

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX030719\
 Data File : VX007882.D
 Acq On : 07 Mar 2019 14:31
 Operator : JC/SP
 Sample : VX0307WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0307WBSD01

Quant Time: Mar 08 04:42:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 07:33:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	269412	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	399622	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	347853	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	171007	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	150409	52.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.84%	
35) Dibromofluoromethane	5.50	113	129990	50.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.70%	
50) Toluene-d8	8.71	98	472065	50.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.56%	
62) 4-Bromofluorobenzene	11.13	95	164849	50.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.16%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	42732	18.565	ug/l	98
3) Chloromethane	1.33	50	57143	19.264	ug/l	99
4) Vinyl Chloride	1.41	62	56878	19.298	ug/l	99
5) Bromomethane	1.64	94	29522	20.683	ug/l	98
6) Chloroethane	1.73	64	36614	18.700	ug/l	99
7) Trichlorofluoromethane	1.93	101	72122	18.795	ug/l	98
8) Diethyl Ether	2.19	74	33078	19.906	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	43869	18.448	ug/l	99
10) Methyl Iodide	2.51	142	67710	20.071	ug/l	100
11) Tert butyl alcohol	3.07	59	66846	105.174	ug/l	99
12) 1,1-Dichloroethene	2.38	96	43591	19.017	ug/l	99
13) Acrolein	2.30	56	37804	105.999	ug/l	97
14) Allyl chloride	2.73	41	91844	19.068	ug/l	98
15) Acrylonitrile	3.15	53	158743	98.951	ug/l	99
16) Acetone	2.45	43	133204	80.976	ug/l	99
17) Carbon Disulfide	2.57	76	132032	18.687	ug/l	100
18) Methyl Acetate	2.78	43	71153	20.360	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	158884	20.148	ug/l	100
20) Methylene Chloride	2.86	84	51007	19.483	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	46966	18.621	ug/l	98
22) Diisopropyl ether	3.87	45	178046	20.165	ug/l	98
23) Vinyl Acetate	3.82	43	771704	99.669	ug/l	100
24) 1,1-Dichloroethane	3.70	63	92740	19.518	ug/l	100
25) 2-Butanone	4.70	43	220207	94.555	ug/l	99
26) 2,2-Dichloropropane	4.59	77	53826	17.099	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	55217	19.132	ug/l	99
28) Bromochloromethane	5.02	49	44738	20.196	ug/l	98
29) Tetrahydrofuran	5.15	42	147225	101.347	ug/l	99
30) Chloroform	5.21	83	89090	19.821	ug/l	99
31) Cyclohexane	5.57	56	79729	18.257	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	71727	19.234	ug/l	99
36) 1,1-Dichloropropene	5.80	75	65261	18.035	ug/l	100
37) Ethyl Acetate	4.85	43	83051	19.341	ug/l	100
38) Carbon Tetrachloride	5.78	117	61467	17.893	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	77113	17.587	ug/l	97
40) Benzene	6.14	78	207920	19.301	ug/l	99
41) Methacrylonitrile	5.06	41	46523	19.872	ug/l	98
42) 1,2-Dichloroethane	6.20	62	69258	19.659	ug/l	99
43) Isopropyl Acetate	6.46	43	123377	19.414	ug/l	100
44) Trichloroethene	7.21	130	53685	18.084	ug/l	99
45) 1,2-Dichloropropane	7.52	63	55741	19.591	ug/l	99
46) Dibromomethane	7.66	93	35023	19.451	ug/l	100
47) Bromodichloromethane	7.90	83	64349	18.849	ug/l	100
48) Methyl methacrylate	7.77	41	64466	19.294	ug/l	99
49) 1,4-Dioxane	7.75	88	27242	396.905	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	411524	100.692	ug/l	100
52) Toluene	8.79	92	125162	19.031	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	65942	18.507	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	75831	18.846	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	52830	19.843	ug/l	98
56) Ethyl methacrylate	9.18	69	79674	19.931	ug/l	99
57) 1,3-Dichloropropane	9.37	76	88533	19.805	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	210933	102.009	ug/l	100
59) 2-Hexanone	9.49	43	308753	97.306	ug/l	100
60) Dibromochloromethane	9.58	129	53079	19.074	ug/l	98
61) 1,2-Dibromoethane	9.67	107	55250	19.546	ug/l	99
64) Tetrachloroethene	9.34	164	53385	18.520	ug/l	99
65) Chlorobenzene	10.14	112	136651	18.773	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	50008	19.169	ug/l	99
67) Ethyl Benzene	10.25	91	224567	18.742	ug/l	99
68) m/p-Xylenes	10.36	106	173101	37.480	ug/l	99
69) o-Xylene	10.69	106	84443	18.938	ug/l	100
70) Styrene	10.71	104	139512	19.120	ug/l	99
71) Bromoform	10.85	173	41145	18.365	ug/l #	99
73) Isopropylbenzene	11.02	105	225396	19.489	ug/l	99
74) N-amyl acetate	10.90	43	104129	19.722	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	79575	19.947	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	86470	24.097	ug/l	93
77) Bromobenzene	11.26	156	60802	19.175	ug/l	99
78) n-propylbenzene	11.36	91	246730	19.230	ug/l	100
79) 2-Chlorotoluene	11.42	91	148639	18.947	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	185907	19.530	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	19889	17.717	ug/l	92
82) 4-Chlorotoluene	11.51	91	169596	18.864	ug/l	100
83) tert-Butylbenzene	11.77	119	181945	18.975	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	189207	19.390	ug/l	100
85) sec-Butylbenzene	11.94	105	217312	19.243	ug/l	99
86) p-Isopropyltoluene	12.06	119	194282	19.210	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	104459	18.621	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	105700	18.399	ug/l	99
89) n-Butylbenzene	12.38	91	156583	18.275	ug/l	100
90) Hexachloroethane	12.60	117	30451	18.008	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	106472	19.106	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	15543	18.642	ug/l	99

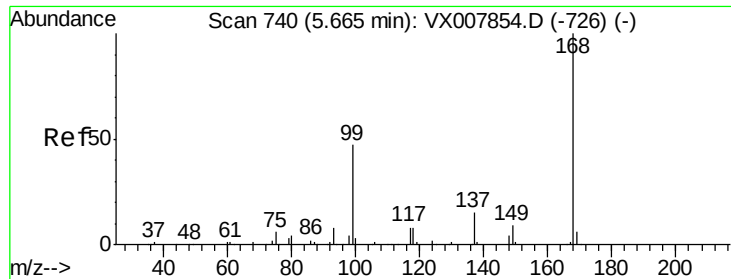
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX030719\
Data File : VX007882.D
Acq On : 07 Mar 2019 14:31
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ClientSampleId :
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Quant Time: Mar 08 04:42:23 2019
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Quant Title : SW846 8260
QLast Update : Thu Mar 07 07:33:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	71318	18.217	ug/l	99
94) Hexachlorobutadiene	13.78	225	38499	18.810	ug/l	98
95) Naphthalene	13.83	128	216604	19.202	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	73740	18.908	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX007882.D

Acq: 07 Mar 2019 14:31

Instrument :

MSVOA_X

ClientSampleId :

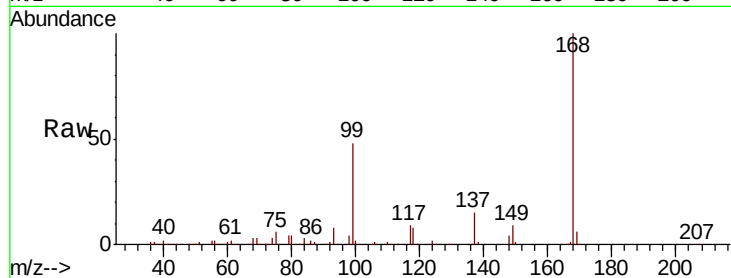
VX0307WBSD01

Tgt Ion:168 Resp: 269412

Ion Ratio Lower Upper

168 100

99 47.7 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): VX007854.D (-726) (-)

Ion 98.90 (98.60 to 99.60): VX007854.D (-726) (-)

5.67

100000

80000

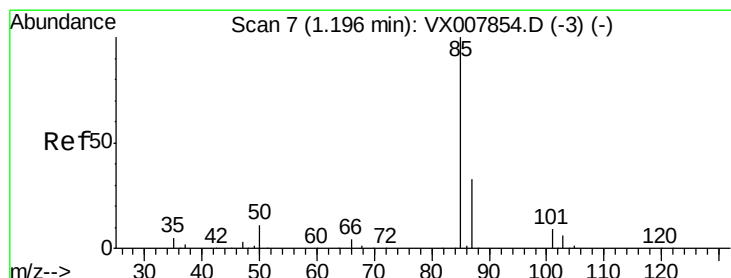
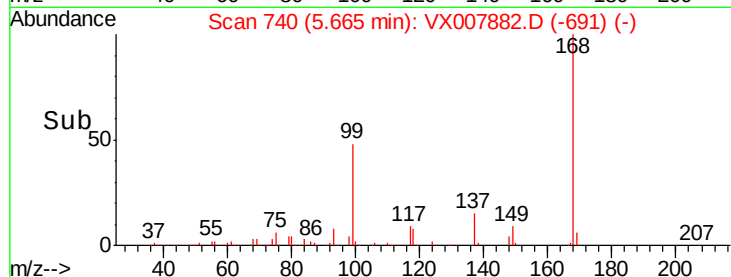
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 18.565 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX007882.D

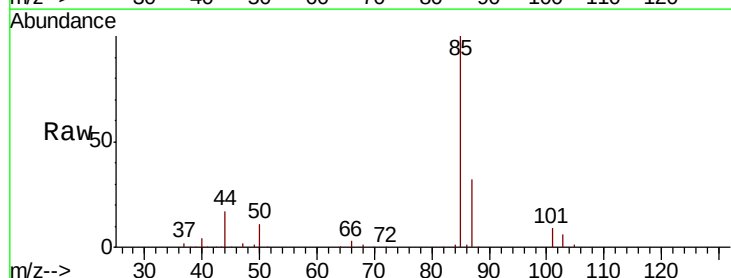
Acq: 07 Mar 2019 14:31

Tgt Ion: 85 Resp: 42732

Ion Ratio Lower Upper

85 100

87 31.8 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX007854.D (-3) (-)

Ion 86.90 (86.60 to 87.60): VX007854.D (-3) (-)

1.20

40000

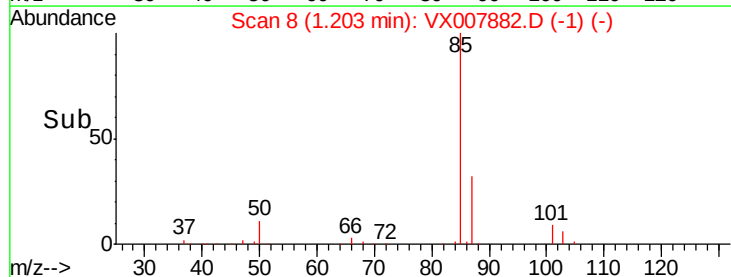
30000

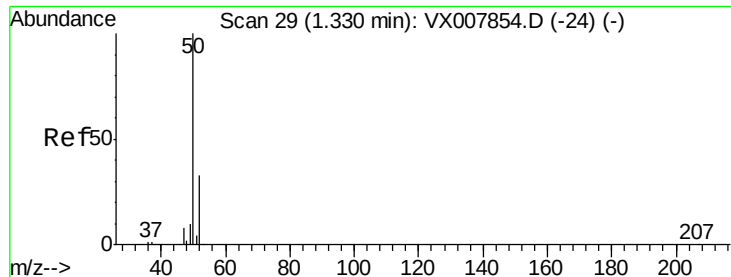
20000

10000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 19.264 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007882.D

Acq: 07 Mar 2019 14:31

Instrument :

MSVOA_X

ClientSampleId :

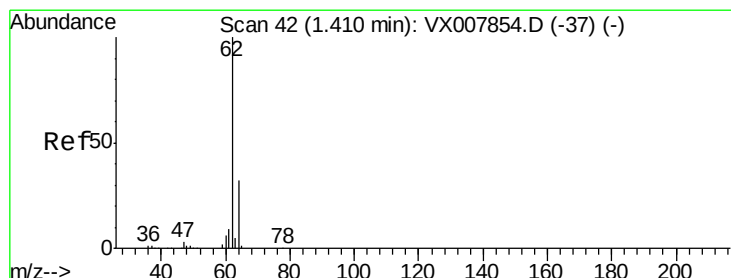
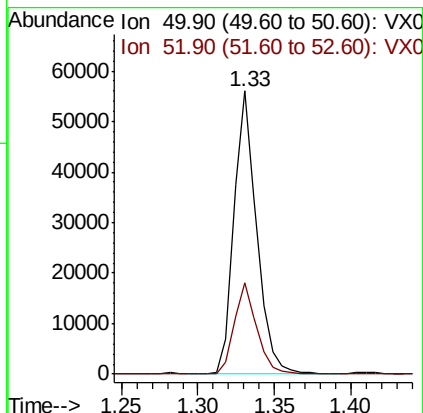
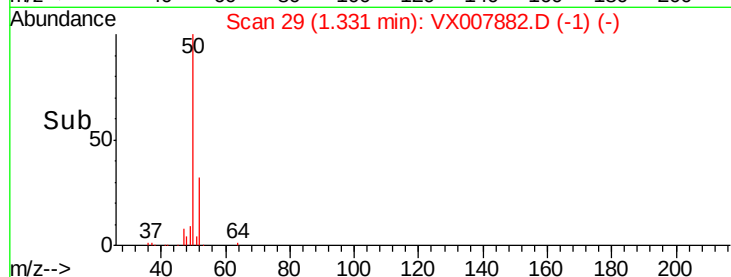
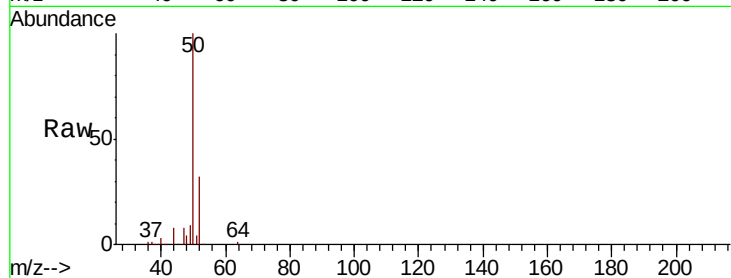
VX0307WBSD01

Tgt Ion: 50 Resp: 57143

Ion Ratio Lower Upper

50 100

52 32.3 26.5 39.7



#4

Vinyl Chloride

Concen: 19.298 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007882.D

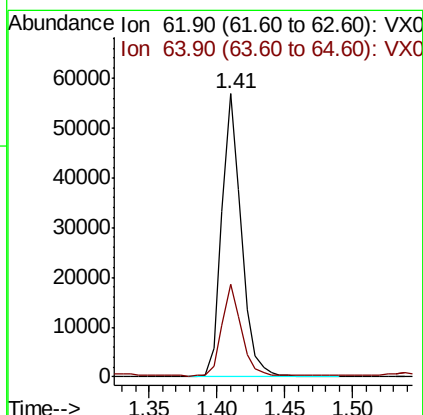
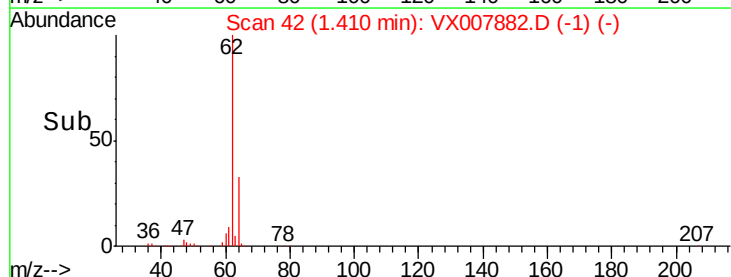
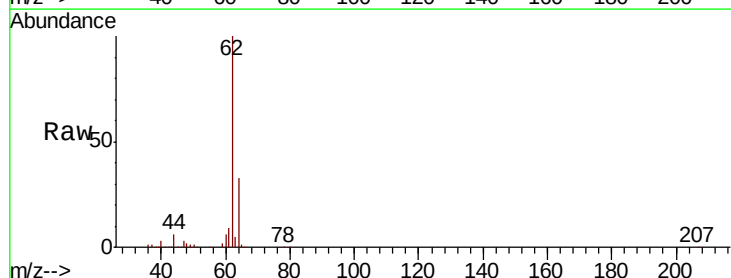
Acq: 07 Mar 2019 14:31

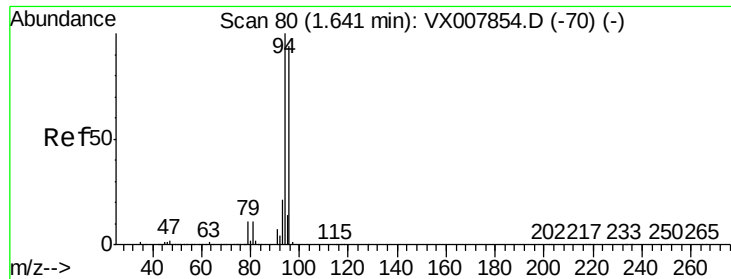
Tgt Ion: 62 Resp: 56878

Ion Ratio Lower Upper

62 100

64 32.4 25.3 37.9





#5

Bromomethane

Concen: 20.683 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007882.D

Acq: 07 Mar 2019 14:31

Instrument :

MSVOA_X

ClientSampleId :

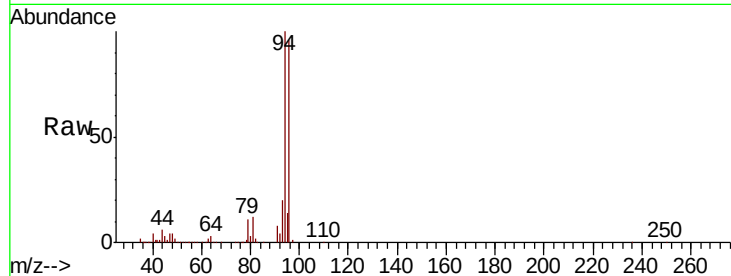
VX0307WBSD01

Tgt Ion: 94 Resp: 29522

Ion Ratio Lower Upper

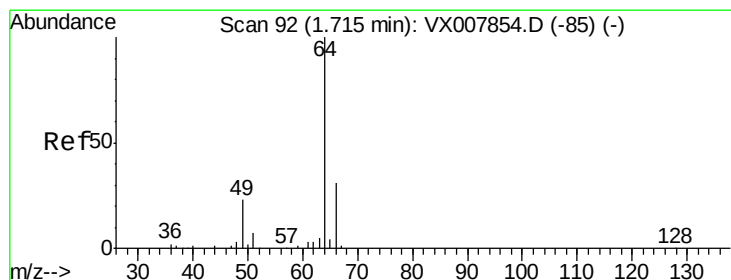
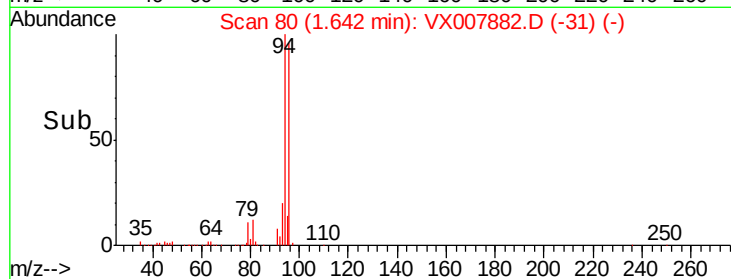
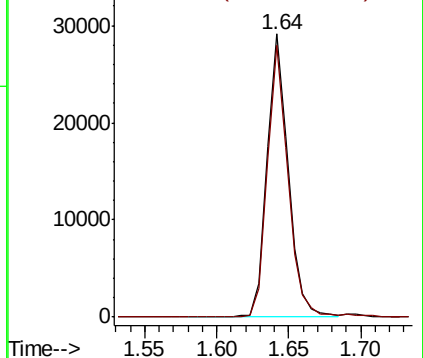
94 100

96 95.9 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 18.700 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX007882.D

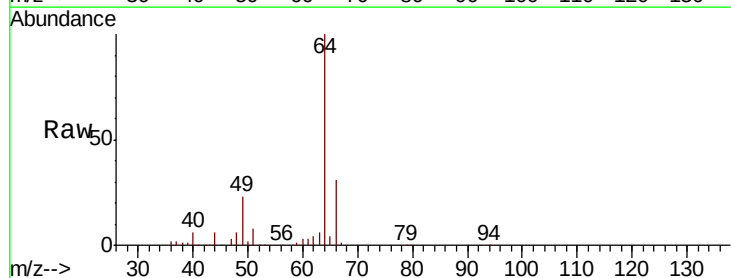
Acq: 07 Mar 2019 14:31

Tgt Ion: 64 Resp: 36614

Ion Ratio Lower Upper

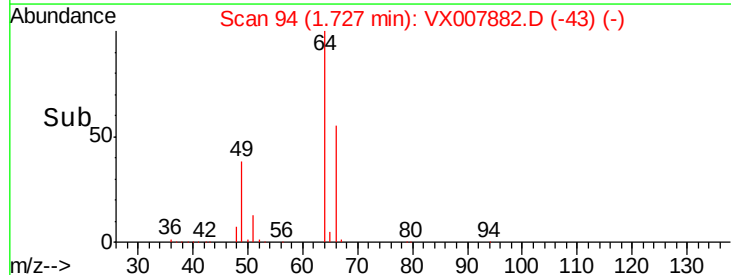
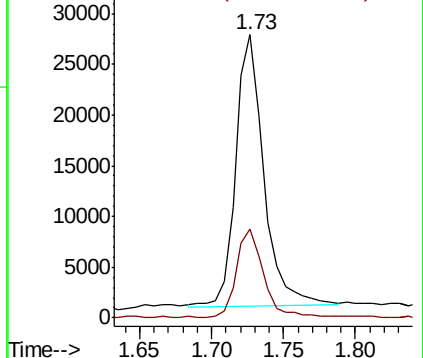
64 100

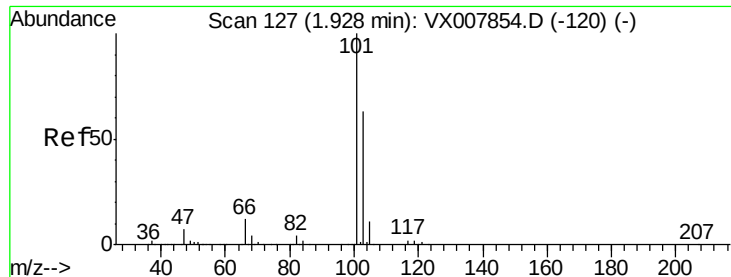
66 32.2 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



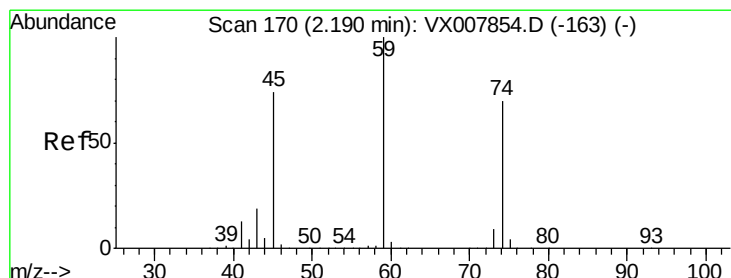
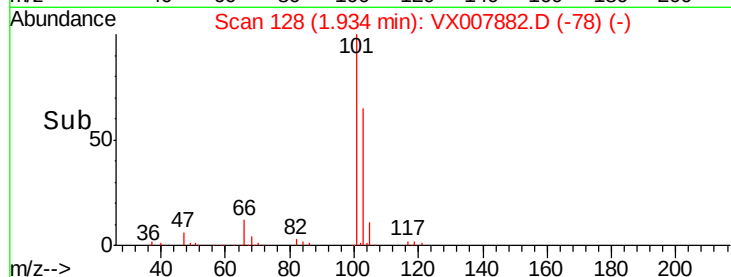
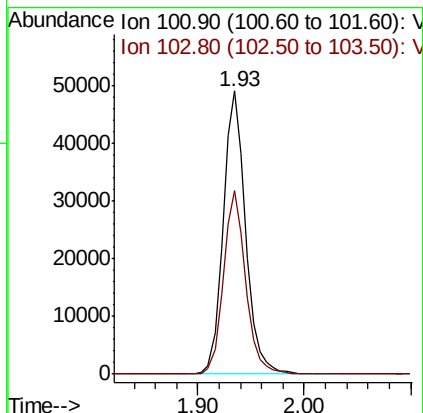
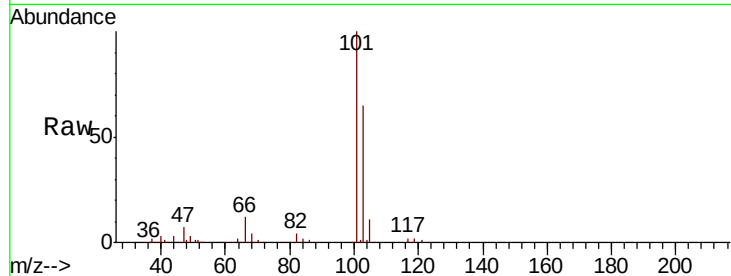


#7

Trichlorofluoromethane
Concen: 18.795 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX007882.D
Acq: 07 Mar 2019 14:31

Instrument :
MSVOA_X
ClientSampleId :
VX0307WBSD01

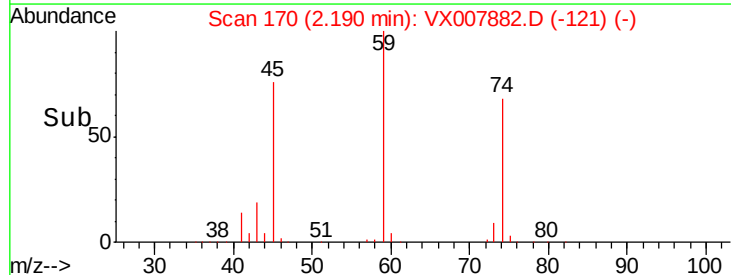
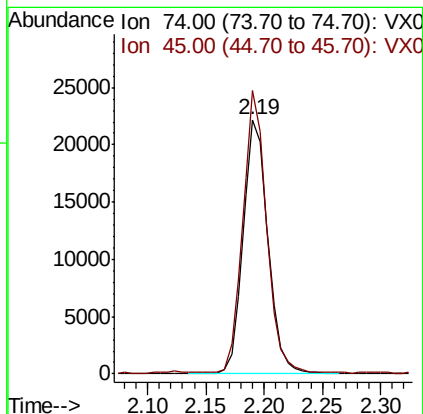
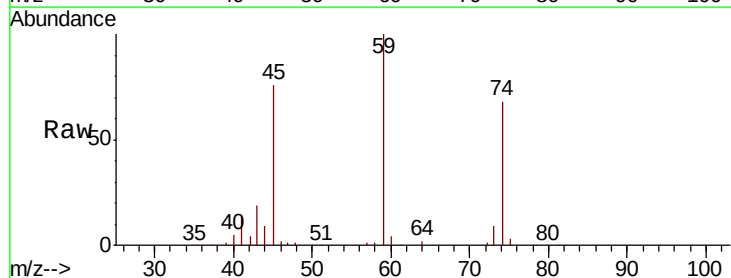
Tgt Ion:101 Resp: 72122
Ion Ratio Lower Upper
101 100
103 64.7 50.4 75.6

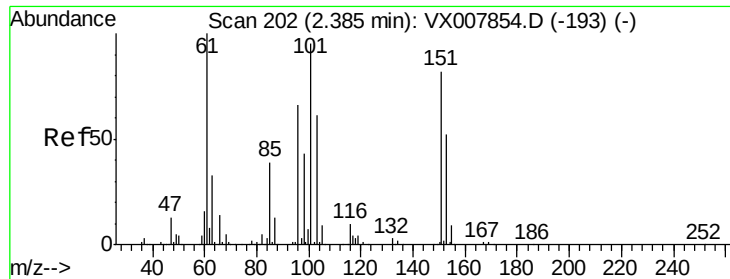


#8

Diethyl Ether
Concen: 19.906 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX007882.D
Acq: 07 Mar 2019 14:31

Tgt Ion: 74 Resp: 33078
Ion Ratio Lower Upper
74 100
45 106.1 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.448 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007882.D

Acq: 07 Mar 2019 14:31

Instrument :

MSVOA_X

ClientSampleId :

VX0307WBSD01

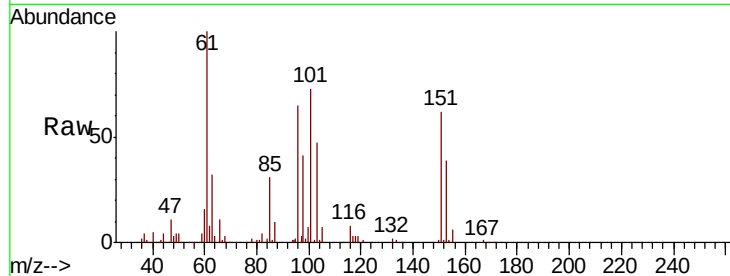
Tgt Ion:101 Resp: 43869

Ion Ratio Lower Upper

101 100

85 42.0 33.8 50.6

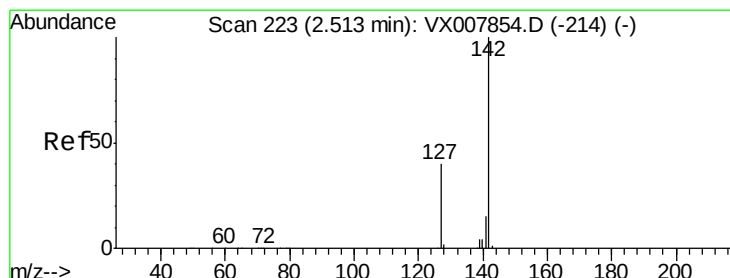
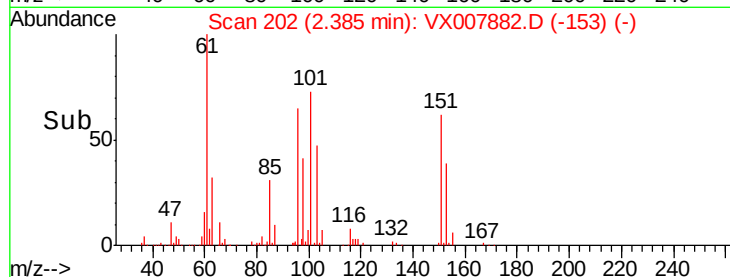
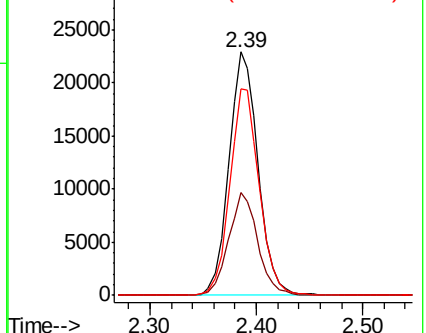
151 85.7 69.1 103.7



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: 20.071 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX007882.D

Acq: 07 Mar 2019 14:31

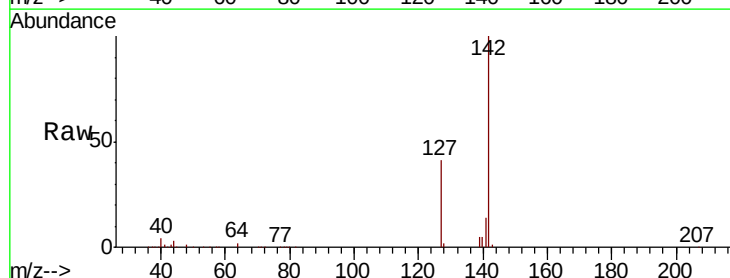
Tgt Ion:142 Resp: 67710

Ion Ratio Lower Upper

142 100

127 40.3 32.1 48.1

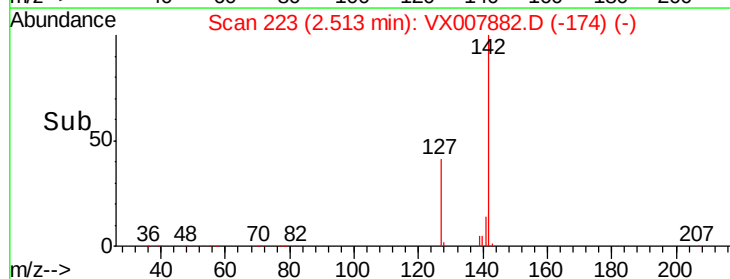
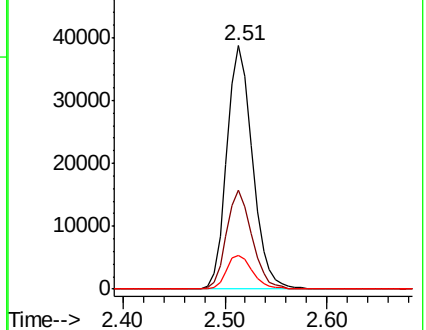
141 14.0 11.4 17.2

