

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX030619\
 Data File : VX007853.D
 Acq On : 06 Mar 2019 10:34
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Quant Time: Mar 07 07:03:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 06:50:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	316211	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	459358	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	403594	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	199754	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	65493	19.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.26%	
35) Dibromofluoromethane	5.51	113	57213	19.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.94%	
50) Toluene-d8	8.71	98	210852	19.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.08%	
62) 4-Bromofluorobenzene	11.13	95	73859	19.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.04%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	52240	19.337	ug/l	99
3) Chloromethane	1.33	50	66195	19.013	ug/l	98
4) Vinyl Chloride	1.41	62	67040	19.380	ug/l	98
5) Bromomethane	1.64	94	34962	16.621	ug/l	97
6) Chloroethane	1.73	64	43378	18.876	ug/l	99
7) Trichlorofluoromethane	1.93	101	86546	19.216	ug/l	98
8) Diethyl Ether	2.20	74	37675	19.317	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	52915	18.959	ug/l	99
10) Methyl Iodide	2.52	142	77483	19.569	ug/l	100
11) Tert butyl alcohol	3.07	59	73392	98.383	ug/l	100
12) 1,1-Dichloroethene	2.38	96	51096	18.992	ug/l	98
13) Acrolein	2.30	56	39245	87.123	ug/l	99
14) Allyl chloride	2.73	41	109276	19.330	ug/l	100
15) Acrylonitrile	3.15	53	180043	95.619	ug/l	100
16) Acetone	2.45	43	218254	113.042	ug/l	100
17) Carbon Disulfide	2.57	76	163326	18.081	ug/l	100
18) Methyl Acetate	2.78	43	78610	19.165	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	180440	19.495	ug/l	99
20) Methylene Chloride	2.86	84	57776	18.802	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	55264	18.669	ug/l	98
22) Diisopropyl ether	3.87	45	202257	19.517	ug/l	96
23) Vinyl Acetate	3.82	43	892841	98.248	ug/l	100
24) 1,1-Dichloroethane	3.70	63	108877	19.523	ug/l	99
25) 2-Butanone	4.70	43	284060	103.921	ug/l	99
26) 2,2-Dichloropropane	4.59	77	70829	19.170	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	64587	19.067	ug/l	99
28) Bromochloromethane	5.03	49	53002	20.386	ug/l	100
29) Tetrahydrofuran	5.15	42	166774	97.814	ug/l	99
30) Chloroform	5.22	83	103303	19.582	ug/l	100
31) Cyclohexane	5.58	56	99450	19.403	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	85381	19.507	ug/l	99
36) 1,1-Dichloropropene	5.80	75	79368	19.082	ug/l	99
37) Ethyl Acetate	4.85	43	94231	19.091	ug/l	99
38) Carbon Tetrachloride	5.79	117	76494	19.371	ug/l	99

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Quant Time: Mar 07 07:03:14 2019
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	97810	19.407	ug/l	100
40) Benzene	6.15	78	240422	19.416	ug/l	99
41) Methacrylonitrile	5.06	41	52737	19.597	ug/l	98
42) 1,2-Dichloroethane	6.20	62	79216	19.562	ug/l	99
43) Isopropyl Acetate	6.46	43	141088	19.314	ug/l	100
44) Trichloroethene	7.21	130	64760	18.978	ug/l	97
45) 1,2-Dichloropropane	7.52	63	65107	19.907	ug/l	100
46) Dibromomethane	7.66	93	40376	19.508	ug/l	99
47) Bromodichloromethane	7.90	83	77326	19.705	ug/l	98
48) Methyl methacrylate	7.77	41	74695	19.448	ug/l	100
49) 1,4-Dioxane	7.75	88	29929	379.348	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	475792	101.278	ug/l	99
52) Toluene	8.79	92	147198	19.471	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	79252	19.350	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	90612	19.591	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	60486	19.764	ug/l	99
56) Ethyl methacrylate	9.18	69	92453	20.120	ug/l	99
57) 1,3-Dichloropropane	9.37	76	102183	19.886	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	234694	98.741	ug/l	100
59) 2-Hexanone	9.49	43	375062	102.832	ug/l	99
60) Dibromochloromethane	9.58	129	64138	20.051	ug/l	100
61) 1,2-Dibromoethane	9.67	107	63491	19.540	ug/l	100
64) Tetrachloroethene	9.34	164	62761	18.765	ug/l	99
65) Chlorobenzene	10.14	112	161695	19.146	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	59138	19.538	ug/l	100
67) Ethyl Benzene	10.25	91	268498	19.313	ug/l	99
68) m/p-Xylenes	10.36	106	209683	39.130	ug/l	100
69) o-Xylene	10.70	106	100605	19.447	ug/l	100
70) Styrene	10.71	104	166954	19.721	ug/l	100
71) Bromoform	10.86	173	50725	19.514	ug/l #	99
73) Isopropylbenzene	11.02	105	271030	20.062	ug/l	100
74) N-amyl acetate	10.90	43	122027	19.785	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	91770	19.693	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	104360	24.692	ug/l	91
77) Bromobenzene	11.26	156	72172	19.486	ug/l	99
78) n-propylbenzene	11.36	91	298469	19.915	ug/l	100
79) 2-Chlorotoluene	11.42	91	180131	19.657	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	222369	19.999	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	25341	19.325	ug/l	94
82) 4-Chlorotoluene	11.51	91	204855	19.507	ug/l	100
83) tert-Butylbenzene	11.77	119	220668	19.702	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	227968	20.000	ug/l	100
85) sec-Butylbenzene	11.94	105	265204	20.105	ug/l	99
86) p-Isopropyltoluene	12.06	119	234832	19.878	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	126324	19.278	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	126320	18.809	ug/l	99
89) n-Butylbenzene	12.39	91	193586	19.342	ug/l	99
90) Hexachloroethane	12.60	117	38659	19.572	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	126290	19.401	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	19041	19.551	ug/l	98

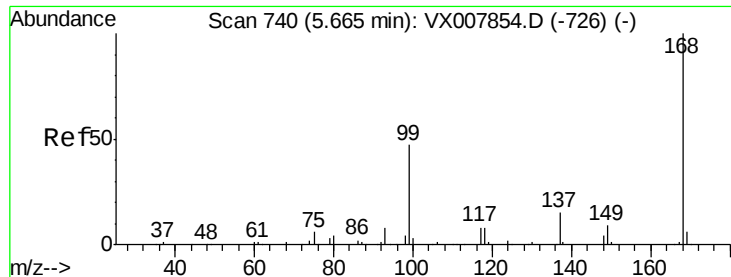
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX030619\
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Quant Title : SW846 8260
QLast Update : Thu Mar 07 06:50:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	86794	18.980	ug/l	99
94) Hexachlorobutadiene	13.78	225	45842	19.174	ug/l	99
95) Naphthalene	13.83	128	254225	19.294	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	87554	19.220	ug/l	100

(#) = 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: VX007853.D

Acq: 06 Mar 2019 10:34

Instrument :

MSVOA_X

ClientSampleId :

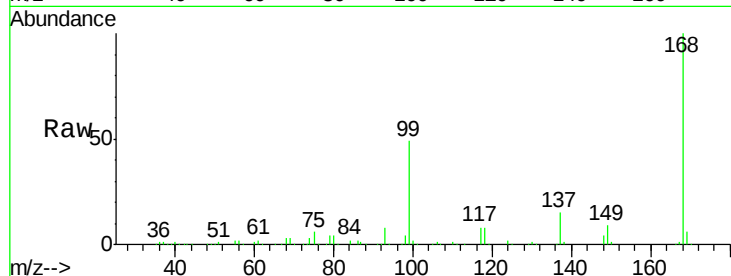
VSTDIC020

Tgt Ion:168 Resp: 316211

Ion Ratio Lower Upper

168 100

99 48.5 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

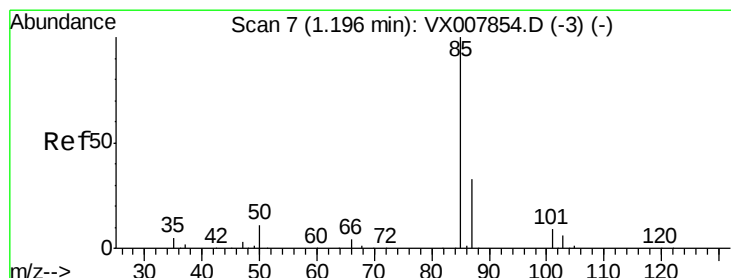
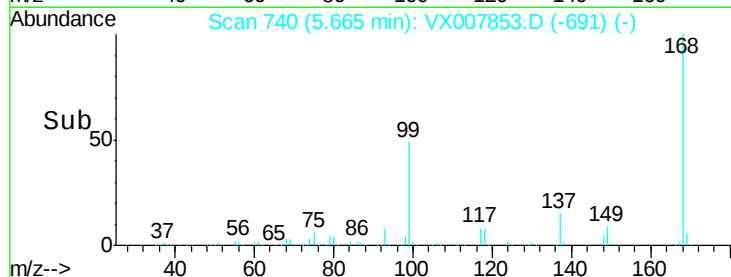
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.337 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX007853.D

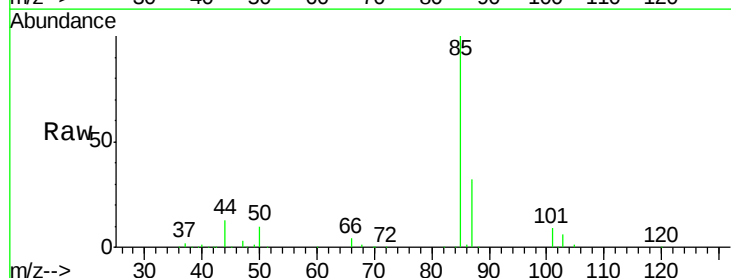
Acq: 06 Mar 2019 10:34

Tgt Ion: 85 Resp: 52240

Ion Ratio Lower Upper

85 100

87 32.0 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

50000

40000

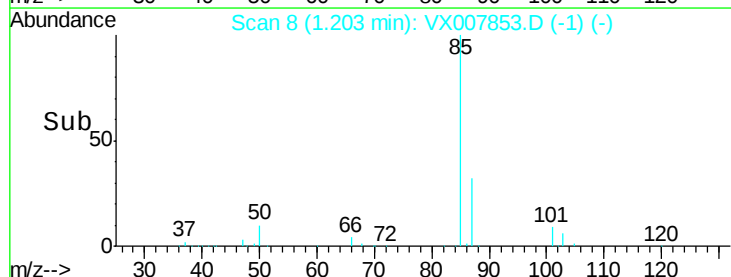
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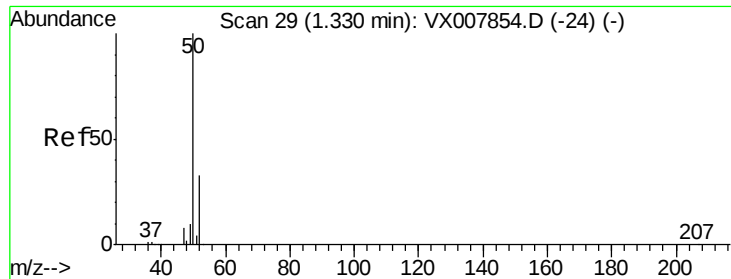
20000

10000

0

Time-->





#3

Chloromethane

Concen: 19.013 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007853.D

Acq: 06 Mar 2019 10:34

Instrument :

MSVOA_X

ClientSampleId :

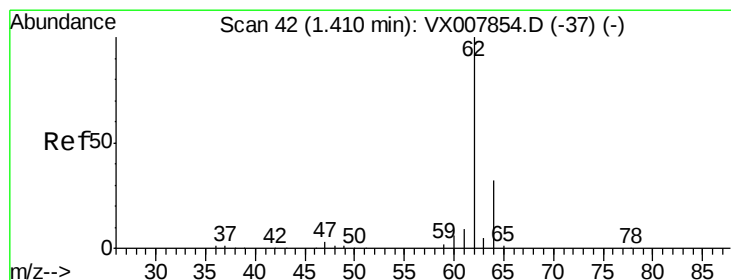
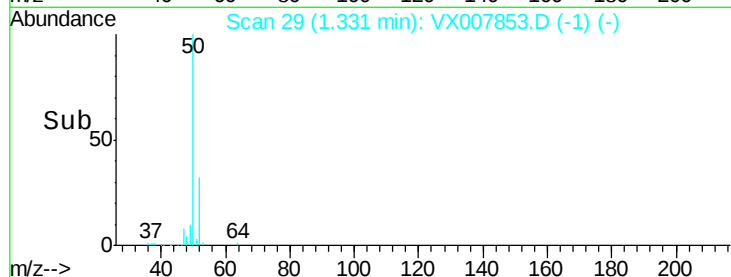
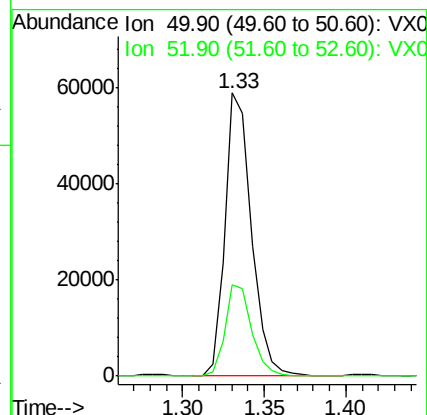
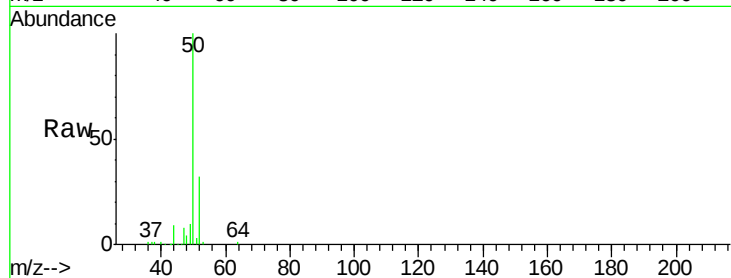
VSTDIC020

Tgt Ion: 50 Resp: 66195

Ion Ratio Lower Upper

50 100

52 32.2 26.5 39.7



#4

Vinyl Chloride

Concen: 19.380 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007853.D

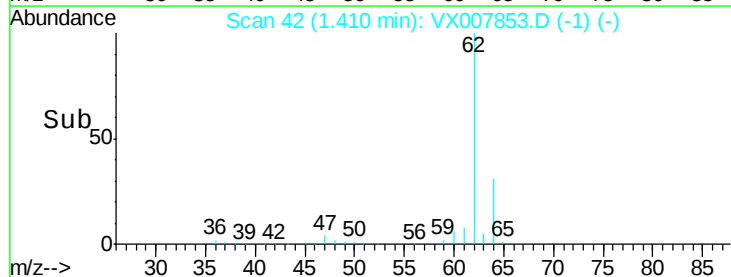
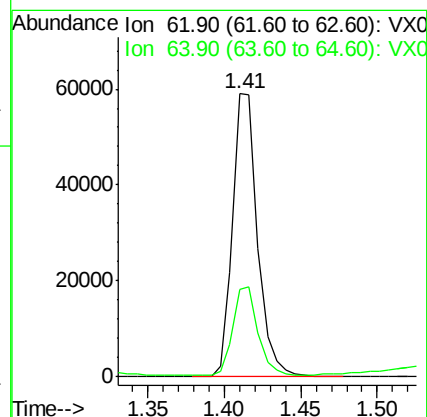
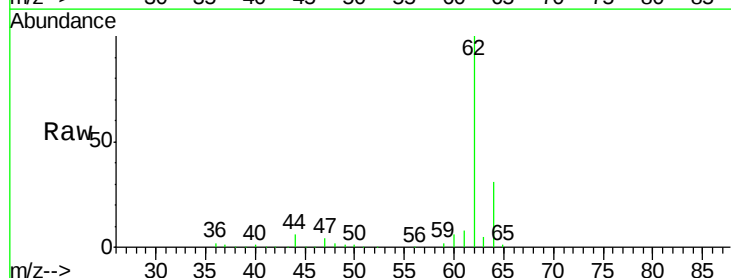
Acq: 06 Mar 2019 10:34

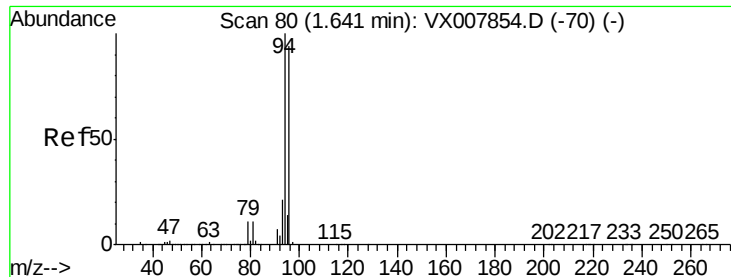
Tgt Ion: 62 Resp: 67040

Ion Ratio Lower Upper

62 100

64 30.5 25.3 37.9





#5

Bromomethane

Concen: 16.621 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007853.D

Acq: 06 Mar 2019 10:34

Instrument :

MSVOA_X

ClientSampleId :

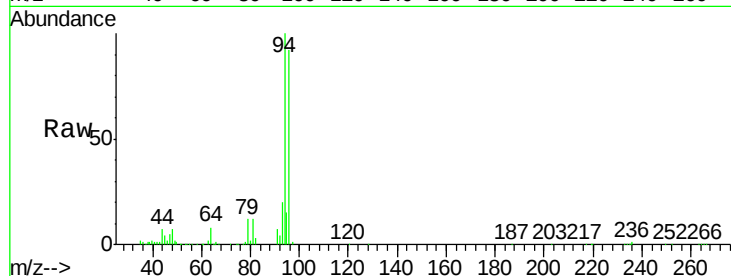
VSTDIC020

Tgt Ion: 94 Resp: 34962

Ion Ratio Lower Upper

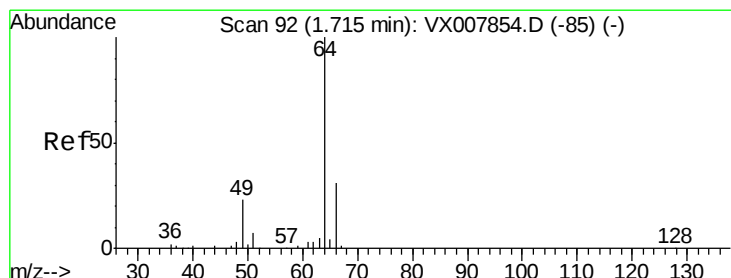
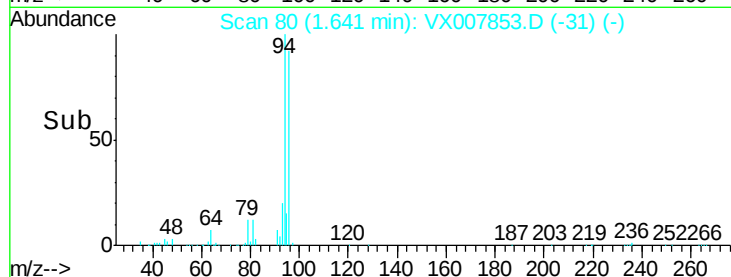
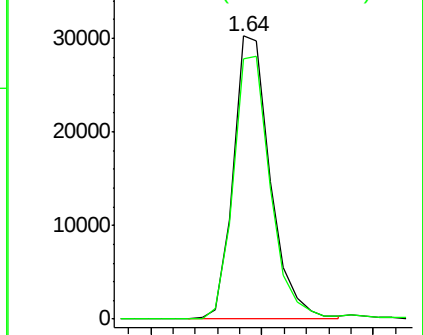
94 100

96 91.9 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 18.876 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX007853.D

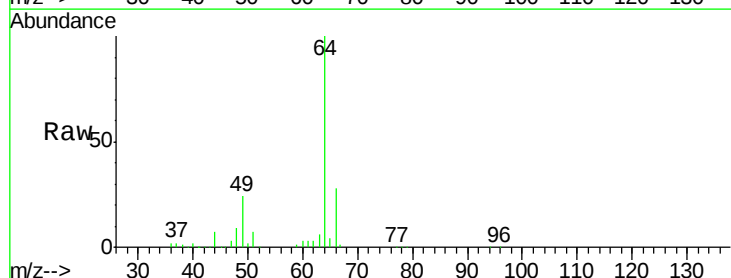
Acq: 06 Mar 2019 10:34

Tgt Ion: 64 Resp: 43378

Ion Ratio Lower Upper

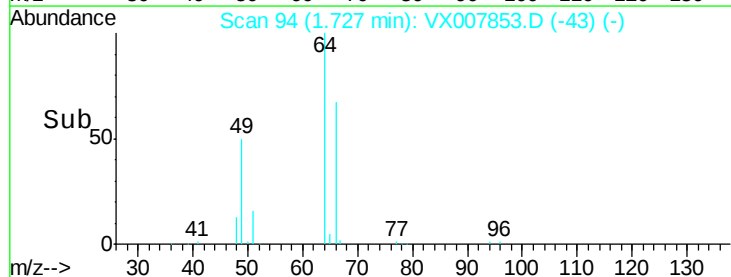
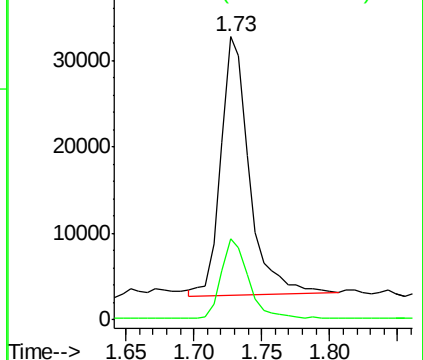
64 100

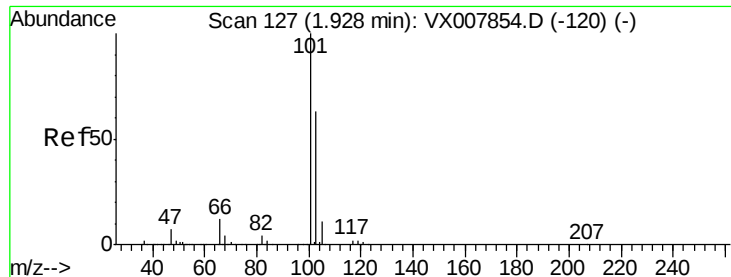
66 30.8 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



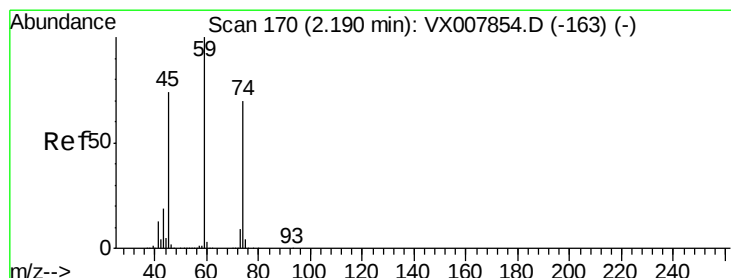
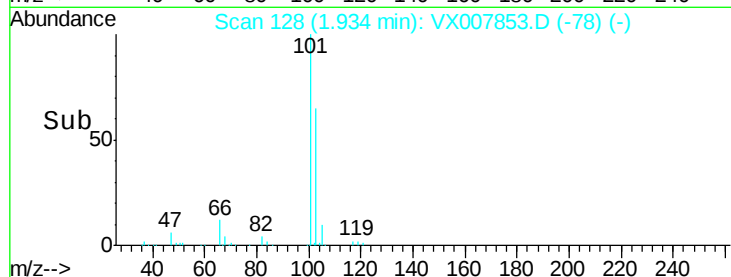
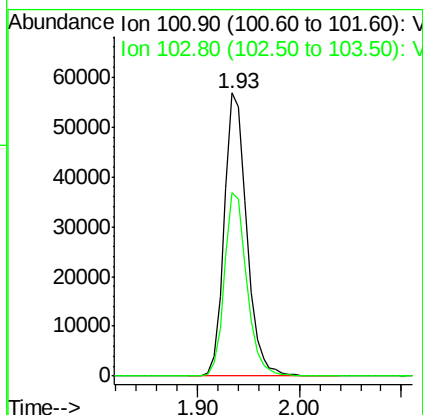
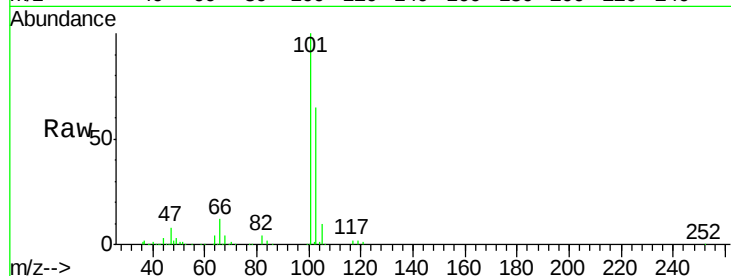


