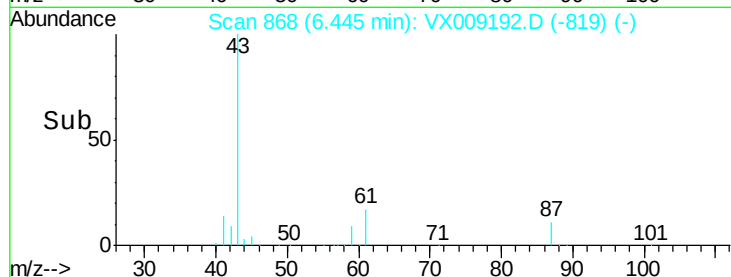
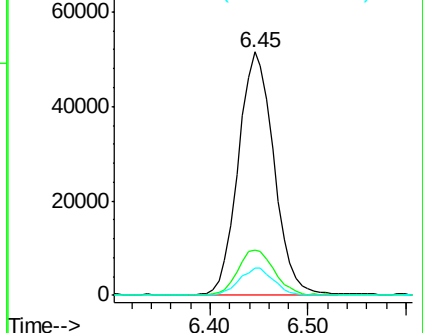
87 11.2 9.0 13.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 17.532 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX009192.D

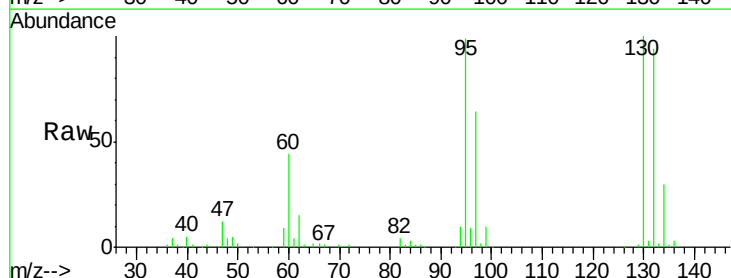
Acq: 26 Apr 2019 16:10

Tgt Ion:130 Resp: 41040

Ion Ratio Lower Upper

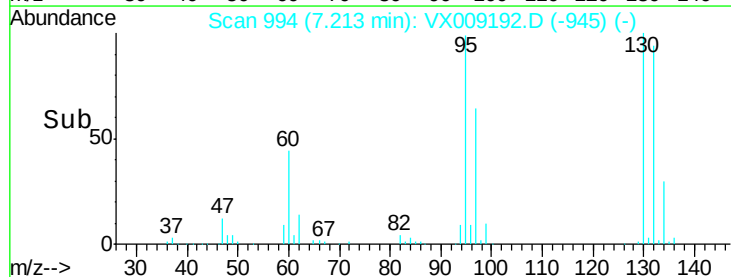
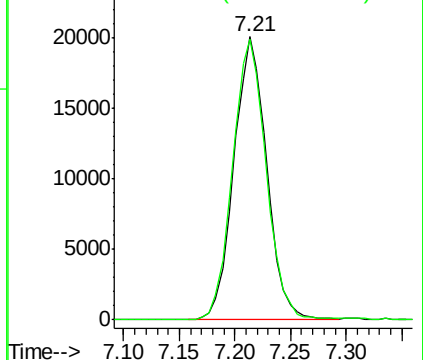
130 100

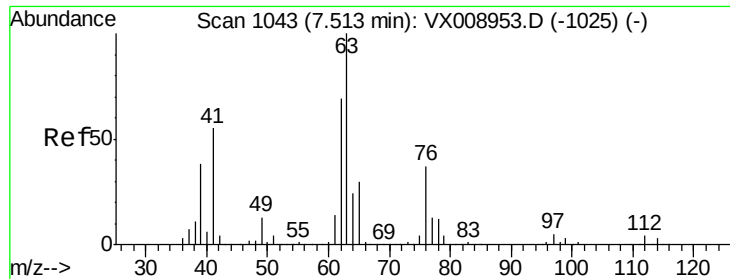
95 99.3 0.0 203.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 19.072 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX009192.D

Acq: 26 Apr 2019 16:10

Instrument :

MSVOA_X

ClientSampleId :

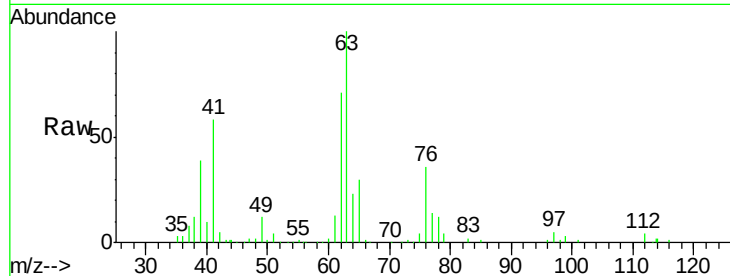
VX0426WBSD01

Tot Ion: 63 Resp: 50548

Ion Ratio Lower Upper

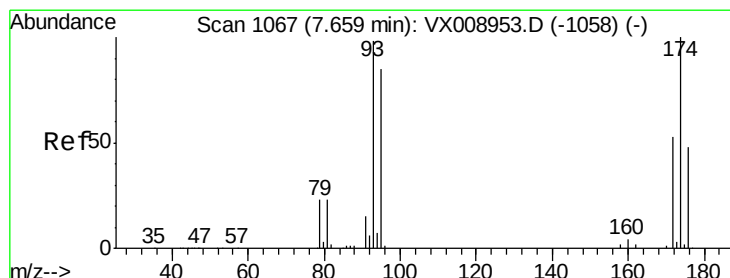
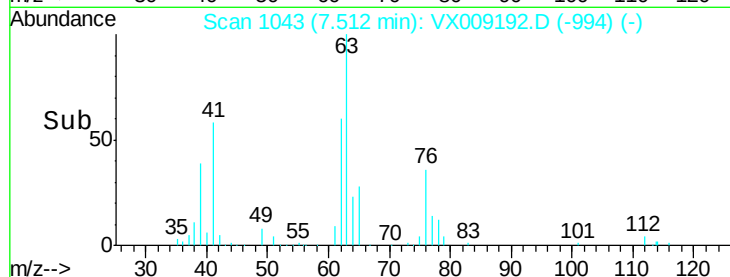
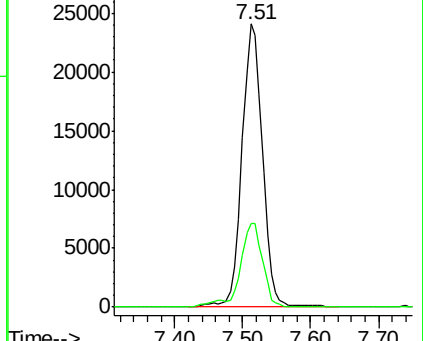
63 100

65 29.8 24.1 36.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 18.292 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX009192.D

Acq: 26 Apr 2019 16:10

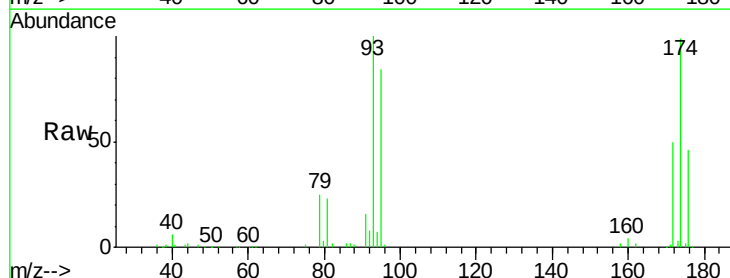
Tgt Ion: 93 Resp: 28215

Ion Ratio Lower Upper

93 100

95 83.8 67.0 100.4

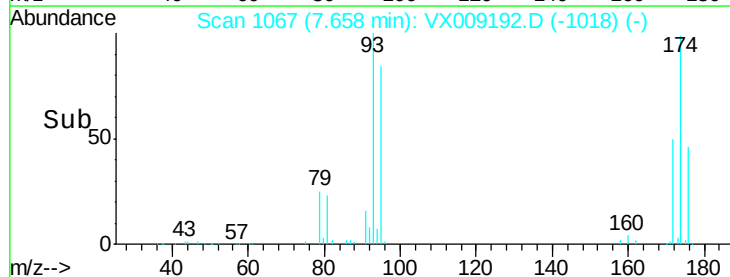
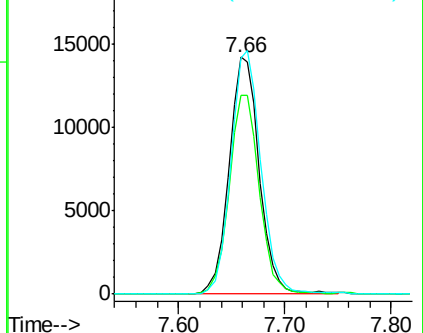
174 102.1 81.6 122.4

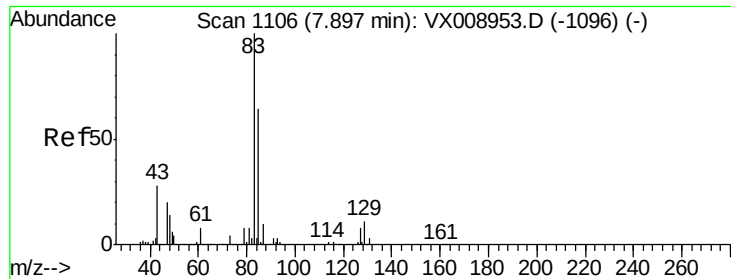


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.564 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX009192.D

Acq: 26 Apr 2019 16:10

Instrument :

MSVOA_X

ClientSampleId :

VX0426WBSD01

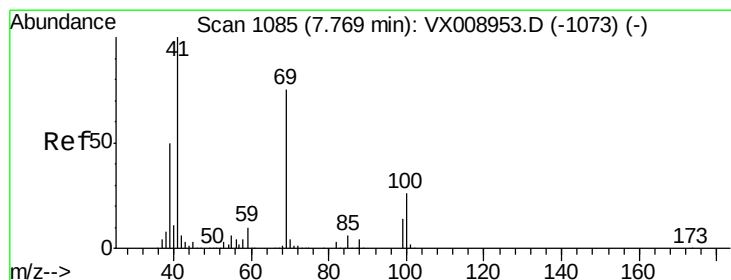
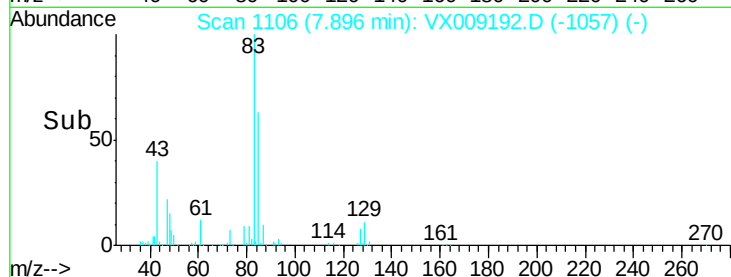
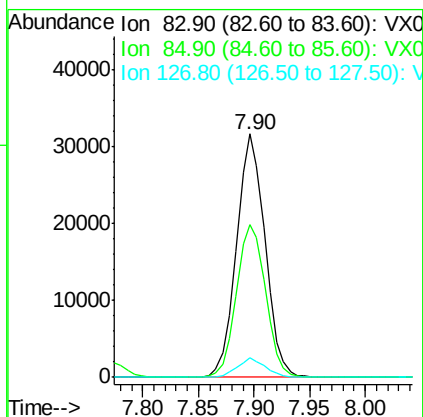
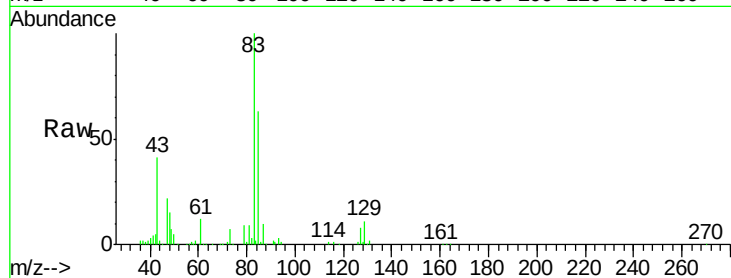
Tot Ion: 83 Resp: 56162

Ion Ratio Lower Upper

83 100

85 62.7 50.8 76.2

127 7.9 6.4 9.6



#48

Methyl methacrylate

Concen: 19.520 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX009192.D

Acq: 26 Apr 2019 16:10

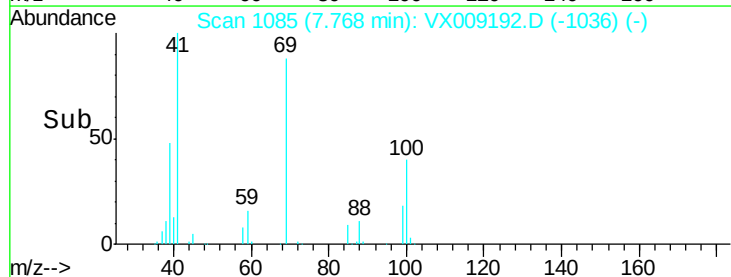
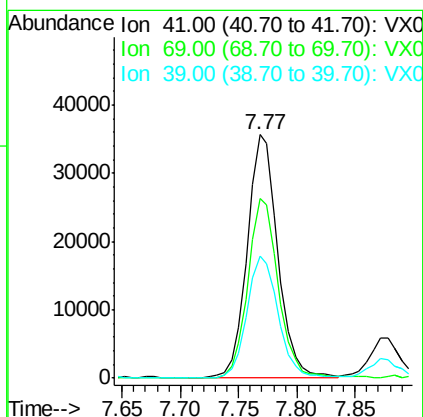
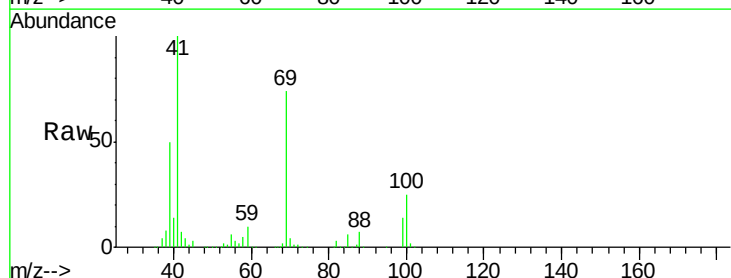
Tgt Ion: 41 Resp: 64768

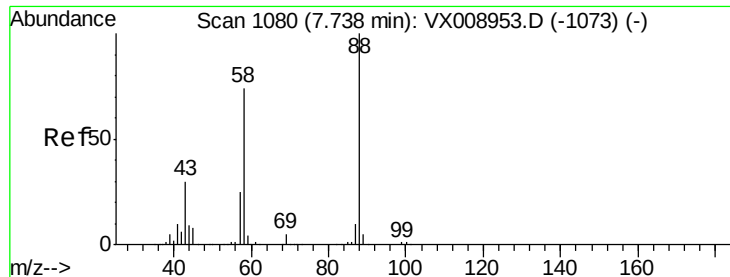
Ion Ratio Lower Upper

41 100

69 74.6 59.4 89.2

39 51.0 39.8 59.6

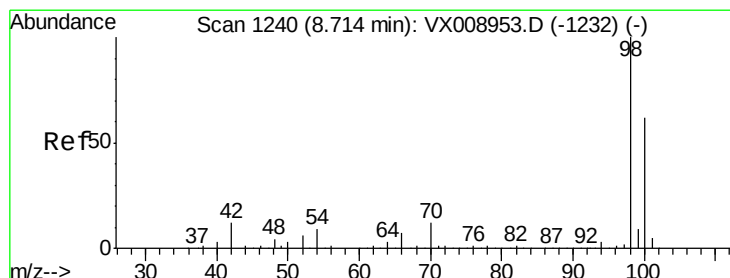
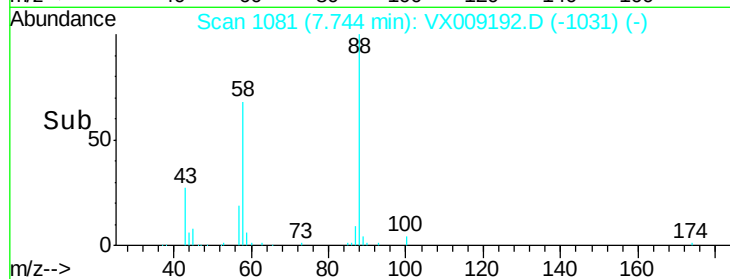
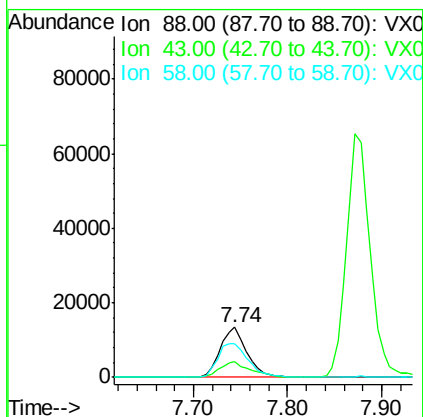
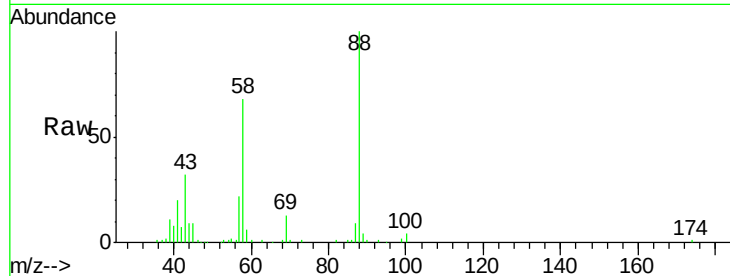




#49
1,4-Dioxane
Concen: 424.735 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VX009192.D
Acq: 26 Apr 2019 16:10