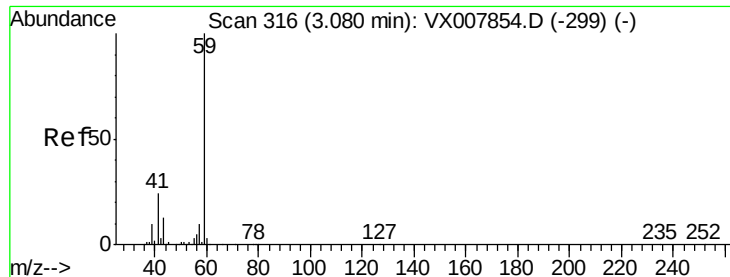


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



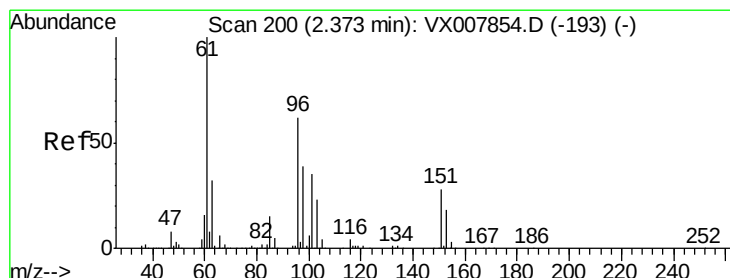
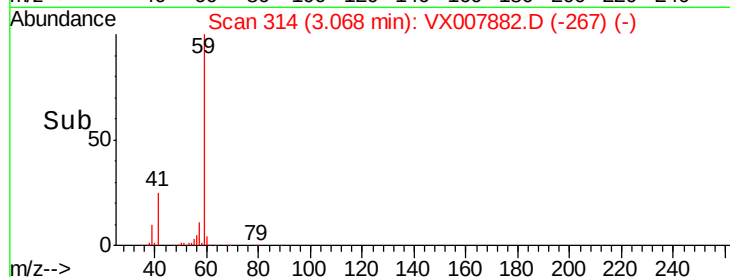
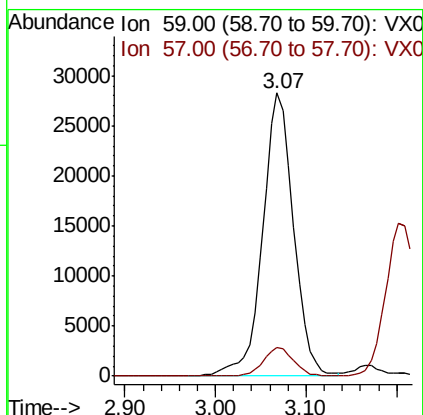
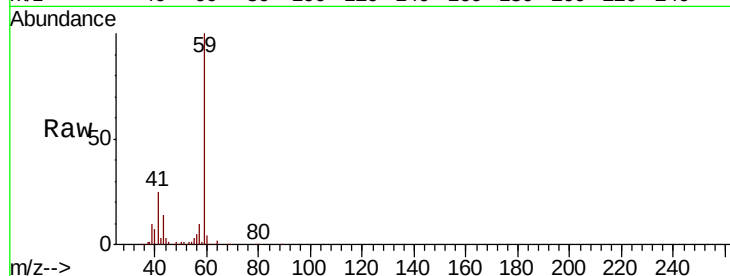


#11

Tert butyl alcohol
 Concen: 105.174 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX007882.D
 Acq: 07 Mar 2019 14:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0307WBSD01

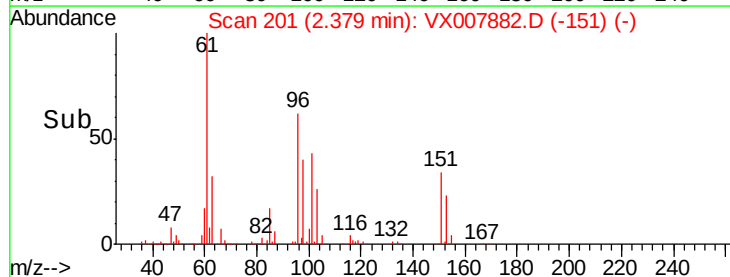
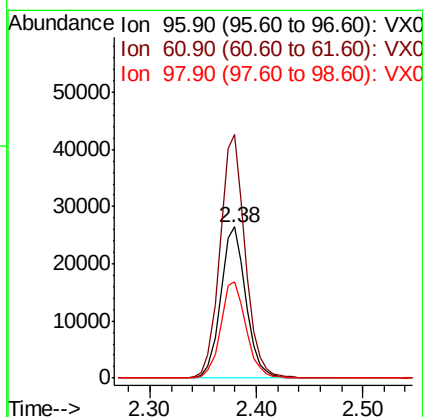
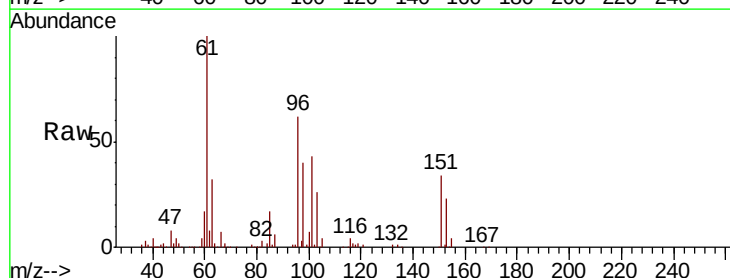
Tgt Ion: 59 Resp: 66846
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.2 12.2

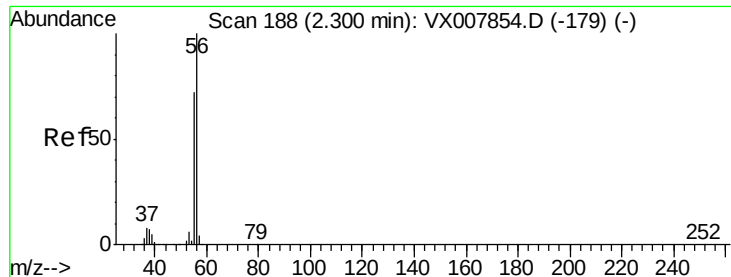


#12

1,1-Dichloroethene
 Concen: 19.017 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. 0.01 min
 Lab File: VX007882.D
 Acq: 07 Mar 2019 14:31

Tgt Ion: 96 Resp: 43591
 Ion Ratio Lower Upper
 96 100
 61 160.9 129.8 194.6
 98 64.0 51.0 76.6





#13

Acrolein

Concen: 105.999 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.00 min

Lab File: VX007882.D

Acq: 07 Mar 2019 14:31

Instrument :

MSVOA_X

ClientSampleId :

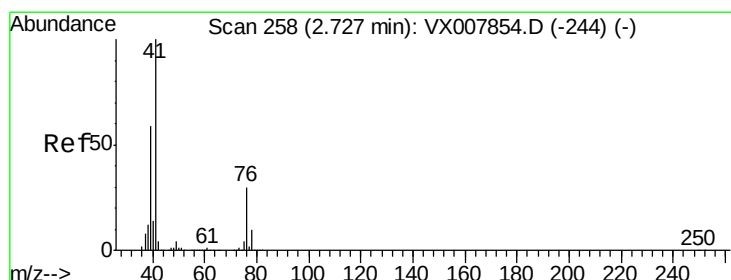
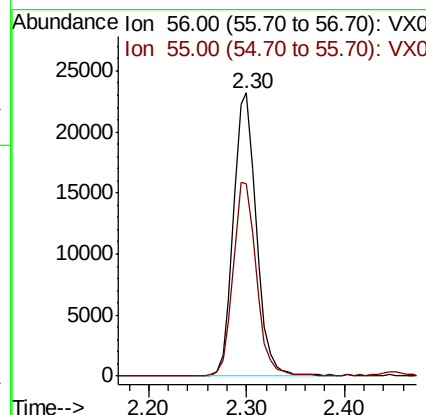
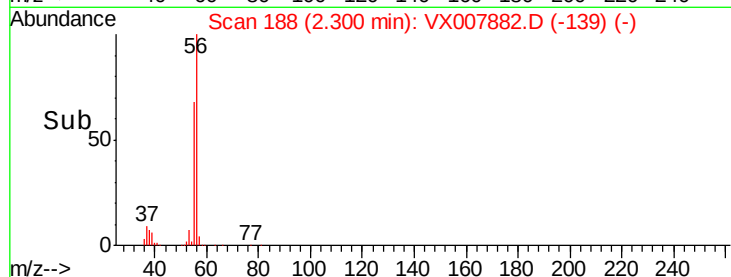
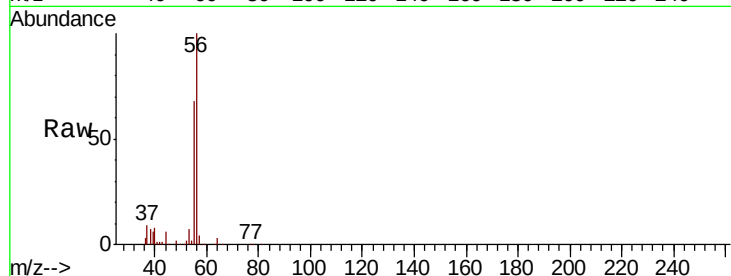
VX0307WBSD01

Tgt Ion: 56 Resp: 37804

Ion Ratio Lower Upper

56 100

55 69.9 57.8 86.6



#14

Allyl chloride

Concen: 19.068 ug/l

RT: 2.73 min Scan# 259

Delta R.T. 0.01 min

Lab File: VX007882.D

Acq: 07 Mar 2019 14:31

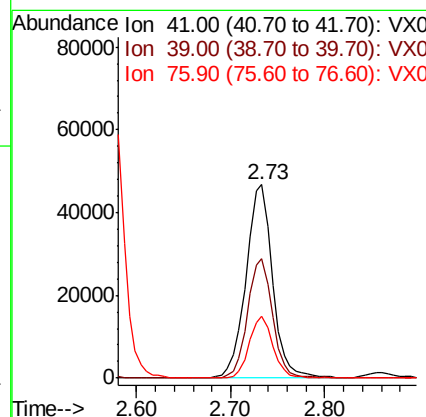
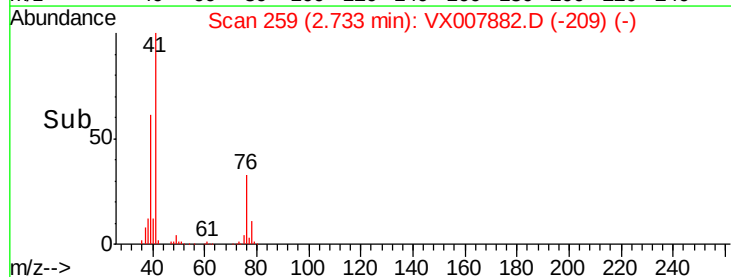
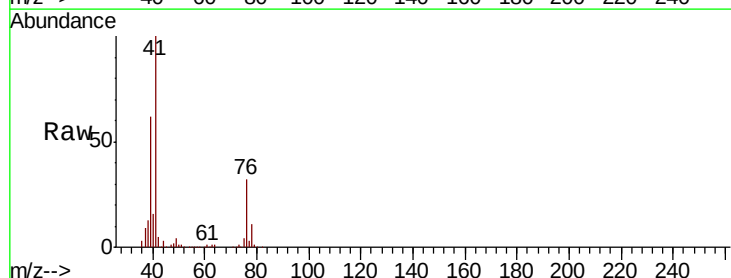
Tgt Ion: 41 Resp: 91844

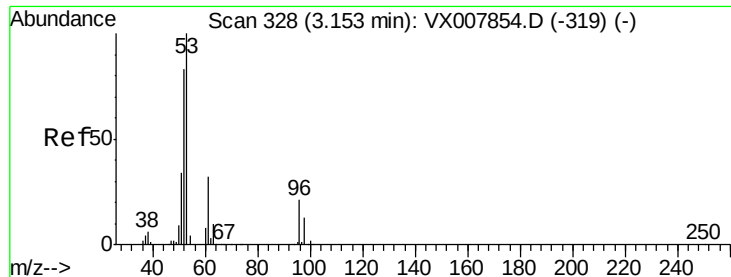
Ion Ratio Lower Upper

41 100

39 59.0 46.1 69.1

76 29.2 24.0 36.0

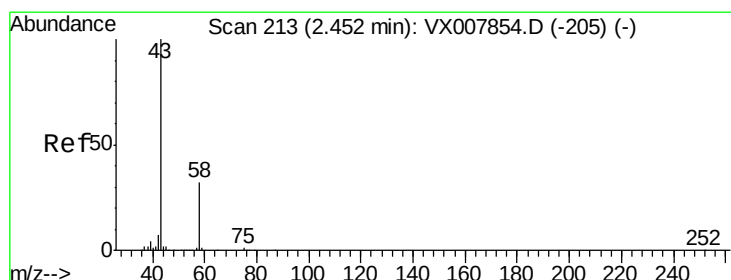
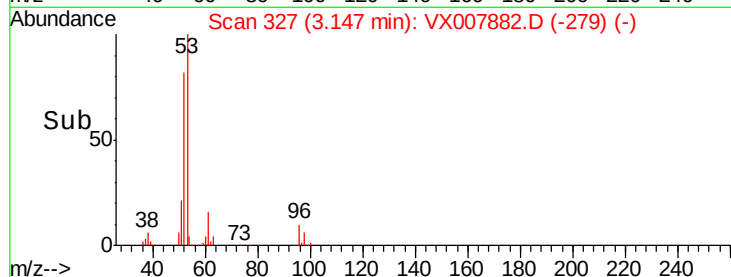
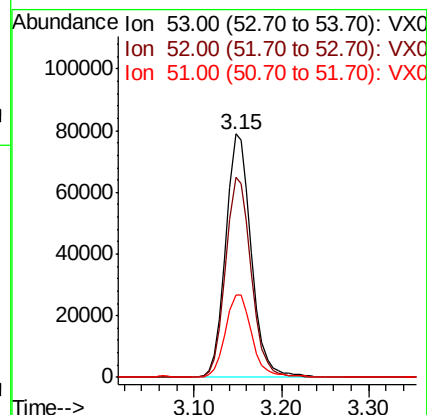
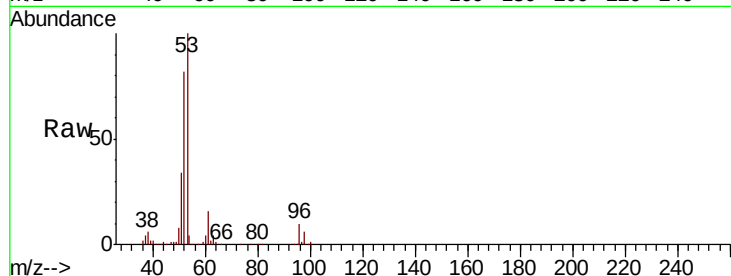




#15
 Acrylonitrile
 Concen: 98.951 ug/l
 RT: 3.15 min Scan# 327
 Delta R.T. -0.01 min
 Lab File: VX007882.D
 Acq: 07 Mar 2019 14:31

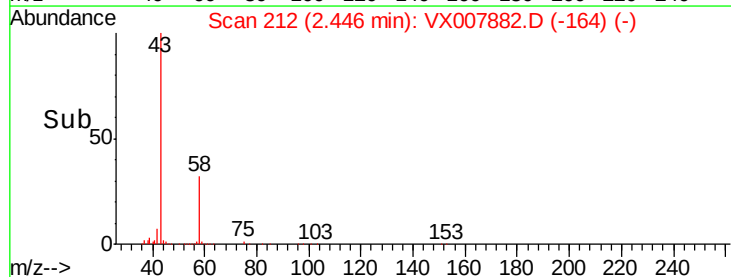
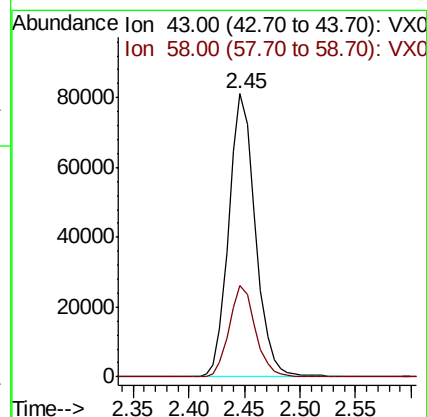
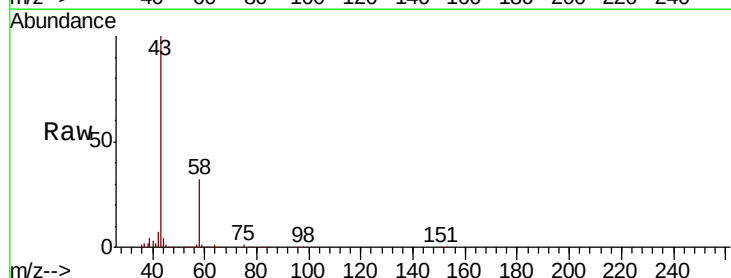
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0307WBSD01

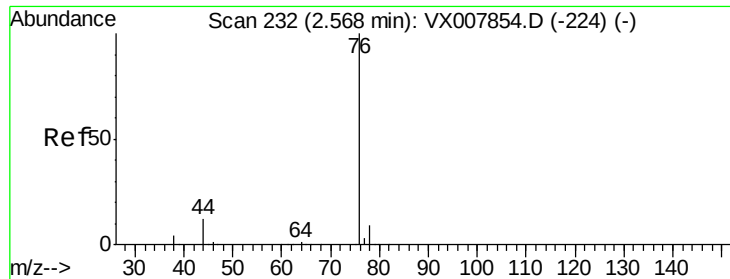
Tgt Ion: 53 Resp: 158743
 Ion Ratio Lower Upper
 53 100
 52 82.8 66.0 99.0
 51 35.8 28.0 42.0



#16
 Acetone
 Concen: 80.976 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. -0.01 min
 Lab File: VX007882.D
 Acq: 07 Mar 2019 14:31

Tgt Ion: 43 Resp: 133204
 Ion Ratio Lower Upper
 43 100
 58 32.5 25.5 38.3





#17

Carbon Disulfide

Concen: 18.687 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX007882.D

Acq: 07 Mar 2019 14:31

Instrument :

MSVOA_X

ClientSampleId :

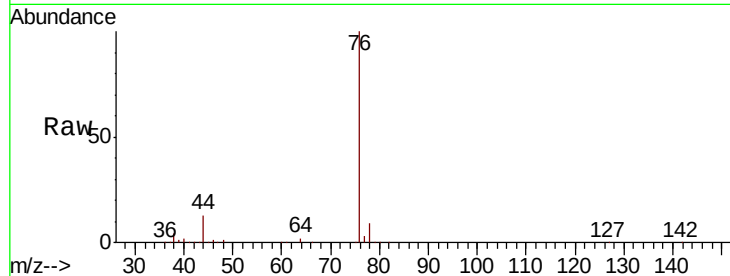
VX0307WBSD01

Tgt Ion: 76 Resp: 132032

Ion Ratio Lower Upper

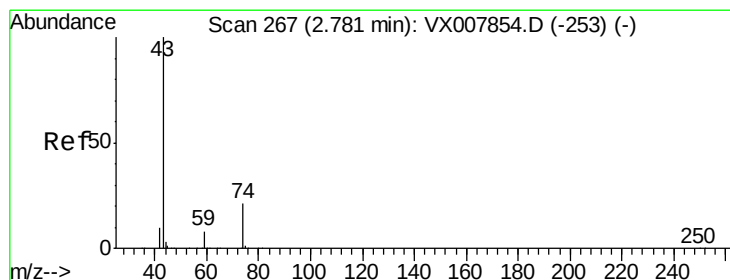
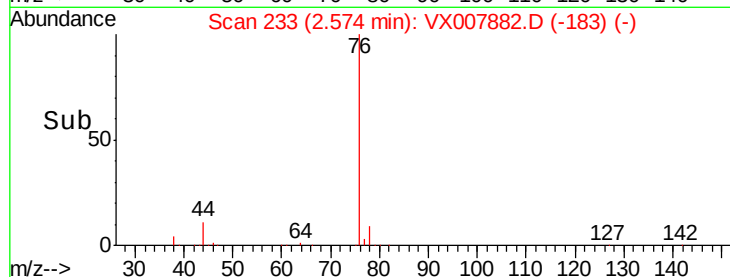
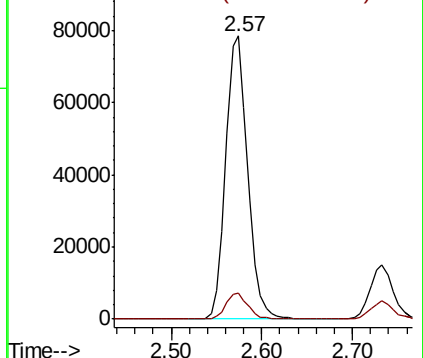
76 100

78 9.1 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 20.360 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX007882.D

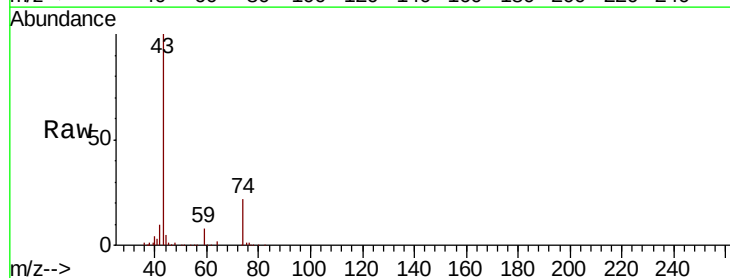
Acq: 07 Mar 2019 14:31

Tgt Ion: 43 Resp: 71153

Ion Ratio Lower Upper

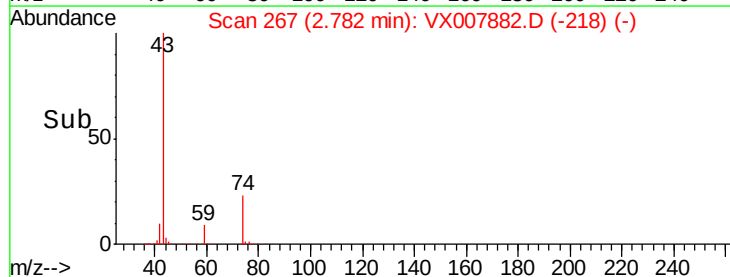
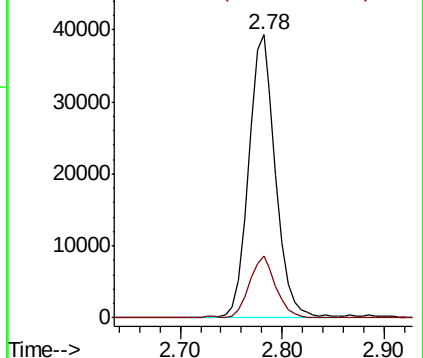
43 100

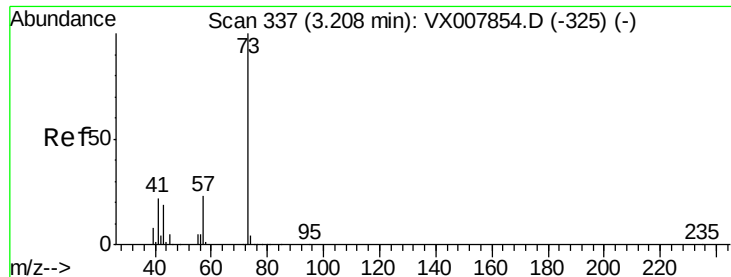
74 22.2 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

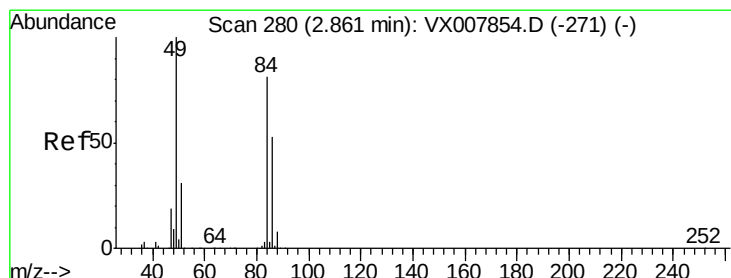
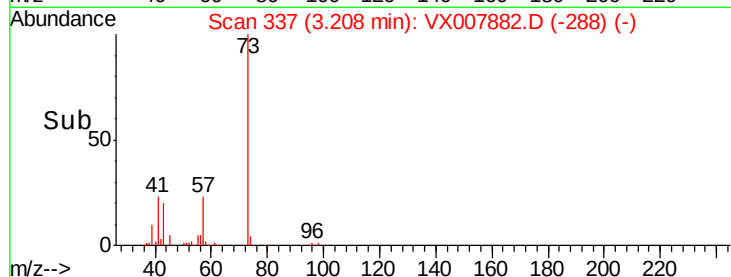
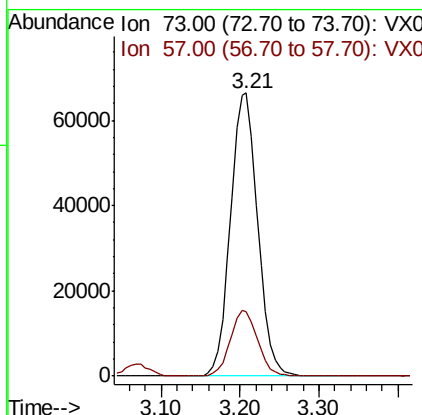
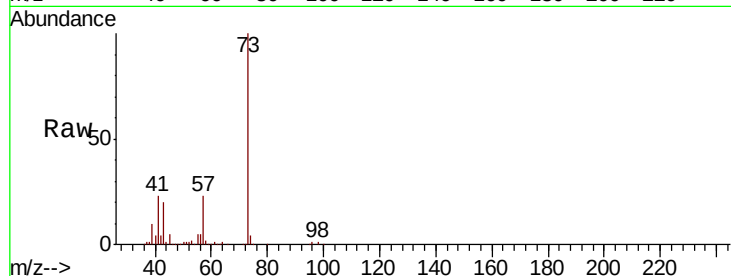




#19
Methyl tert-butyl Ether
Concen: 20.148 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.00 min
Lab File: VX007882.D
Acq: 07 Mar 2019 14:31

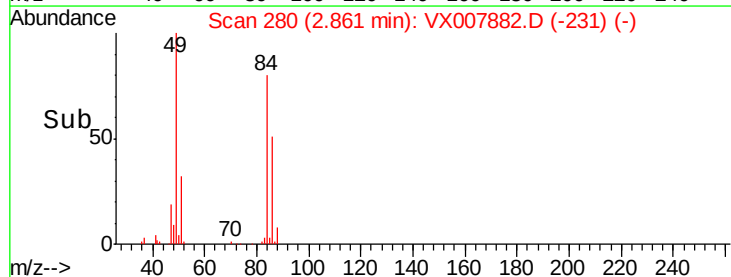
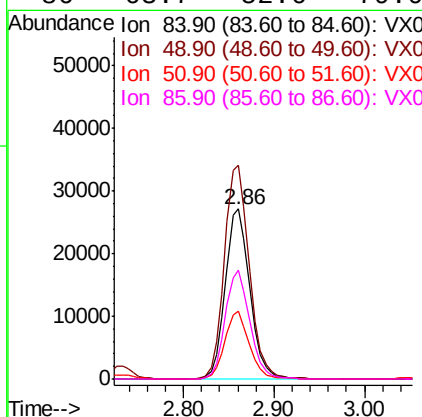
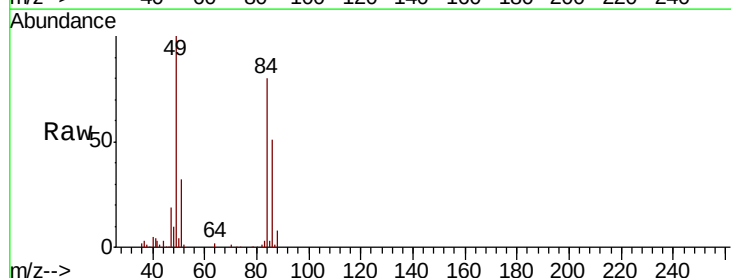
Instrument :
MSVOA_X
ClientSampleId :
VX0307WBSD01

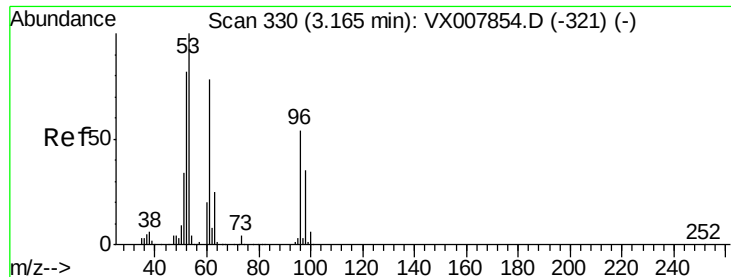
Tgt Ion: 73 Resp: 158884
Ion Ratio Lower Upper
73 100
57 22.7 18.2 27.4



#20
Methylene Chloride
Concen: 19.483 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007882.D
Acq: 07 Mar 2019 14:31

Tgt Ion: 84 Resp: 51007
Ion Ratio Lower Upper
84 100
49 125.5 99.3 148.9
51 39.6 31.3 46.9
86 63.7 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 18.621 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007882.D

Acq: 07 Mar 2019 14:31

Instrument :

MSVOA_X

ClientSampleId :

VX0307WBSD01

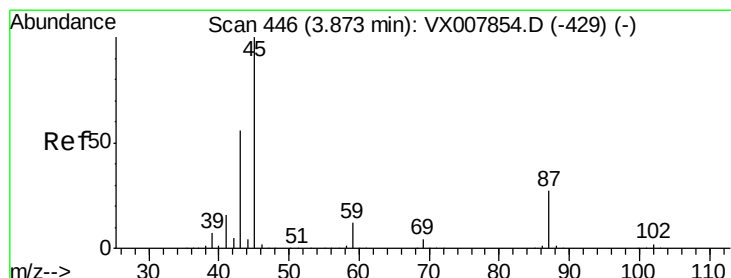
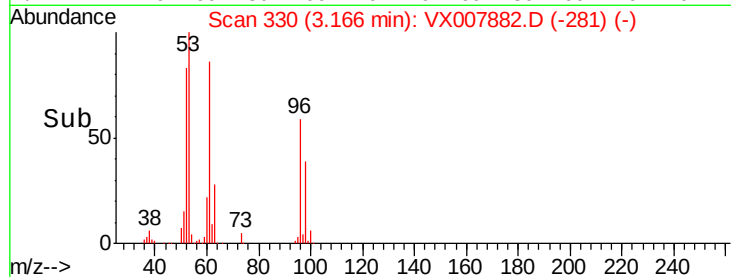
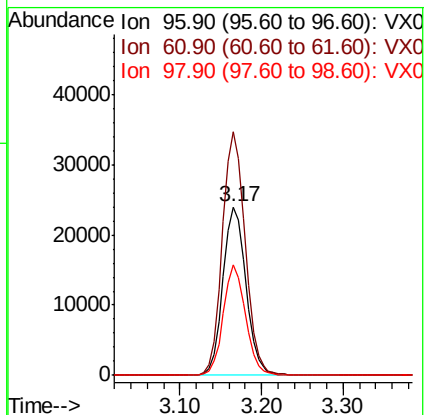
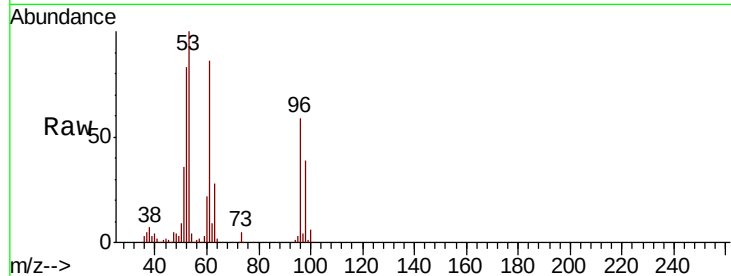
Tgt Ion: 96 Resp: 46966

Ion Ratio Lower Upper

96 100

61 144.8 114.4 171.6

98 66.0 51.1 76.7



#22

Diisopropyl ether

Concen: 20.165 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX007882.D

Acq: 07 Mar 2019 14:31

Tgt Ion: 45 Resp: 178046

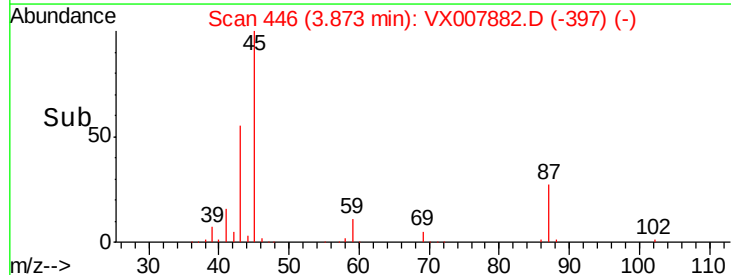
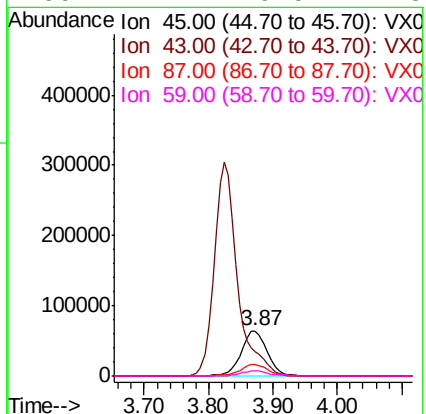
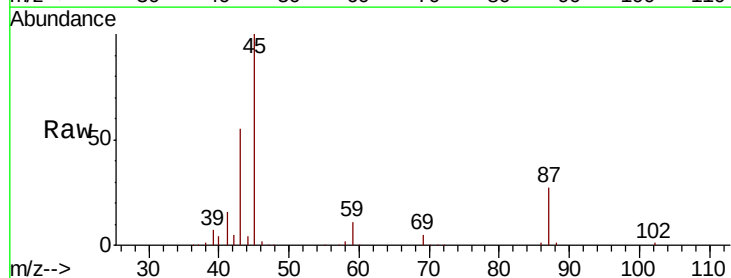
Ion Ratio Lower Upper