#7

Trichlorofluoromethane
 Concen: 19.216 ug/l
 RT: 1.93 min Scan# 128
 Delta R.T. 0.01 min
 Lab File: VX007853.D
 Acq: 06 Mar 2019 10:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

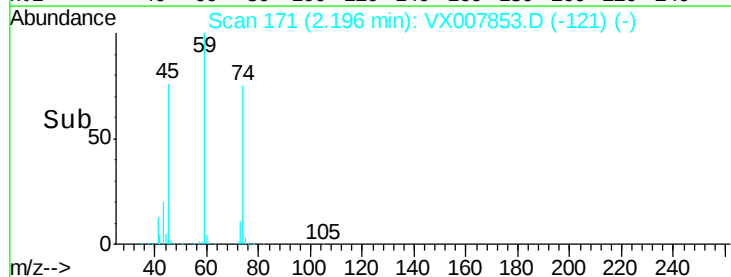
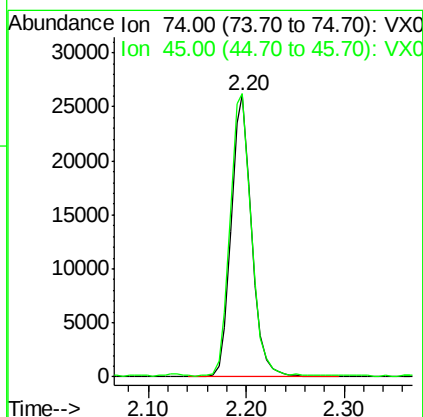
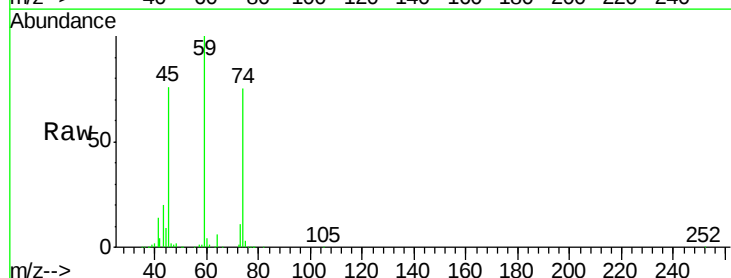
Tgt Ion: 101 Resp: 86546
 Ion Ratio Lower Upper
 101 100
 103 64.9 50.4 75.6

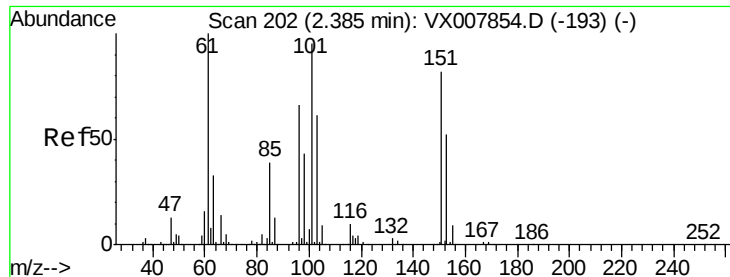


#8

Diethyl Ether
 Concen: 19.317 ug/l
 RT: 2.20 min Scan# 171
 Delta R.T. 0.01 min
 Lab File: VX007853.D
 Acq: 06 Mar 2019 10:34

Tgt Ion: 74 Resp: 37675
 Ion Ratio Lower Upper
 74 100
 45 104.2 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.959 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.01 min

Lab File: VX007853.D

Acq: 06 Mar 2019 10:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

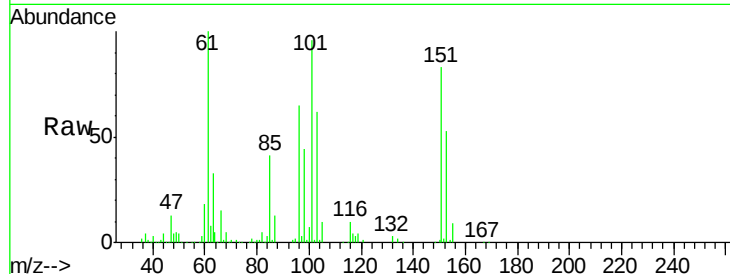
Tgt Ion:101 Resp: 52915

Ion Ratio Lower Upper

101 100

85 42.4 33.8 50.6

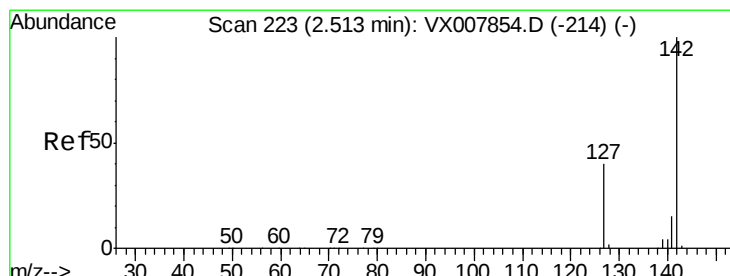
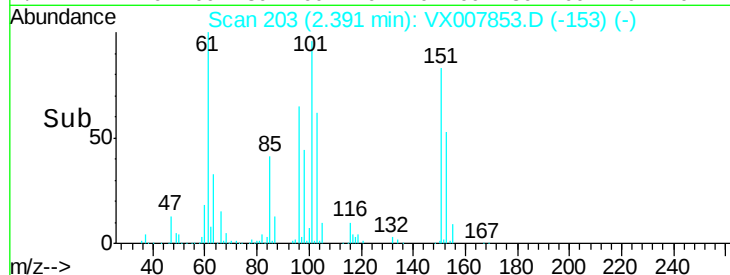
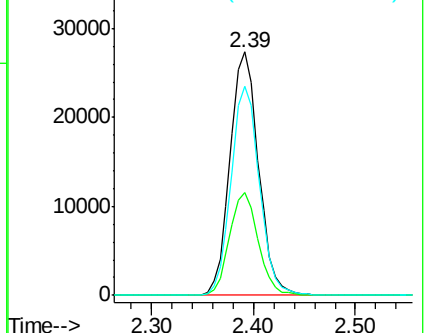
151 85.6 69.1 103.7



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: 19.569 ug/l

RT: 2.52 min Scan# 224

Delta R.T. 0.01 min

Lab File: VX007853.D

Acq: 06 Mar 2019 10:34

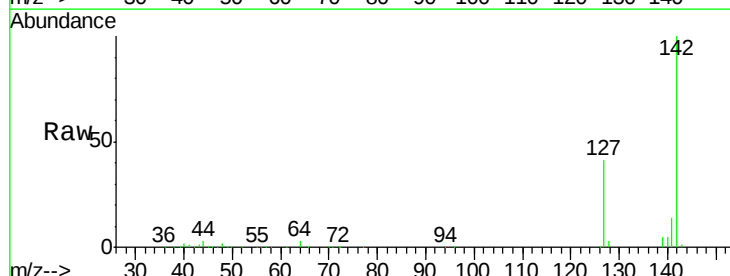
Tgt Ion:142 Resp: 77483

Ion Ratio Lower Upper

142 100

127 40.1 32.1 48.1

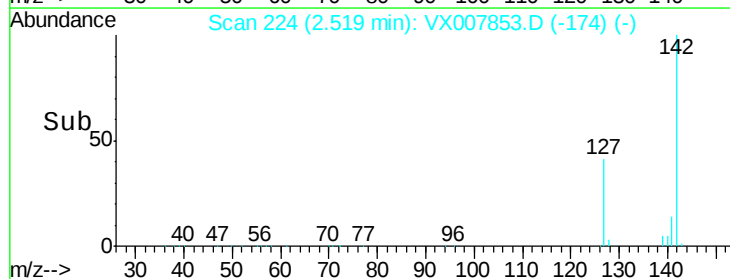
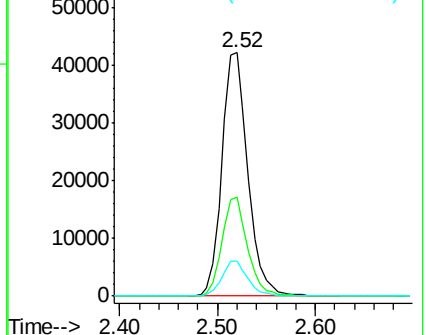
141 14.4 11.4 17.2

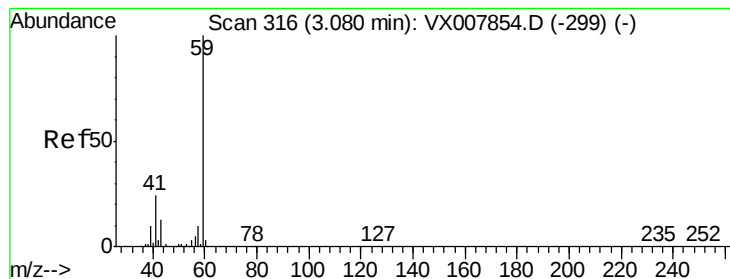


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



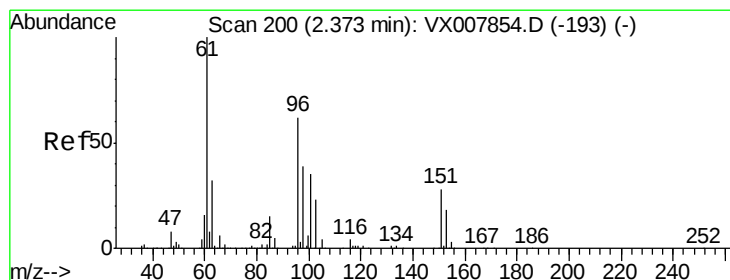
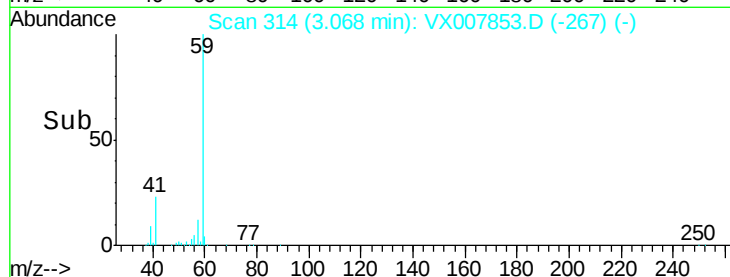
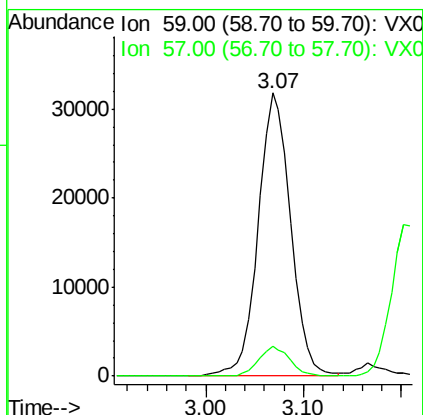
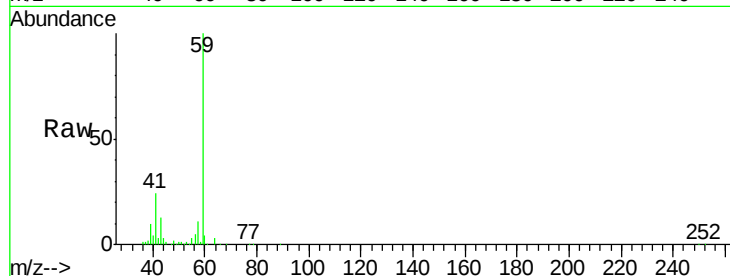


#11

Tert butyl alcohol
 Concen: 98.383 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX007853.D
 Acq: 06 Mar 2019 10:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

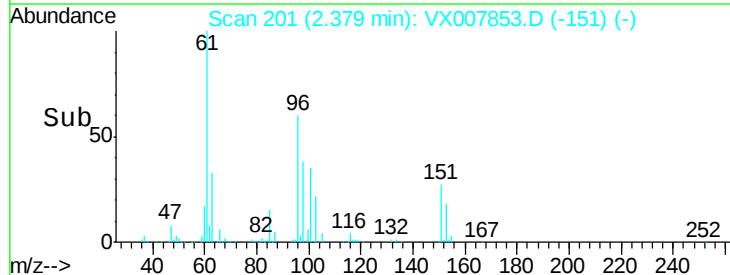
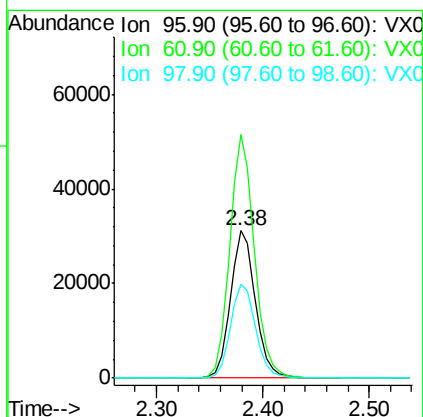
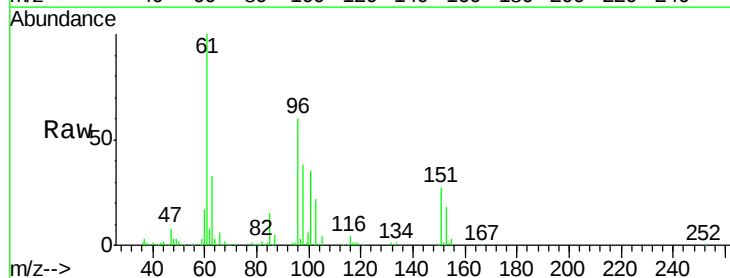
Tgt Ion: 59 Resp: 73392
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.2 12.2

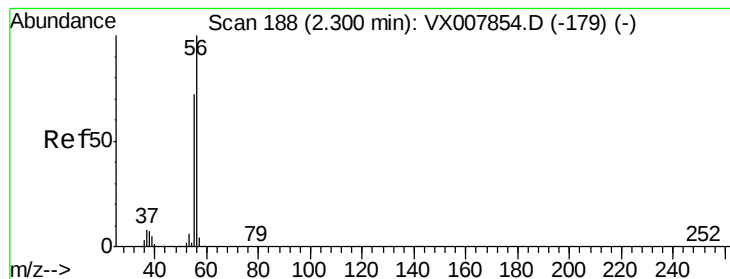


#12

1,1-Dichloroethene
 Concen: 18.992 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. 0.01 min
 Lab File: VX007853.D
 Acq: 06 Mar 2019 10:34

Tgt Ion: 96 Resp: 51096
 Ion Ratio Lower Upper
 96 100
 61 165.4 129.8 194.6
 98 63.6 51.0 76.6





#13

Acrolein

Concen: 87.123 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.00 min

Lab File: VX007853.D

Acq: 06 Mar 2019 10:34

Instrument :

MSVOA_X

ClientSampled :

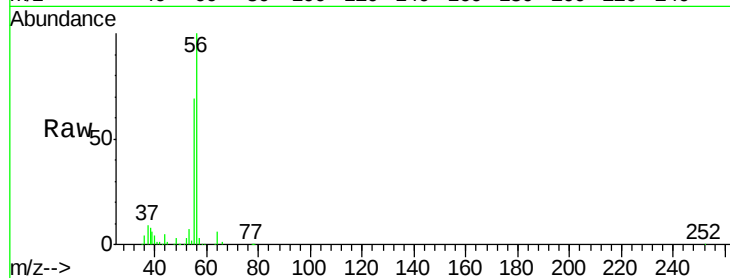
VSTDIC020

Tgt Ion: 56 Resp: 39245

Ion Ratio Lower Upper

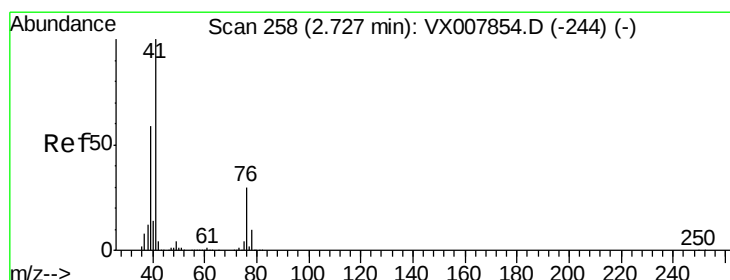
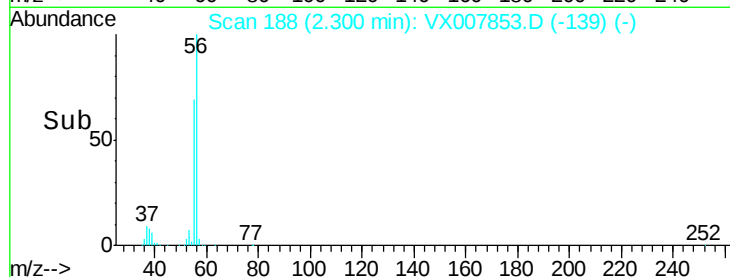
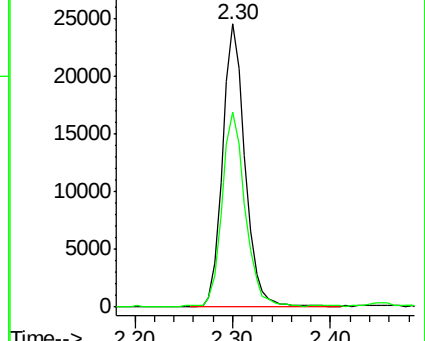
56 100

55 71.5 57.8 86.6



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 19.330 ug/l

RT: 2.73 min Scan# 259

Delta R.T. 0.01 min

Lab File: VX007853.D

Acq: 06 Mar 2019 10:34

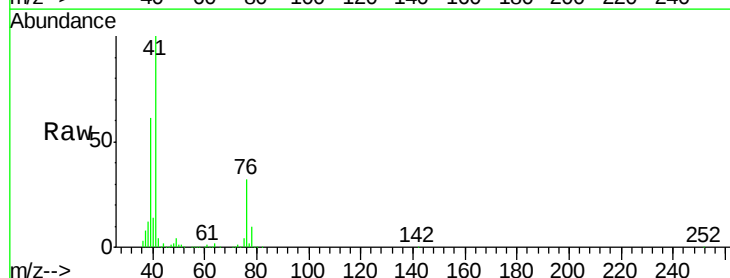
Tgt Ion: 41 Resp: 109276

Ion Ratio Lower Upper

41 100

39 57.5 46.1 69.1

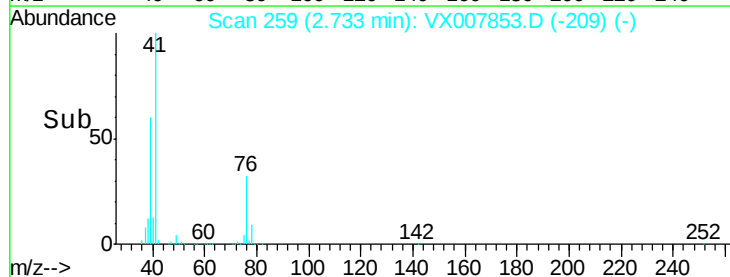
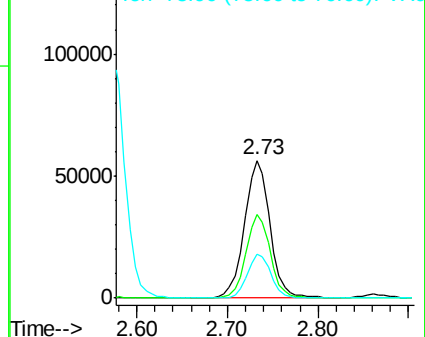
76 29.6 24.0 36.0

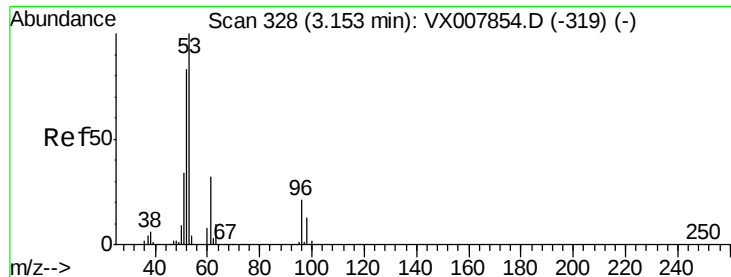


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 95.619 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX007853.D

Acq: 06 Mar 2019 10:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

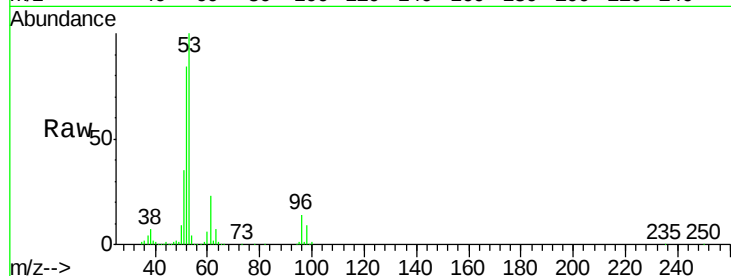
Tgt Ion: 53 Resp: 180043

Ion Ratio Lower Upper

53 100

52 82.5 66.0 99.0

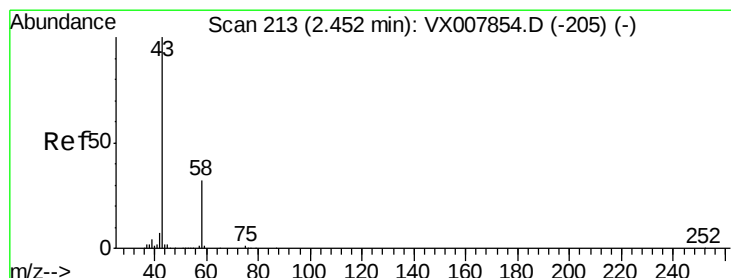
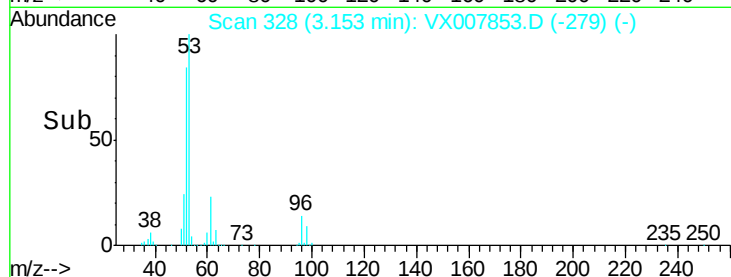
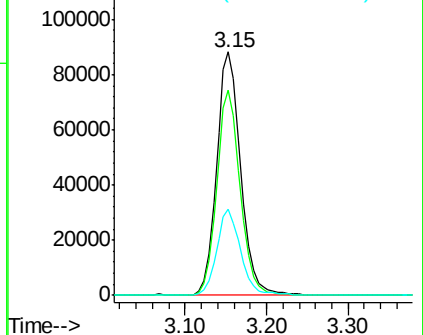
51 35.3 28.0 42.0



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: 113.042 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX007853.D

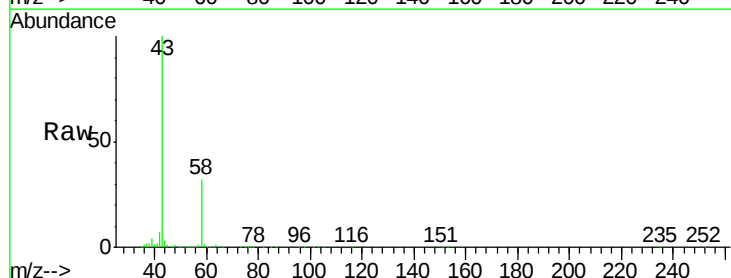
Acq: 06 Mar 2019 10:34

Tgt Ion: 43 Resp: 218254

Ion Ratio Lower Upper

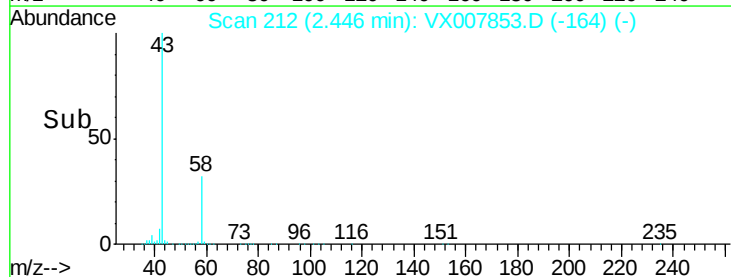
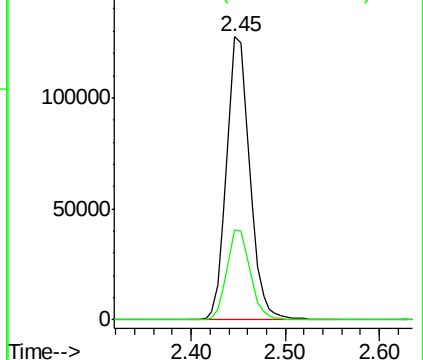
43 100