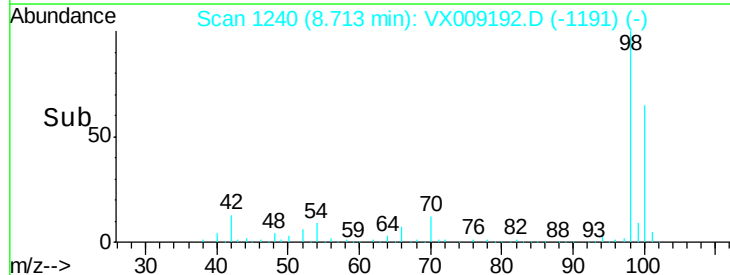
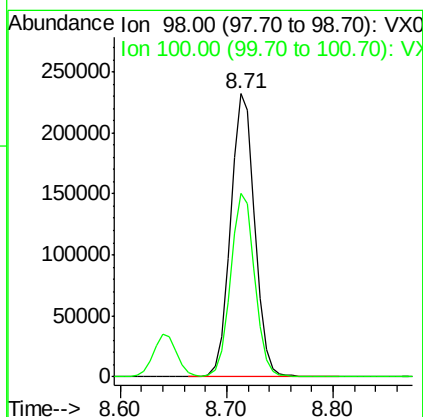
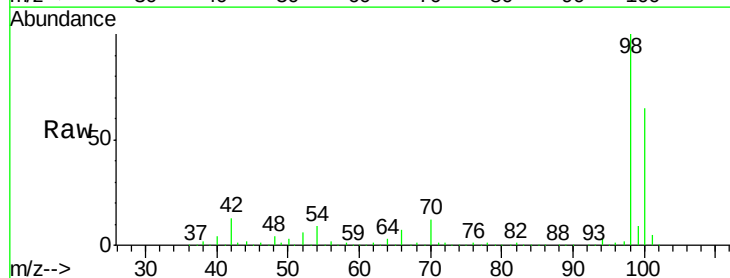
Instrument :
MSVOA_X
ClientSampleId :
VX0426WBSD01

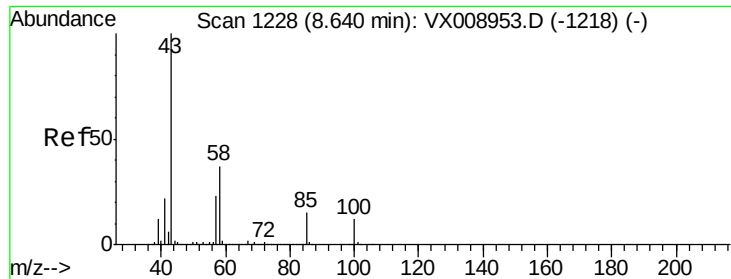
Tot Ion: 88 Resp: 26378
Ion Ratio Lower Upper
88 100
43 36.8 29.3 43.9
58 78.0 62.6 93.8



#50
Toluene-d8
Concen: 46.100 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009192.D
Acq: 26 Apr 2019 16:10

Tgt Ion: 98 Resp: 369459
Ion Ratio Lower Upper
98 100
100 64.7 51.4 77.2

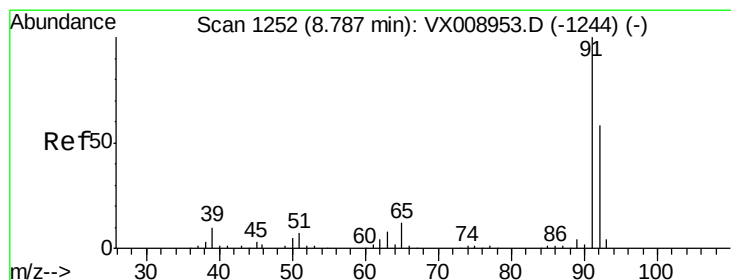
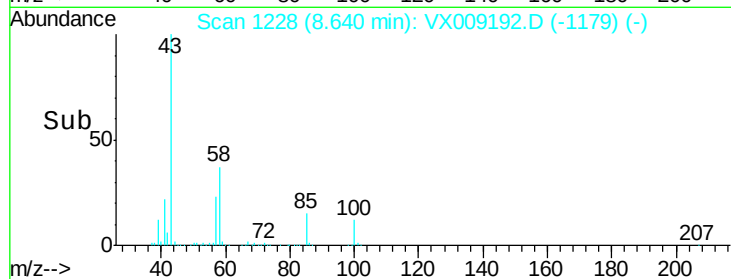
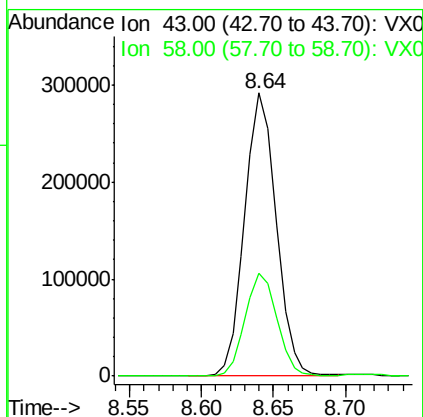
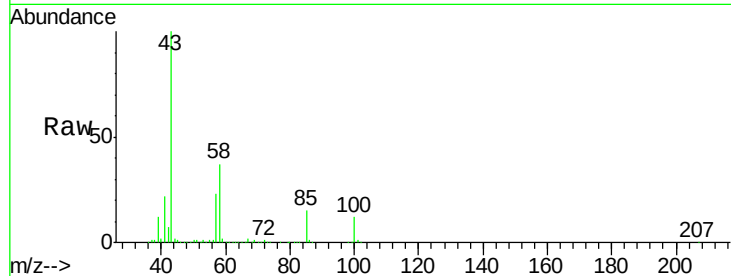




#51
 4-Methyl-2-Pentanone
 Concen: 104.008 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VX009192.D
 Acq: 26 Apr 2019 16:10

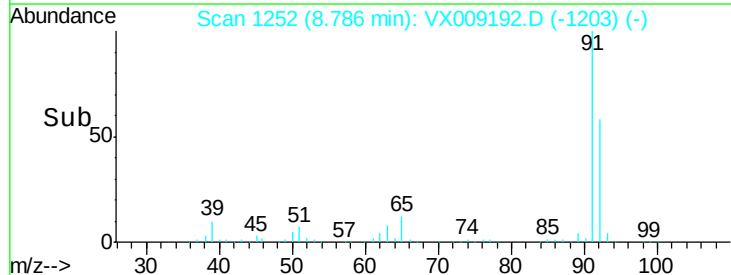
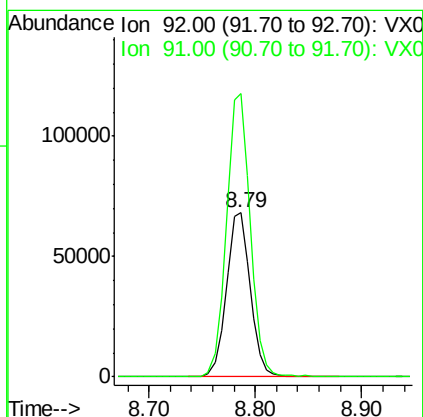
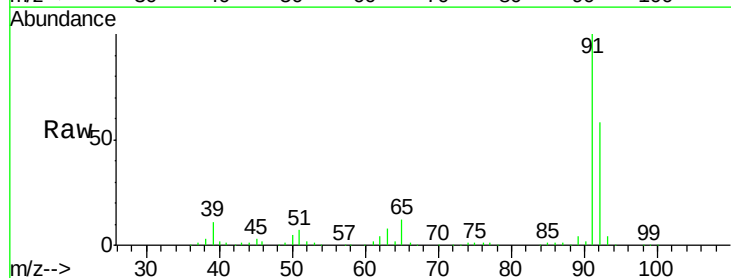
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0426WBSD01

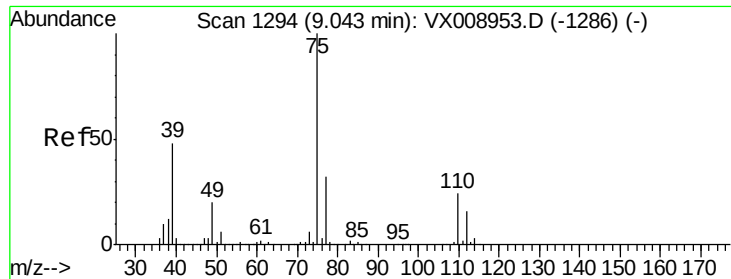
Tot Ion: 43 Resp: 444965
 Ion Ratio Lower Upper
 43 100
 58 36.8 29.8 44.6



#52
 Toluene
 Concen: 18.814 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VX009192.D
 Acq: 26 Apr 2019 16:10

Tgt Ion: 92 Resp: 107723
 Ion Ratio Lower Upper
 92 100
 91 171.5 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 18.041 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX009192.D

Acq: 26 Apr 2019 16:10

Instrument :

MSVOA_X

ClientSampleId :

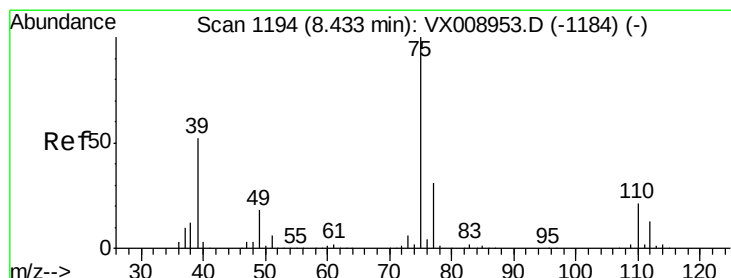
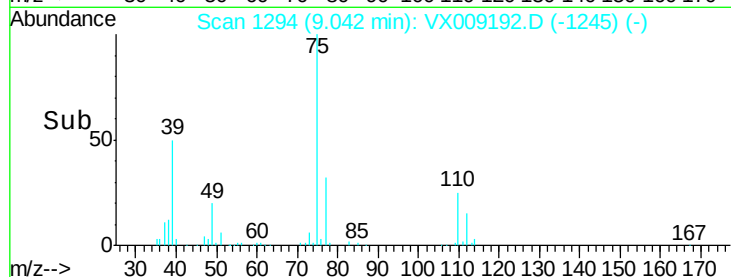
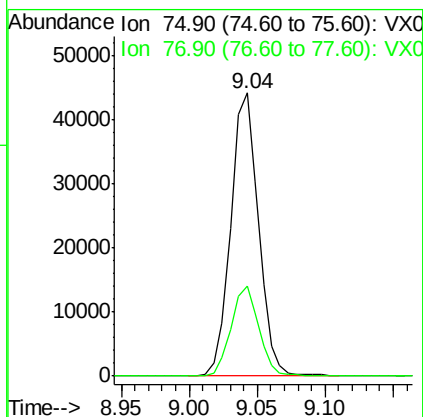
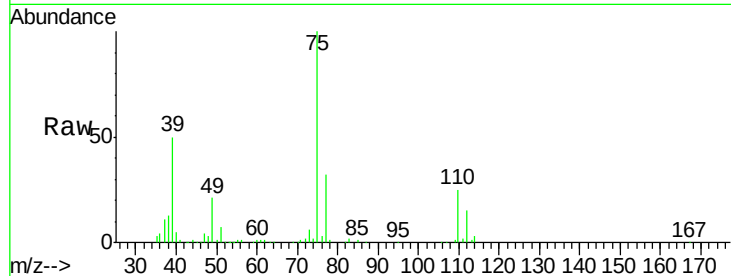
VX0426WBSD01

Tot Ion: 75 Resp: 62815

Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 18.271 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX009192.D

Acq: 26 Apr 2019 16:10

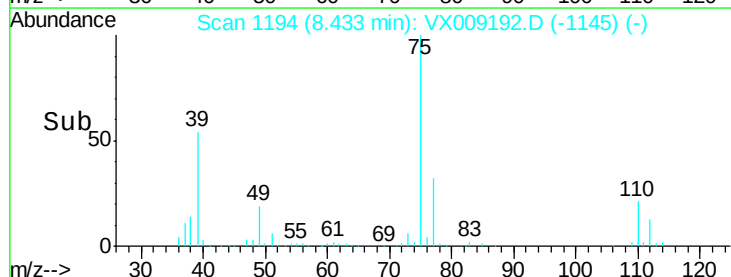
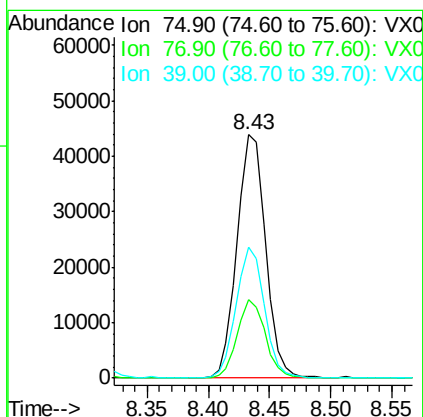
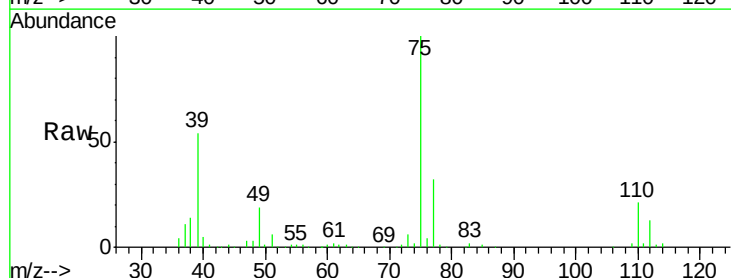
Tgt Ion: 75 Resp: 71233

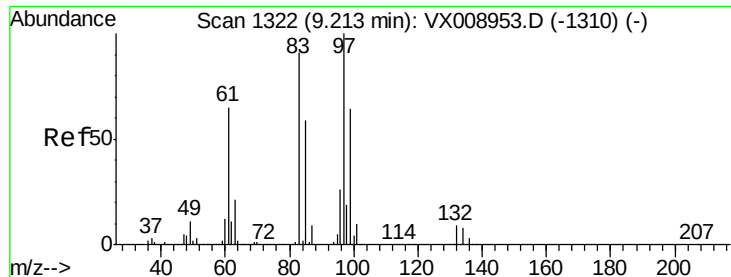
Ion Ratio Lower Upper

75 100

77 32.4 24.8 37.2

39 53.9 41.8 62.6

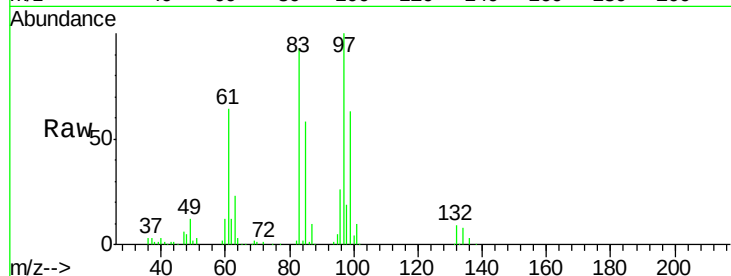




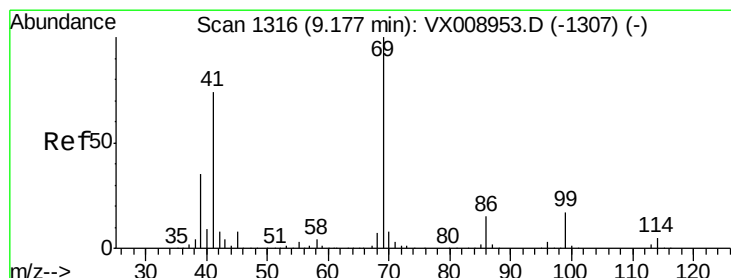
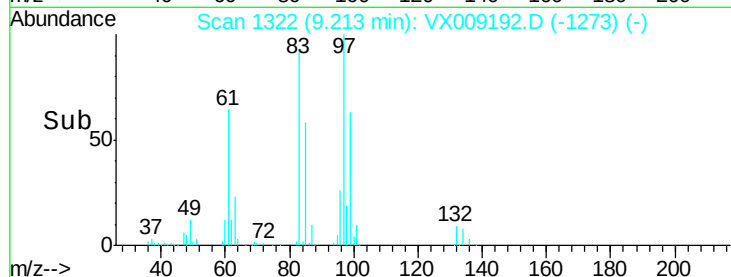
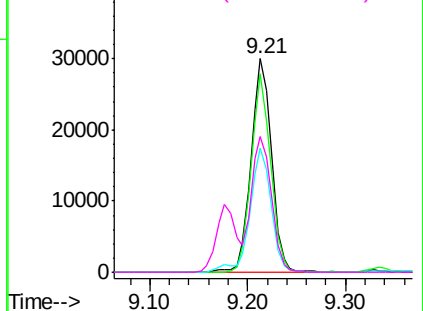
#55
 1,1,2-Trichloroethane
 Concen: 19.203 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX009192.D
 Acq: 26 Apr 2019 16:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0426WBSD01

Tot Ion:	97	Resp:	43577
Ion	Ratio	Lower	Upper
97	100		
83	93.0	72.6	108.8
85	58.1	46.9	70.3
99	63.4	51.0	76.6

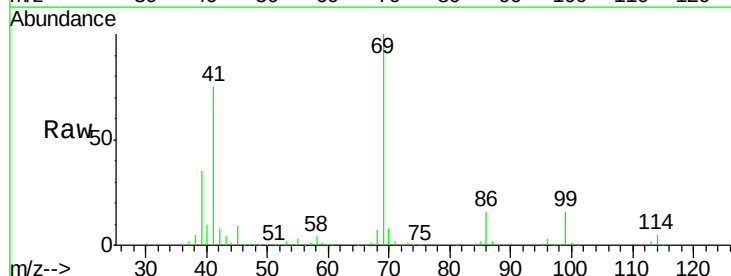


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

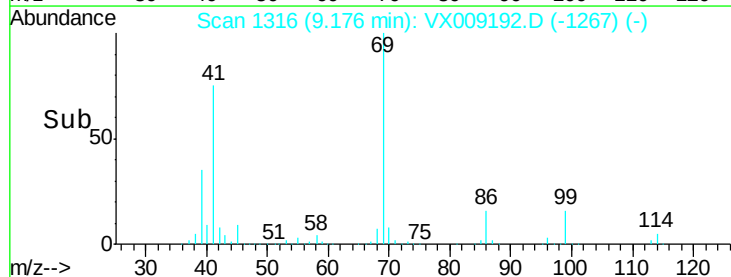
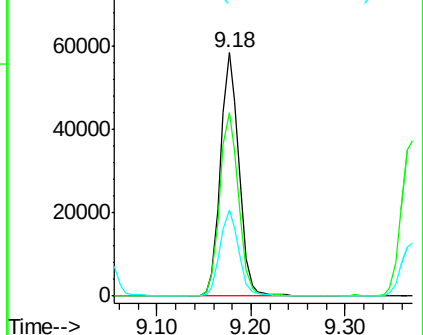