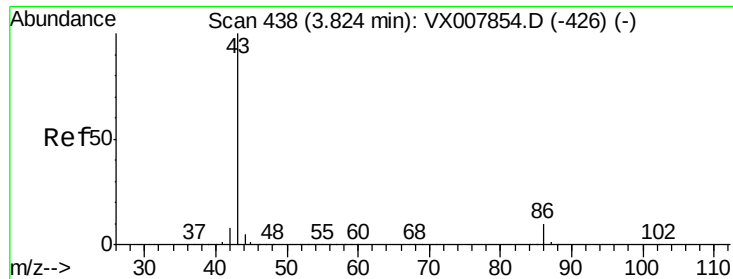
45 100

43 54.5 45.3 67.9

87 26.6 21.4 32.0

59 11.4 9.5 14.3





#23

Vinyl Acetate

Concen: 99.669 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX007882.D

Acq: 07 Mar 2019 14:31

Instrument :

MSVOA_X

ClientSampleId :

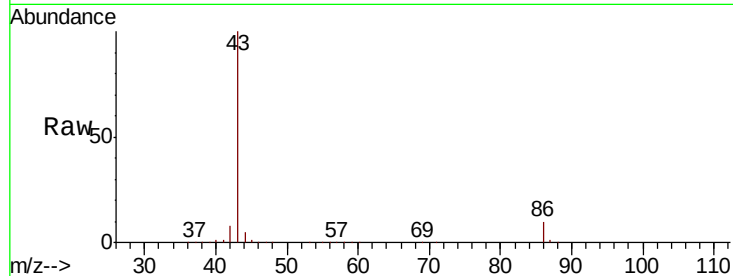
VX0307WBSD01

Tgt Ion: 43 Resp: 771704

Ion Ratio Lower Upper

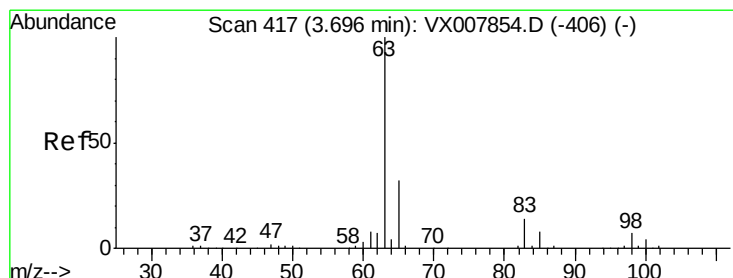
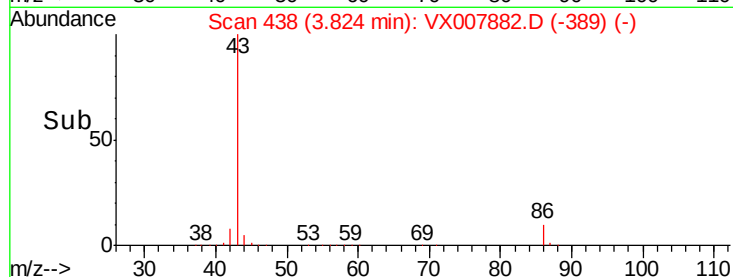
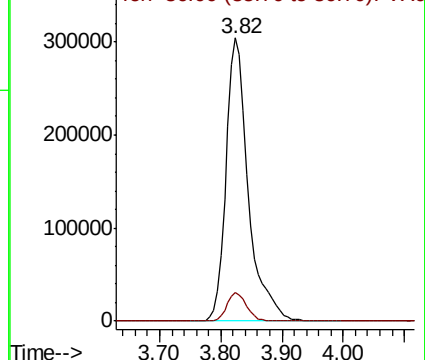
43 100

86 10.0 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.518 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007882.D

Acq: 07 Mar 2019 14:31

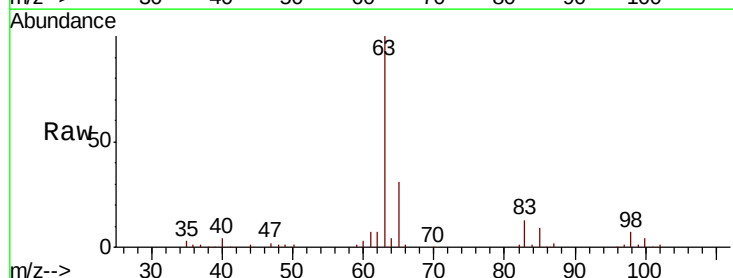
Tgt Ion: 63 Resp: 92740

Ion Ratio Lower Upper

63 100

98 6.5 3.3 9.8

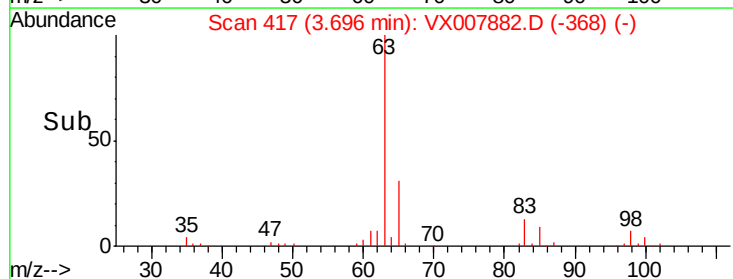
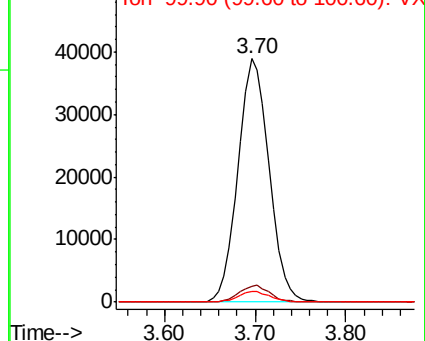
100 4.5 2.3 6.8

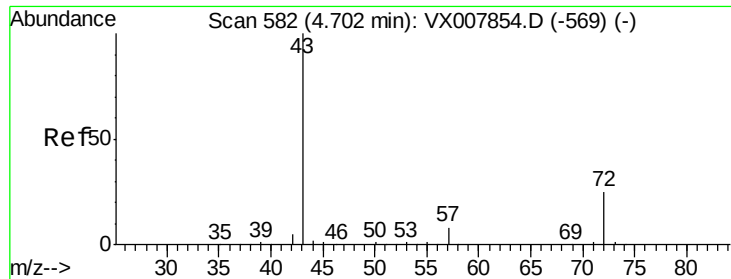


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 94.555 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX007882.D

Acq: 07 Mar 2019 14:31

Instrument :

MSVOA_X

ClientSampleId :

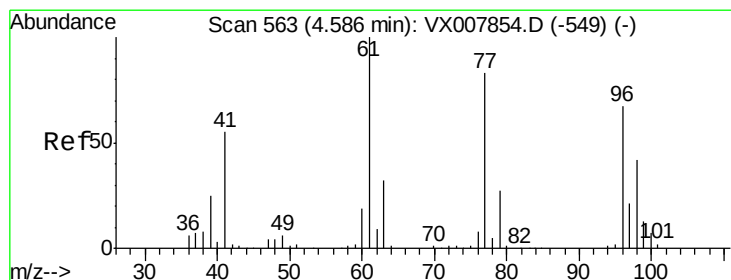
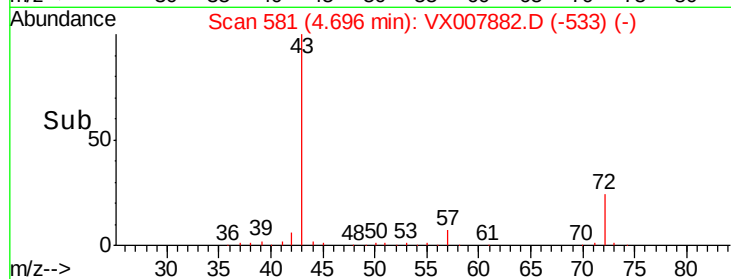
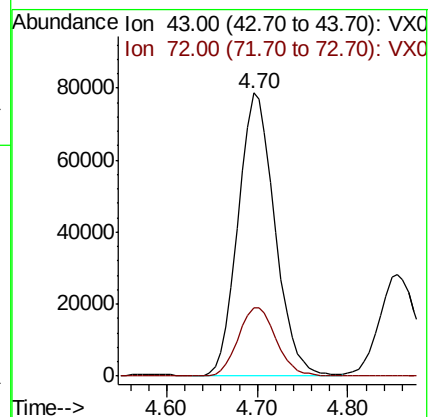
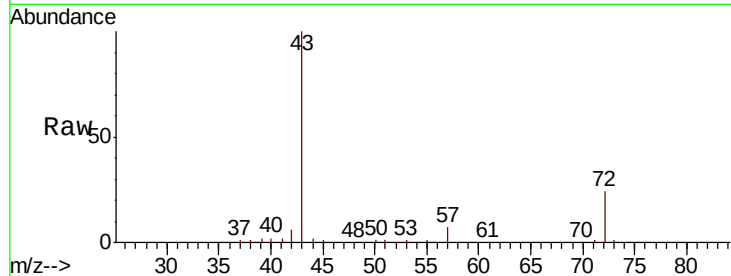
VX0307WBSD01

Tgt Ion: 43 Resp: 220207

Ion Ratio Lower Upper

43 100

72 24.4 19.9 29.9



#26

2,2-Dichloropropane

Concen: 17.099 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX007882.D

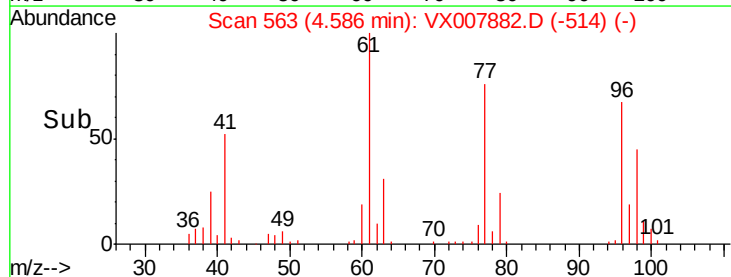
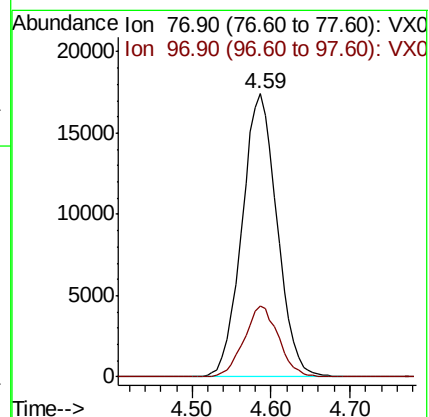
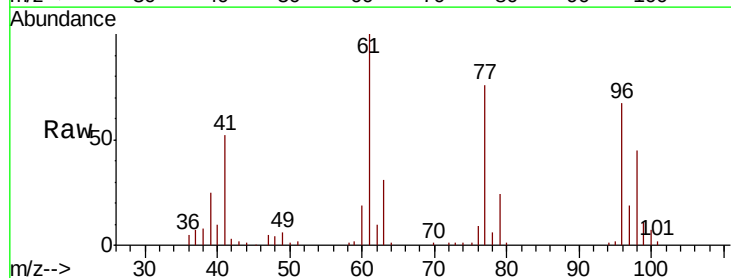
Acq: 07 Mar 2019 14:31

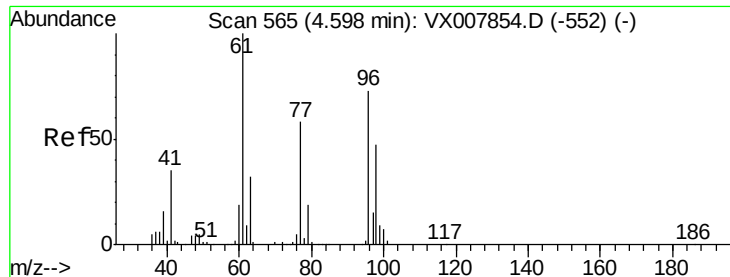
Tgt Ion: 77 Resp: 53826

Ion Ratio Lower Upper

77 100

97 24.6 12.2 36.6



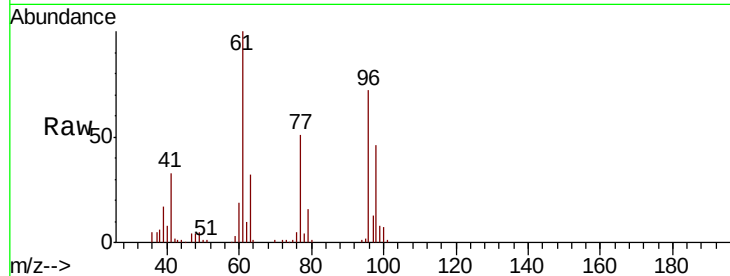


#27

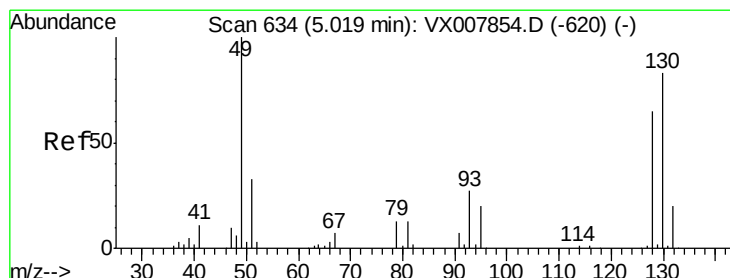
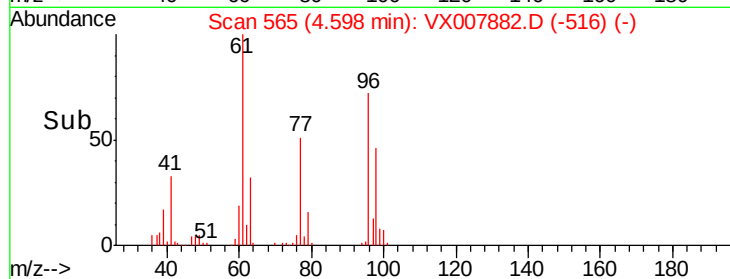
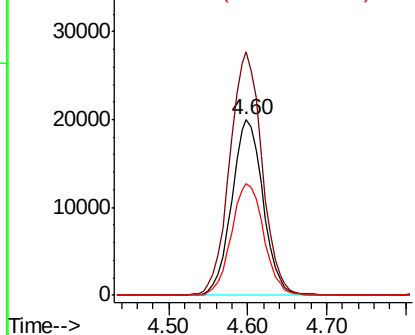
cis-1,2-Dichloroethene
 Concen: 19.132 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX007882.D
 Acq: 07 Mar 2019 14:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0307WBSD01

Tgt Ion: 96 Resp: 55217
 Ion Ratio Lower Upper
 96 100
 61 143.2 0.0 288.0
 98 65.6 0.0 129.0



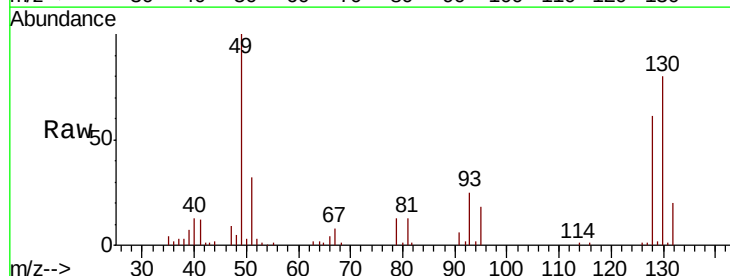
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



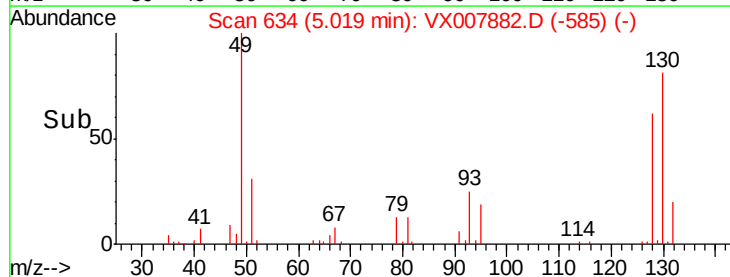
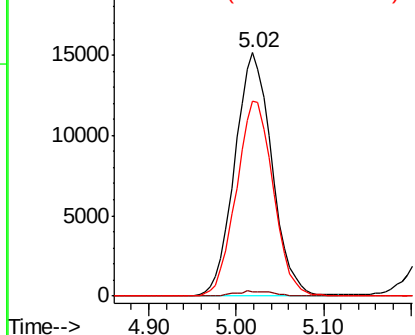
#28

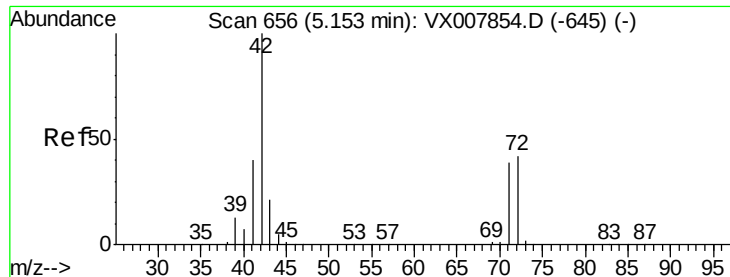
Bromochloromethane
 Concen: 20.196 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VX007882.D
 Acq: 07 Mar 2019 14:31

Tgt Ion: 49 Resp: 44738
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.0
 130 79.4 65.0 97.4



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





#29

Tetrahydrofuran

Concen: 101.347 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX007882.D

Acq: 07 Mar 2019 14:31

Instrument :

MSVOA_X

ClientSampleId :

VX0307WBSD01

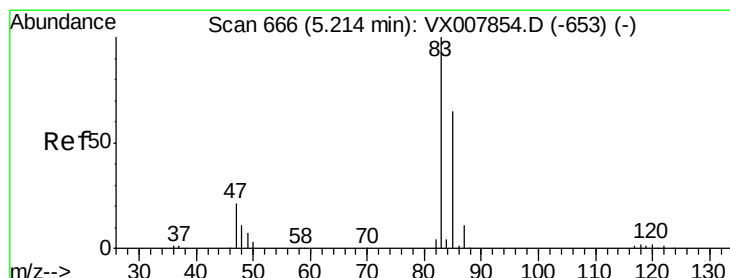
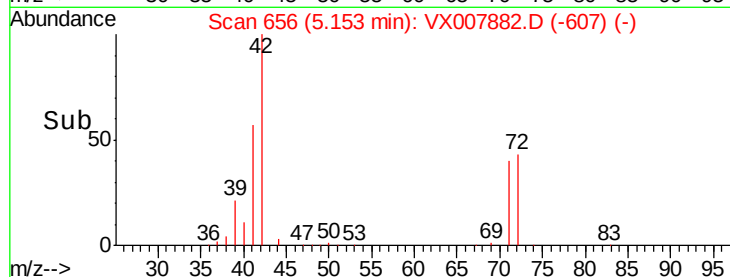
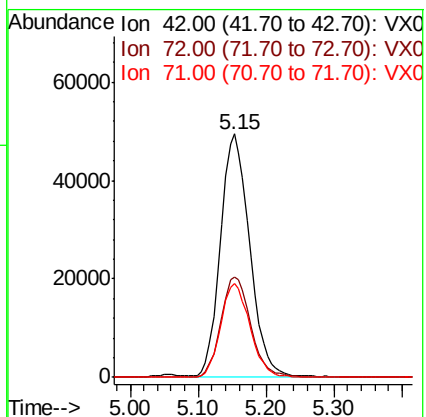
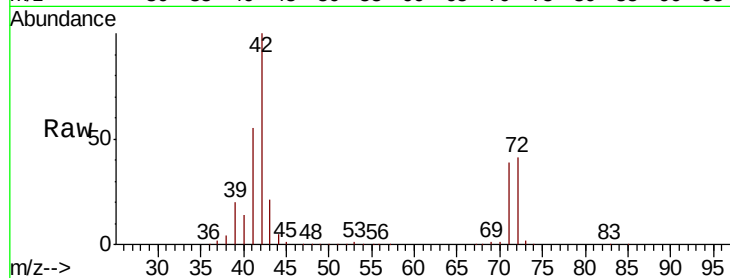
Tgt Ion: 42 Resp: 147225

Ion Ratio Lower Upper

42 100

72 42.2 33.8 50.6

71 38.7 31.5 47.3



#30

Chloroform

Concen: 19.821 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX007882.D

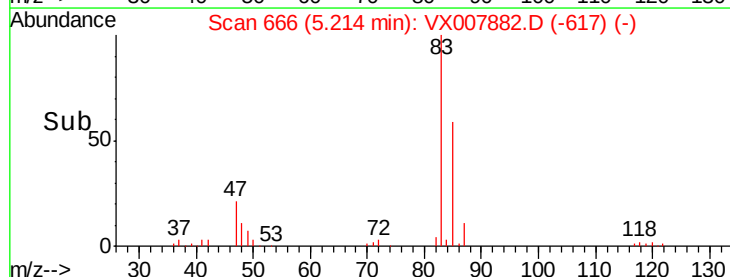
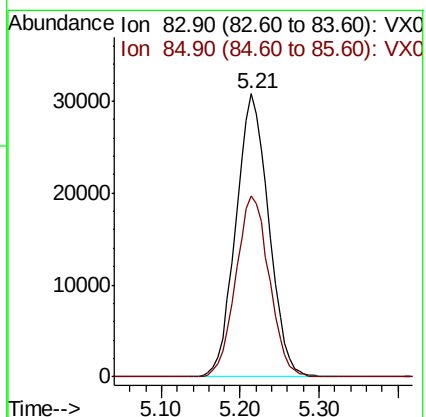
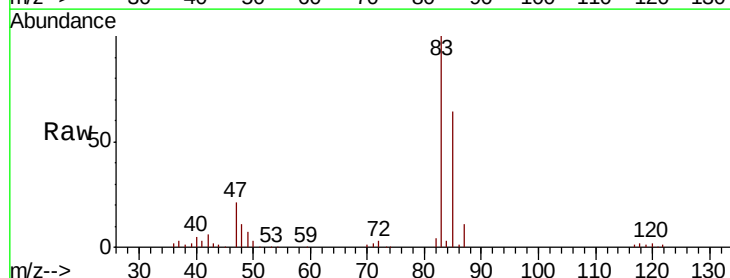
Acq: 07 Mar 2019 14:31

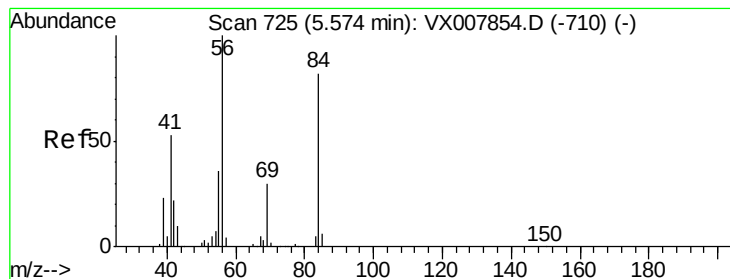
Tgt Ion: 83 Resp: 89090

Ion Ratio Lower Upper

83 100

85 64.1 51.8 77.6





#31

Cyclohexane

Concen: 18.257 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX007882.D

Acq: 07 Mar 2019 14:31

Instrument :

MSVOA_X

ClientSampleId :

VX0307WBSD01

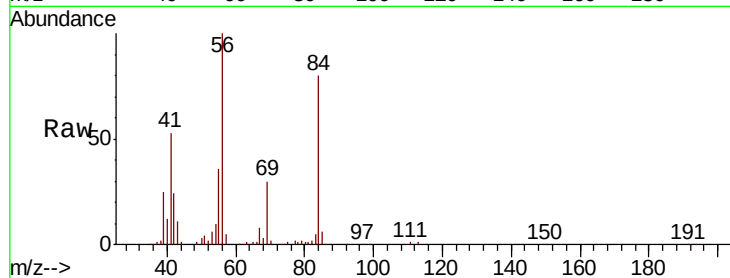
Tgt Ion: 56 Resp: 79729

Ion Ratio Lower Upper

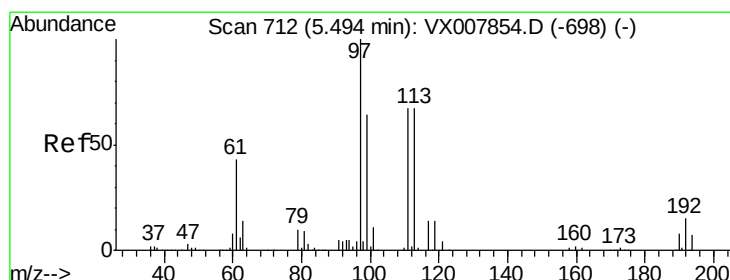
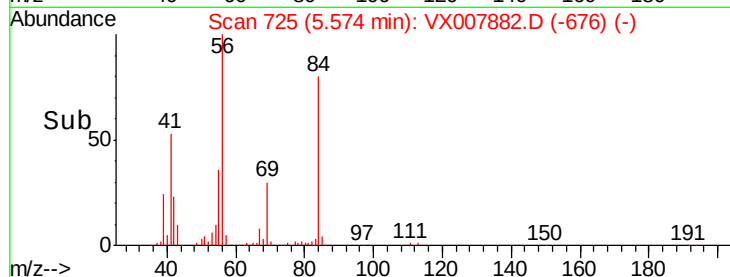
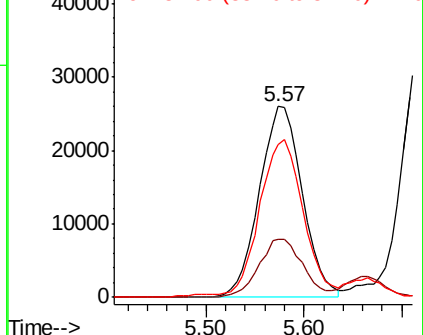
56 100

69 30.2 24.0 36.0

84 78.6 65.3 97.9



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



#32

1,1,1-Trichloroethane

Concen: 19.234 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX007882.D

Acq: 07 Mar 2019 14:31

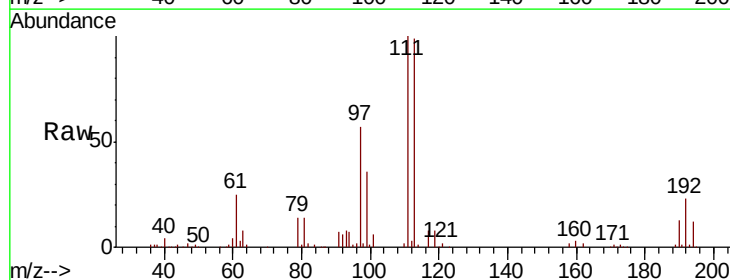
Tgt Ion: 97 Resp: 71727

Ion Ratio Lower Upper

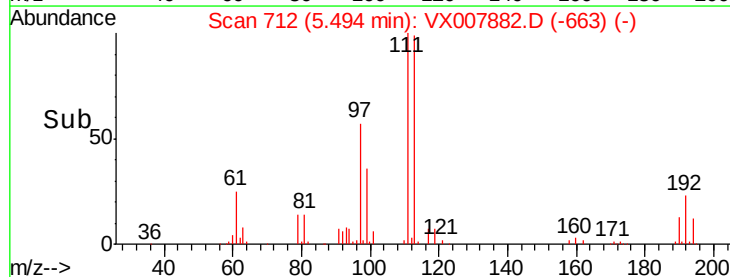
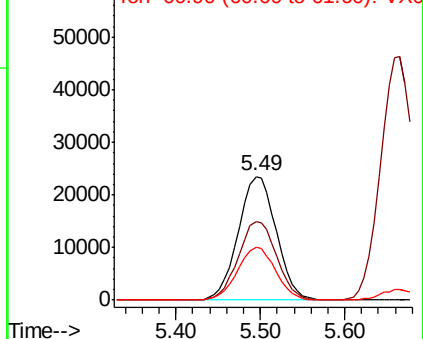
97 100

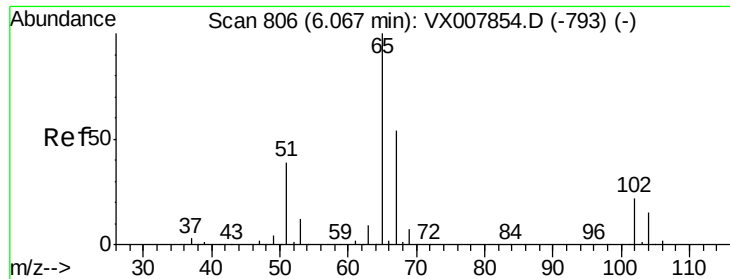
99 64.2 52.2 78.2

61 43.2 34.9 52.3



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

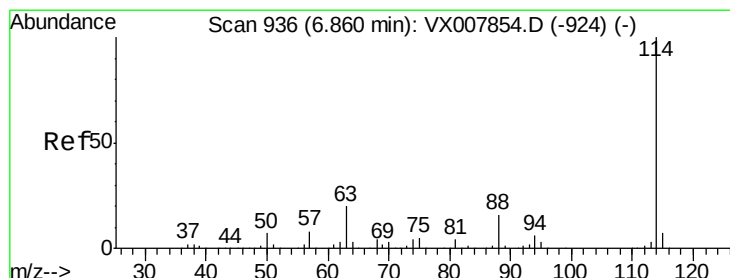
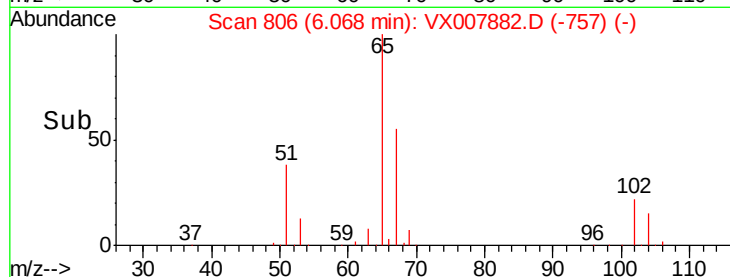
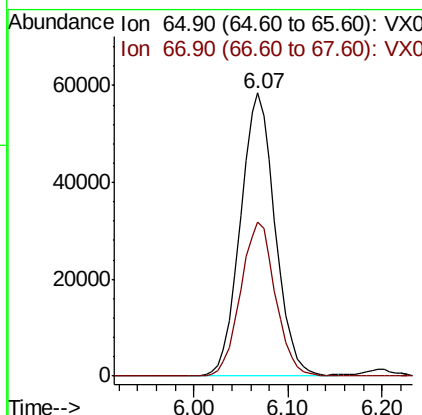
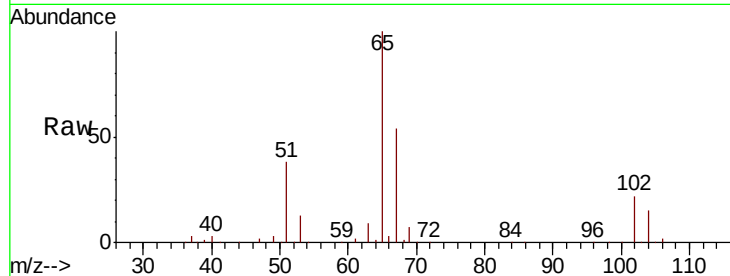




#33
 1,2-Dichloroethane-d4
 Concen: 52.923 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007882.D
 Acq: 07 Mar 2019 14:31

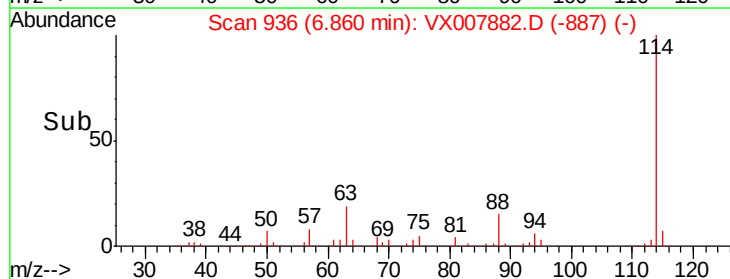
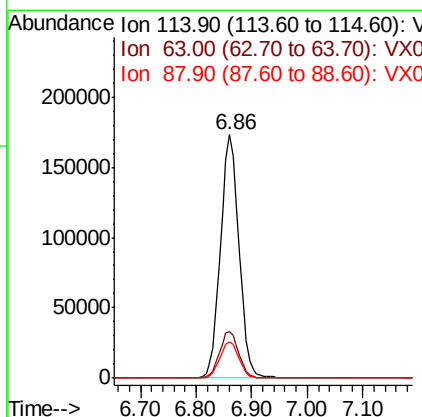
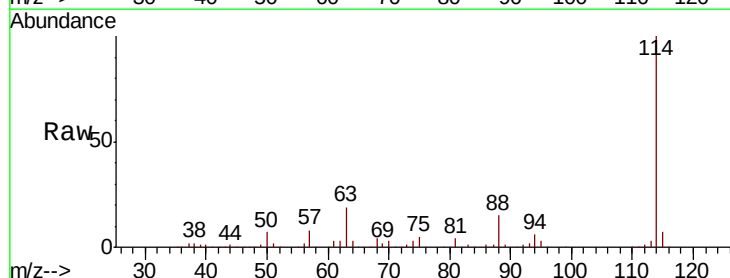
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0307WBSD01

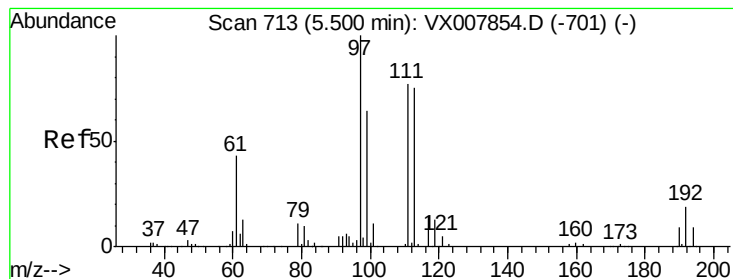
Tgt Ion: 65 Resp: 150409
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 110.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007882.D
 Acq: 07 Mar 2019 14:31

Tgt Ion: 114 Resp: 399622
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 39.8
 88 15.1 0.0 31.4





