

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX030719\
 Data File : VX007902.D
 Acq On : 08 Mar 2019 00:17
 Operator : JC/SP
 Sample : VX0307WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0307WBSD02

Quant Time: Mar 08 04:49:29 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	259524	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	385441	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	339740	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	165657	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	139673	51.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.04%	
35) Dibromofluoromethane	5.50	113	121917	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	
50) Toluene-d8	8.71	98	451730	49.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.78%	
62) 4-Bromofluorobenzene	11.13	95	157736	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	42966	19.378	ug/l	100
3) Chloromethane	1.33	50	59084	20.678	ug/l	99
4) Vinyl Chloride	1.41	62	58084	20.458	ug/l	99
5) Bromomethane	1.64	94	29420	21.437	ug/l	98
6) Chloroethane	1.73	64	37105	19.673	ug/l	98
7) Trichlorofluoromethane	1.93	101	73653	19.925	ug/l	98
8) Diethyl Ether	2.19	74	32972	20.599	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	43599	19.033	ug/l	100
10) Methyl Iodide	2.51	142	67754	20.849	ug/l	99
11) Tert butyl alcohol	3.07	59	67371	110.039	ug/l	100
12) 1,1-Dichloroethene	2.38	96	43939	19.899	ug/l	97
13) Acrolein	2.30	56	31216	91.082	ug/l	100
14) Allyl chloride	2.73	41	90761	19.561	ug/l	100
15) Acrylonitrile	3.15	53	161170	104.292	ug/l	100
16) Acetone	2.45	43	132650	83.711	ug/l	100
17) Carbon Disulfide	2.57	76	136372	20.069	ug/l	100
18) Methyl Acetate	2.78	43	81524	24.217	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	160261	21.097	ug/l	99
20) Methylene Chloride	2.86	84	52343	20.755	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	48063	19.782	ug/l	98
22) Diisopropyl ether	3.87	45	178691	21.009	ug/l	99
23) Vinyl Acetate	3.82	43	769116	103.120	ug/l	100
24) 1,1-Dichloroethane	3.70	63	94088	20.556	ug/l	99
25) 2-Butanone	4.70	43	220077	98.100	ug/l	99
26) 2,2-Dichloropropane	4.59	77	46954	15.484	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	55916	20.113	ug/l	99
28) Bromochloromethane	5.02	49	45062	21.117	ug/l	99
29) Tetrahydrofuran	5.15	42	145697	104.117	ug/l	100
30) Chloroform	5.21	83	90764	20.963	ug/l	100
31) Cyclohexane	5.57	56	82309	19.566	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	72751	20.252	ug/l	100
36) 1,1-Dichloropropene	5.80	75	67174	19.247	ug/l	98
37) Ethyl Acetate	4.85	43	83727	20.216	ug/l	100
38) Carbon Tetrachloride	5.78	117	63523	19.172	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	78196	18.490	ug/l	99
40) Benzene	6.14	78	209522	20.165	ug/l	99
41) Methacrylonitrile	5.06	41	45765	20.268	ug/l	97
42) 1,2-Dichloroethane	6.20	62	69412	20.428	ug/l	100
43) Isopropyl Acetate	6.46	43	124453	20.304	ug/l	100
44) Trichloroethene	7.21	130	55591	19.415	ug/l	100
45) 1,2-Dichloropropane	7.51	63	56325	20.525	ug/l	99
46) Dibromomethane	7.66	93	35384	20.374	ug/l	99
47) Bromodichloromethane	7.90	83	65431	19.872	ug/l	97
48) Methyl methacrylate	7.77	41	66287	20.569	ug/l	99
49) 1,4-Dioxane	7.75	88	26620	402.112	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	418434	106.150	ug/l	100
52) Toluene	8.79	92	127751	20.139	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	65410	19.033	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	76034	19.592	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	53613	20.878	ug/l	99
56) Ethyl methacrylate	9.18	69	82253	21.334	ug/l	99
57) 1,3-Dichloropropane	9.37	76	89540	20.767	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	218050	109.331	ug/l	100
59) 2-Hexanone	9.49	43	314502	102.764	ug/l	99
60) Dibromochloromethane	9.58	129	54795	20.415	ug/l	99
61) 1,2-Dibromoethane	9.67	107	56124	20.585	ug/l	100
64) Tetrachloroethene	9.34	164	51419	18.263	ug/l	97
65) Chlorobenzene	10.13	112	138835	19.529	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	50631	19.871	ug/l	99
67) Ethyl Benzene	10.25	91	233256	19.932	ug/l	100
68) m/p-Xylenes	10.36	106	179079	39.700	ug/l	99
69) o-Xylene	10.69	106	87153	20.013	ug/l	100
70) Styrene	10.71	104	143843	20.185	ug/l	100
71) Bromoform	10.85	173	42863	19.589	ug/l #	100
73) Isopropylbenzene	11.02	105	231907	20.699	ug/l	100
74) N-amyl acetate	10.90	43	107955	21.107	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	81693	21.139	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	87647	25.214	ug/l	92
77) Bromobenzene	11.26	156	62907	20.480	ug/l	100
78) n-propylbenzene	11.36	91	255881	20.587	ug/l	100
79) 2-Chlorotoluene	11.42	91	156189	20.553	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	190555	20.665	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	19536	17.964	ug/l	92
82) 4-Chlorotoluene	11.51	91	176952	20.318	ug/l	99
83) tert-Butylbenzene	11.77	119	192096	20.681	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	195175	20.647	ug/l	100
85) sec-Butylbenzene	11.94	105	224125	20.488	ug/l	99
86) p-Isopropyltoluene	12.06	119	201064	20.523	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	107404	19.765	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	107836	19.377	ug/l	99
89) n-Butylbenzene	12.38	91	162600	19.590	ug/l	98
90) Hexachloroethane	12.60	117	32723	19.977	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	107746	19.959	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	16095	19.928	ug/l	99

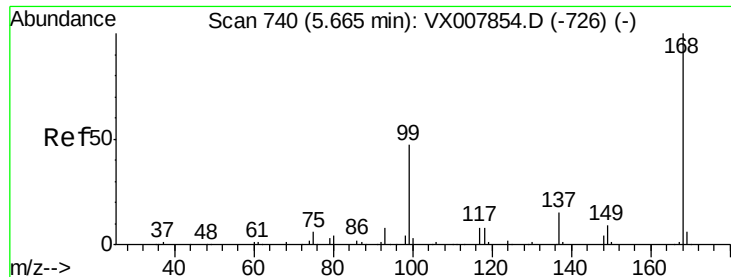
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX030719\
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Quant Title : SW846 8260
QLast Update : Thu Mar 07 07:33:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	73016	19.253	ug/l	99
94) Hexachlorobutadiene	13.78	225	39136	19.738	ug/l	100
95) Naphthalene	13.83	128	219753	20.111	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	74205	19.642	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: VX007902.D

Acq: 08 Mar 2019 00:17

Instrument :

MSVOA_X

ClientSampleId :

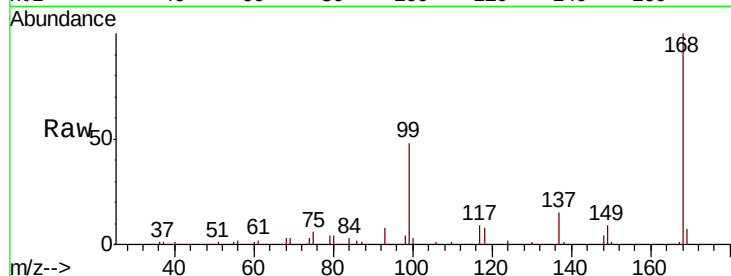
VX0307WBSD02

Tgt Ion:168 Resp: 259524

Ion Ratio Lower Upper

168 100

99 47.5 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

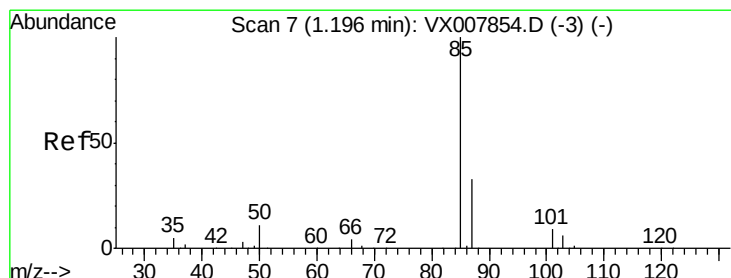
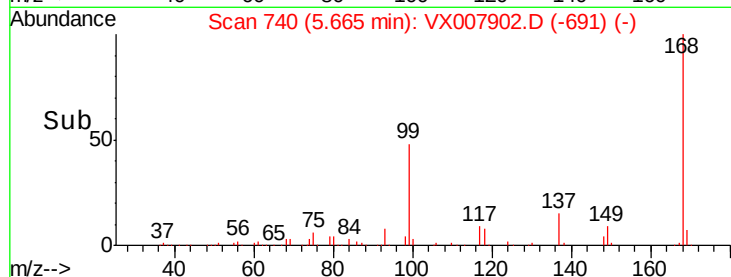
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.378 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX007902.D

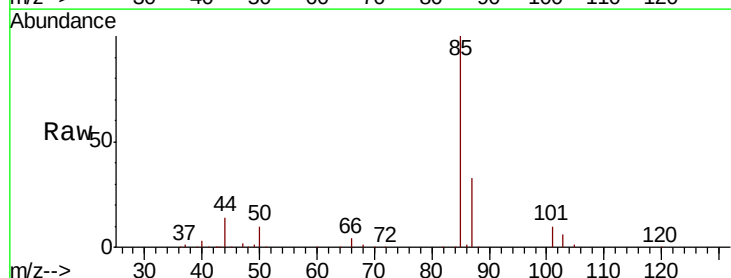
Acq: 08 Mar 2019 00:17

Tgt Ion: 85 Resp: 42966

Ion Ratio Lower Upper

85 100

87 32.9 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

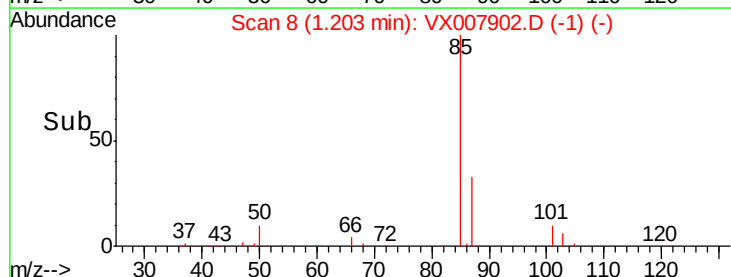
30000

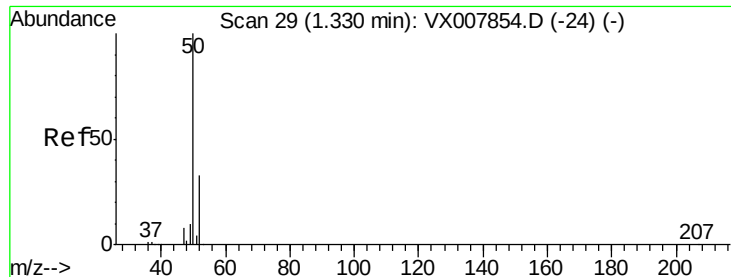
20000

10000

0

Time-->





#3

Chloromethane

Concen: 20.678 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007902.D

Acq: 08 Mar 2019 00:17

Instrument :

MSVOA_X

ClientSampleId :

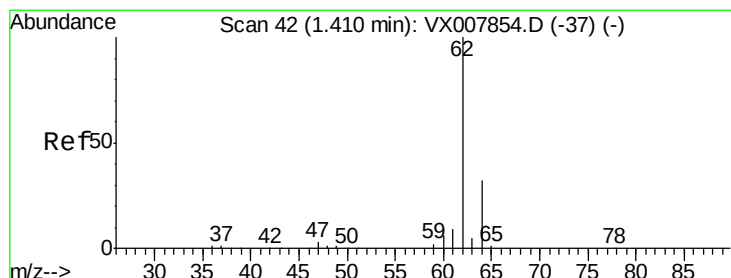
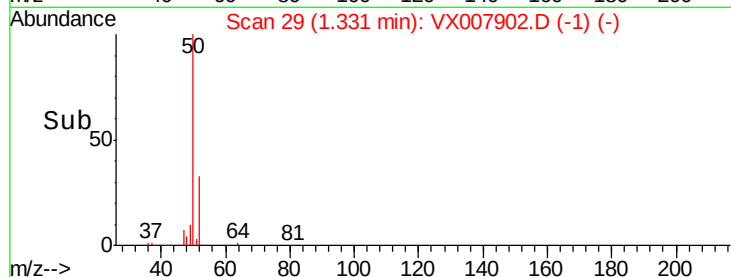
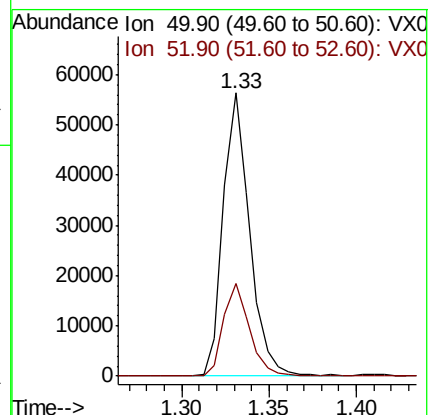
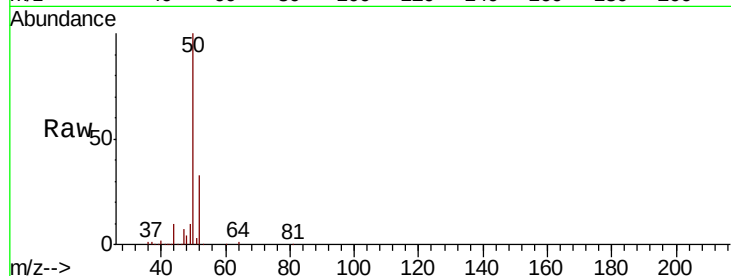
VX0307WBSD02

Tgt Ion: 50 Resp: 59084

Ion Ratio Lower Upper

50 100

52 32.6 26.5 39.7



#4

Vinyl Chloride

Concen: 20.458 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007902.D

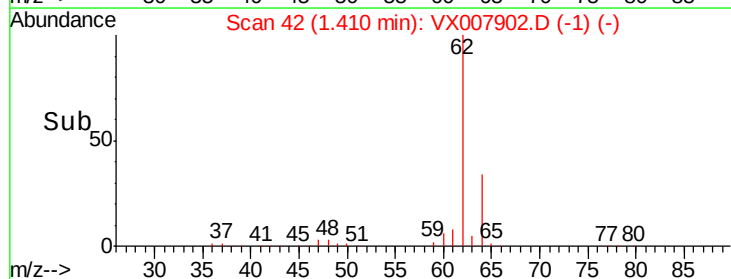
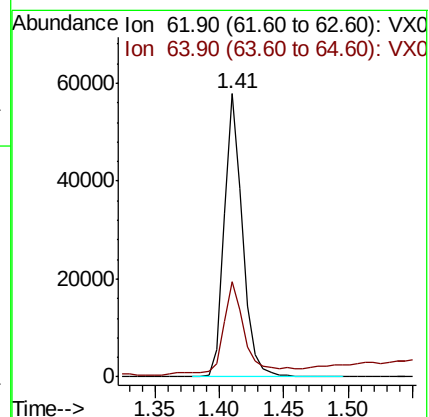
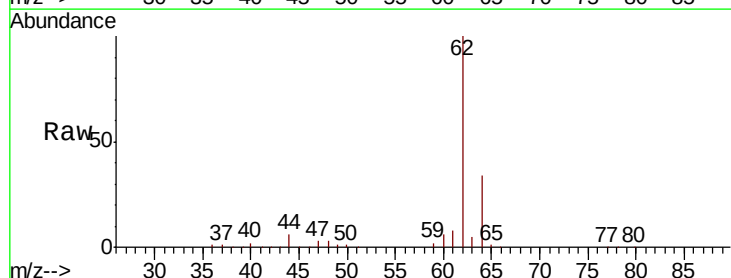
Acq: 08 Mar 2019 00:17

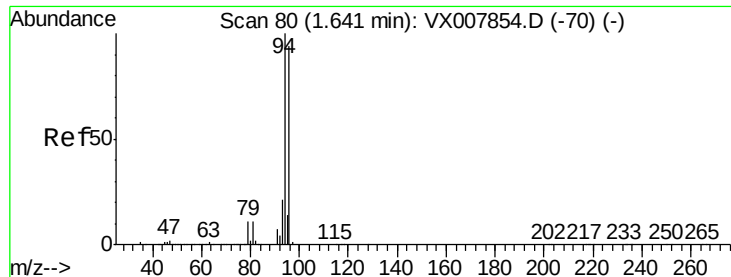
Tgt Ion: 62 Resp: 58084

Ion Ratio Lower Upper

62 100

64 32.3 25.3 37.9





#5

Bromomethane

Concen: 21.437 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007902.D

Acq: 08 Mar 2019 00:17

Instrument :

MSVOA_X

ClientSampleId :

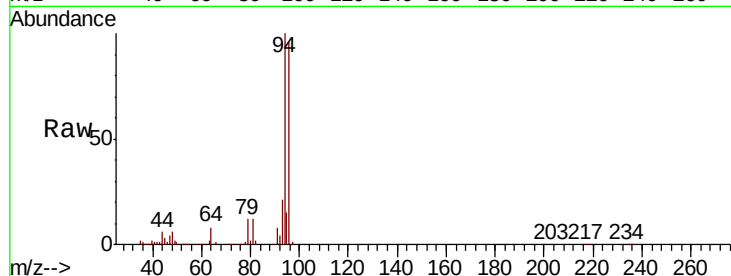
VX0307WBSD02

Tgt Ion: 94 Resp: 29420

Ion Ratio Lower Upper

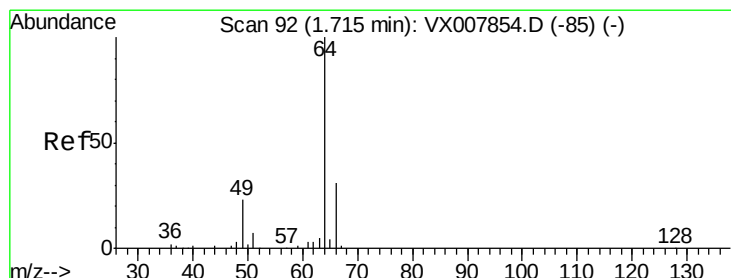
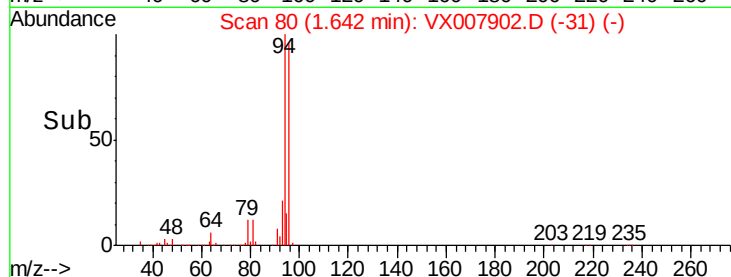
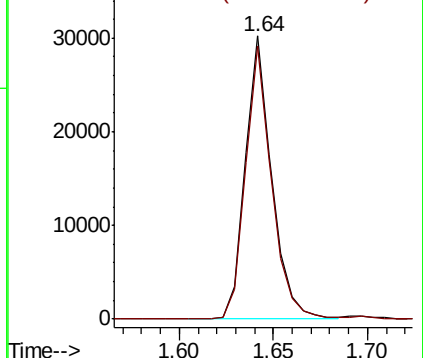
94 100

96 96.3 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: 19.673 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX007902.D

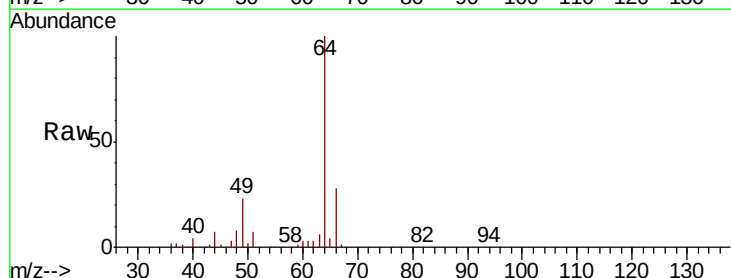
Acq: 08 Mar 2019 00:17

Tgt Ion: 64 Resp: 37105

Ion Ratio Lower Upper

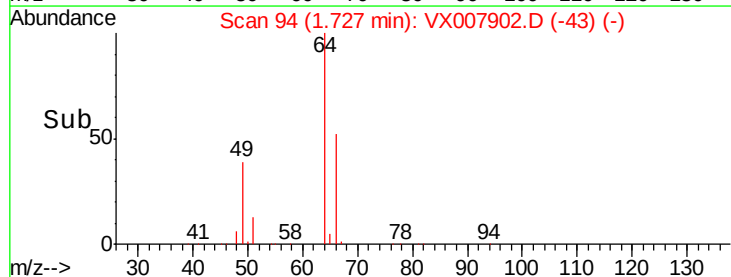
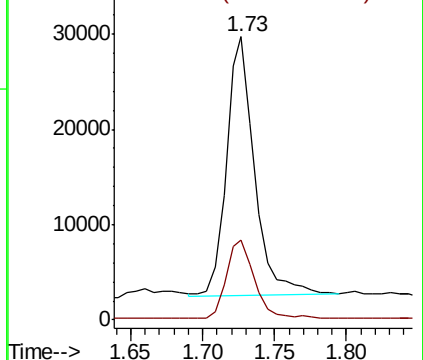
64 100

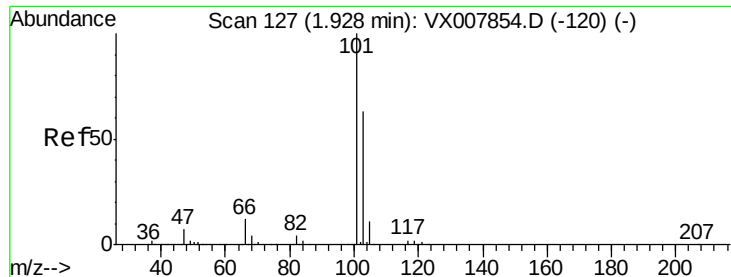
66 30.6 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



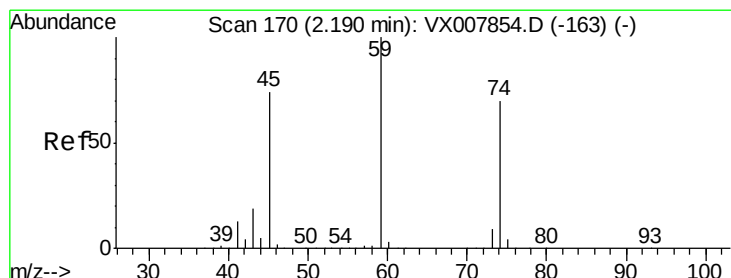
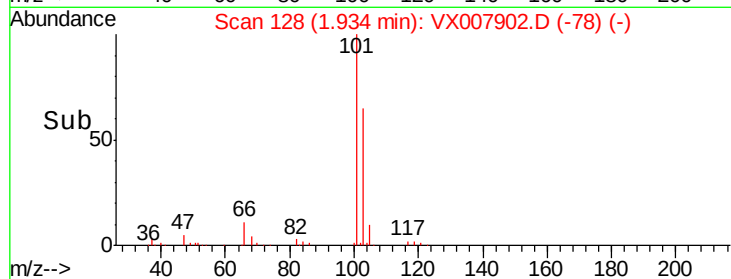
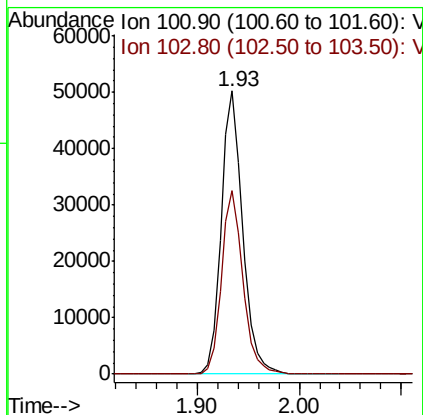
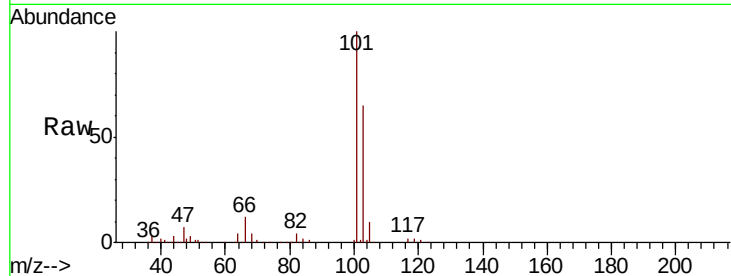


#7

Trichlorofluoromethane
Concen: 19.925 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX007902.D
Acq: 08 Mar 2019 00:17

Instrument :
MSVOA_X
ClientSampleId :
VX0307WBSD02

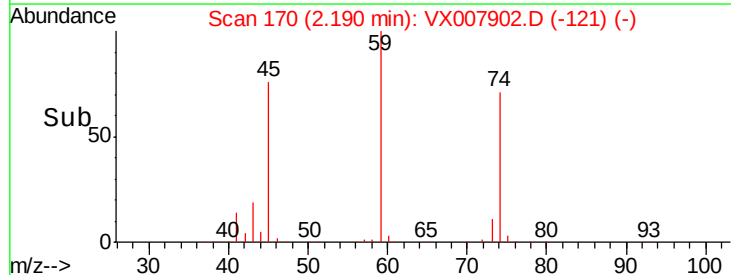
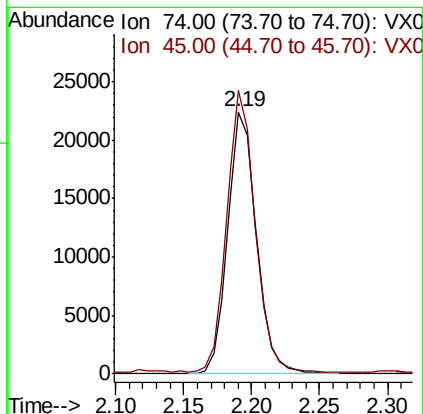
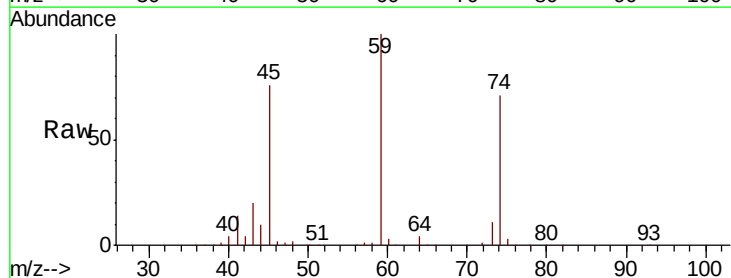
Tgt Ion:101 Resp: 73653
Ion Ratio Lower Upper
101 100
103 64.8 50.4 75.6

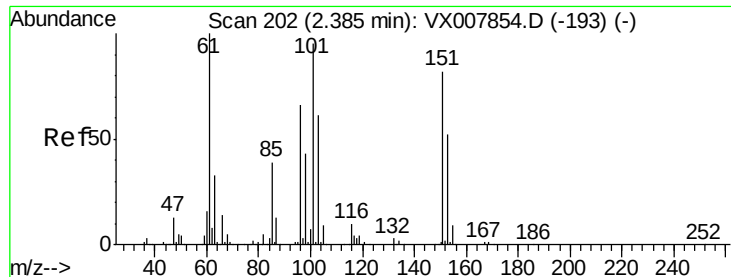


#8

Diethyl Ether
Concen: 20.599 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX007902.D
Acq: 08 Mar 2019 00:17

Tgt Ion: 74 Resp: 32972
Ion Ratio Lower Upper
74 100
45 106.1 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.033 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007902.D

Acq: 08 Mar 2019 00:17

Instrument :

MSVOA_X

ClientSampleId :

VX0307WBSD02

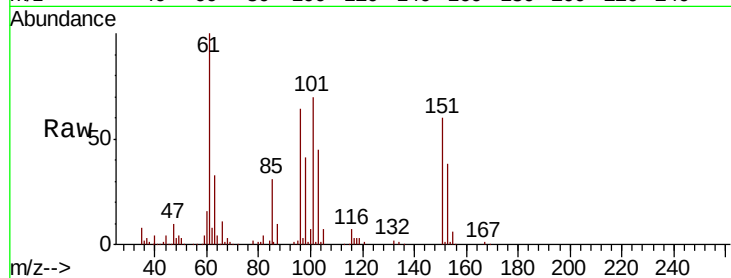
Tgt Ion:101 Resp: 43599

Ion Ratio Lower Upper

101 100

85 42.5 33.8 50.6

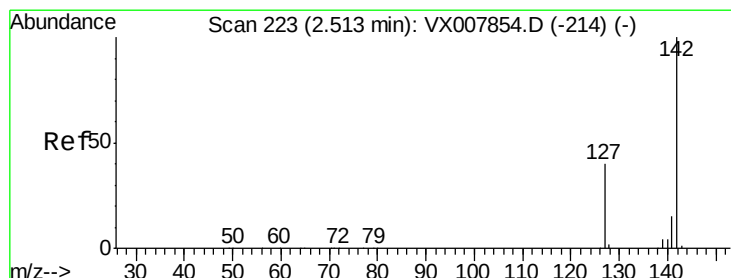
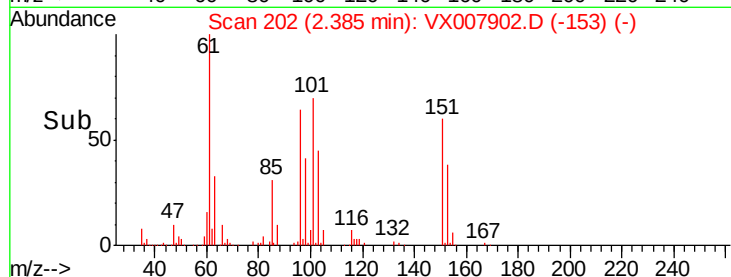
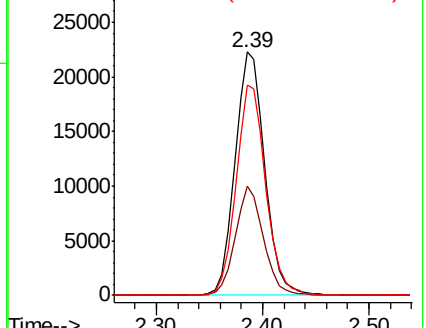
151 86.1 69.1 103.7



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: 20.849 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX007902.D

Acq: 08 Mar 2019 00:17

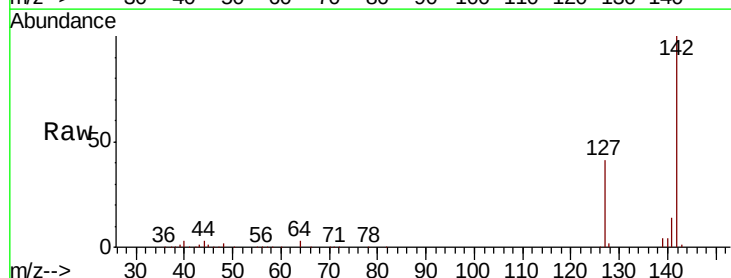
Tgt Ion:142 Resp: 67754

Ion Ratio Lower Upper

142 100

127 40.6 32.1 48.1

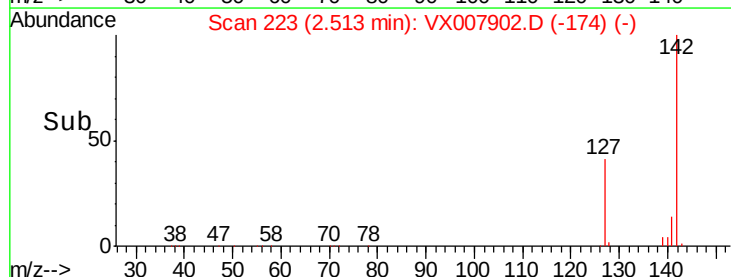
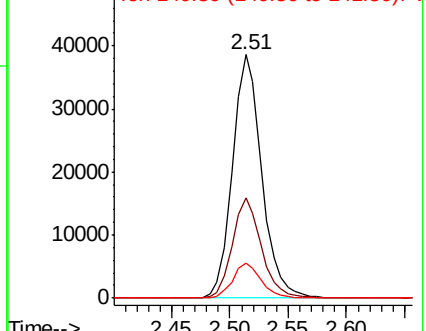
141 14.0 11.4 17.2