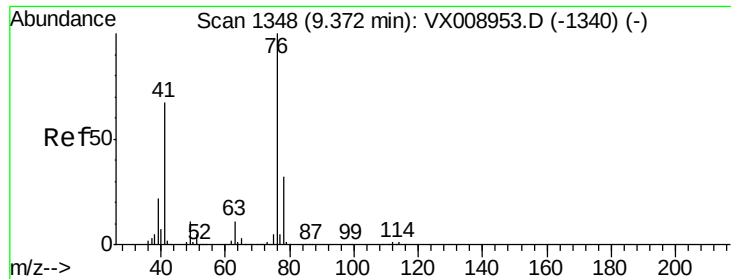
#56
 Ethyl methacrylate
 Concen: 19.533 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX009192.D
 Acq: 26 Apr 2019 16:10

Tgt Ion:	69	Resp:	79479
Ion	Ratio	Lower	Upper
69	100		
41	76.7	60.2	90.2
39	35.4	27.9	41.9



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





#57

1,3-Dichloropropane

Concen: 19.172 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX009192.D

Acq: 26 Apr 2019 16:10

Instrument :

MSVOA_X

ClientSampleId :

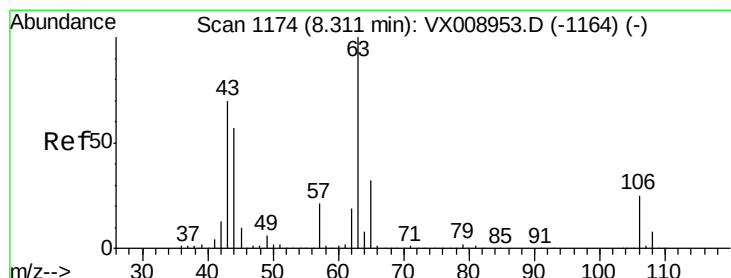
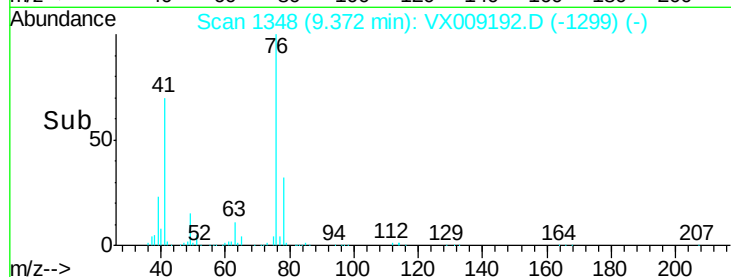
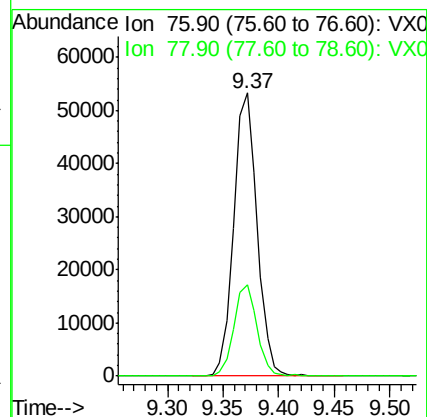
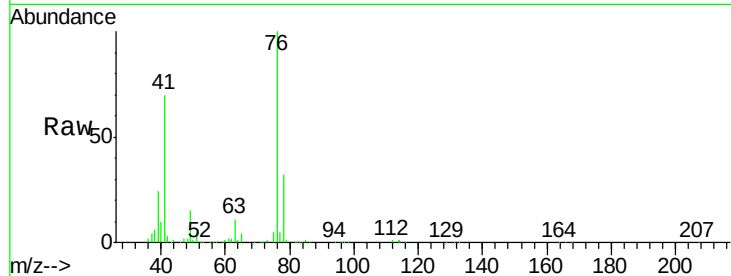
VX0426WBSD01

Tot Ion: 76 Resp: 77460

Ion Ratio Lower Upper

76 100

78 32.1 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 88.464 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX009192.D

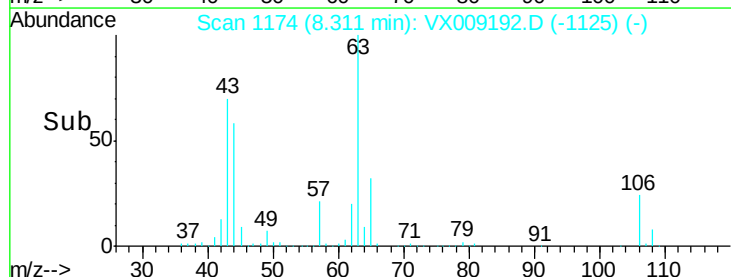
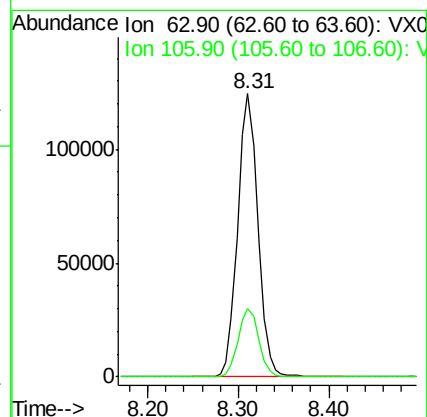
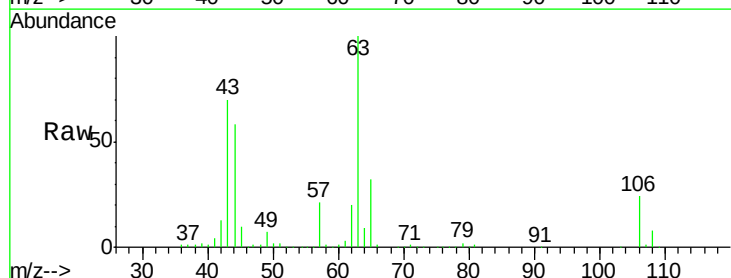
Acq: 26 Apr 2019 16:10

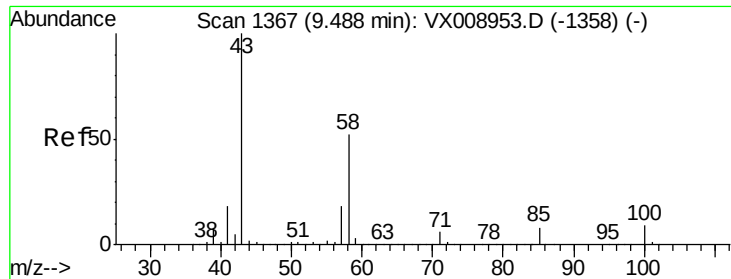
Tgt Ion: 63 Resp: 193837

Ion Ratio Lower Upper

63 100

106 24.6 19.8 29.6

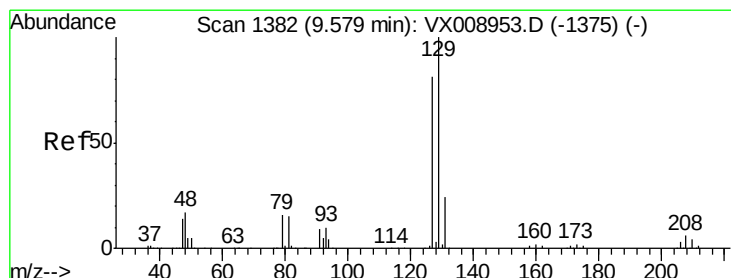
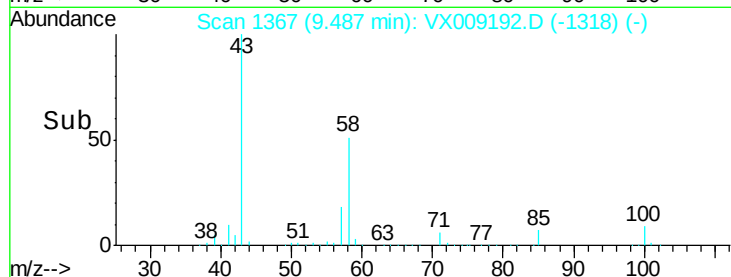
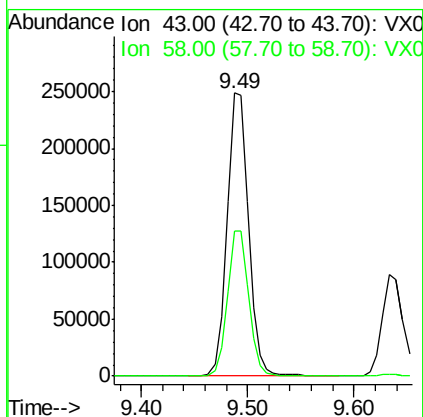
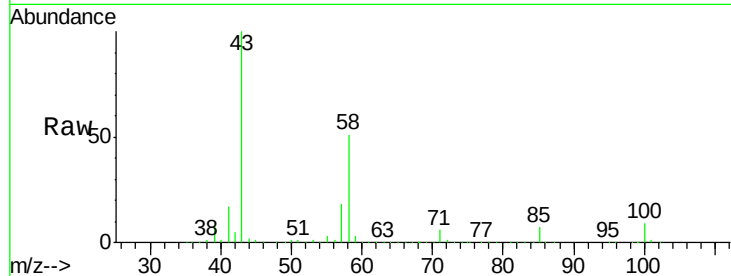




#59
2-Hexanone
Concen: 106.661 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX009192.D
Acq: 26 Apr 2019 16:10

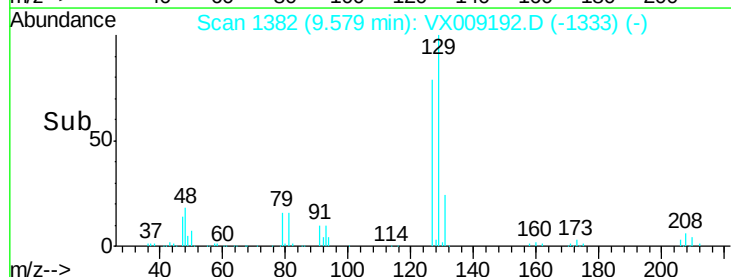
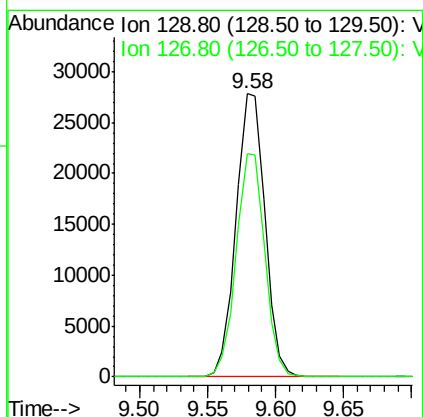
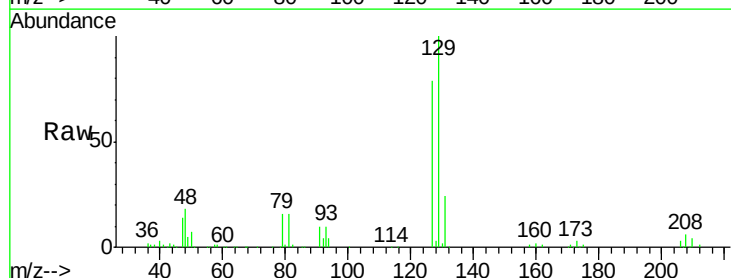
Instrument :
MSVOA_X
ClientSampleId :
VX0426WBSD01

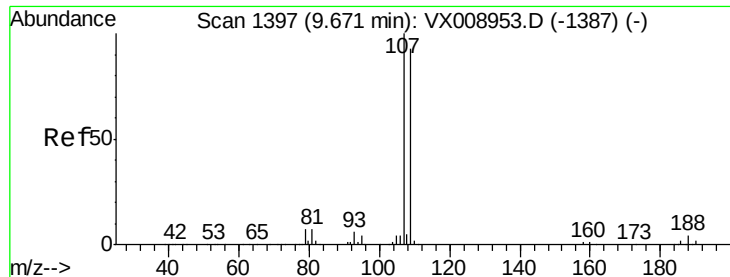
Tot Ion: 43 Resp: 351809
Ion Ratio Lower Upper
43 100
58 51.2 25.9 77.8



#60
Dibromochloromethane
Concen: 18.990 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX009192.D
Acq: 26 Apr 2019 16:10

Tgt Ion: 129 Resp: 41300
Ion Ratio Lower Upper
129 100
127 78.2 39.1 117.2





#61

1,2-Dibromoethane

Concen: 18.975 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX009192.D

Acq: 26 Apr 2019 16:10

Instrument :

MSVOA_X

ClientSampleId :

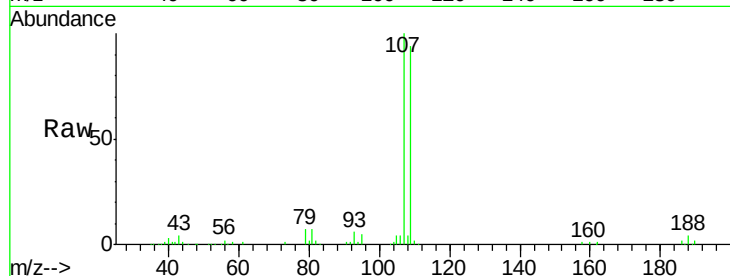
VX0426WBSD01

Tot Ion:107 Resp: 44440

Ion Ratio Lower Upper

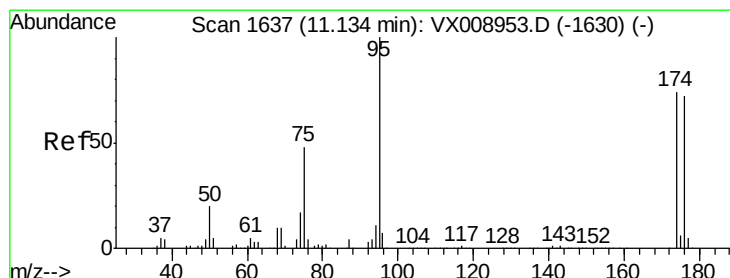
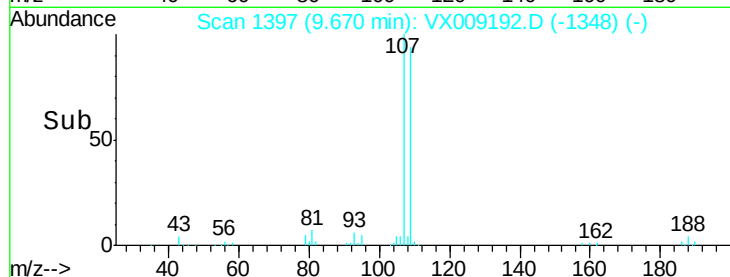
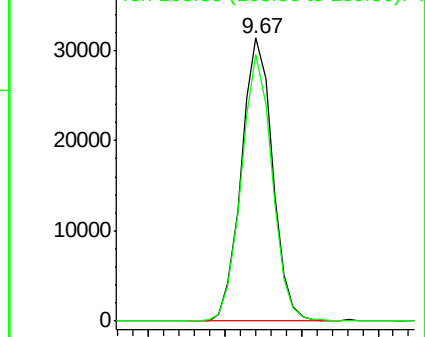
107 100

109 93.4 74.4 111.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.378 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009192.D

Acq: 26 Apr 2019 16:10

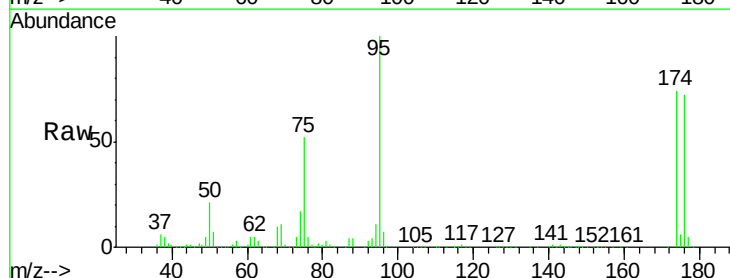
Tgt Ion: 95 Resp: 134035

Ion Ratio Lower Upper

95 100

174 80.6 0.0 159.6

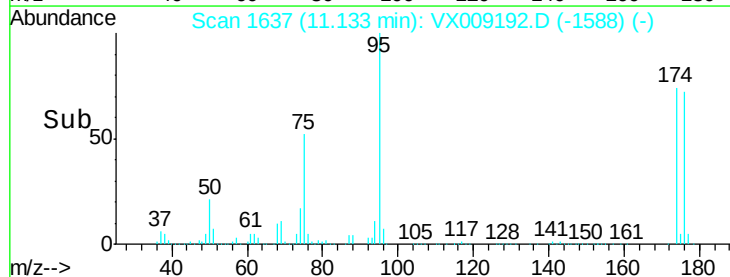
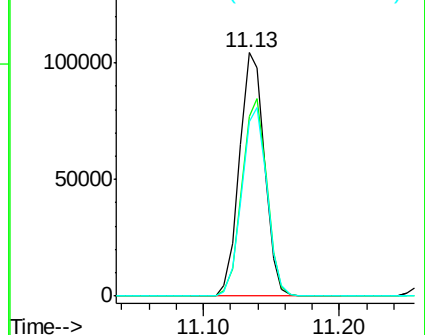
176 77.8 0.0 154.8