#35

Dibromofluoromethane

Concen: 50.852 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX007882.D

Acq: 07 Mar 2019 14:31

Instrument :

MSVOA_X

ClientSampleId :

VX0307WBSD01

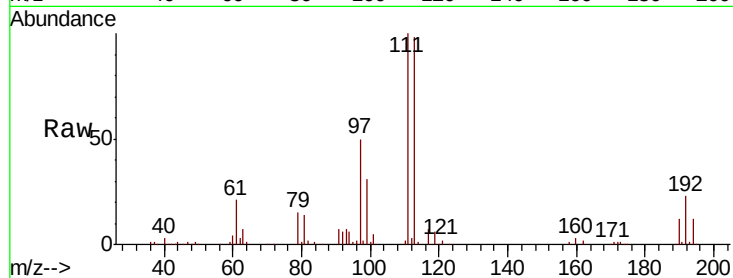
Tgt Ion:113 Resp: 129990

Ion Ratio Lower Upper

113 100

111 102.1 81.4 122.0

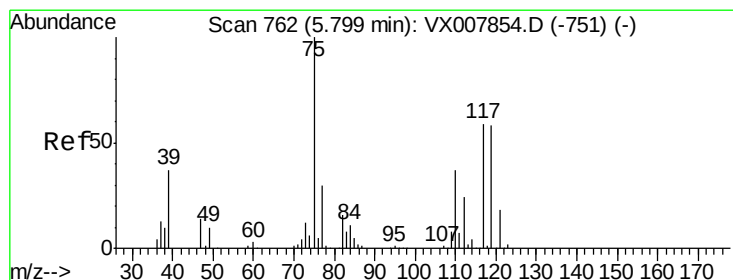
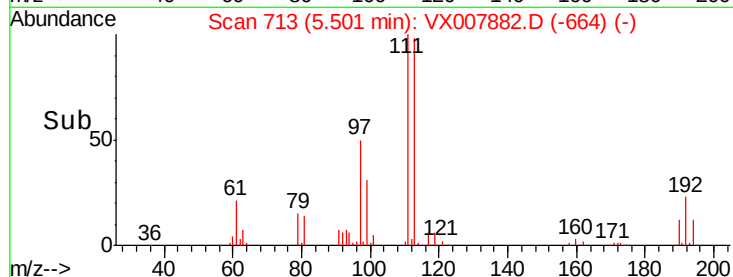
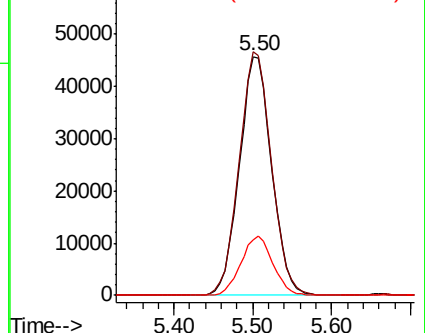
192 24.5 19.4 29.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.035 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX007882.D

Acq: 07 Mar 2019 14:31

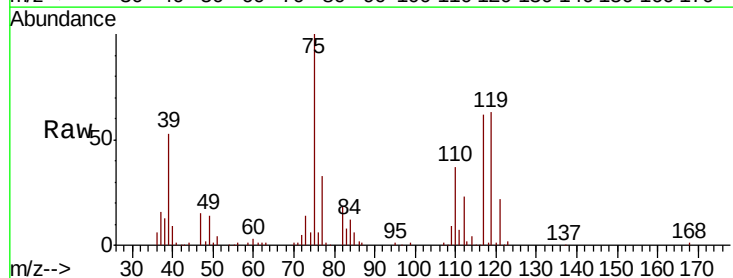
Tgt Ion: 75 Resp: 65261

Ion Ratio Lower Upper

75 100

110 36.8 18.4 55.0

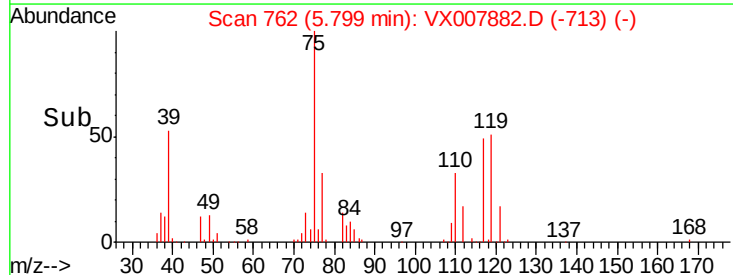
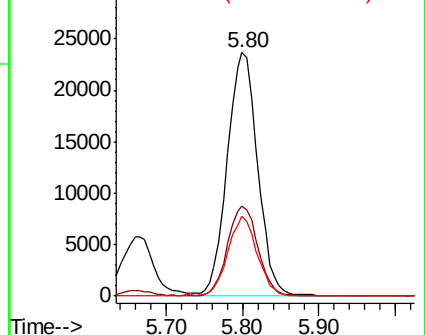
77 31.4 25.0 37.4

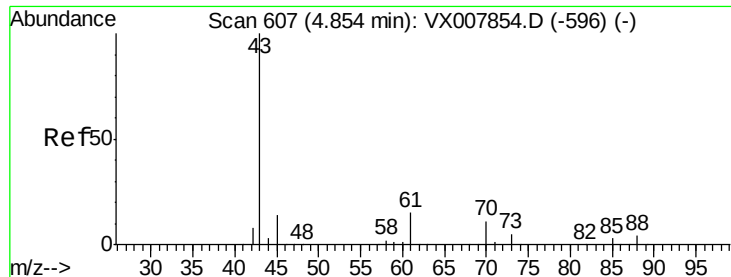


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

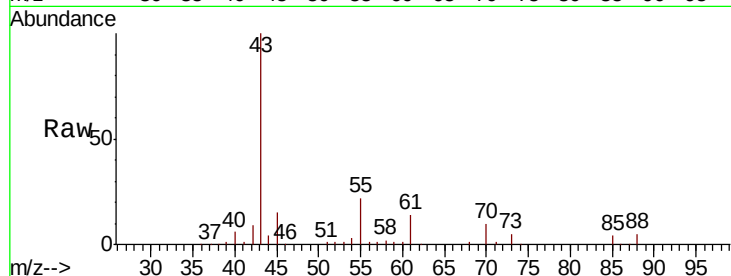




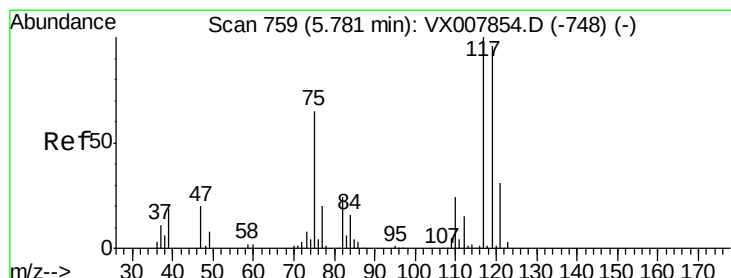
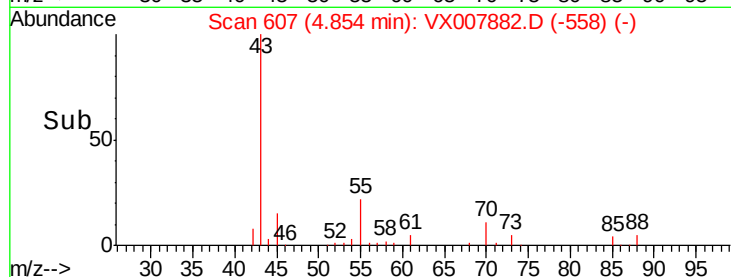
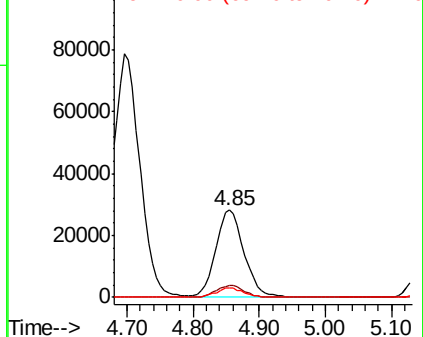
#37
Ethyl Acetate
Concen: 19.341 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX007882.D
Acq: 07 Mar 2019 14:31

Instrument :
MSVOA_X
ClientSampled :
VX0307WBSD01

Tgt Ion: 43 Resp: 83051
Ion Ratio Lower Upper
43 100
61 13.9 11.3 16.9
70 10.6 8.5 12.7

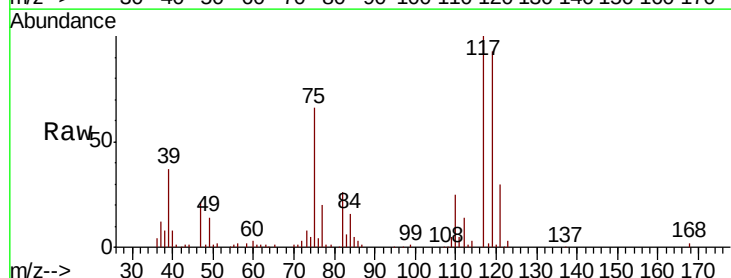


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

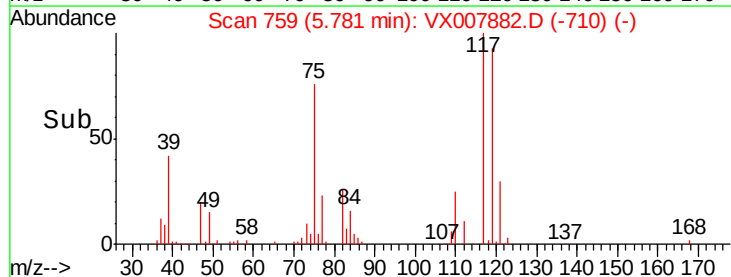
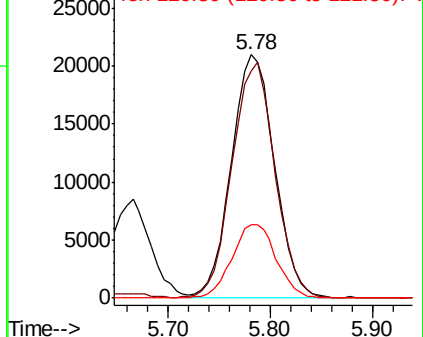


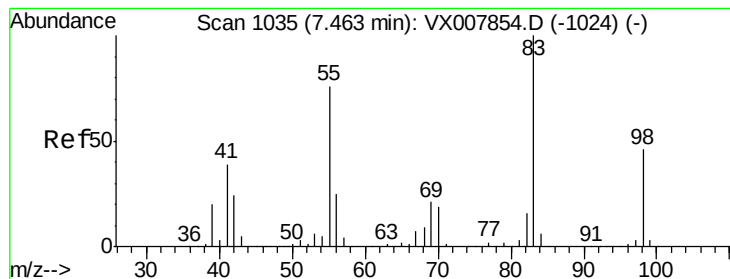
#38
Carbon Tetrachloride
Concen: 17.893 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX007882.D
Acq: 07 Mar 2019 14:31

Tgt Ion: 117 Resp: 61467
Ion Ratio Lower Upper
117 100
119 93.3 76.2 114.2
121 30.2 24.6 36.8



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





#39

Methylcyclohexane

Concen: 17.587 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.00 min

Lab File: VX007882.D

Acq: 07 Mar 2019 14:31

Instrument :

MSVOA_X

ClientSampleId :

VX0307WBSD01

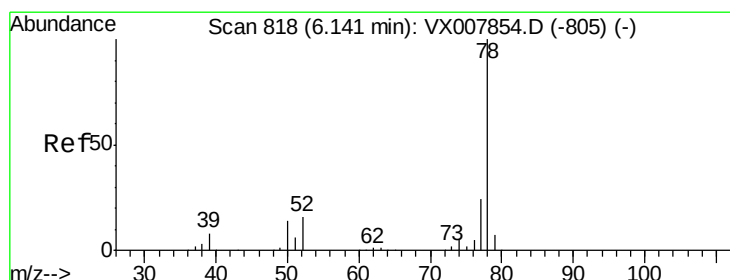
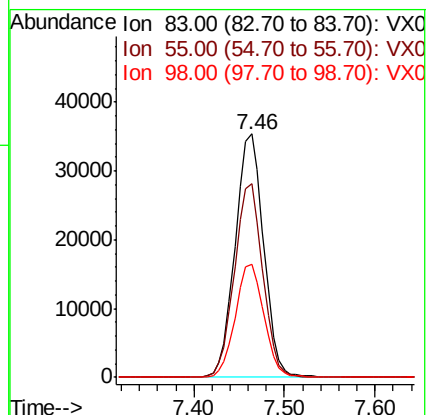
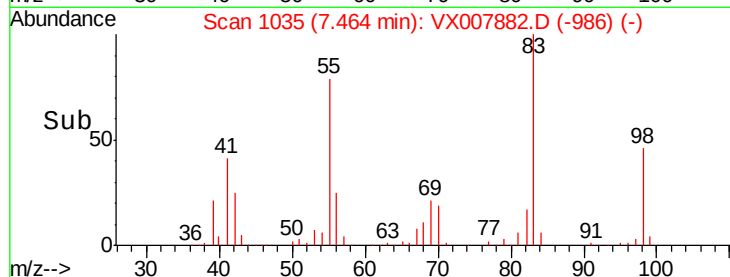
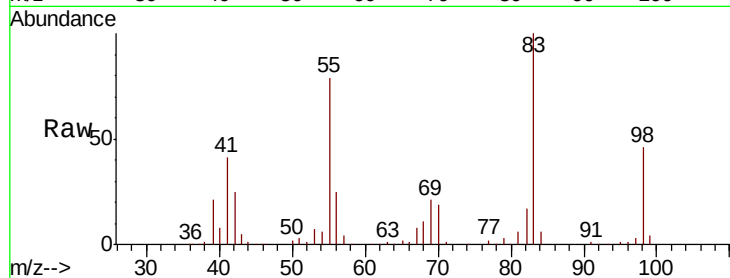
Tgt Ion: 83 Resp: 77113

Ion Ratio Lower Upper

83 100

55 79.4 60.4 90.6

98 46.5 36.5 54.7



#40

Benzene

Concen: 19.301 ug/l

RT: 6.14 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX007882.D

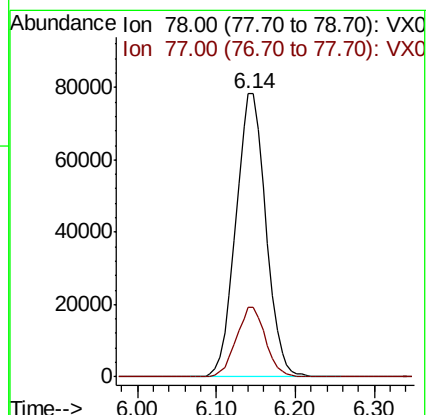
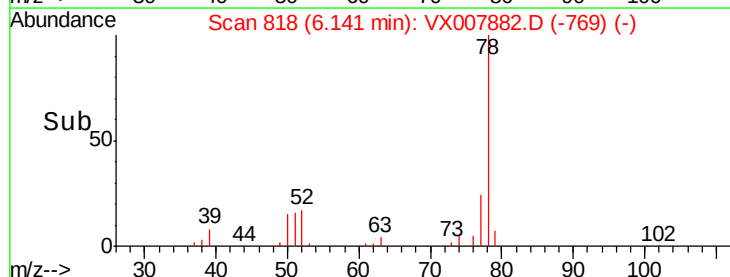
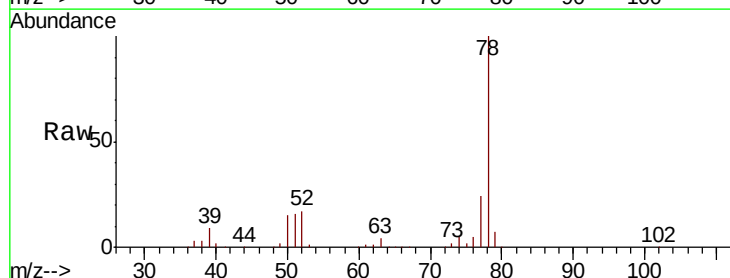
Acq: 07 Mar 2019 14:31

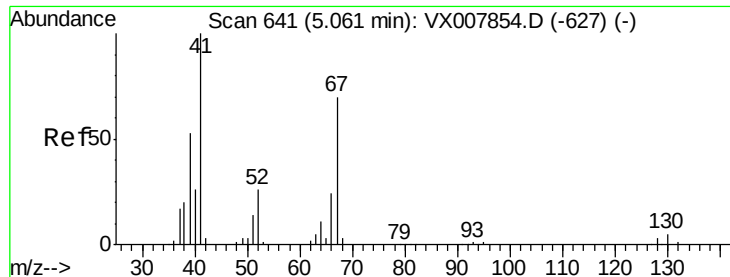
Tgt Ion: 78 Resp: 207920

Ion Ratio Lower Upper

78 100

77 24.4 19.0 28.4

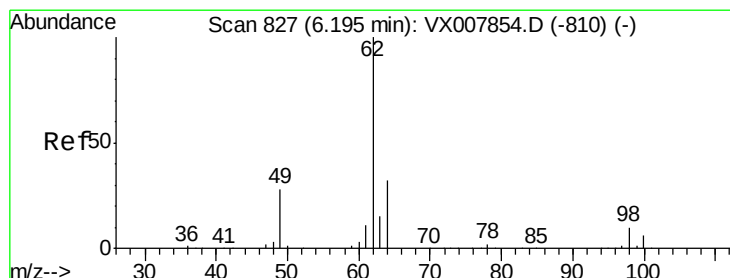
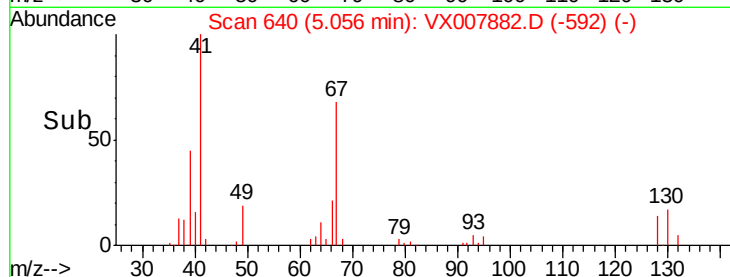
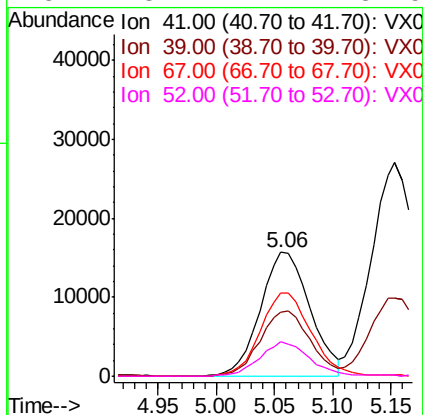
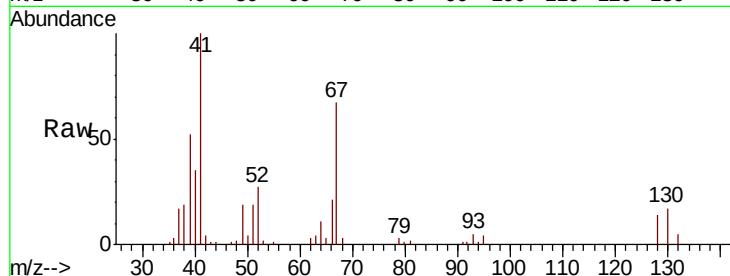




#41
Methacrylonitrile
Concen: 19.872 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX007882.D
Acq: 07 Mar 2019 14:31

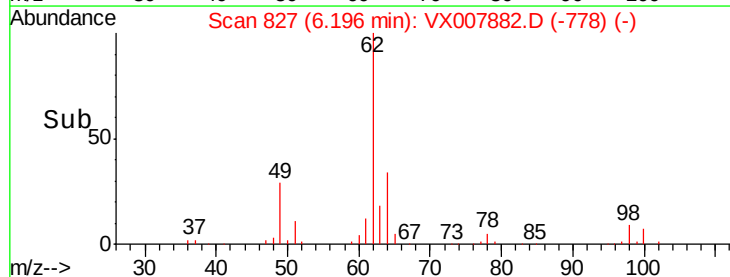
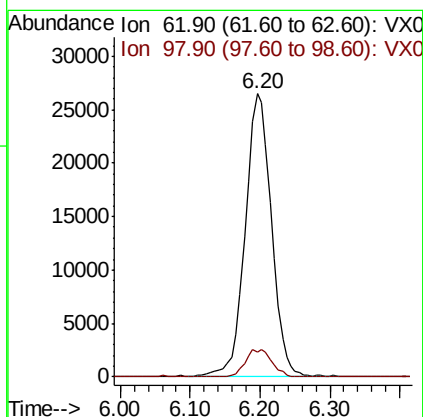
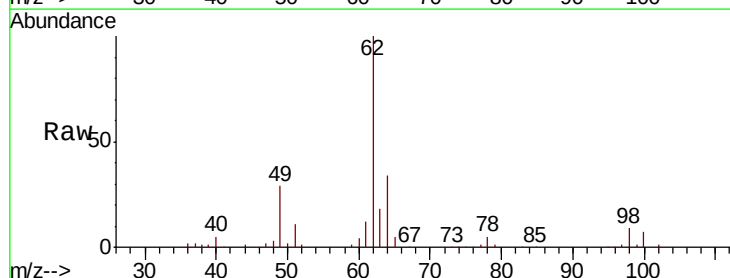
Instrument :
MSVOA_X
ClientSampleId :
VX0307WBSD01

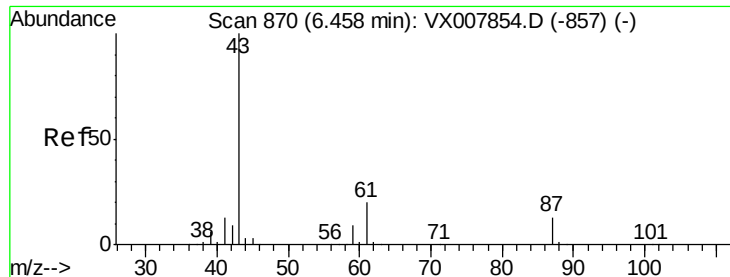
Tgt Ion:	41	Resp:	46523
Ion	Ratio	Lower	Upper
41	100		
39	53.1	41.6	62.4
67	68.4	55.8	83.6
52	28.4	21.7	32.5



#42
1,2-Dichloroethane
Concen: 19.659 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX007882.D
Acq: 07 Mar 2019 14:31

Tgt Ion:	62	Resp:	69258
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	20.4





#43

Isopropyl Acetate

Concen: 19.414 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX007882.D

Acq: 07 Mar 2019 14:31

Instrument :

MSVOA_X

ClientSampleId :

VX0307WBSD01

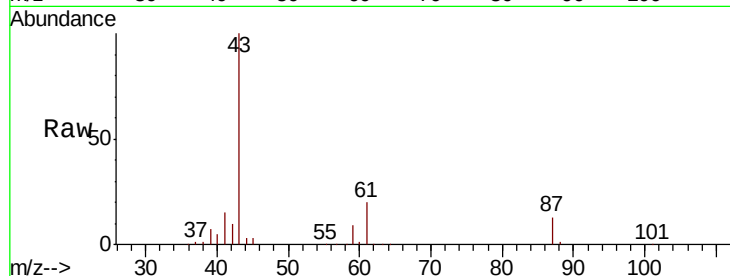
Tgt Ion: 43 Resp: 123377

Ion Ratio Lower Upper

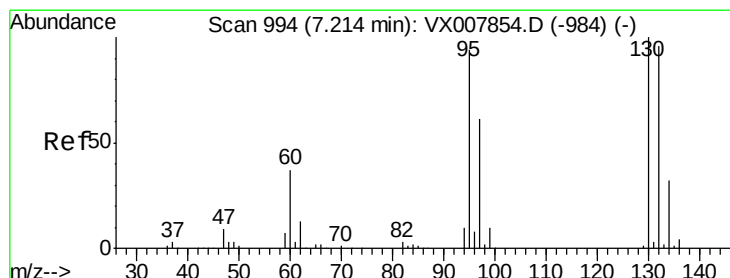
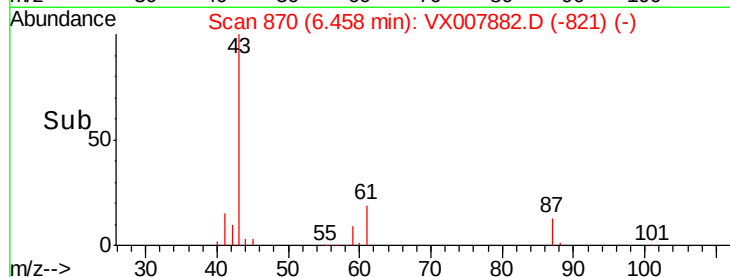
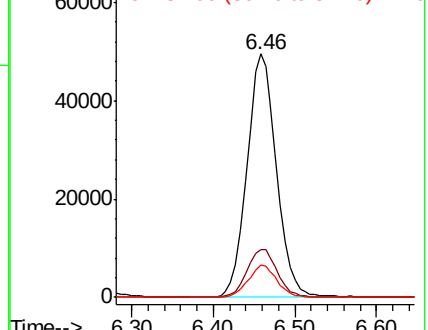
43 100

61 20.4 16.3 24.5

87 13.1 10.5 15.7



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



#44

Trichloroethene

Concen: 18.084 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX007882.D

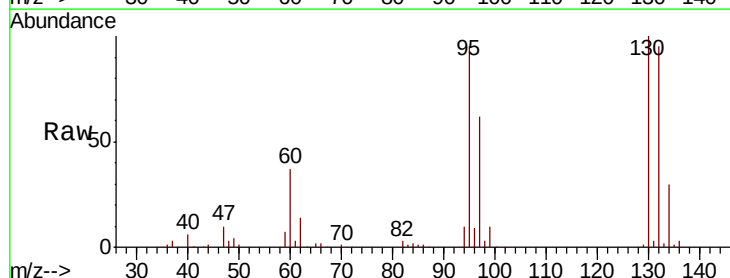
Acq: 07 Mar 2019 14:31

Tgt Ion: 130 Resp: 53685

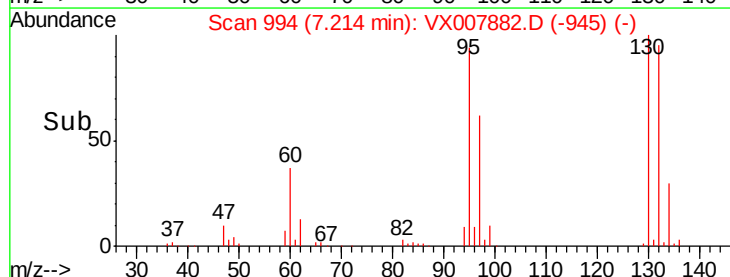
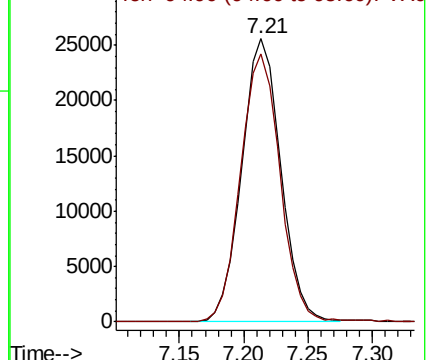
Ion Ratio Lower Upper

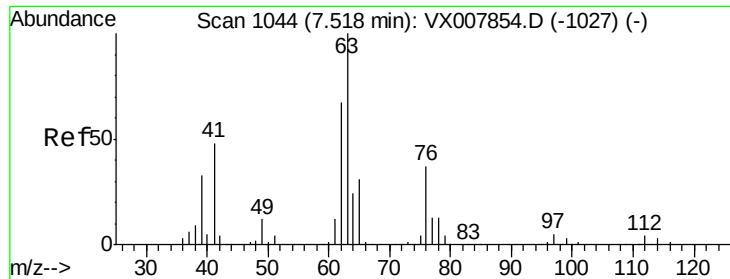
130 100

95 94.7 0.0 188.0



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

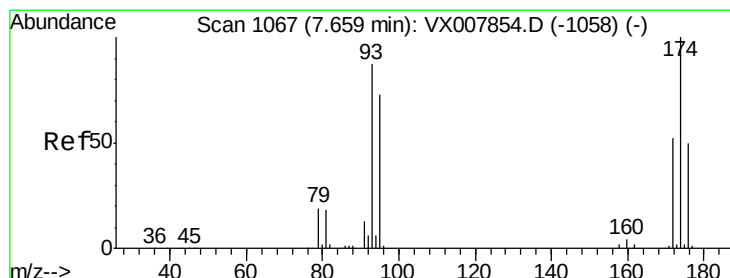
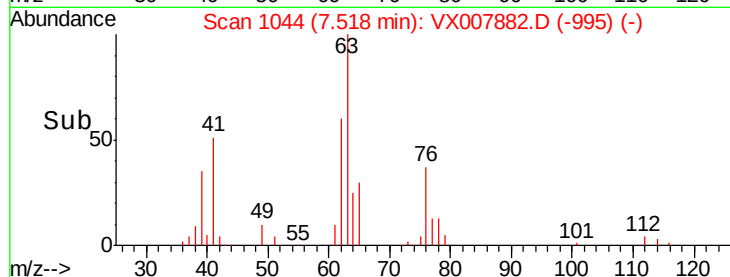
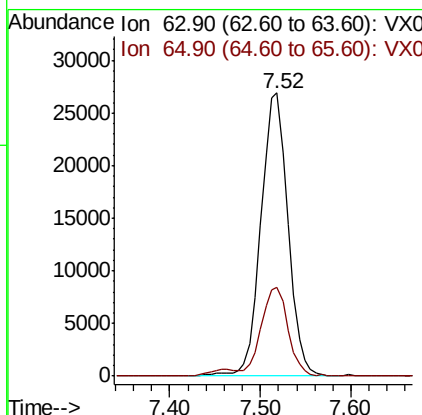
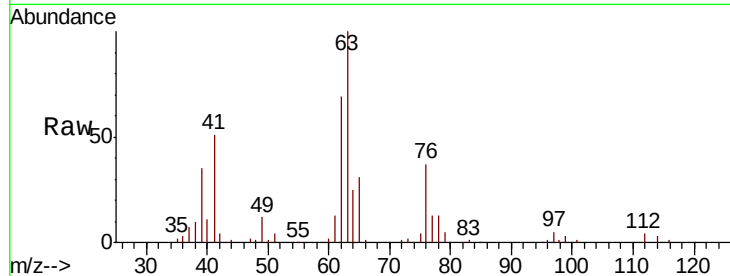




#45
 1,2-Dichloropropane
 Concen: 19.591 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: VX007882.D
 Acq: 07 Mar 2019 14:31

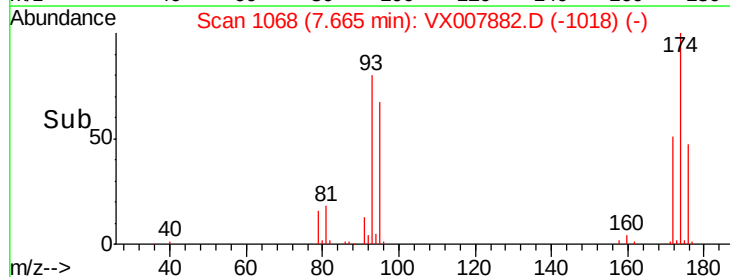
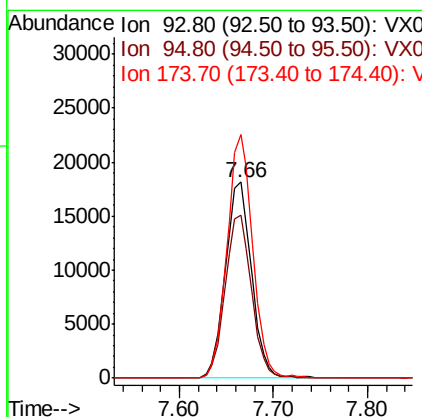
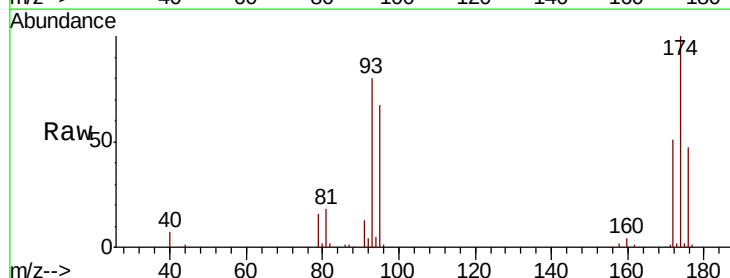
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0307WBSD01

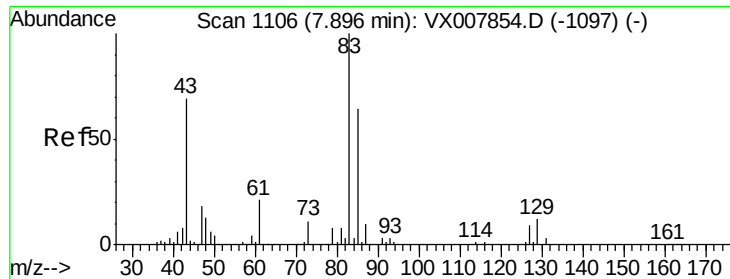
Tgt Ion: 63 Resp: 55741
 Ion Ratio Lower Upper
 63 100
 65 31.3 24.7 37.1



#46
 Dibromomethane
 Concen: 19.451 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX007882.D
 Acq: 07 Mar 2019 14:31

Tgt Ion: 93 Resp: 35023
 Ion Ratio Lower Upper
 93 100
 95 83.5 66.8 100.2
 174 122.1 97.3 145.9