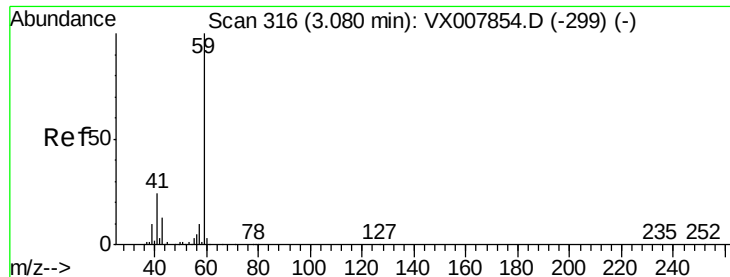


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

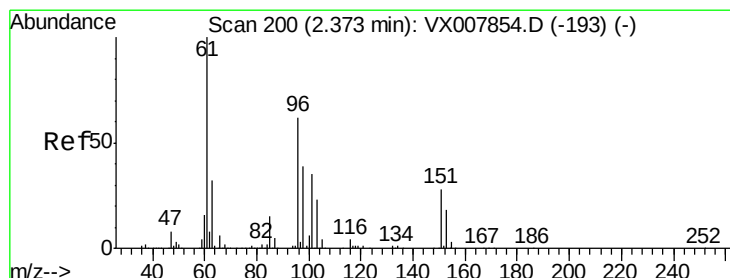
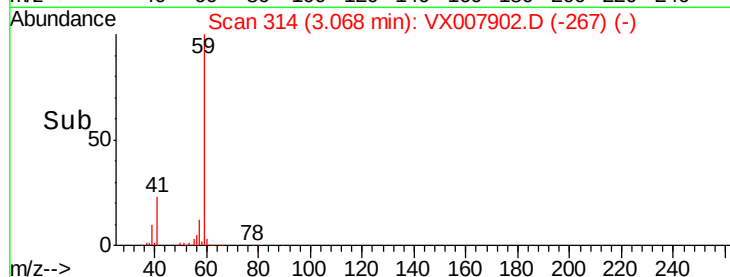
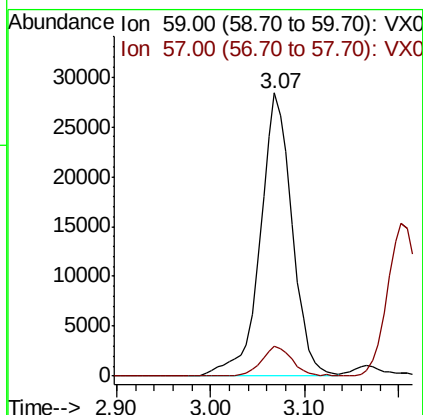
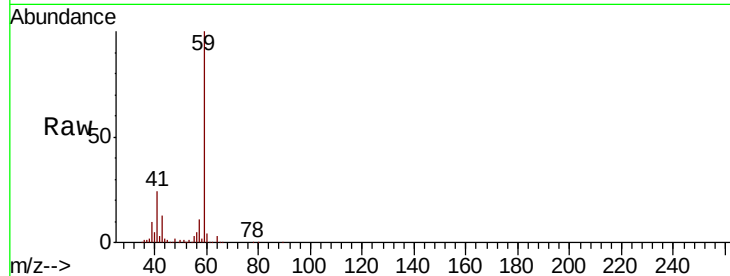




#11
Tert butyl alcohol
Concen: 110.039 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX007902.D
Acq: 08 Mar 2019 00:17

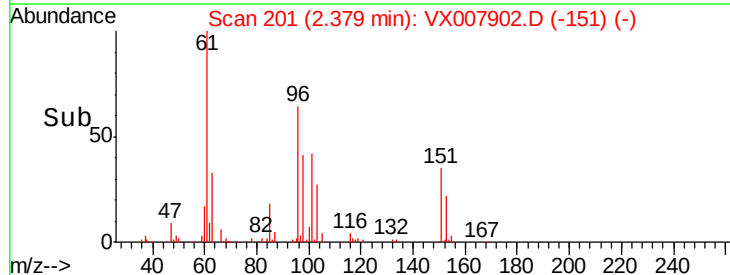
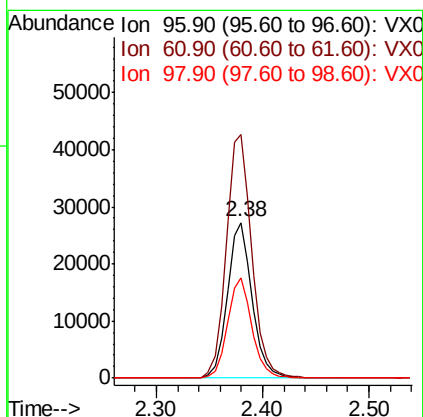
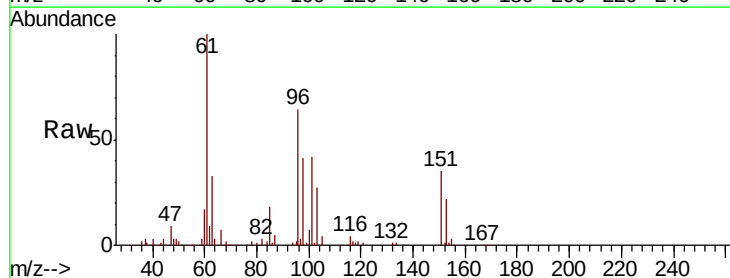
Instrument :
MSVOA_X
ClientSampleId :
VX0307WBSD02

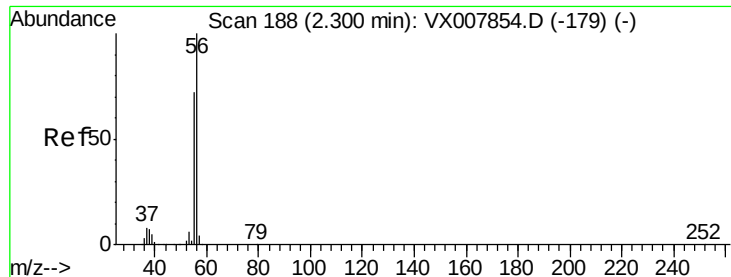
Tgt Ion: 59 Resp: 67371
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.2



#12
1,1-Dichloroethene
Concen: 19.899 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX007902.D
Acq: 08 Mar 2019 00:17

Tgt Ion: 96 Resp: 43939
Ion Ratio Lower Upper
96 100
61 156.8 129.8 194.6
98 64.3 51.0 76.6





#13

Acrolein

Concen: 91.082 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.00 min

Lab File: VX007902.D

Acq: 08 Mar 2019 00:17

Instrument :

MSVOA_X

ClientSampleId :

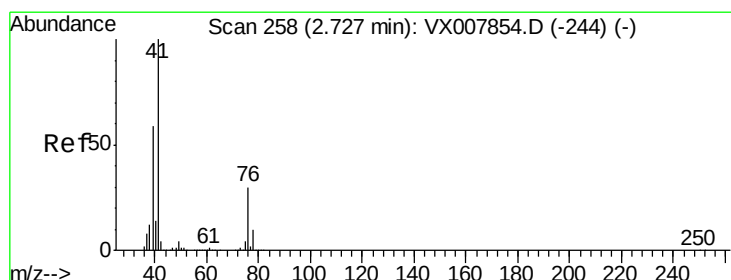
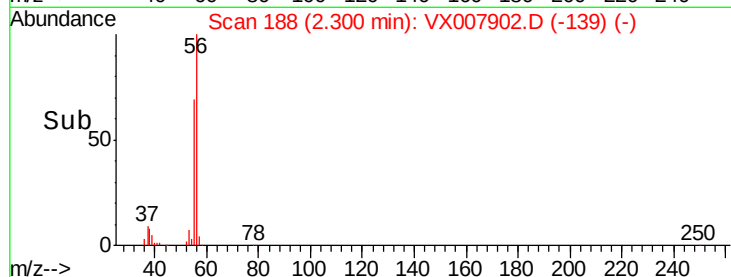
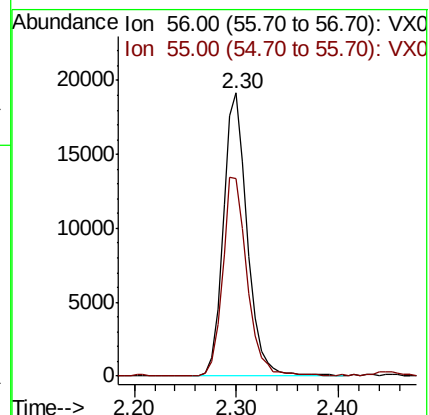
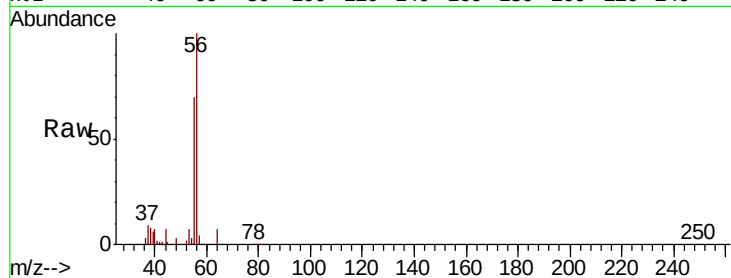
VX0307WBSD02

Tgt Ion: 56 Resp: 31216

Ion Ratio Lower Upper

56 100

55 72.5 57.8 86.6



#14

Allyl chloride

Concen: 19.561 ug/l

RT: 2.73 min Scan# 259

Delta R.T. 0.01 min

Lab File: VX007902.D

Acq: 08 Mar 2019 00:17

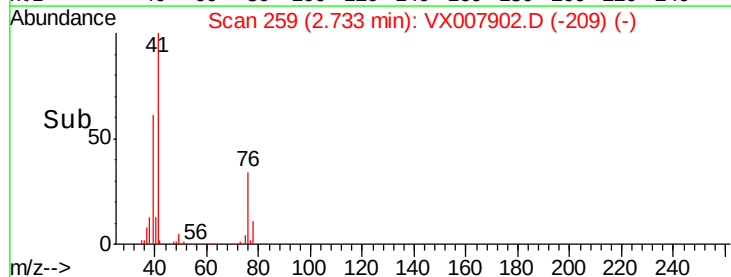
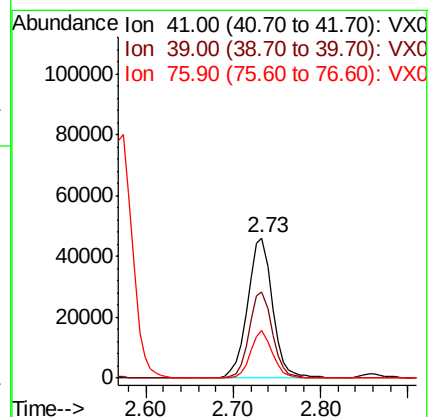
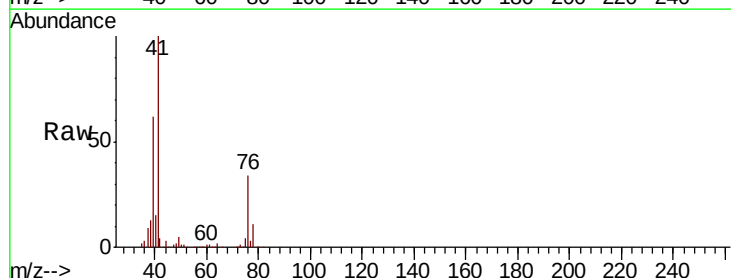
Tgt Ion: 41 Resp: 90761

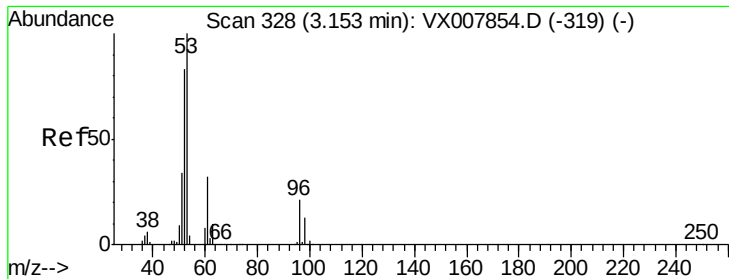
Ion Ratio Lower Upper

41 100

39 57.5 46.1 69.1

76 29.7 24.0 36.0





#15

Acrylonitrile

Concen: 104.292 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX007902.D

Acq: 08 Mar 2019 00:17

Instrument :

MSVOA_X

ClientSampleId :

VX0307WBSD02

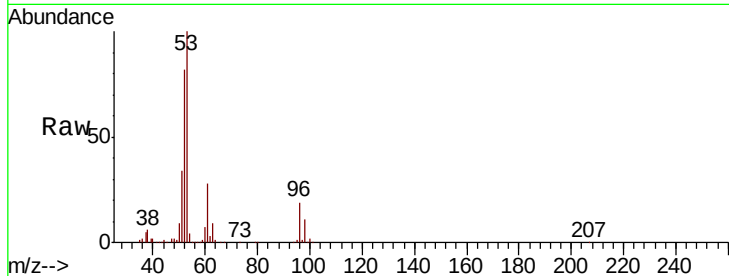
Tgt Ion: 53 Resp: 161170

Ion Ratio Lower Upper

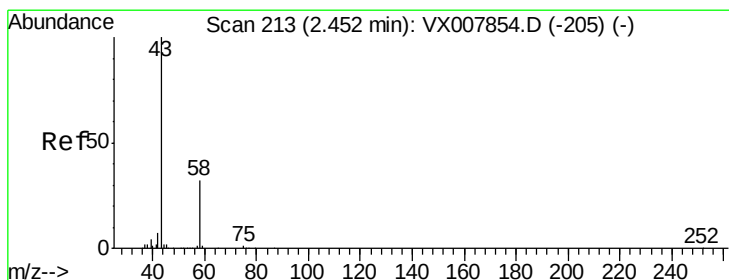
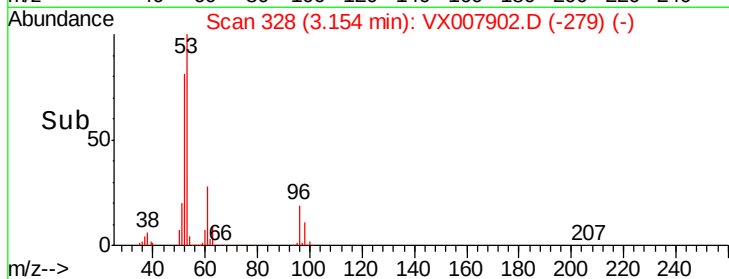
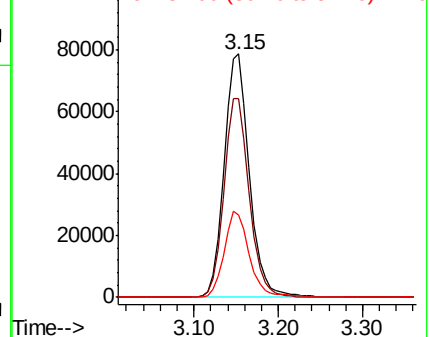
53 100

52 82.4 66.0 99.0

51 35.0 28.0 42.0



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 83.711 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX007902.D

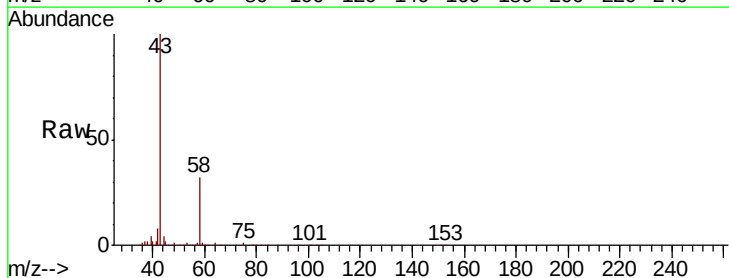
Acq: 08 Mar 2019 00:17

Tgt Ion: 43 Resp: 132650

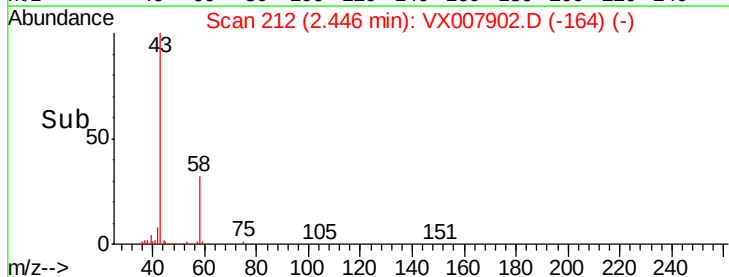
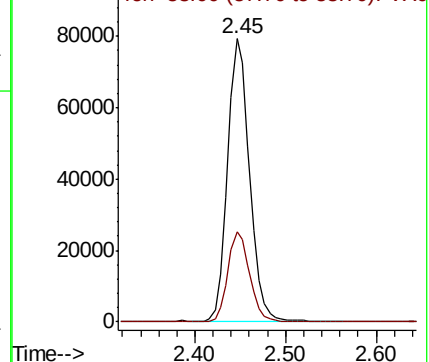
Ion Ratio Lower Upper

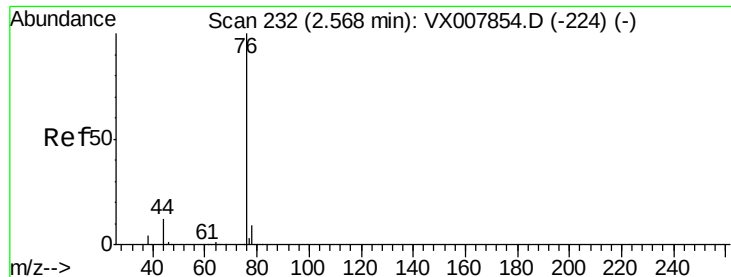
43 100

58 31.9 25.5 38.3



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





#17

Carbon Disulfide

Concen: 20.069 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX007902.D

Acq: 08 Mar 2019 00:17

Instrument :

MSVOA_X

ClientSampleId :

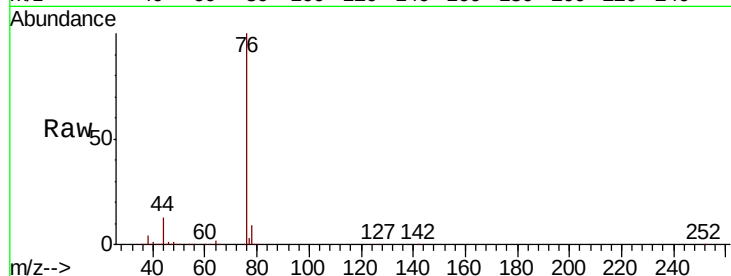
VX0307WBSD02

Tgt Ion: 76 Resp: 136372

Ion Ratio Lower Upper

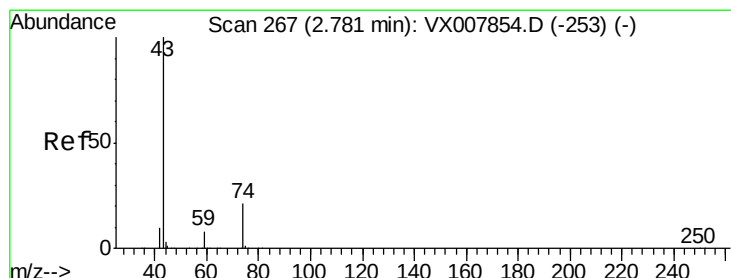
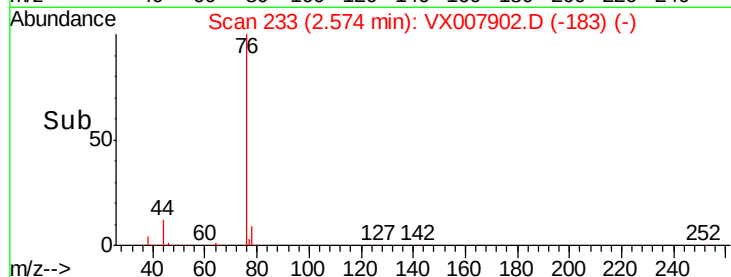
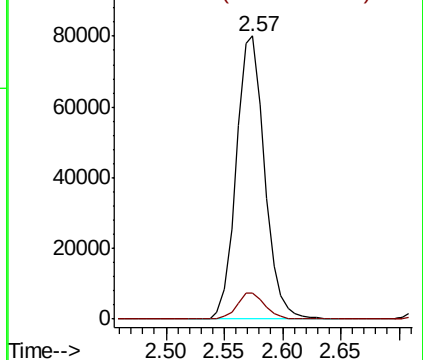
76 100

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: 24.217 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX007902.D

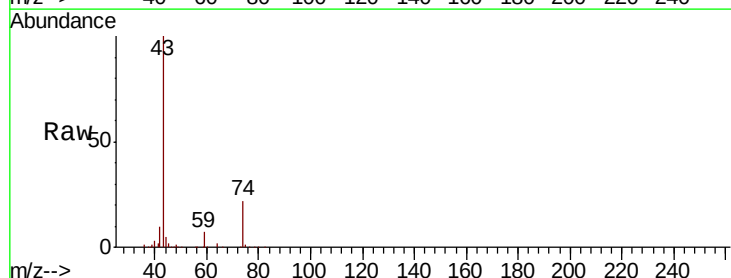
Acq: 08 Mar 2019 00:17

Tgt Ion: 43 Resp: 81524

Ion Ratio Lower Upper

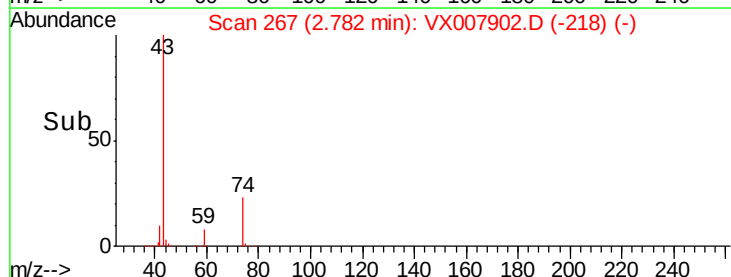
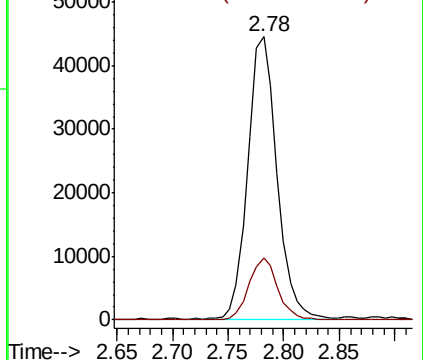
43 100

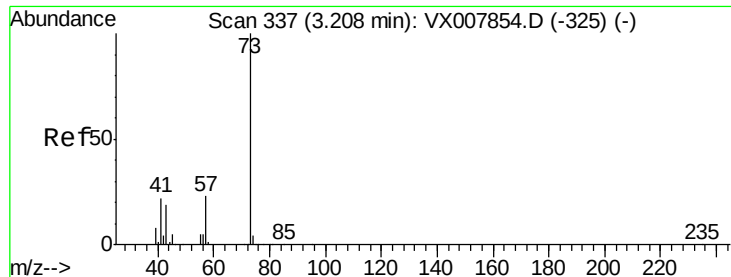
74 22.0 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

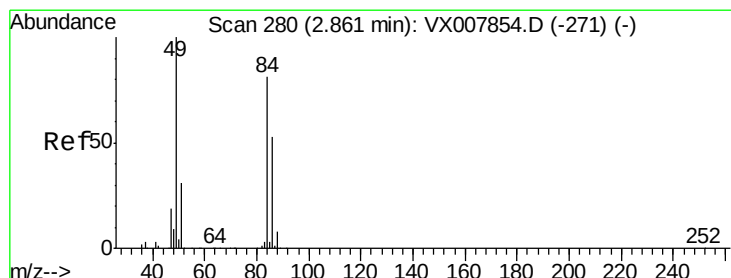
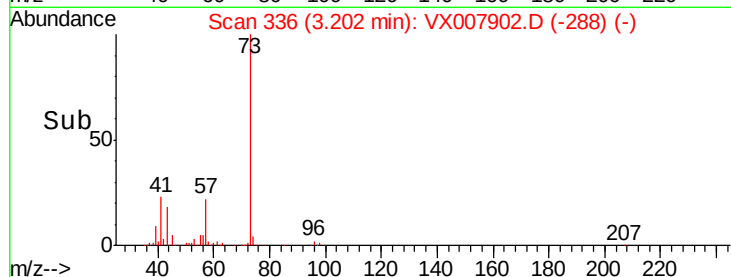
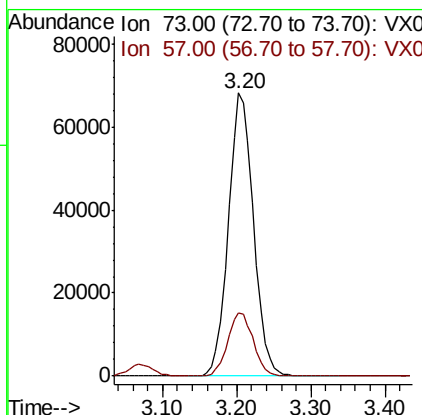
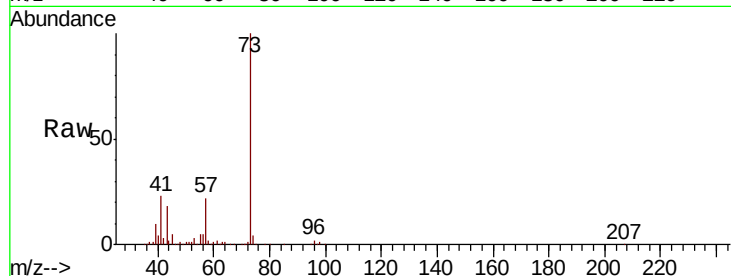




#19
Methyl tert-butyl Ether
Concen: 21.097 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.01 min
Lab File: VX007902.D
Acq: 08 Mar 2019 00:17

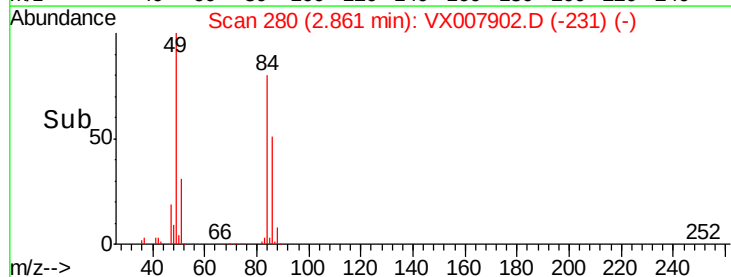
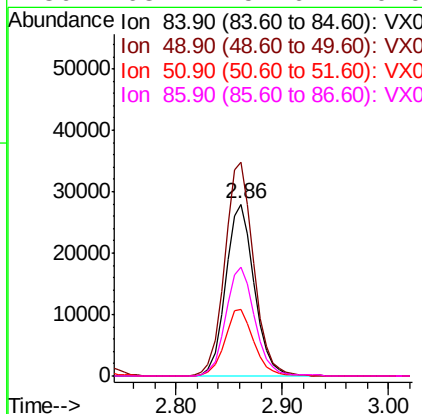
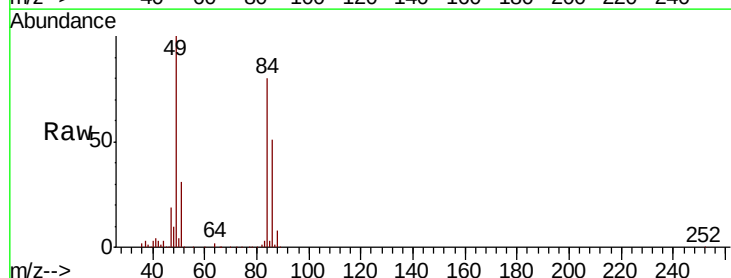
Instrument :
MSVOA_X
ClientSampleId :
VX0307WBSD02

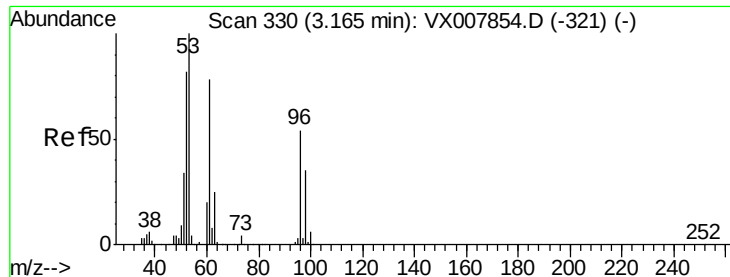
Tgt Ion: 73 Resp: 160261
Ion Ratio Lower Upper
73 100
57 22.4 18.2 27.4



#20
Methylene Chloride
Concen: 20.755 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007902.D
Acq: 08 Mar 2019 00:17

Tgt Ion: 84 Resp: 52343
Ion Ratio Lower Upper
84 100
49 124.4 99.3 148.9
51 38.4 31.3 46.9
86 63.4 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 19.782 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007902.D

Acq: 08 Mar 2019 00:17

Instrument :

MSVOA_X

ClientSampleId :

VX0307WBSD02

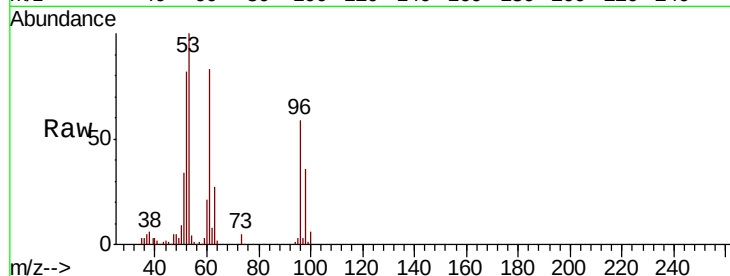
Tgt Ion: 96 Resp: 48063

Ion Ratio Lower Upper

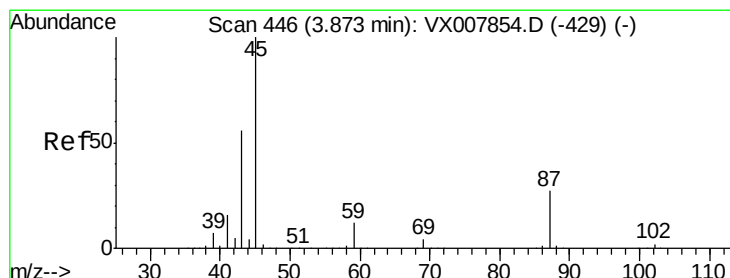
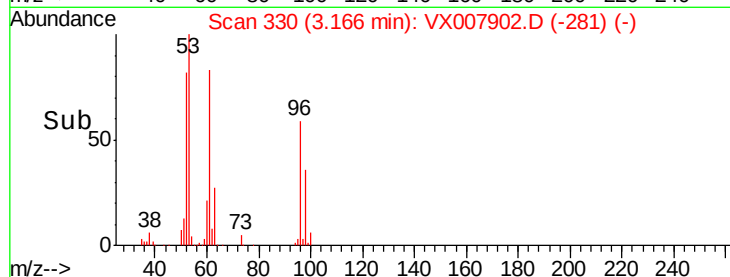
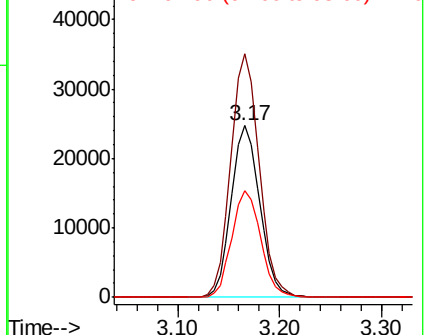
96 100

61 141.7 114.4 171.6

98 62.0 51.1 76.7



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



#22

Diisopropyl ether

Concen: 21.009 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX007902.D

Acq: 08 Mar 2019 00:17

Tgt Ion: 45 Resp: 178691

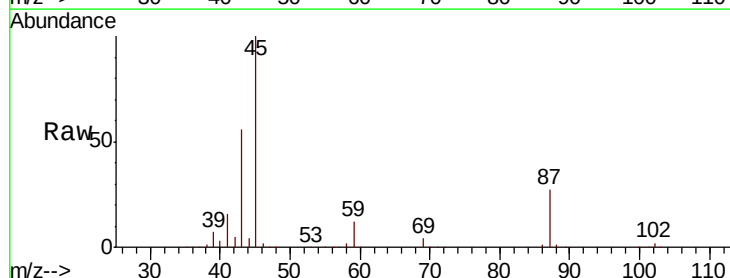
Ion Ratio Lower Upper

45 100

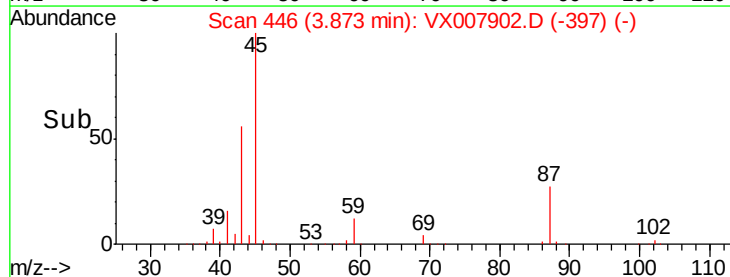
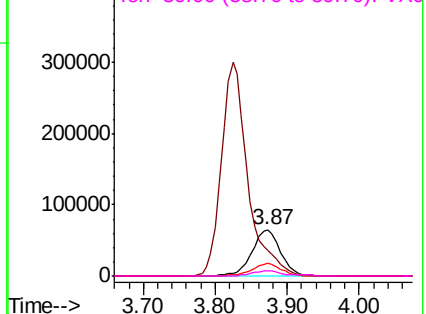
43 56.3 45.3 67.9

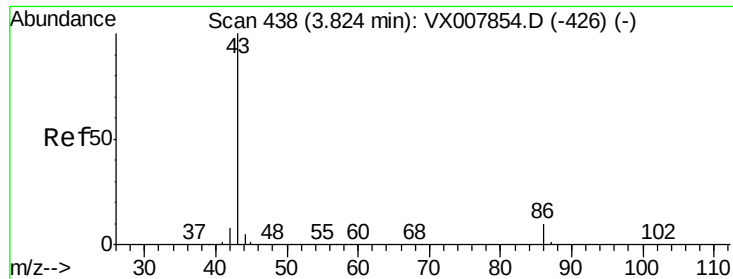
87 27.2 21.4 32.0

59 11.8 9.5 14.3



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 103.120 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX007902.D

Acq: 08 Mar 2019 00:17

Instrument :

MSVOA_X

ClientSampleId :