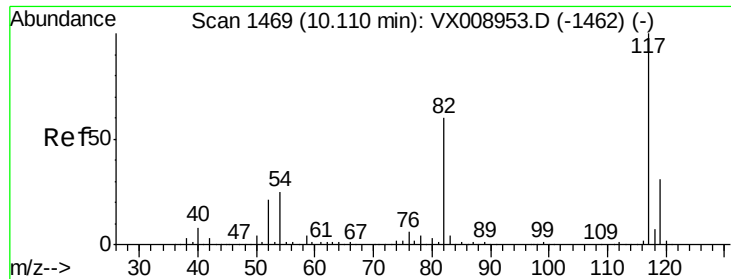


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

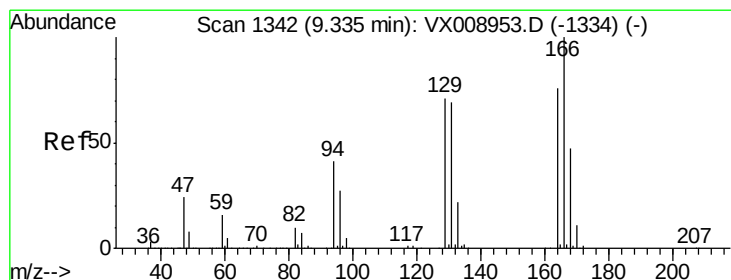
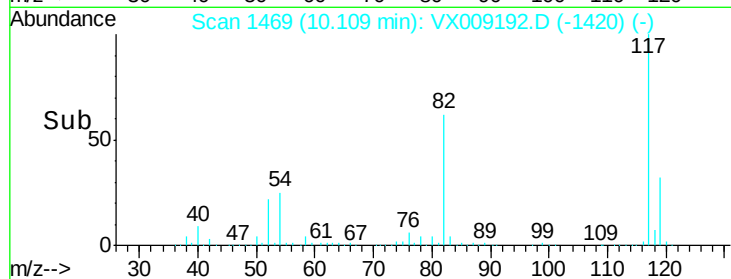
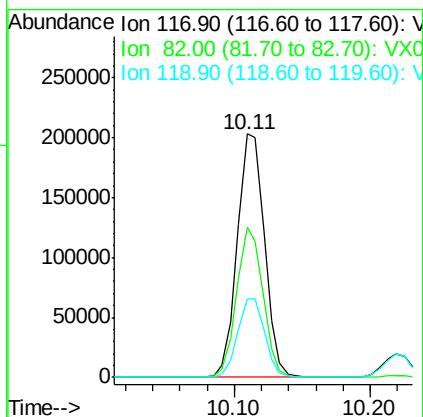
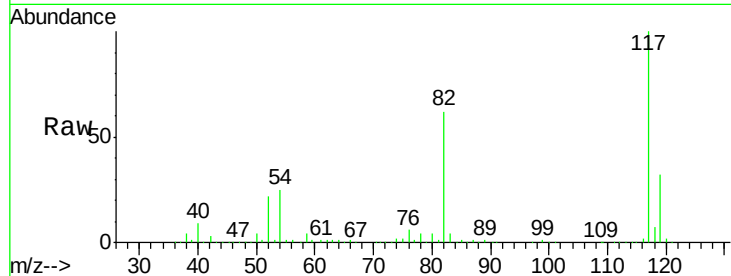




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009192.D
Acq: 26 Apr 2019 16:10

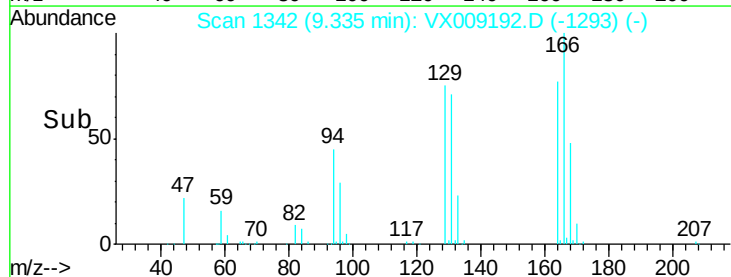
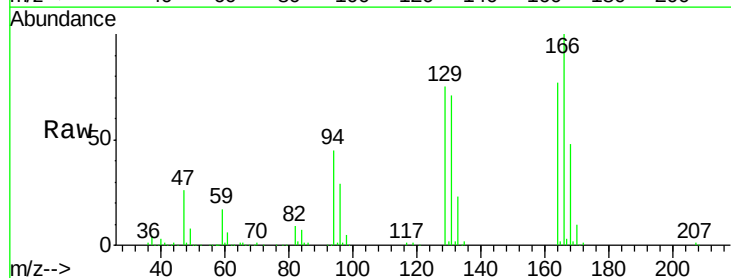
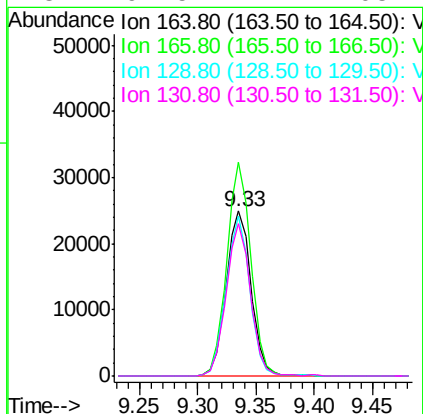
Instrument :
MSVOA_X
ClientSampleId :
VX0426WBSD01

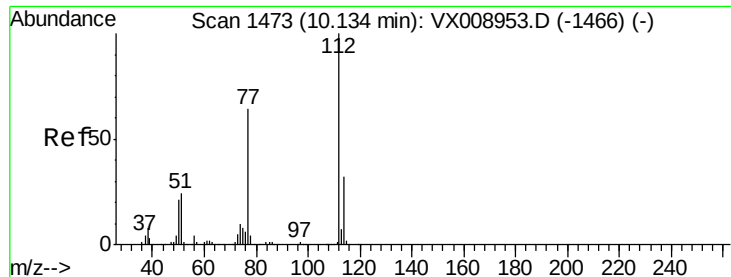
Tot Ion:117 Resp: 283741
Ion Ratio Lower Upper
117 100
82 61.9 48.2 72.4
119 32.1 25.0 37.6



#64
Tetrachloroethene
Concen: 17.258 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009192.D
Acq: 26 Apr 2019 16:10

Tgt Ion:164 Resp: 37199
Ion Ratio Lower Upper
164 100
166 129.7 105.0 157.4
129 97.0 74.2 111.4
131 92.5 72.2 108.2

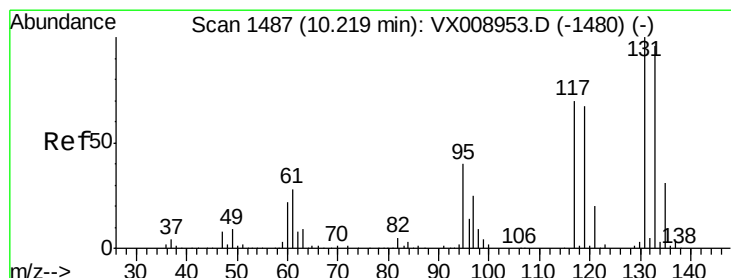
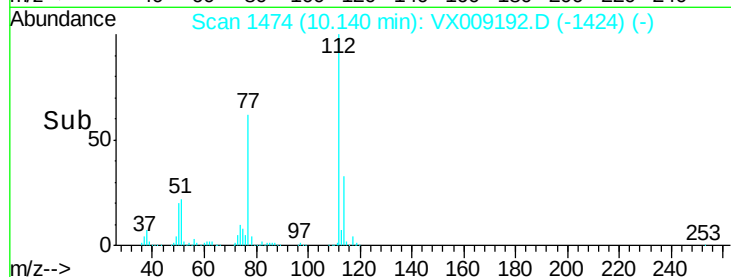
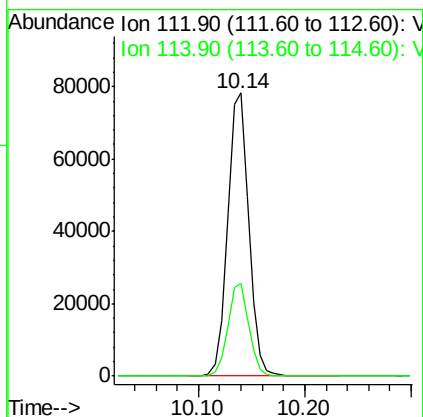
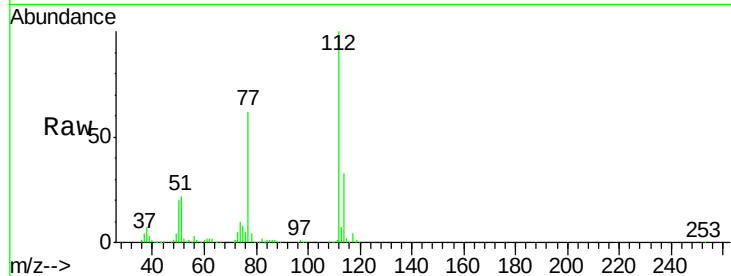




#65
Chlorobenzene
Concen: 18.176 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX009192.D
Acq: 26 Apr 2019 16:10

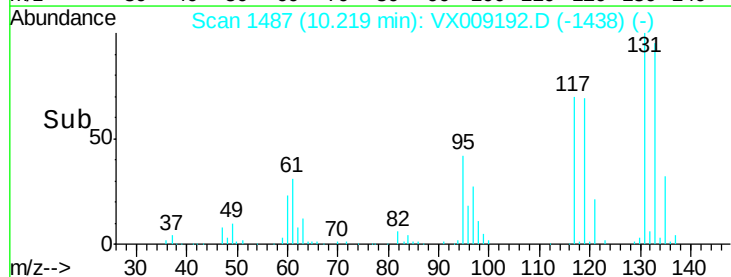
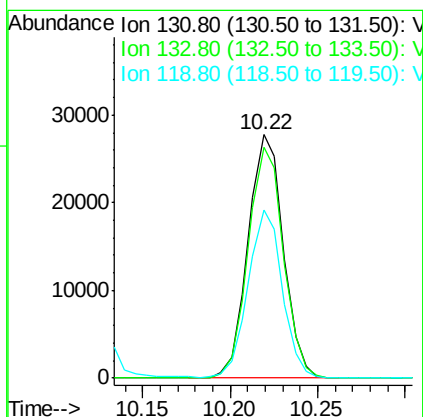
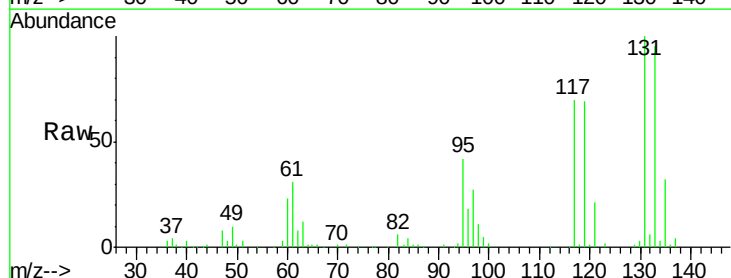
Instrument :
MSVOA_X
ClientSampleId :
VX0426WBSD01

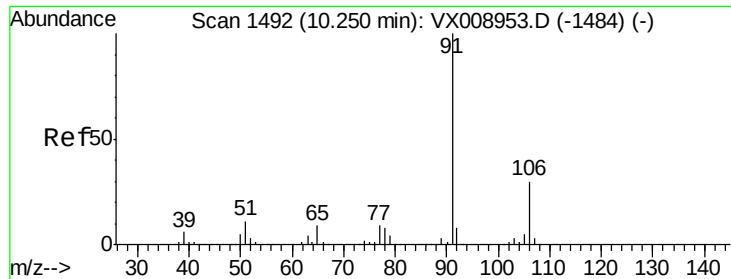
Tot Ion:112 Resp: 108857
Ion Ratio Lower Upper
112 100
114 32.7 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 18.400 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX009192.D
Acq: 26 Apr 2019 16:10

Tgt Ion:131 Resp: 38822
Ion Ratio Lower Upper
131 100
133 94.7 48.0 144.2
119 67.3 33.7 101.1





#67

Ethyl Benzene

Concen: 18.575 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX009192.D

Acq: 26 Apr 2019 16:10

Instrument :

MSVOA_X

ClientSampled :

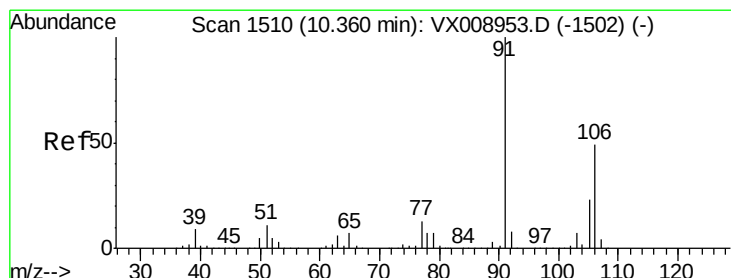
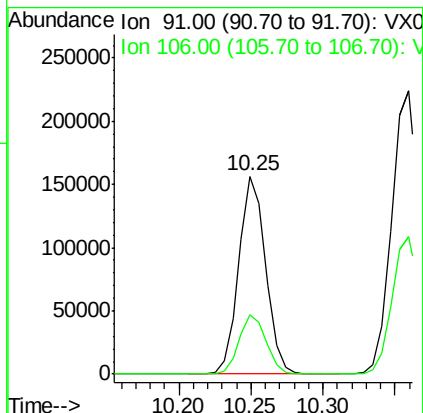
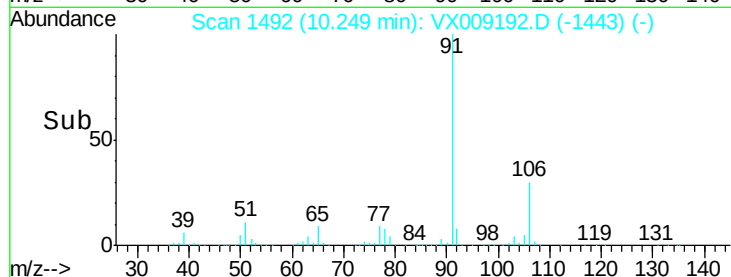
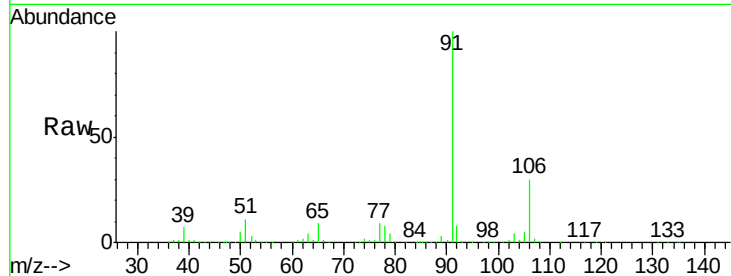
VX0426WBSD01

Tot Ion: 91 Resp: 203359

Ion Ratio Lower Upper

91 100

106 30.2 24.3 36.5



#68

m/p-Xylenes

Concen: 37.599 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX009192.D

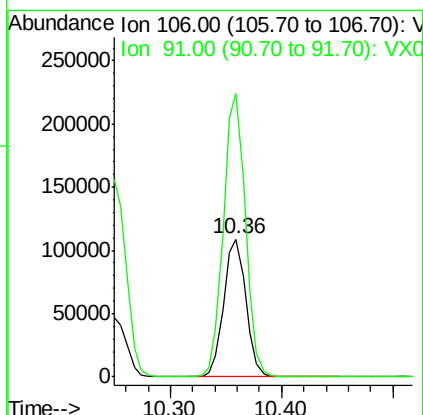
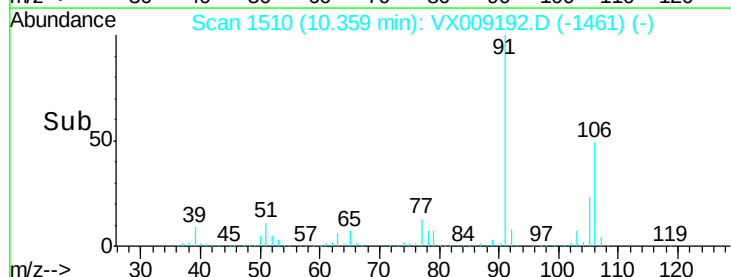
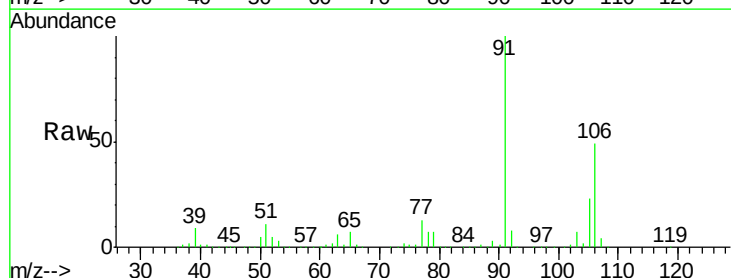
Acq: 26 Apr 2019 16:10

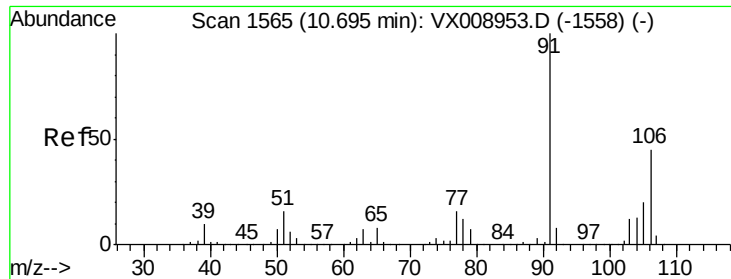
Tgt Ion: 106 Resp: 149601

Ion Ratio Lower Upper

106 100

91 205.1 165.4 248.2

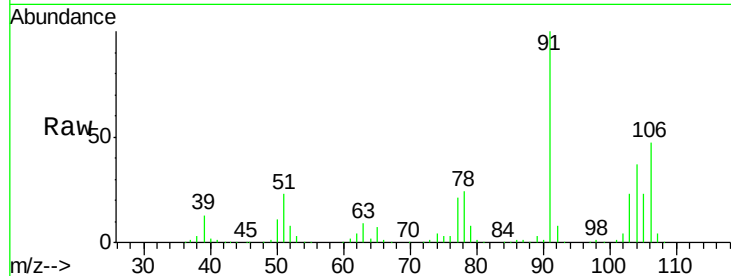




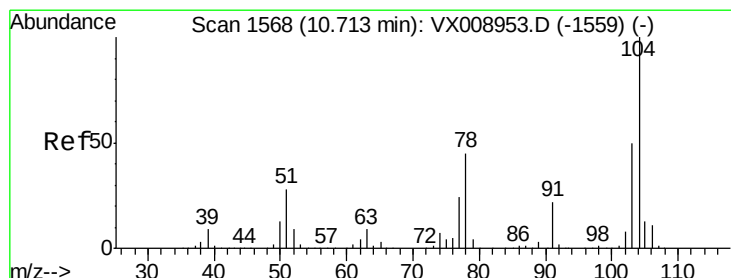
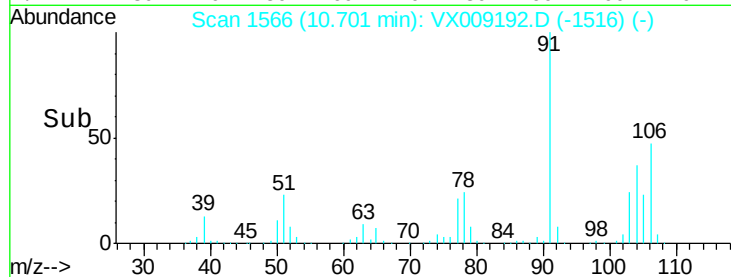
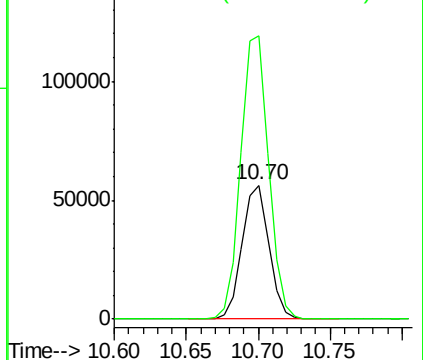
#69
o-Xylene
Concen: 18.846 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX009192.D
Acq: 26 Apr 2019 16:10