#47

Bromodichloromethane

Concen: 18.849 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007882.D

Acq: 07 Mar 2019 14:31

Instrument :

MSVOA_X

ClientSampleId :

VX0307WBSD01

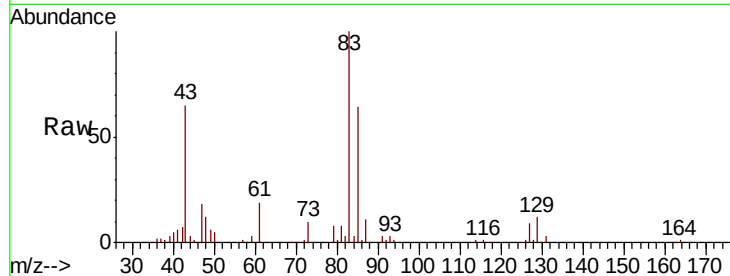
Tgt Ion: 83 Resp: 64349

Ion Ratio Lower Upper

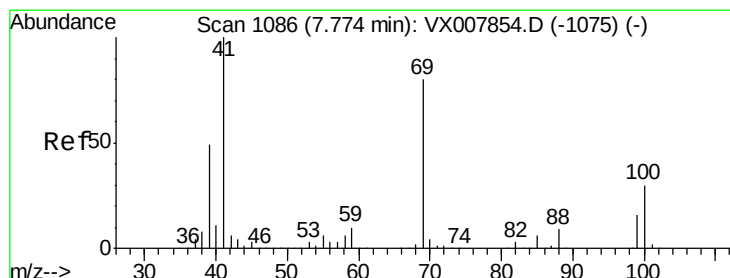
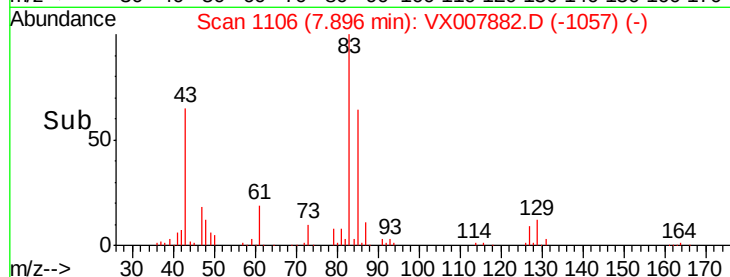
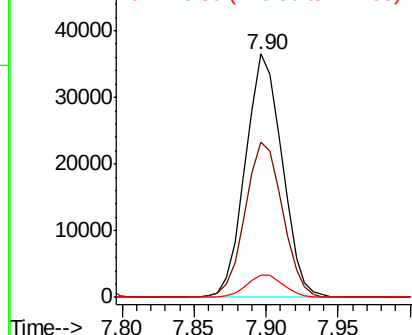
83 100

85 63.9 50.9 76.3

127 9.1 7.4 11.0



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



#48

Methyl methacrylate

Concen: 19.294 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX007882.D

Acq: 07 Mar 2019 14:31

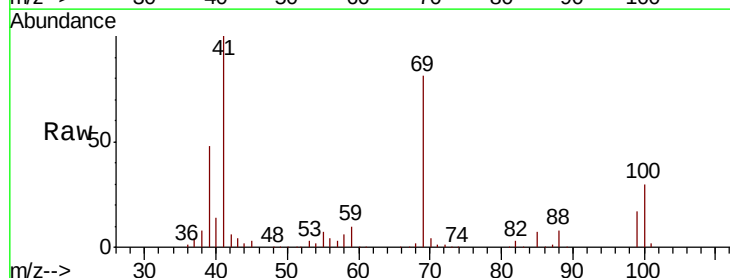
Tgt Ion: 41 Resp: 64466

Ion Ratio Lower Upper

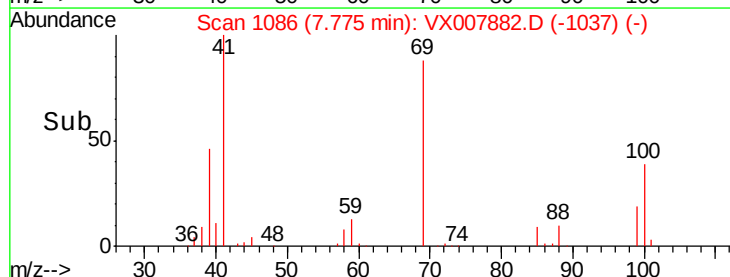
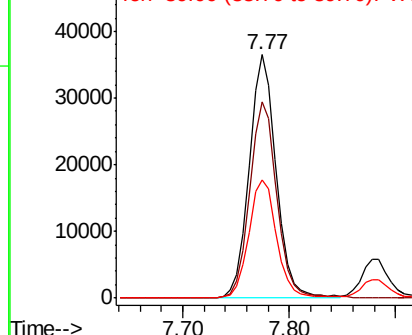
41 100

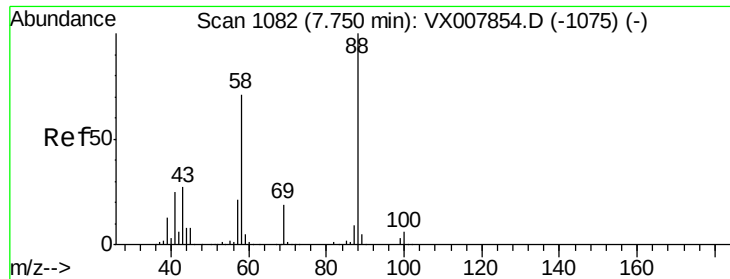
69 82.2 65.2 97.8

39 50.7 39.4 59.2



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

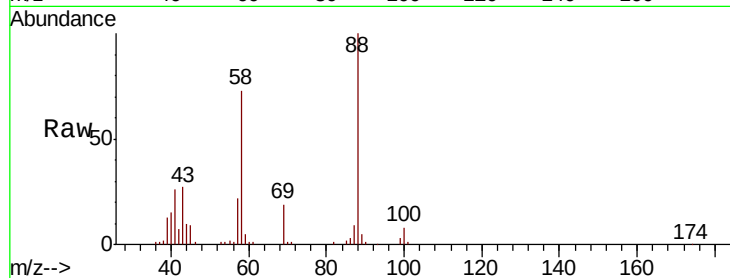




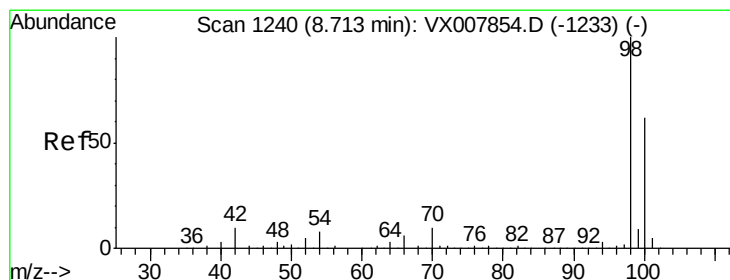
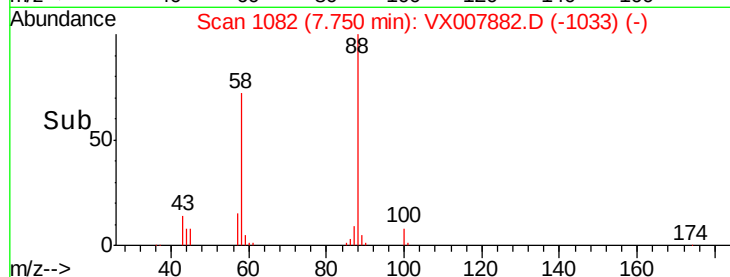
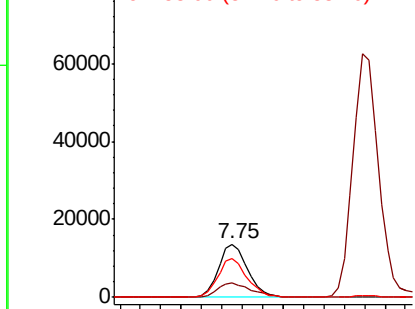
#49
1,4-Dioxane
Concen: 396.905 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX007882.D
Acq: 07 Mar 2019 14:31

Instrument :
MSVOA_X
ClientSampleId :
VX0307WBSD01

Tgt Ion: 88 Resp: 27242
Ion Ratio Lower Upper
88 100
43 32.4 25.1 37.7
58 73.2 57.8 86.6

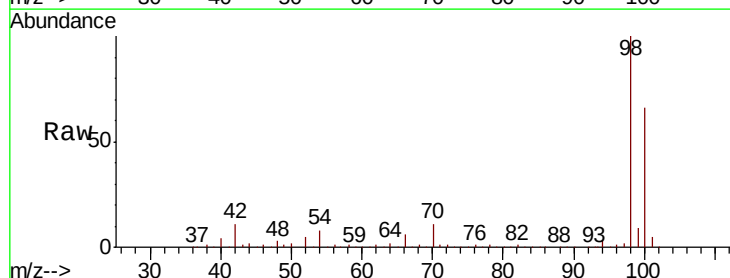


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

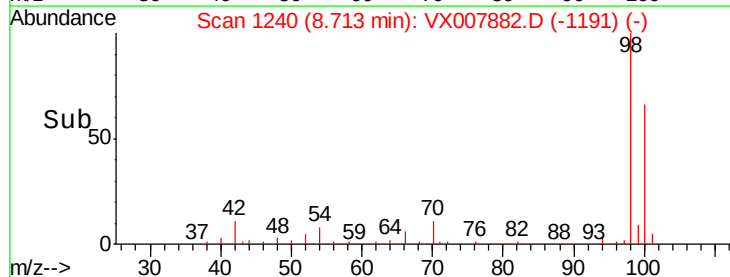
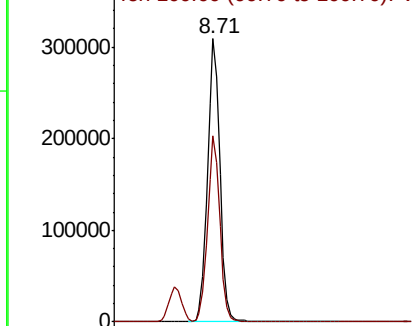


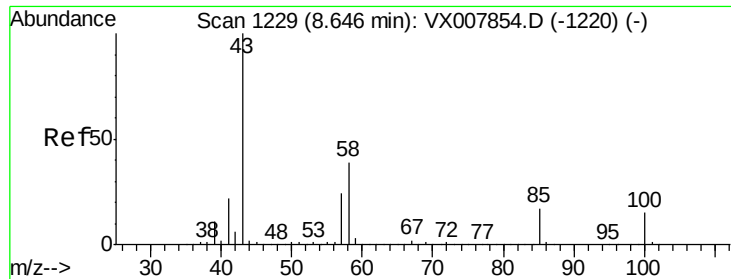
#50
Toluene-d8
Concen: 50.284 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007882.D
Acq: 07 Mar 2019 14:31

Tgt Ion: 98 Resp: 472065
Ion Ratio Lower Upper
98 100
100 65.1 51.7 77.5



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





#51

4-Methyl-2-Pentanone

Concen: 100.692 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX007882.D

Acq: 07 Mar 2019 14:31

Instrument :

MSVOA_X

ClientSampleId :

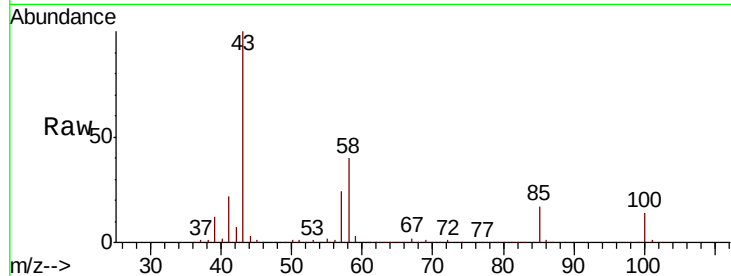
VX0307WBSD01

Tgt Ion: 43 Resp: 411524

Ion Ratio Lower Upper

43 100

58 39.2 31.3 46.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

250000

200000

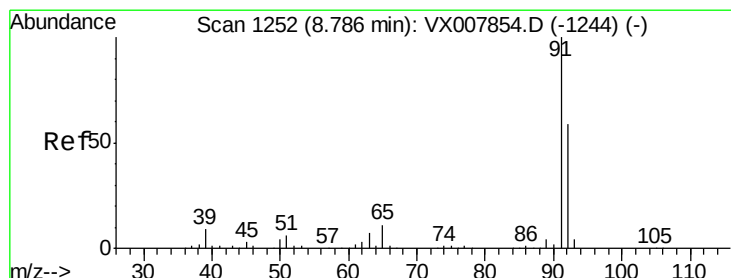
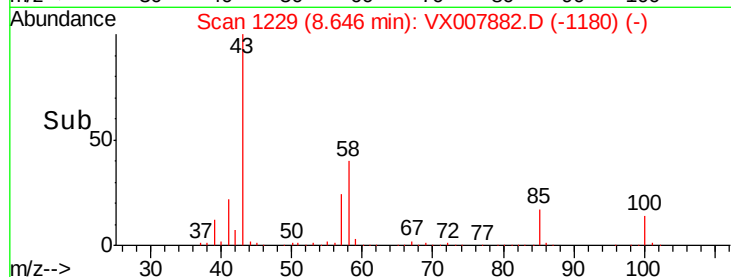
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 19.031 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX007882.D

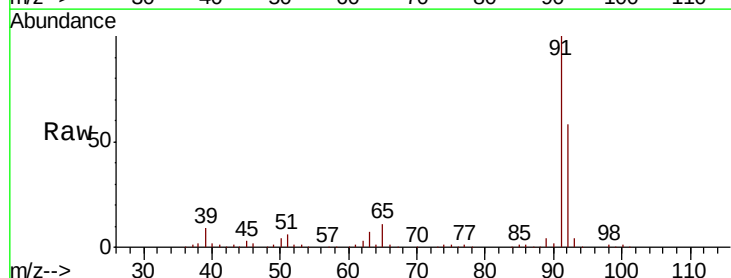
Acq: 07 Mar 2019 14:31

Tgt Ion: 92 Resp: 125162

Ion Ratio Lower Upper

92 100

91 172.2 137.4 206.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

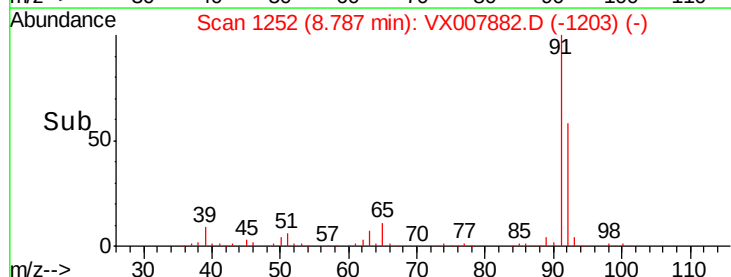
150000

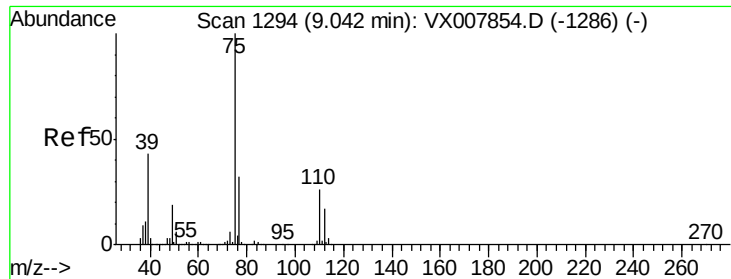
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 18.507 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007882.D

Acq: 07 Mar 2019 14:31

Instrument :

MSVOA_X

ClientSampled :

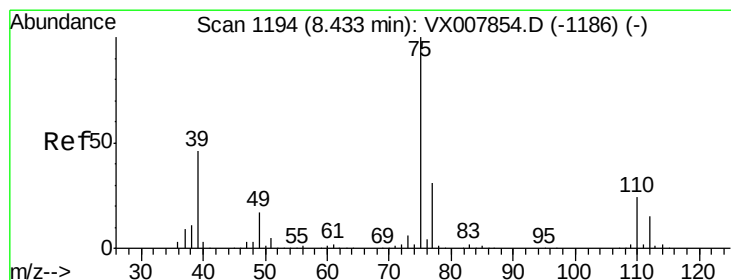
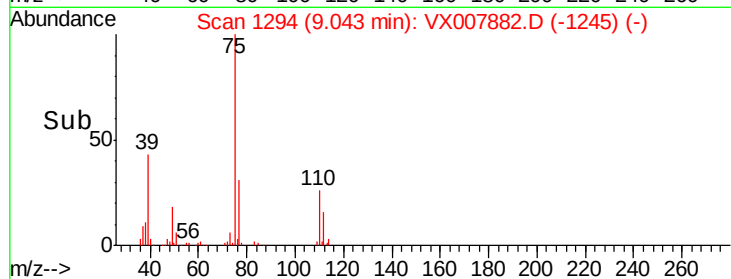
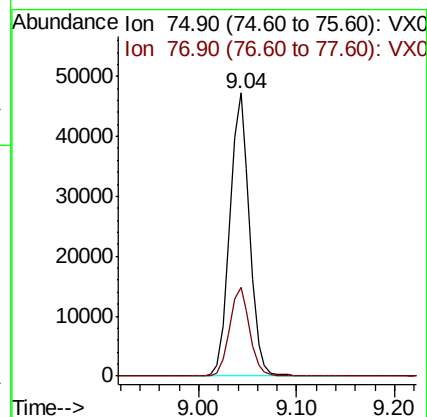
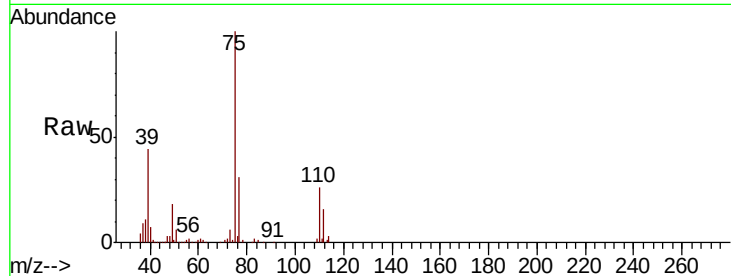
VX0307WBSD01

Tgt Ion: 75 Resp: 65942

Ion Ratio Lower Upper

75 100

77 31.2 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 18.846 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX007882.D

Acq: 07 Mar 2019 14:31

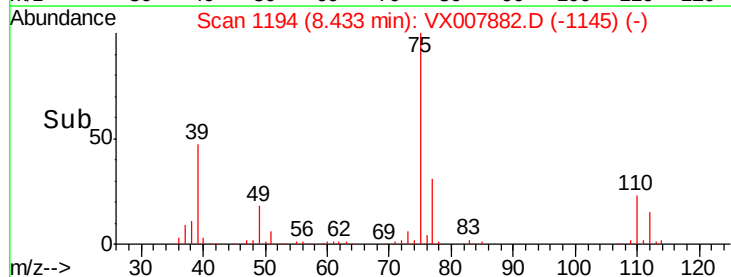
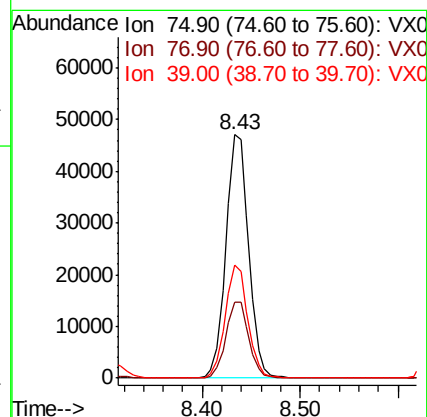
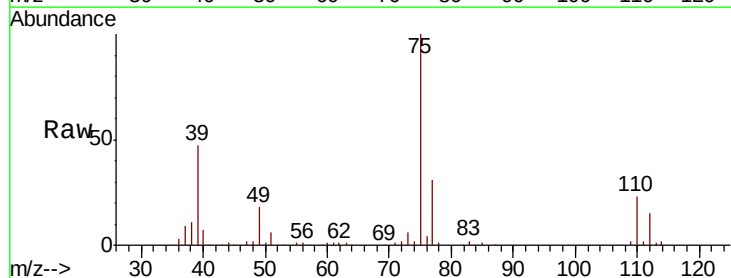
Tgt Ion: 75 Resp: 75831

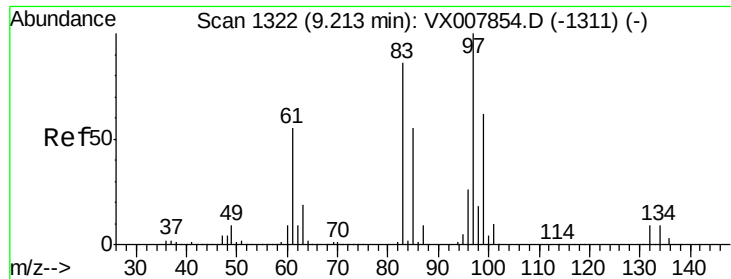
Ion Ratio Lower Upper

75 100

77 31.3 25.0 37.6

39 46.5 36.6 54.8

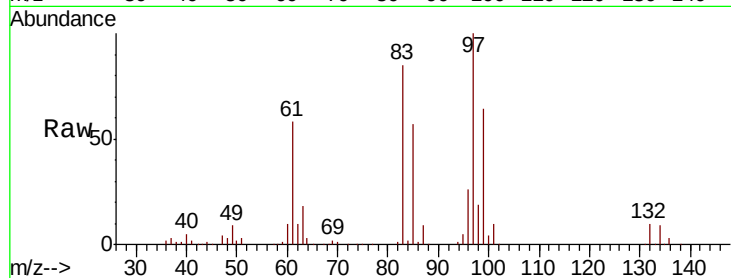




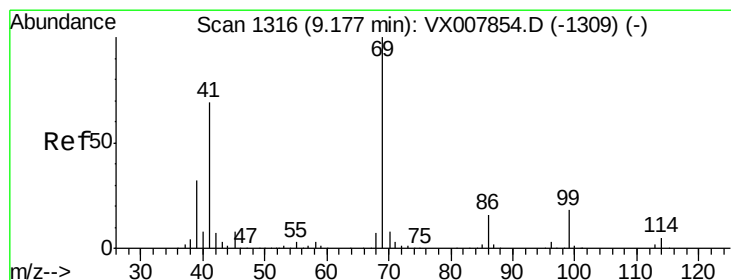
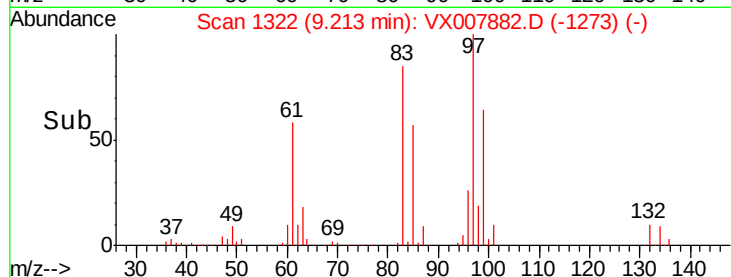
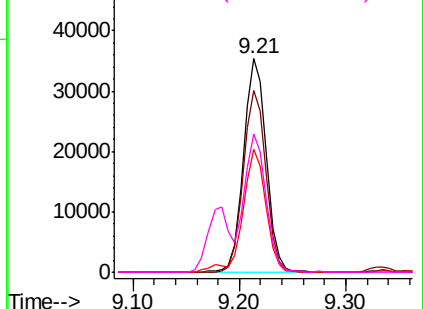
#55
 1,1,2-Trichloroethane
 Concen: 19.843 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX007882.D
 Acq: 07 Mar 2019 14:31

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0307WBSD01

Tgt Ion: 97 Resp: 52830
 Ion Ratio Lower Upper
 97 100
 83 85.3 69.1 103.7
 85 57.4 44.3 66.5
 99 64.5 49.8 74.8

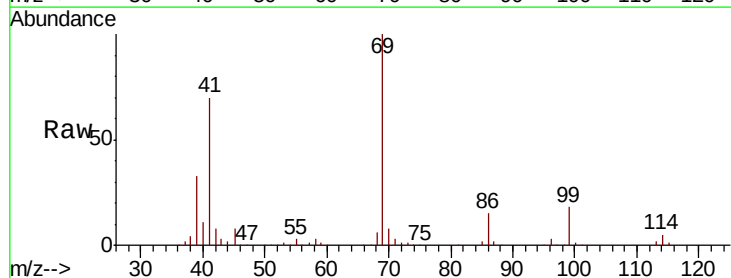


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

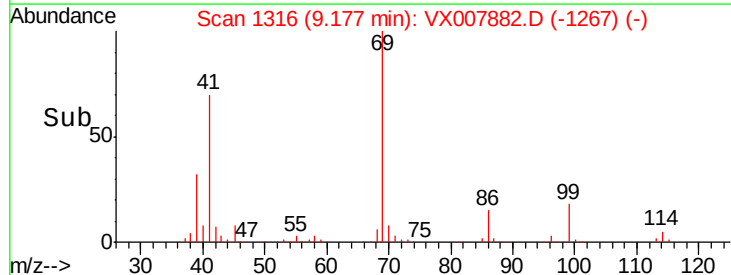
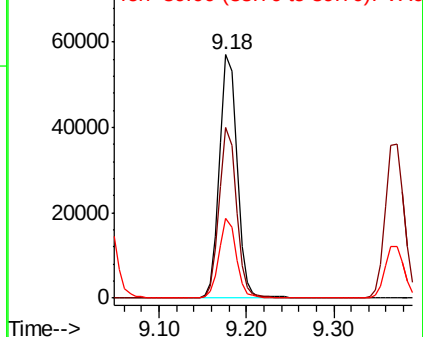


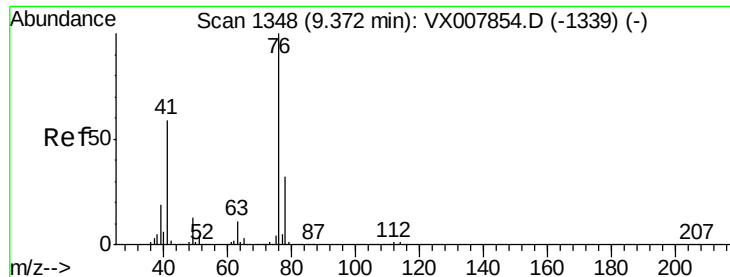
#56
 Ethyl methacrylate
 Concen: 19.931 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX007882.D
 Acq: 07 Mar 2019 14:31

Tgt Ion: 69 Resp: 79674
 Ion Ratio Lower Upper
 69 100
 41 69.2 54.2 81.4
 39 31.6 25.0 37.4



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

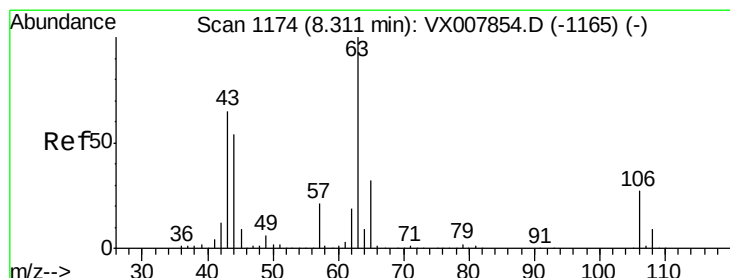
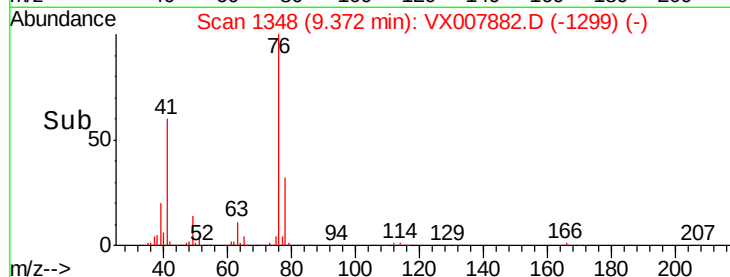
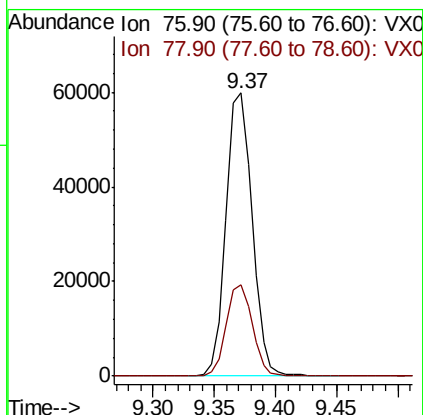
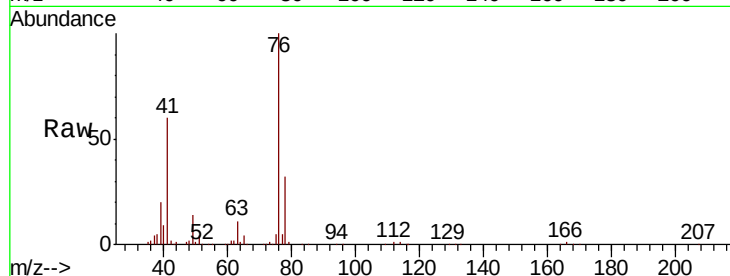




#57
 1,3-Dichloropropane
 Concen: 19.805 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX007882.D
 Acq: 07 Mar 2019 14:31

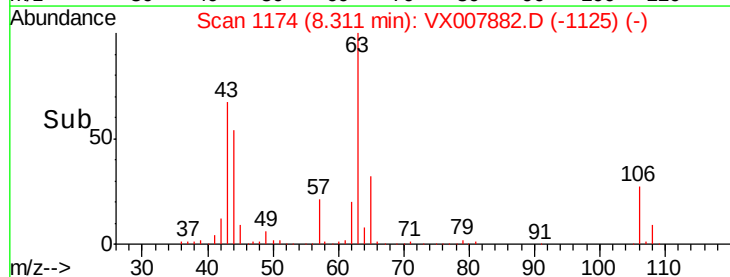
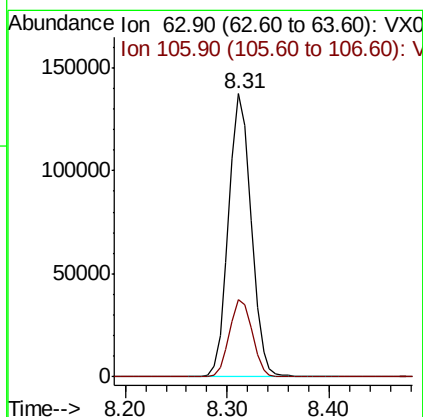
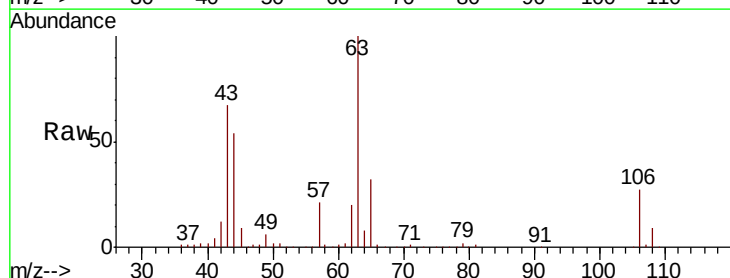
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0307WBSD01

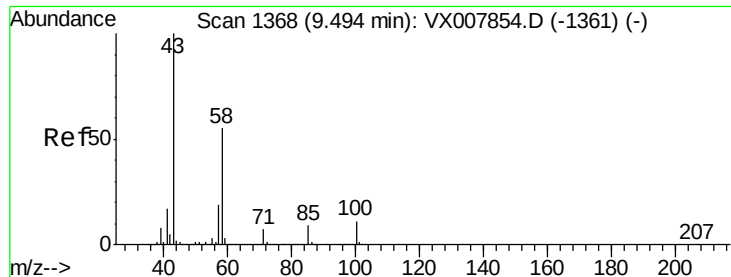
Tgt Ion: 76 Resp: 88533
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 102.009 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX007882.D
 Acq: 07 Mar 2019 14:31

Tgt Ion: 63 Resp: 210933
 Ion Ratio Lower Upper
 63 100
 106 27.8 22.2 33.2

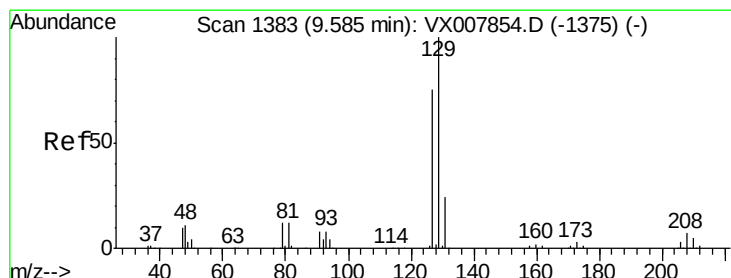
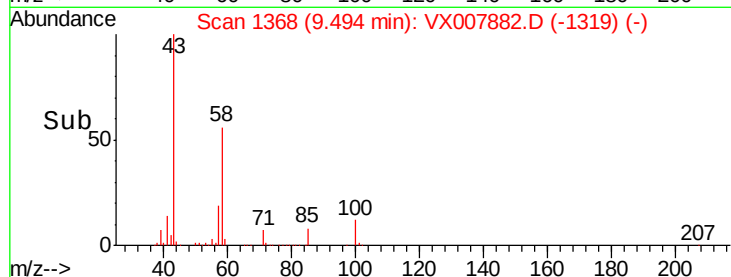
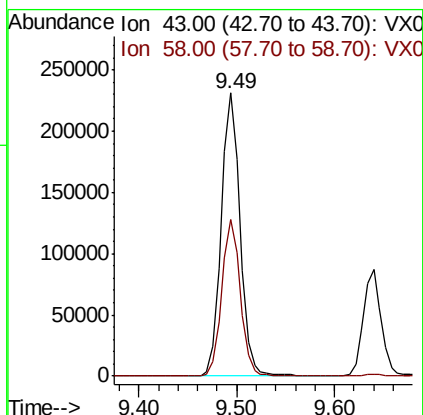
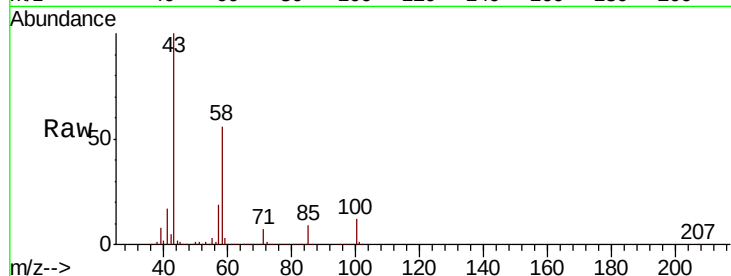