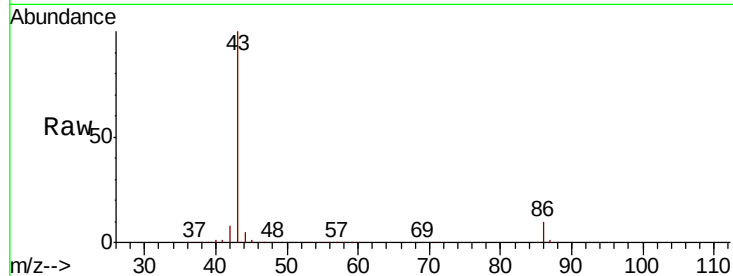
VX0307WBSD02

Tgt Ion: 43 Resp: 769116

Ion Ratio Lower Upper

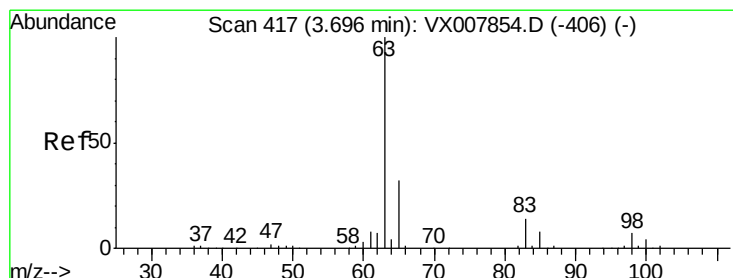
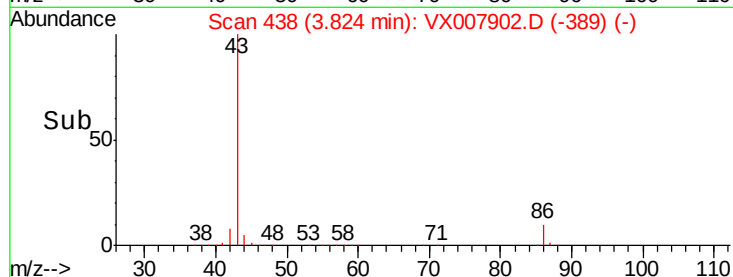
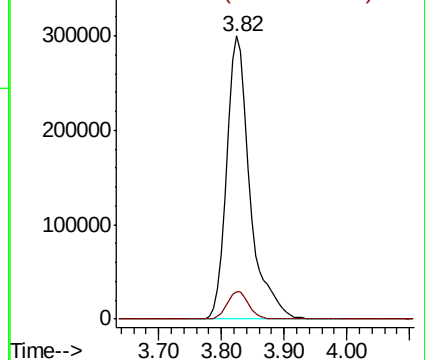
43 100

86 9.9 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: 20.556 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007902.D

Acq: 08 Mar 2019 00:17

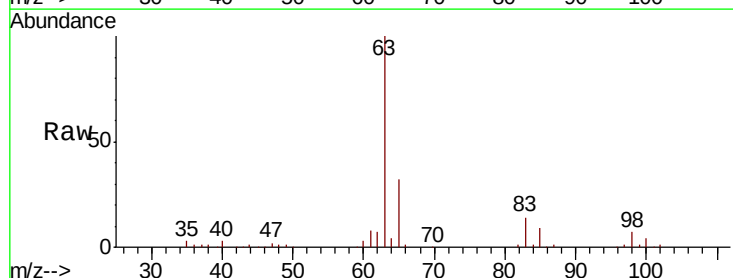
Tgt Ion: 63 Resp: 94088

Ion Ratio Lower Upper

63 100

98 6.6 3.3 9.8

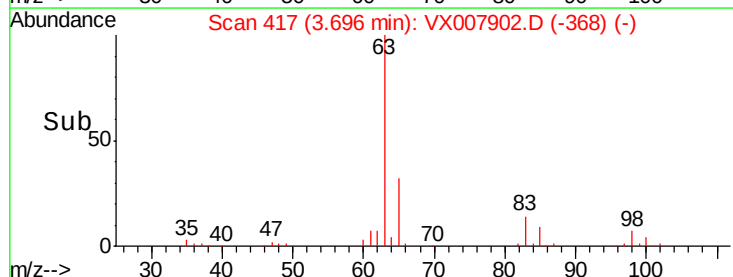
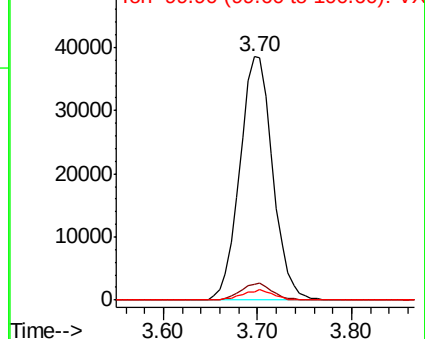
100 3.6 2.3 6.8

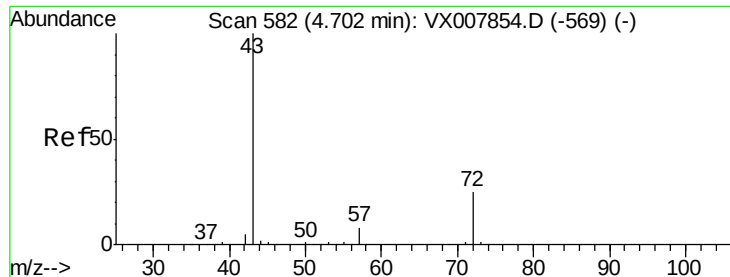


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 98.100 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX007902.D

Acq: 08 Mar 2019 00:17

Instrument :

MSVOA_X

ClientSampleId :

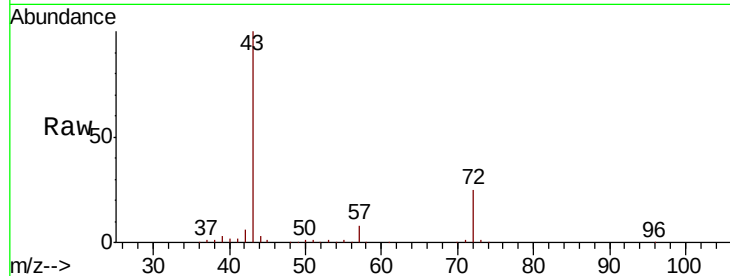
VX0307WBSD02

Tgt Ion: 43 Resp: 220077

Ion Ratio Lower Upper

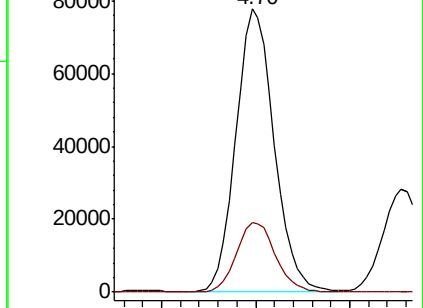
43 100

72 24.6 19.9 29.9

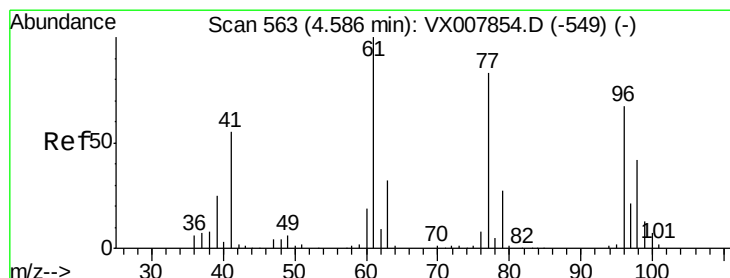
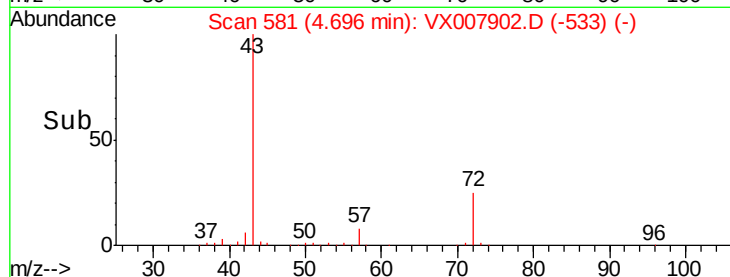


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



Time-->



#26

2,2-Dichloropropane

Concen: 15.484 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX007902.D

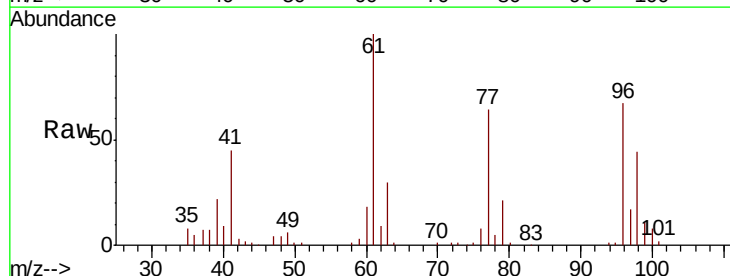
Acq: 08 Mar 2019 00:17

Tgt Ion: 77 Resp: 46954

Ion Ratio Lower Upper

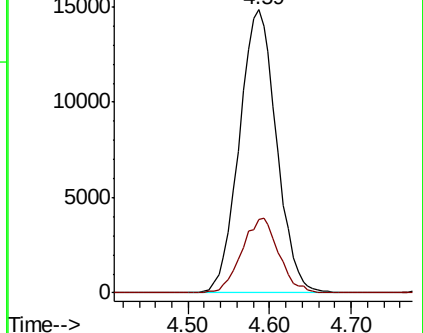
77 100

97 26.1 12.2 36.6

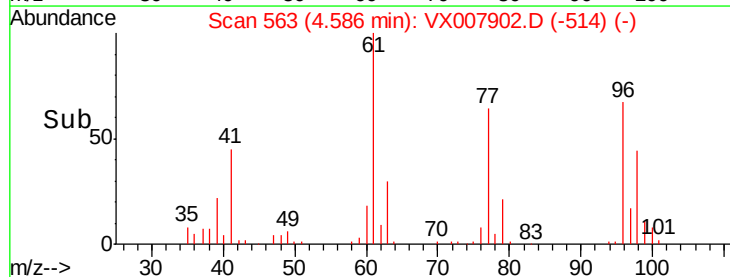


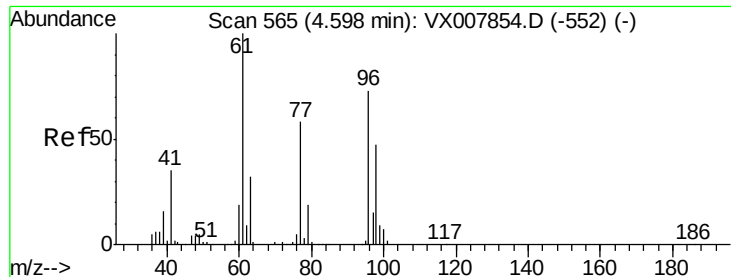
Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



Time-->



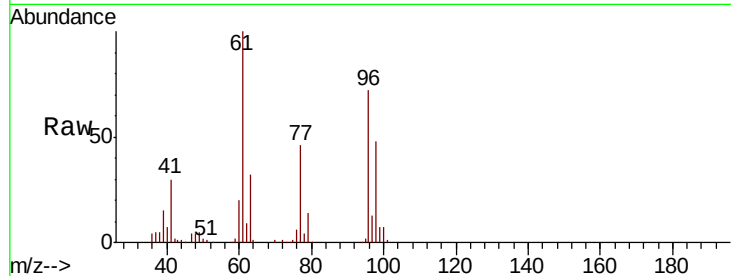


#27

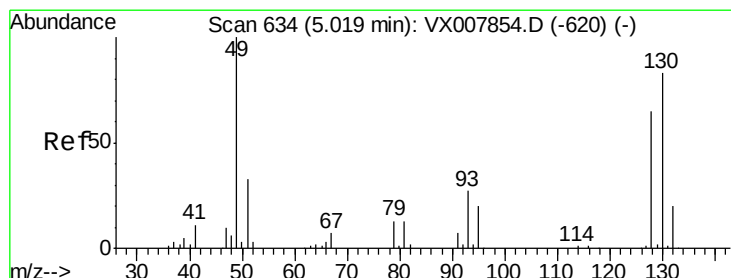
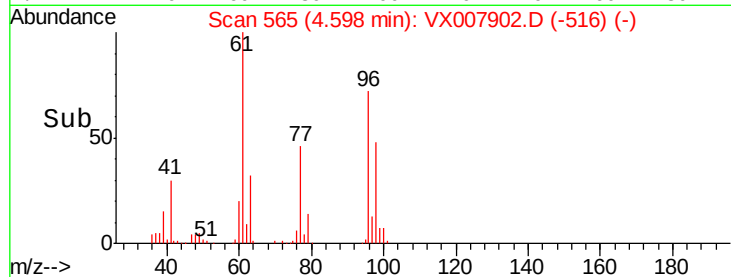
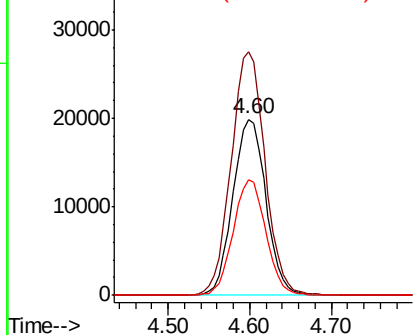
cis-1,2-Dichloroethene
Concen: 20.113 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX007902.D
Acq: 08 Mar 2019 00:17

Instrument :
MSVOA_X
ClientSampleId :
VX0307WBSD02

Tgt Ion: 96 Resp: 55916
Ion Ratio Lower Upper
96 100
61 141.8 0.0 288.0
98 64.8 0.0 129.0



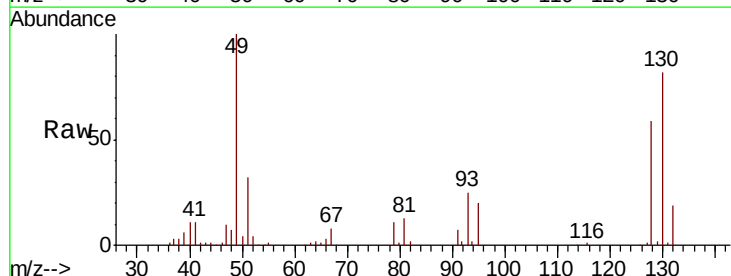
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



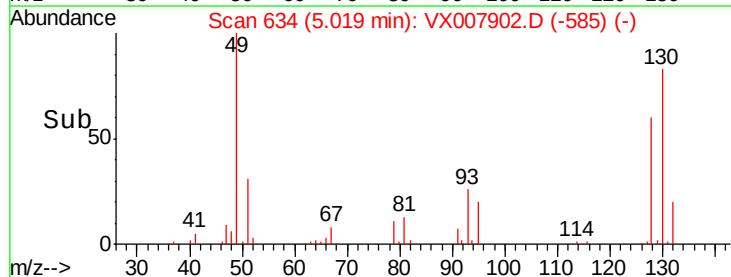
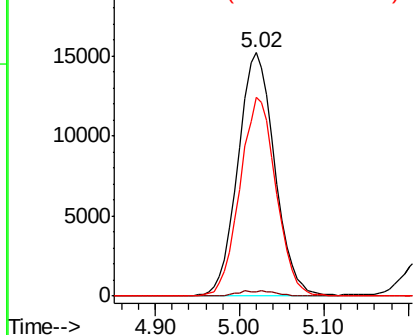
#28

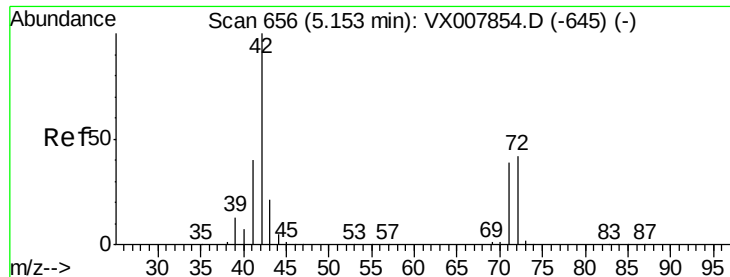
Bromochloromethane
Concen: 21.117 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX007902.D
Acq: 08 Mar 2019 00:17

Tgt Ion: 49 Resp: 45062
Ion Ratio Lower Upper
49 100
129 1.1 0.0 4.0
130 80.2 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: 104.117 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX007902.D

Acq: 08 Mar 2019 00:17

Instrument :

MSVOA_X

ClientSampleId :

VX0307WBSD02

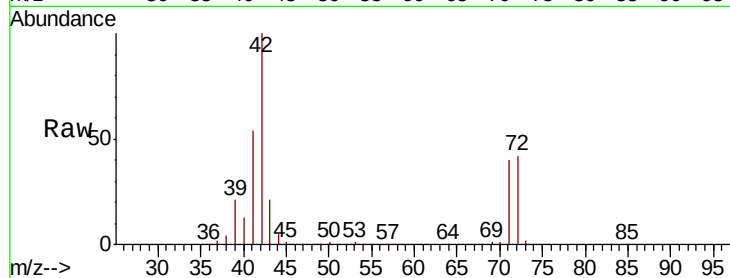
Tgt Ion: 42 Resp: 145697

Ion Ratio Lower Upper

42 100

72 42.3 33.8 50.6

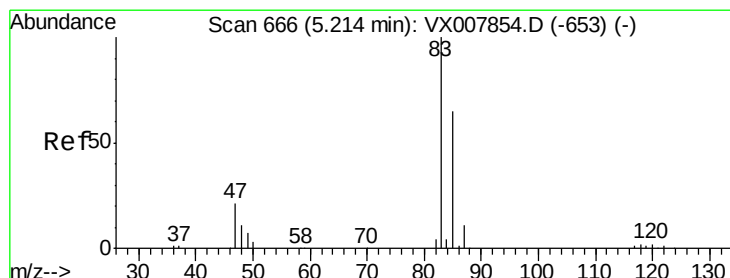
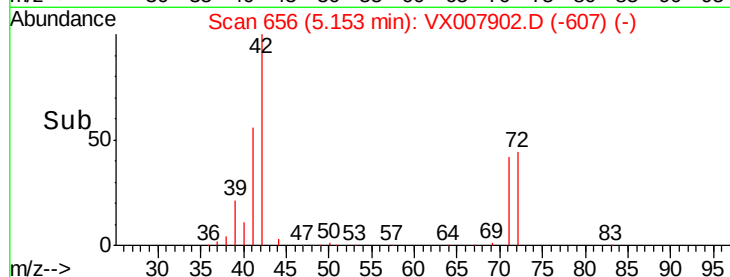
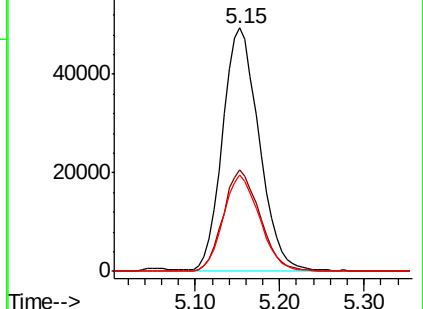
71 39.7 31.5 47.3



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 20.963 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX007902.D

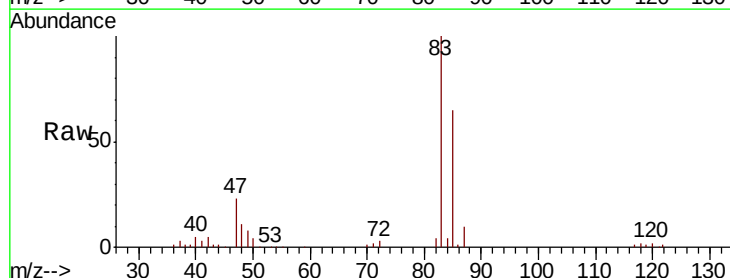
Acq: 08 Mar 2019 00:17

Tgt Ion: 83 Resp: 90764

Ion Ratio Lower Upper

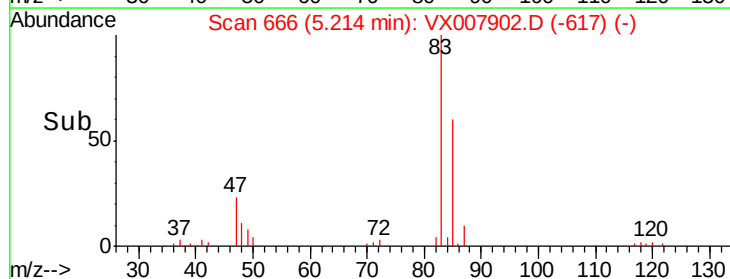
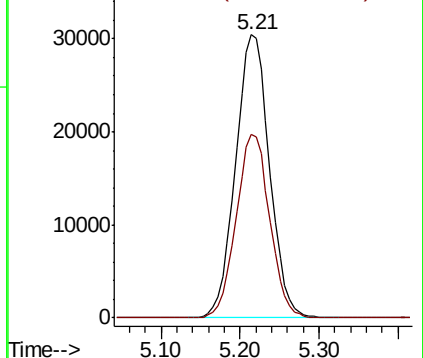
83 100

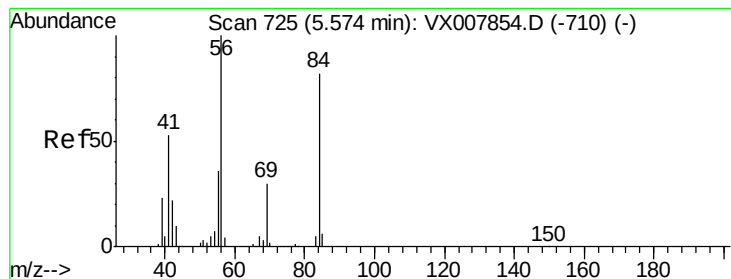
85 64.7 51.8 77.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 19.566 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX007902.D

Acq: 08 Mar 2019 00:17

Instrument :

MSVOA_X

ClientSampleId :

VX0307WBSD02

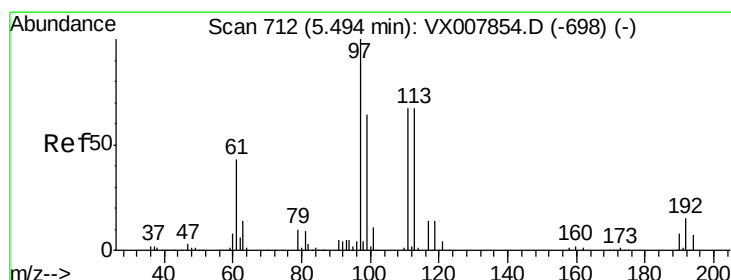
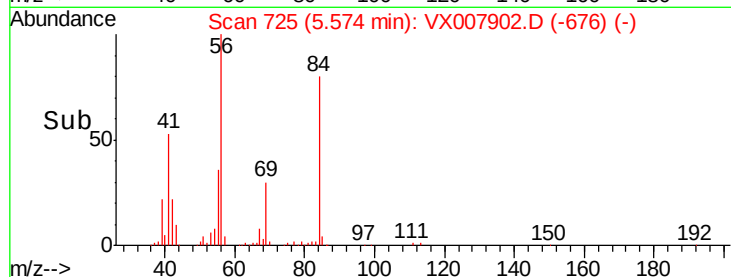
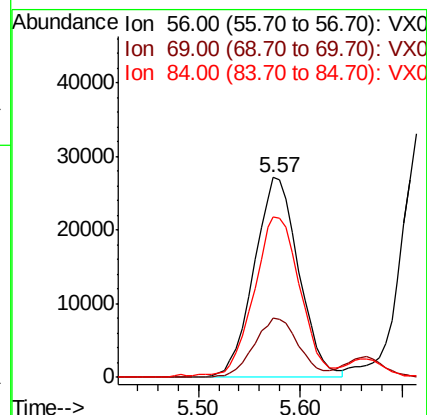
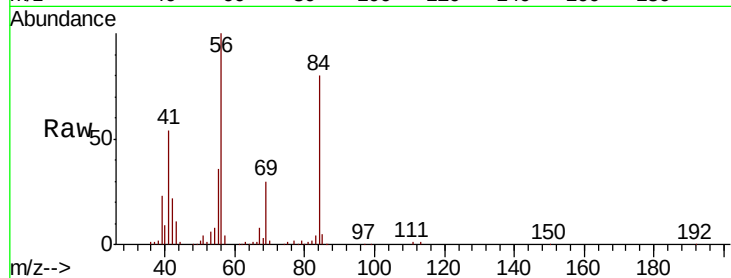
Tgt Ion: 56 Resp: 82309

Ion Ratio Lower Upper

56 100

69 29.5 24.0 36.0

84 79.2 65.3 97.9



#32

1,1,1-Trichloroethane

Concen: 20.252 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX007902.D

Acq: 08 Mar 2019 00:17

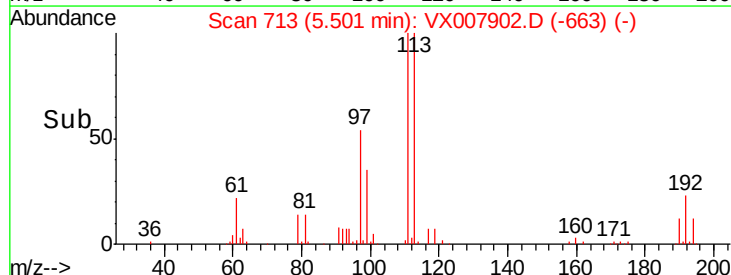
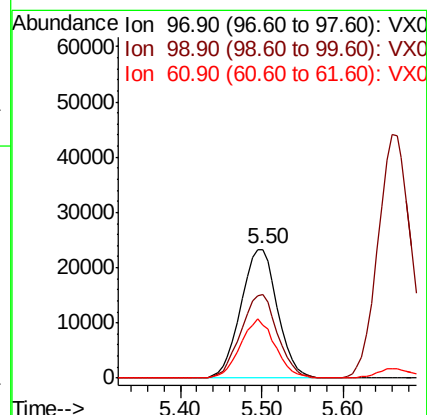
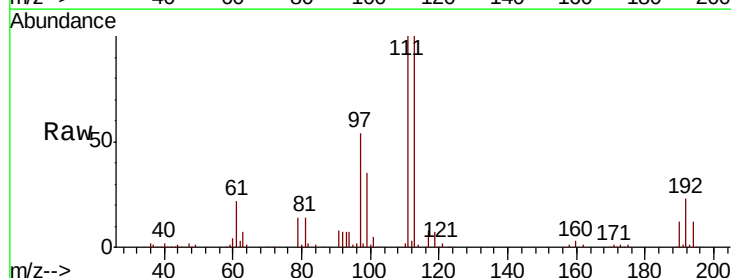
Tgt Ion: 97 Resp: 72751

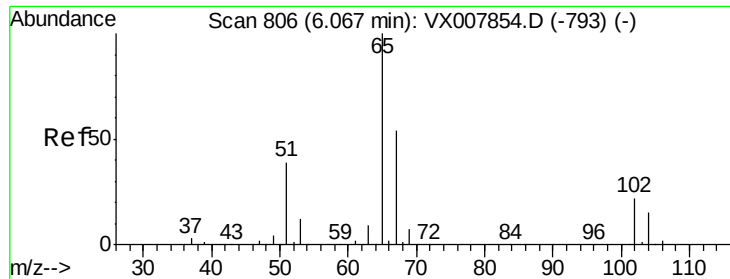
Ion Ratio Lower Upper

97 100

99 64.7 52.2 78.2

61 43.5 34.9 52.3

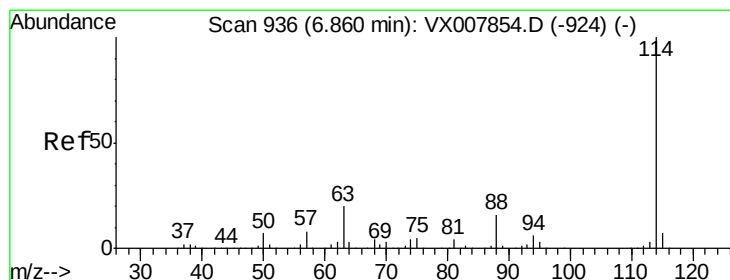
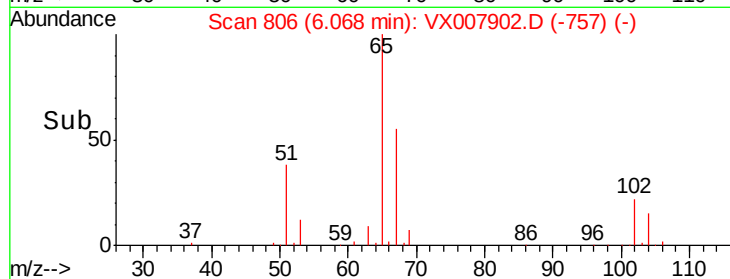
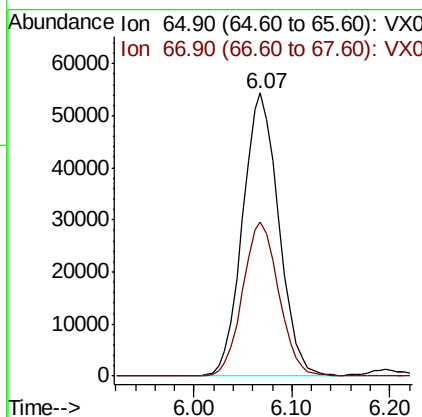
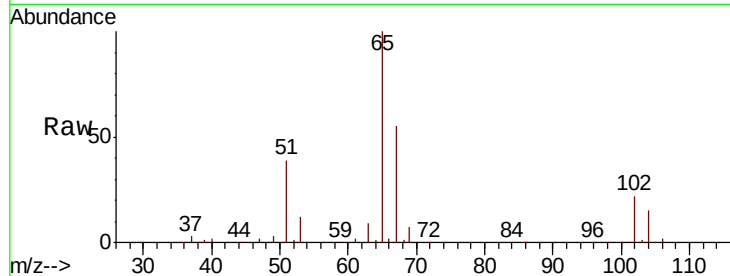




#33
 1,2-Dichloroethane-d4
 Concen: 51.018 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007902.D
 Acq: 08 Mar 2019 00:17

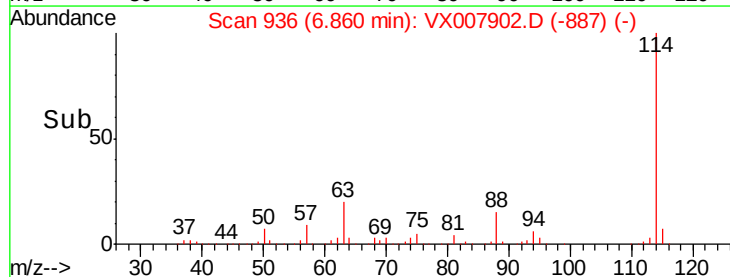
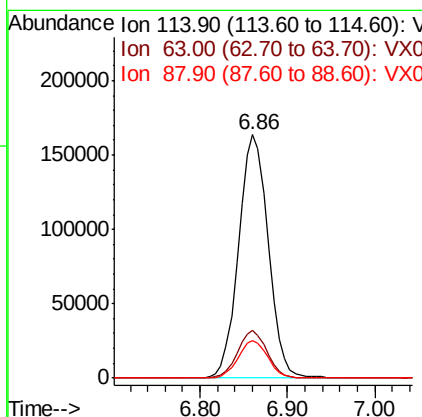
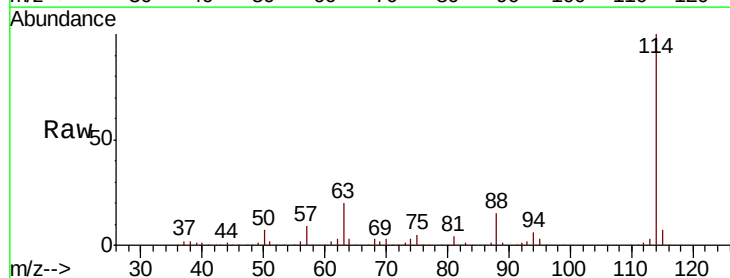
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0307WBSD02

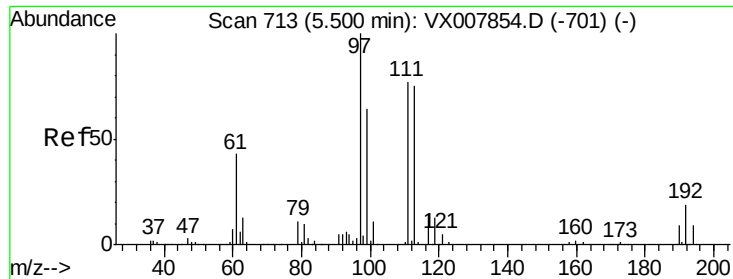
Tgt Ion: 65 Resp: 139673
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 110.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007902.D
 Acq: 08 Mar 2019 00:17

Tgt Ion: 114 Resp: 385441
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.8
 88 15.3 0.0 31.4

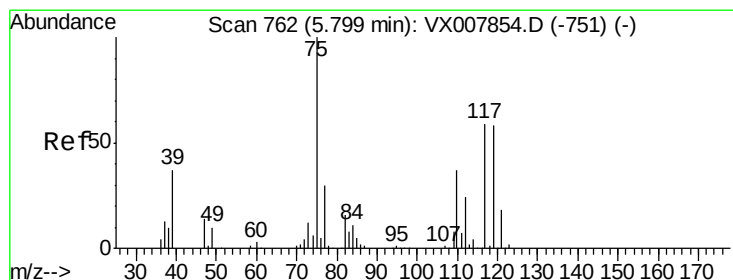
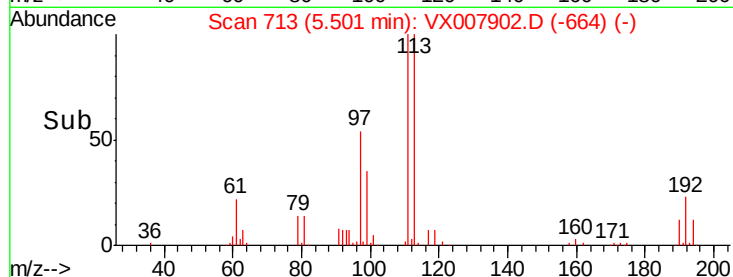
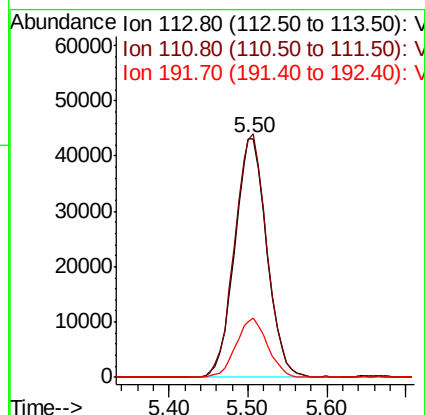
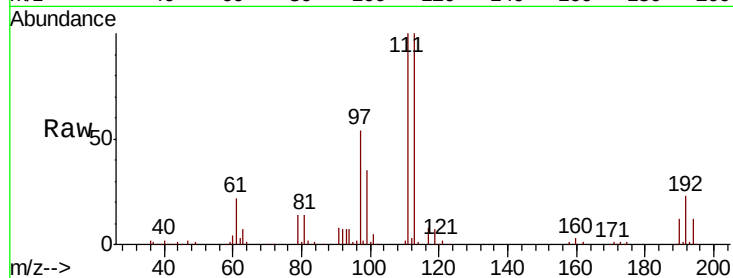