Instrument :
MSVOA_X
ClientSampled :
VX0426WBSD01

Tot Ion:106 Resp: 72962
Ion Ratio Lower Upper
106 100
91 219.5 108.9 326.7

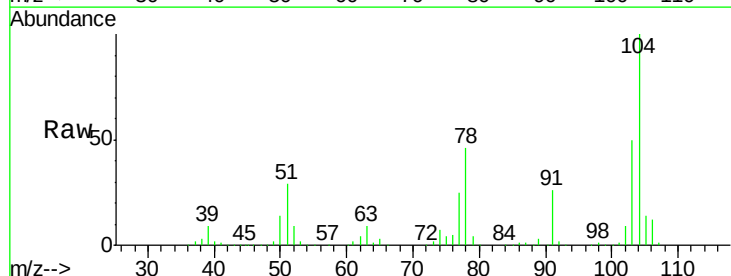


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

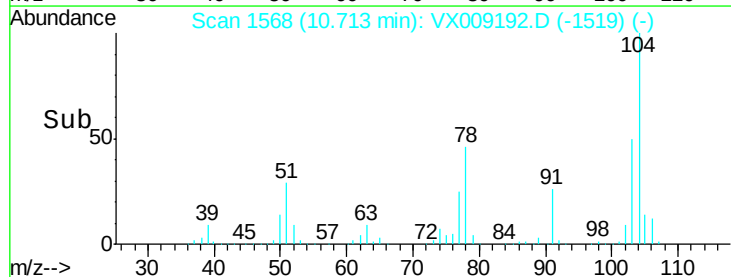
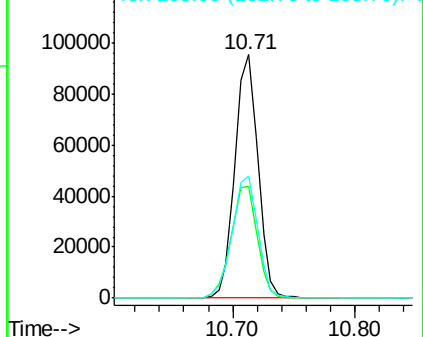


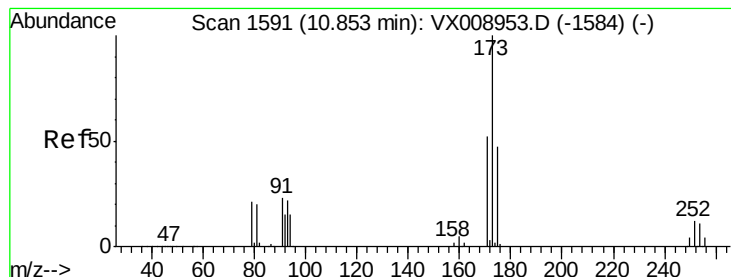
#70
Styrene
Concen: 18.559 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX009192.D
Acq: 26 Apr 2019 16:10

Tgt Ion:104 Resp: 124508
Ion Ratio Lower Upper
104 100
78 52.2 41.2 61.8
103 55.8 43.9 65.9



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





#71

Bromoform

Concen: 18.216 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX009192.D

Acq: 26 Apr 2019 16:10

Instrument :

MSVOA_X

ClientSampleId :

VX0426WBSD01

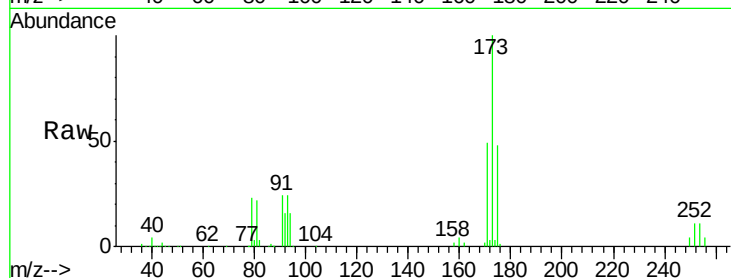
Tot Ion:173 Resp: 30619

Ion Ratio Lower Upper

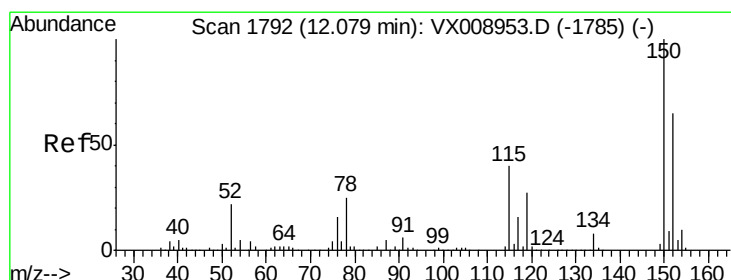
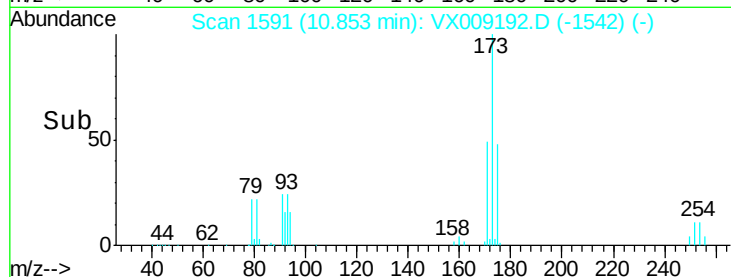
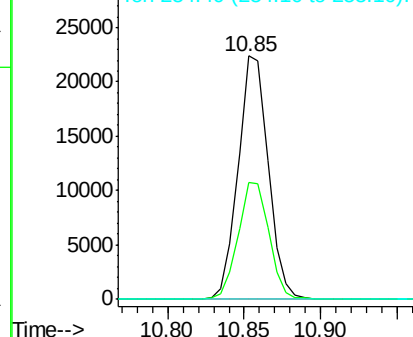
173 100

175 49.3 23.9 71.8

254 0.0 0.2 0.4#



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: VX009192.D

Acq: 26 Apr 2019 16:10

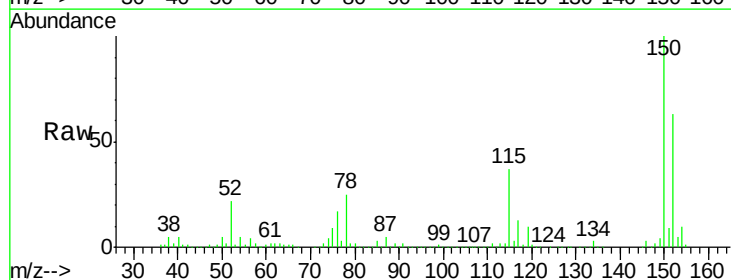
Tgt Ion:152 Resp: 133770

Ion Ratio Lower Upper

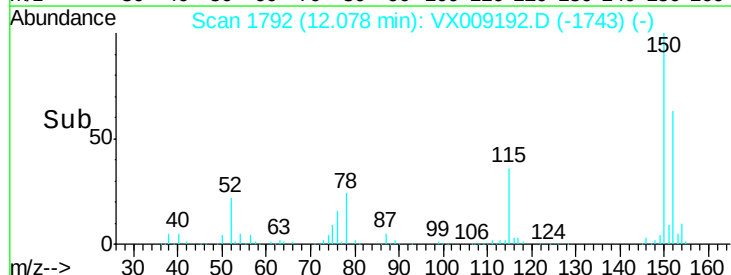
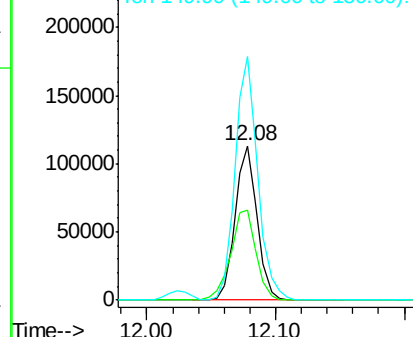
152 100

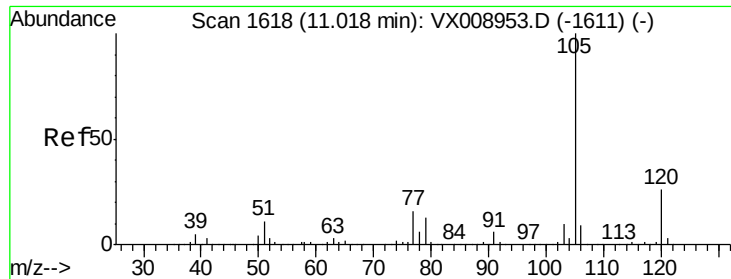
115 68.5 41.4 124.2

150 164.2 0.0 349.8



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: 18.985 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009192.D

Acq: 26 Apr 2019 16:10

Instrument :

MSVOA_X

ClientSampleId :

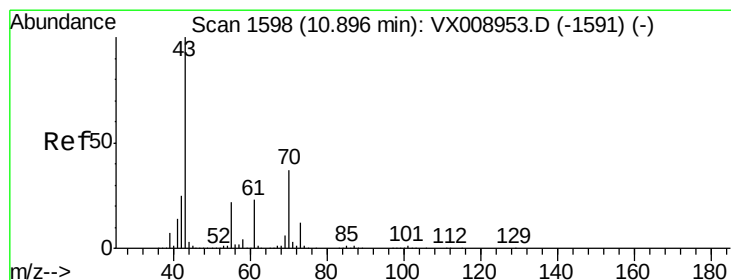
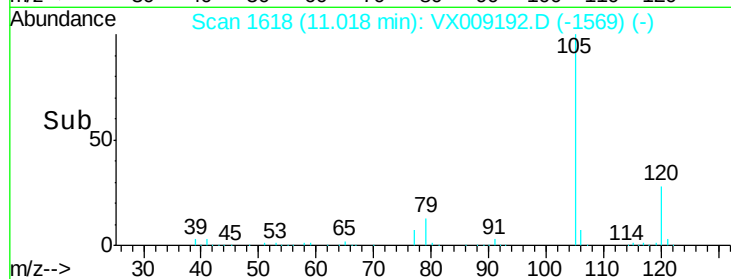
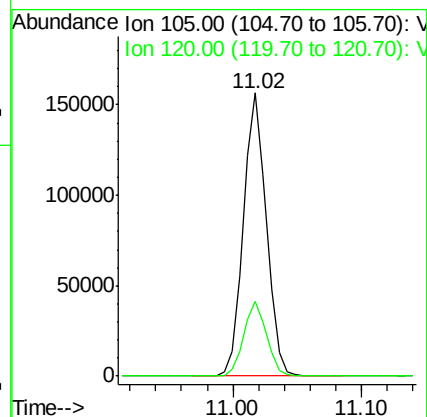
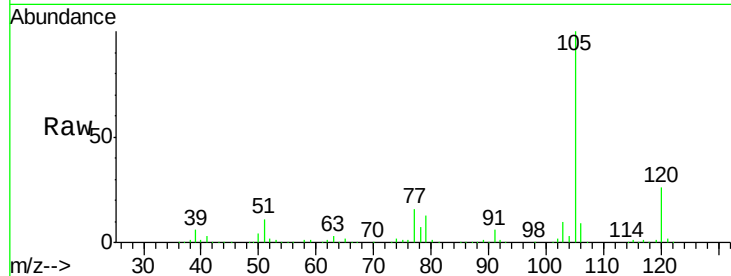
VX0426WBSD01

Tot Ion:105 Resp: 192497

Ion Ratio Lower Upper

105 100

120 26.2 12.9 38.7



#74

N-ethyl acetate

Concen: 20.056 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX009192.D

Acq: 26 Apr 2019 16:10

Tgt Ion: 43 Resp: 116766

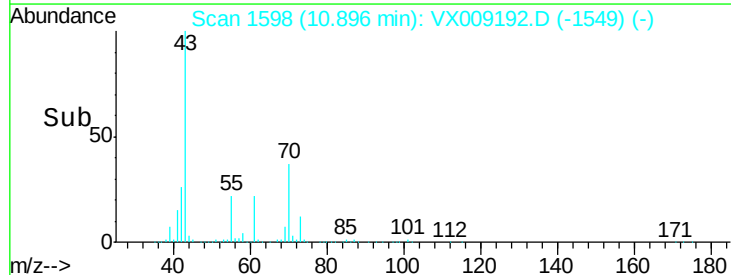
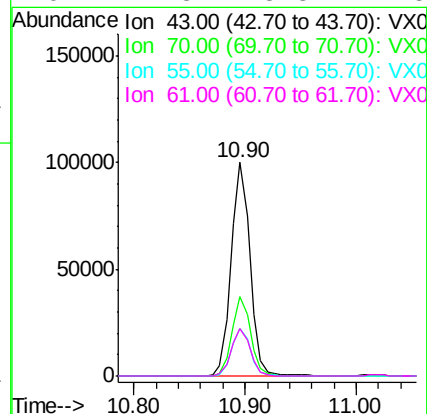
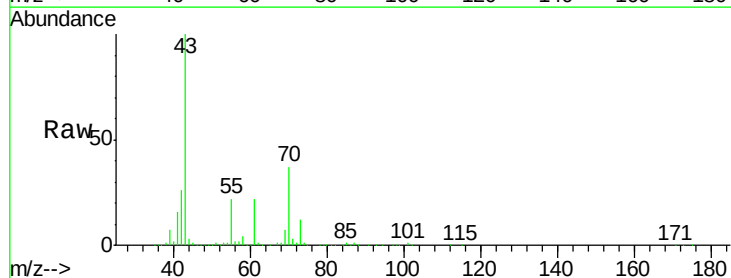
Ion Ratio Lower Upper

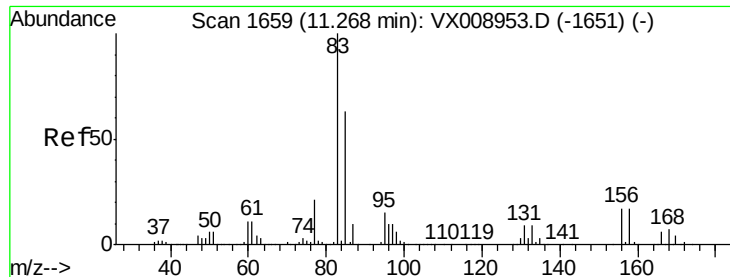
43 100

70 37.2 29.9 44.9

55 22.6 17.8 26.8

61 22.3 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 19.675 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX009192.D

Acq: 26 Apr 2019 16:10

Instrument :

MSVOA_X

ClientSampleId :

VX0426WBSD01

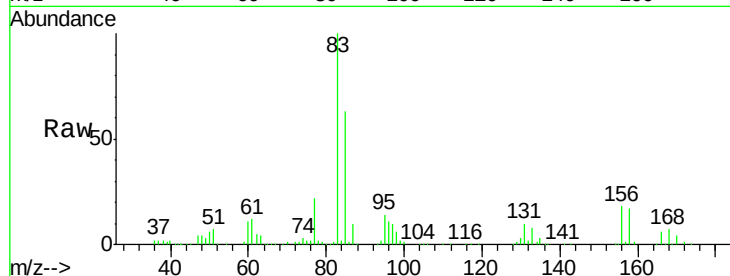
Tot Ion: 83 Resp: 72891

Ion Ratio Lower Upper

83 100

131 9.2 4.7 14.0

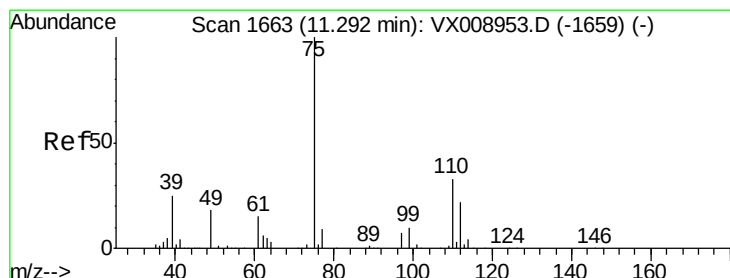
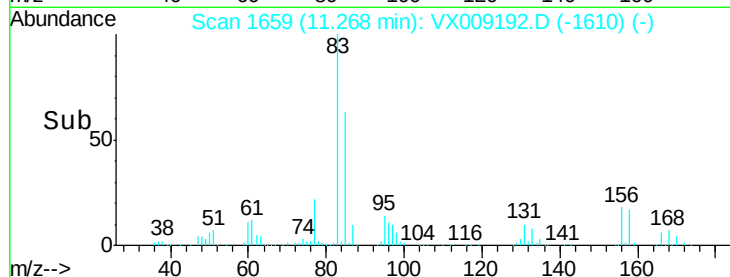
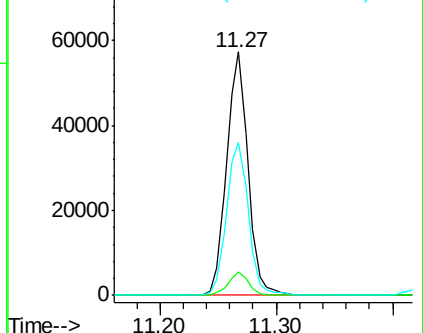
85 64.6 31.9 95.9



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: 26.281 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX009192.D