#59
2-Hexanone
Concen: 97.306 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007882.D
Acq: 07 Mar 2019 14:31

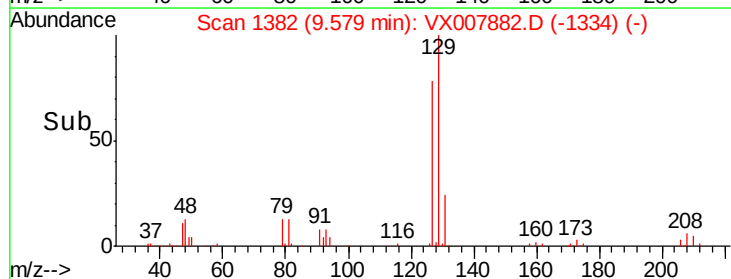
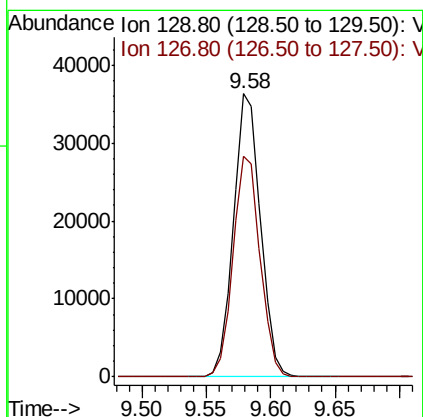
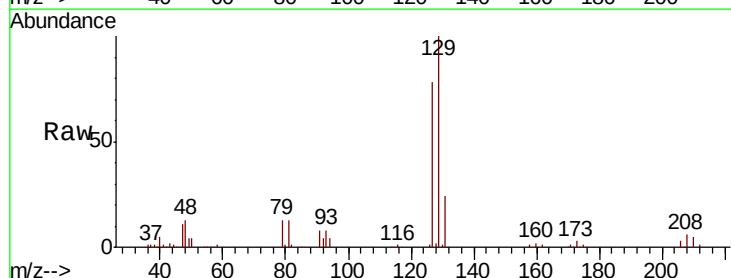
Instrument :
MSVOA_X
ClientSampled :
VX0307WBSD01

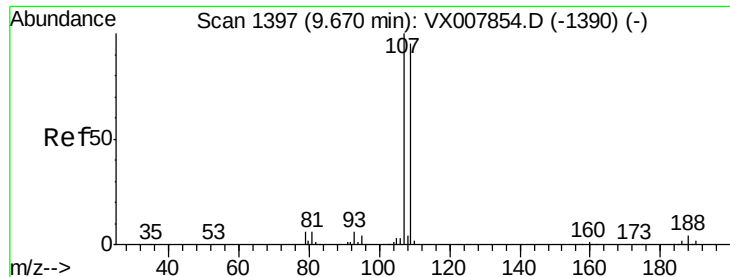
Tgt Ion: 43 Resp: 308753
Ion Ratio Lower Upper
43 100
58 54.8 27.6 82.7



#60
Dibromochloromethane
Concen: 19.074 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.01 min
Lab File: VX007882.D
Acq: 07 Mar 2019 14:31

Tgt Ion: 129 Resp: 53079
Ion Ratio Lower Upper
129 100
127 78.1 38.3 114.8





#61

1,2-Dibromoethane

Concen: 19.546 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007882.D

Acq: 07 Mar 2019 14:31

Instrument :

MSVOA_X

ClientSampleId :

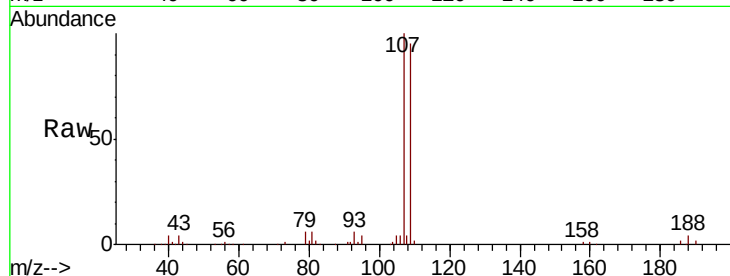
VX0307WBSD01

Tgt Ion: 107 Resp: 55250

Ion Ratio Lower Upper

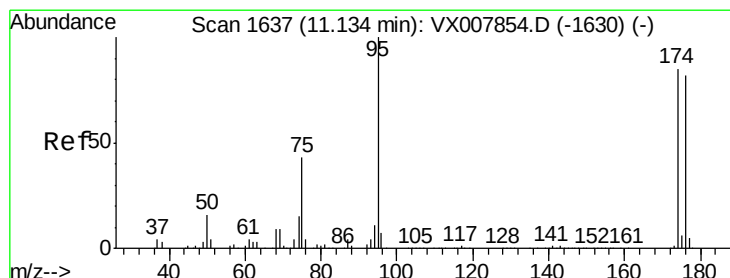
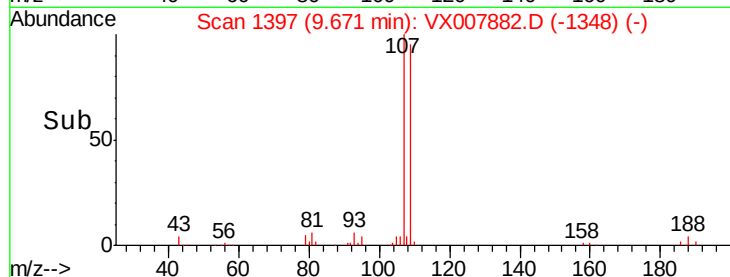
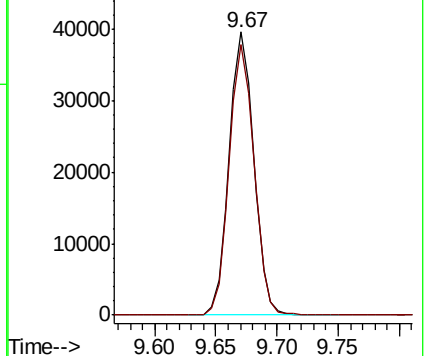
107 100

109 96.1 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.084 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007882.D

Acq: 07 Mar 2019 14:31

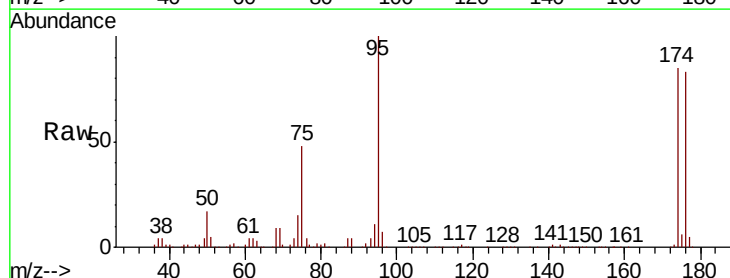
Tgt Ion: 95 Resp: 164849

Ion Ratio Lower Upper

95 100

174 92.1 0.0 182.8

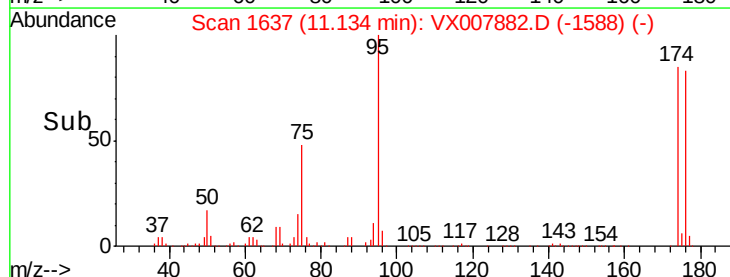
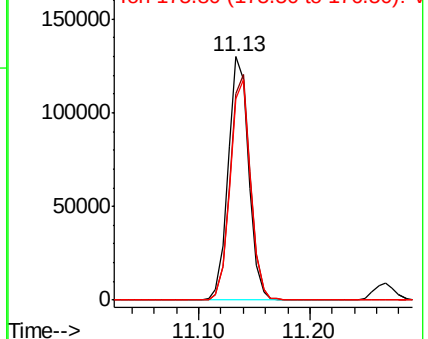
176 89.8 0.0 178.0

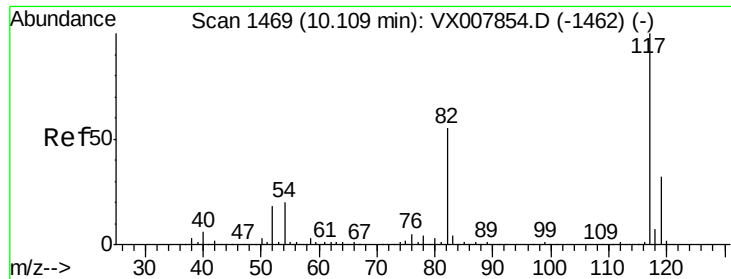


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

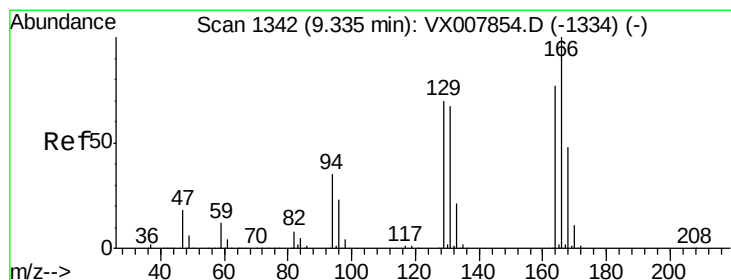
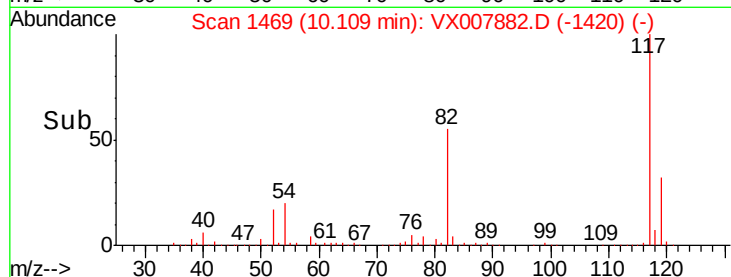
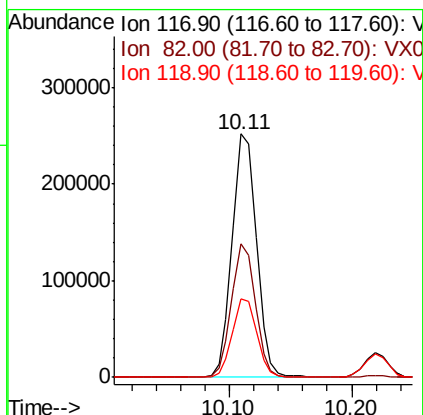
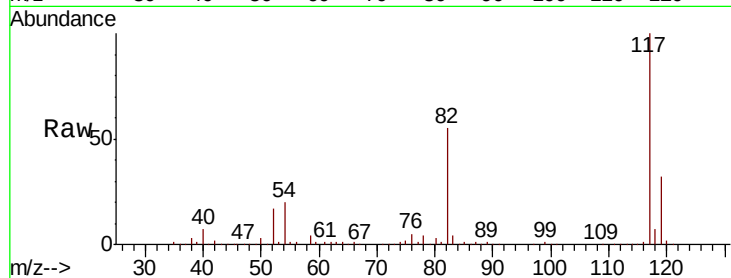




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007882.D
Acq: 07 Mar 2019 14:31

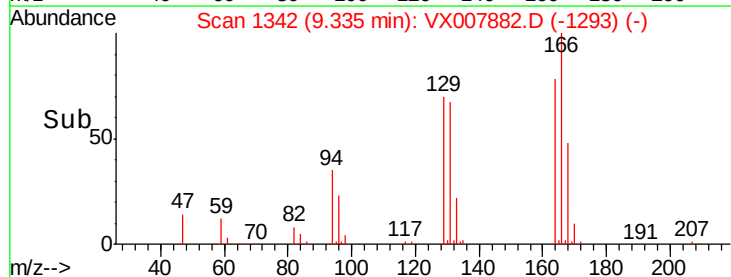
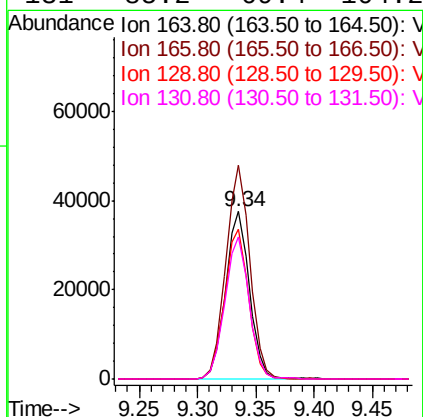
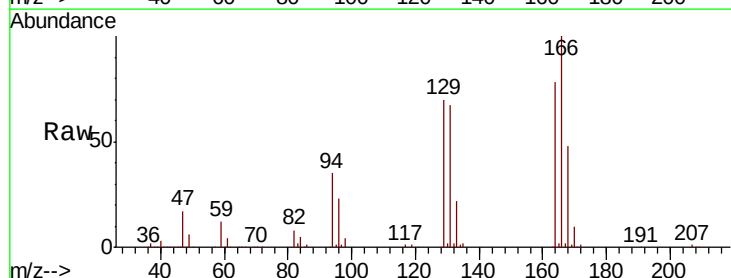
Instrument :
MSVOA_X
ClientSampleId :
VX0307WBSD01

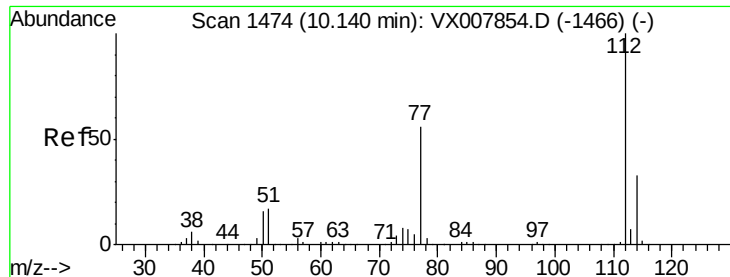
Tgt Ion:117 Resp: 347853
Ion Ratio Lower Upper
117 100
82 54.9 44.3 66.5
119 32.0 25.3 37.9



#64
Tetrachloroethene
Concen: 18.520 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007882.D
Acq: 07 Mar 2019 14:31

Tgt Ion:164 Resp: 53385
Ion Ratio Lower Upper
164 100
166 127.6 103.4 155.0
129 89.4 72.2 108.4
131 85.2 69.4 104.2

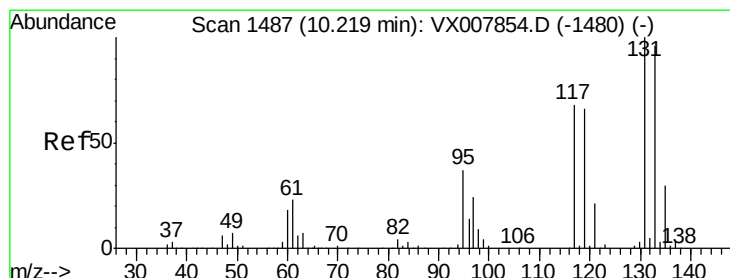
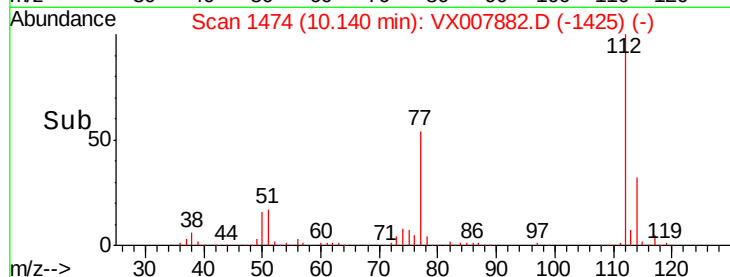
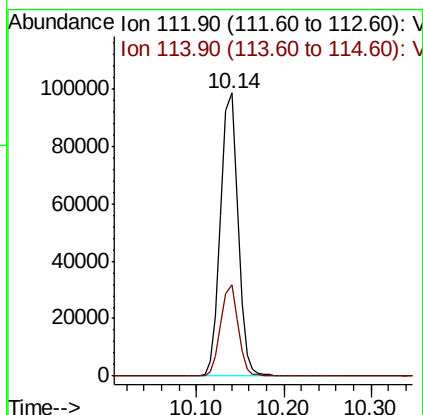
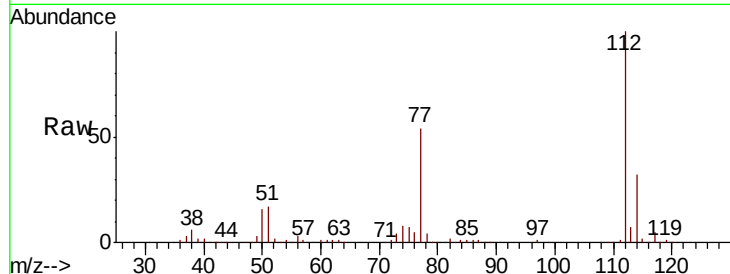




#65
Chlorobenzene
Concen: 18.773 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX007882.D
Acq: 07 Mar 2019 14:31

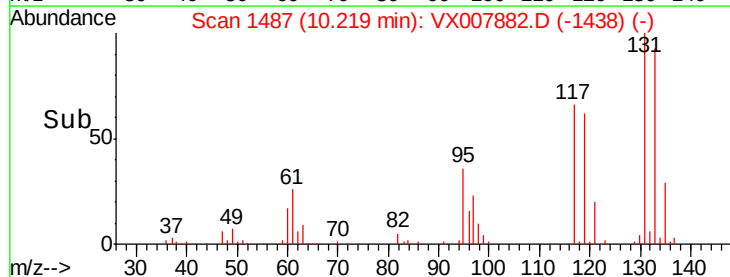
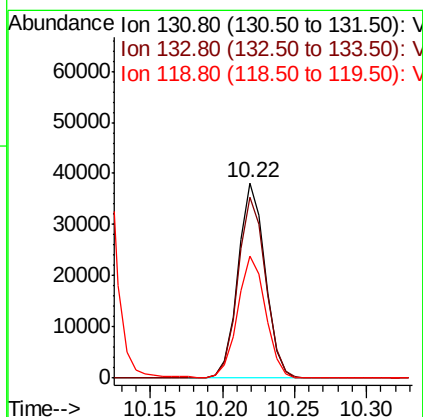
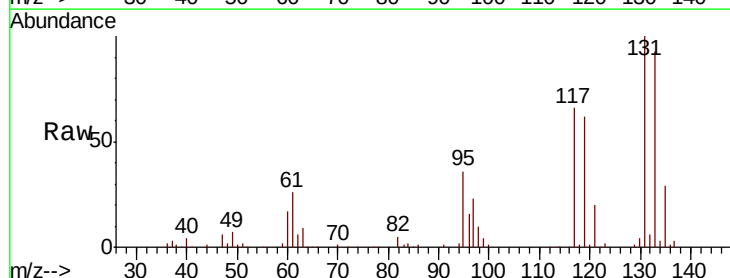
Instrument :
MSVOA_X
ClientSampleId :
VX0307WBSD01

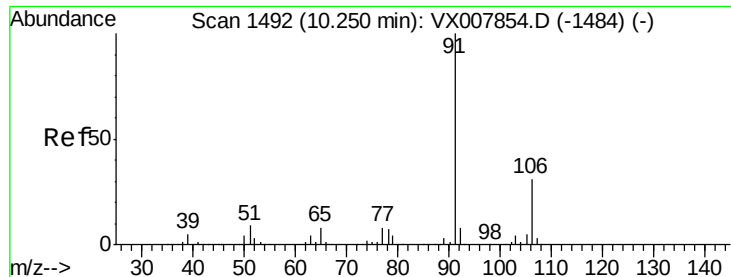
Tgt Ion:112 Resp: 136651
Ion Ratio Lower Upper
112 100
114 32.3 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 19.169 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX007882.D
Acq: 07 Mar 2019 14:31

Tgt Ion:131 Resp: 50008
Ion Ratio Lower Upper
131 100
133 94.7 47.8 143.3
119 64.3 32.5 97.5





#67

Ethyl Benzene

Concen: 18.742 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX007882.D

Acq: 07 Mar 2019 14:31

Instrument :

MSVOA_X

ClientSampleId :

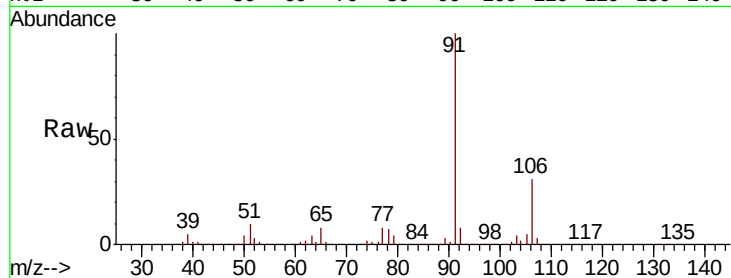
VX0307WBSD01

Tgt Ion: 91 Resp: 224567

Ion Ratio Lower Upper

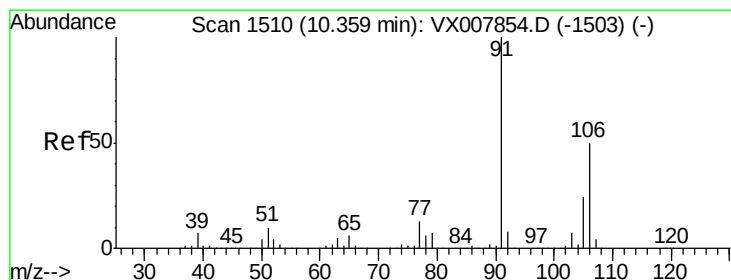
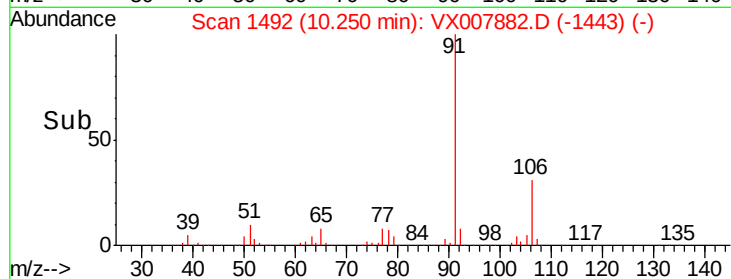
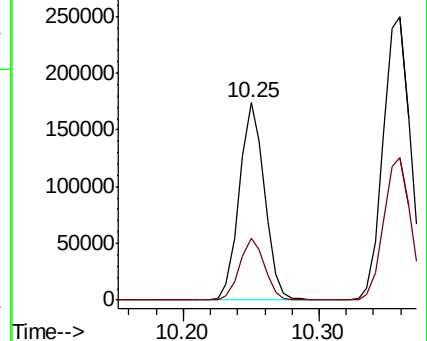
91 100

106 31.1 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 37.480 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX007882.D

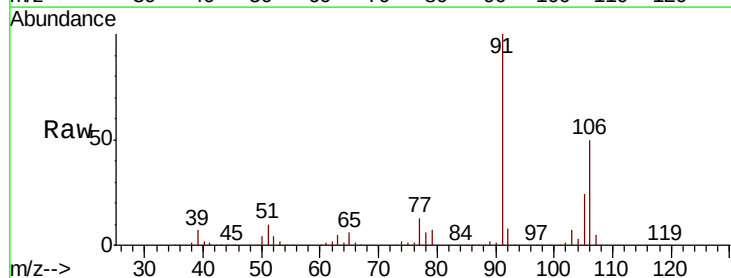
Acq: 07 Mar 2019 14:31

Tgt Ion: 106 Resp: 173101

Ion Ratio Lower Upper

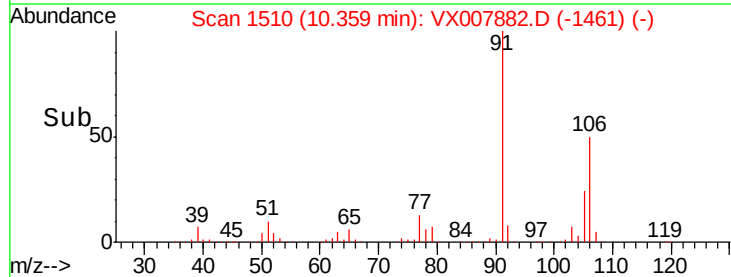
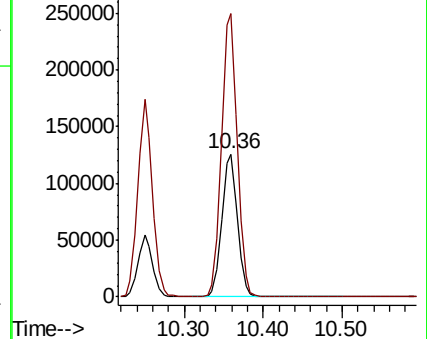
106 100

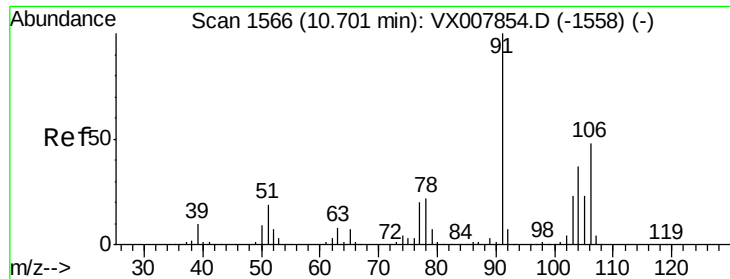
91 200.9 159.8 239.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

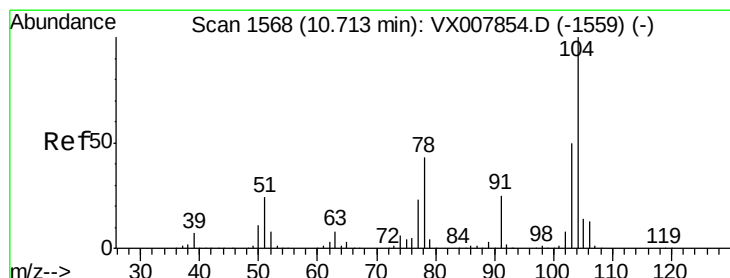
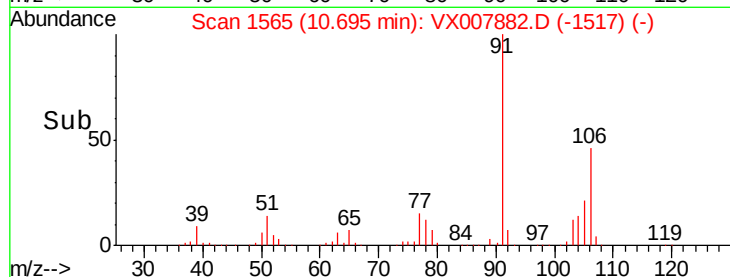
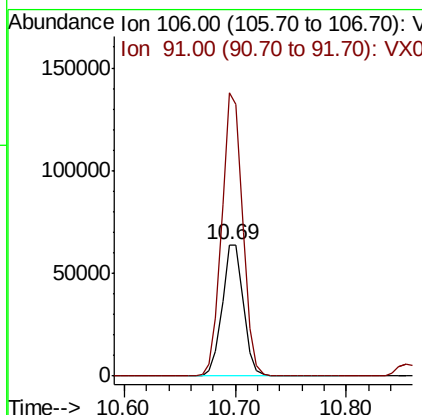
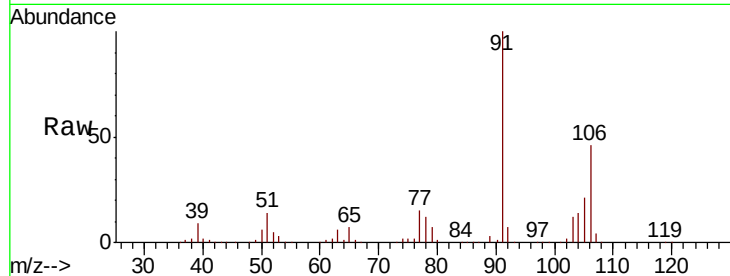




#69
o-Xylene
Concen: 18.938 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX007882.D
Acq: 07 Mar 2019 14:31

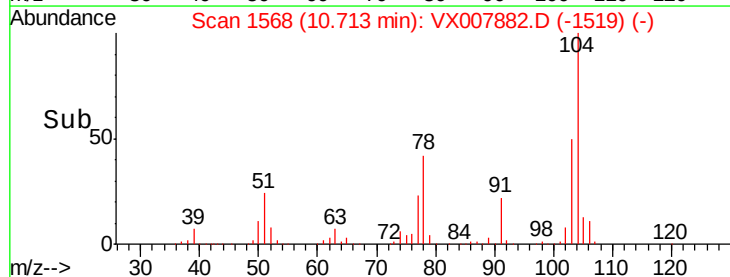
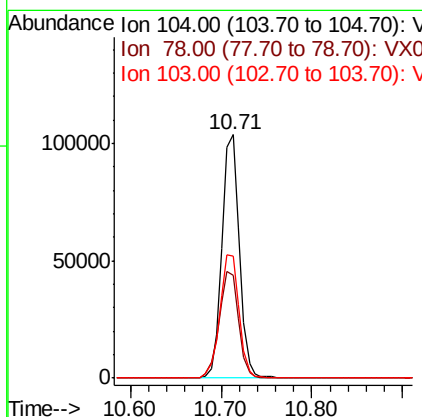
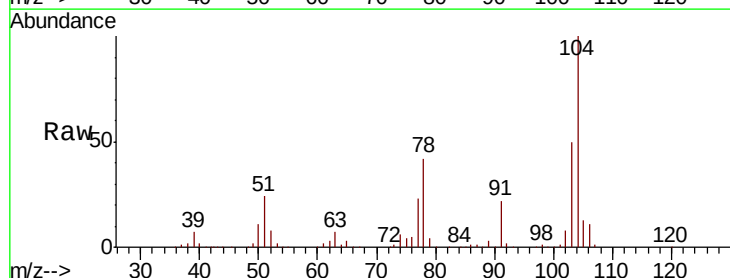
Instrument :
MSVOA_X
ClientSampleId :
VX0307WBSD01

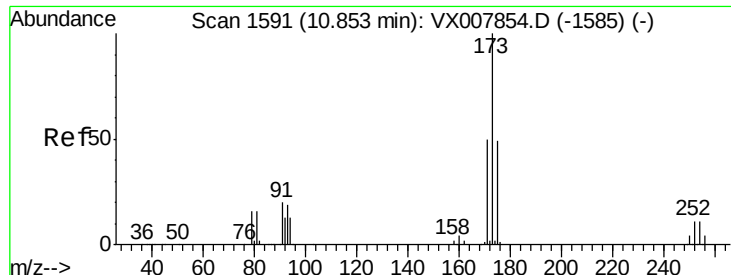
Tgt Ion:106 Resp: 84443
Ion Ratio Lower Upper
106 100
91 212.9 106.3 318.9



#70
Styrene
Concen: 19.120 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007882.D
Acq: 07 Mar 2019 14:31

Tgt Ion:104 Resp: 139512
Ion Ratio Lower Upper
104 100
78 48.8 38.5 57.7
103 55.8 44.1 66.1

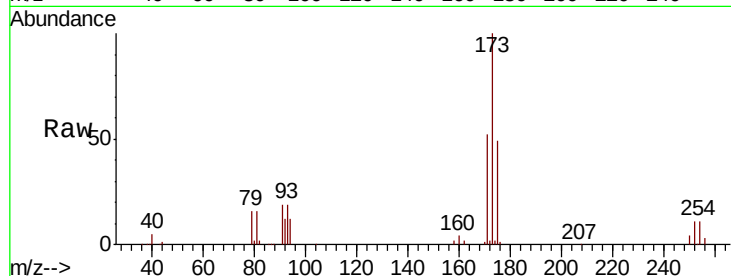




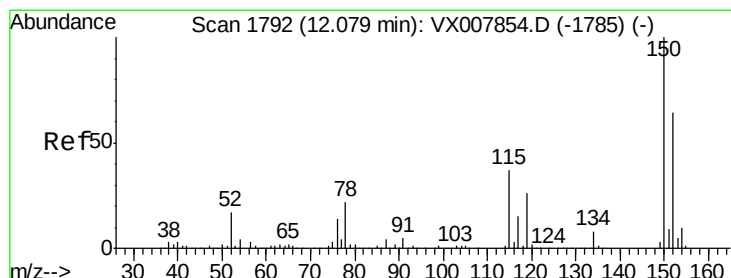
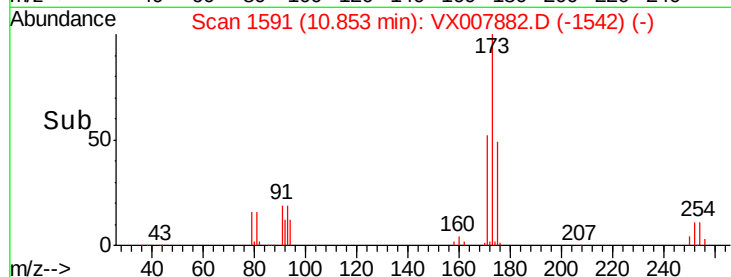
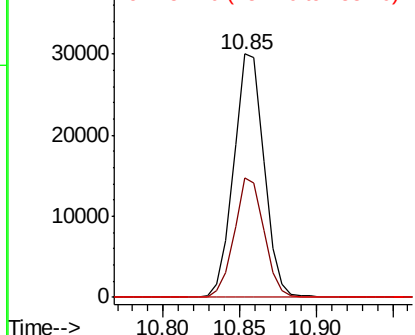
#71
Bromoform
Concen: 18.365 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX007882.D
Acq: 07 Mar 2019 14:31