#35
 Dibromofluoromethane
 Concen: 49.448 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX007902.D
 Acq: 08 Mar 2019 00:17

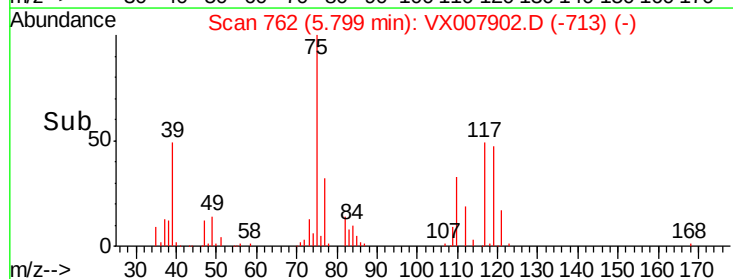
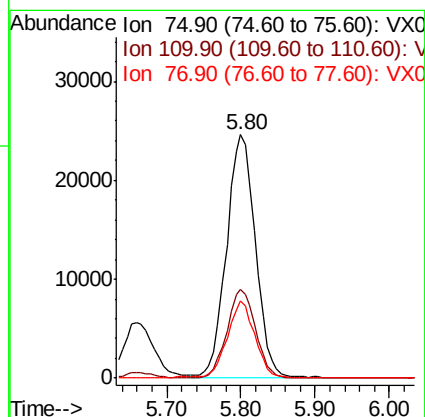
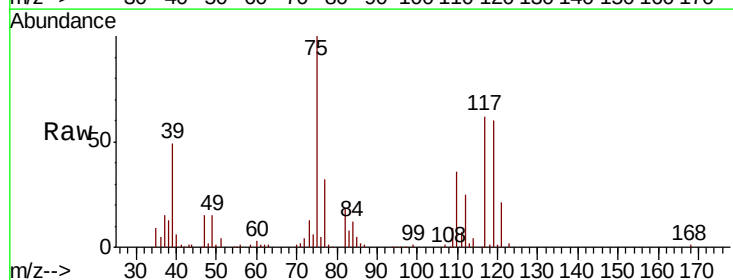
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0307WBSD02

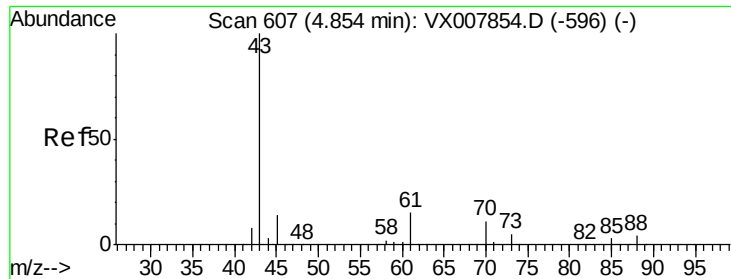
Tgt Ion:113 Resp: 121917
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.4 122.0
 192 24.3 19.4 29.0



#36
 1,1-Dichloropropene
 Concen: 19.247 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX007902.D
 Acq: 08 Mar 2019 00:17

Tgt Ion: 75 Resp: 67174
 Ion Ratio Lower Upper
 75 100
 110 35.8 18.4 55.0
 77 29.9 25.0 37.4

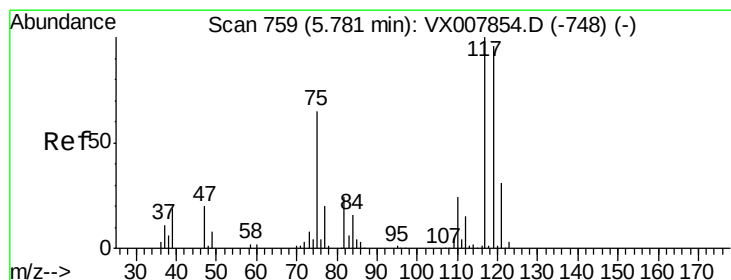
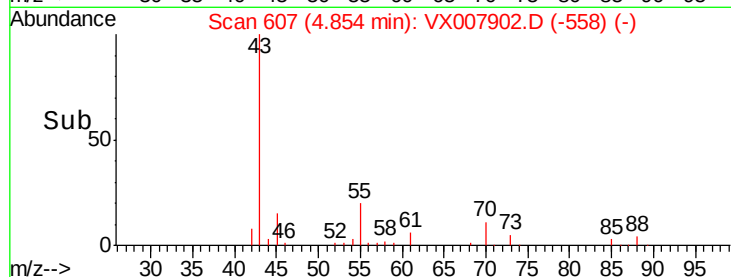
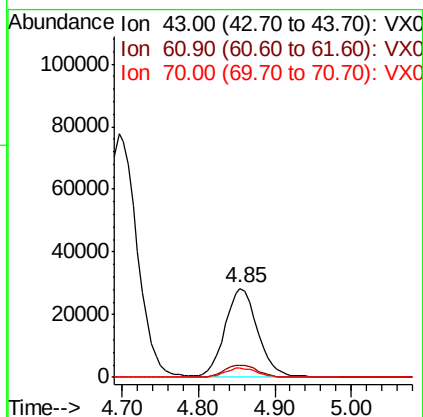
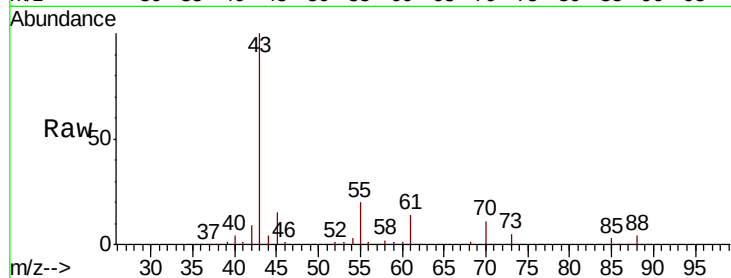




#37
Ethyl Acetate
Concen: 20.216 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX007902.D
Acq: 08 Mar 2019 00:17

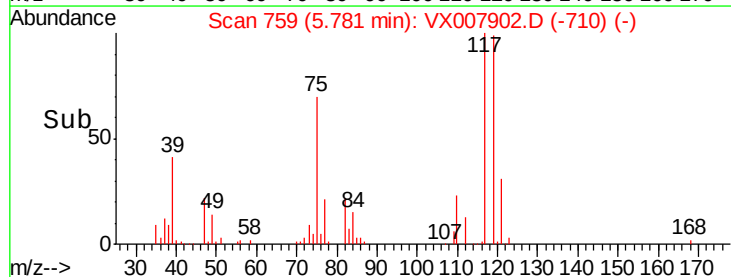
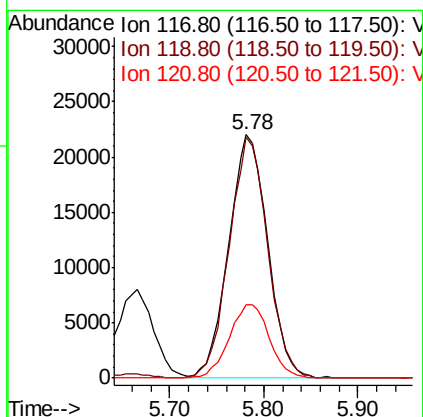
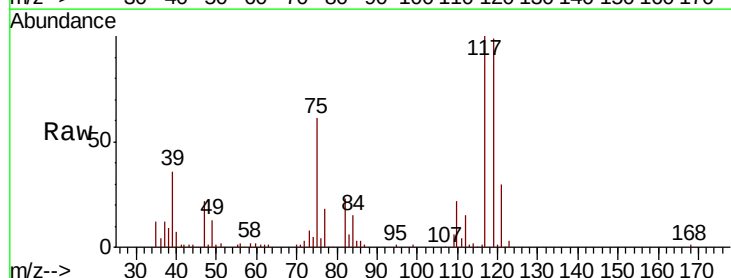
Instrument :
MSVOA_X
ClientSampleId :
VX0307WBSD02

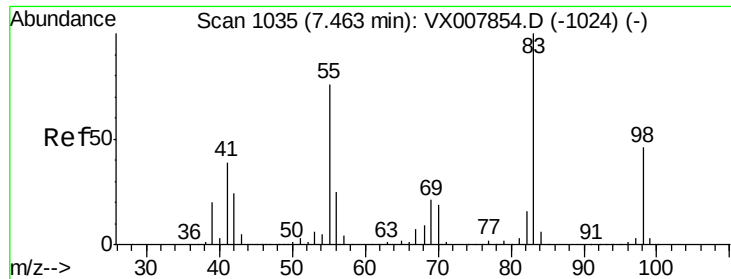
Tgt Ion: 43 Resp: 83727
Ion Ratio Lower Upper
43 100
61 14.2 11.3 16.9
70 10.5 8.5 12.7



#38
Carbon Tetrachloride
Concen: 19.172 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX007902.D
Acq: 08 Mar 2019 00:17

Tgt Ion: 117 Resp: 63523
Ion Ratio Lower Upper
117 100
119 98.8 76.2 114.2
121 30.2 24.6 36.8

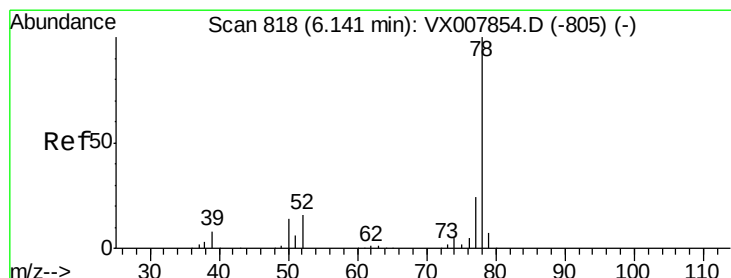
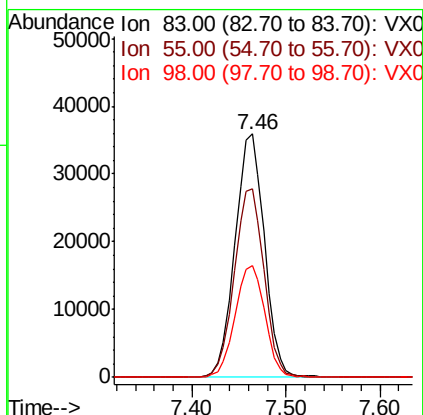
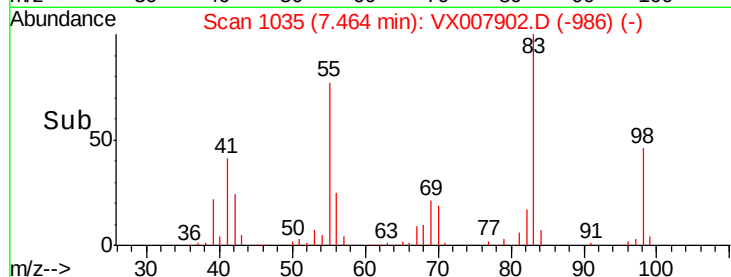
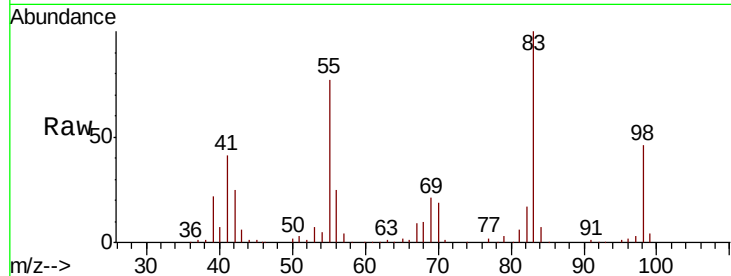




#39
Methylcyclohexane
Concen: 18.490 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX007902.D
Acq: 08 Mar 2019 00:17

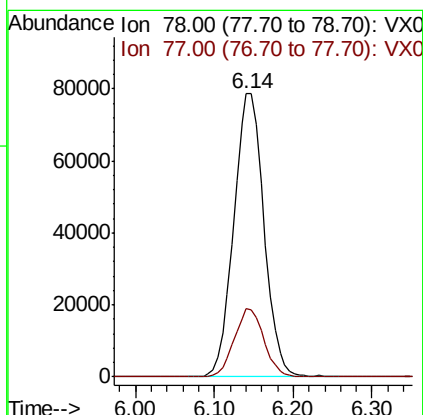
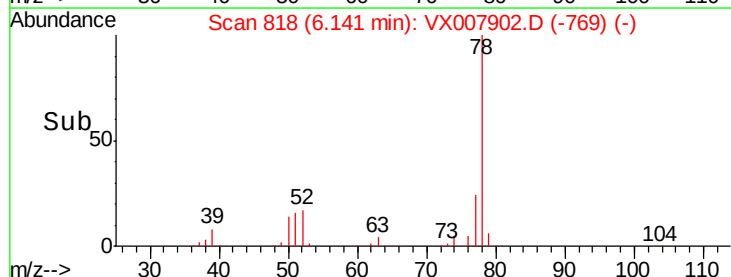
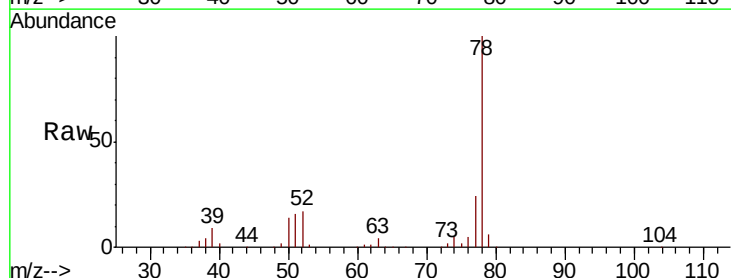
Instrument :
MSVOA_X
ClientSampleId :
VX0307WBSD02

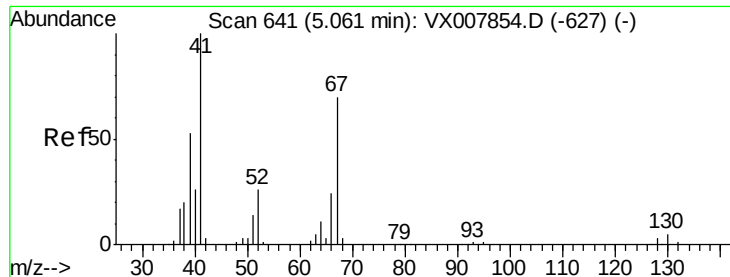
Tgt Ion: 83 Resp: 78196
Ion Ratio Lower Upper
83 100
55 77.3 60.4 90.6
98 45.7 36.5 54.7



#40
Benzene
Concen: 20.165 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX007902.D
Acq: 08 Mar 2019 00:17

Tgt Ion: 78 Resp: 209522
Ion Ratio Lower Upper
78 100
77 24.4 19.0 28.4

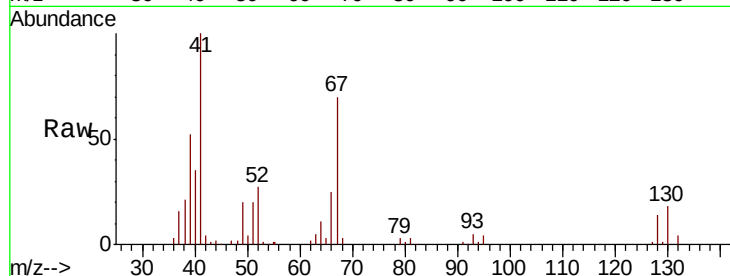




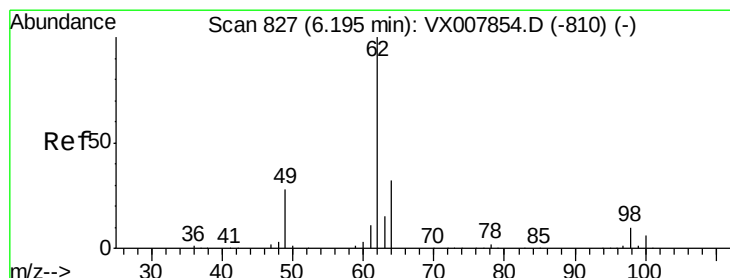
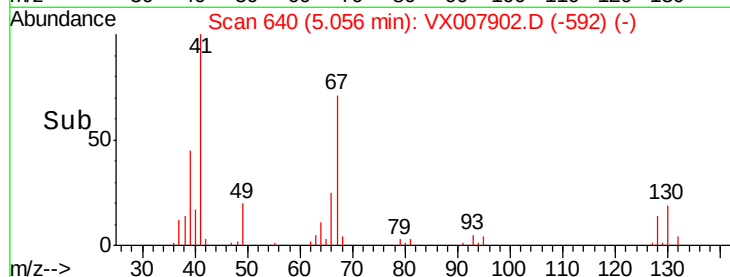
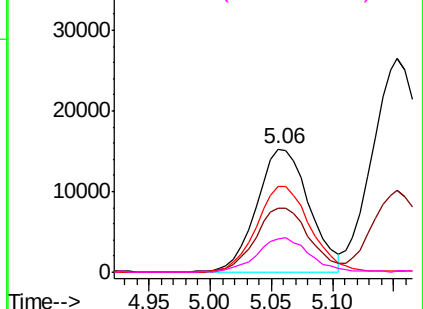
#41
Methacrylonitrile
Concen: 20.268 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX007902.D
Acq: 08 Mar 2019 00:17

Instrument :
MSVOA_X
ClientSampleId :
VX0307WBSD02

Tgt Ion:	41	Resp:	45765
Ion	Ratio	Lower	Upper
41	100		
39	54.6	41.6	62.4
67	71.9	55.8	83.6
52	28.5	21.7	32.5

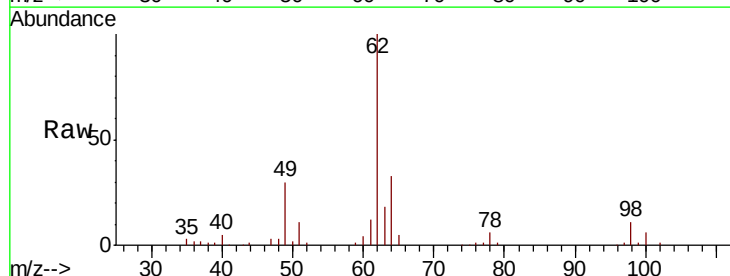


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

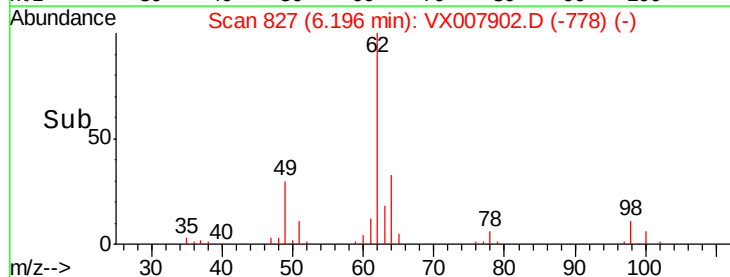
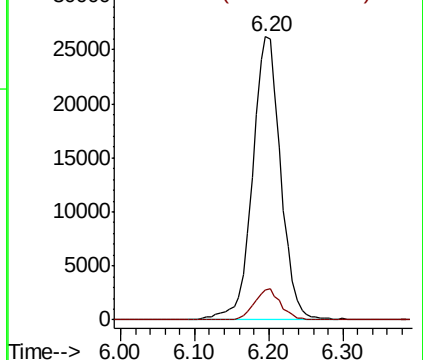


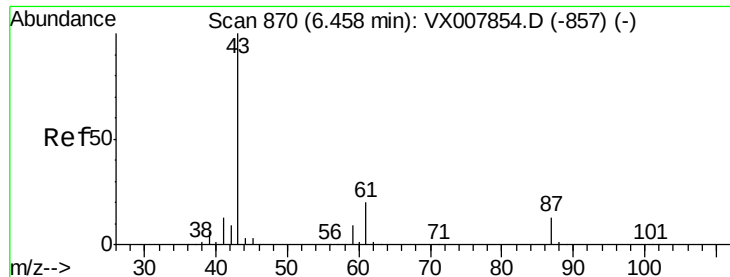
#42
1,2-Dichloroethane
Concen: 20.428 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX007902.D
Acq: 08 Mar 2019 00:17

Tgt Ion:	62	Resp:	69412
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 20.304 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX007902.D

Acq: 08 Mar 2019 00:17

Instrument :

MSVOA_X

ClientSampleId :

VX0307WBSD02

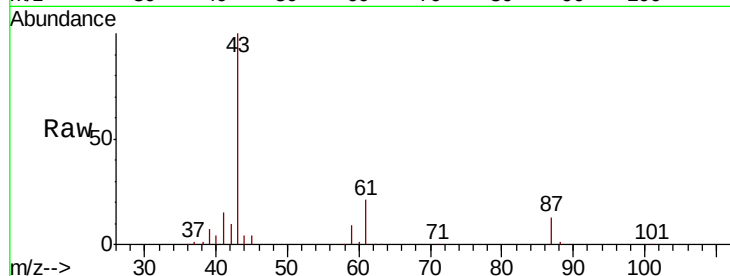
Tgt Ion: 43 Resp: 124453

Ion Ratio Lower Upper

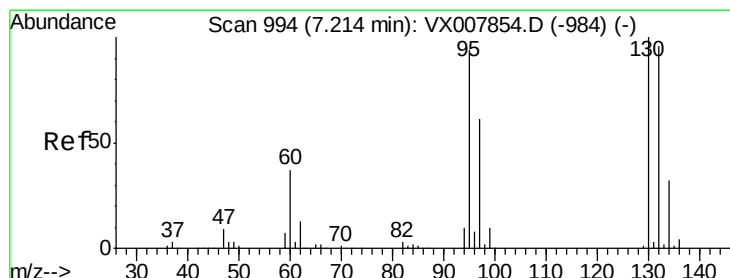
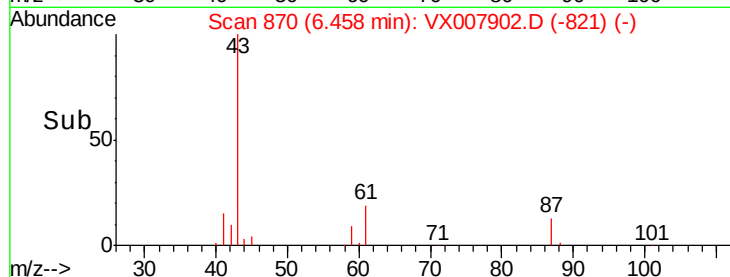
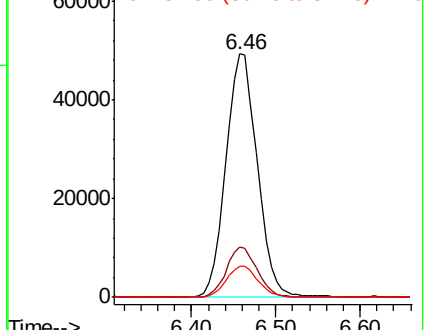
43 100

61 20.3 16.3 24.5

87 13.0 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: 19.415 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX007902.D

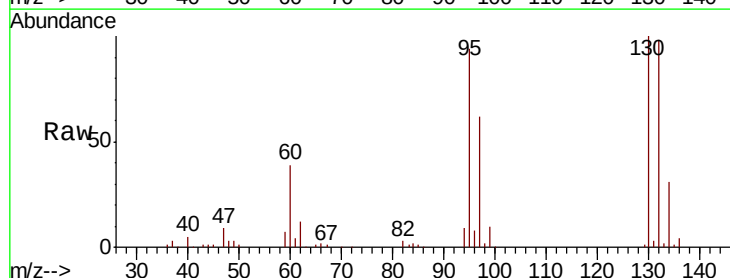
Acq: 08 Mar 2019 00:17

Tgt Ion: 130 Resp: 55591

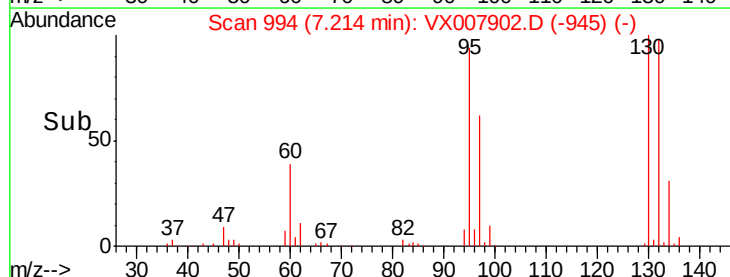
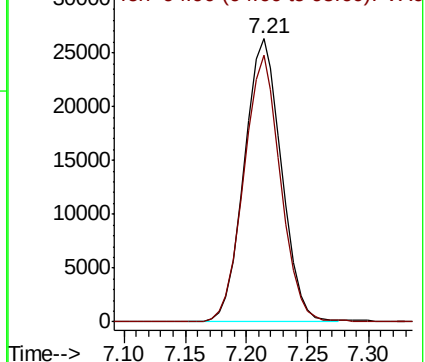
Ion Ratio Lower Upper

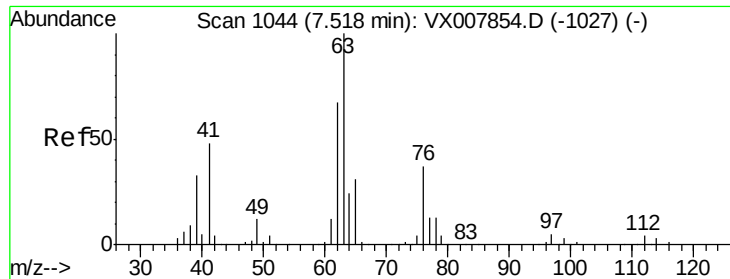
130 100

95 94.2 0.0 188.0



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

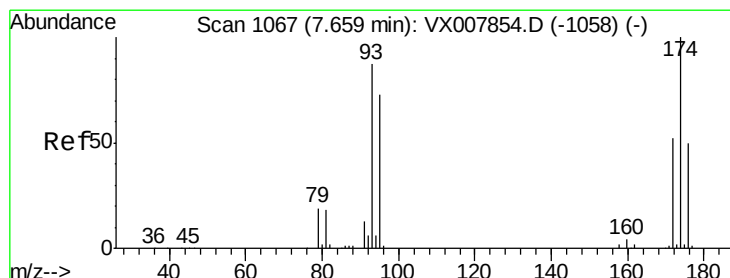
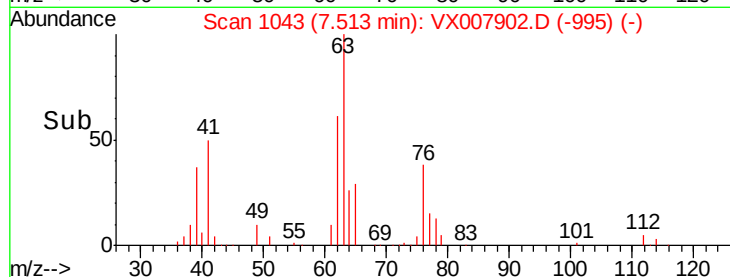
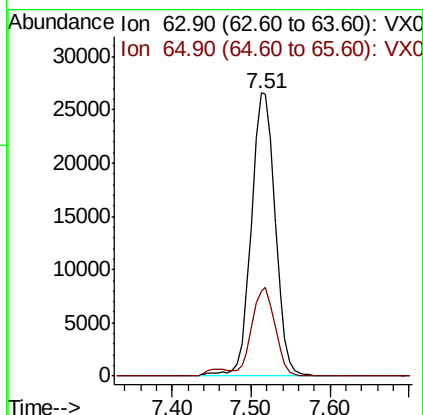
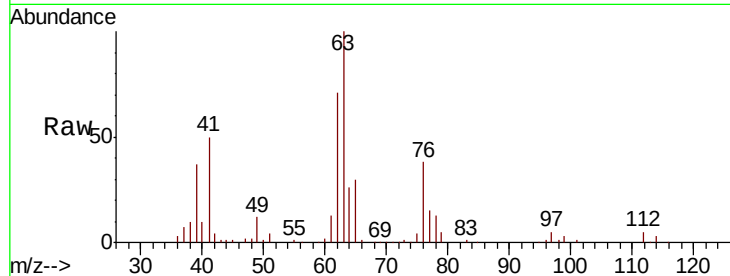




#45
 1,2-Dichloropropane
 Concen: 20.525 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: VX007902.D
 Acq: 08 Mar 2019 00:17

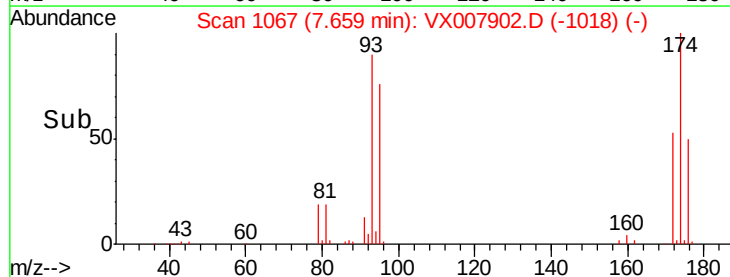
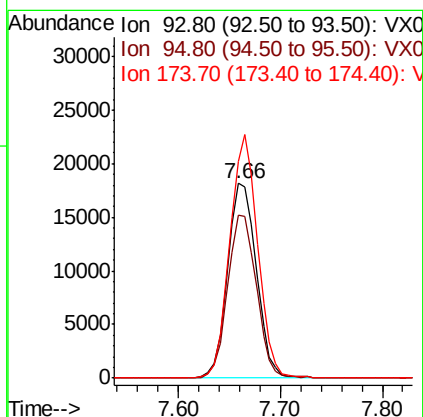
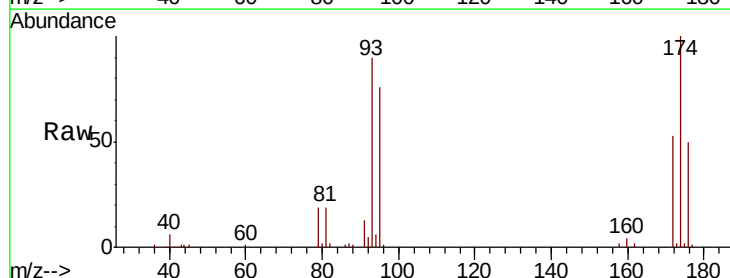
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0307WBSD02

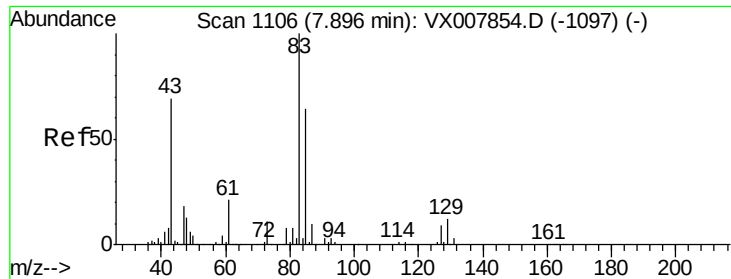
Tgt Ion: 63 Resp: 56325
 Ion Ratio Lower Upper
 63 100
 65 30.2 24.7 37.1



#46
 Dibromomethane
 Concen: 20.374 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX007902.D
 Acq: 08 Mar 2019 00:17

Tgt Ion: 93 Resp: 35384
 Ion Ratio Lower Upper
 93 100
 95 83.7 66.8 100.2
 174 120.8 97.3 145.9

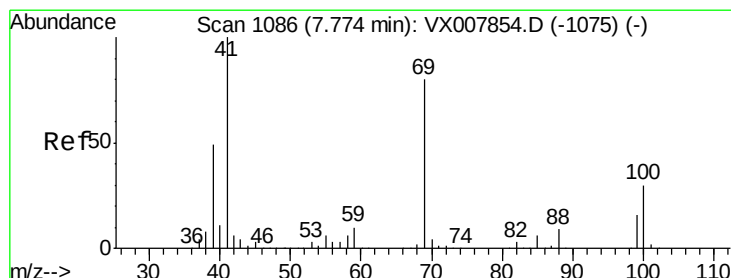
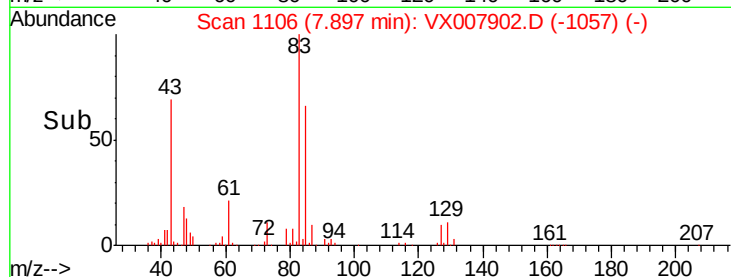
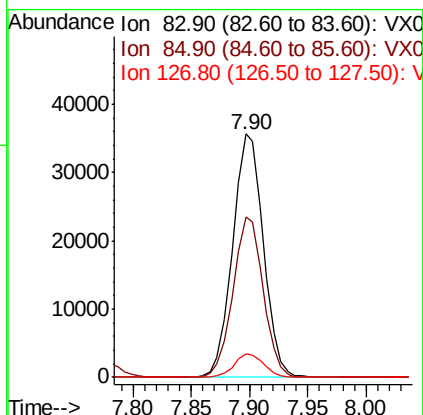
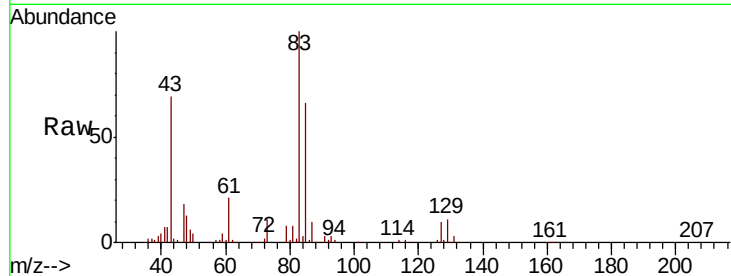