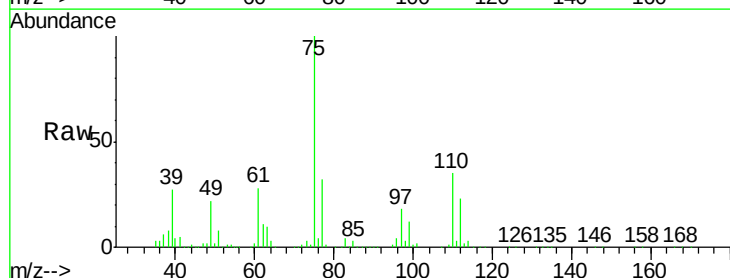
Acq: 26 Apr 2019 16:10

Tgt Ion: 75 Resp: 85843

Ion Ratio Lower Upper

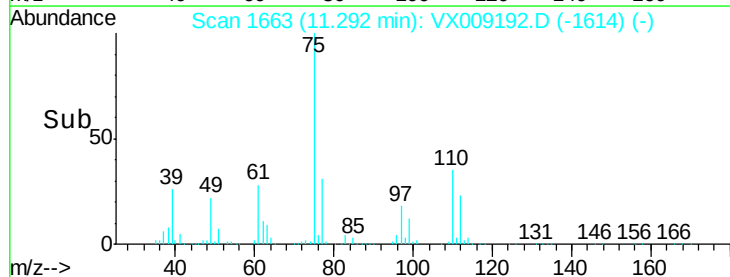
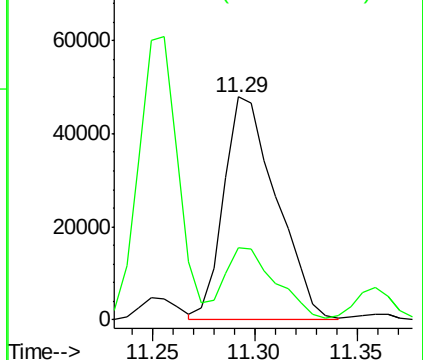
75 100

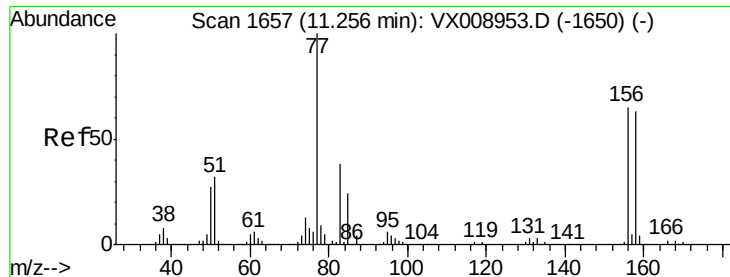
77 31.8 22.7 68.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.788 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX009192.D

Acq: 26 Apr 2019 16:10

Instrument :

MSVOA_X

ClientSampleId :

VX0426WBSD01

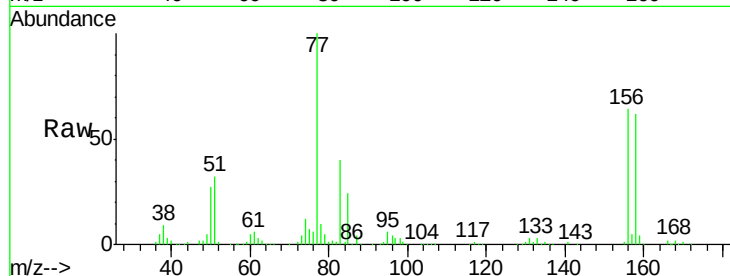
Tot Ion:156 Resp: 48065

Ion Ratio Lower Upper

156 100

77 168.4 85.4 256.1

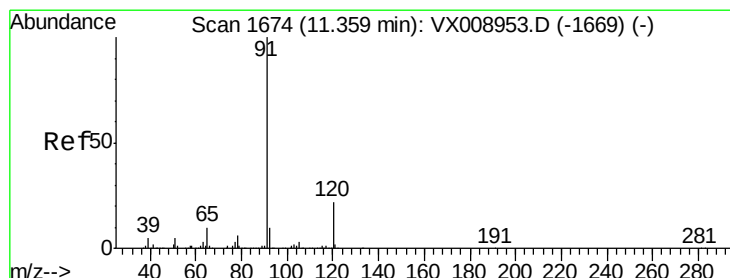
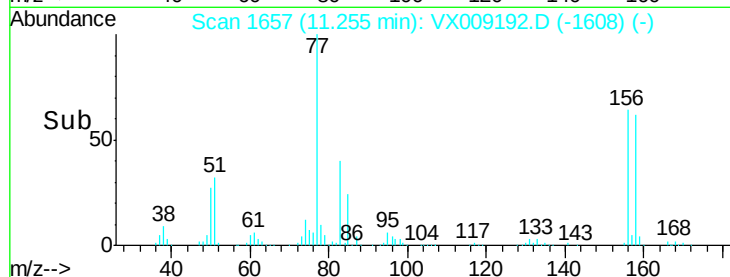
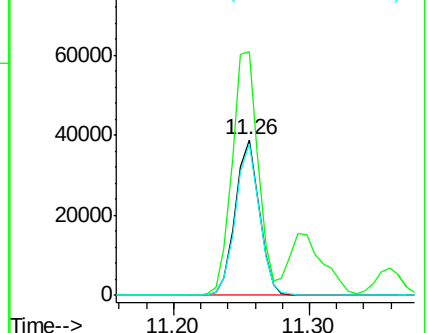
158 96.7 48.8 146.4



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: 18.919 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009192.D

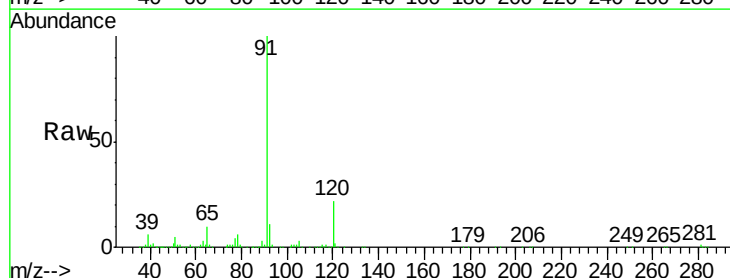
Acq: 26 Apr 2019 16:10

Tgt Ion: 91 Resp: 220181

Ion Ratio Lower Upper

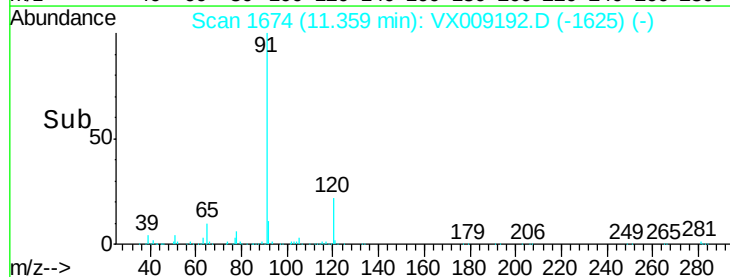
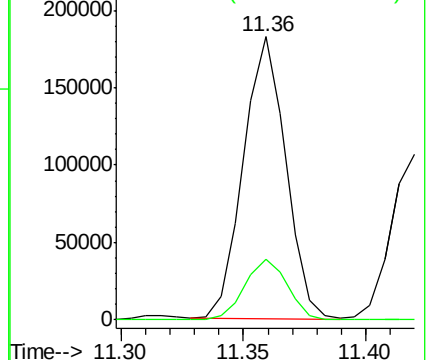
91 100

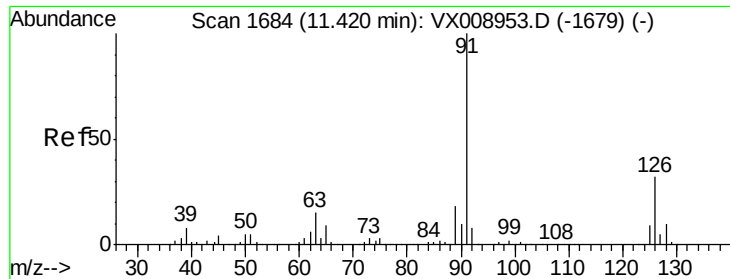
120 21.8 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.088 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX009192.D

Acq: 26 Apr 2019 16:10

Instrument :

MSVOA_X

ClientSampleId :

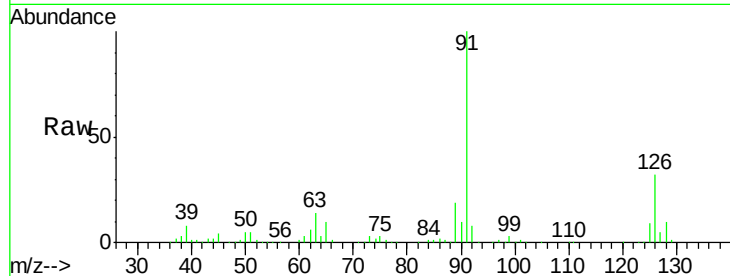
VX0426WBSD01

Tot Ion: 91 Resp: 133866

Ion Ratio Lower Upper

91 100

126 32.1 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VX008953.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX008953.D (-1679) (-)

200000

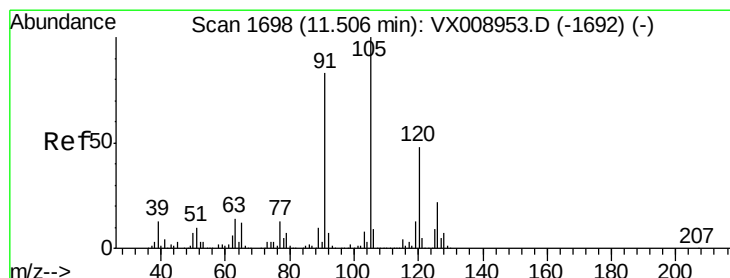
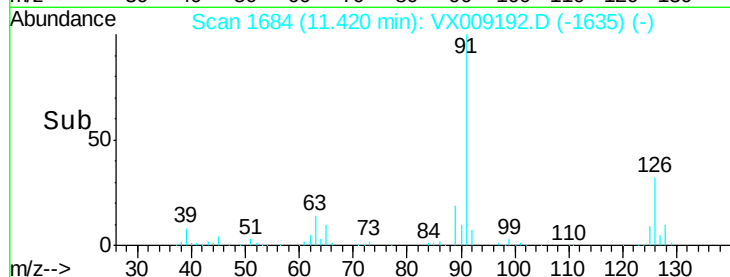
150000

100000

50000

0

Time--> 11.35 11.40 11.45



#80

1,3,5-Trimethylbenzene

Concen: 19.166 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009192.D

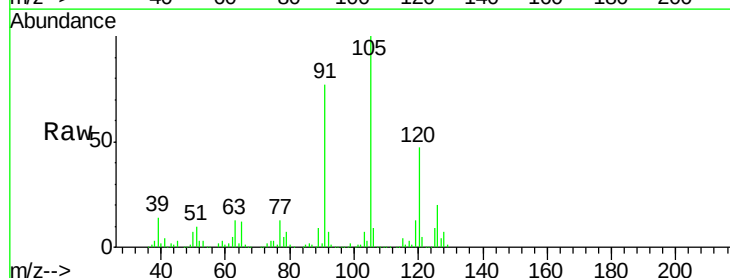
Acq: 26 Apr 2019 16:10

Tgt Ion:105 Resp: 163075

Ion Ratio Lower Upper

105 100

120 47.4 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): VX008953.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX008953.D (-1692) (-)

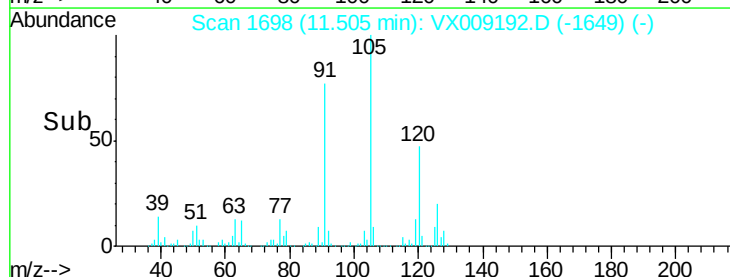
150000

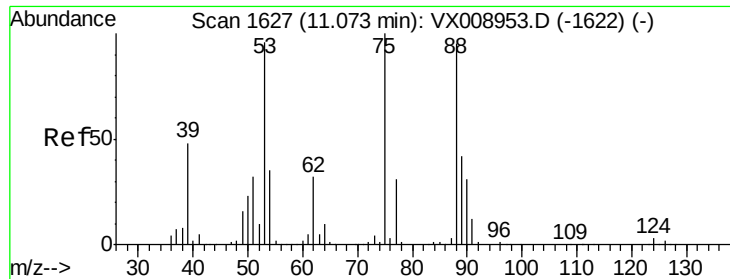
100000

50000

0

Time--> 11.40 11.50 11.60





#81

trans-1,4-Dichloro-2-butene

Concen: 17.625 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX009192.D

Acq: 26 Apr 2019 16:10

Instrument :

MSVOA_X

ClientSampled :

VX0426WBSD01

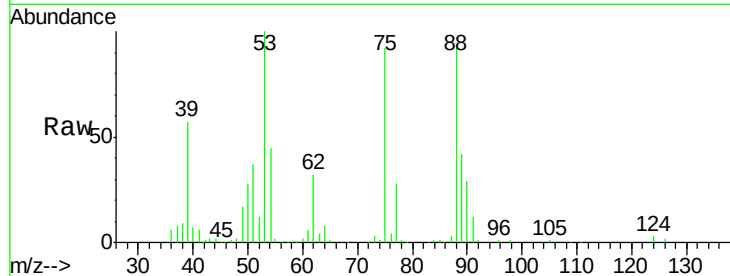
Tot Ion: 75 Resp: 22425

Ion Ratio Lower Upper

75 100

53 107.5 78.2 117.4

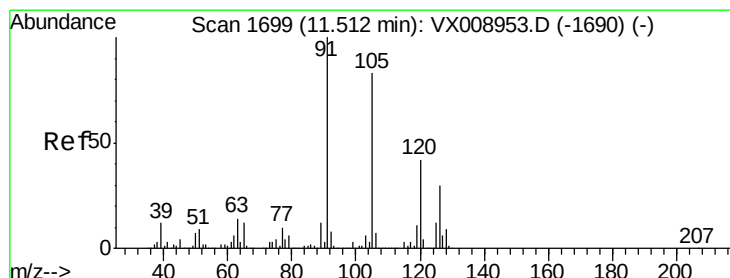
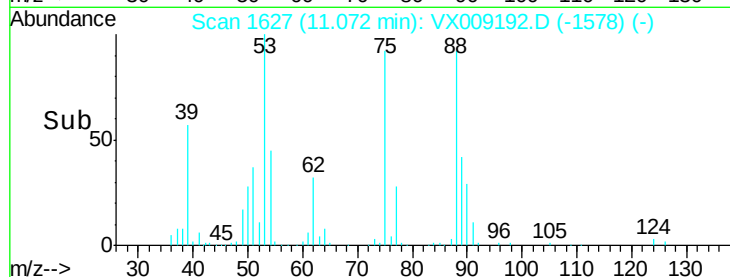
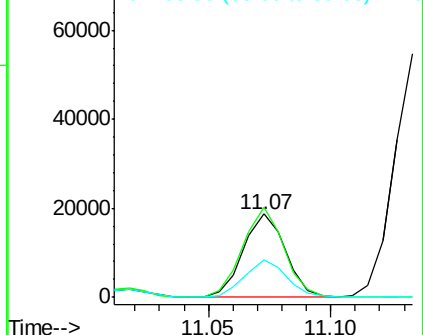
89 45.4 36.0 54.0



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: 18.696 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX009192.D

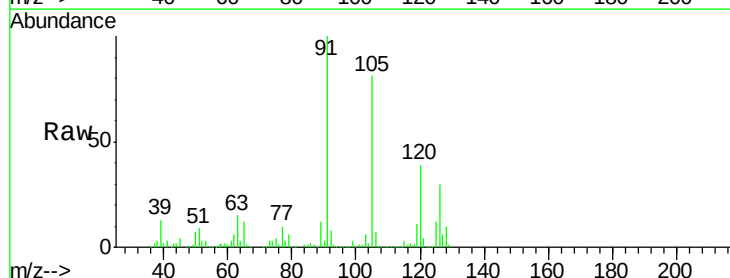
Acq: 26 Apr 2019 16:10

Tgt Ion: 91 Resp: 152275

Ion Ratio Lower Upper

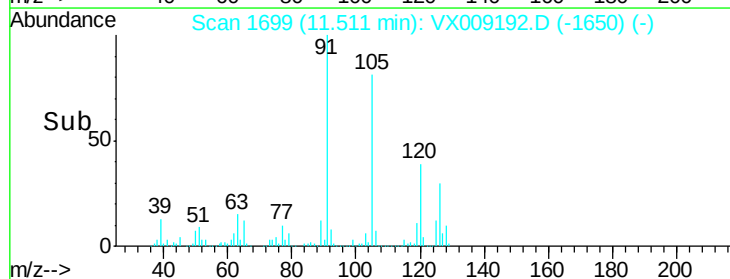
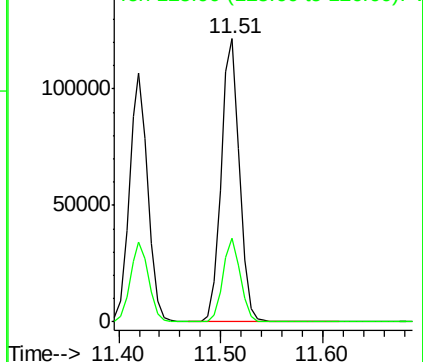
91 100

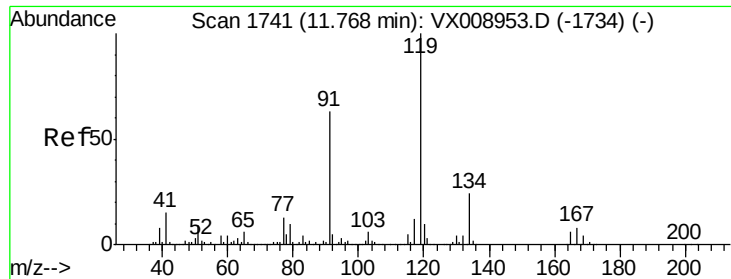
126 28.3 14.3 42.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