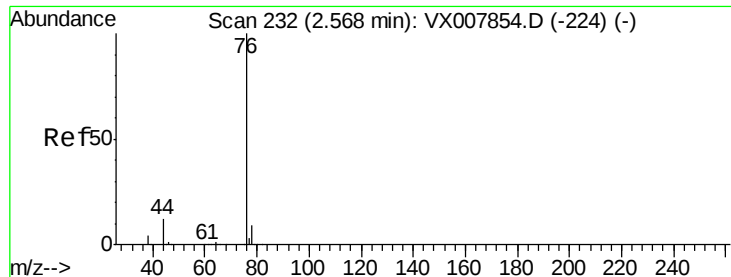
58 31.8 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

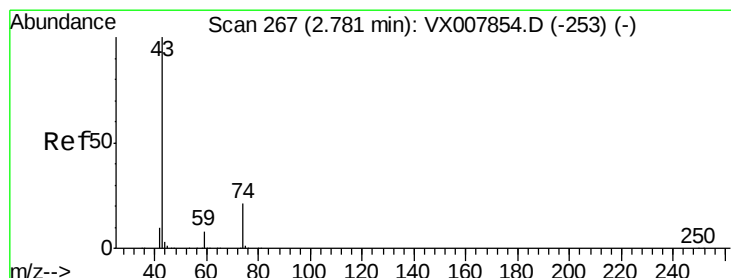
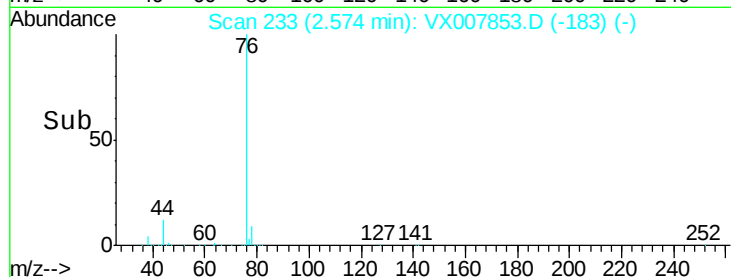
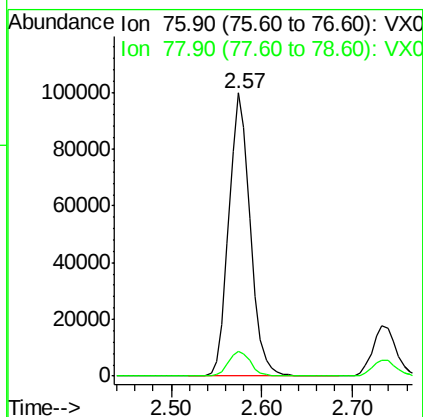
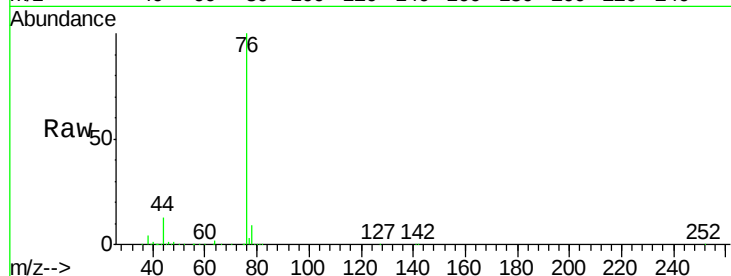




#17
Carbon Disulfide
Concen: 18.081 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.01 min
Lab File: VX007853.D
Acq: 06 Mar 2019 10:34

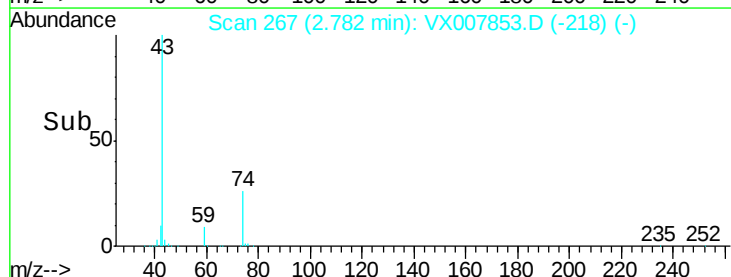
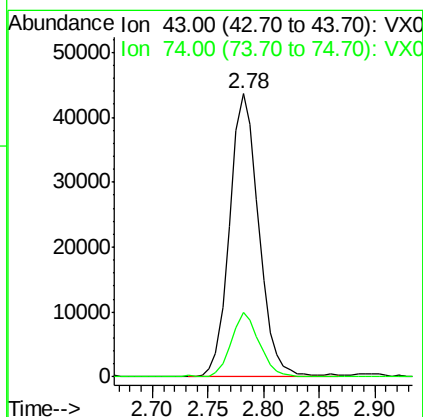
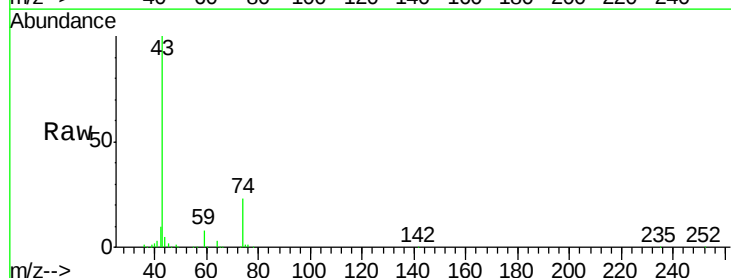
Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

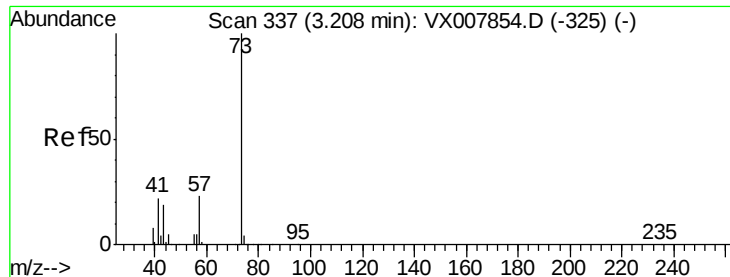
Tgt Ion: 76 Resp: 163326
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8



#18
Methyl Acetate
Concen: 19.165 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX007853.D
Acq: 06 Mar 2019 10:34

Tgt Ion: 43 Resp: 78610
Ion Ratio Lower Upper
43 100
74 22.2 17.8 26.6

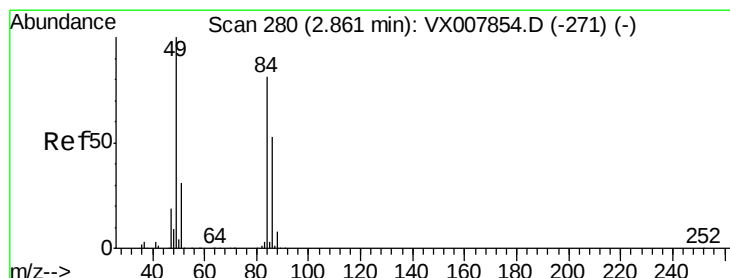
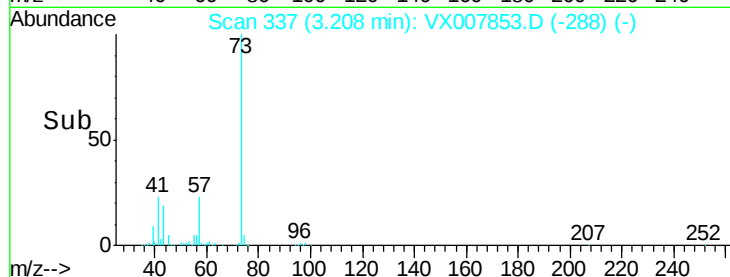
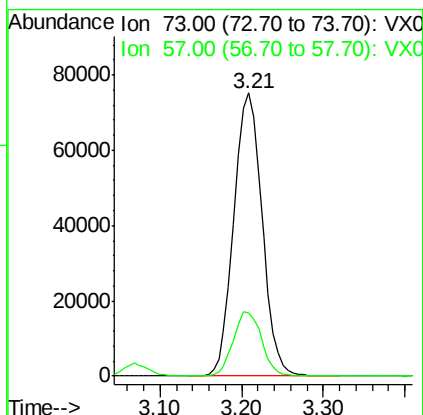
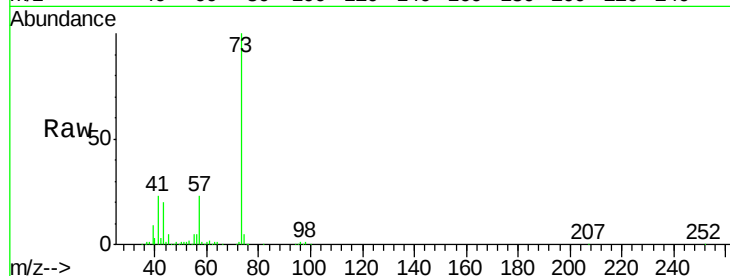




#19
Methyl tert-butyl Ether
Concen: 19.495 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.00 min
Lab File: VX007853.D
Acq: 06 Mar 2019 10:34

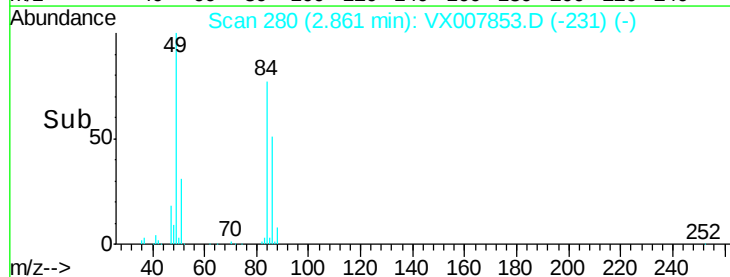
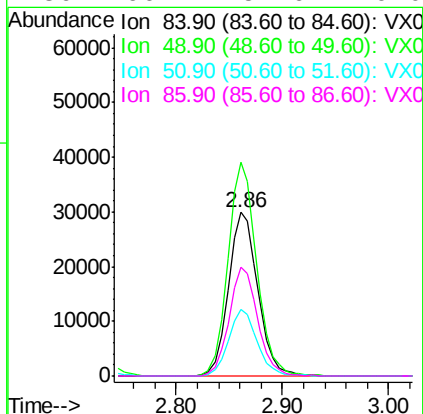
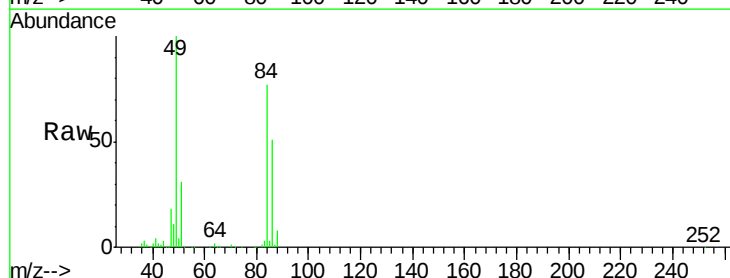
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

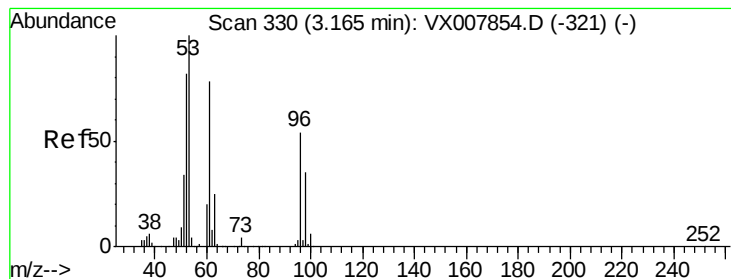
Tgt Ion: 73 Resp: 180440
Ion Ratio Lower Upper
73 100
57 22.5 18.2 27.4



#20
Methylene Chloride
Concen: 18.802 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007853.D
Acq: 06 Mar 2019 10:34

Tgt Ion: 84 Resp: 57776
Ion Ratio Lower Upper
84 100
49 130.4 99.3 148.9
51 41.0 31.3 46.9
86 66.1 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 18.669 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.01 min

Lab File: VX007853.D

Acq: 06 Mar 2019 10:34

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

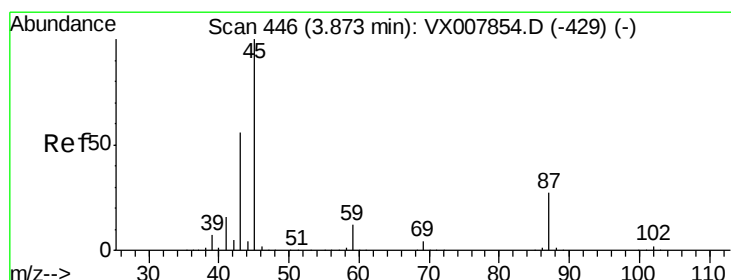
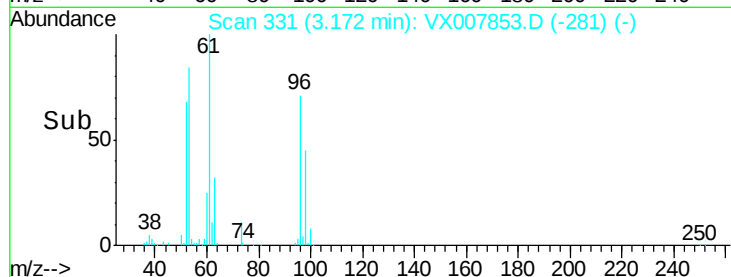
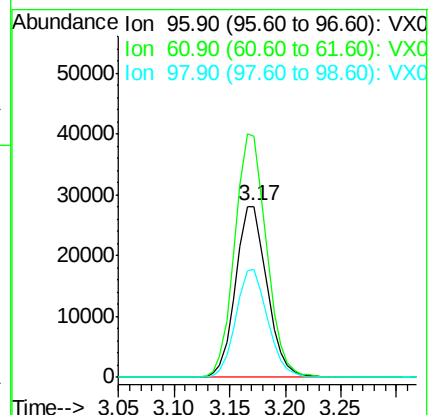
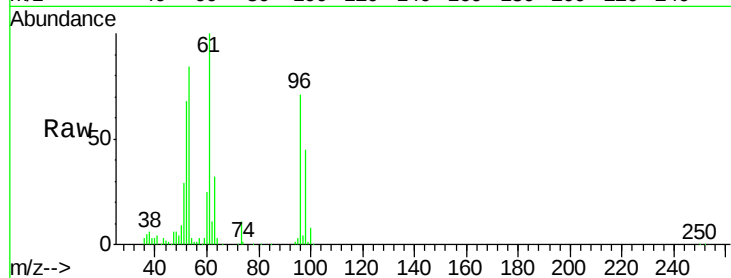
Tgt Ion: 96 Resp: 55264

Ion Ratio Lower Upper

96 100

61 140.5 114.4 171.6

98 63.3 51.1 76.7



#22

Diisopropyl ether

Concen: 19.517 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX007853.D

Acq: 06 Mar 2019 10:34

Tgt Ion: 45 Resp: 202257

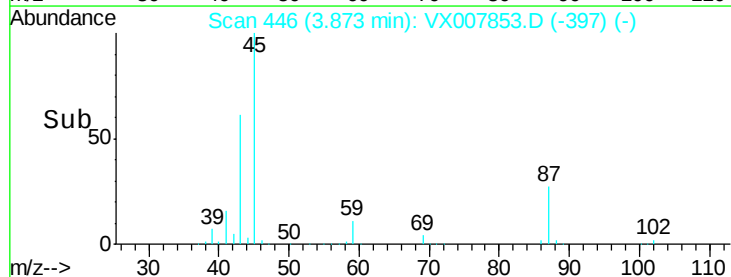
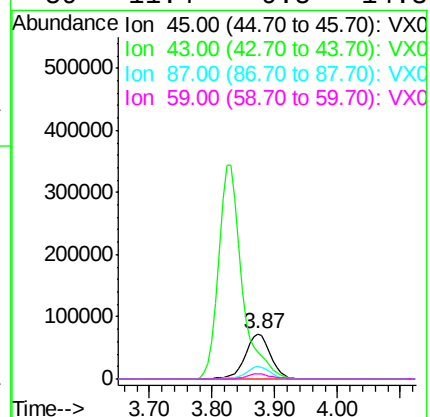
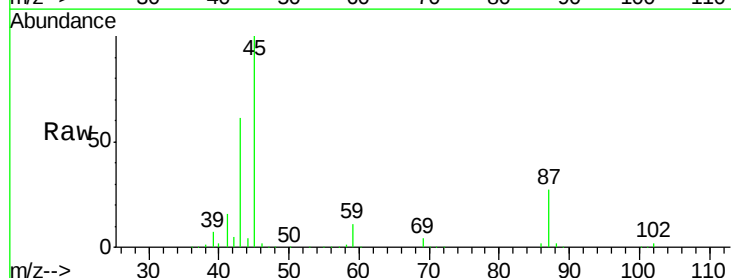
Ion Ratio Lower Upper

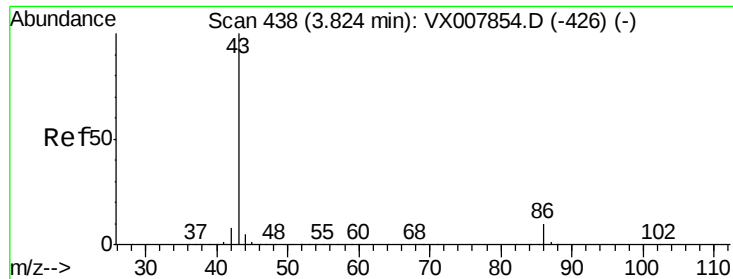
45 100

43 60.4 45.3 67.9

87 27.2 21.4 32.0

59 11.4 9.5 14.3





#23

Vinyl Acetate

Concen: 98.248 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX007853.D

Acq: 06 Mar 2019 10:34

Instrument :

MSVOA_X

ClientSampleId :

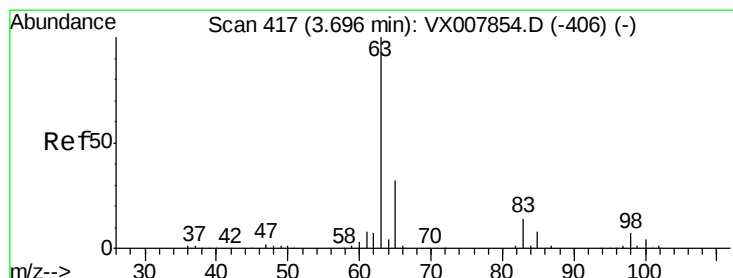
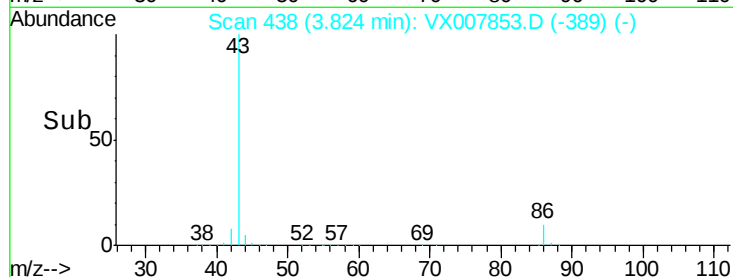
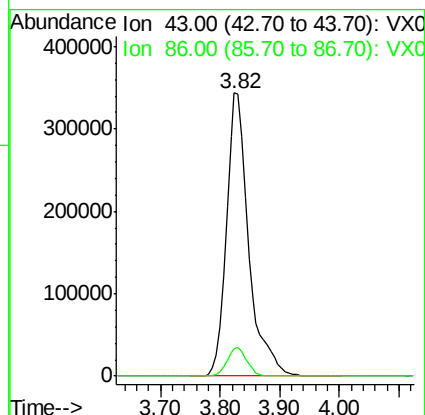
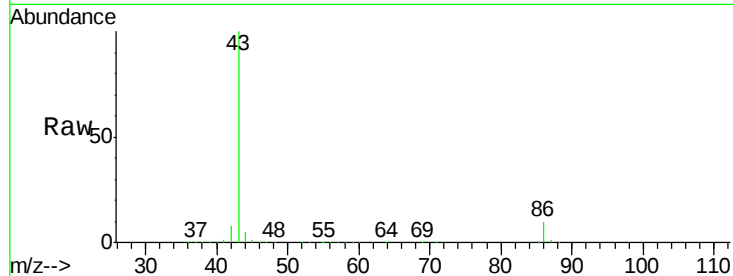
VSTDIC020

Tgt Ion: 43 Resp: 892841

Ion Ratio Lower Upper

43 100

86 9.8 7.9 11.9



#24

1,1-Dichloroethane

Concen: 19.523 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.01 min

Lab File: VX007853.D

Acq: 06 Mar 2019 10:34

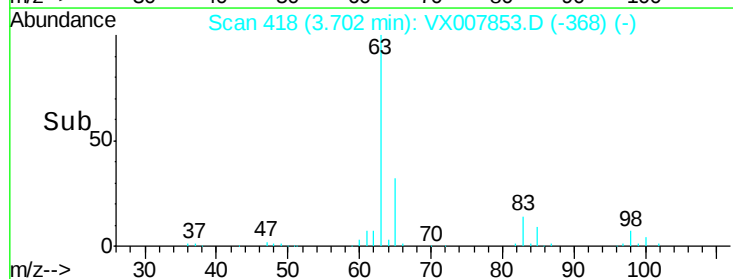
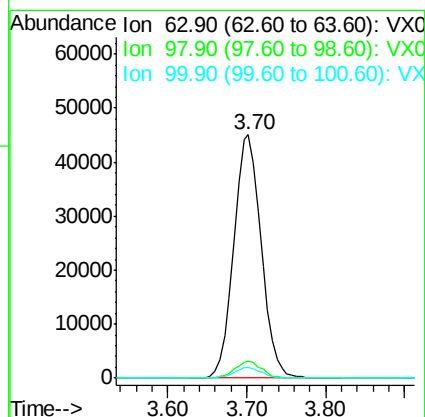
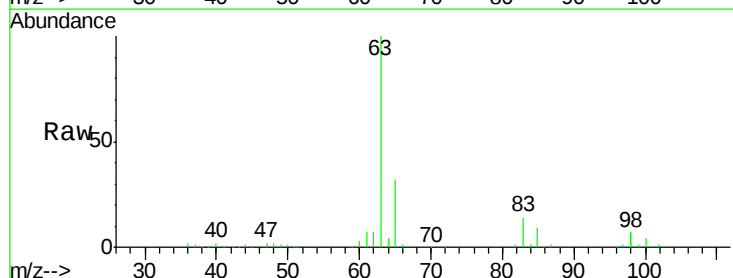
Tgt Ion: 63 Resp: 108877

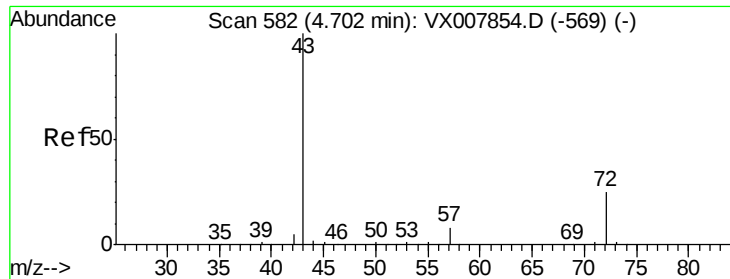
Ion Ratio Lower Upper

63 100

98 6.8 3.3 9.8

100 4.4 2.3 6.8





#25

2-Butanone

Concen: 103.921 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX007853.D

Acq: 06 Mar 2019 10:34

Instrument :

MSVOA_X

ClientSampled :