#47
Bromodichloromethane
Concen: 19.872 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VX007902.D
Acq: 08 Mar 2019 00:17

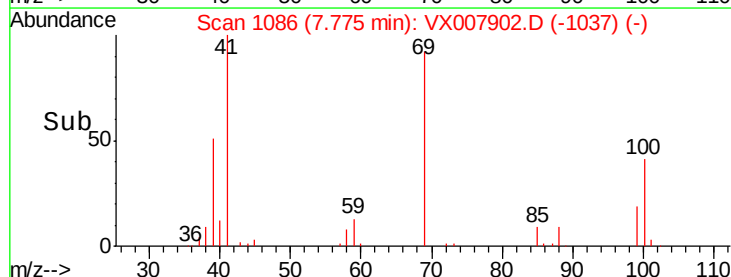
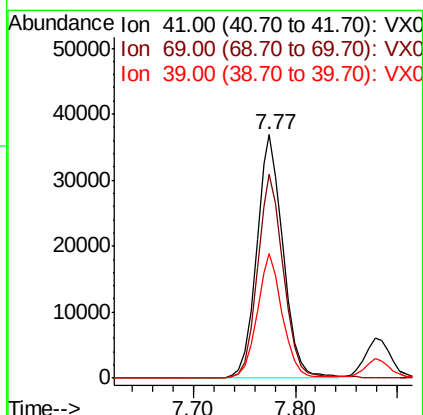
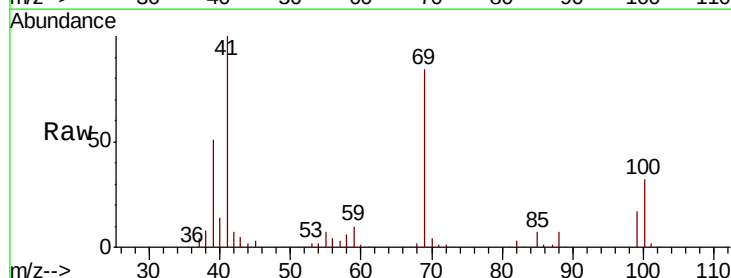
Instrument :
MSVOA_X
ClientSampleId :
VX0307WBSD02

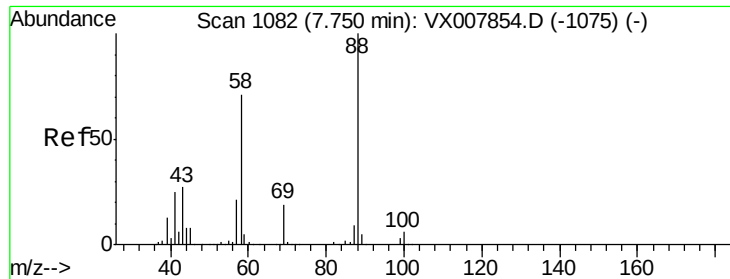
Tgt Ion: 83 Resp: 65431
Ion Ratio Lower Upper
83 100
85 65.8 50.9 76.3
127 9.9 7.4 11.0



#48
Methyl methacrylate
Concen: 20.569 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. 0.00 min
Lab File: VX007902.D
Acq: 08 Mar 2019 00:17

Tgt Ion: 41 Resp: 66287
Ion Ratio Lower Upper
41 100
69 82.7 65.2 97.8
39 49.2 39.4 59.2

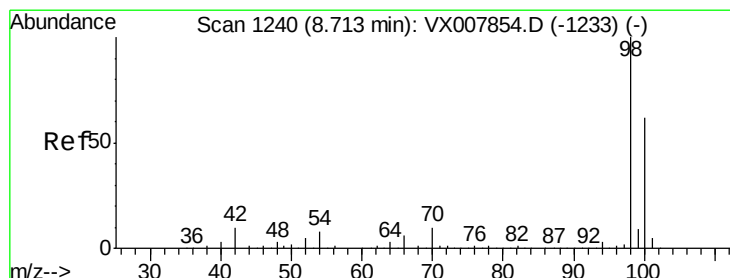
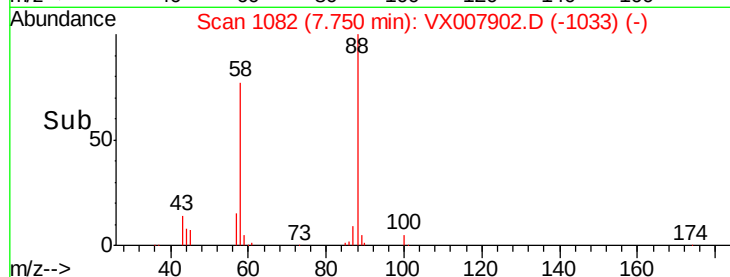
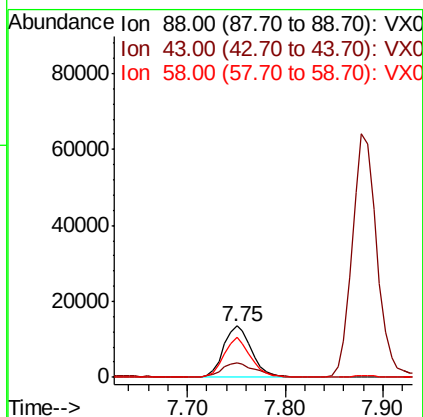
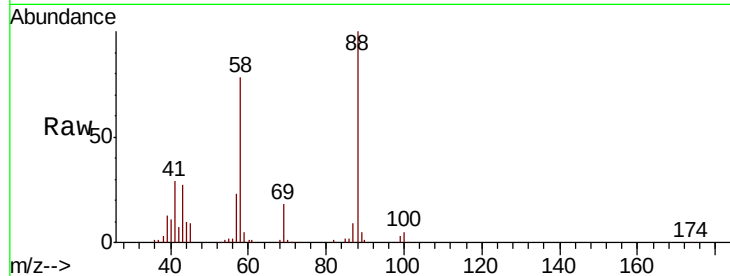




#49
 1,4-Dioxane
 Concen: 402.112 ug/l
 RT: 7.75 min Scan# 1082
 Delta R.T. 0.00 min
 Lab File: VX007902.D
 Acq: 08 Mar 2019 00:17

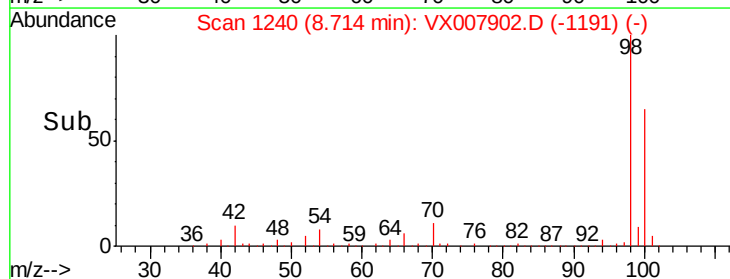
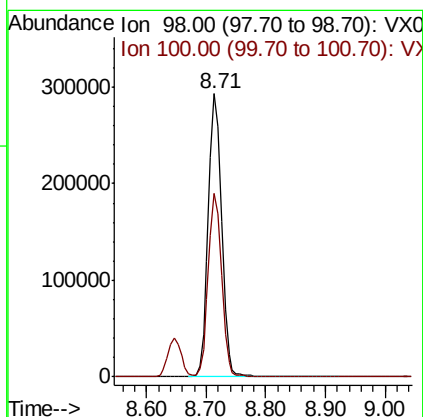
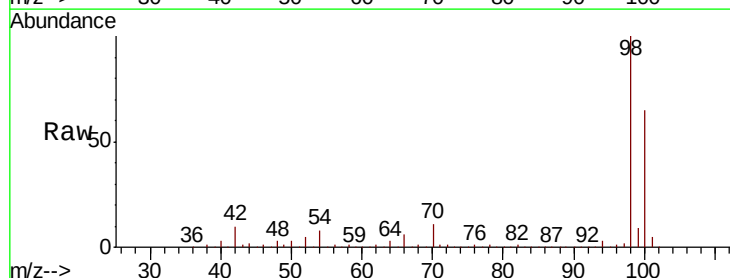
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0307WBSD02

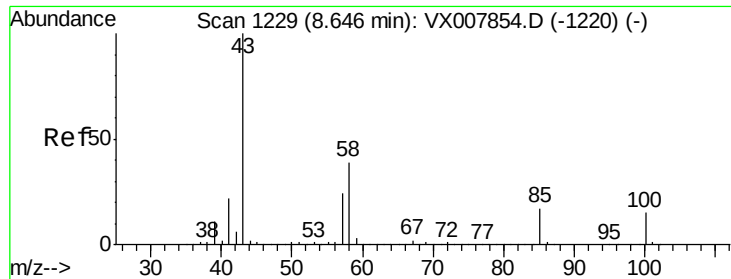
Tgt Ion: 88 Resp: 26620
 Ion Ratio Lower Upper
 88 100
 43 31.1 25.1 37.7
 58 74.6 57.8 86.6



#50
 Toluene-d8
 Concen: 49.888 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX007902.D
 Acq: 08 Mar 2019 00:17

Tgt Ion: 98 Resp: 451730
 Ion Ratio Lower Upper
 98 100
 100 64.8 51.7 77.5

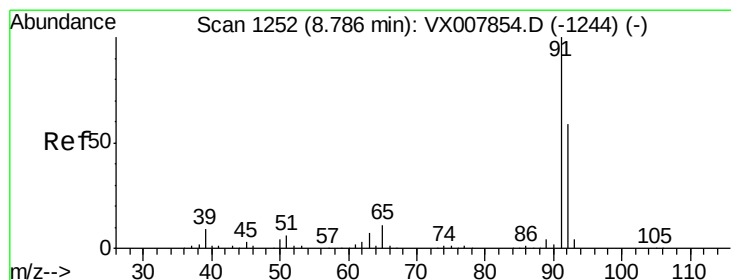
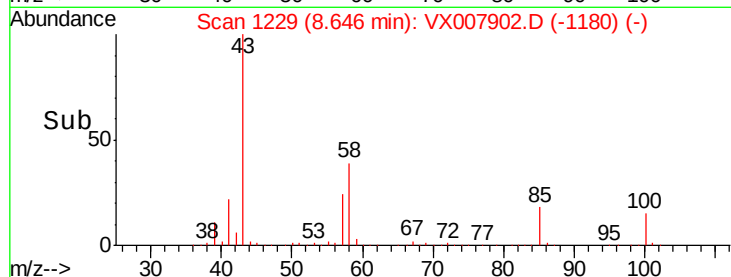
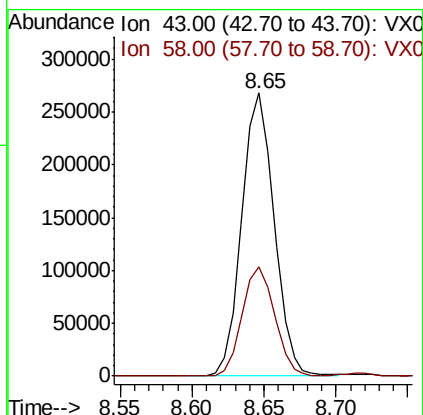
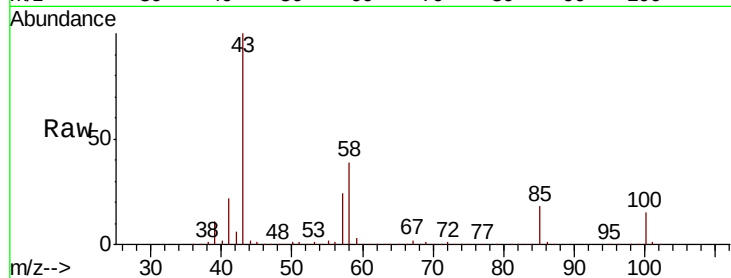




#51
 4-Methyl-2-Pentanone
 Concen: 106.150 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: VX007902.D
 Acq: 08 Mar 2019 00:17

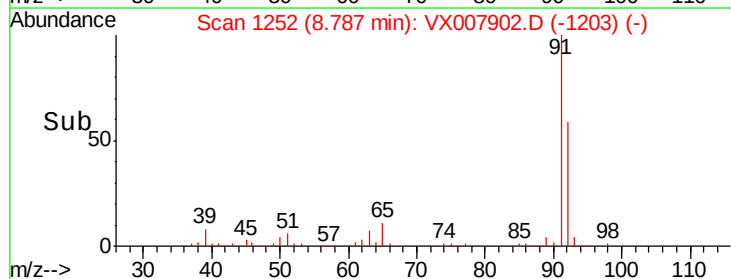
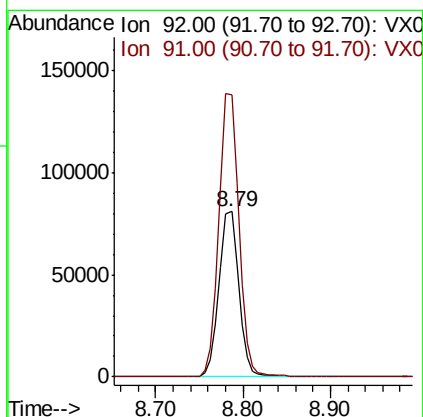
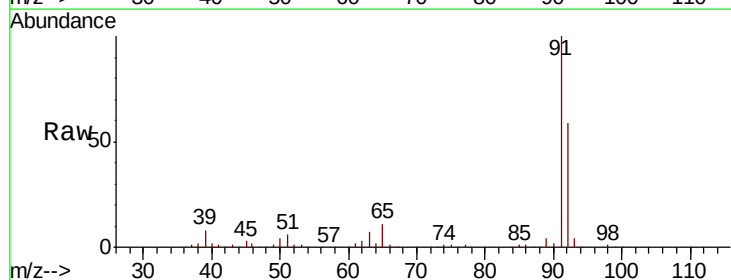
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0307WBSD02

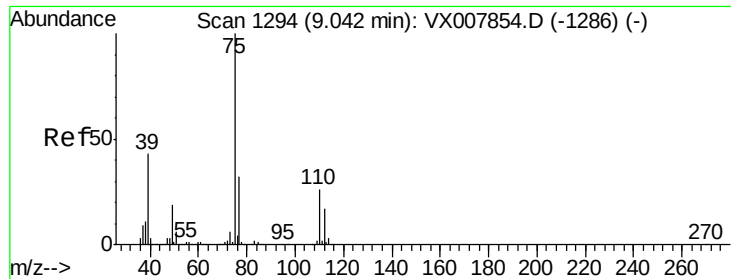
Tgt Ion: 43 Resp: 418434
 Ion Ratio Lower Upper
 43 100
 58 38.8 31.3 46.9



#52
 Toluene
 Concen: 20.139 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VX007902.D
 Acq: 08 Mar 2019 00:17

Tgt Ion: 92 Resp: 127751
 Ion Ratio Lower Upper
 92 100
 91 172.4 137.4 206.0

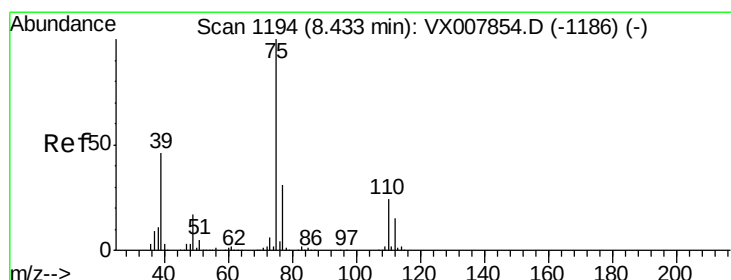
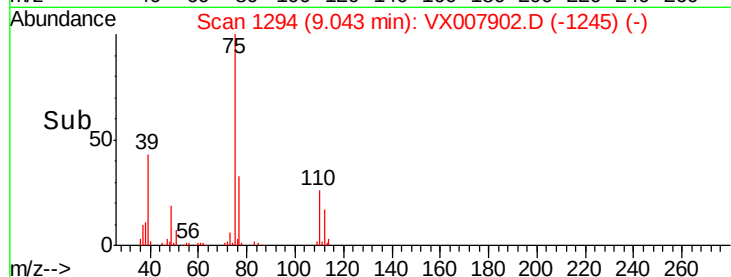
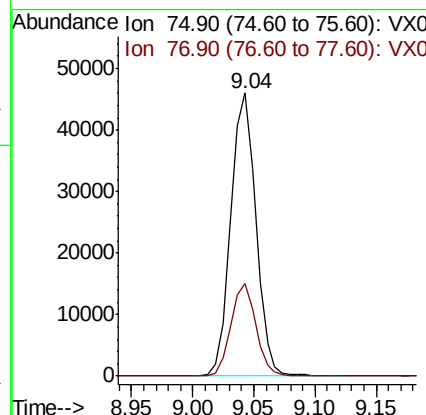
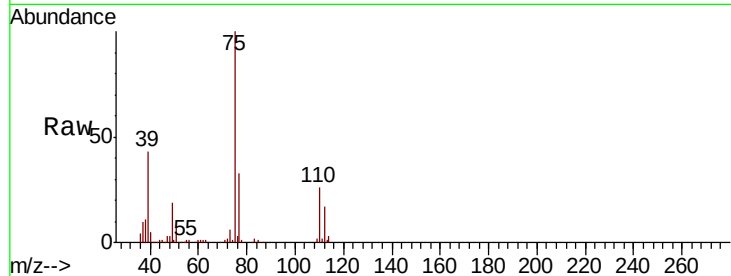




#53
t-1,3-Dichloropropene
Concen: 19.033 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX007902.D
Acq: 08 Mar 2019 00:17

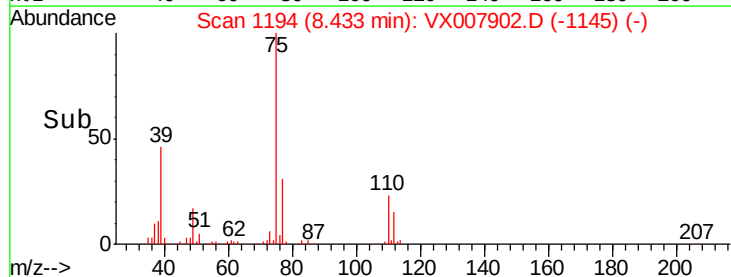
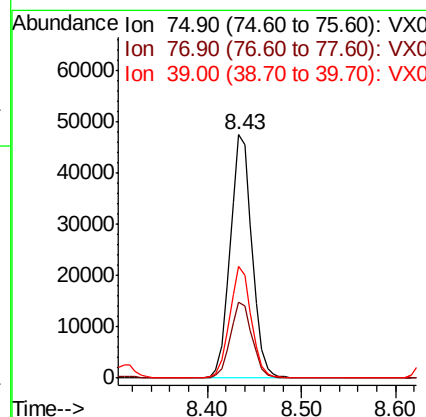
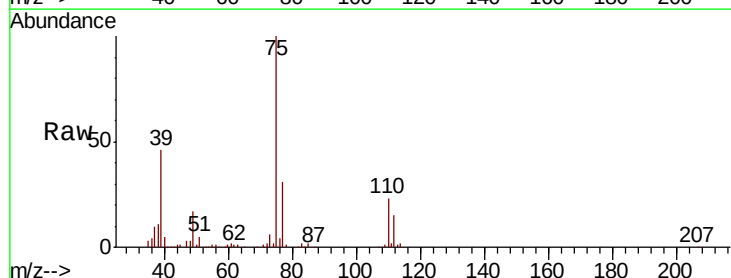
Instrument :
MSVOA_X
ClientSampleID :
VX0307WBSD02

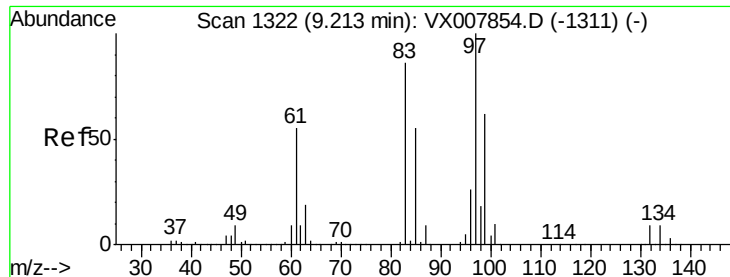
Tgt Ion: 75 Resp: 65410
Ion Ratio Lower Upper
75 100
77 32.8 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 19.592 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX007902.D
Acq: 08 Mar 2019 00:17

Tgt Ion: 75 Resp: 76034
Ion Ratio Lower Upper
75 100
77 31.3 25.0 37.6
39 46.0 36.6 54.8

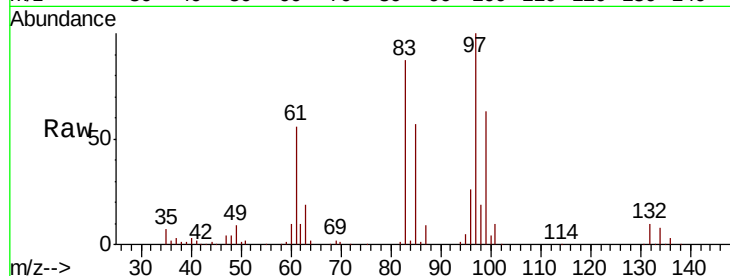




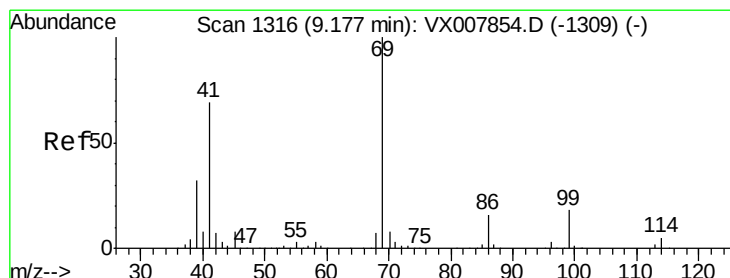
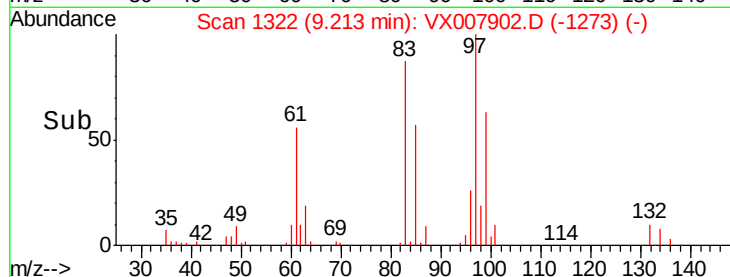
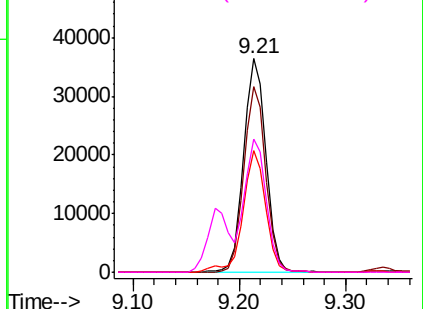
#55
 1,1,2-Trichloroethane
 Concen: 20.878 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX007902.D
 Acq: 08 Mar 2019 00:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0307WBSD02

Tgt Ion:	97	Resp:	53613
Ion	Ratio	Lower	Upper
97	100		
83	87.1	69.1	103.7
85	56.9	44.3	66.5
99	62.6	49.8	74.8

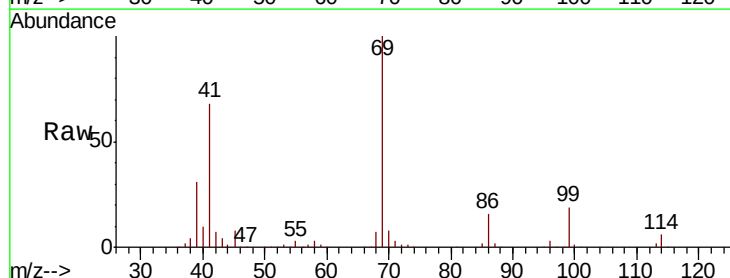


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

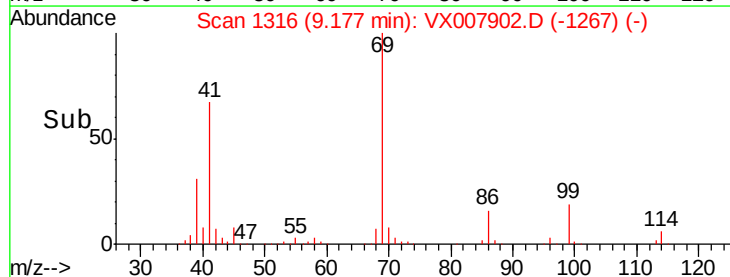
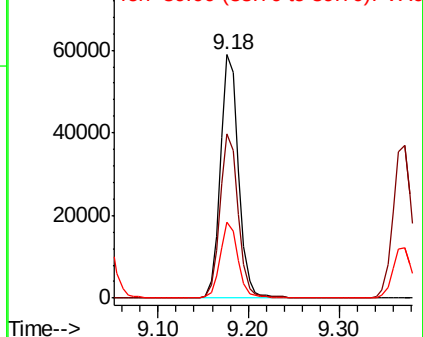


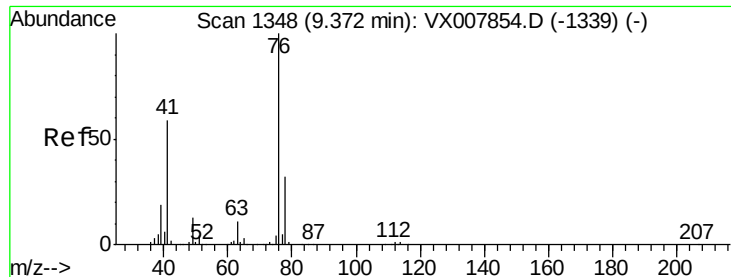
#56
 Ethyl methacrylate
 Concen: 21.334 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX007902.D
 Acq: 08 Mar 2019 00:17

Tgt Ion:	69	Resp:	82253
Ion	Ratio	Lower	Upper
69	100		
41	67.7	54.2	81.4
39	30.5	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

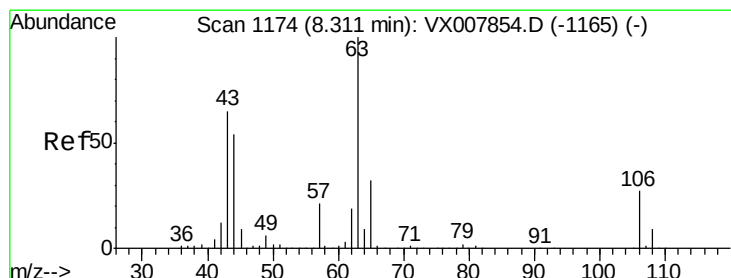
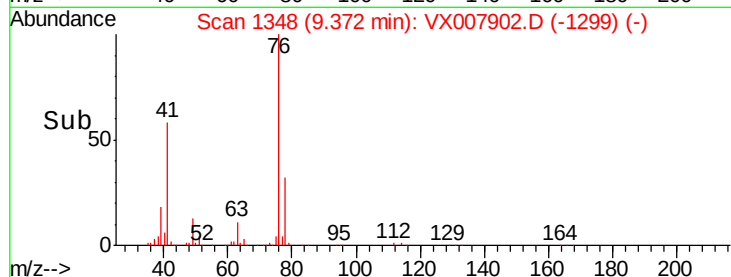
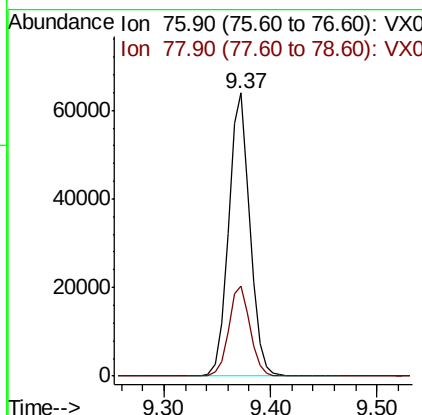
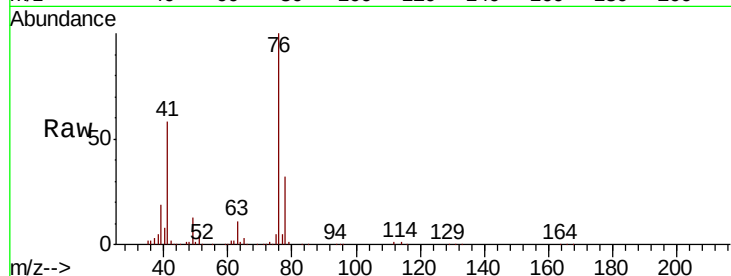




#57
 1,3-Dichloropropane
 Concen: 20.767 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX007902.D
 Acq: 08 Mar 2019 00:17

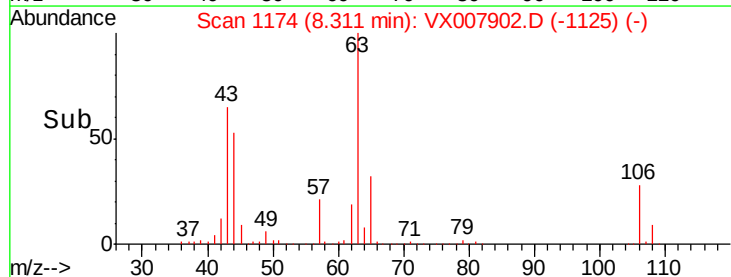
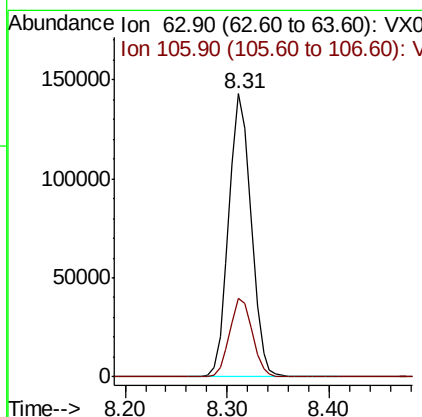
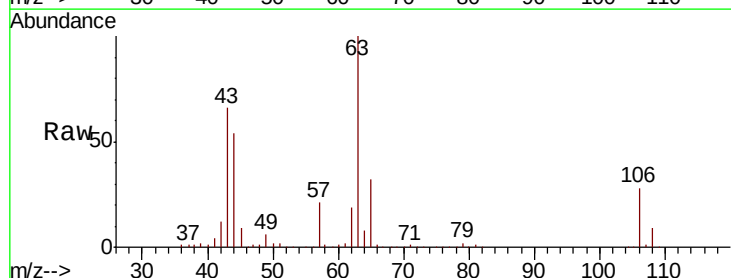
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0307WBSD02

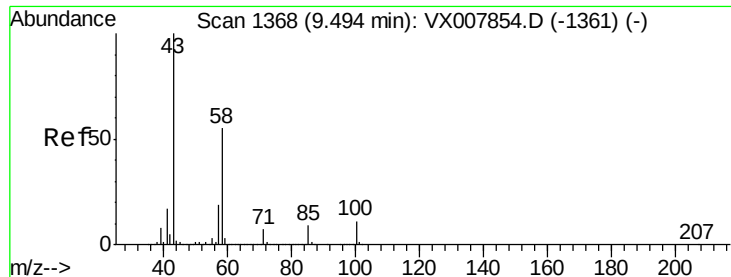
Tgt Ion: 76 Resp: 89540
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 109.331 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX007902.D
 Acq: 08 Mar 2019 00:17

Tgt Ion: 63 Resp: 218050
 Ion Ratio Lower Upper
 63 100
 106 27.8 22.2 33.2

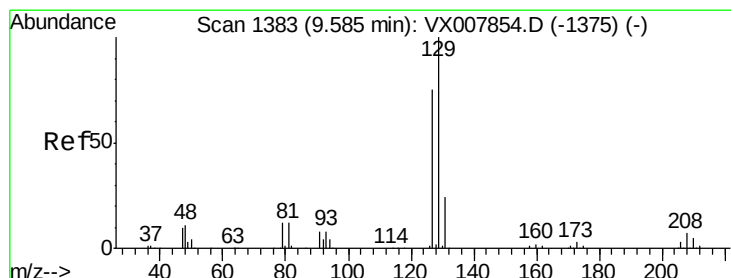
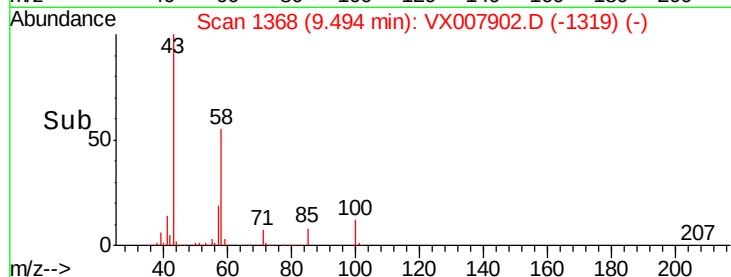
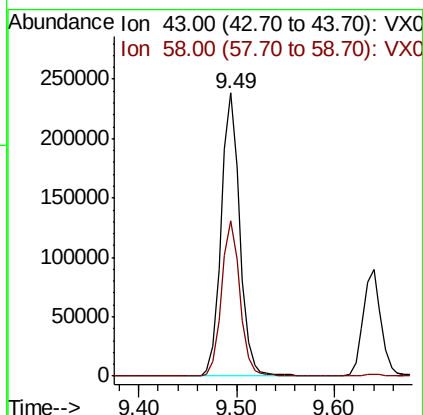
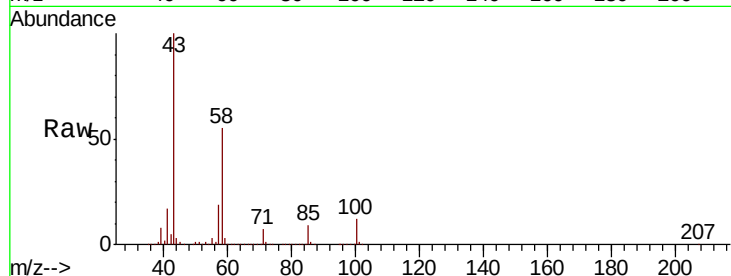