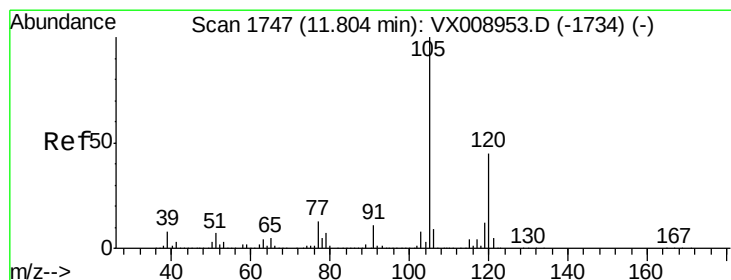
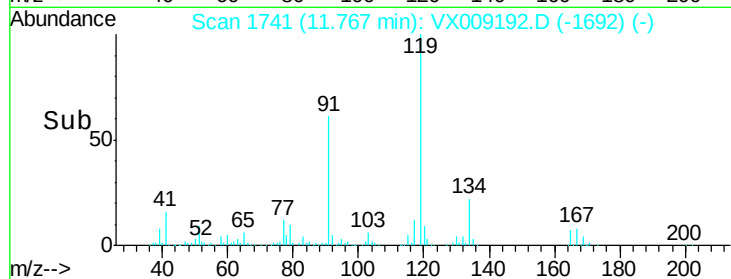
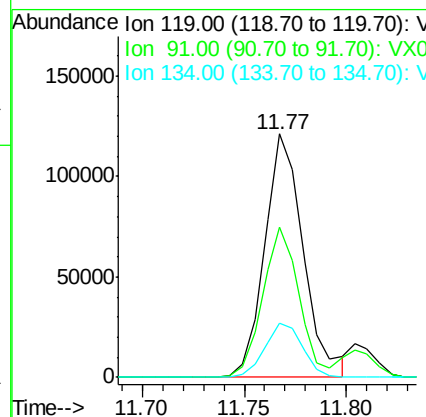
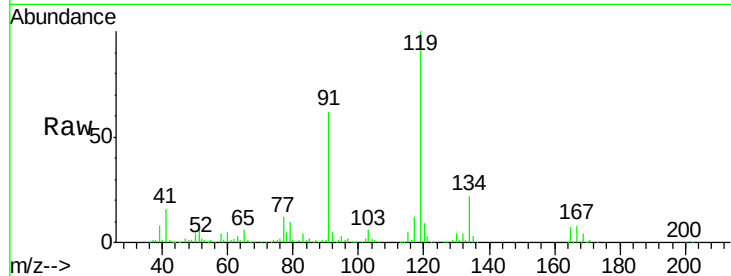




#83
 tert-Butylbenzene
 Concen: 19.568 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX009192.D
 Acq: 26 Apr 2019 16:10

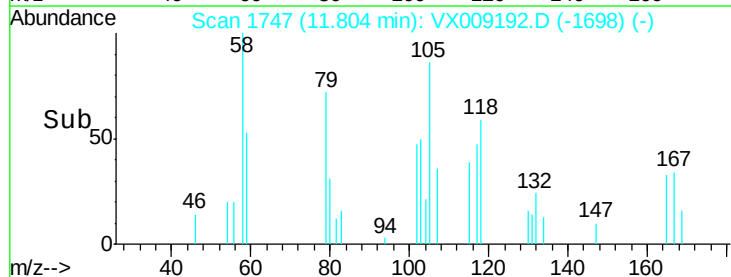
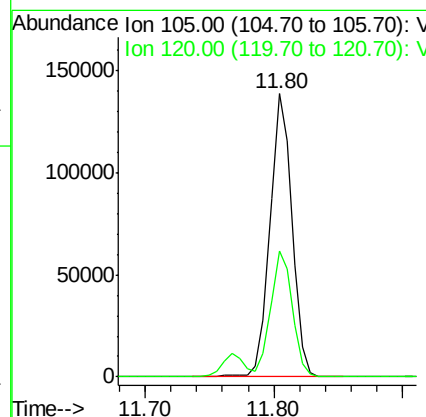
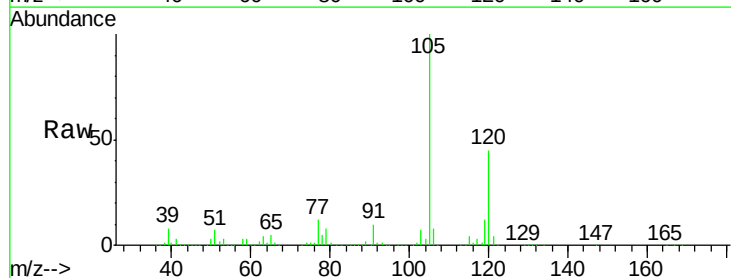
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0426WBSD01

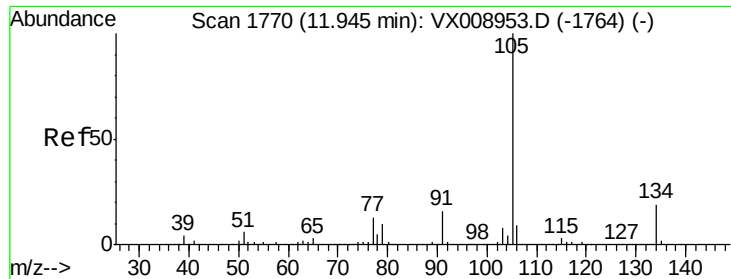
Tot Ion:119 Resp: 159851
 Ion Ratio Lower Upper
 119 100
 91 57.8 29.7 89.1
 134 21.9 11.2 33.5



#84
 1,2,4-Trimethylbenzene
 Concen: 19.047 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX009192.D
 Acq: 26 Apr 2019 16:10

Tgt Ion:105 Resp: 164967
 Ion Ratio Lower Upper
 105 100
 120 43.8 21.9 65.8





#85

sec-Butylbenzene

Concen: 19.077 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX009192.D

Acq: 26 Apr 2019 16:10

Instrument :

MSVOA_X

ClientSampleId :

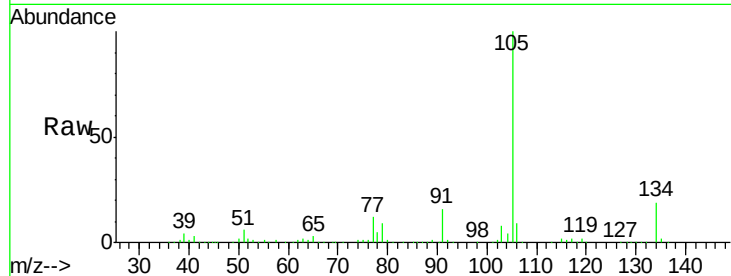
VX0426WBSD01

Tot Ion:105 Resp: 185868

Ion Ratio Lower Upper

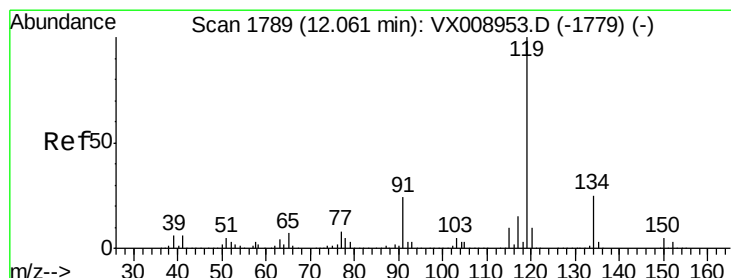
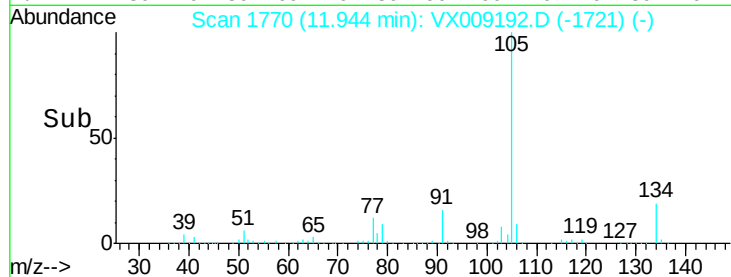
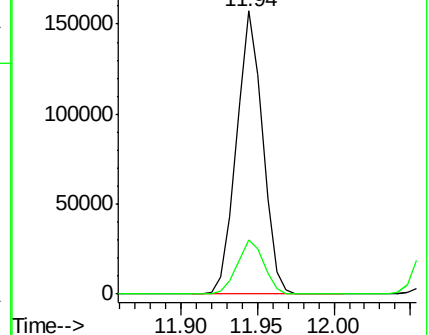
105 100

134 19.7 9.6 28.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.879 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX009192.D

Acq: 26 Apr 2019 16:10

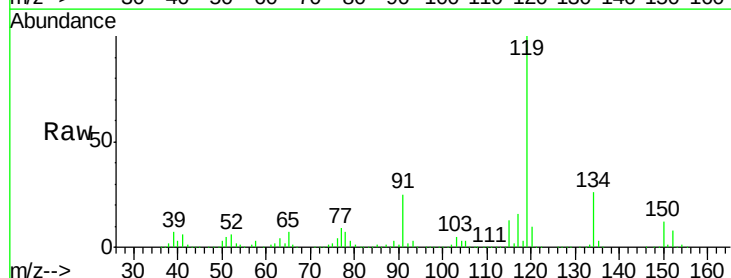
Tgt Ion:119 Resp: 169107

Ion Ratio Lower Upper

119 100

134 26.0 12.9 38.6

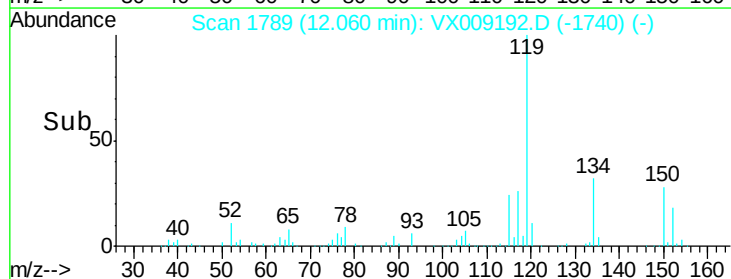
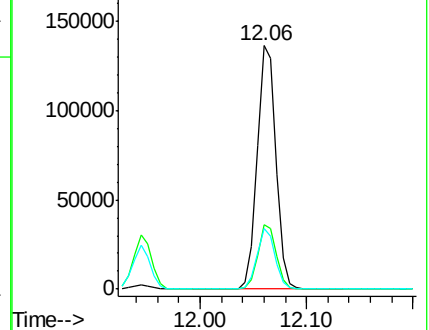
91 23.9 11.9 35.5

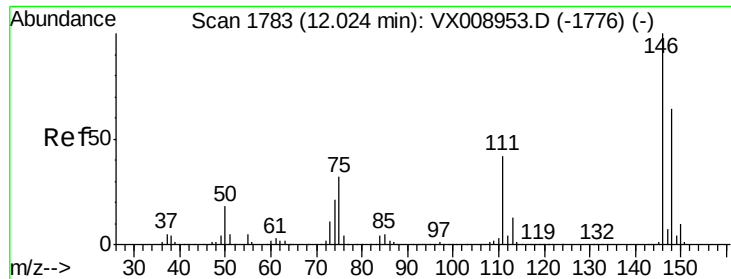


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

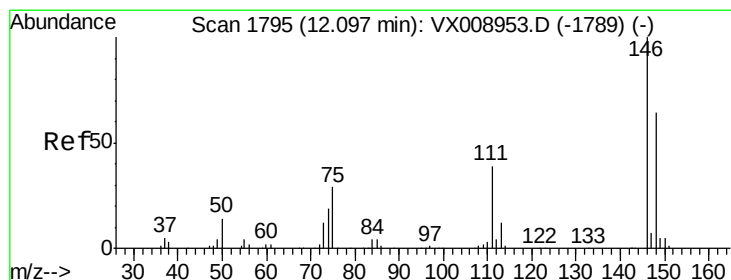
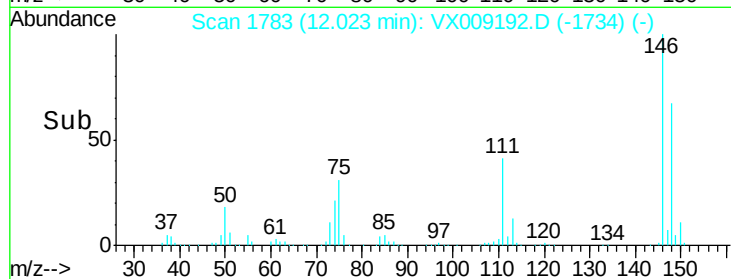
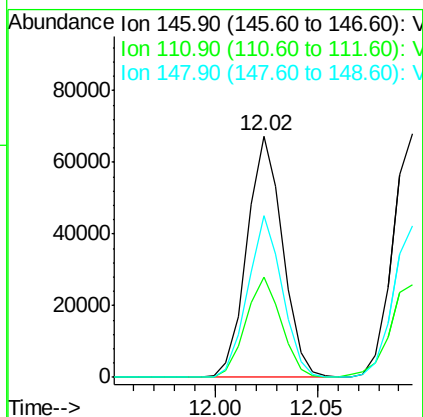
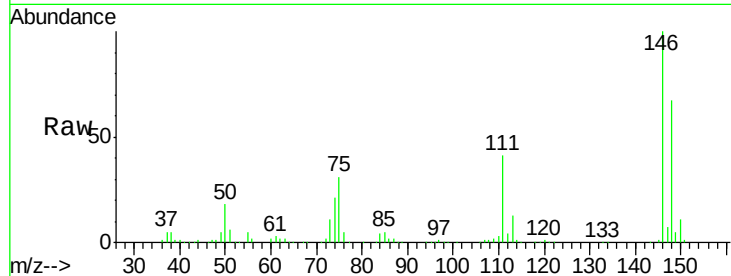




#87
 1,3-Dichlorobenzene
 Concen: 18.286 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX009192.D
 Acq: 26 Apr 2019 16:10

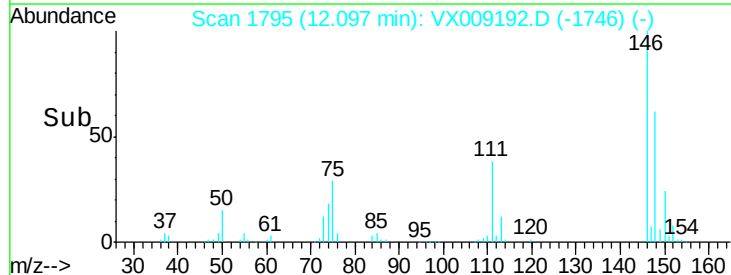
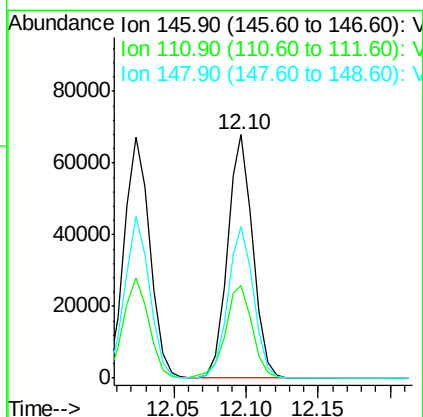
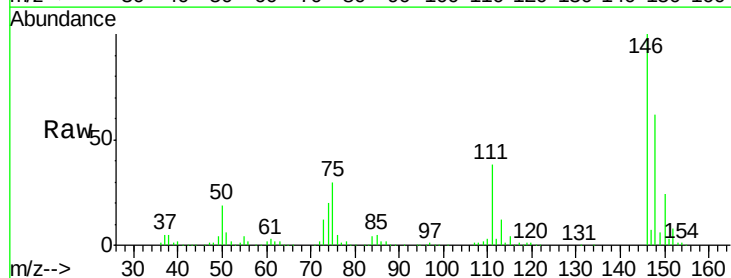
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0426WBSD01

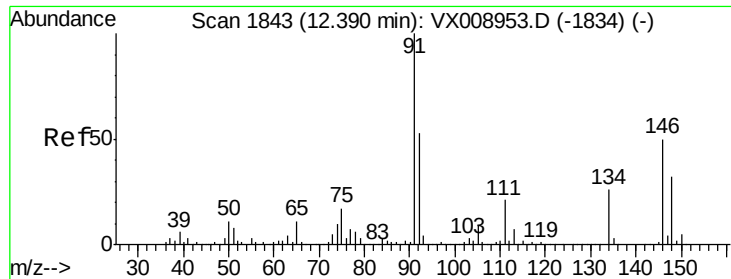
Tot Ion:146 Resp: 81878
 Ion Ratio Lower Upper
 146 100
 111 41.3 20.5 61.6
 148 64.9 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 18.362 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX009192.D
 Acq: 26 Apr 2019 16:10

Tgt Ion:146 Resp: 83346
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.0 59.9
 148 63.6 32.2 96.6





#89

n-Butylbenzene

Concen: 17.960 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.01 min

Lab File: VX009192.D

Acq: 26 Apr 2019 16:10

Instrument :

MSVOA_X

ClientSampleId :

VX0426WBSD01

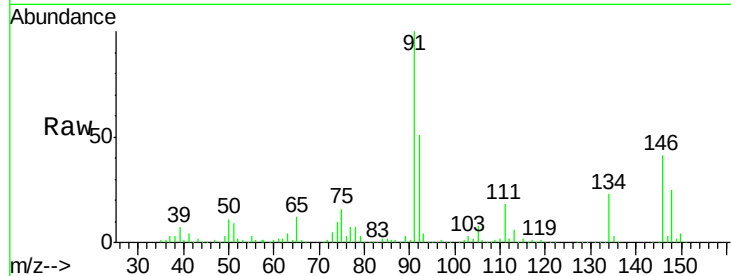
Tot Ion: 91 Resp: 149828

Ion Ratio Lower Upper

91 100

92 52.6 26.6 79.8

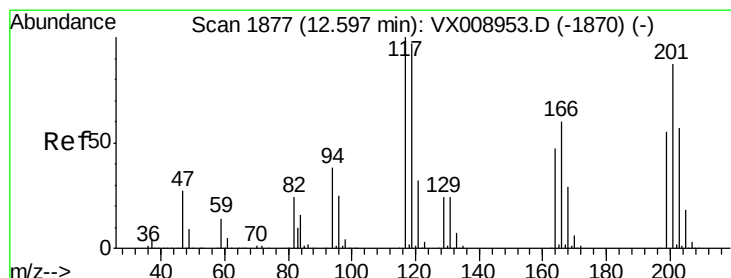
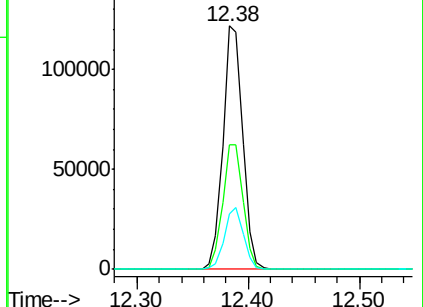
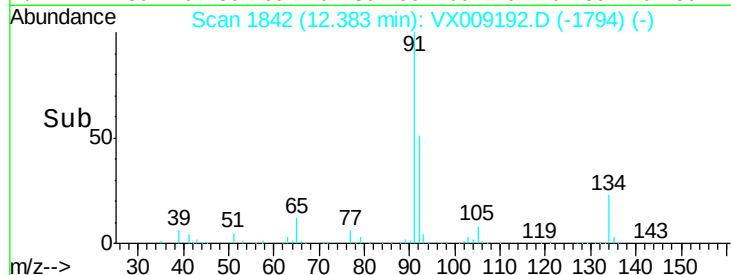
134 24.6 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX008953.D (-1834) (-)