Instrument :
MSVOA_X
ClientSampleId :
VX0307WBSD01

Tgt Ion:173 Resp: 41145
Ion Ratio Lower Upper
173 100
175 48.0 24.3 72.9
254 0.0 0.1 0.1#

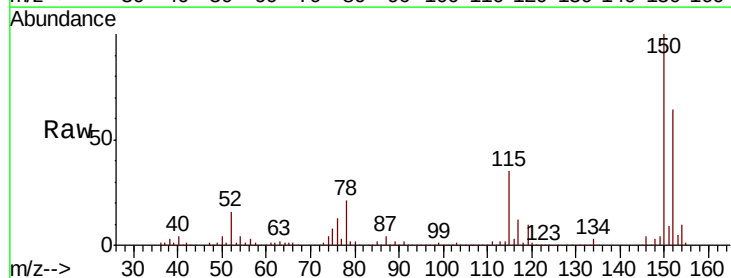


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

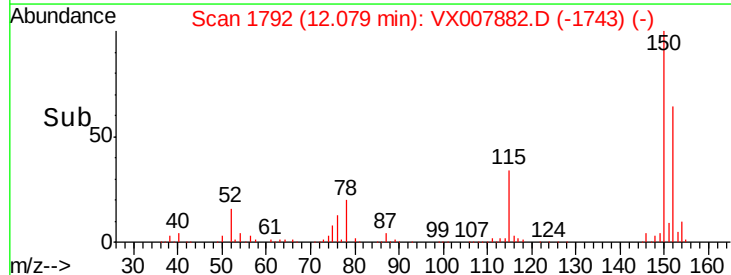
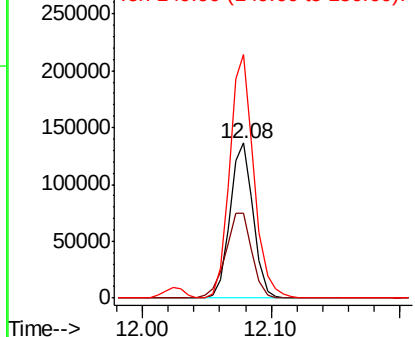


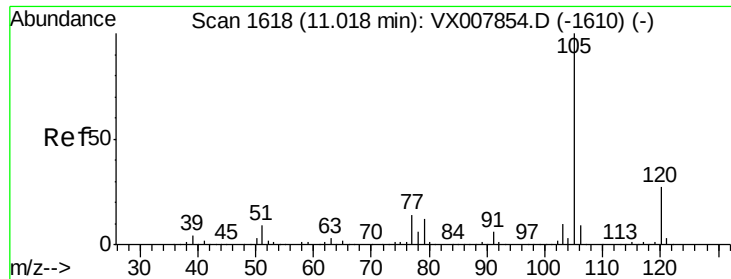
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX007882.D
Acq: 07 Mar 2019 14:31

Tgt Ion:152 Resp: 171007
Ion Ratio Lower Upper
152 100
115 62.6 38.6 115.7
150 163.3 0.0 348.4



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





#73

Isopropylbenzene

Concen: 19.489 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007882.D

Acq: 07 Mar 2019 14:31

Instrument :

MSVOA_X

ClientSampleId :

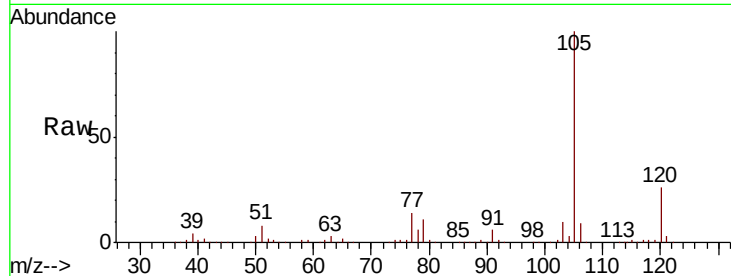
VX0307WBSD01

Tgt Ion: 105 Resp: 225396

Ion Ratio Lower Upper

105 100

120 26.4 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

100000

50000

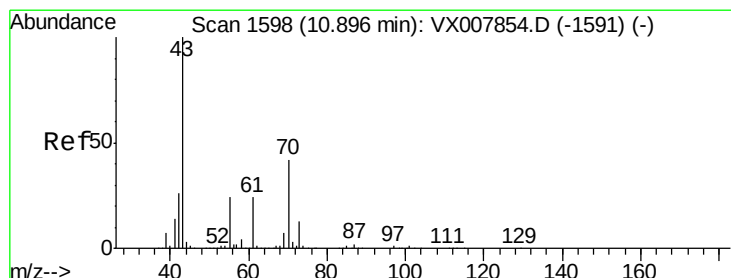
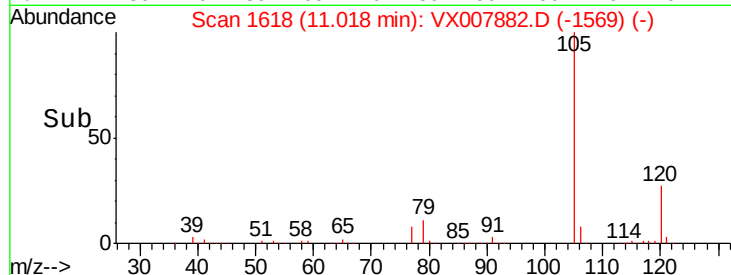
0

11.02

11.00

11.10

Time-->



#74

N-ethyl acetate

Concen: 19.722 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007882.D

Acq: 07 Mar 2019 14:31

Tgt Ion: 43 Resp: 104129

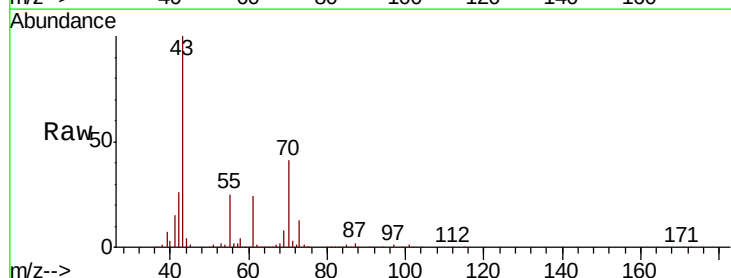
Ion Ratio Lower Upper

43 100

70 41.7 33.5 50.3

55 25.5 19.2 28.8

61 23.8 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

100000

50000

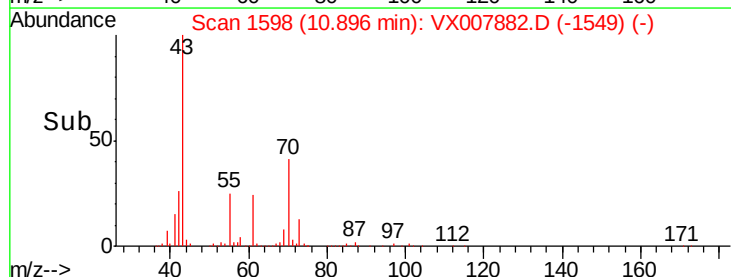
0

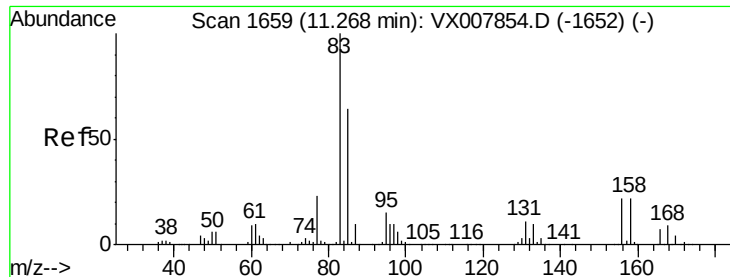
10.90

10.80

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.947 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007882.D

Acq: 07 Mar 2019 14:31

Instrument :

MSVOA_X

ClientSampleId :

VX0307WBSD01

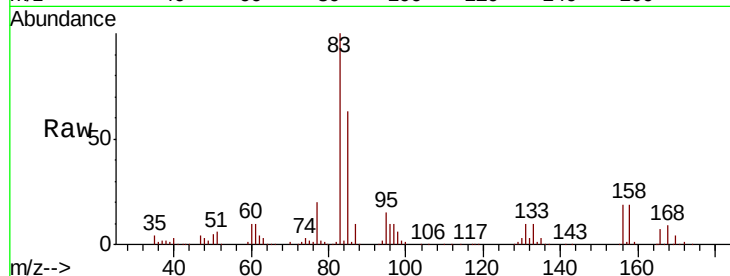
Tgt Ion: 83 Resp: 79575

Ion Ratio Lower Upper

83 100

131 10.6 5.4 16.2

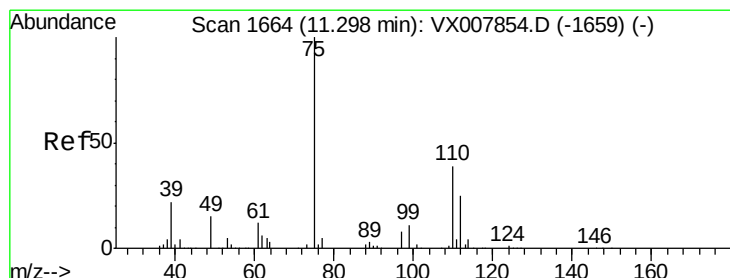
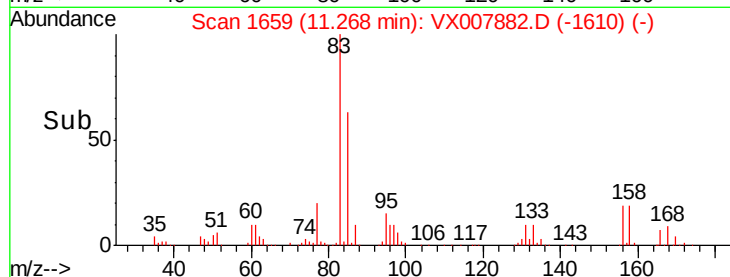
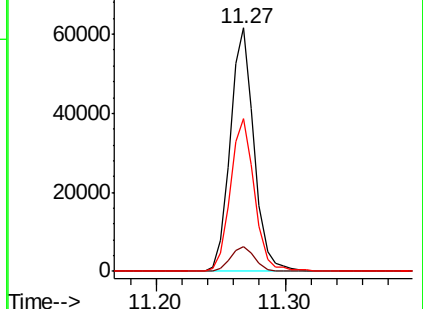
85 63.7 32.3 96.8



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: 24.097 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX007882.D

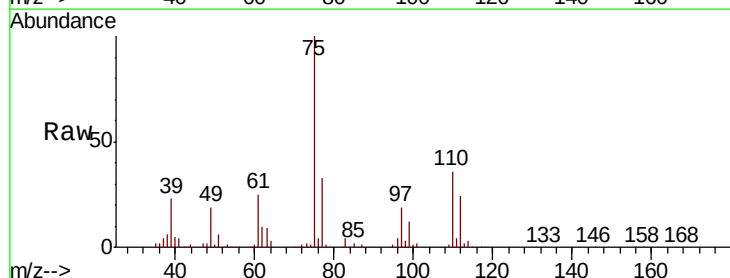
Acq: 07 Mar 2019 14:31

Tgt Ion: 75 Resp: 86470

Ion Ratio Lower Upper

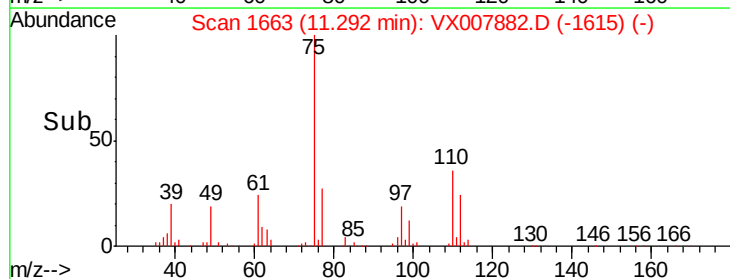
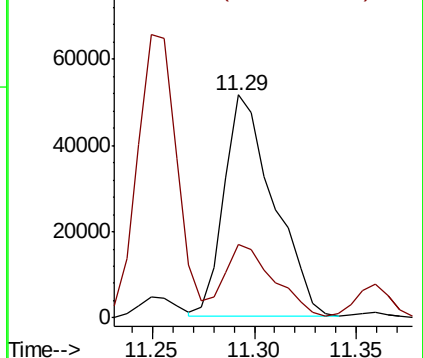
75 100

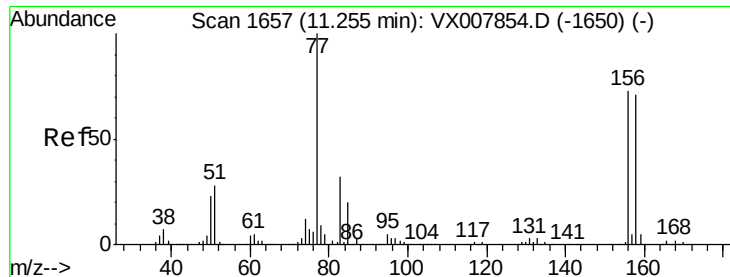
77 33.6 18.9 56.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.175 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007882.D

Acq: 07 Mar 2019 14:31

Instrument :

MSVOA_X

ClientSampleId :

VX0307WBSD01

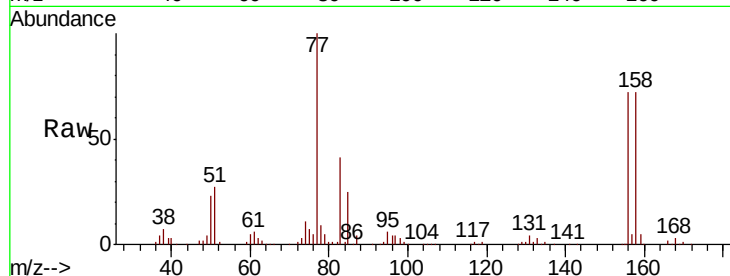
Tgt Ion:156 Resp: 60802

Ion Ratio Lower Upper

156 100

77 144.6 72.0 215.9

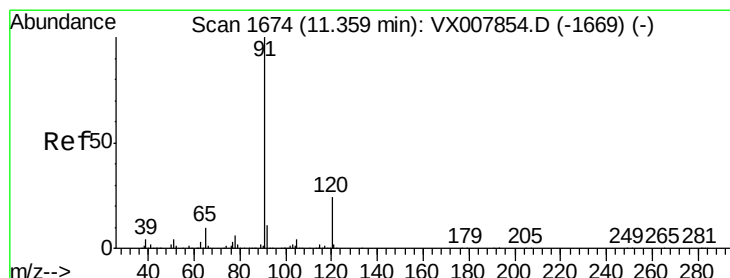
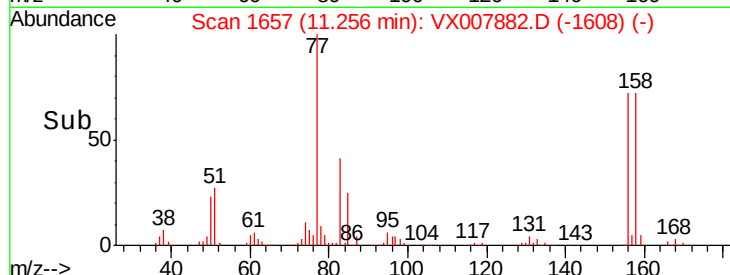
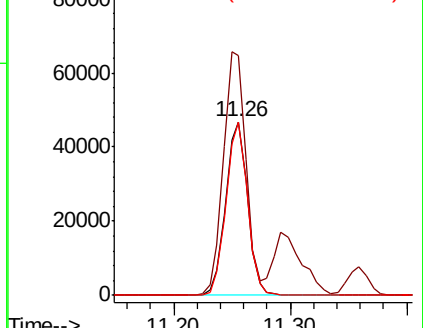
158 97.9 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.230 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007882.D

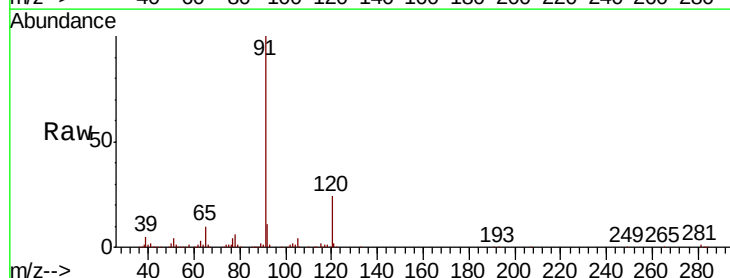
Acq: 07 Mar 2019 14:31

Tgt Ion: 91 Resp: 246730

Ion Ratio Lower Upper

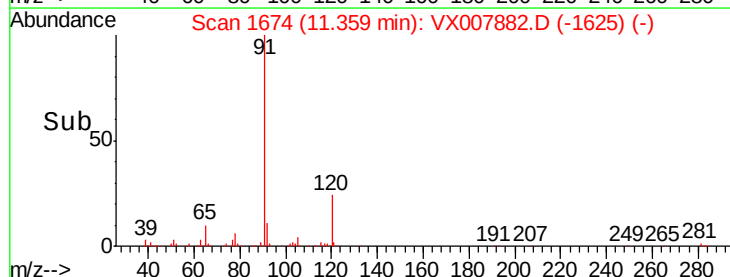
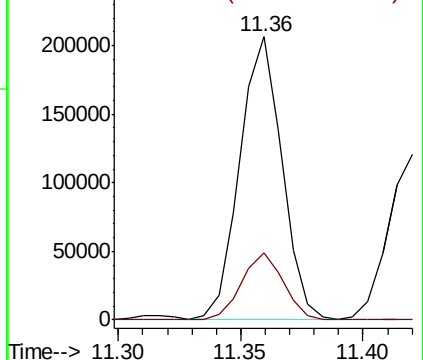
91 100

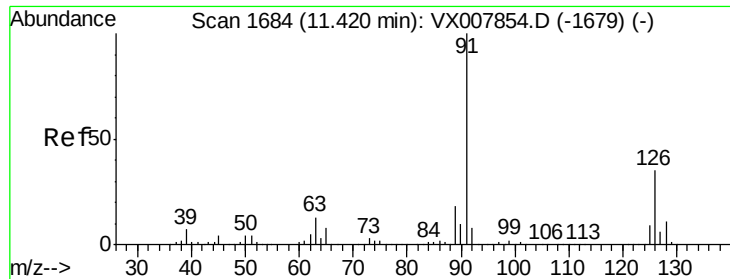
120 23.8 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.947 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007882.D

Acq: 07 Mar 2019 14:31

Instrument :

MSVOA_X

ClientSampleId :

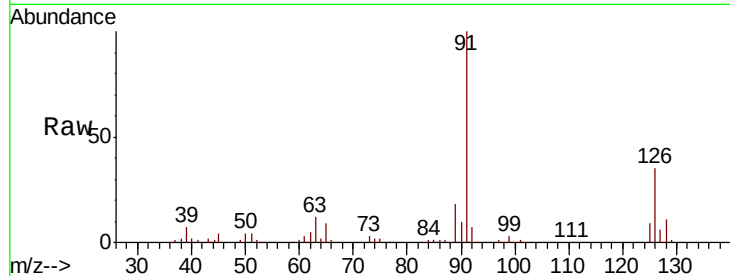
VX0307WBSD01

Tgt Ion: 91 Resp: 148639

Ion Ratio Lower Upper

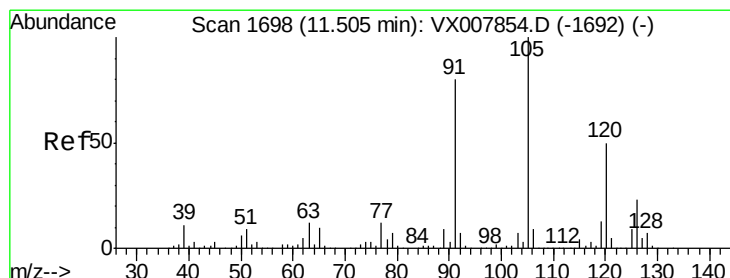
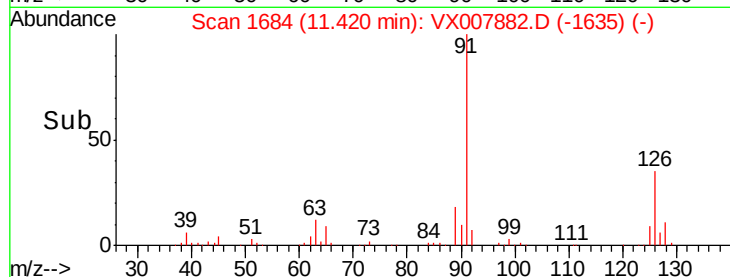
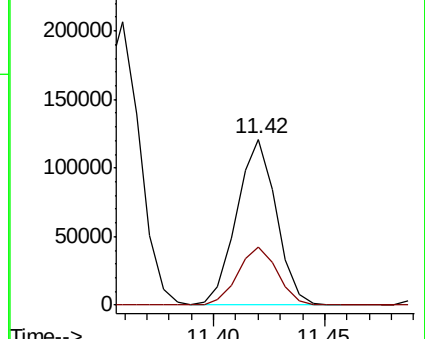
91 100

126 35.4 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.530 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007882.D

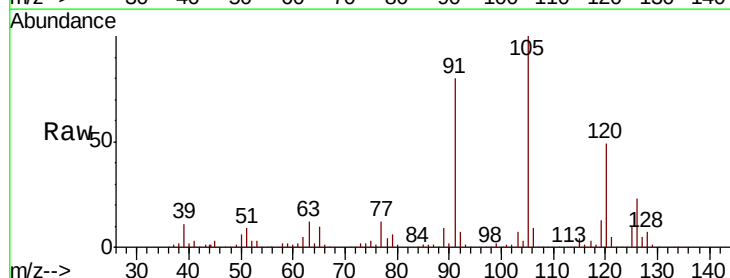
Acq: 07 Mar 2019 14:31

Tgt Ion: 105 Resp: 185907

Ion Ratio Lower Upper

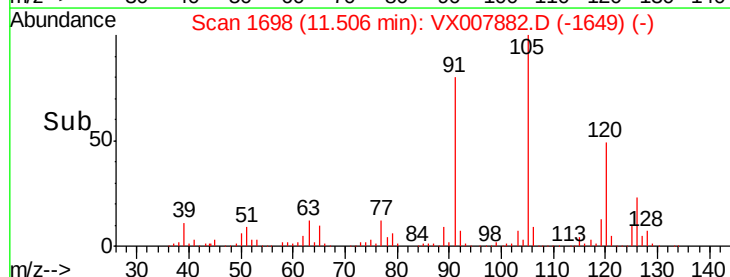
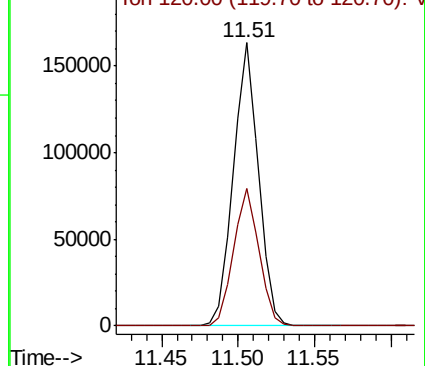
105 100

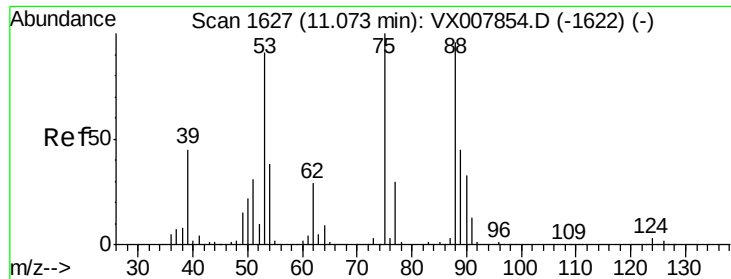
120 49.0 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 17.717 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007882.D

Acq: 07 Mar 2019 14:31

Instrument :

MSVOA_X

ClientSampleId :

VX0307WBSD01

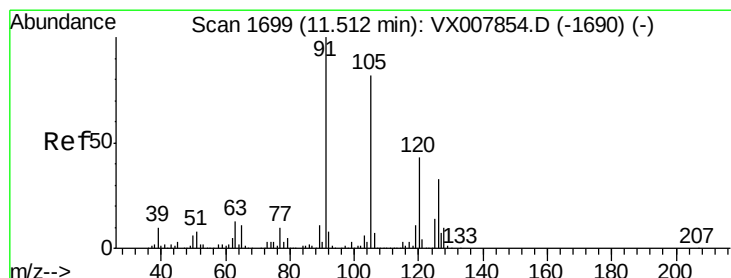
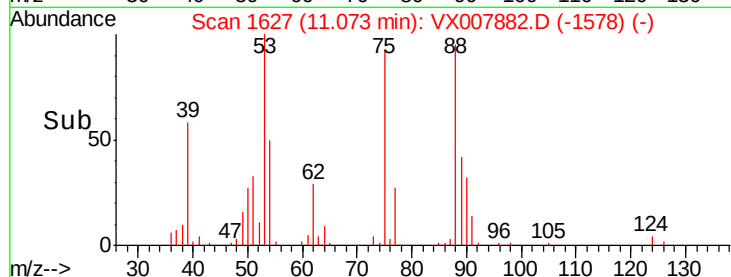
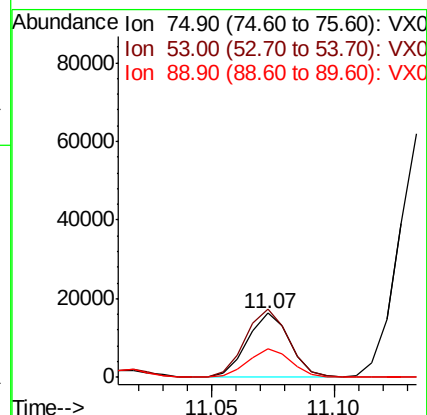
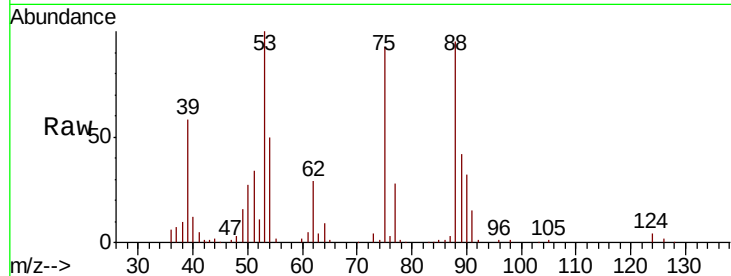
Tgt Ion: 75 Resp: 19889

Ion Ratio Lower Upper

75 100

53 107.1 76.1 114.1

89 45.3 36.3 54.5



#82

4-Chlorotoluene

Concen: 18.864 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX007882.D

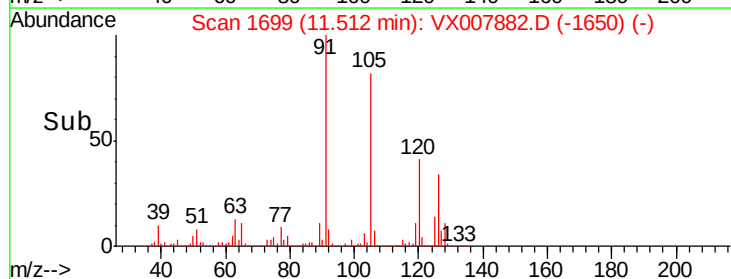
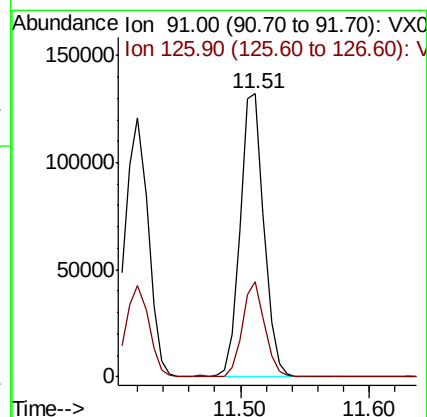
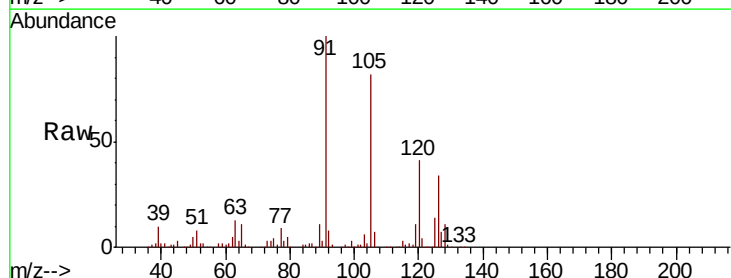
Acq: 07 Mar 2019 14:31

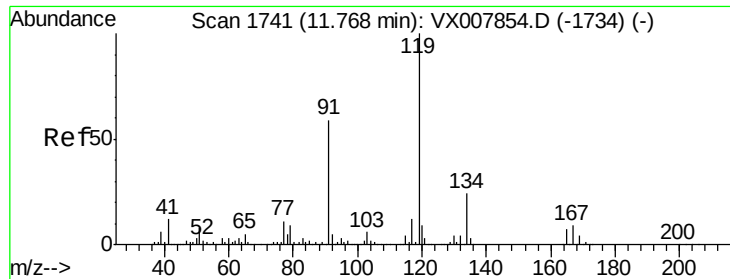
Tgt Ion: 91 Resp: 169596

Ion Ratio Lower Upper

91 100

126 31.3 15.6 46.8

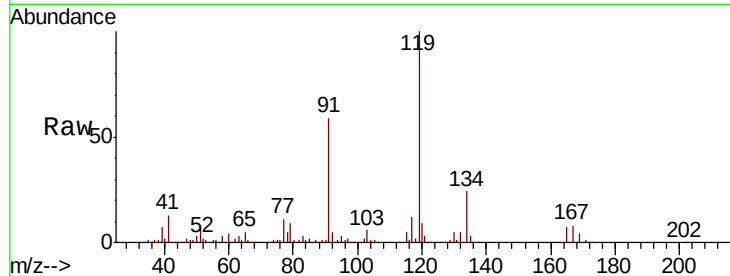




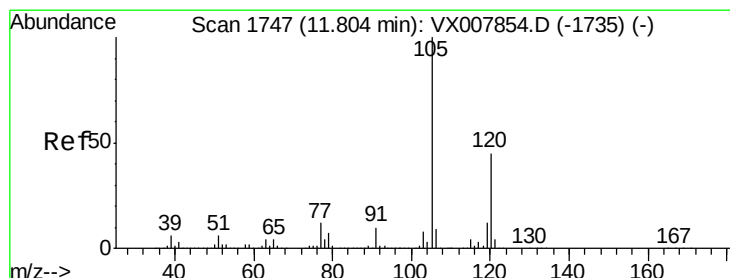
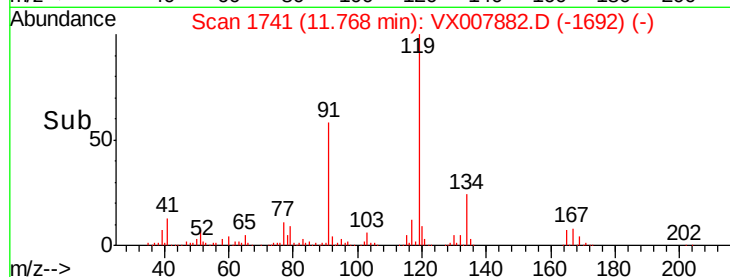
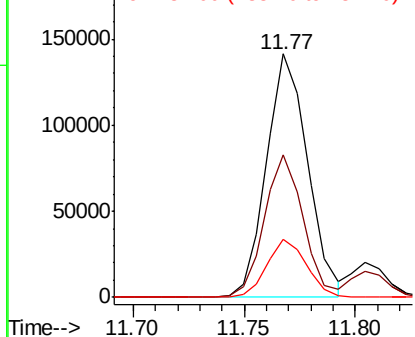
#83
 tert-Butylbenzene
 Concen: 18.975 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX007882.D
 Acq: 07 Mar 2019 14:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0307WBSD01

Tgt Ion:119 Resp: 181945
 Ion Ratio Lower Upper
 119 100
 91 55.3 27.1 81.3
 134 23.2 11.4 34.1

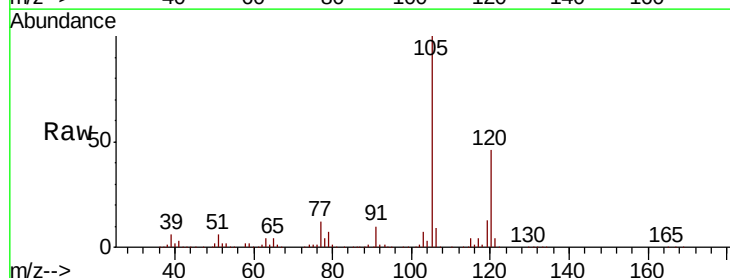


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX0
 Ion 134.00 (133.70 to 134.70): V