#59
2-Hexanone
Concen: 102.764 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007902.D
Acq: 08 Mar 2019 00:17

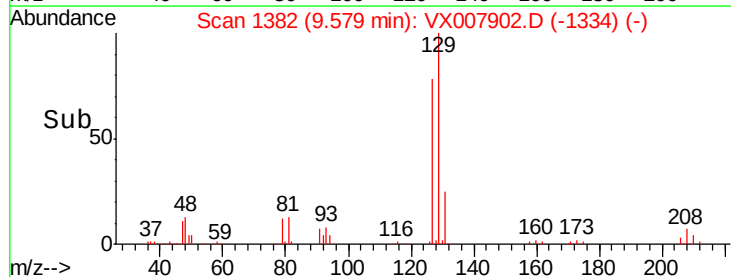
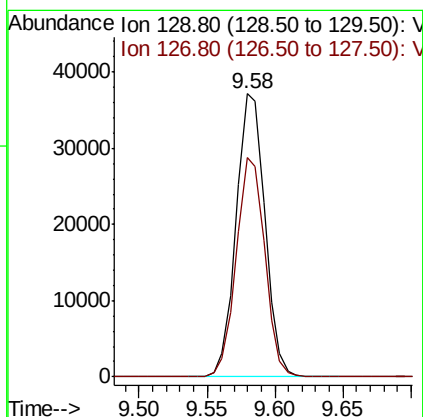
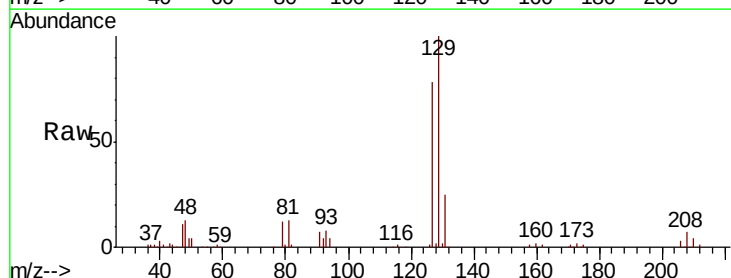
Instrument :
MSVOA_X
ClientSampleId :
VX0307WBSD02

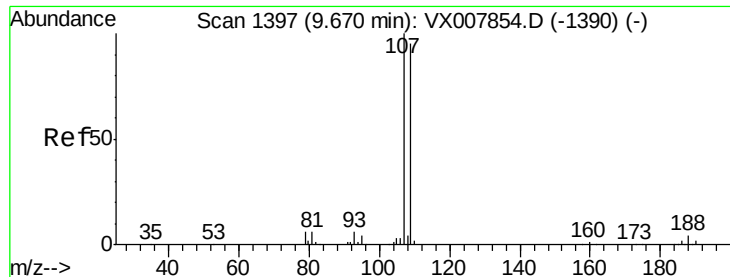
Tgt Ion: 43 Resp: 314502
Ion Ratio Lower Upper
43 100
58 54.6 27.6 82.7



#60
Dibromochloromethane
Concen: 20.415 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.01 min
Lab File: VX007902.D
Acq: 08 Mar 2019 00:17

Tgt Ion: 129 Resp: 54795
Ion Ratio Lower Upper
129 100
127 77.0 38.3 114.8





#61

1,2-Dibromoethane

Concen: 20.585 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007902.D

Acq: 08 Mar 2019 00:17

Instrument :

MSVOA_X

ClientSampleId :

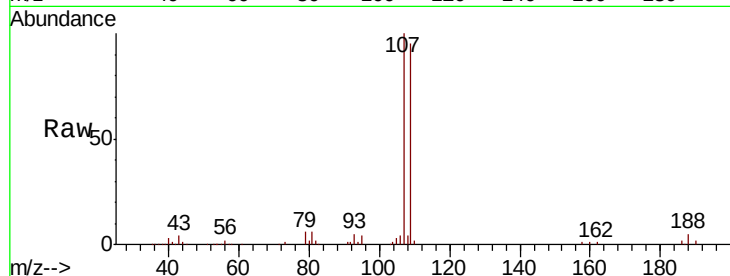
VX0307WBSD02

Tgt Ion: 107 Resp: 56124

Ion Ratio Lower Upper

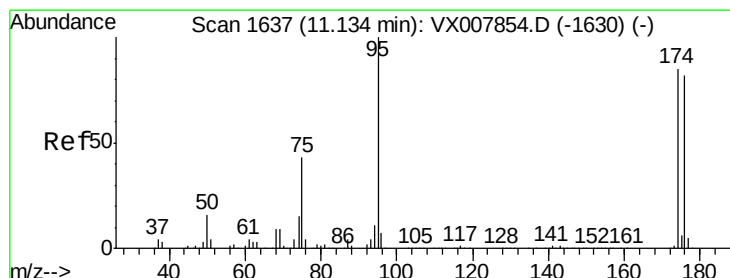
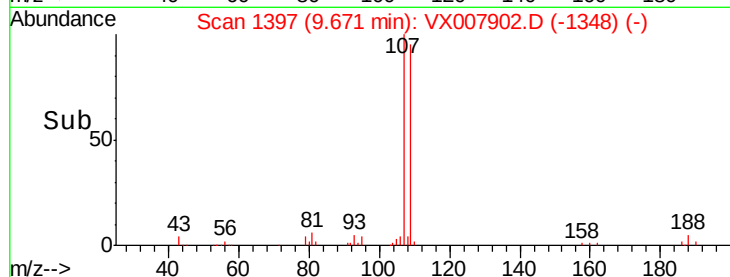
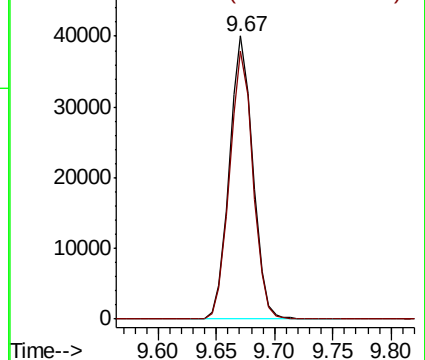
107 100

109 94.5 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: 49.686 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007902.D

Acq: 08 Mar 2019 00:17

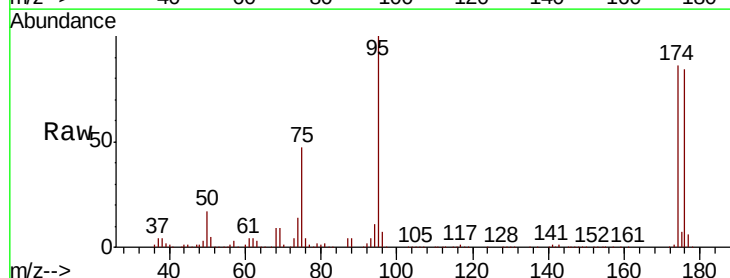
Tgt Ion: 95 Resp: 157736

Ion Ratio Lower Upper

95 100

174 92.3 0.0 182.8

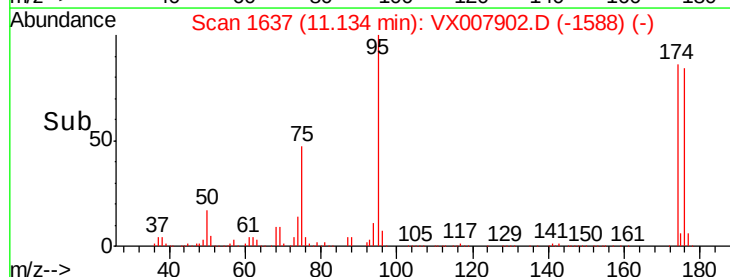
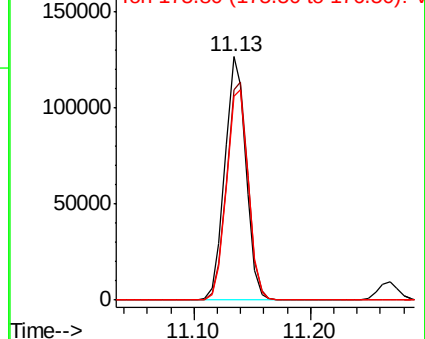
176 89.9 0.0 178.0

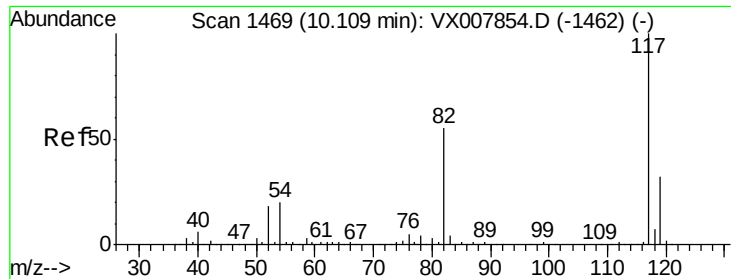


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

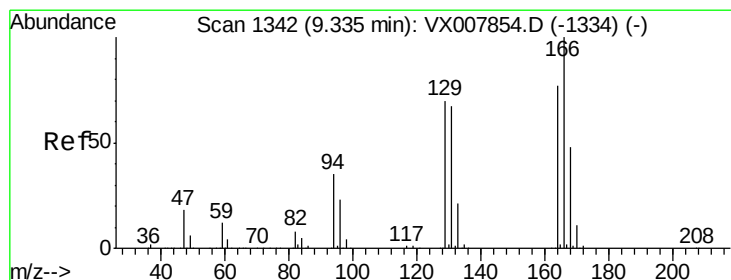
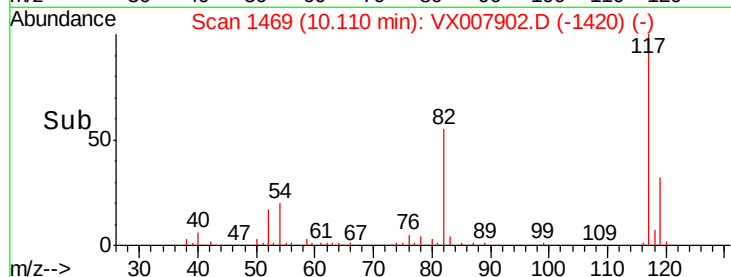
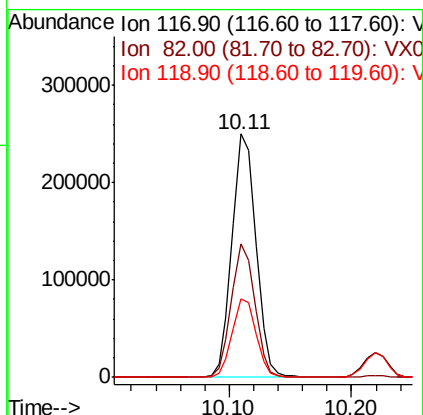
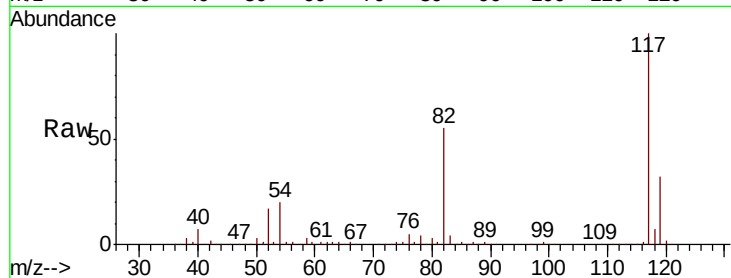




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007902.D
Acq: 08 Mar 2019 00:17

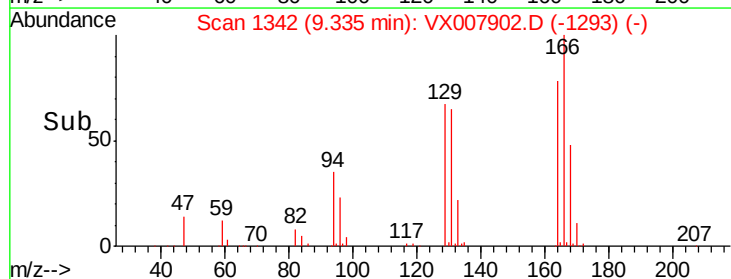
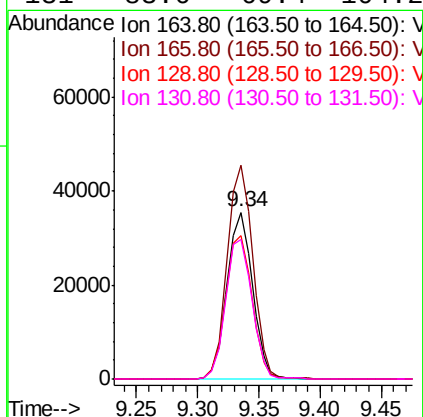
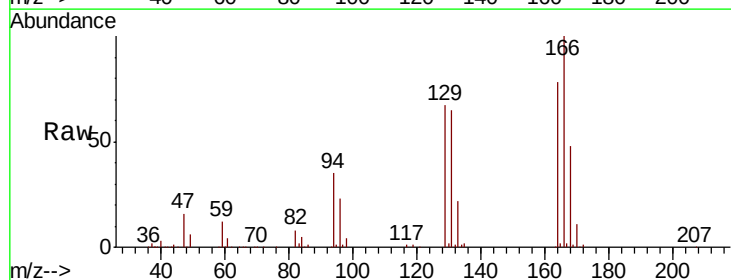
Instrument :
MSVOA_X
ClientSampleId :
VX0307WBSD02

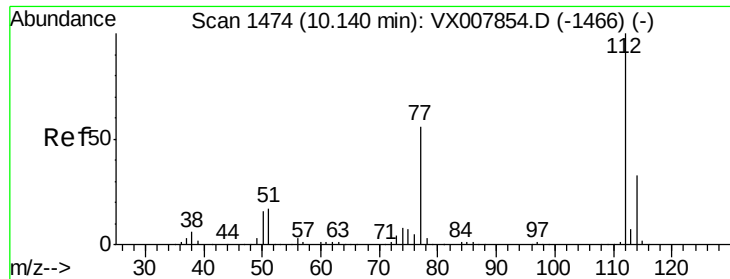
Tgt Ion:117 Resp: 339740
Ion Ratio Lower Upper
117 100
82 54.8 44.3 66.5
119 32.2 25.3 37.9



#64
Tetrachloroethene
Concen: 18.263 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007902.D
Acq: 08 Mar 2019 00:17

Tgt Ion:164 Resp: 51419
Ion Ratio Lower Upper
164 100
166 128.0 103.4 155.0
129 85.7 72.2 108.4
131 83.6 69.4 104.2

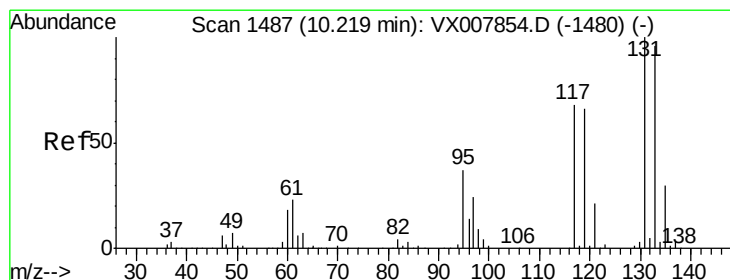
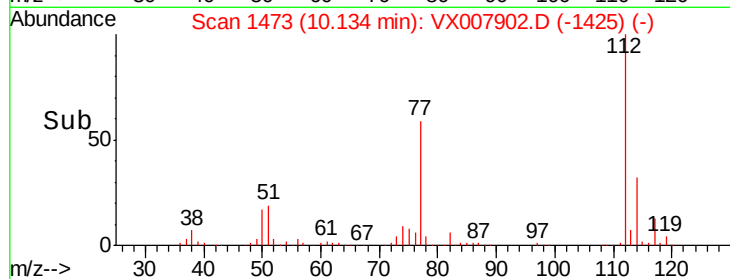
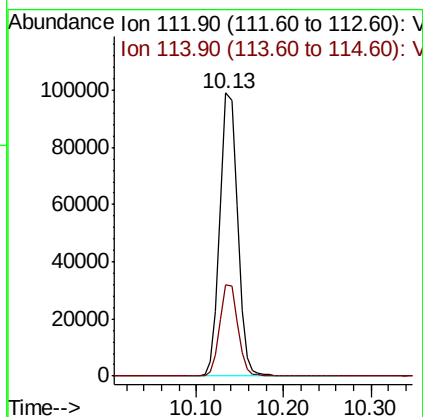
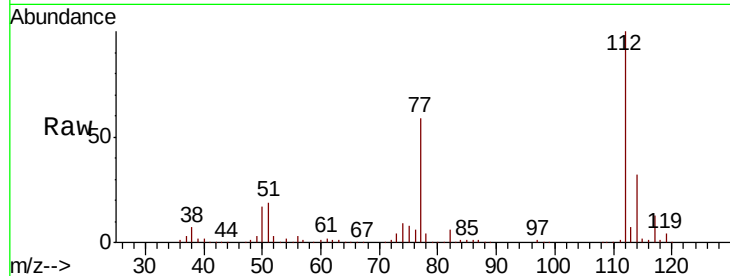




#65
Chlorobenzene
Concen: 19.529 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX007902.D
Acq: 08 Mar 2019 00:17

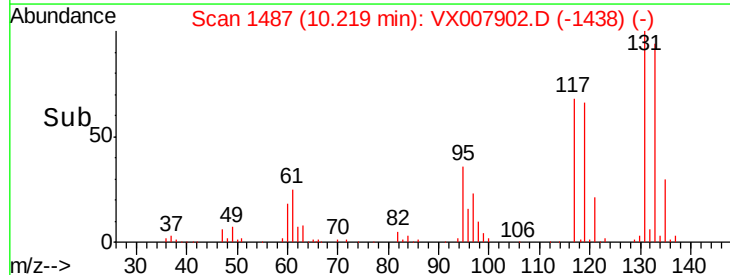
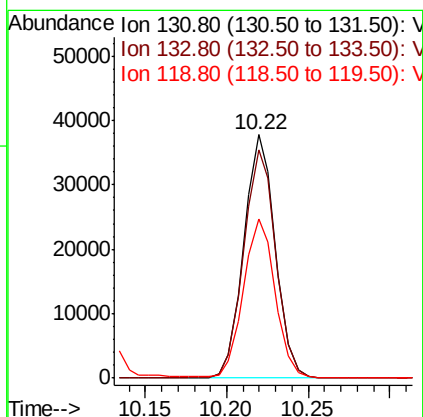
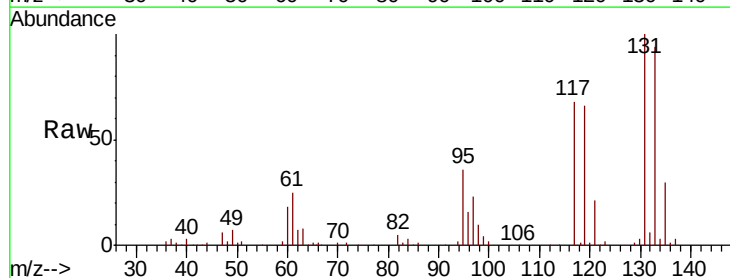
Instrument :
MSVOA_X
ClientSampleId :
VX0307WBSD02

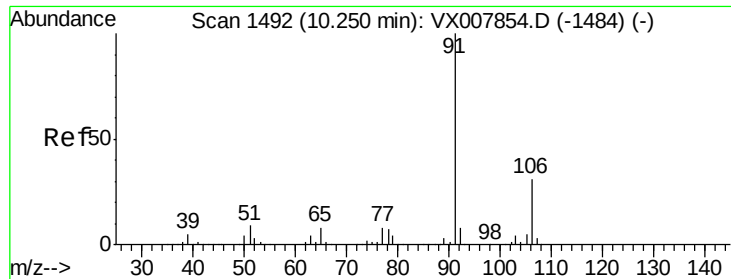
Tgt Ion:112 Resp: 138835
Ion Ratio Lower Upper
112 100
114 32.4 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 19.871 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX007902.D
Acq: 08 Mar 2019 00:17

Tgt Ion:131 Resp: 50631
Ion Ratio Lower Upper
131 100
133 96.0 47.8 143.3
119 66.7 32.5 97.5

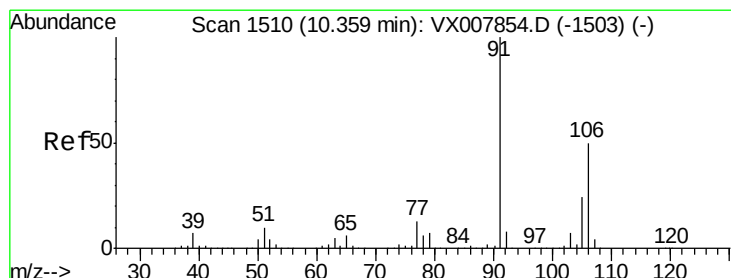
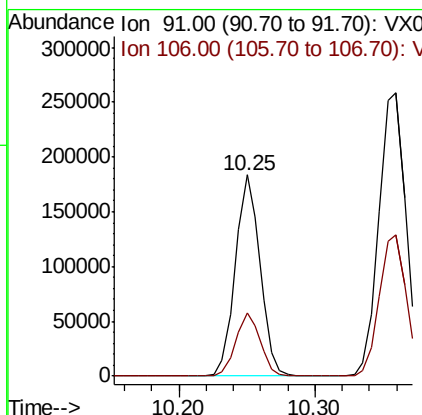
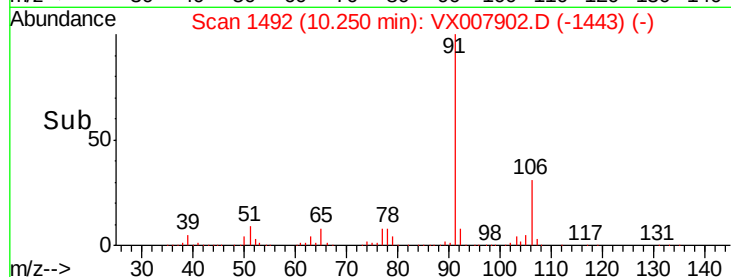
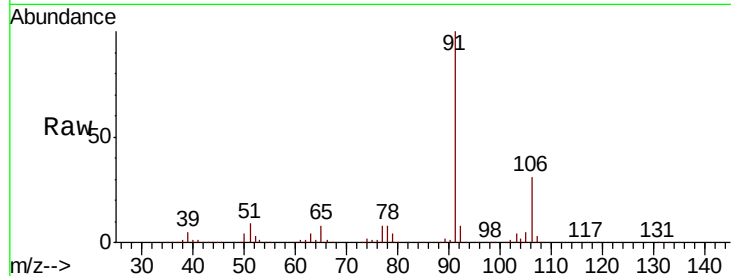




#67
Ethyl Benzene
Concen: 19.932 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX007902.D
Acq: 08 Mar 2019 00:17

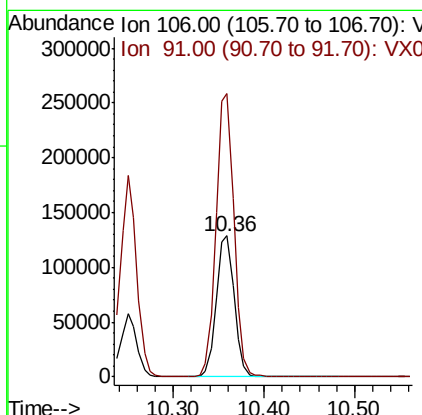
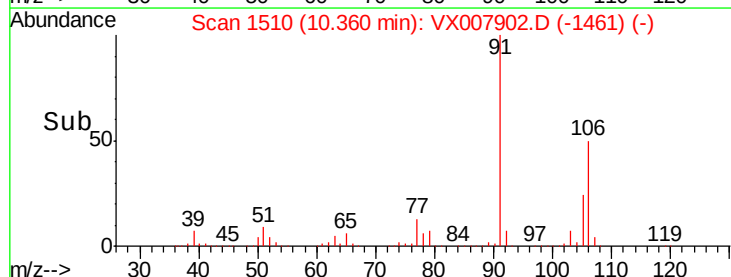
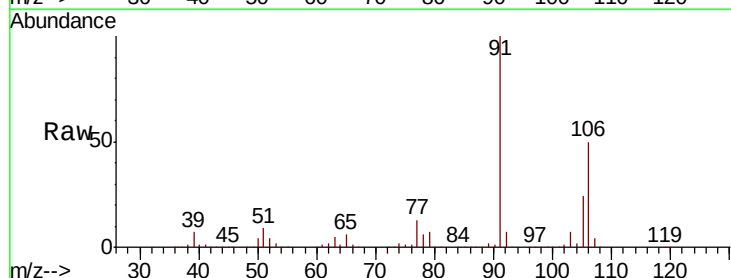
Instrument :
MSVOA_X
ClientSampleId :
VX0307WBSD02

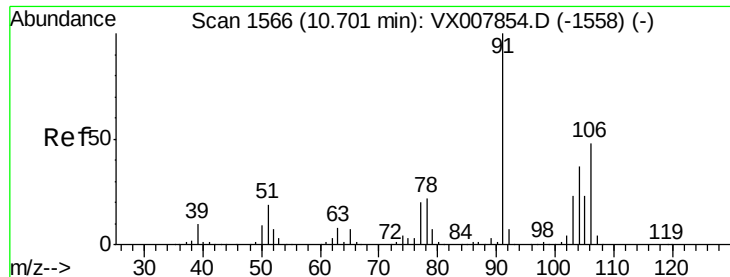
Tgt Ion: 91 Resp: 233256
Ion Ratio Lower Upper
91 100
106 31.4 25.2 37.8



#68
m/p-Xylenes
Concen: 39.700 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX007902.D
Acq: 08 Mar 2019 00:17

Tgt Ion: 106 Resp: 179079
Ion Ratio Lower Upper
106 100
91 201.0 159.8 239.6

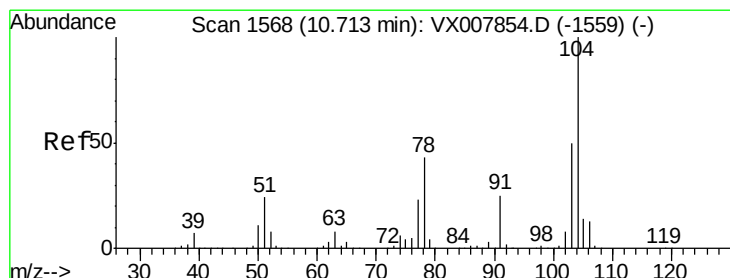
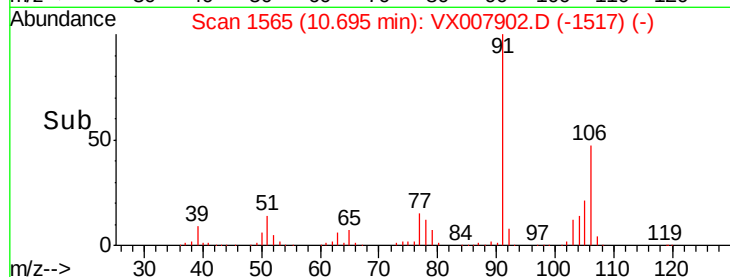
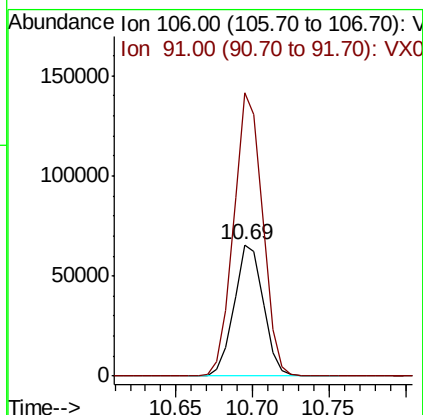
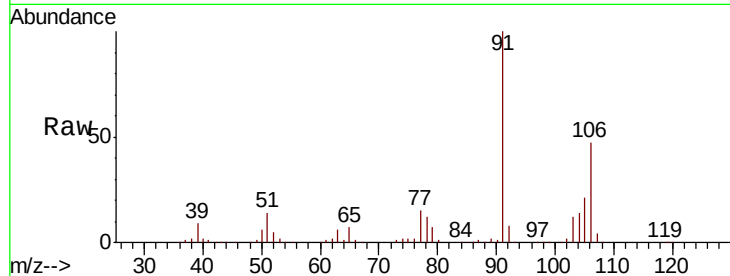




#69
o-Xylene
Concen: 20.013 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX007902.D
Acq: 08 Mar 2019 00:17

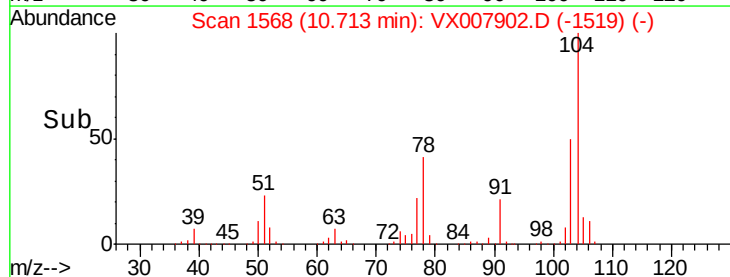
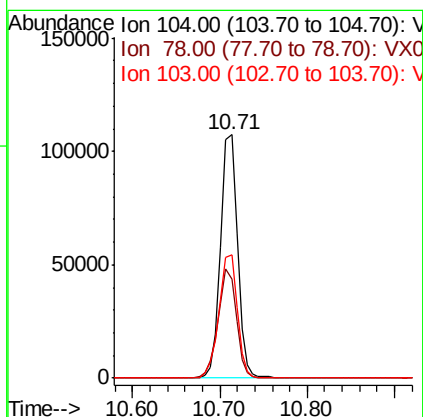
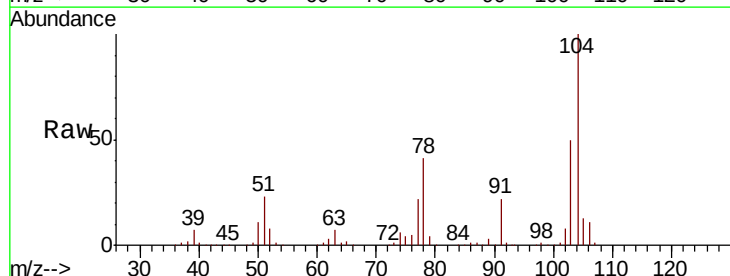
Instrument :
MSVOA_X
ClientSampleId :
VX0307WBSD02

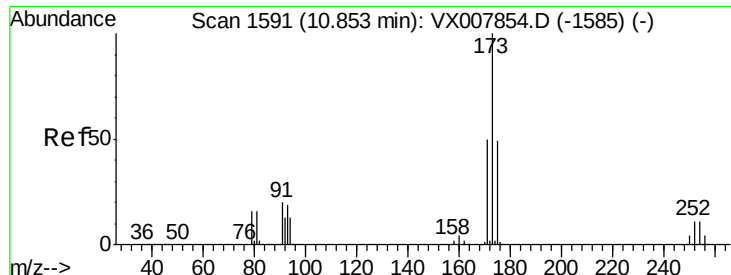
Tgt Ion:106 Resp: 87153
Ion Ratio Lower Upper
106 100
91 212.5 106.3 318.9



#70
Styrene
Concen: 20.185 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007902.D
Acq: 08 Mar 2019 00:17

Tgt Ion:104 Resp: 143843
Ion Ratio Lower Upper
104 100
78 48.5 38.5 57.7
103 55.2 44.1 66.1

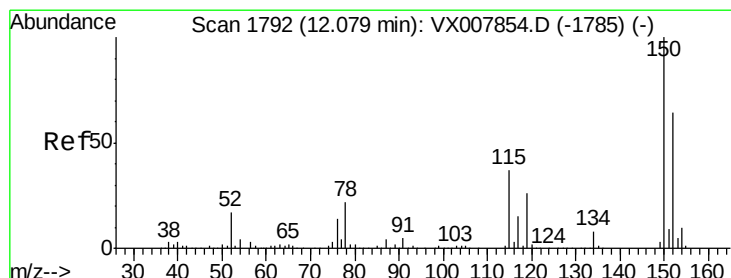
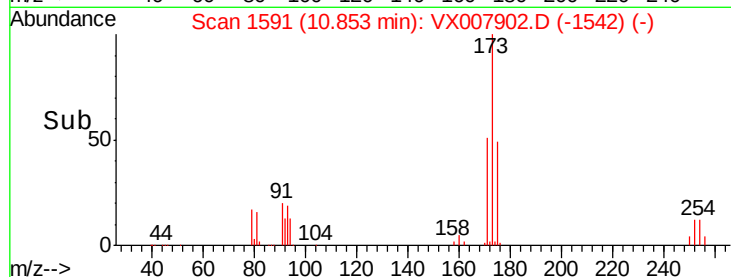
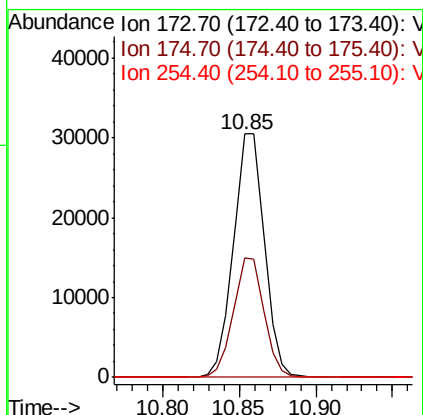
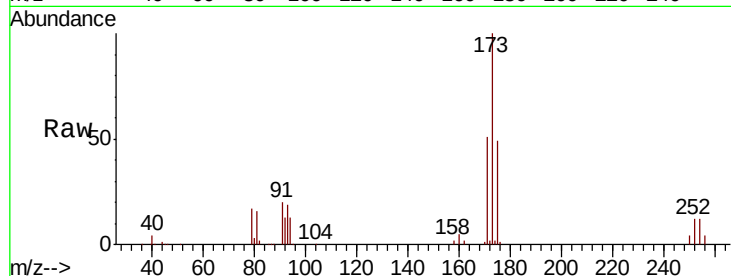