Ion 92.00 (91.70 to 92.70): VX008953.D (-1834) (-)

Ion 134.00 (133.70 to 134.70): VX008953.D (-1834) (-)



#90

Hexachloroethane

Concen: 18.515 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX009192.D

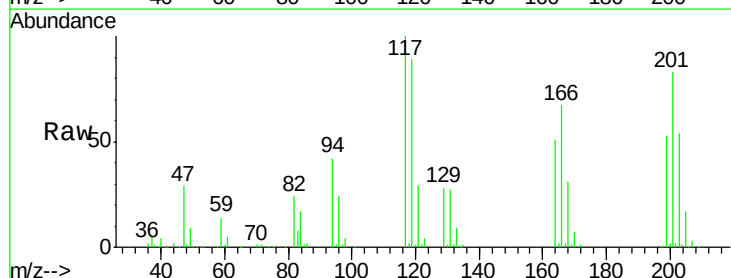
Acq: 26 Apr 2019 16:10

Tgt Ion: 117 Resp: 27357

Ion Ratio Lower Upper

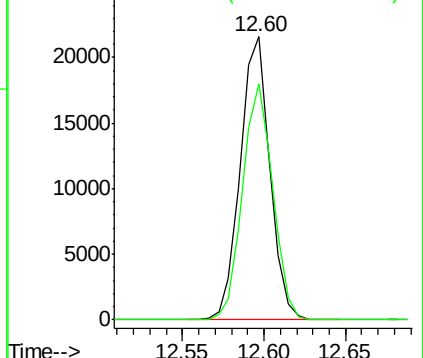
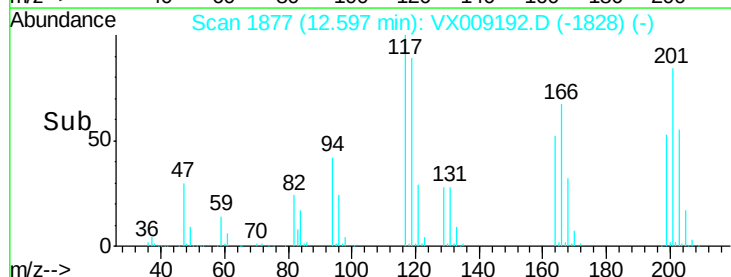
117 100

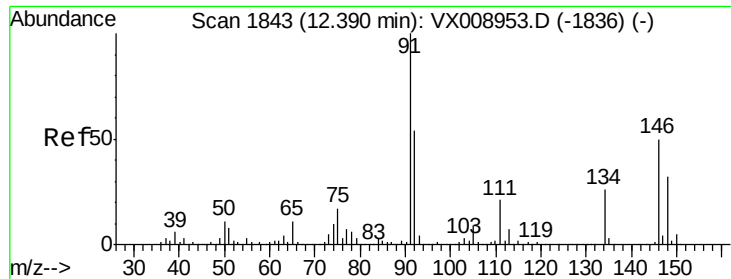
201 84.7 43.0 129.0



Abundance Ion 116.80 (116.50 to 117.50): VX008953.D (-1870) (-)

Ion 200.70 (200.40 to 201.40): VX008953.D (-1870) (-)

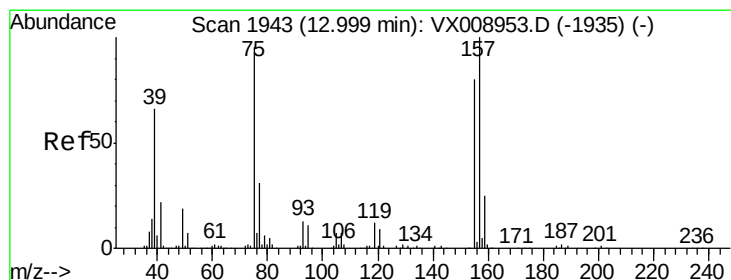
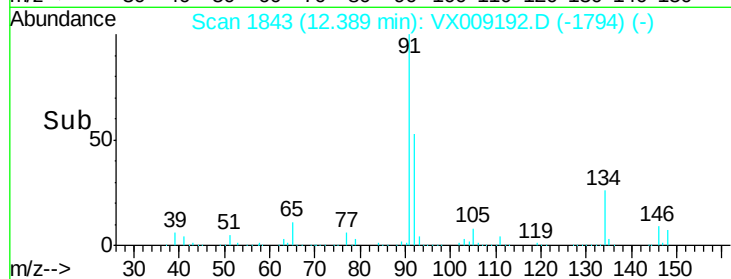
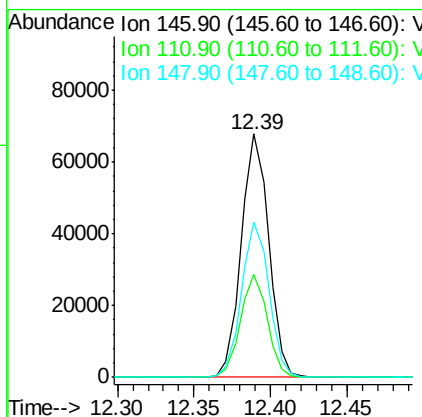
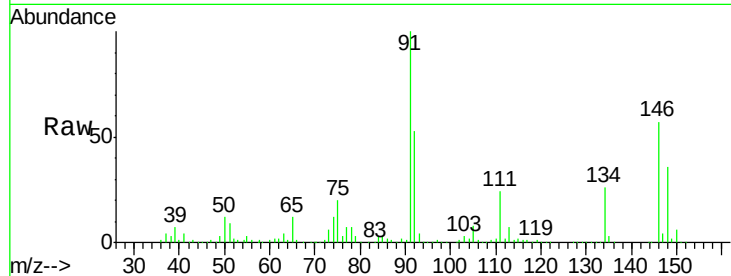




#91
 1,2-Dichlorobenzene
 Concen: 19.129 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX009192.D
 Acq: 26 Apr 2019 16:10

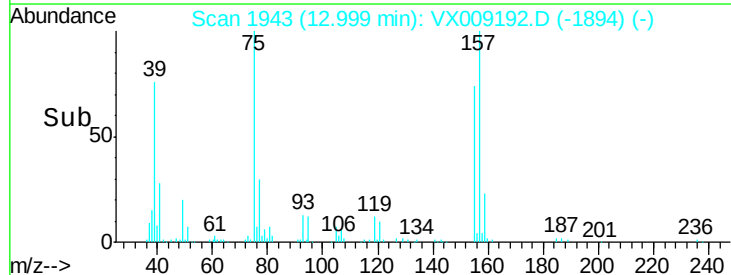
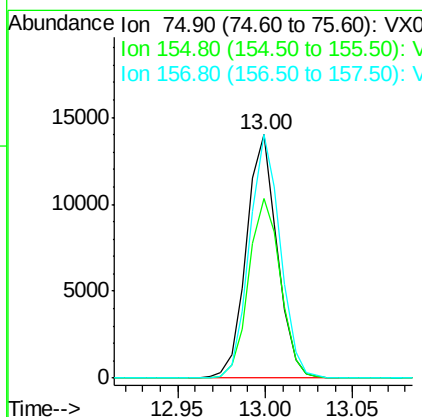
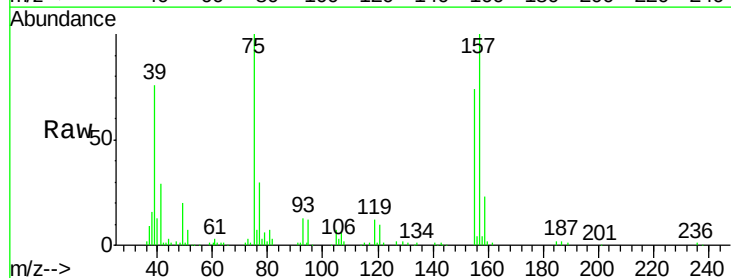
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0426WBSD01

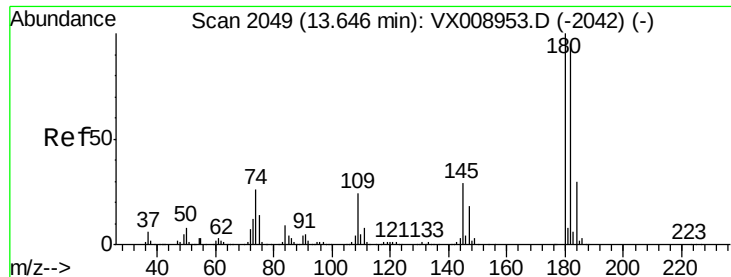
Tot Ion:146 Resp: 84580
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.6 61.9
 148 63.9 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.203 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX009192.D
 Acq: 26 Apr 2019 16:10

Tgt Ion: 75 Resp: 17042
 Ion Ratio Lower Upper
 75 100
 155 76.7 41.2 123.6
 157 100.4 52.5 157.6

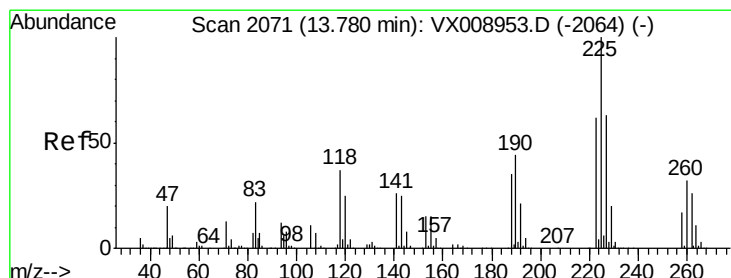
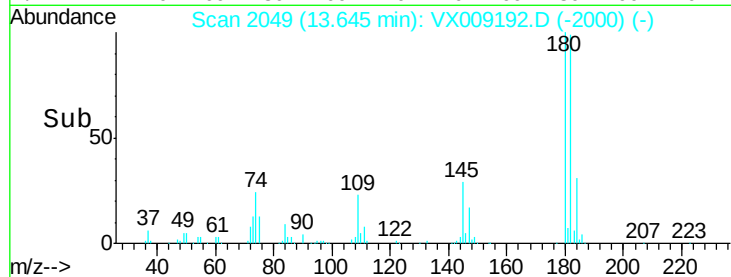
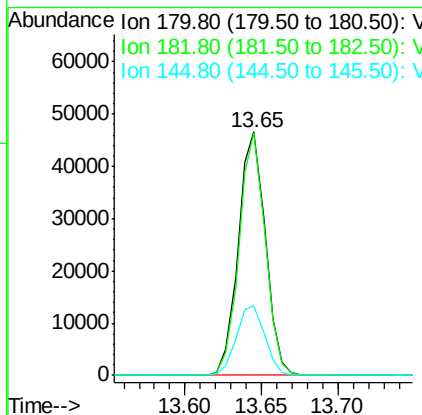
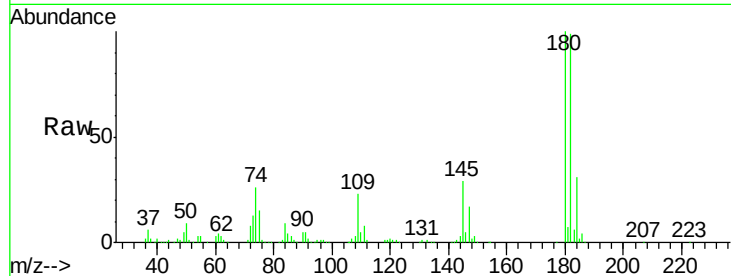




#93
 1,2,4-Trichlorobenzene
 Concen: 17.867 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX009192.D
 Acq: 26 Apr 2019 16:10

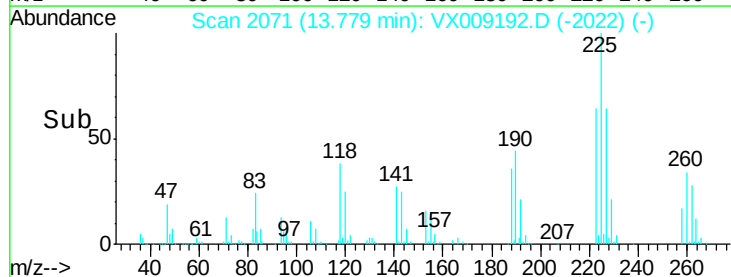
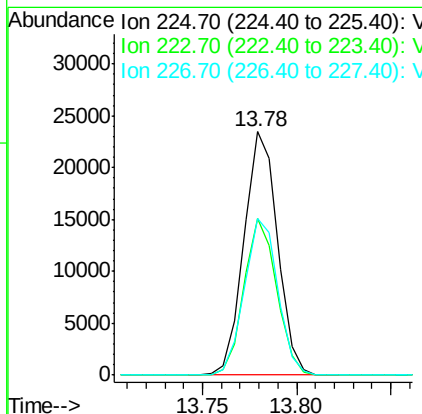
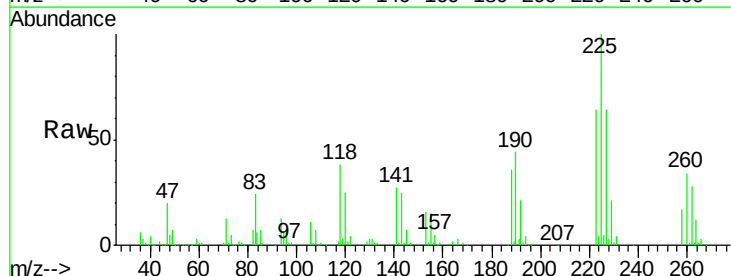
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0426WBSD01

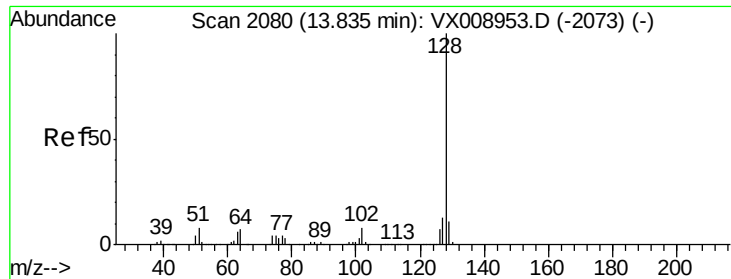
Tot Ion:180 Resp: 57025
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.6 142.9
 145 30.0 14.8 44.4



#94
 Hexachlorobutadiene
 Concen: 18.145 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX009192.D
 Acq: 26 Apr 2019 16:10

Tgt Ion:225 Resp: 28885
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.1 93.2
 227 64.4 32.0 96.2





#95

Naphthalene

Concen: 19.226 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX009192.D

Acq: 26 Apr 2019 16:10

Instrument :

MSVOA_X

ClientSampleId :

VX0426WBSD01

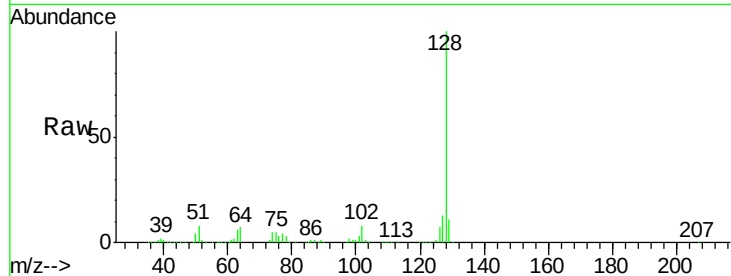
Tot Ion:128 Resp: 196595

Ion Ratio Lower Upper

128 100

127 12.8 10.6 16.0

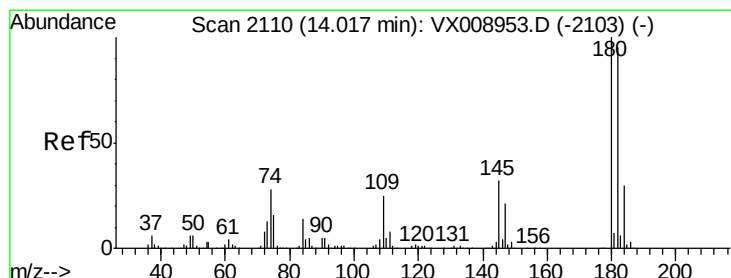
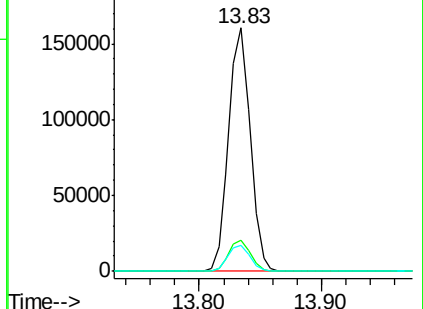
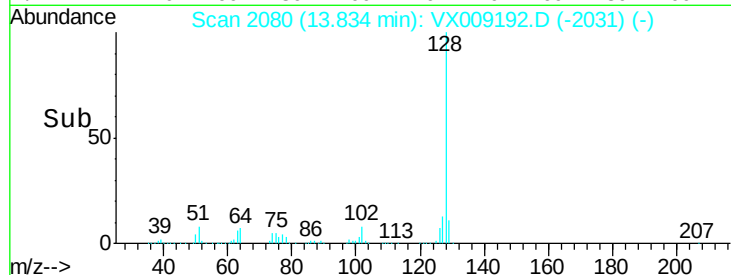
129 10.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.781 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX009192.D

Acq: 26 Apr 2019 16:10

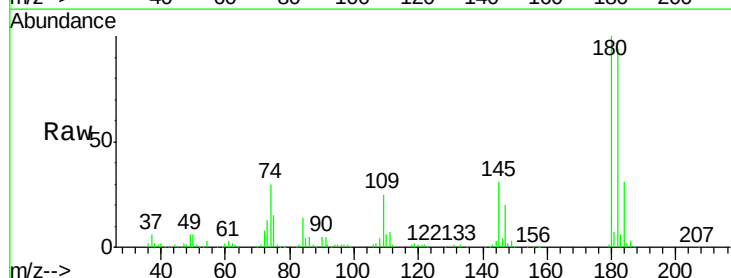
Tgt Ion:180 Resp: 59145

Ion Ratio Lower Upper

180 100

182 95.3 47.8 143.4

145 30.8 15.8 47.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