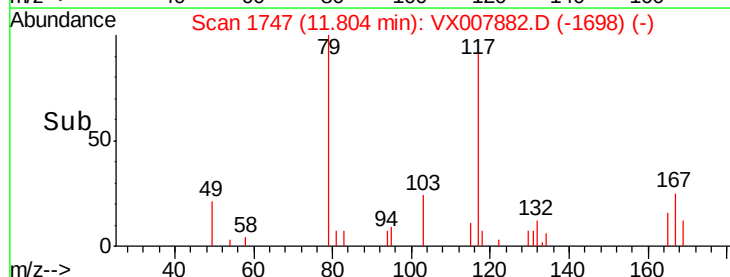
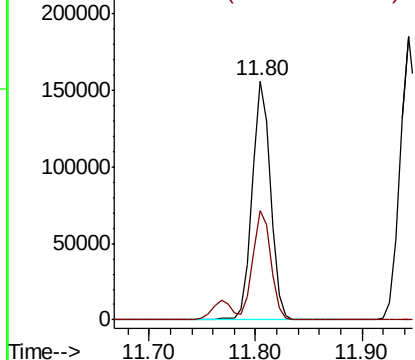


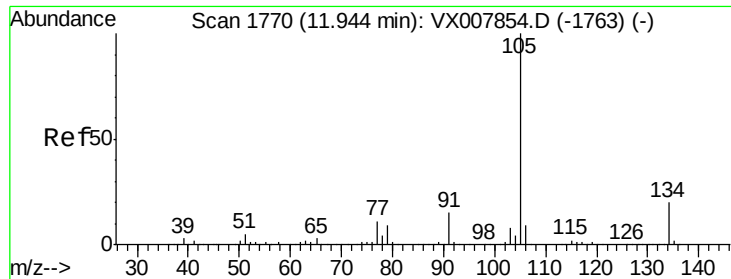
#84
 1,2,4-Trimethylbenzene
 Concen: 19.390 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX007882.D
 Acq: 07 Mar 2019 14:31

Tgt Ion:105 Resp: 189207
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.6 67.7



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





#85

sec-Butylbenzene

Concen: 19.243 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007882.D

Acq: 07 Mar 2019 14:31

Instrument :

MSVOA_X

ClientSampleId :

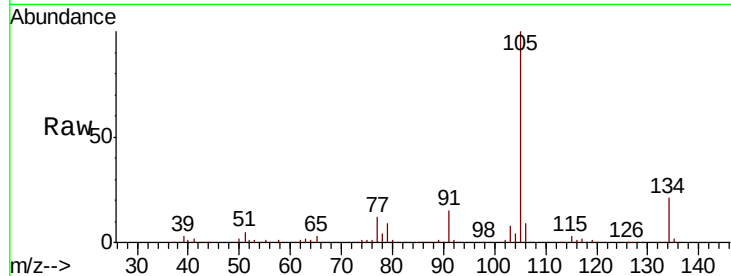
VX0307WBSD01

Tgt Ion:105 Resp: 217312

Ion Ratio Lower Upper

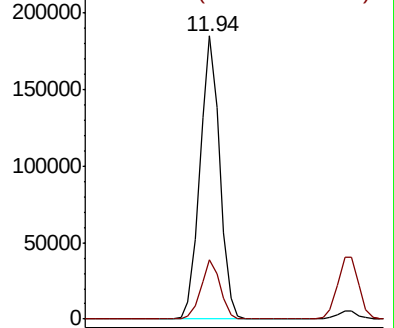
105 100

134 20.5 10.4 31.2

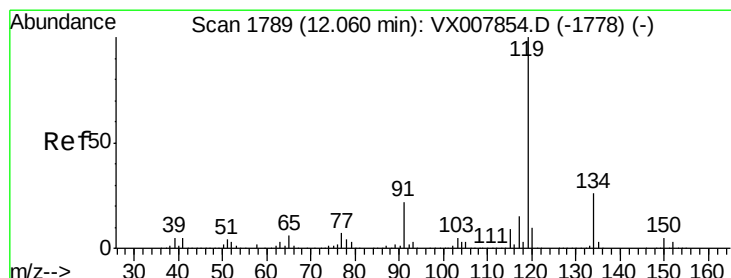
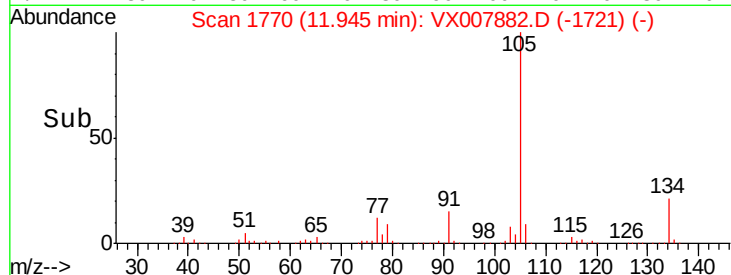


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time-->



#86

p-Isopropyltoluene

Concen: 19.210 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX007882.D

Acq: 07 Mar 2019 14:31

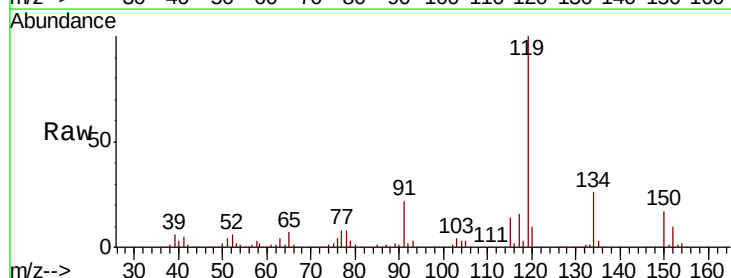
Tgt Ion:119 Resp: 194282

Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.9

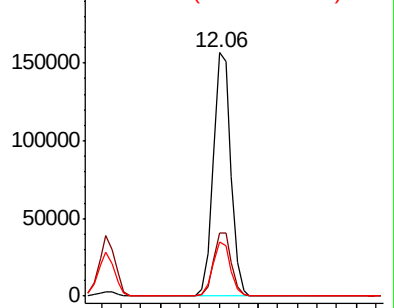
91 22.4 10.9 32.7



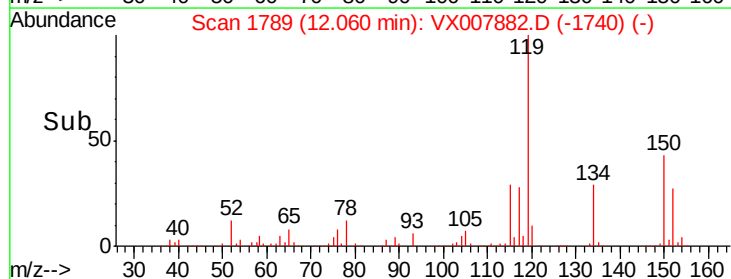
Abundance Ion 119.00 (118.70 to 119.70): V

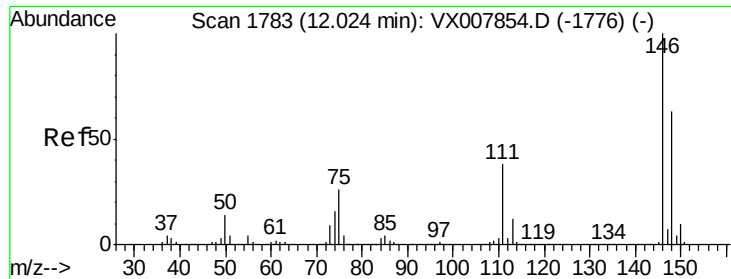
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0



Time-->

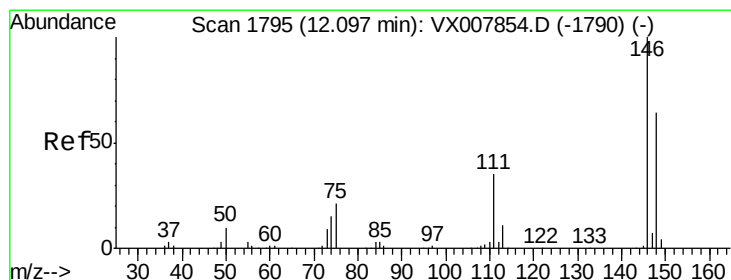
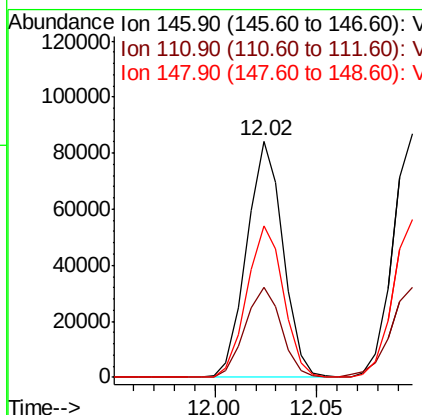
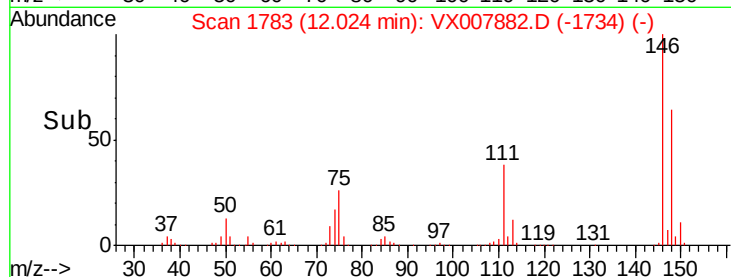
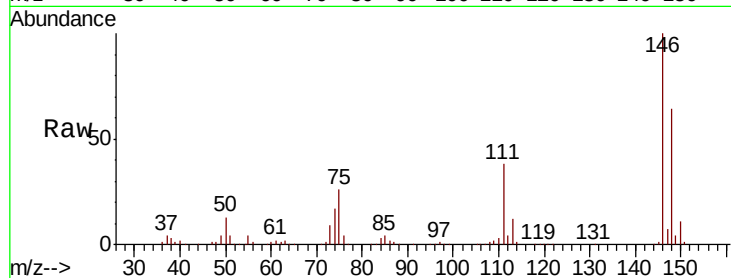




#87
 1,3-Dichlorobenzene
 Concen: 18.621 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX007882.D
 Acq: 07 Mar 2019 14:31

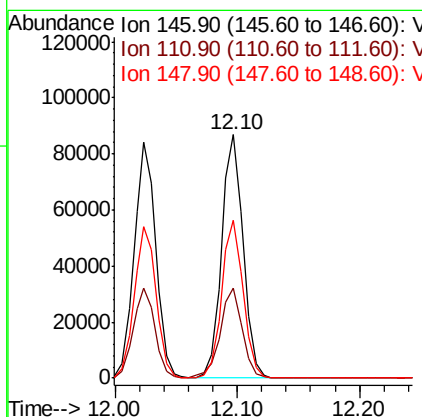
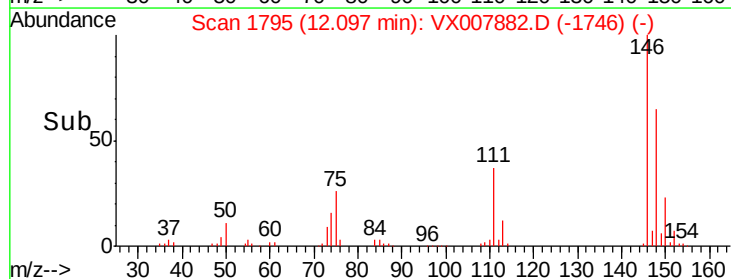
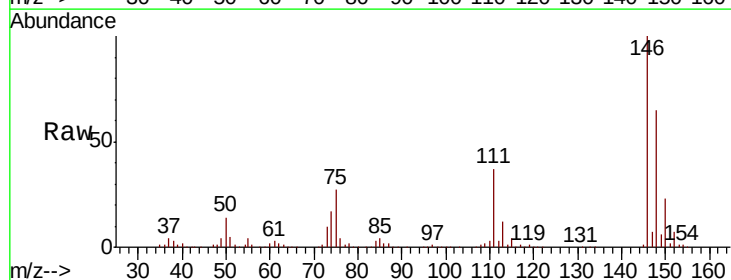
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0307WBSD01

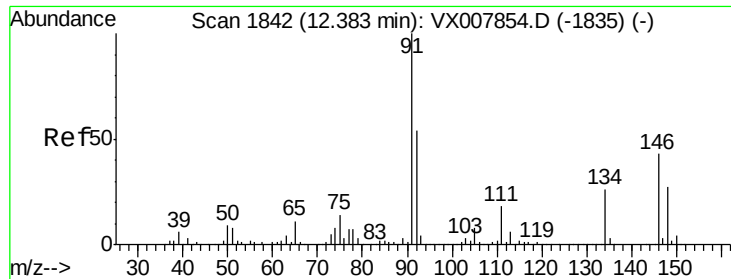
Tgt Ion:146 Resp: 104459
 Ion Ratio Lower Upper
 146 100
 111 38.2 18.9 56.7
 148 64.6 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 18.399 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX007882.D
 Acq: 07 Mar 2019 14:31

Tgt Ion:146 Resp: 105700
 Ion Ratio Lower Upper
 146 100
 111 38.3 18.4 55.0
 148 64.7 32.2 96.6

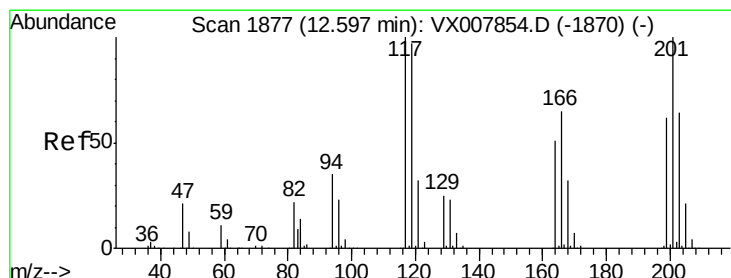
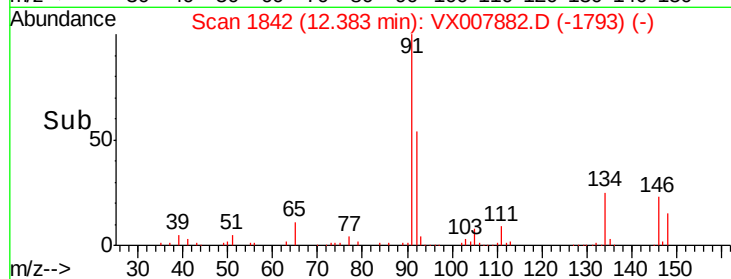
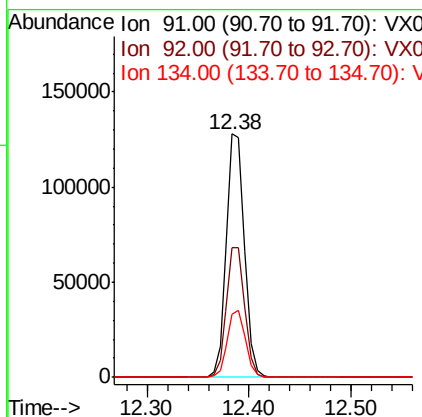
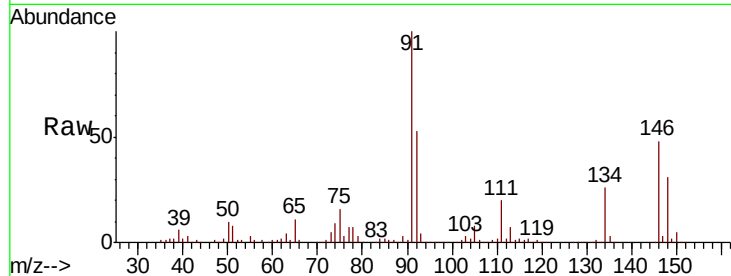




#89
n-Butylbenzene
Concen: 18.275 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX007882.D
Acq: 07 Mar 2019 14:31

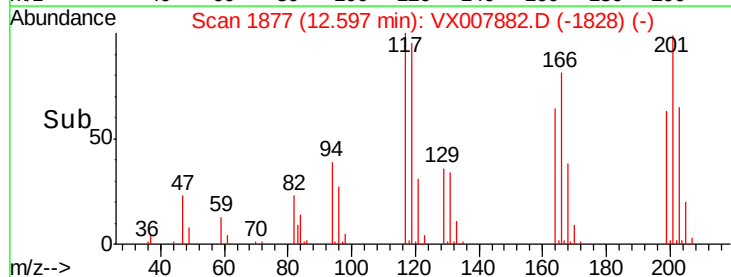
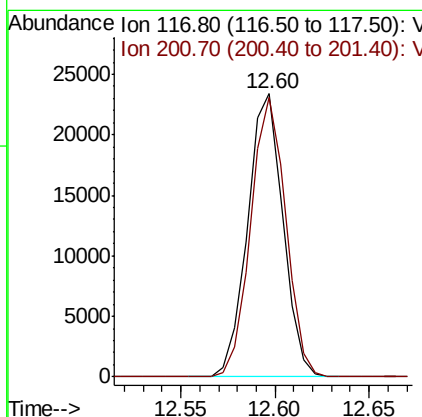
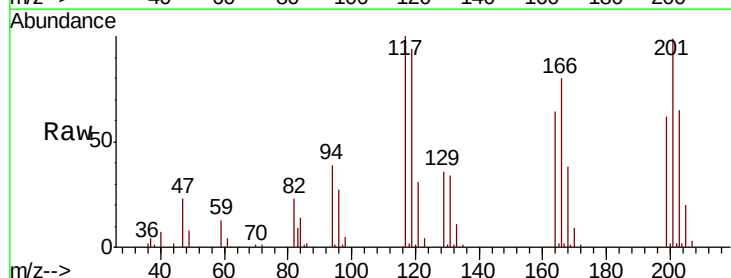
Instrument :
MSVOA_X
ClientSampleId :
VX0307WBSD01

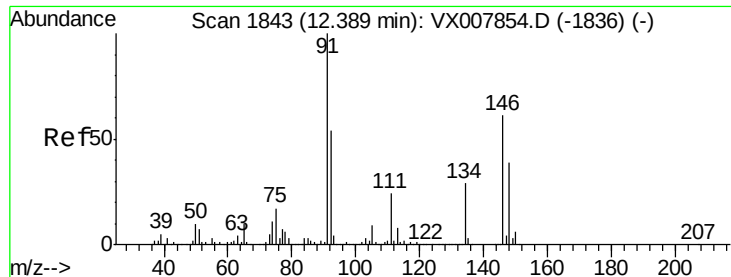
Tgt Ion: 91 Resp: 156583
Ion Ratio Lower Upper
91 100
92 53.7 27.0 80.8
134 27.3 13.7 41.0



#90
Hexachloroethane
Concen: 18.008 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007882.D
Acq: 07 Mar 2019 14:31

Tgt Ion: 117 Resp: 30451
Ion Ratio Lower Upper
117 100
201 97.9 48.9 146.7

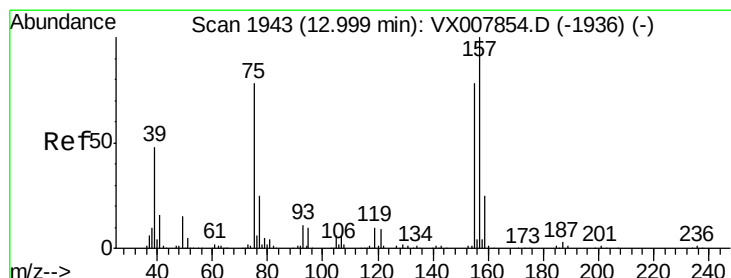
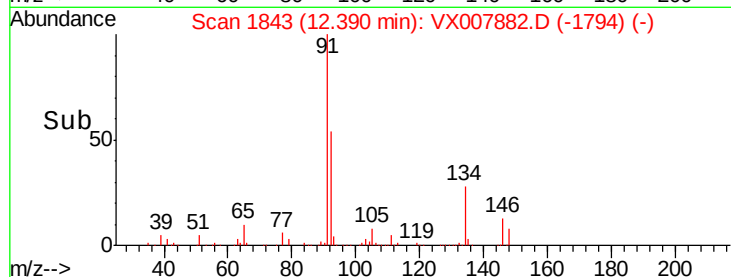
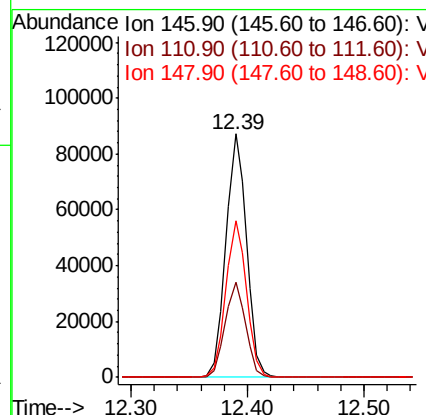
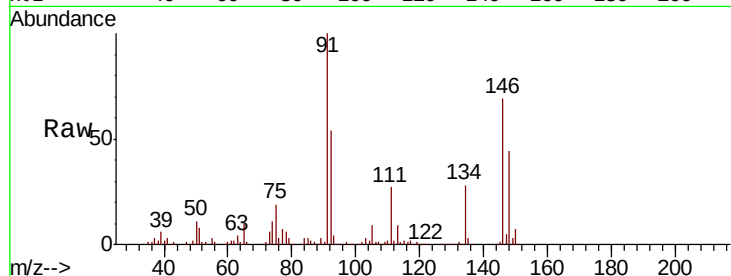




#91
 1,2-Dichlorobenzene
 Concen: 19.106 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX007882.D
 Acq: 07 Mar 2019 14:31

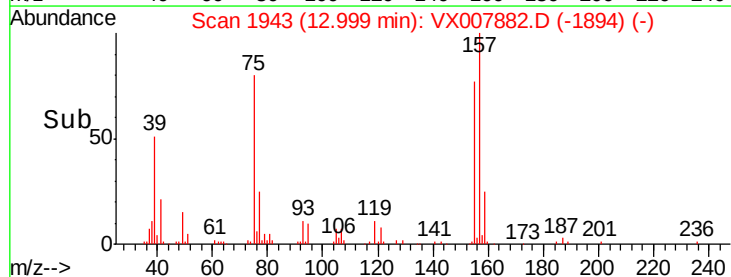
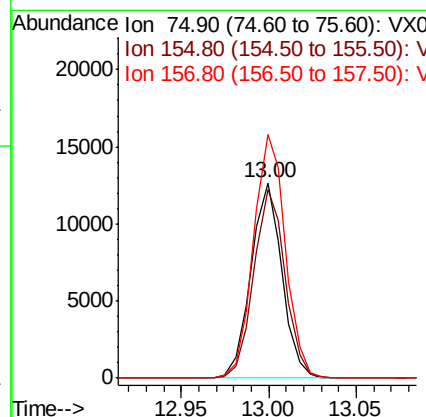
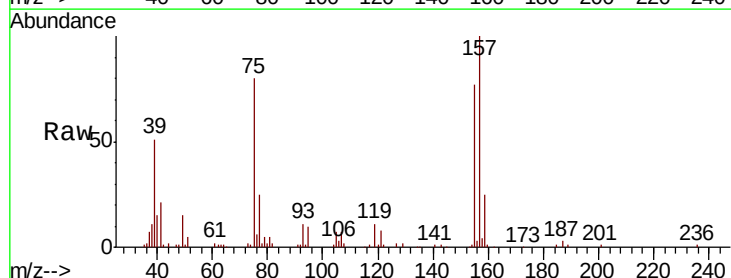
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0307WBSD01

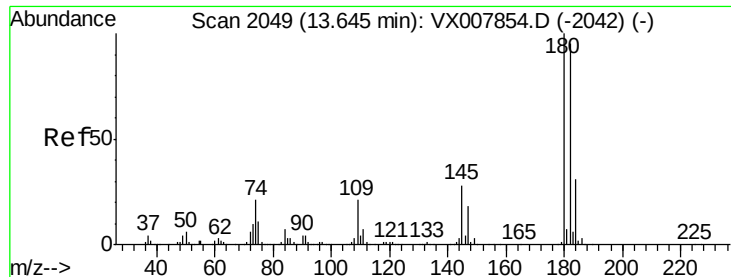
Tgt Ion: 146 Resp: 106472
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.6 58.8
 148 64.4 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.642 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX007882.D
 Acq: 07 Mar 2019 14:31

Tgt Ion: 75 Resp: 15543
 Ion Ratio Lower Upper
 75 100
 155 98.1 49.7 149.1
 157 128.4 63.8 191.4

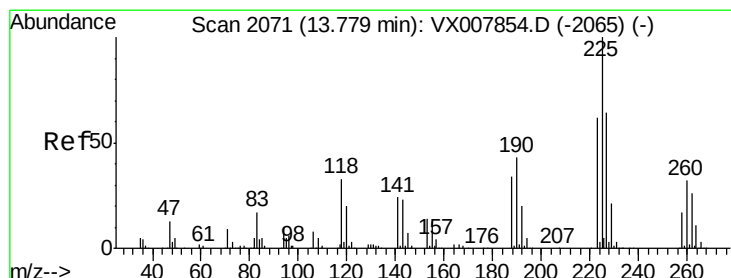
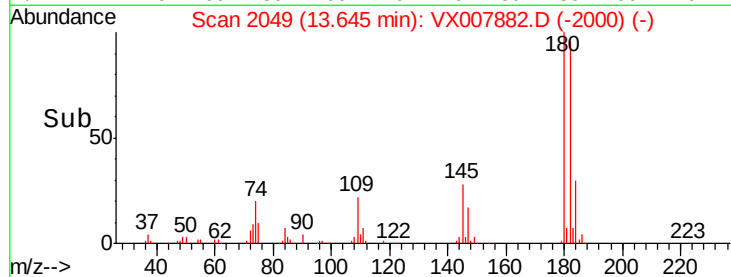
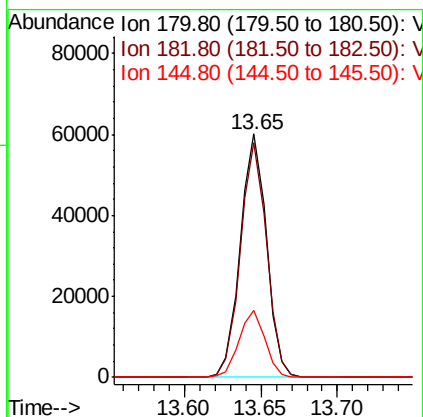
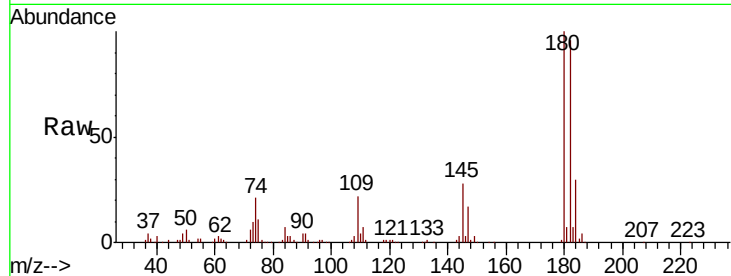




#93
 1,2,4-Trichlorobenzene
 Concen: 18.217 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007882.D
 Acq: 07 Mar 2019 14:31

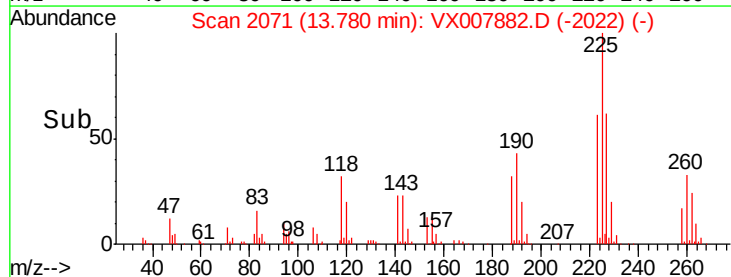
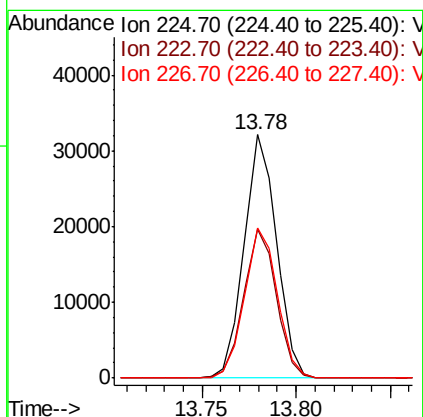
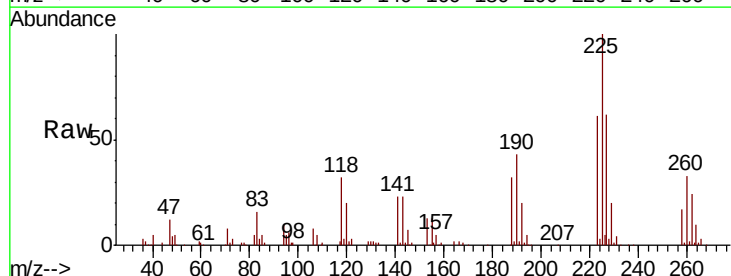
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0307WBSD01

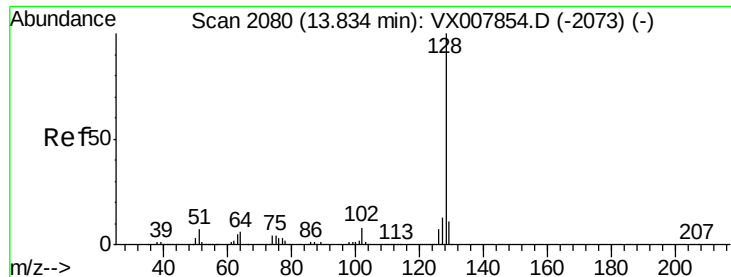
Tgt Ion:180 Resp: 71318
 Ion Ratio Lower Upper
 180 100
 182 96.3 47.9 143.7
 145 27.4 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 18.810 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007882.D
 Acq: 07 Mar 2019 14:31

Tgt Ion:225 Resp: 38499
 Ion Ratio Lower Upper
 225 100
 223 61.2 31.1 93.2
 227 62.1 32.0 96.0





#95

Naphthalene

Concen: 19.202 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX007882.D

Acq: 07 Mar 2019 14:31

Instrument :

MSVOA_X

ClientSampleId :

VX0307WBSD01

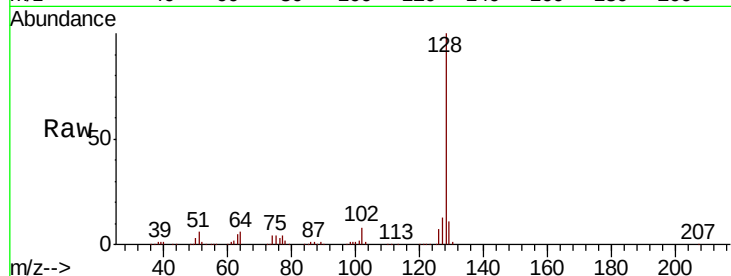
Tgt Ion:128 Resp: 216604

Ion Ratio Lower Upper

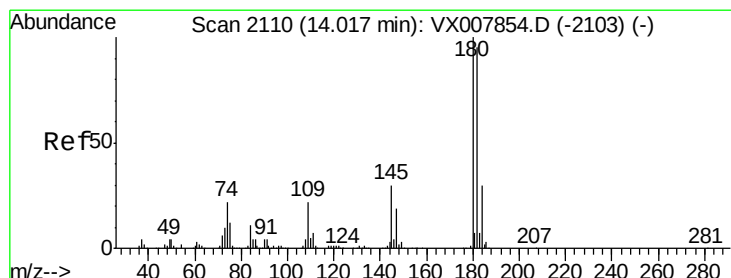
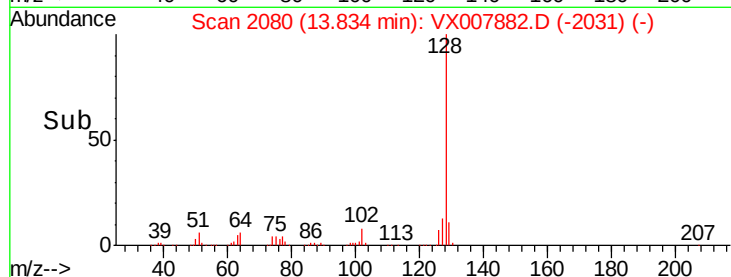
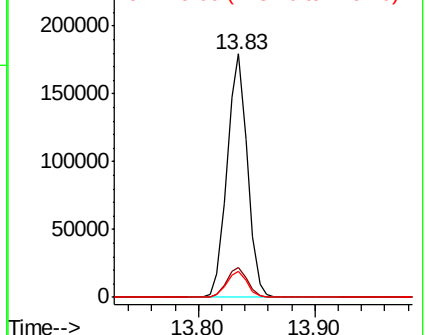
128 100

127 12.9 10.3 15.5

129 10.8 8.7 13.1



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: 18.908 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX007882.D

Acq: 07 Mar 2019 14:31

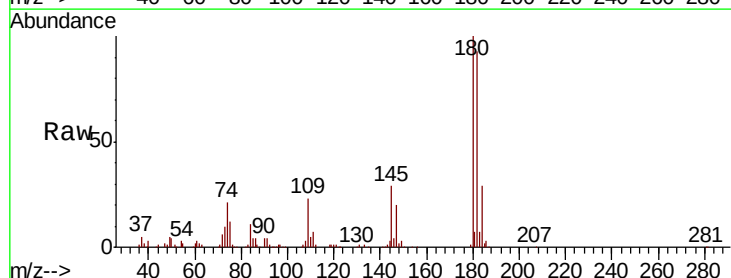
Tgt Ion:180 Resp: 73740

Ion Ratio Lower Upper

180 100

182 94.4 47.5 142.5

145 28.7 14.8 44.3



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