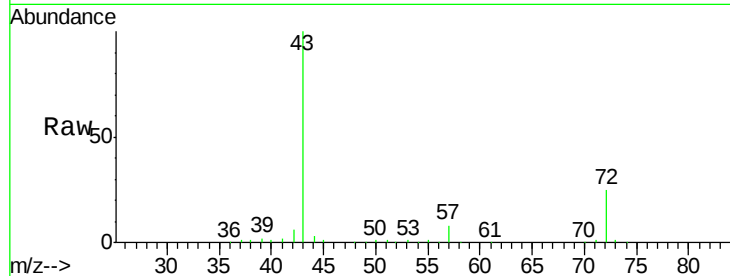
VSTDIC020

Tgt Ion: 43 Resp: 284060

Ion Ratio Lower Upper

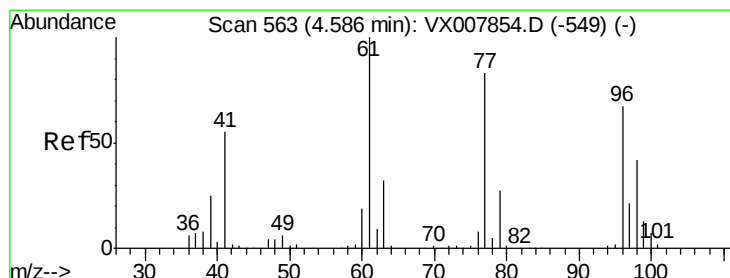
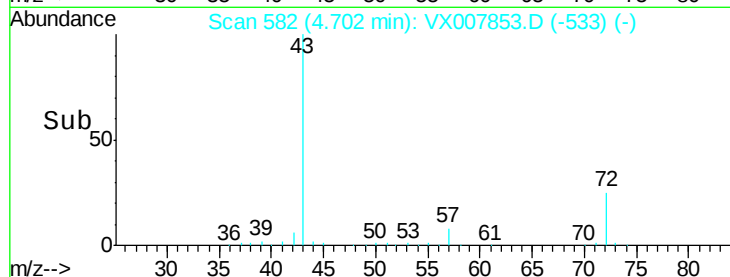
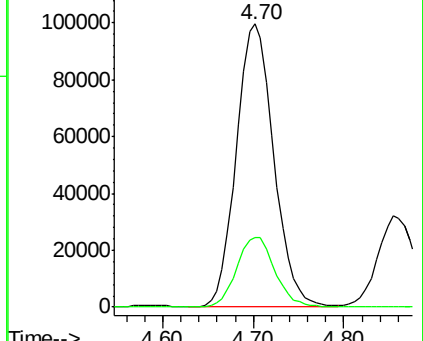
43 100

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



#26

2,2-Dichloropropane

Concen: 19.170 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX007853.D

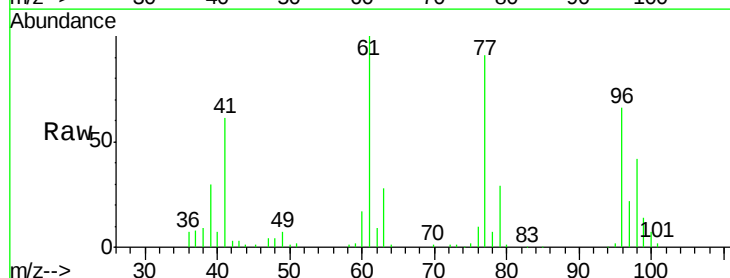
Acq: 06 Mar 2019 10:34

Tgt Ion: 77 Resp: 70829

Ion Ratio Lower Upper

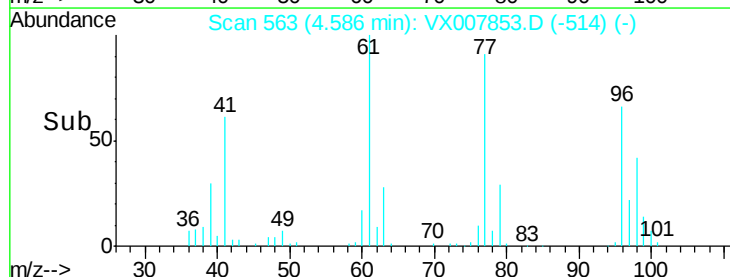
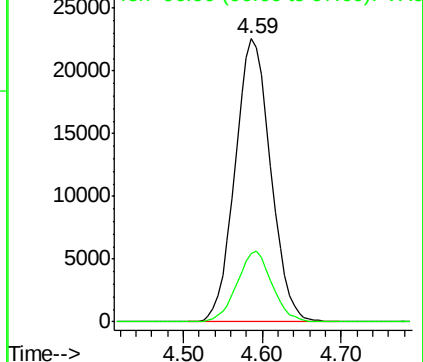
77 100

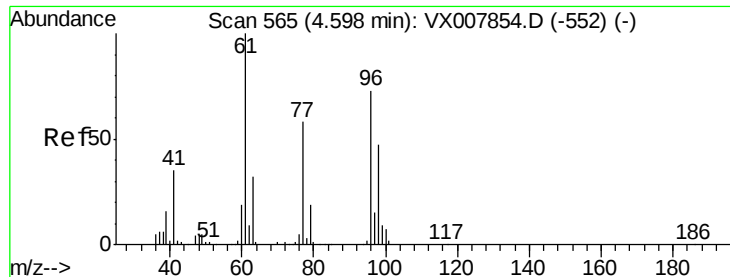
97 24.6 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



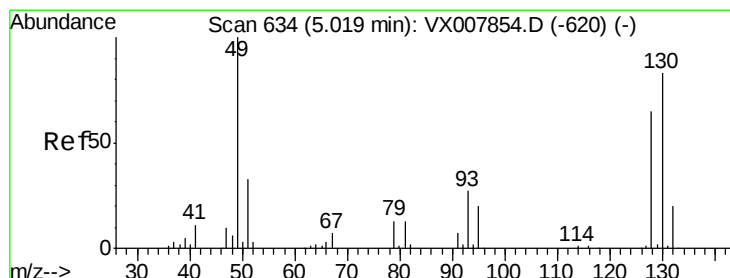
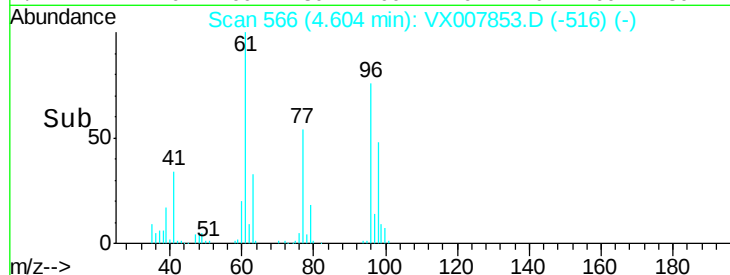
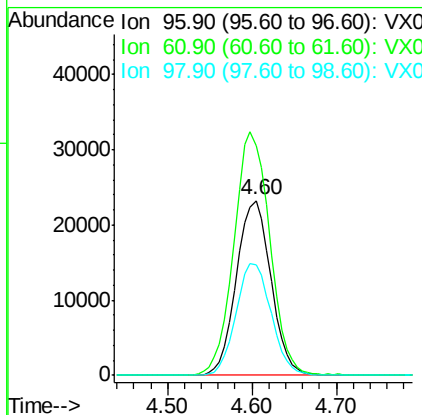
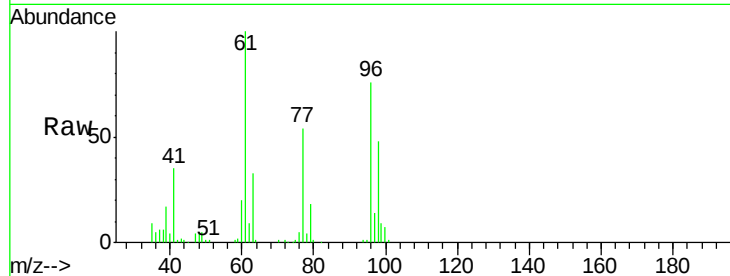


#27

cis-1,2-Dichloroethene
Concen: 19.067 ug/l
RT: 4.60 min Scan# 566
Delta R.T. 0.01 min
Lab File: VX007853.D
Acq: 06 Mar 2019 10:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

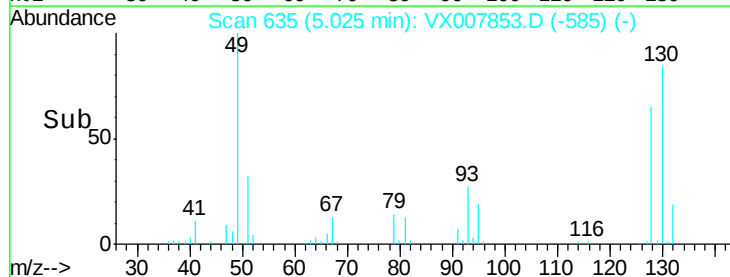
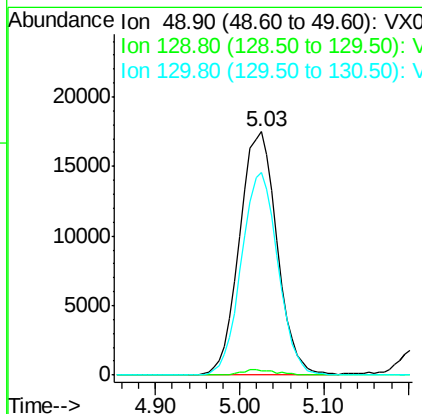
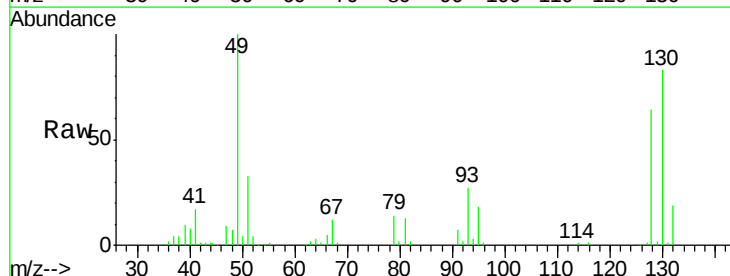
Tgt Ion: 96 Resp: 64587
Ion Ratio Lower Upper
96 100
61 145.4 0.0 288.0
98 65.0 0.0 129.0



#28

Bromochloromethane
Concen: 20.386 ug/l
RT: 5.03 min Scan# 635
Delta R.T. 0.01 min
Lab File: VX007853.D
Acq: 06 Mar 2019 10:34

Tgt Ion: 49 Resp: 53002
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.0
130 81.0 65.0 97.4

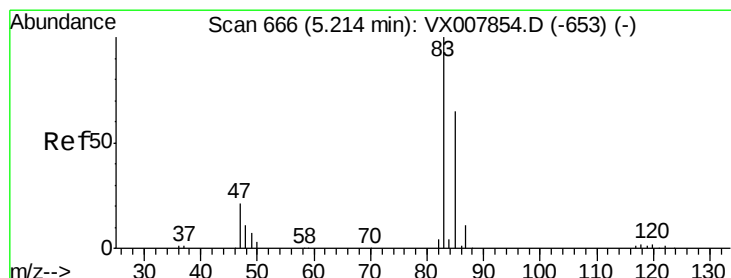
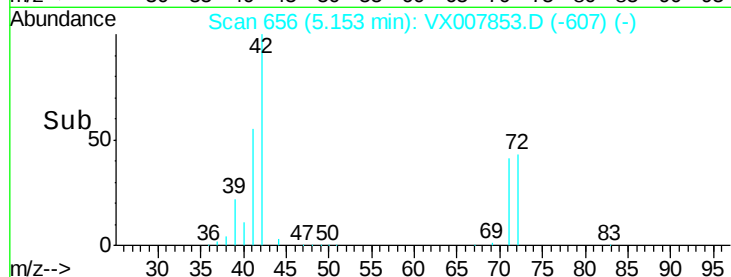
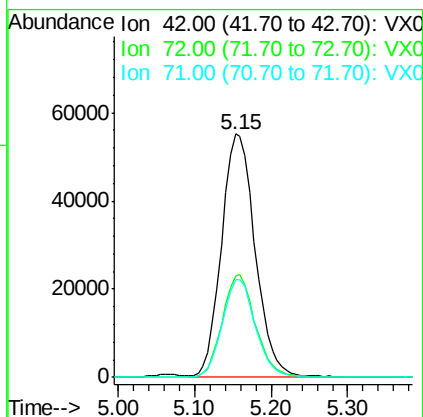
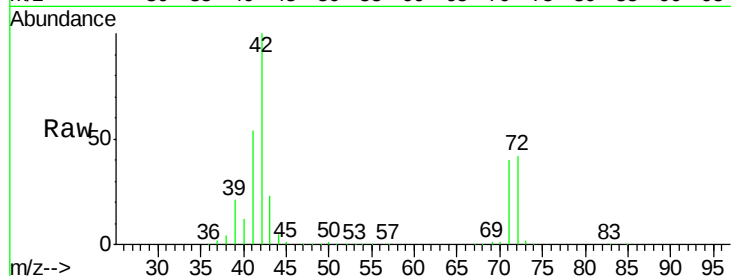




#29
Tetrahydrofuran
Concen: 97.814 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX007853.D
Acq: 06 Mar 2019 10:34

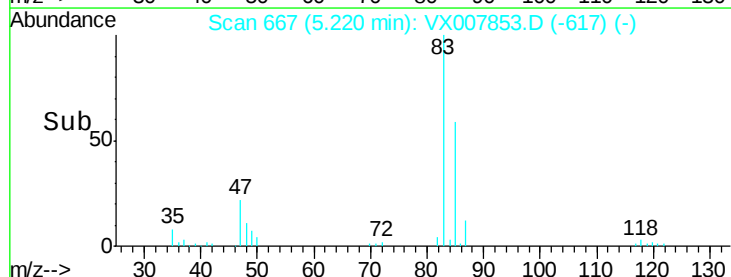
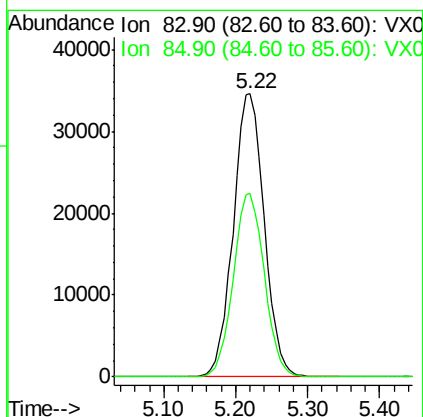
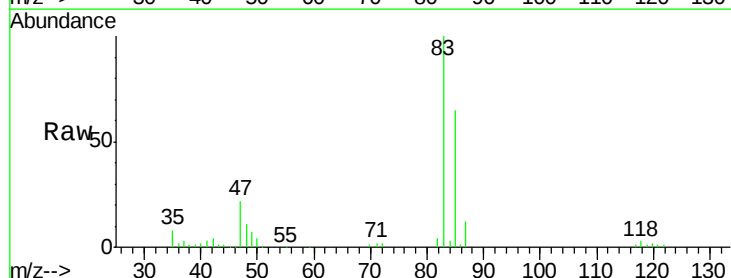
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

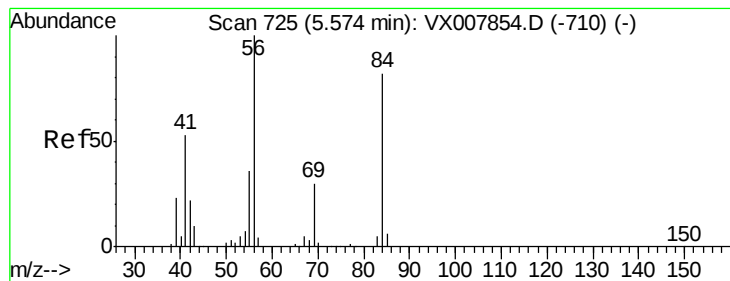
Tgt Ion: 42 Resp: 166774
Ion Ratio Lower Upper
42 100
72 41.9 33.8 50.6
71 39.8 31.5 47.3



#30
Chloroform
Concen: 19.582 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX007853.D
Acq: 06 Mar 2019 10:34

Tgt Ion: 83 Resp: 103303
Ion Ratio Lower Upper
83 100
85 64.7 51.8 77.6





#31

Cyclohexane

Concen: 19.403 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.01 min

Lab File: VX007853.D

Acq: 06 Mar 2019 10:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

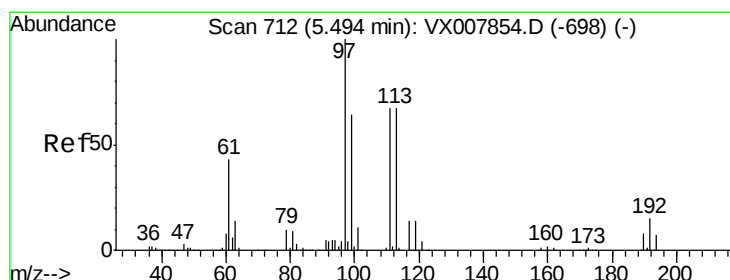
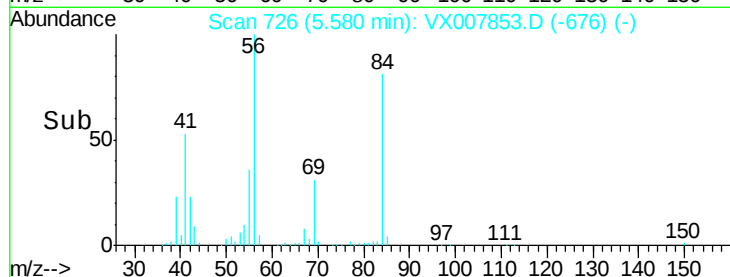
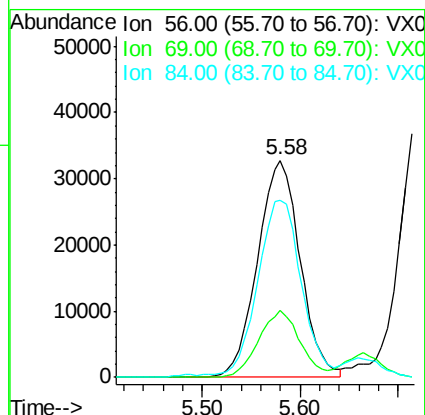
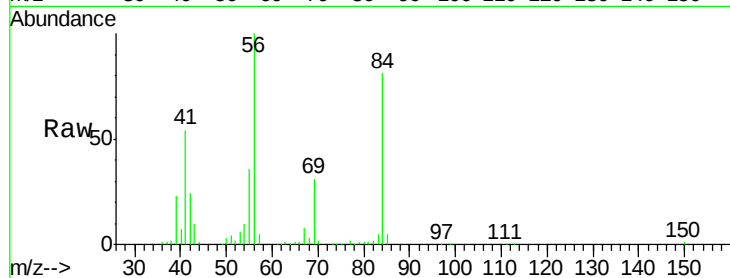
Tgt Ion: 56 Resp: 99450

Ion Ratio Lower Upper

56 100

69 30.6 24.0 36.0

84 80.1 65.3 97.9



#32

1,1,1-Trichloroethane

Concen: 19.507 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX007853.D

Acq: 06 Mar 2019 10:34

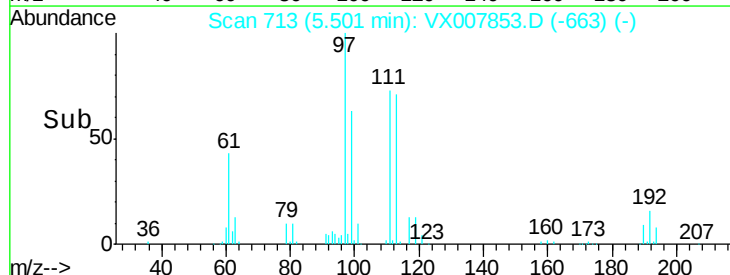
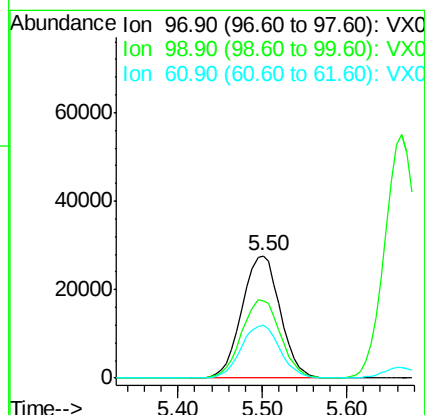
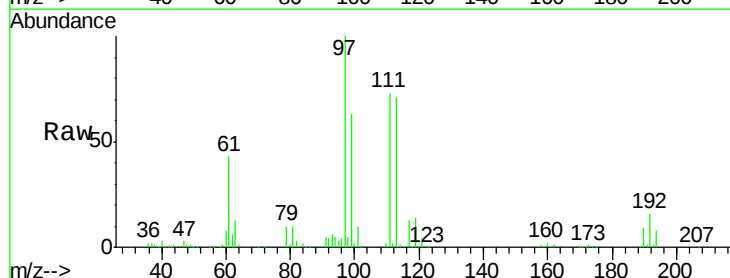
Tgt Ion: 97 Resp: 85381

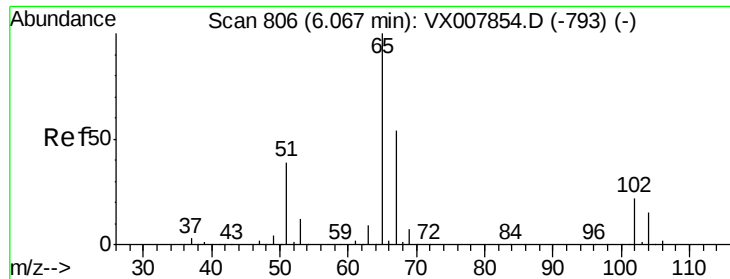
Ion Ratio Lower Upper

97 100

99 64.8 52.2 78.2

61 44.0 34.9 52.3

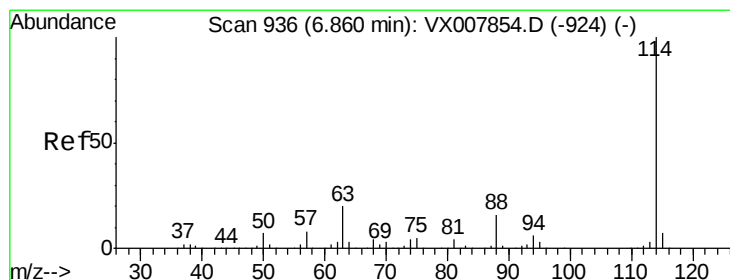
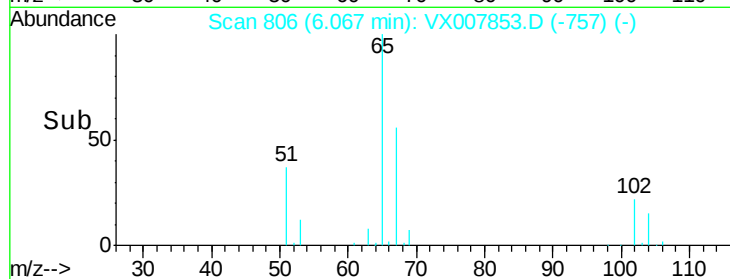
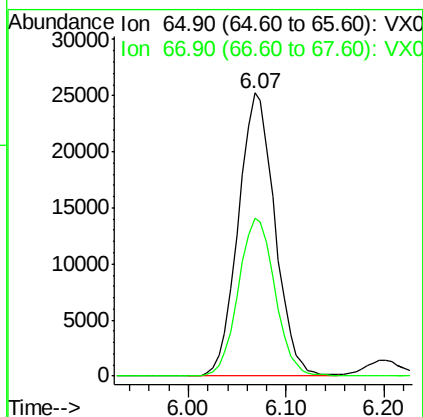
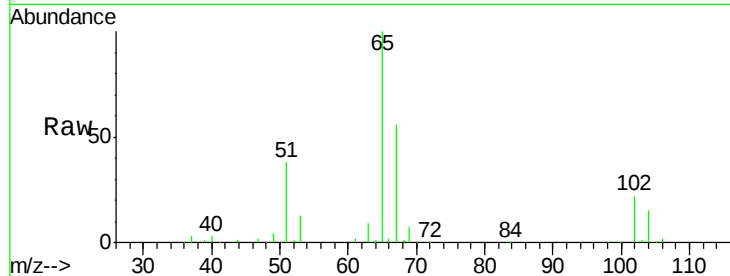




#33
 1,2-Dichloroethane-d4
 Concen: 19.634 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007853.D
 Acq: 06 Mar 2019 10:34

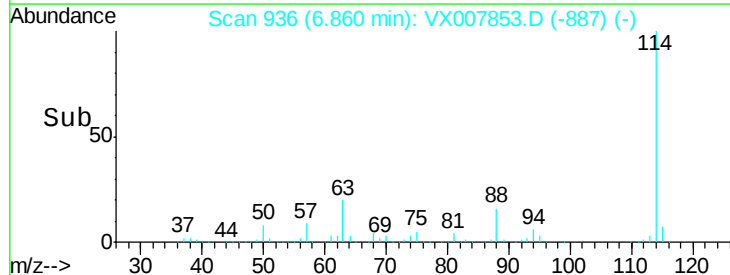
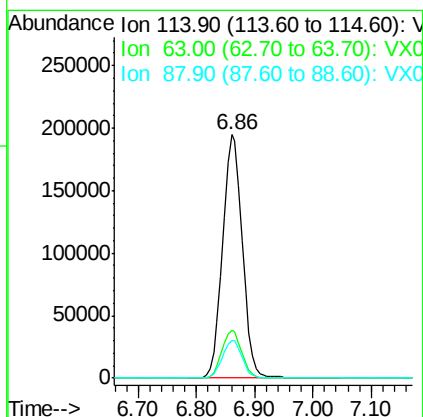
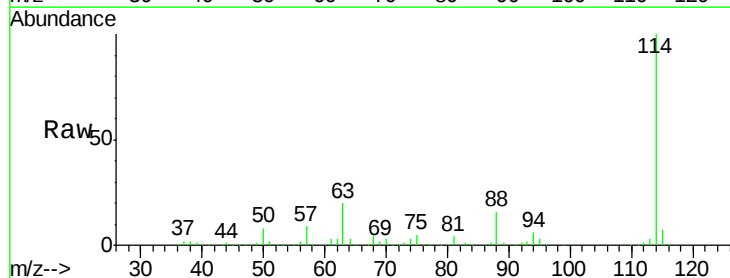
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