#71
Bromoform
Concen: 19.589 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX007902.D
Acq: 08 Mar 2019 00:17

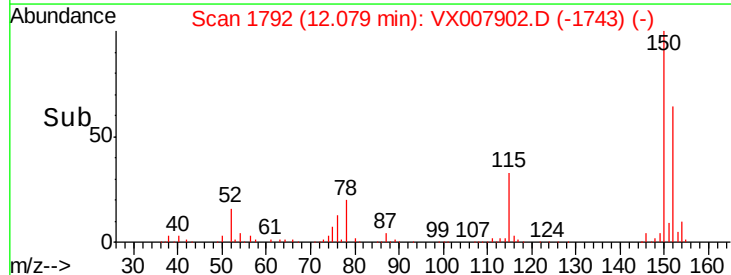
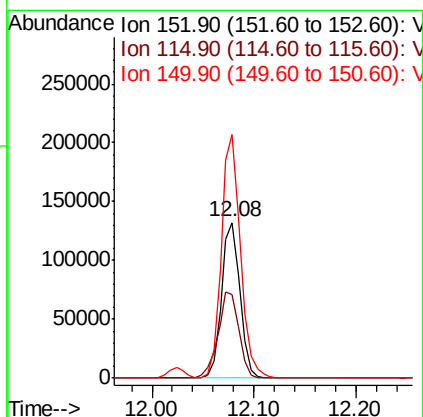
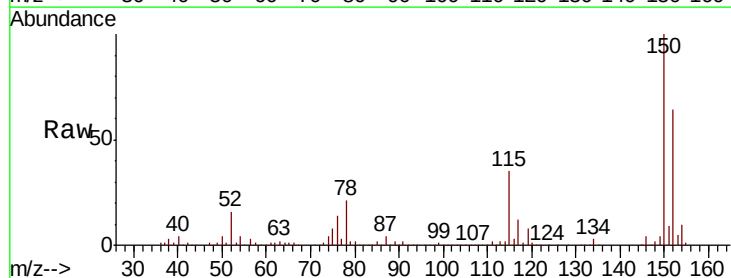
Instrument :
MSVOA_X
ClientSampleId :
VX0307WBSD02

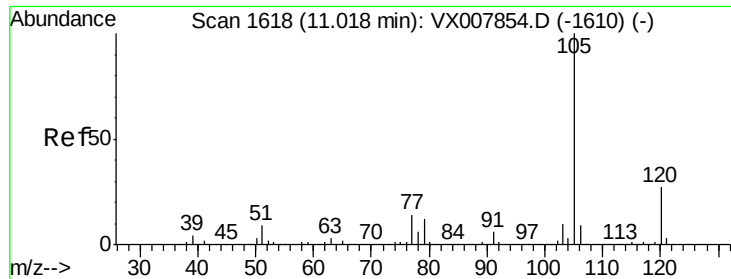
Tgt Ion:173 Resp: 42863
Ion Ratio Lower Upper
173 100
175 48.6 24.3 72.9
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX007902.D
Acq: 08 Mar 2019 00:17

Tgt Ion:152 Resp: 165657
Ion Ratio Lower Upper
152 100
115 63.3 38.6 115.7
150 162.5 0.0 348.4

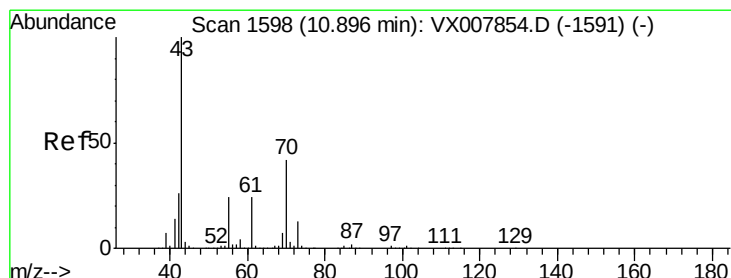
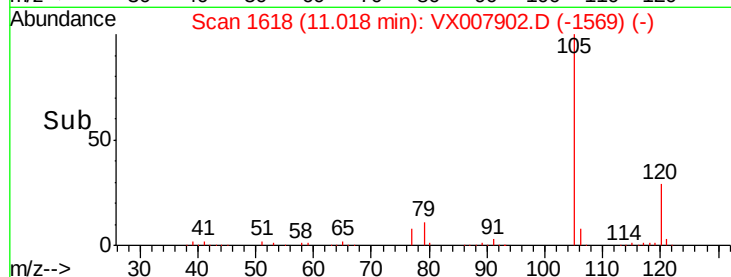
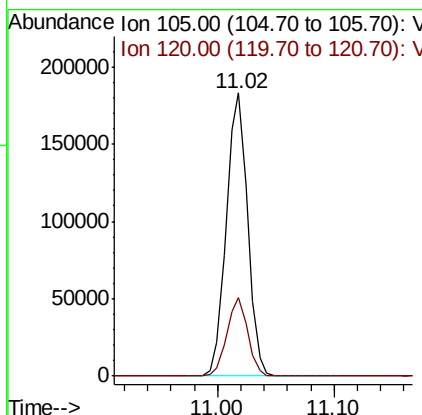
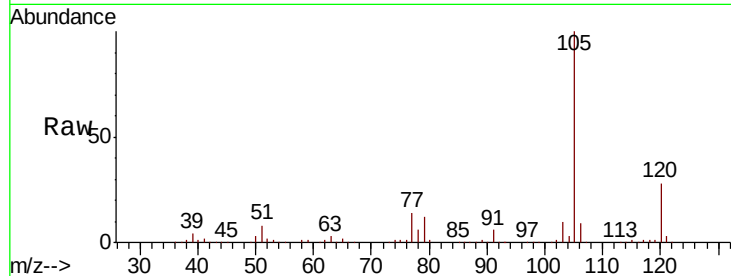




#73
Isopropylbenzene
Concen: 20.699 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX007902.D
Acq: 08 Mar 2019 00:17

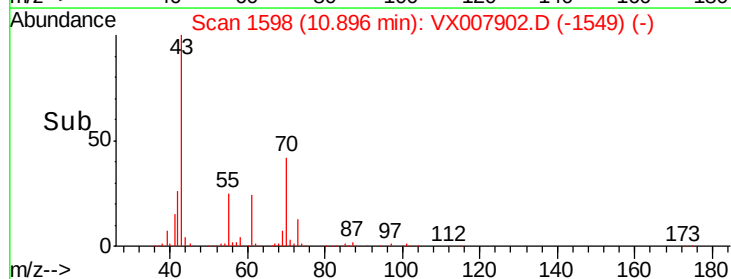
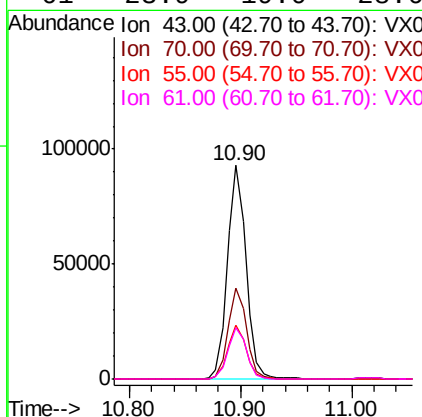
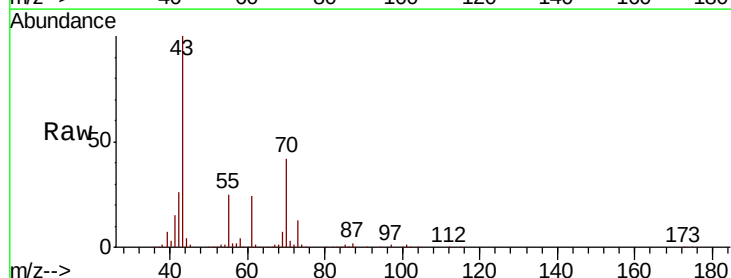
Instrument :
MSVOA_X
ClientSampleId :
VX0307WBSD02

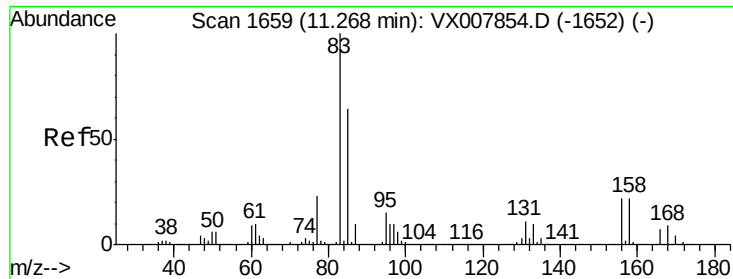
Tgt Ion: 105 Resp: 231907
Ion Ratio Lower Upper
105 100
120 26.9 13.4 40.1



#74
N-ethyl acetate
Concen: 21.107 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VX007902.D
Acq: 08 Mar 2019 00:17

Tgt Ion: 43 Resp: 107955
Ion Ratio Lower Upper
43 100
70 42.3 33.5 50.3
55 25.1 19.2 28.8
61 23.9 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 21.139 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007902.D

Acq: 08 Mar 2019 00:17

Instrument :

MSVOA_X

ClientSampleId :

VX0307WBSD02

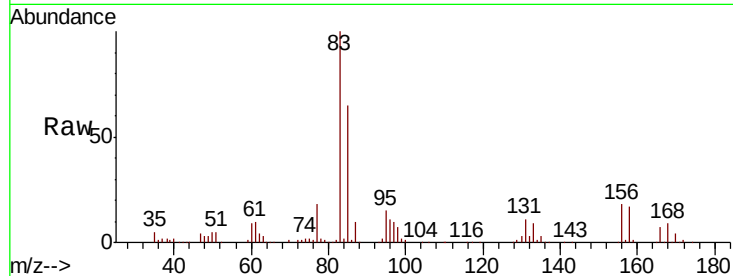
Tgt Ion: 83 Resp: 81693

Ion Ratio Lower Upper

83 100

131 10.8 5.4 16.2

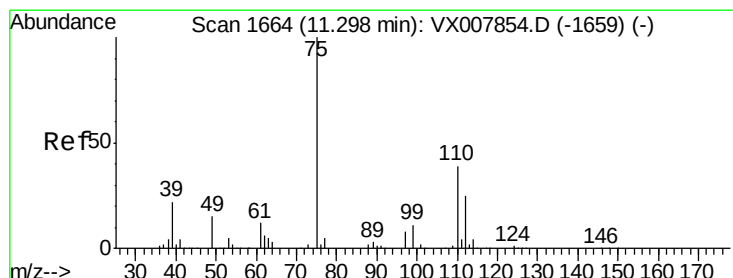
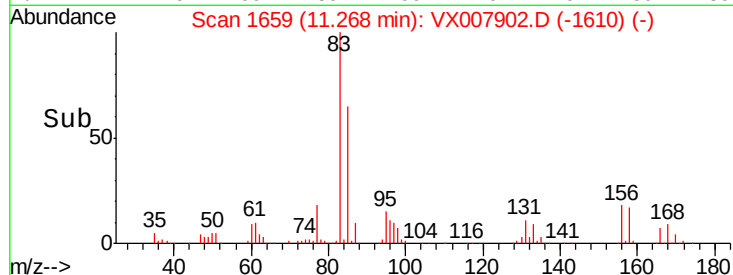
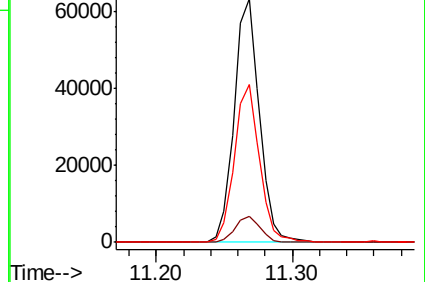
85 64.2 32.3 96.8



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: 25.214 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX007902.D

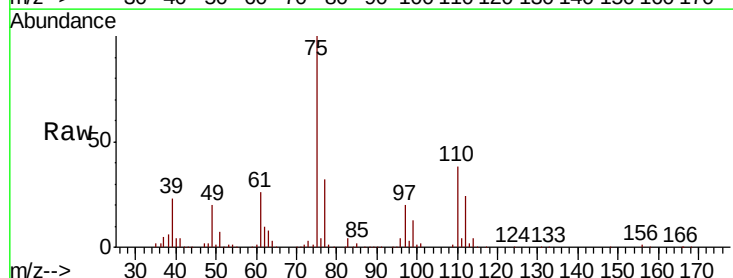
Acq: 08 Mar 2019 00:17

Tgt Ion: 75 Resp: 87647

Ion Ratio Lower Upper

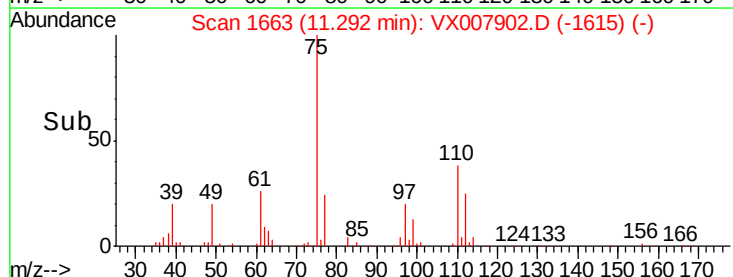
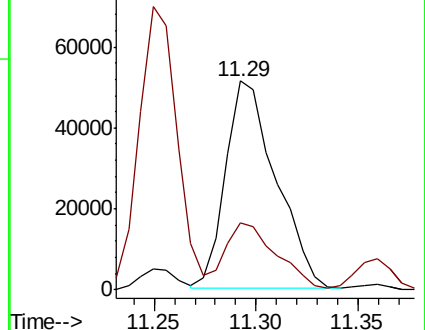
75 100

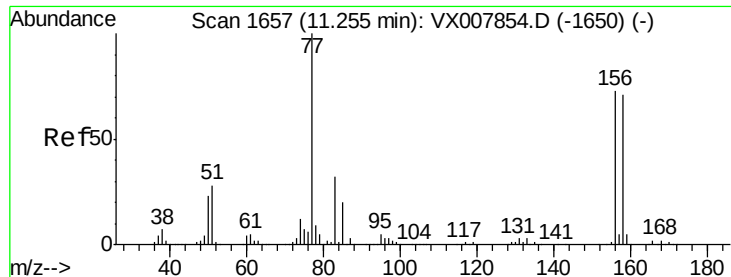
77 32.9 18.9 56.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.480 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007902.D

Acq: 08 Mar 2019 00:17

Instrument :

MSVOA_X

ClientSampleId :

VX0307WBSD02

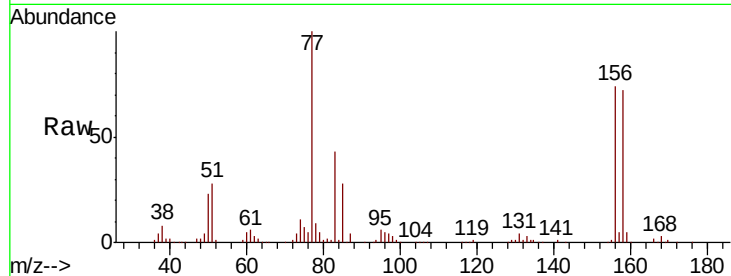
Tgt Ion:156 Resp: 62907

Ion Ratio Lower Upper

156 100

77 143.8 72.0 215.9

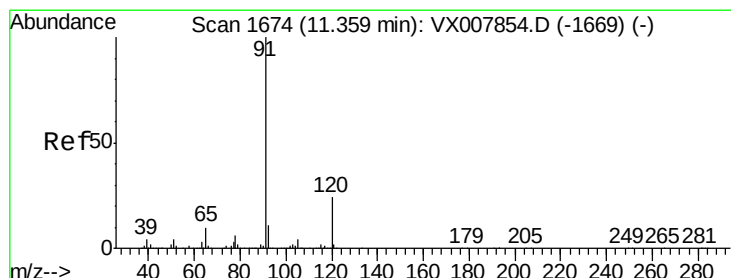
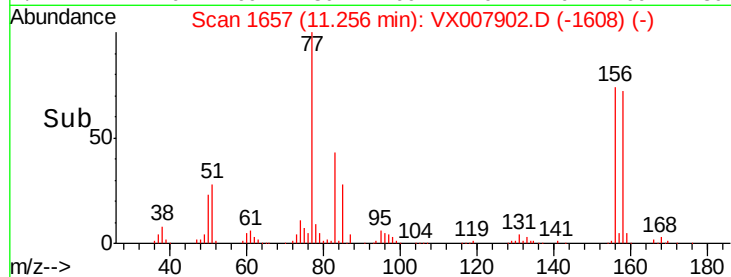
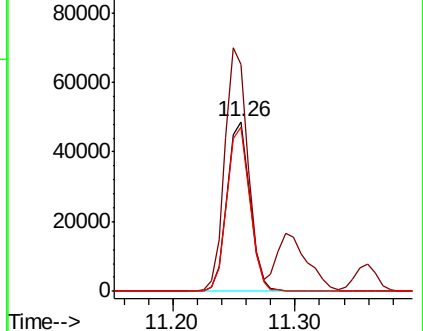
158 97.0 48.6 145.9



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: 20.587 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007902.D

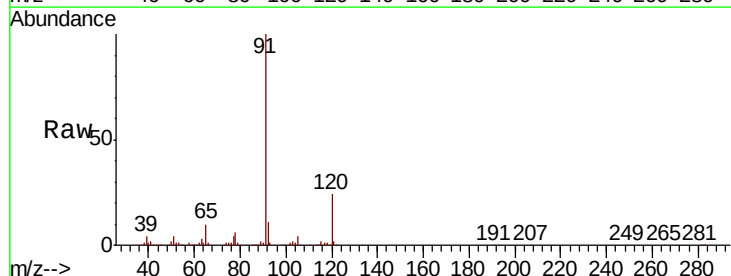
Acq: 08 Mar 2019 00:17

Tgt Ion: 91 Resp: 255881

Ion Ratio Lower Upper

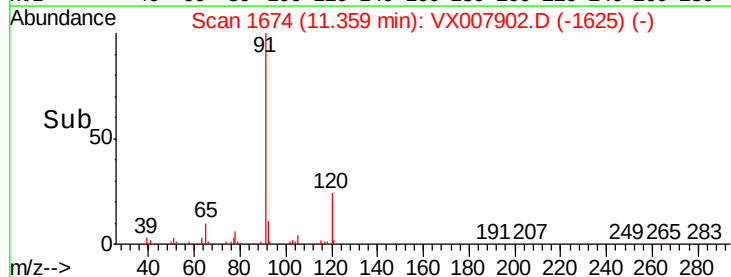
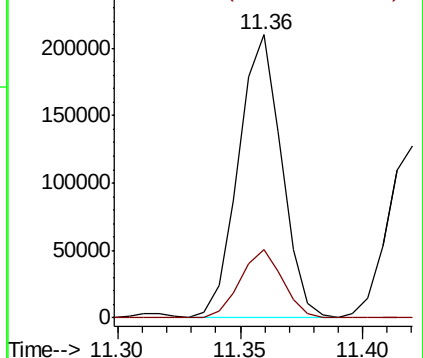
91 100

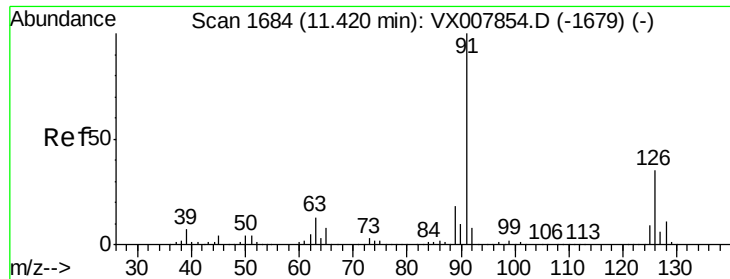
120 23.9 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

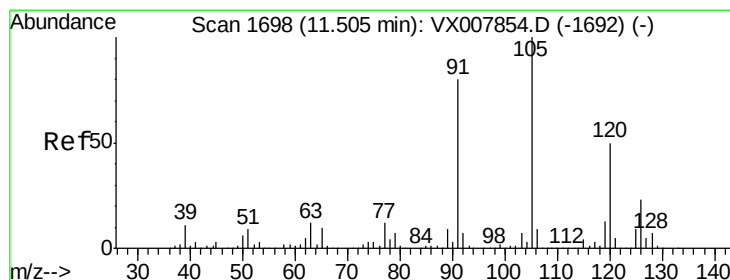
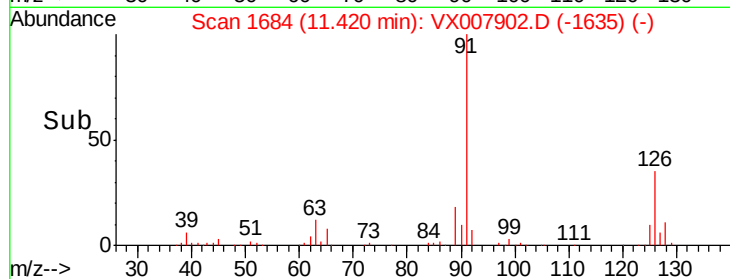
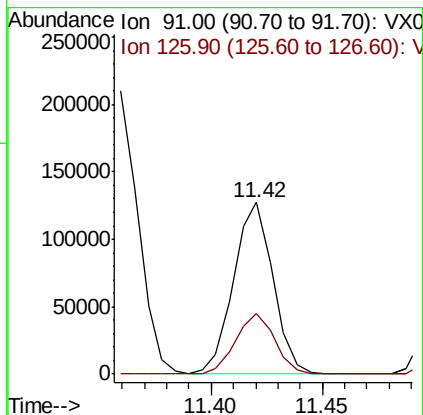
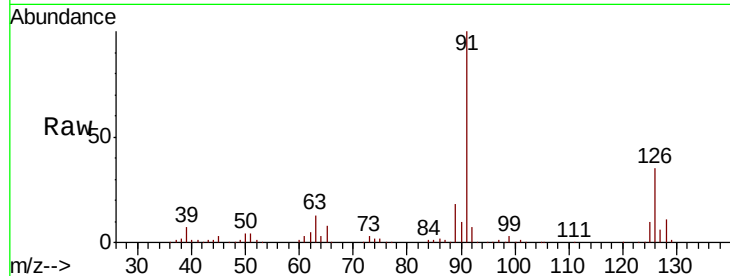




#79
 2-Chlorotoluene
 Concen: 20.553 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX007902.D
 Acq: 08 Mar 2019 00:17

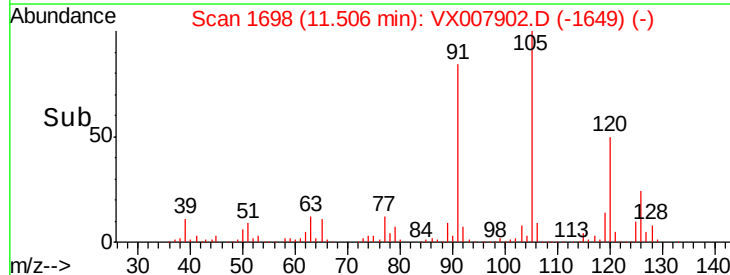
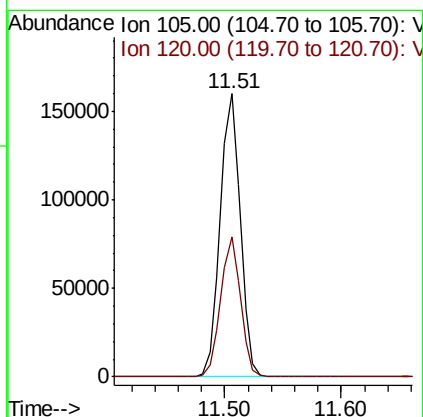
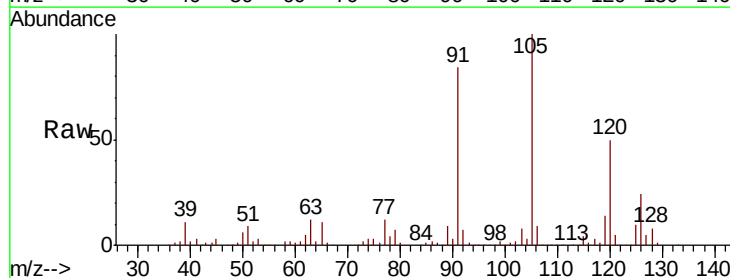
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0307WBSD02

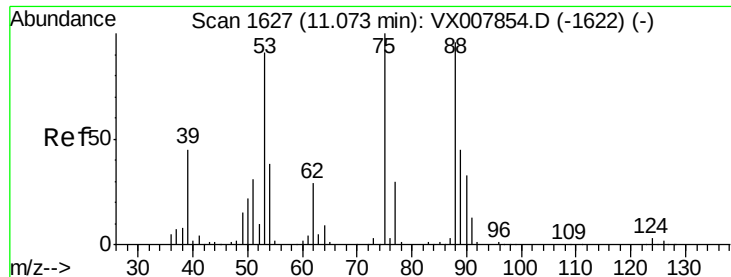
Tgt Ion: 91 Resp: 156189
 Ion Ratio Lower Upper
 91 100
 126 35.5 17.5 52.6



#80
 1,3,5-Trimethylbenzene
 Concen: 20.665 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX007902.D
 Acq: 08 Mar 2019 00:17

Tgt Ion: 105 Resp: 190555
 Ion Ratio Lower Upper
 105 100
 120 49.0 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 17.964 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007902.D

Acq: 08 Mar 2019 00:17

Instrument :

MSVOA_X

ClientSampleId :

VX0307WBSD02

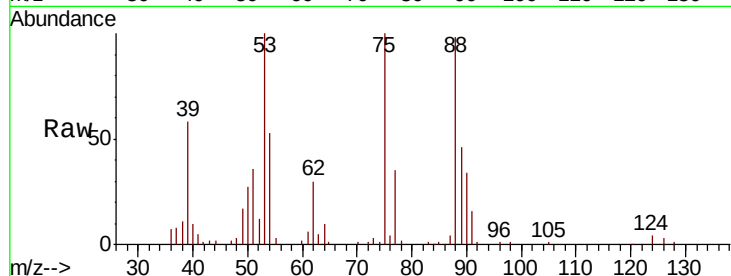
Tgt Ion: 75 Resp: 19536

Ion Ratio Lower Upper

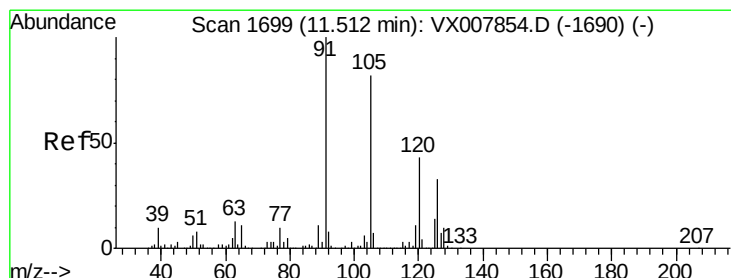
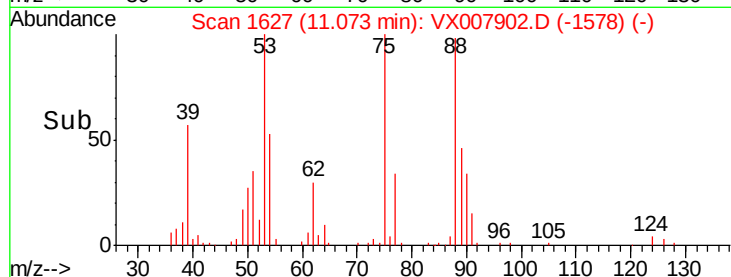
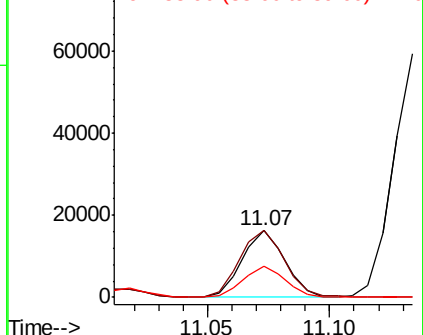
75 100

53 105.7 76.1 114.1

89 46.4 36.3 54.5



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



#82

4-Chlorotoluene

Concen: 20.318 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX007902.D

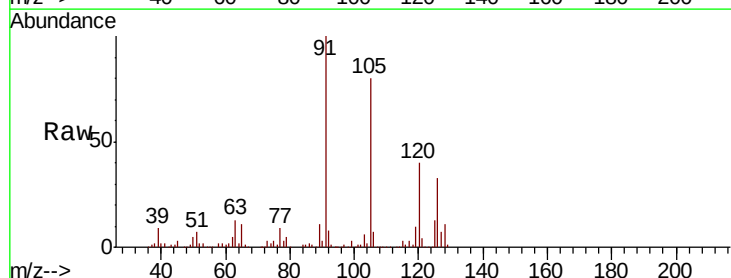
Acq: 08 Mar 2019 00:17

Tgt Ion: 91 Resp: 176952

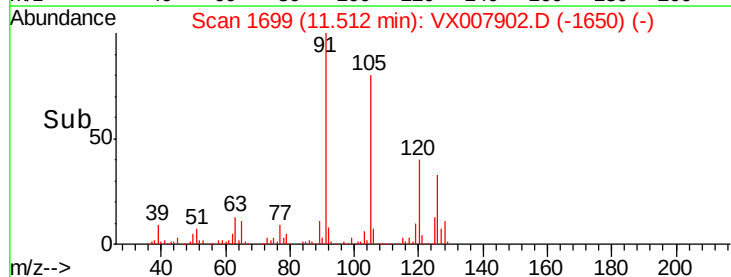
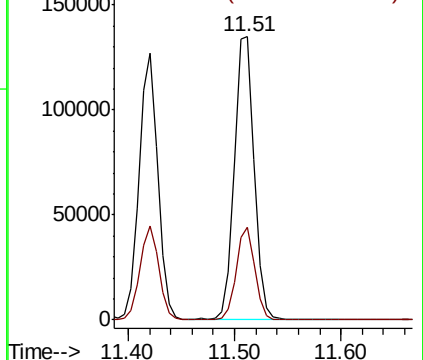
Ion Ratio Lower Upper

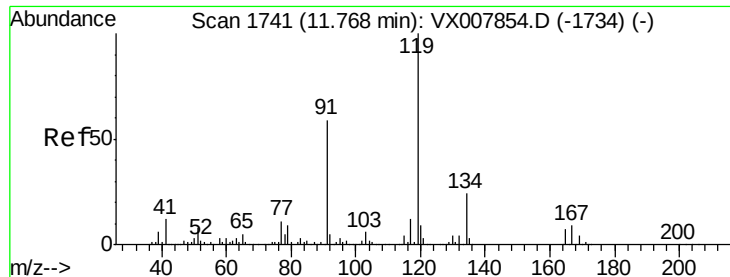
91 100

126 30.9 15.6 46.8



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

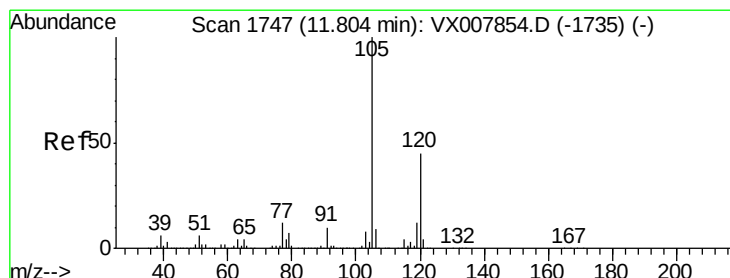
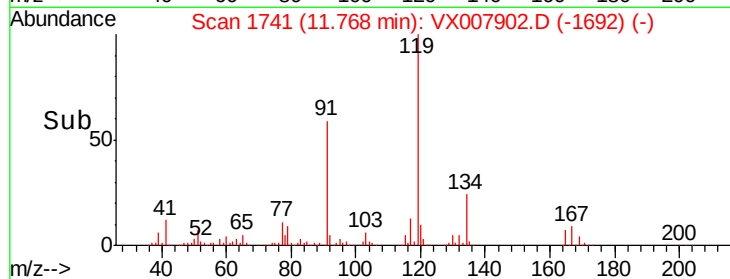
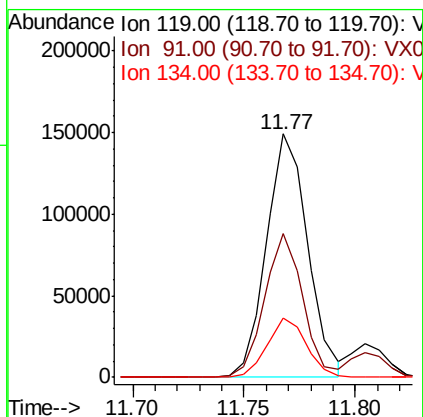
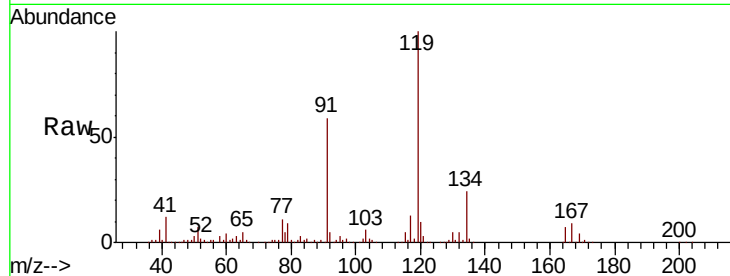




#83
 tert-Butylbenzene
 Concen: 20.681 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX007902.D
 Acq: 08 Mar 2019 00:17