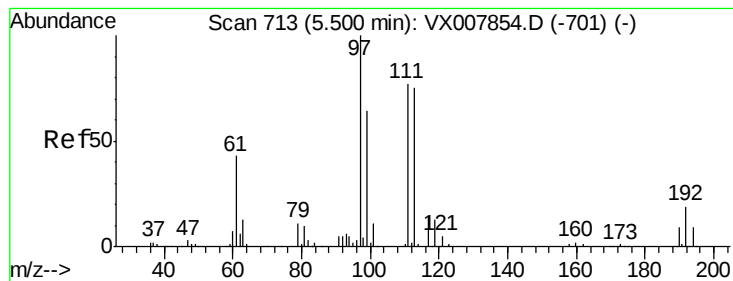
Tgt Ion: 65 Resp: 65493
 Ion Ratio Lower Upper
 65 100
 67 56.0 0.0 110.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007853.D
 Acq: 06 Mar 2019 10:34

Tgt Ion: 114 Resp: 459358
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.8
 88 15.6 0.0 31.4





#35

Dibromofluoromethane

Concen: 19.471 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007853.D

Acq: 06 Mar 2019 10:34

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

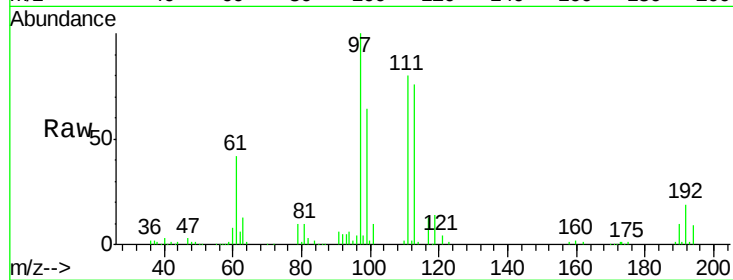
Tgt Ion:113 Resp: 57213

Ion Ratio Lower Upper

113 100

111 103.1 81.4 122.0

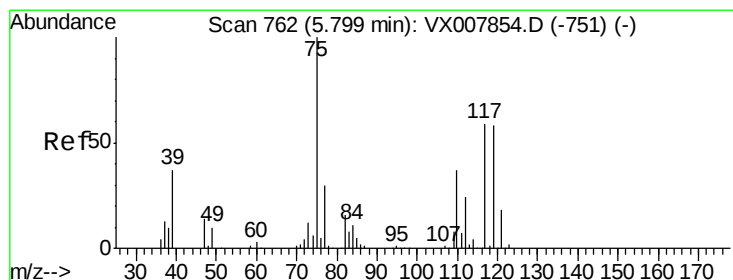
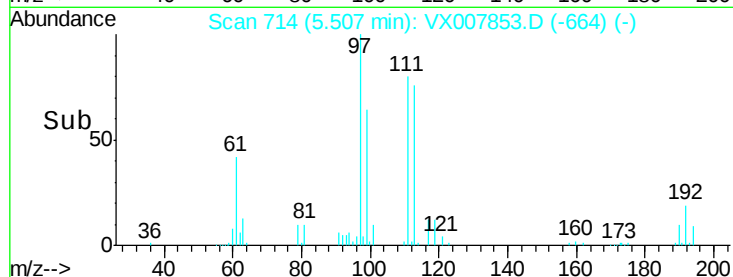
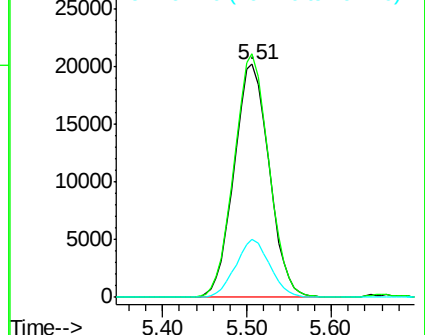
192 24.2 19.4 29.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.082 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX007853.D

Acq: 06 Mar 2019 10:34

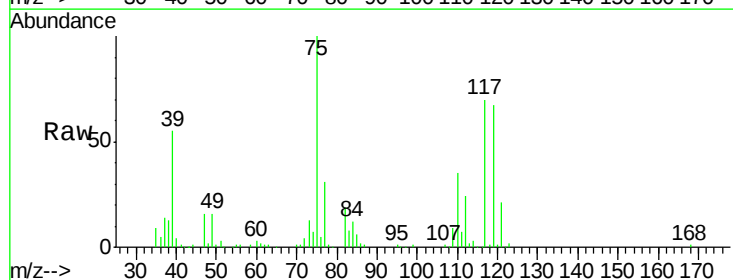
Tgt Ion: 75 Resp: 79368

Ion Ratio Lower Upper

75 100

110 36.1 18.4 55.0

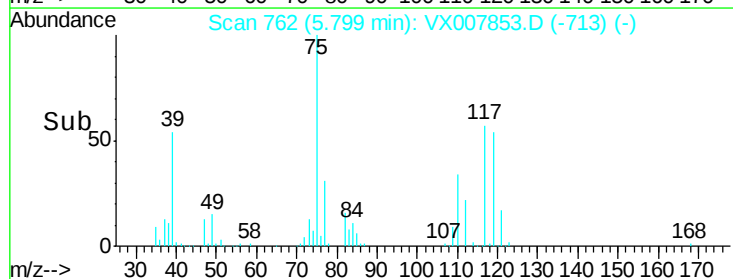
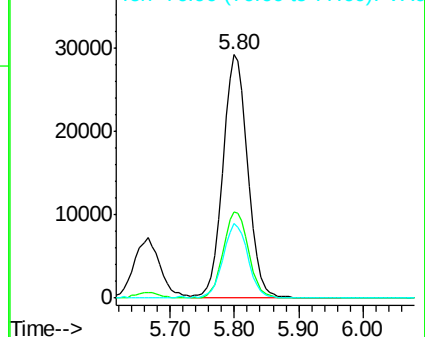
77 30.8 25.0 37.4

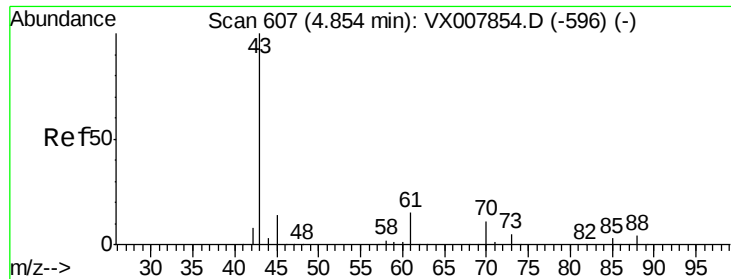


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 19.091 ug/l

RT: 4.85 min Scan# 607

Delta R.T. 0.00 min

Lab File: VX007853.D

Acq: 06 Mar 2019 10:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

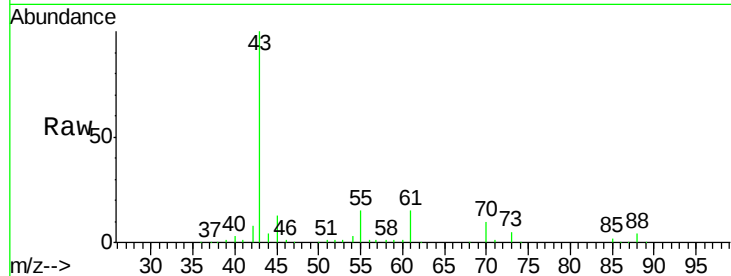
Tgt Ion: 43 Resp: 94231

Ion Ratio Lower Upper

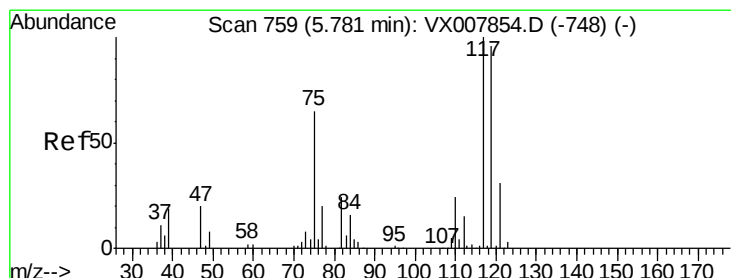
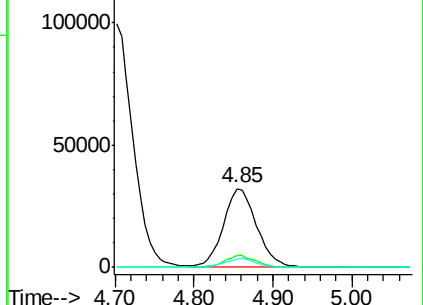
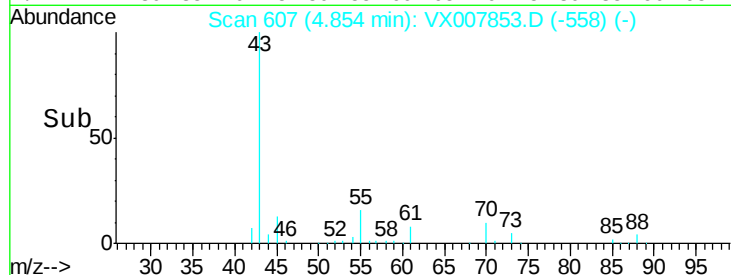
43 100

61 14.6 11.3 16.9

70 10.7 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VX007853.D (-558) (-)



#38

Carbon Tetrachloride

Concen: 19.371 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.01 min

Lab File: VX007853.D

Acq: 06 Mar 2019 10:34

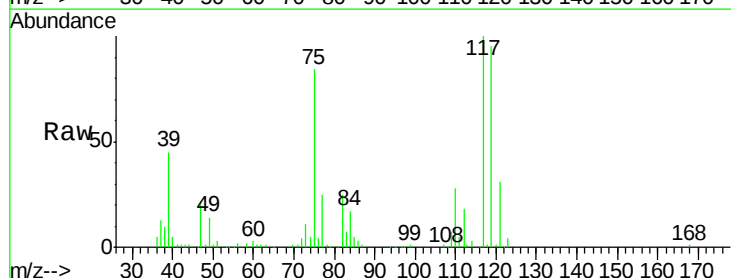
Tgt Ion: 117 Resp: 76494

Ion Ratio Lower Upper

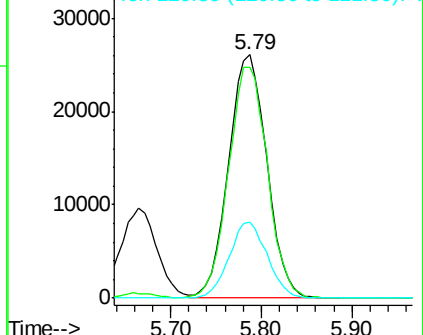
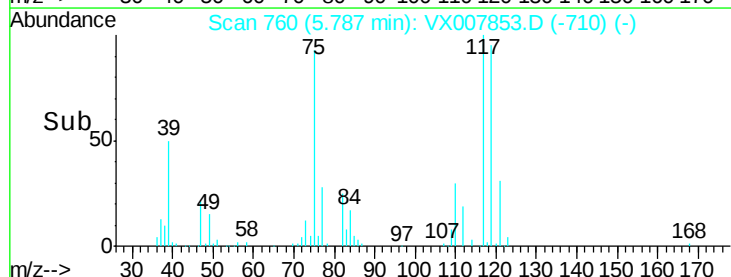
117 100

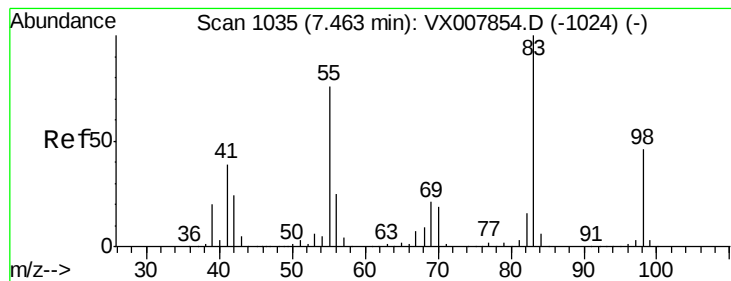
119 94.9 76.2 114.2

121 31.3 24.6 36.8



Abundance Ion 116.80 (116.50 to 117.50): VX007853.D (-710) (-)





#39

Methylcyclohexane

Concen: 19.407 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.00 min

Lab File: VX007853.D

Acq: 06 Mar 2019 10:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

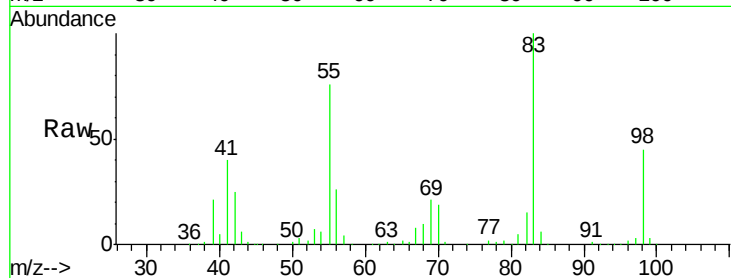
Tgt Ion: 83 Resp: 97810

Ion Ratio Lower Upper

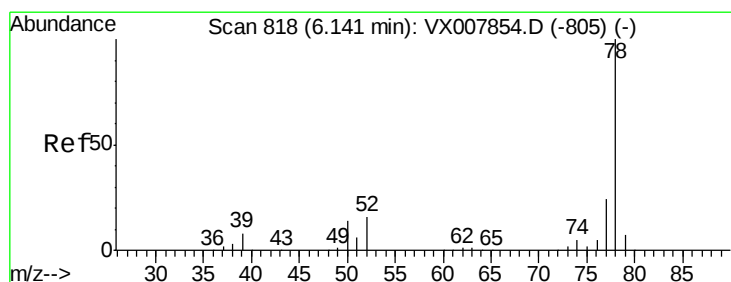
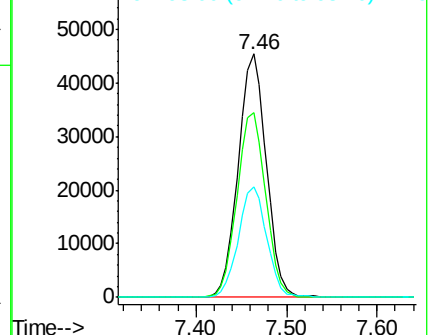
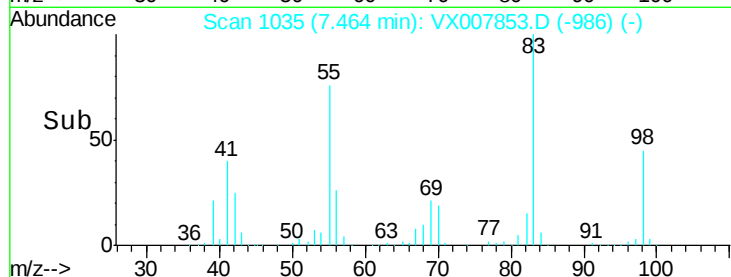
83 100

55 76.0 60.4 90.6

98 45.4 36.5 54.7



Abundance Ion 83.00 (82.70 to 83.70): VX007853.D (-986) (-)



#40

Benzene

Concen: 19.416 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX007853.D

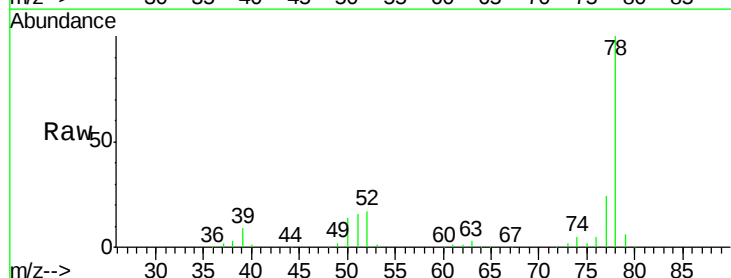
Acq: 06 Mar 2019 10:34

Tgt Ion: 78 Resp: 240422

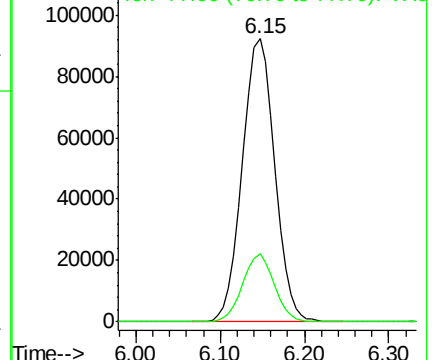
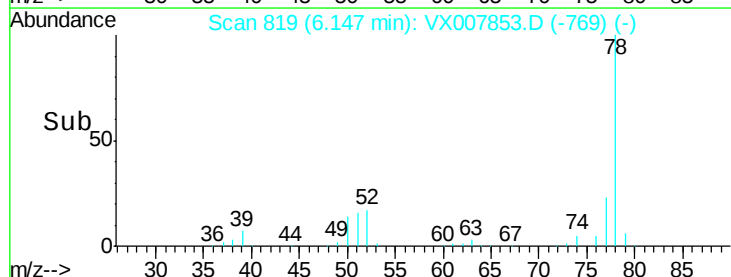
Ion Ratio Lower Upper

78 100

77 24.2 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX007853.D (-769) (-)





#41

Methacrylonitrile

Concen: 19.597 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.00 min

Lab File: VX007853.D

Acq: 06 Mar 2019 10:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 41 Resp: 52737

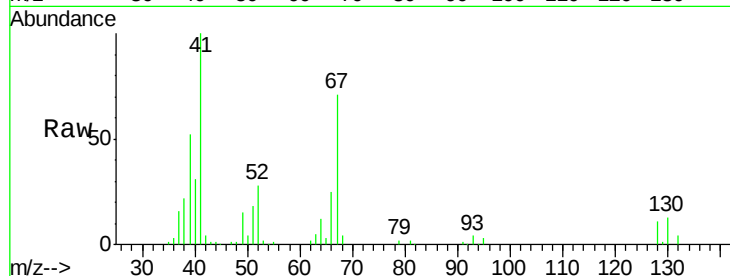
Ion Ratio Lower Upper

41 100

39 54.0 41.6 62.4

67 70.2 55.8 83.6

52 28.3 21.7 32.5

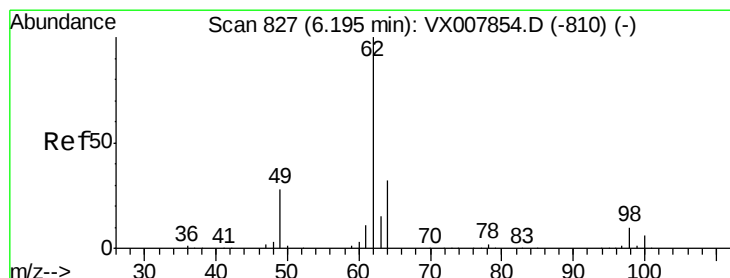
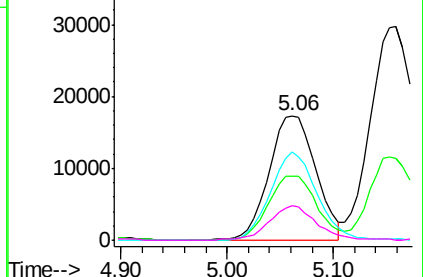
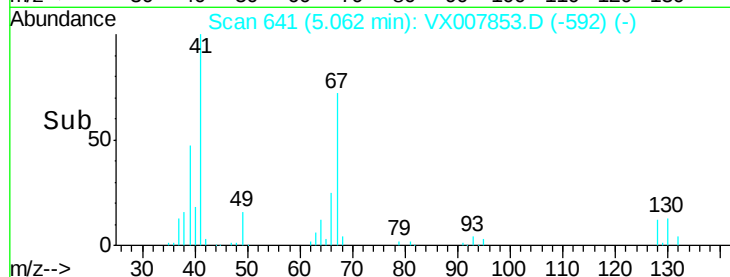


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 19.562 ug/l

RT: 6.20 min Scan# 828

Delta R.T. 0.01 min

Lab File: VX007853.D

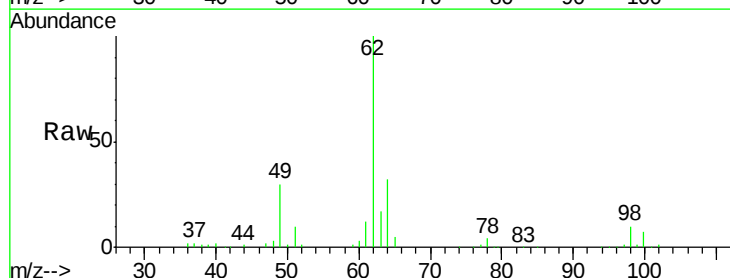
Acq: 06 Mar 2019 10:34

Tgt Ion: 62 Resp: 79216

Ion Ratio Lower Upper

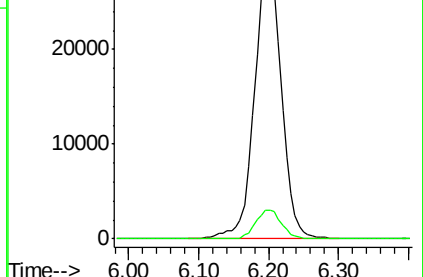
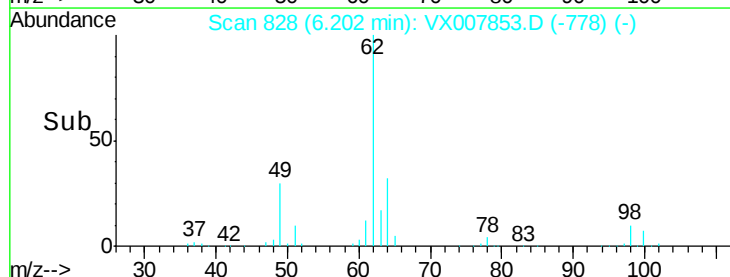
62 100

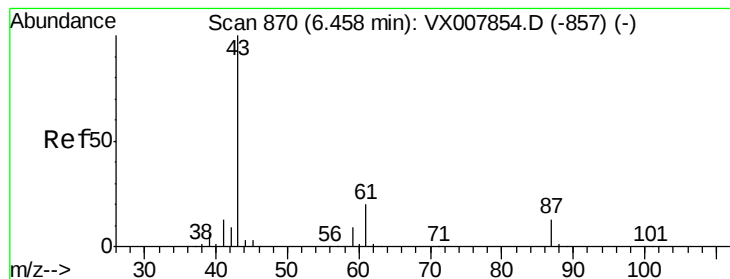
98 9.9 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.314 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX007853.D

Acq: 06 Mar 2019 10:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

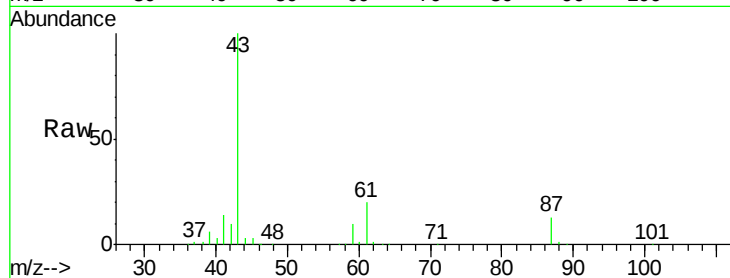
Tgt Ion: 43 Resp: 141088

Ion Ratio Lower Upper

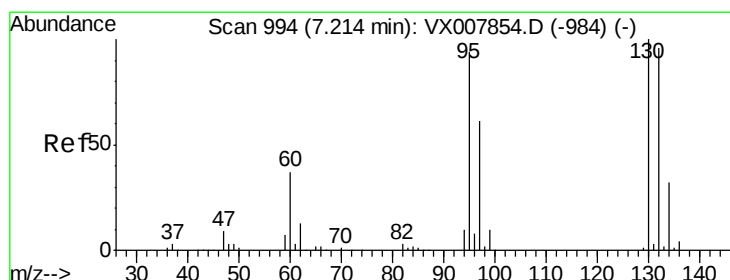
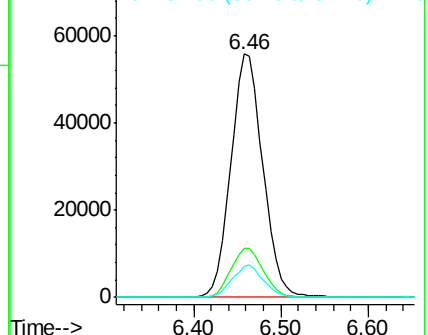
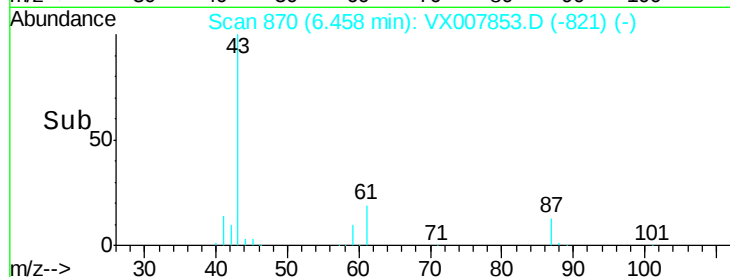
43 100

61 20.5 16.3 24.5

87 13.0 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VX007853.D (-821) (-)



#44

Trichloroethene

Concen: 18.978 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX007853.D

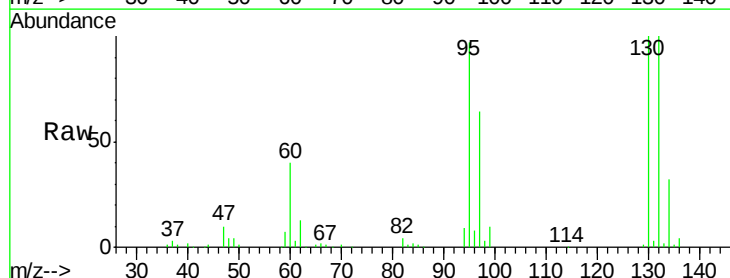
Acq: 06 Mar 2019 10:34

Tgt Ion: 130 Resp: 64760

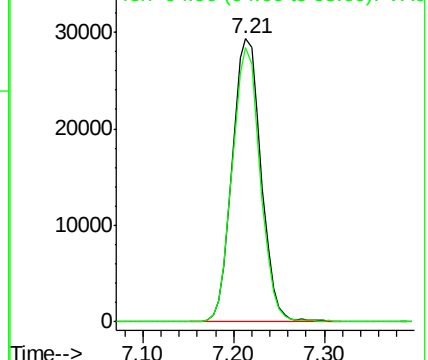
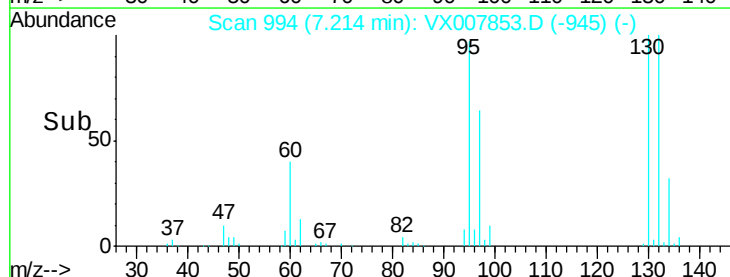
Ion Ratio Lower Upper

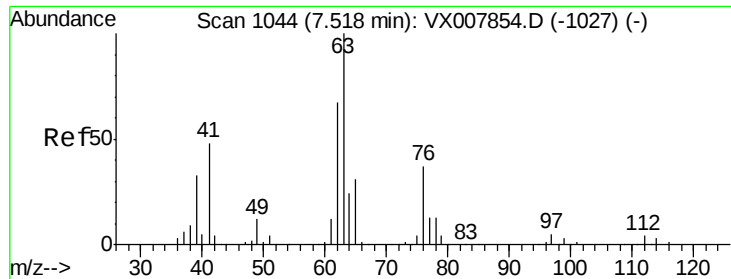
130 100

95 97.1 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): VX007853.D (-945) (-)





#45

1,2-Dichloropropane

Concen: 19.907 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX007853.D

Acq: 06 Mar 2019 10:34

Instrument :

MSVOA_X

ClientSampleId :

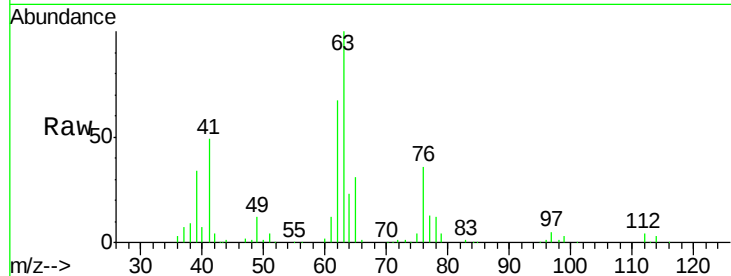
VSTDIC020

Tgt Ion: 63 Resp: 65107

Ion Ratio Lower Upper

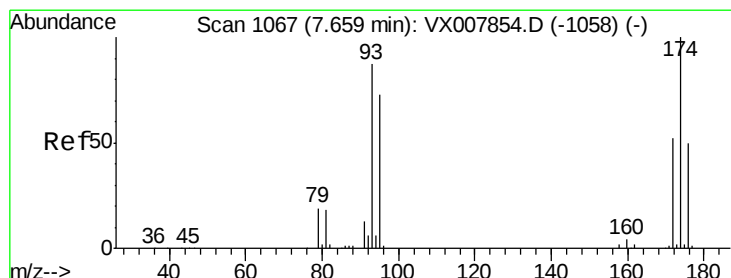
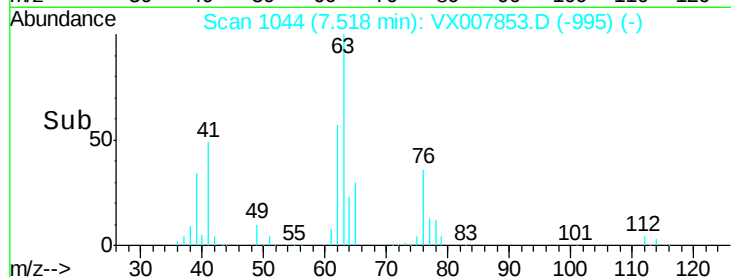
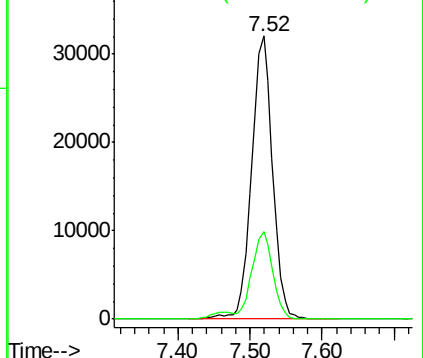
63 100

65 31.0 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.508 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX007853.D

Acq: 06 Mar 2019 10:34

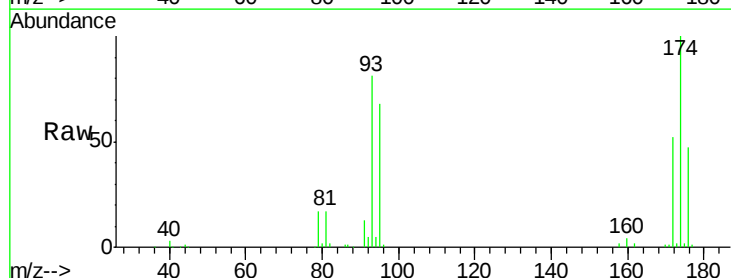
Tgt Ion: 93 Resp: 40376

Ion Ratio Lower Upper

93 100

95 82.6 66.8 100.2

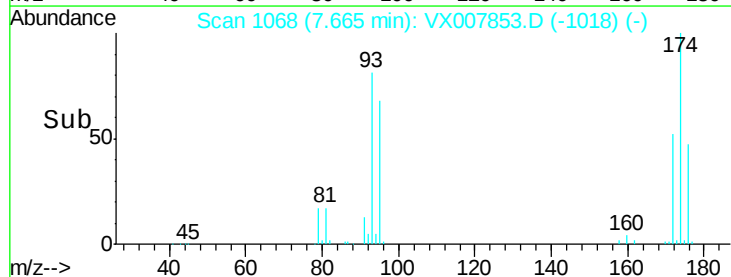
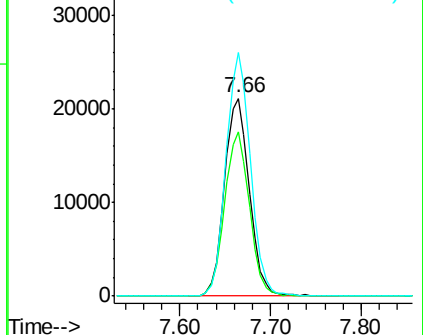
174 120.9 97.3 145.9

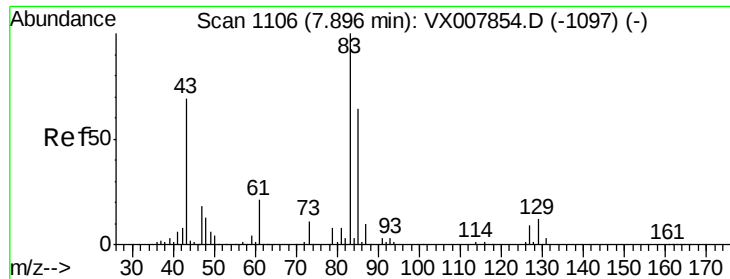


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.705 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007853.D

Acq: 06 Mar 2019 10:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

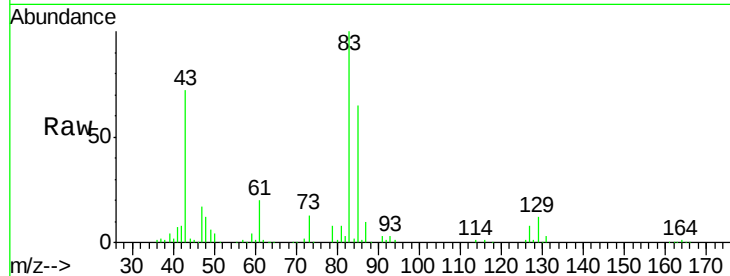
Tgt Ion: 83 Resp: 77326

Ion Ratio Lower Upper

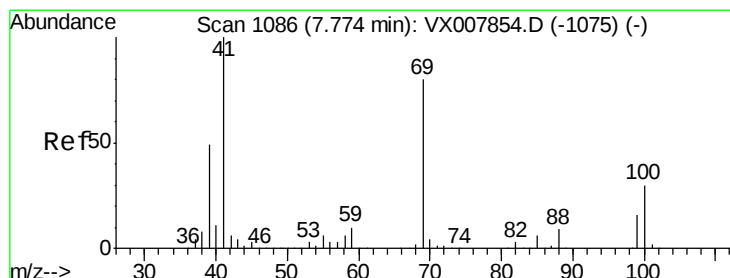
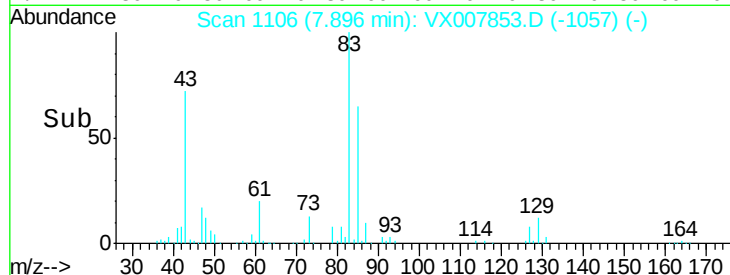
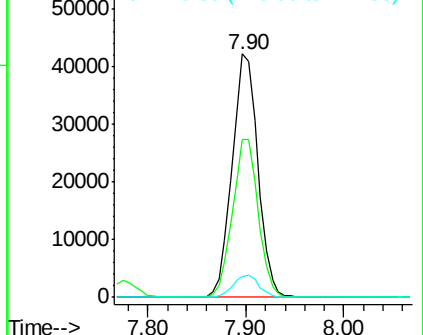
83 100

85 64.8 50.9 76.3

127 8.5 7.4 11.0



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



#48

Methyl methacrylate

Concen: 19.448 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX007853.D

Acq: 06 Mar 2019 10:34

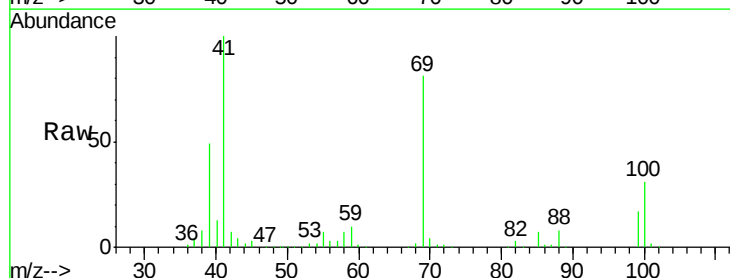
Tgt Ion: 41 Resp: 74695

Ion Ratio Lower Upper

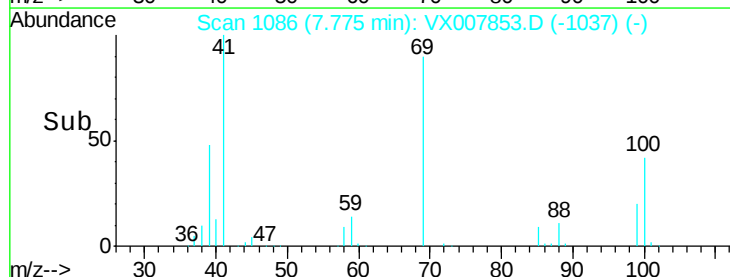
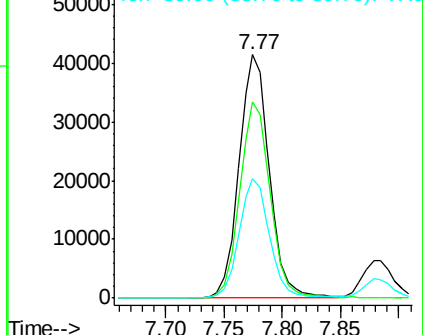
41 100

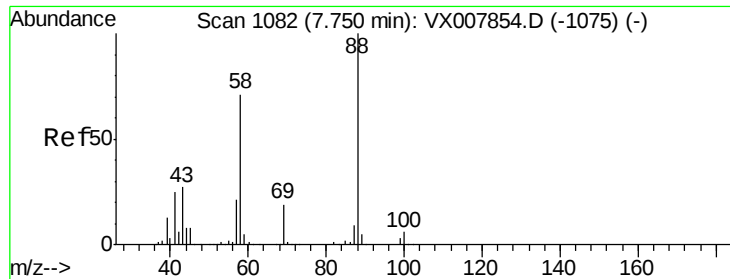
69 81.3 65.2 97.8

39 49.9 39.4 59.2



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

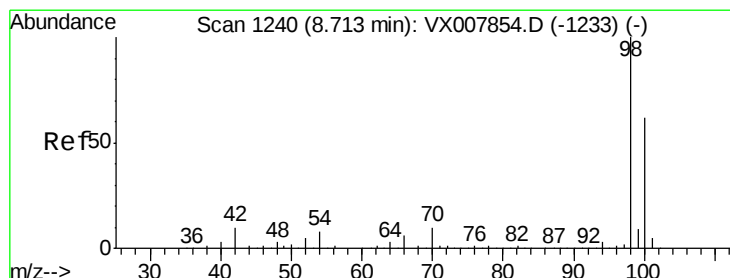
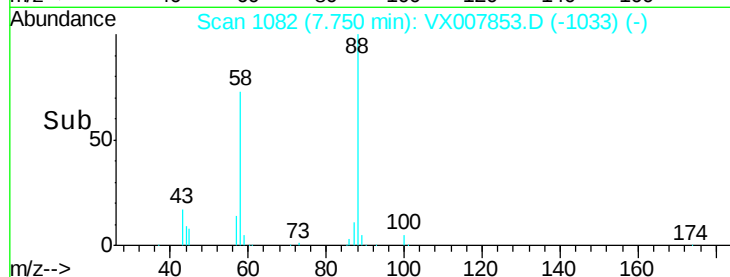
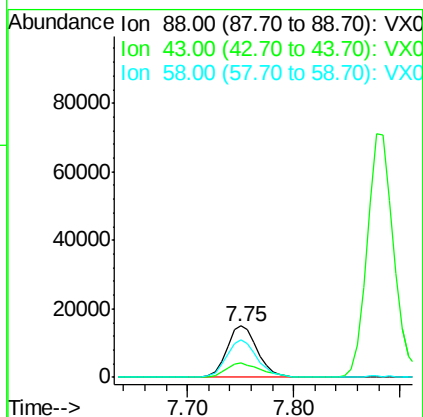
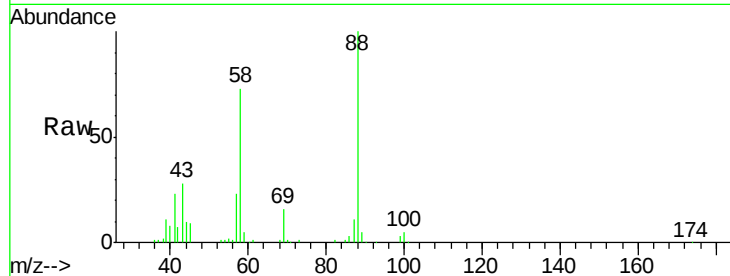




#49
1,4-Dioxane
Concen: 379.348 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX007853.D
Acq: 06 Mar 2019 10:34

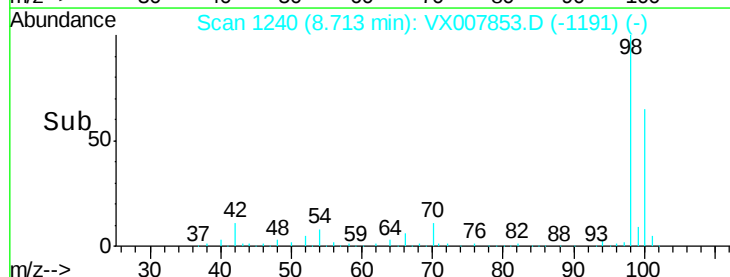
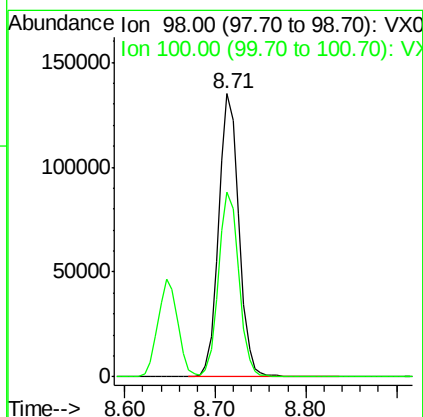
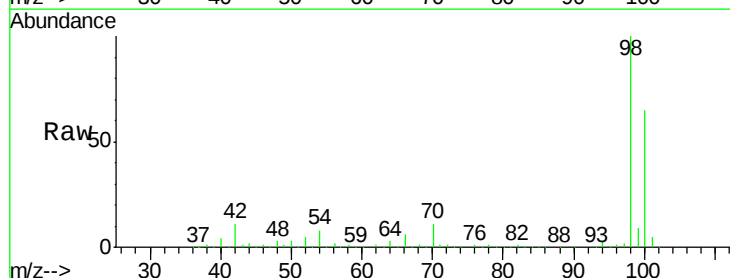
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 88 Resp: 29929
Ion Ratio Lower Upper
88 100
43 33.0 25.1 37.7
58 75.2 57.8 86.6



#50
Toluene-d8
Concen: 19.539 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007853.D
Acq: 06 Mar 2019 10:34

Tgt Ion: 98 Resp: 210852
Ion Ratio Lower Upper
98 100
100 65.8 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 101.278 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX007853.D

Acq: 06 Mar 2019 10:34

Instrument :

MSVOA_X

ClientSampleId :

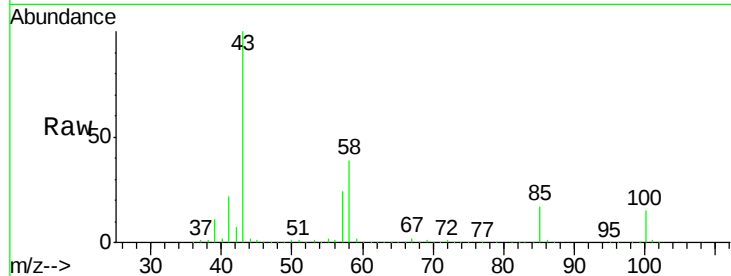
VSTDIC020

Tgt Ion: 43 Resp: 475792

Ion Ratio Lower Upper

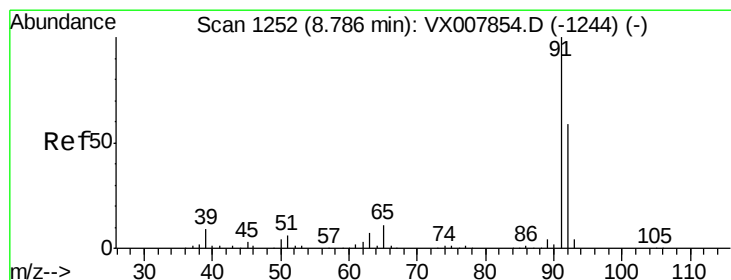
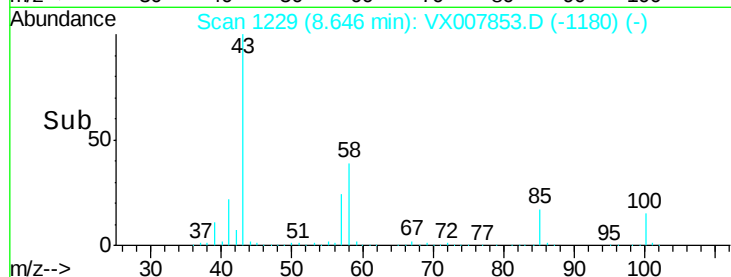
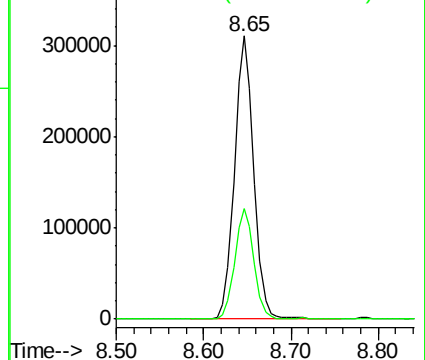
43 100

58 38.8 31.3 46.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.471 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX007853.D

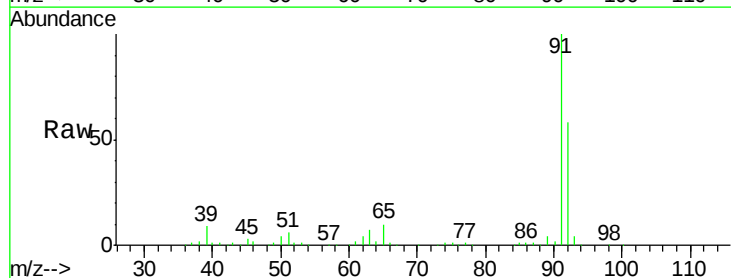
Acq: 06 Mar 2019 10:34

Tgt Ion: 92 Resp: 147198

Ion Ratio Lower Upper

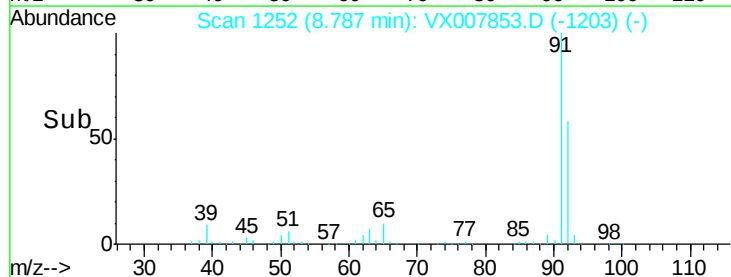
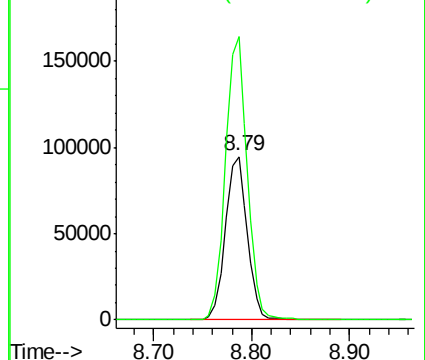
92 100

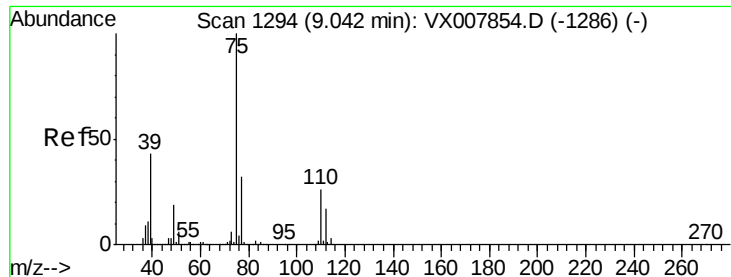
91 172.4 137.4 206.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 19.350 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007853.D