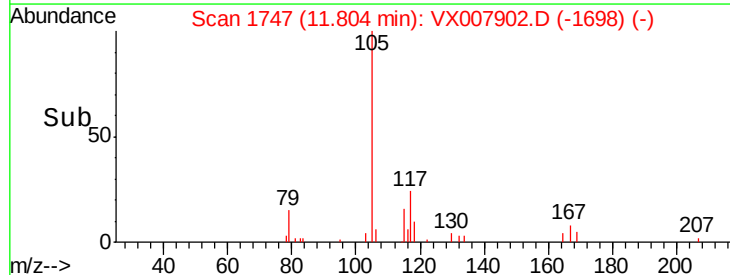
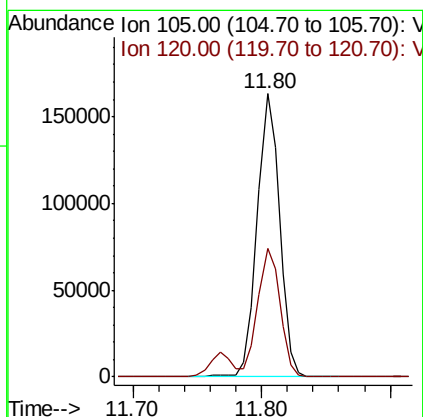
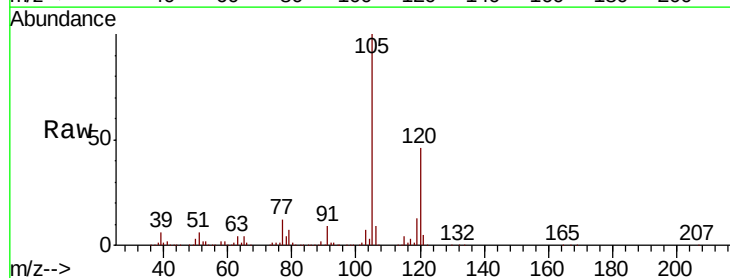
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0307WBSD02

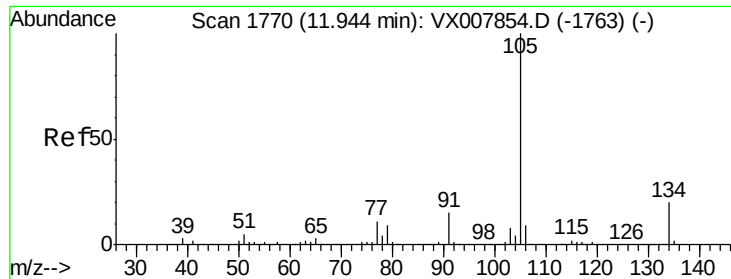
Tgt Ion:119 Resp: 192096
 Ion Ratio Lower Upper
 119 100
 91 54.9 27.1 81.3
 134 23.3 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 20.647 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX007902.D
 Acq: 08 Mar 2019 00:17

Tgt Ion:105 Resp: 195175
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.6 67.7

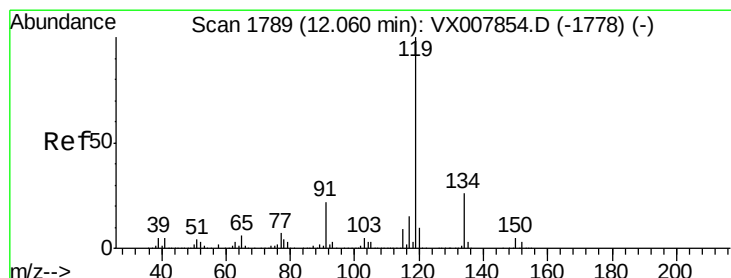
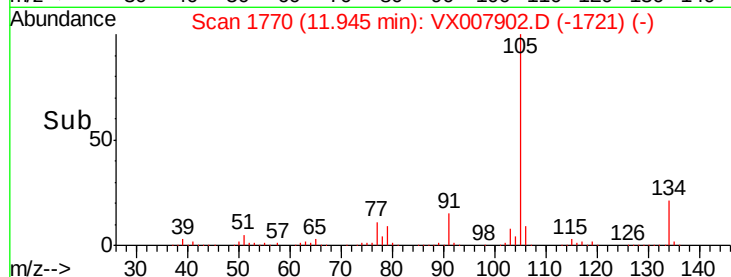
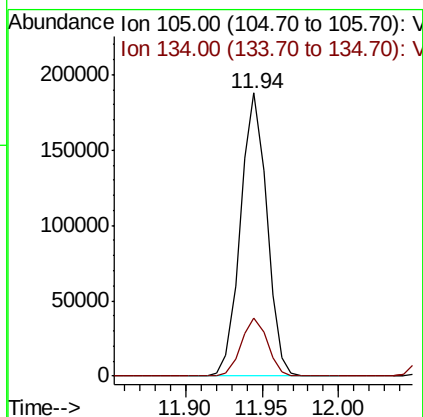
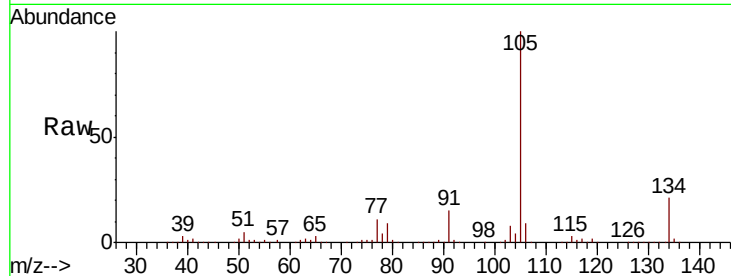




#85
 sec-Butylbenzene
 Concen: 20.488 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX007902.D
 Acq: 08 Mar 2019 00:17

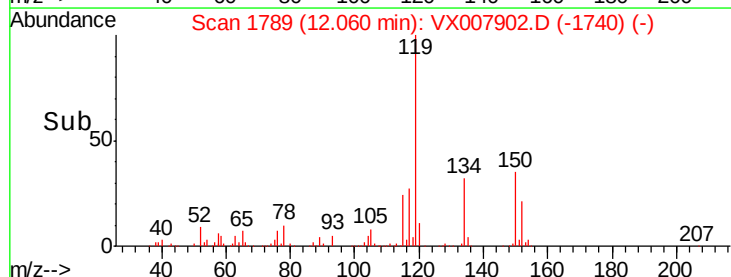
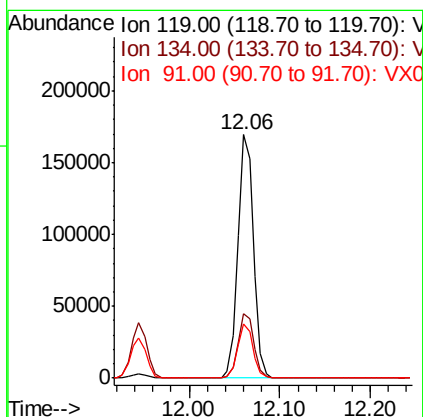
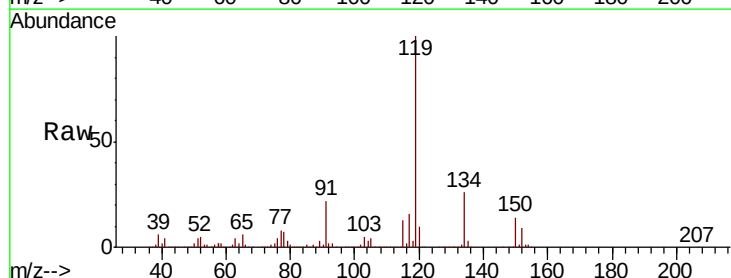
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0307WBSD02

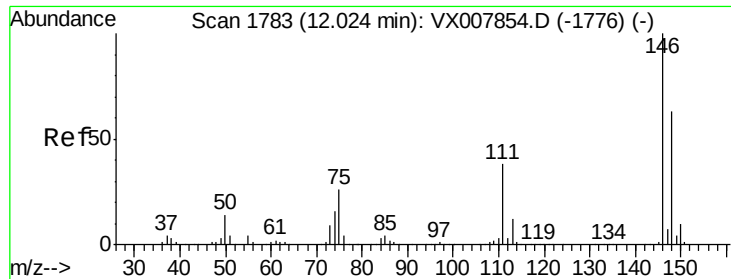
Tgt Ion:105 Resp: 224125
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 20.523 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX007902.D
 Acq: 08 Mar 2019 00:17

Tgt Ion:119 Resp: 201064
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.3 39.9
 91 22.1 10.9 32.7

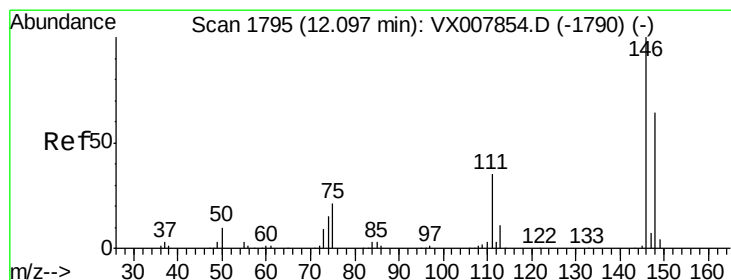
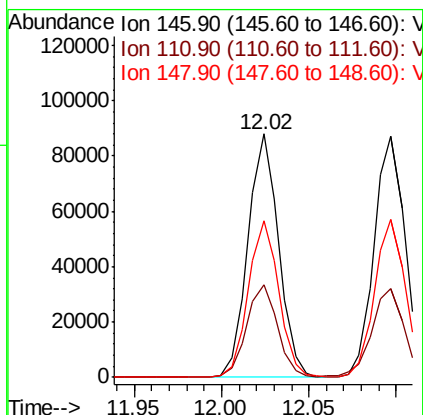
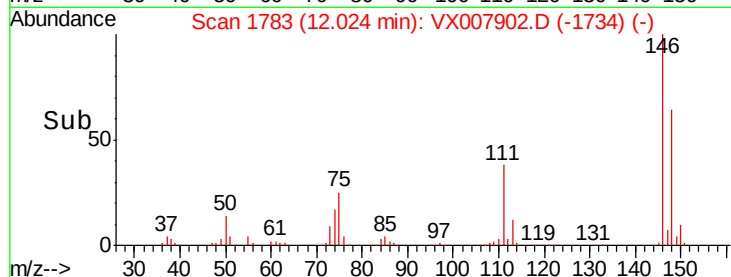
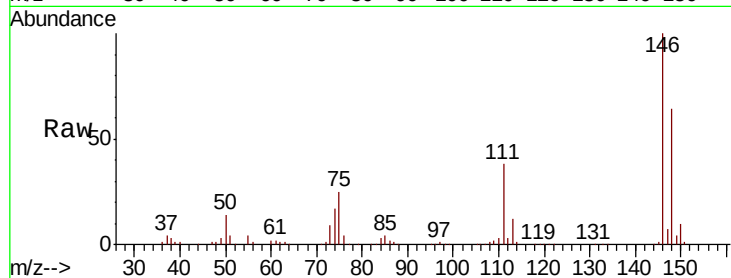




#87
 1,3-Dichlorobenzene
 Concen: 19.765 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX007902.D
 Acq: 08 Mar 2019 00:17

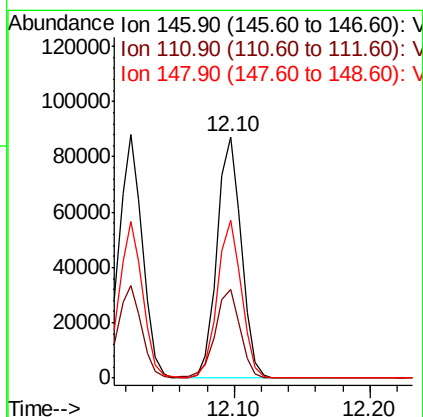
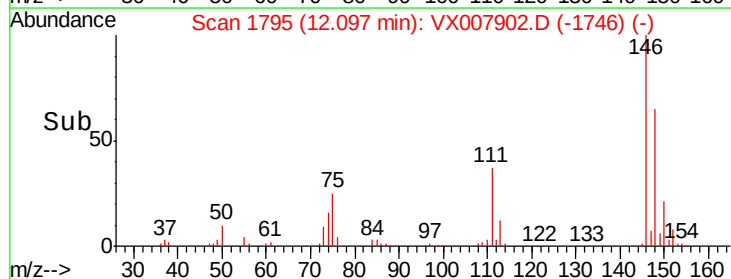
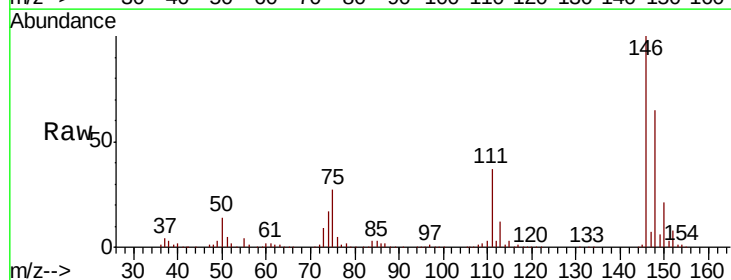
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0307WBSD02

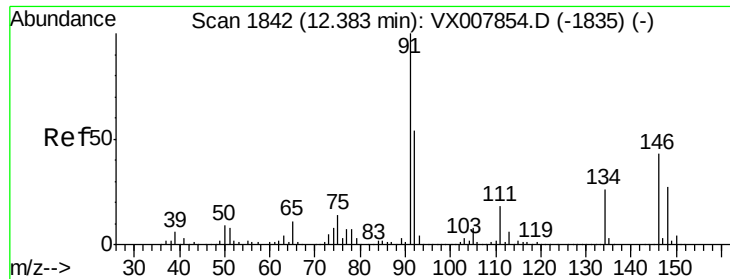
Tgt Ion:146 Resp: 107404
 Ion Ratio Lower Upper
 146 100
 111 38.2 18.9 56.7
 148 64.2 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 19.377 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX007902.D
 Acq: 08 Mar 2019 00:17

Tgt Ion:146 Resp: 107836
 Ion Ratio Lower Upper
 146 100
 111 38.0 18.4 55.0
 148 65.0 32.2 96.6

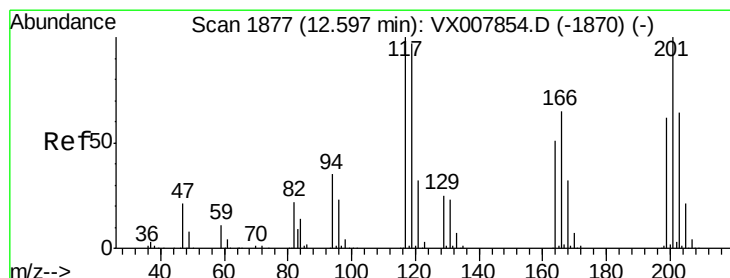
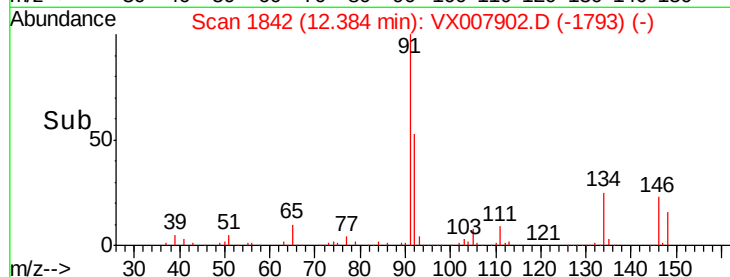
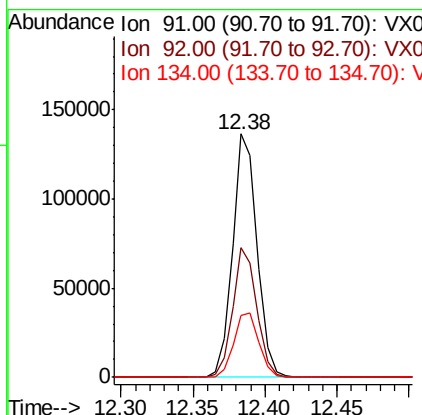
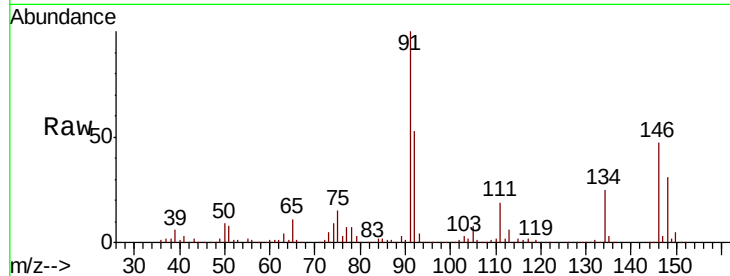




#89
n-Butylbenzene
Concen: 19.590 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX007902.D
Acq: 08 Mar 2019 00:17

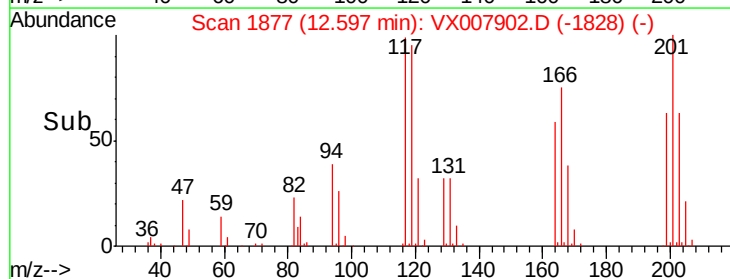
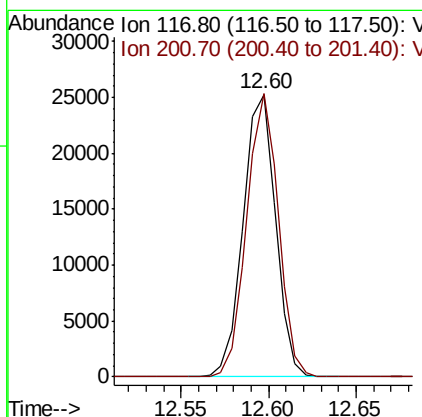
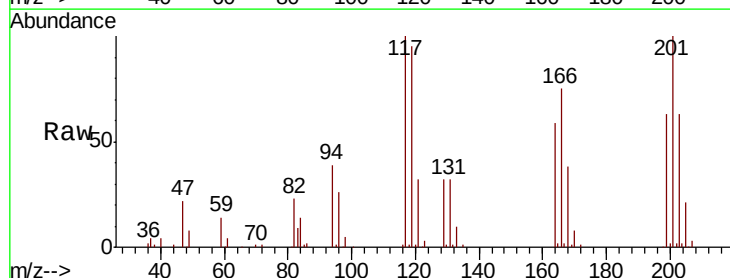
Instrument :
MSVOA_X
ClientSampleId :
VX0307WBSD02

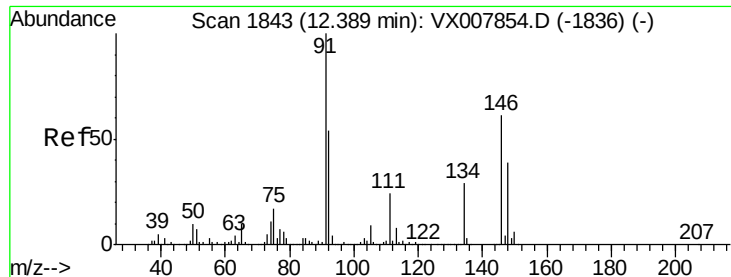
Tgt Ion: 91 Resp: 162600
Ion Ratio Lower Upper
91 100
92 52.3 27.0 80.8
134 27.1 13.7 41.0



#90
Hexachloroethane
Concen: 19.977 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007902.D
Acq: 08 Mar 2019 00:17

Tgt Ion: 117 Resp: 32723
Ion Ratio Lower Upper
117 100
201 97.7 48.9 146.7

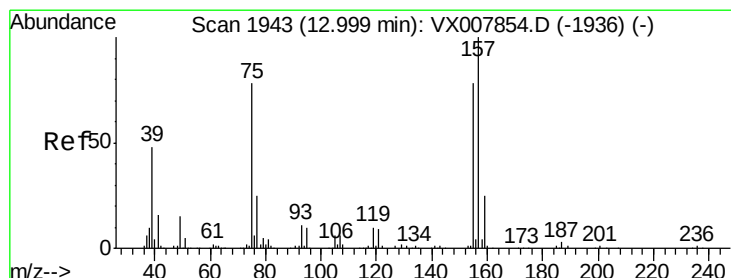
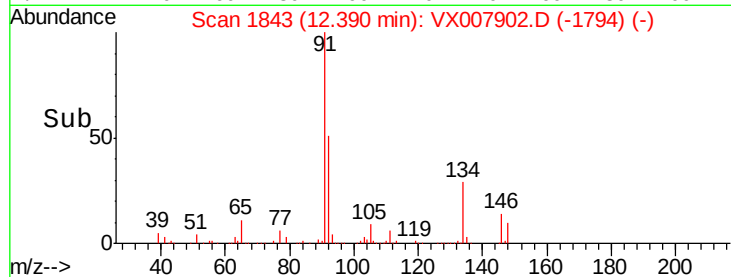
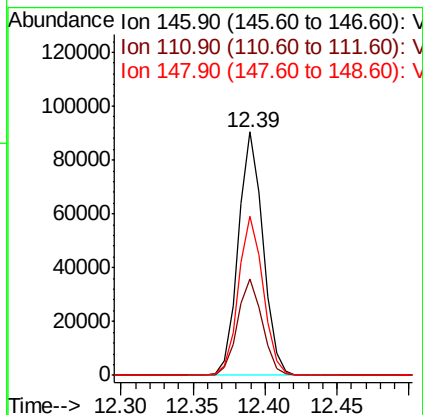
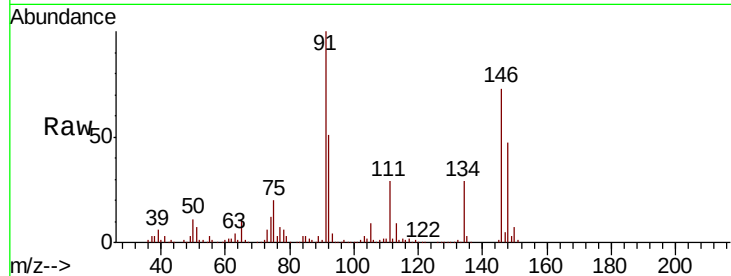




#91
 1,2-Dichlorobenzene
 Concen: 19.959 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX007902.D
 Acq: 08 Mar 2019 00:17

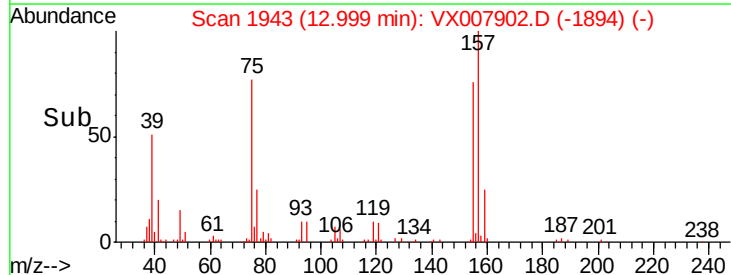
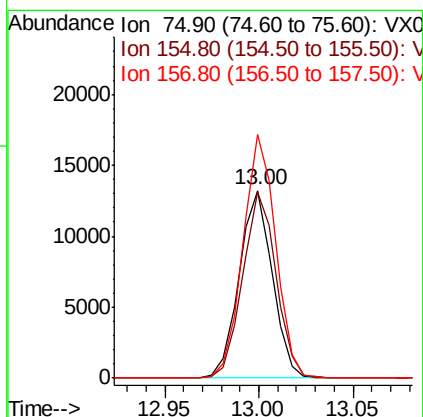
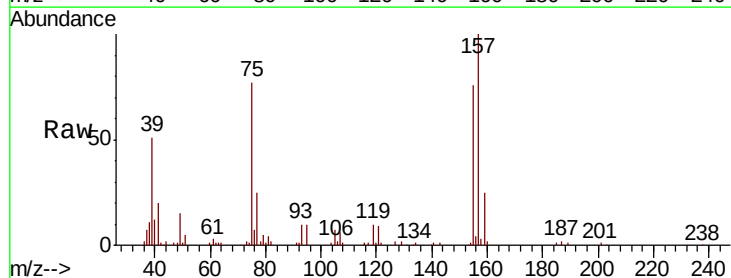
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0307WBSD02

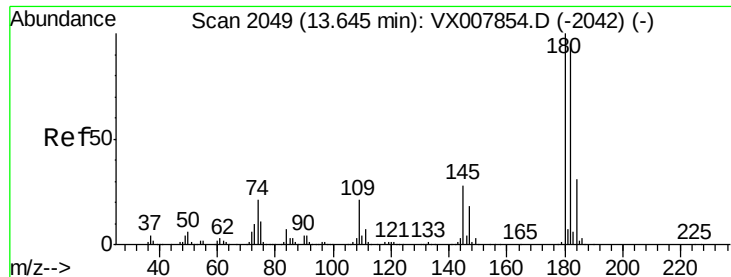
Tgt Ion:146 Resp: 107746
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.6 58.8
 148 65.5 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.928 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX007902.D
 Acq: 08 Mar 2019 00:17

Tgt Ion: 75 Resp: 16095
 Ion Ratio Lower Upper
 75 100
 155 99.9 49.7 149.1
 157 128.2 63.8 191.4

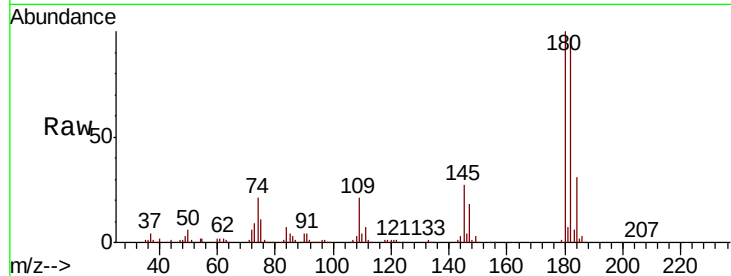




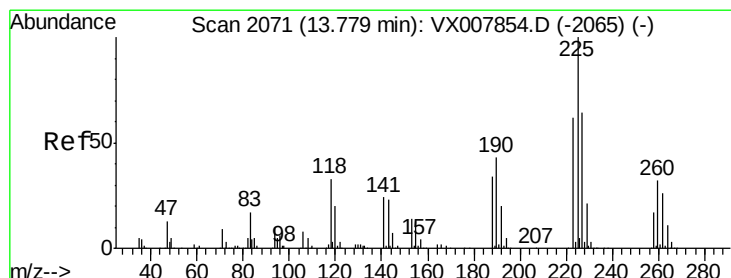
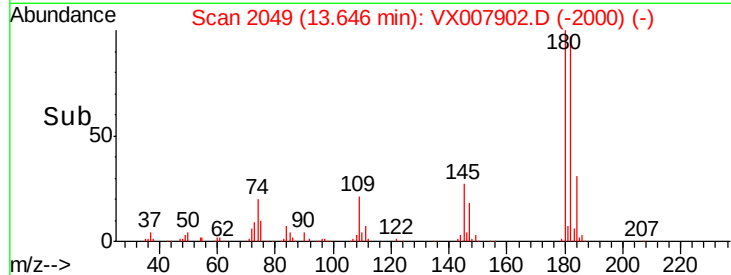
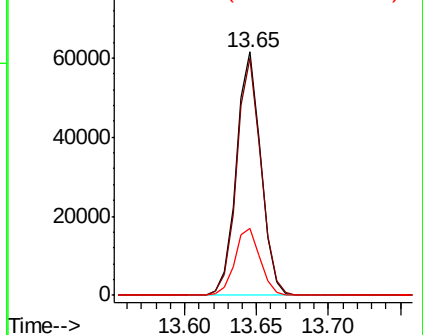
#93
 1,2,4-Trichlorobenzene
 Concen: 19.253 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007902.D
 Acq: 08 Mar 2019 00:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0307WBSD02

Tgt Ion:180 Resp: 73016
 Ion Ratio Lower Upper
 180 100
 182 96.8 47.9 143.7
 145 28.2 14.1 42.4

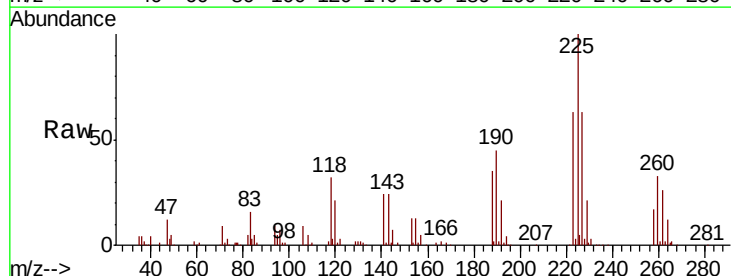


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

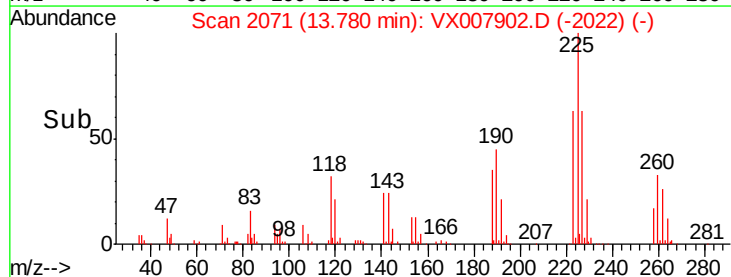
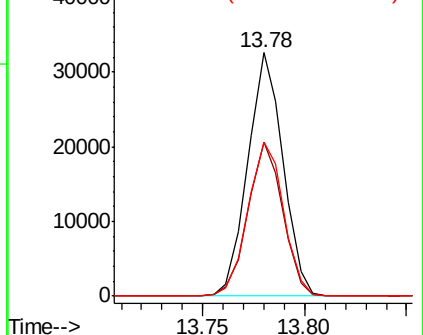


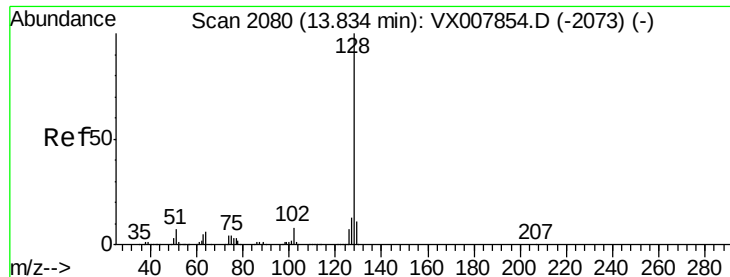
#94
 Hexachlorobutadiene
 Concen: 19.738 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007902.D
 Acq: 08 Mar 2019 00:17

Tgt Ion:225 Resp: 39136
 Ion Ratio Lower Upper
 225 100
 223 62.5 31.1 93.2
 227 64.3 32.0 96.0



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





#95

Naphthalene

Concen: 20.111 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX007902.D

Acq: 08 Mar 2019 00:17

Instrument :

MSVOA_X

ClientSampleId :

VX0307WBSD02

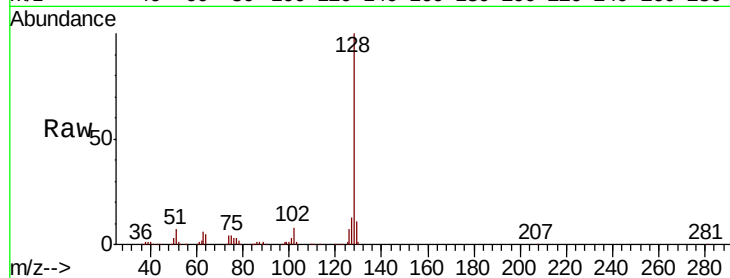
Tgt Ion:128 Resp: 219753

Ion Ratio Lower Upper

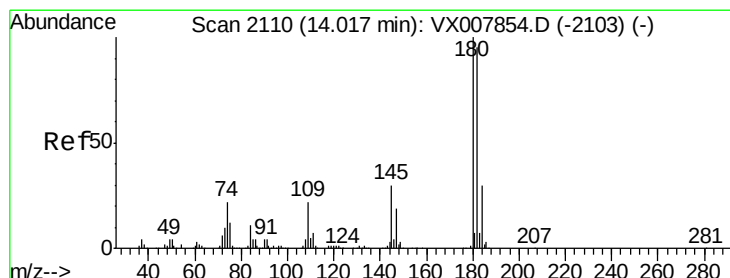
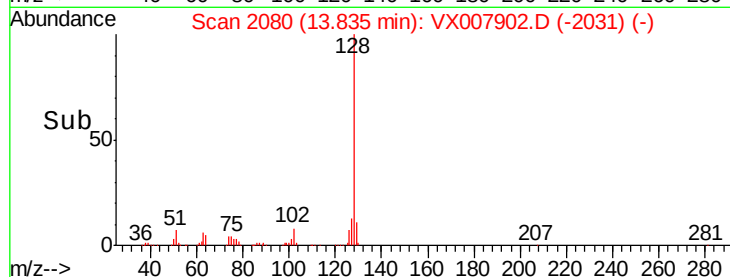
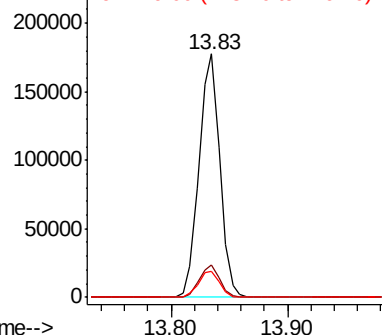
128 100

127 12.8 10.3 15.5

129 11.0 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: 19.642 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX007902.D

Acq: 08 Mar 2019 00:17

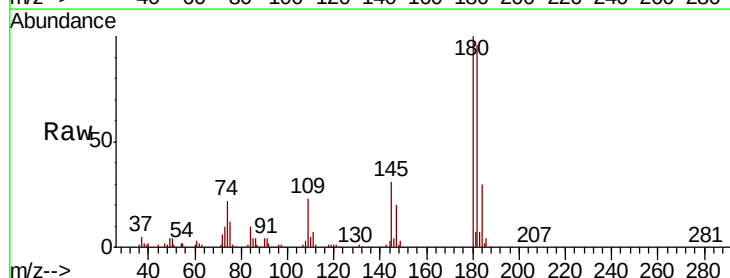
Tgt Ion:180 Resp: 74205

Ion Ratio Lower Upper

180 100

182 95.7 47.5 142.5

145 29.9 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