Acq: 06 Mar 2019 10:34

Instrument :

MSVOA_X

ClientSampleId :

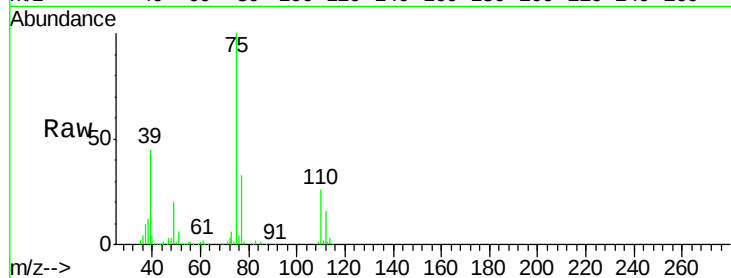
VSTDIC020

Tgt Ion: 75 Resp: 79252

Ion Ratio Lower Upper

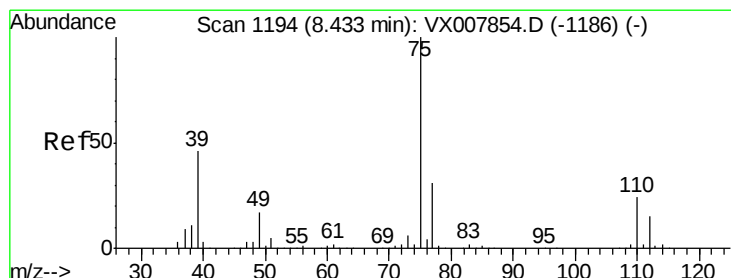
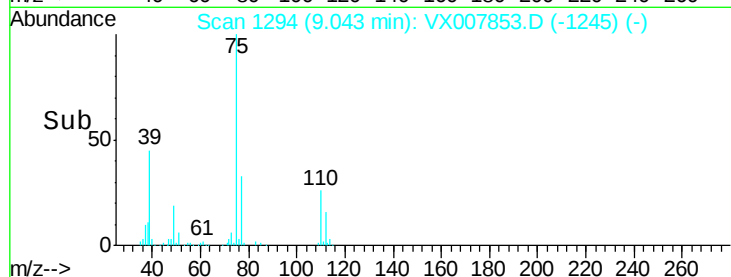
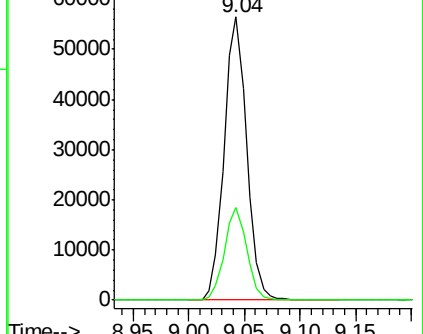
75 100

77 32.5 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 19.591 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX007853.D

Acq: 06 Mar 2019 10:34

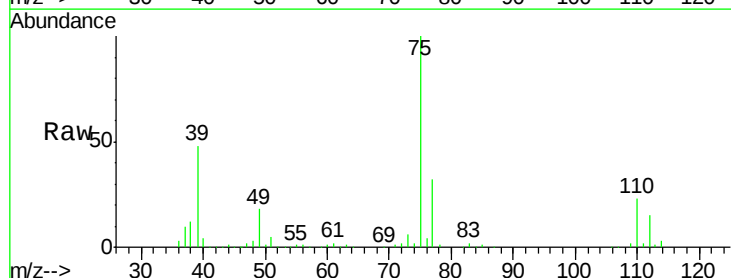
Tgt Ion: 75 Resp: 90612

Ion Ratio Lower Upper

75 100

77 32.2 25.0 37.6

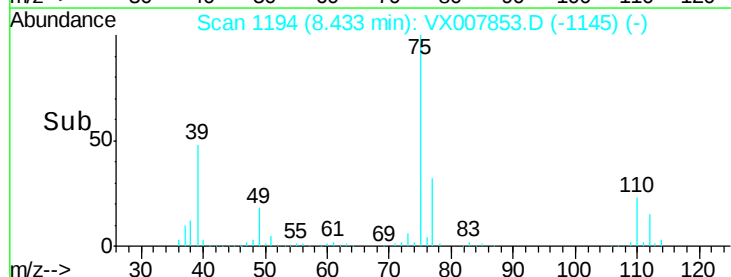
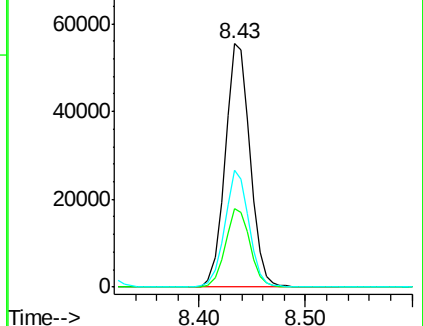
39 47.7 36.6 54.8

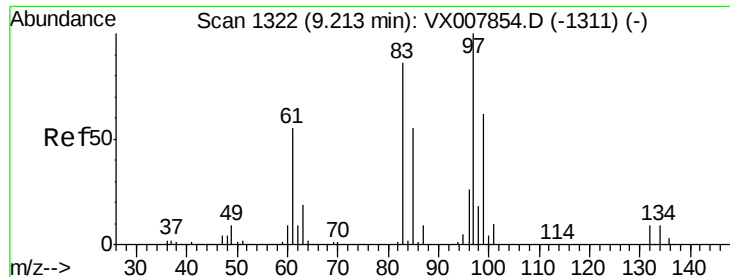


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

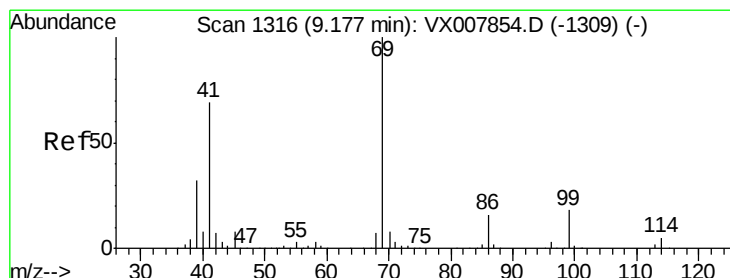
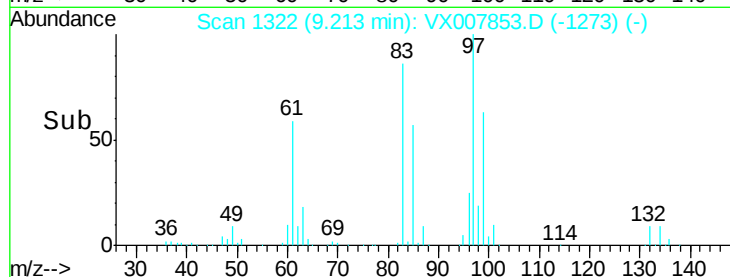
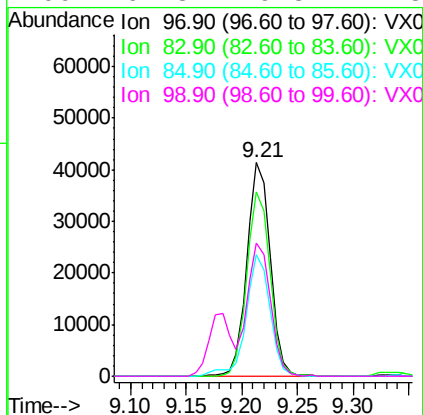
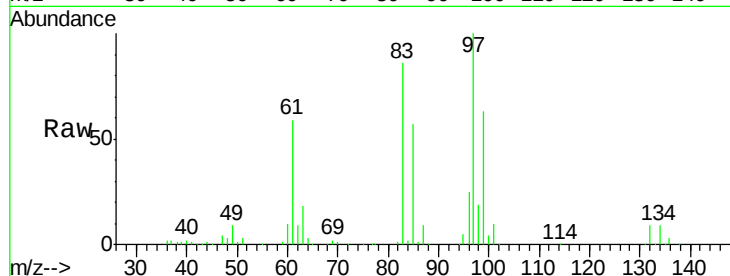




#55
 1,1,2-Trichloroethane
 Concen: 19.764 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX007853.D
 Acq: 06 Mar 2019 10:34

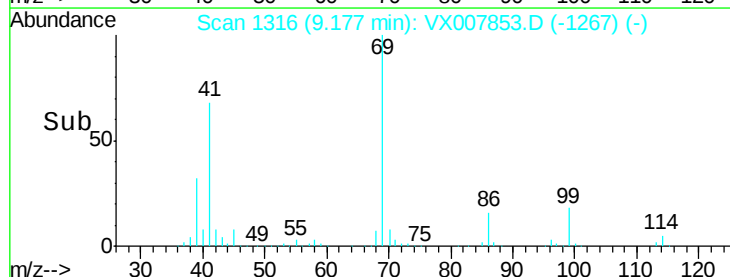
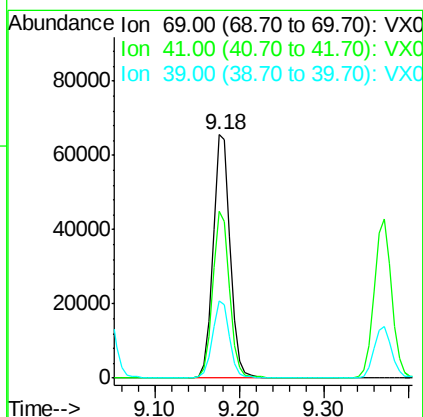
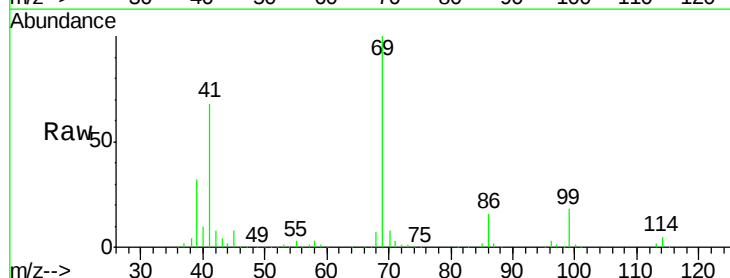
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

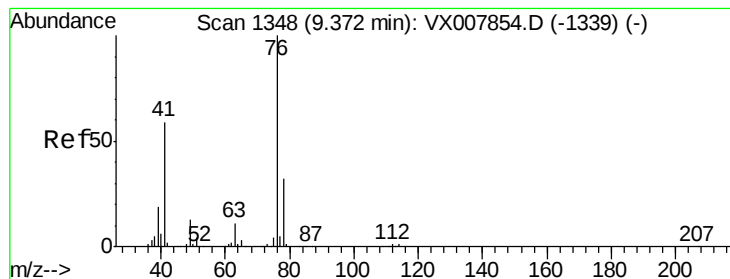
Tgt Ion:	97	Resp:	60486
Ion	Ratio	Lower	Upper
97	100		
83	86.1	69.1	103.7
85	56.8	44.3	66.5
99	62.3	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 20.120 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX007853.D
 Acq: 06 Mar 2019 10:34

Tgt Ion:	69	Resp:	92453
Ion	Ratio	Lower	Upper
69	100		
41	66.8	54.2	81.4
39	31.2	25.0	37.4





#57

1,3-Dichloropropane

Concen: 19.886 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX007853.D

Acq: 06 Mar 2019 10:34

Instrument :

MSVOA_X

ClientSampleId :

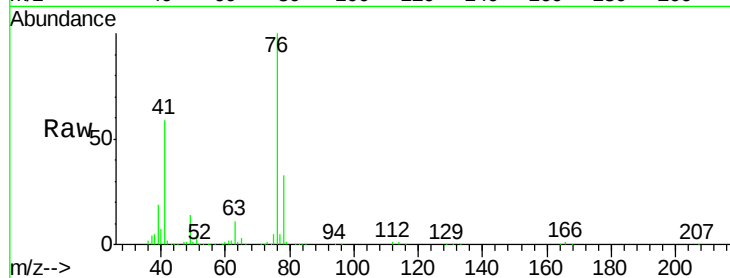
VSTDIC020

Tgt Ion: 76 Resp: 102183

Ion Ratio Lower Upper

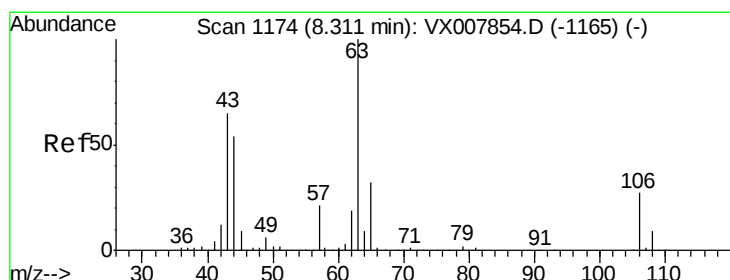
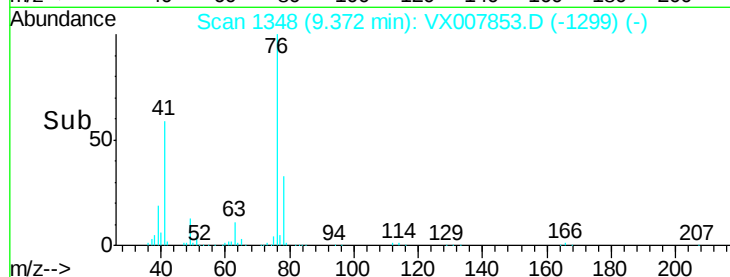
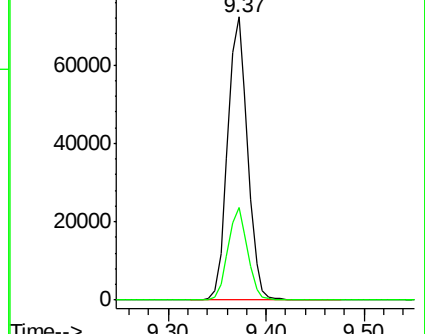
76 100

78 31.9 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 98.741 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX007853.D

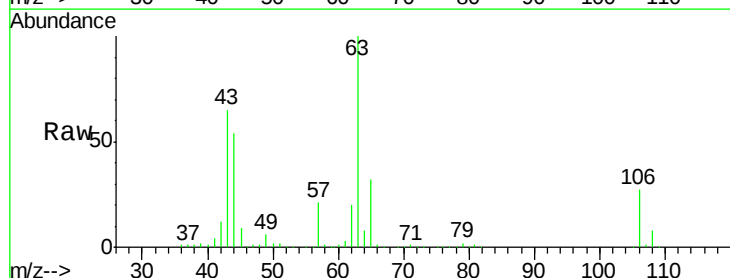
Acq: 06 Mar 2019 10:34

Tgt Ion: 63 Resp: 234694

Ion Ratio Lower Upper

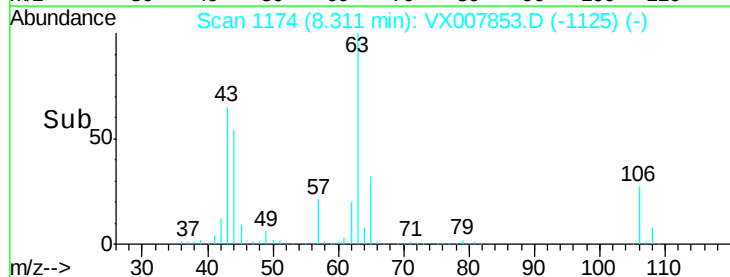
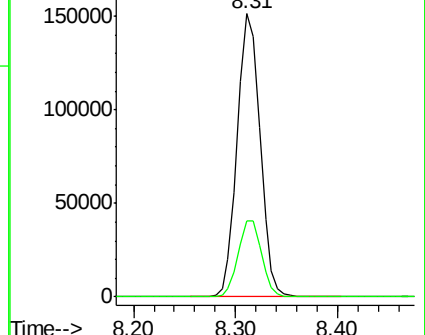
63 100

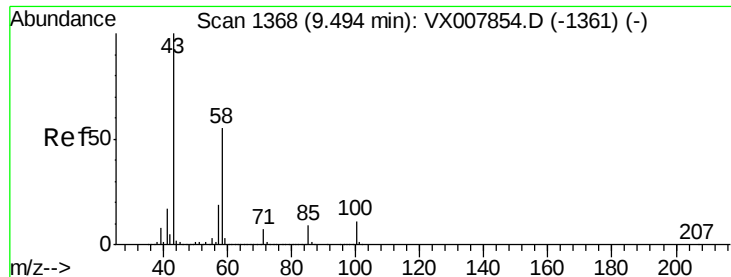
106 27.7 22.2 33.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

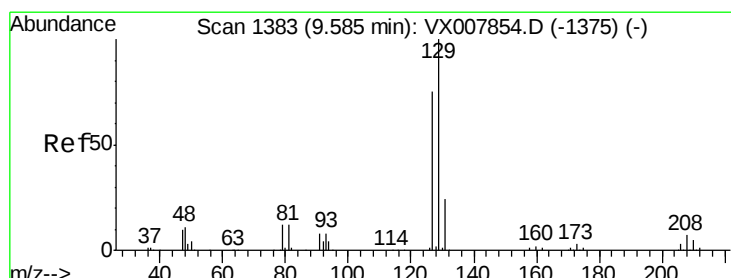
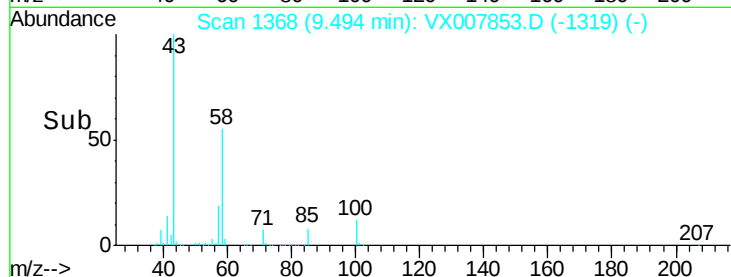
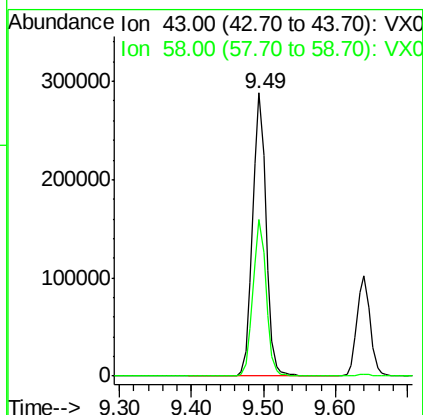
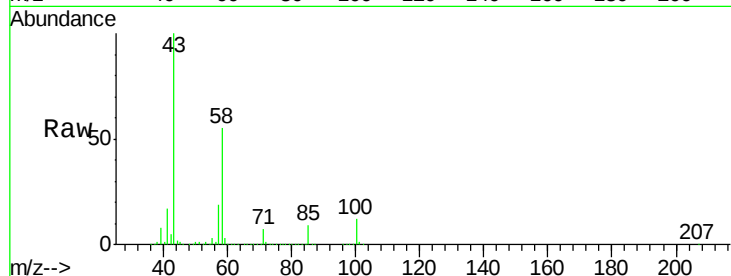




#59
2-Hexanone
Concen: 102.832 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007853.D
Acq: 06 Mar 2019 10:34

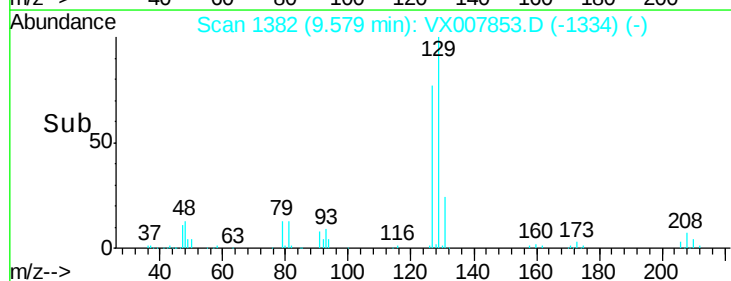
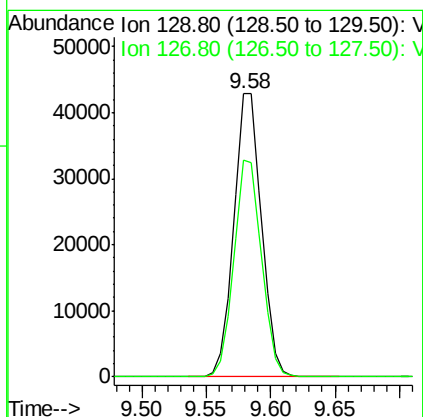
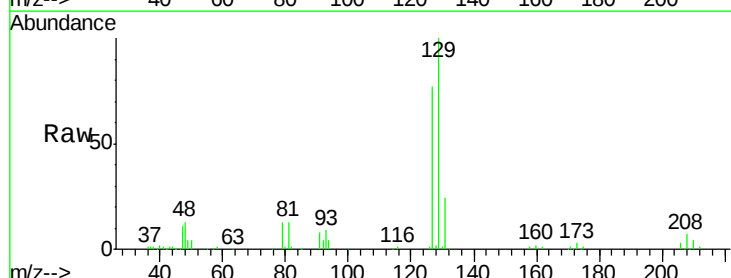
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

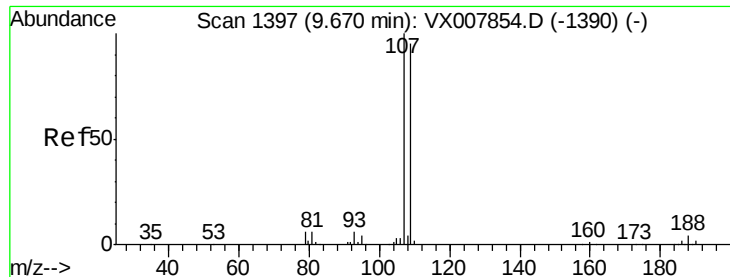
Tgt Ion: 43 Resp: 375062
Ion Ratio Lower Upper
43 100
58 54.6 27.6 82.7



#60
Dibromochloromethane
Concen: 20.051 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.01 min
Lab File: VX007853.D
Acq: 06 Mar 2019 10:34

Tgt Ion: 129 Resp: 64138
Ion Ratio Lower Upper
129 100
127 76.3 38.3 114.8





#61

1,2-Dibromoethane

Concen: 19.540 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007853.D

Acq: 06 Mar 2019 10:34

Instrument :

MSVOA_X

ClientSampleId :

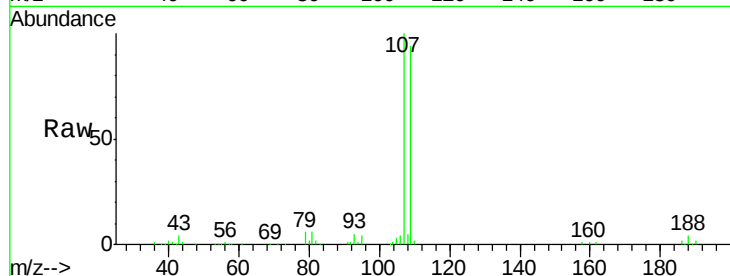
VSTDIC020

Tgt Ion: 107 Resp: 63491

Ion Ratio Lower Upper

107 100

109 94.4 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

50000

40000

30000

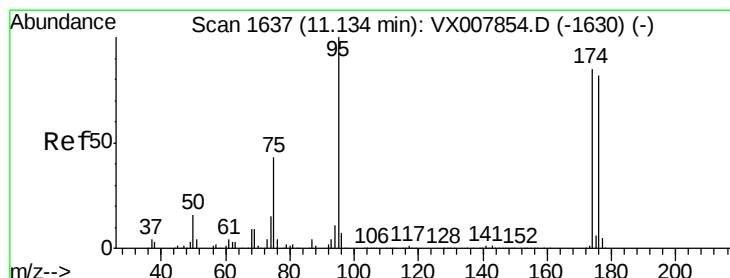
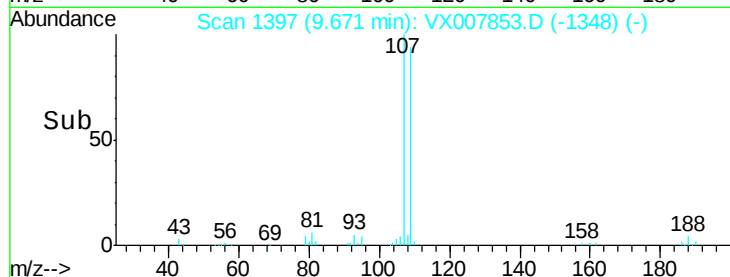
20000

10000

0

Time-->

9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 19.522 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007853.D

Acq: 06 Mar 2019 10:34

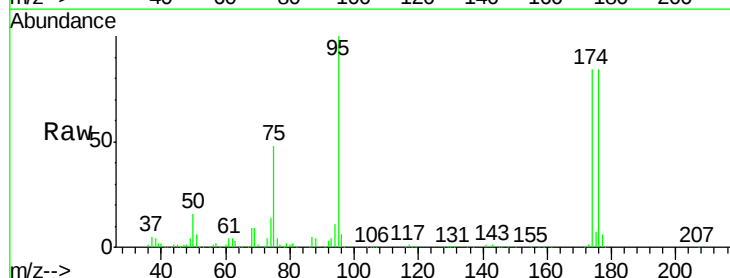
Tgt Ion: 95 Resp: 73859

Ion Ratio Lower Upper

95 100

174 91.0 0.0 182.8

176 89.2 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

11.13

80000

60000

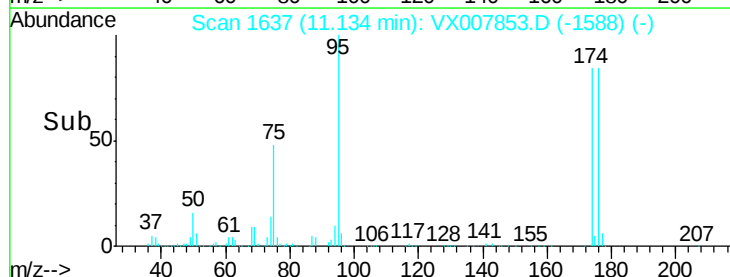
40000

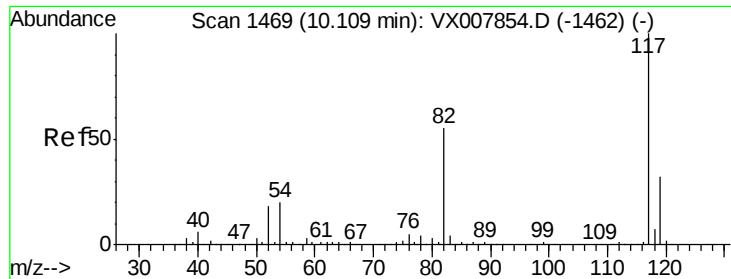
20000

0

Time-->

11.10 11.20

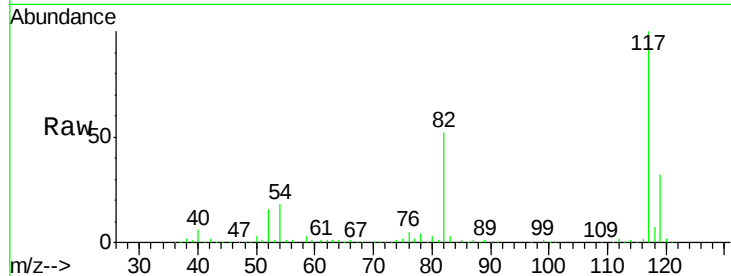




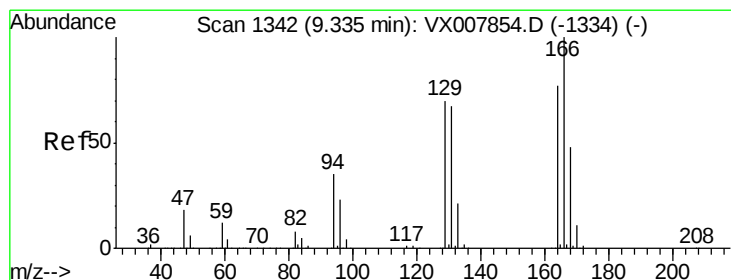
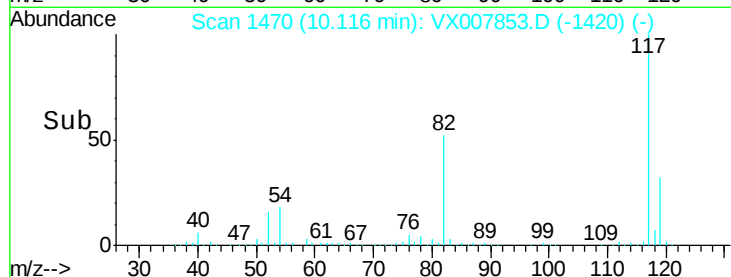
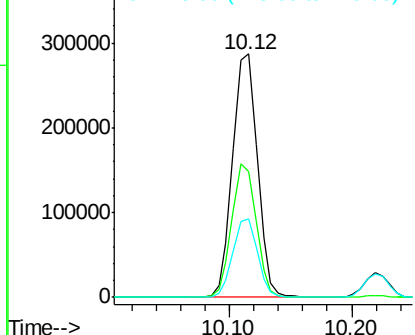
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007853.D
Acq: 06 Mar 2019 10:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:117 Resp: 403594
Ion Ratio Lower Upper
117 100
82 51.7 44.3 66.5
119 32.3 25.3 37.9



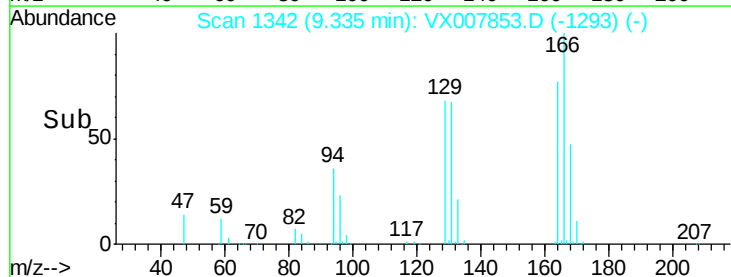
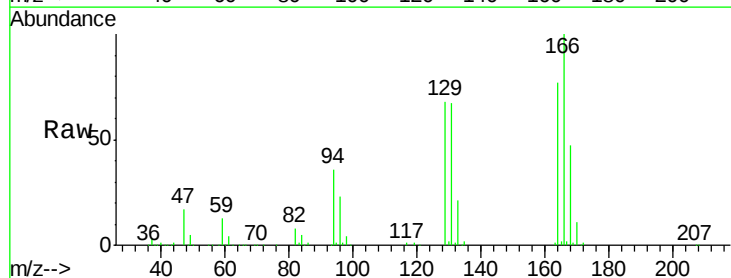
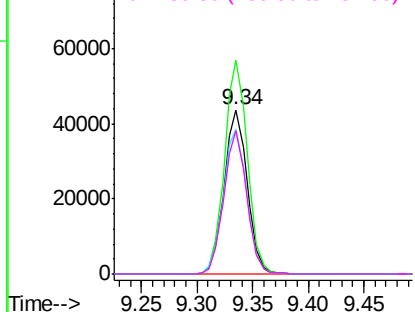
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

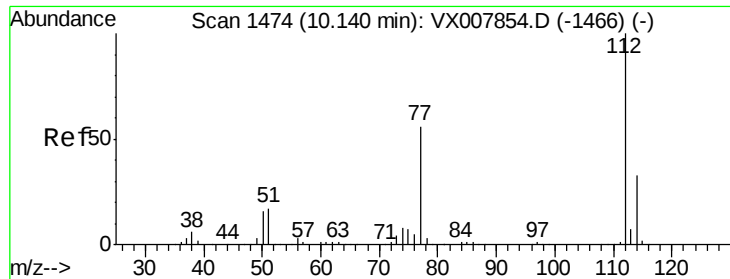


#64
Tetrachloroethene
Concen: 18.765 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007853.D
Acq: 06 Mar 2019 10:34

Tgt Ion:164 Resp: 62761
Ion Ratio Lower Upper
164 100
166 129.9 103.4 155.0
129 88.3 72.2 108.4
131 87.3 69.4 104.2

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

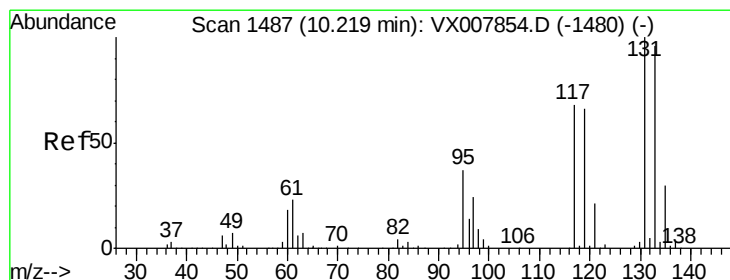
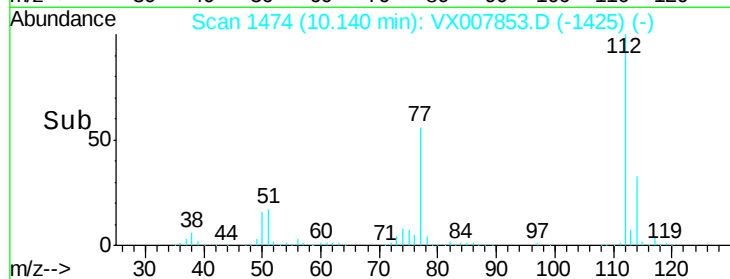
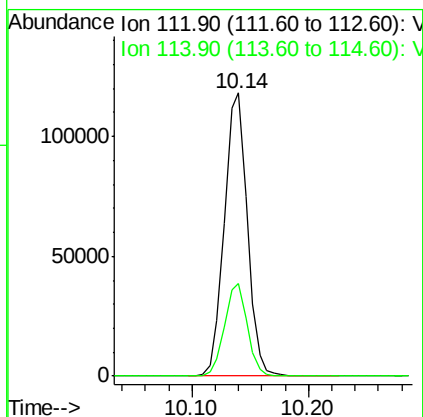
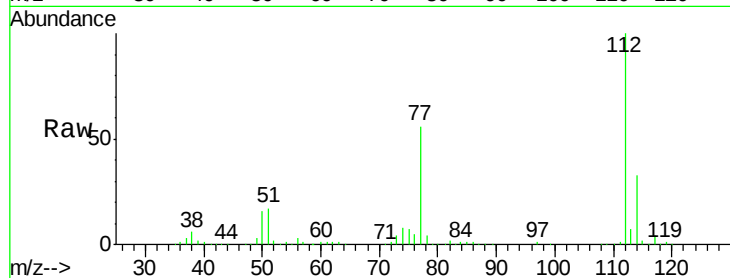




#65
Chlorobenzene
Concen: 19.146 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX007853.D
Acq: 06 Mar 2019 10:34

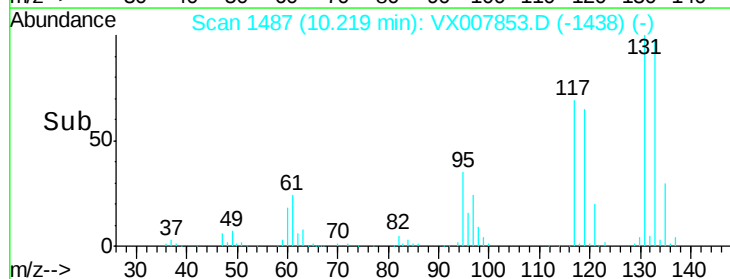
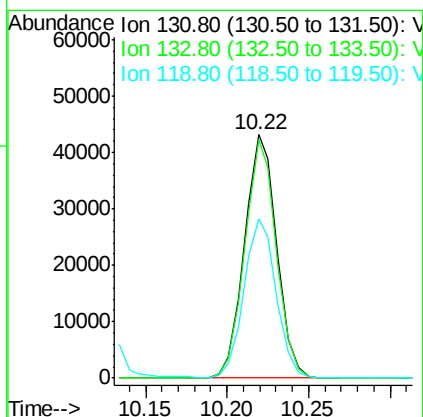
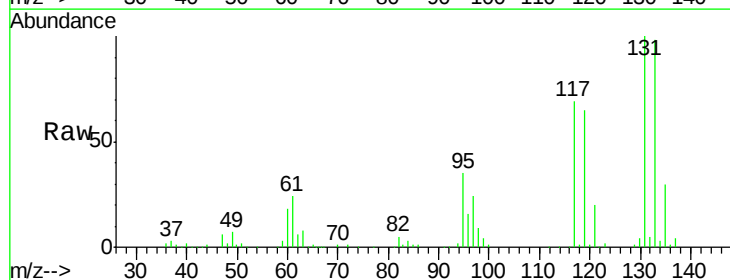
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

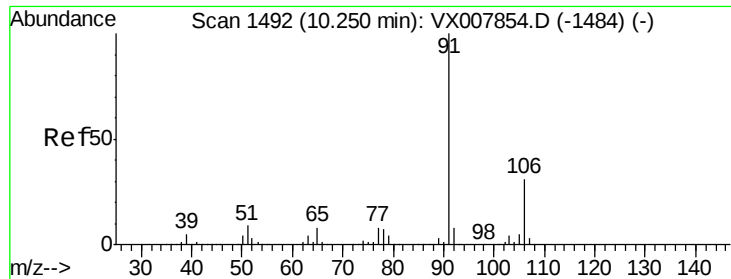
Tgt Ion:112 Resp: 161695
Ion Ratio Lower Upper
112 100
114 32.7 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 19.538 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX007853.D
Acq: 06 Mar 2019 10:34

Tgt Ion:131 Resp: 59138
Ion Ratio Lower Upper
131 100
133 95.7 47.8 143.3
119 65.4 32.5 97.5

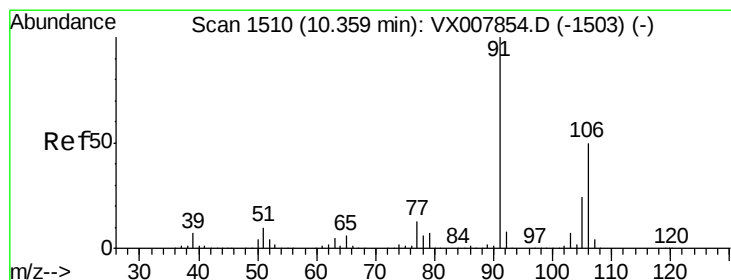
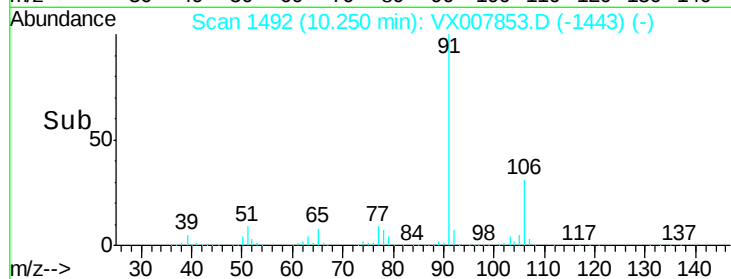
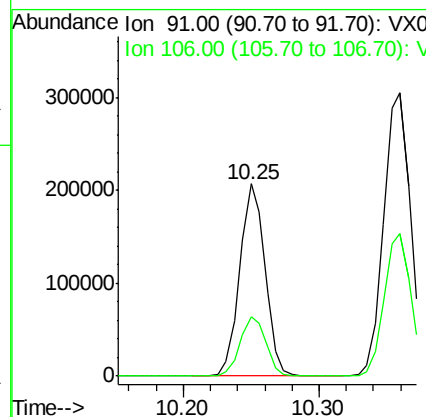
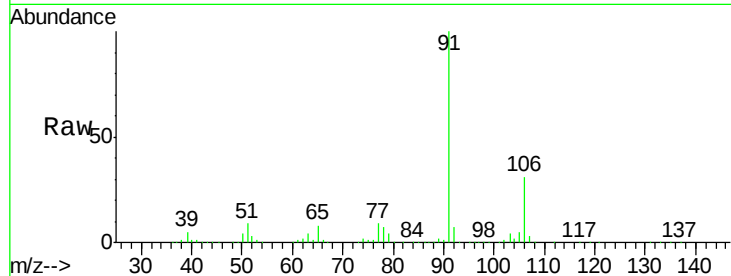




#67
Ethyl Benzene
Concen: 19.313 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX007853.D
Acq: 06 Mar 2019 10:34

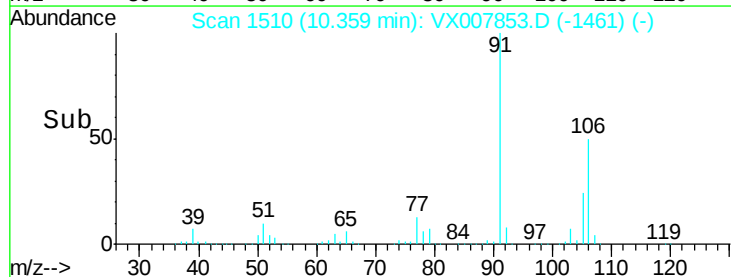
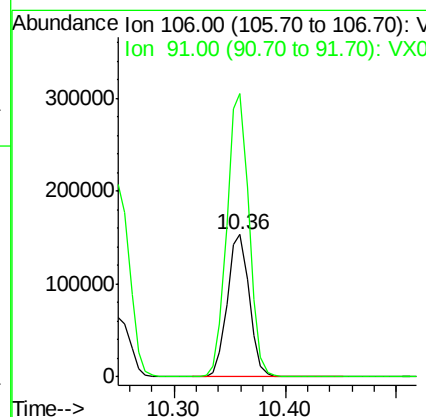
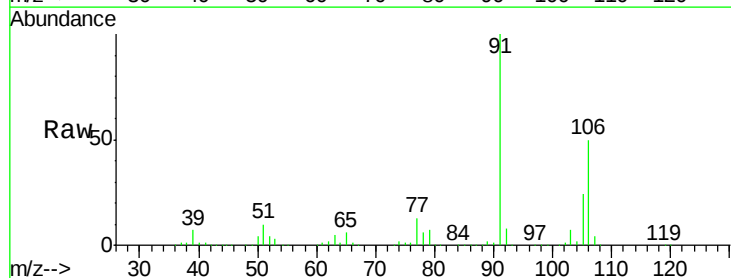
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

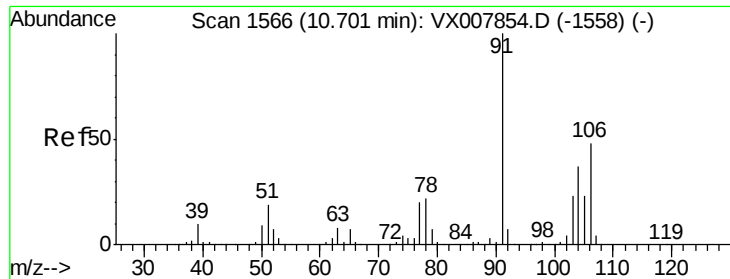
Tgt Ion: 91 Resp: 268498
Ion Ratio Lower Upper
91 100
106 30.8 25.2 37.8



#68
m/p-Xylenes
Concen: 39.130 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX007853.D
Acq: 06 Mar 2019 10:34

Tgt Ion: 106 Resp: 209683
Ion Ratio Lower Upper
106 100
91 199.6 159.8 239.6

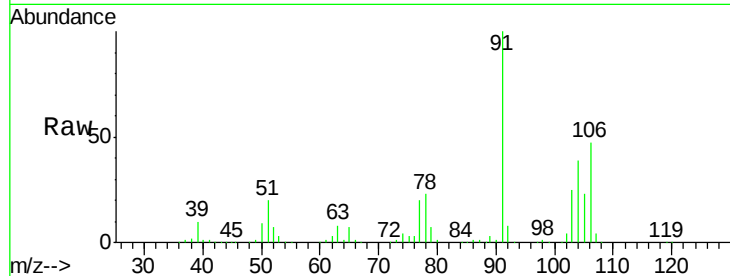




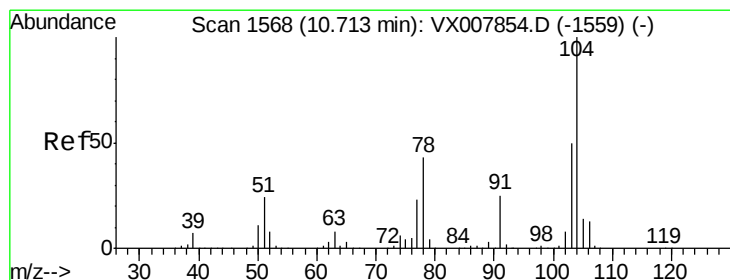
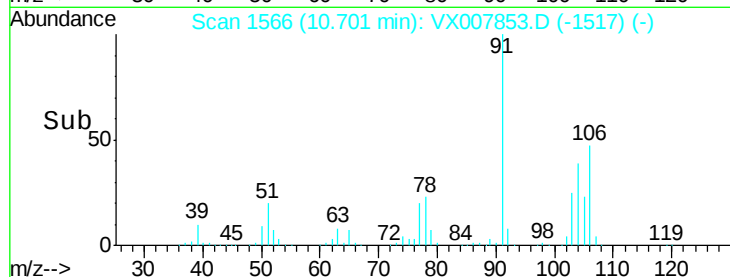
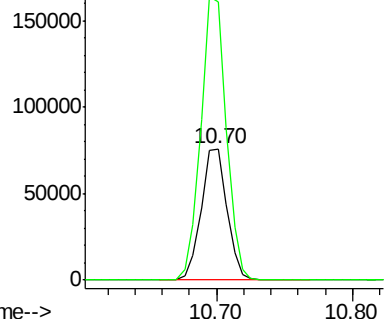
#69
o-Xylene
Concen: 19.447 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX007853.D
Acq: 06 Mar 2019 10:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 100605
Ion Ratio Lower Upper
106 100
91 213.1 106.3 318.9

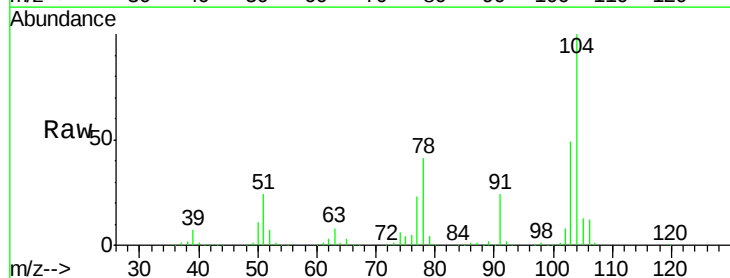


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

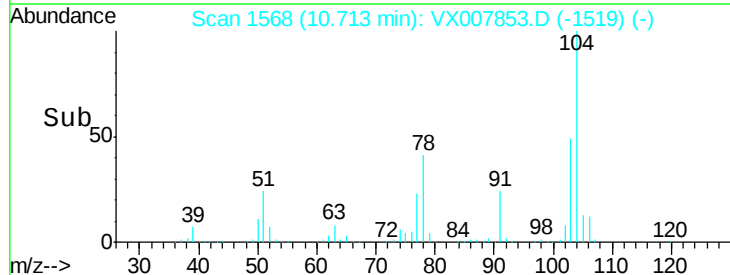
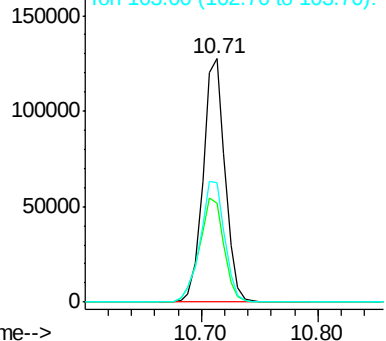


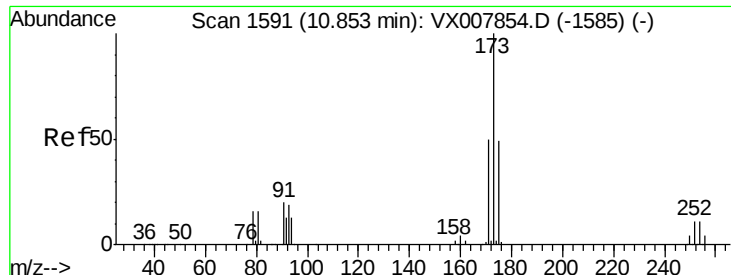
#70
Styrene
Concen: 19.721 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007853.D
Acq: 06 Mar 2019 10:34

Tgt Ion:104 Resp: 166954
Ion Ratio Lower Upper
104 100
78 47.9 38.5 57.7
103 55.3 44.1 66.1



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





#71

Bromoform

Concen: 19.514 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.01 min

Lab File: VX007853.D

Acq: 06 Mar 2019 10:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

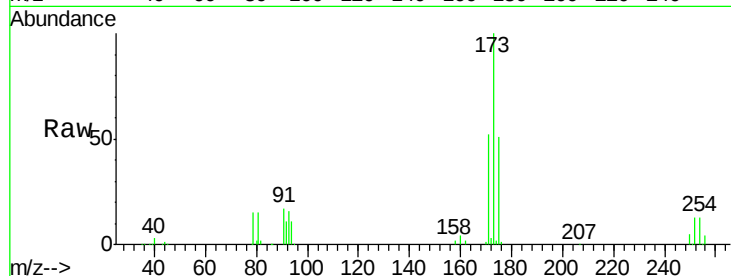
Tgt Ion:173 Resp: 50725

Ion Ratio Lower Upper

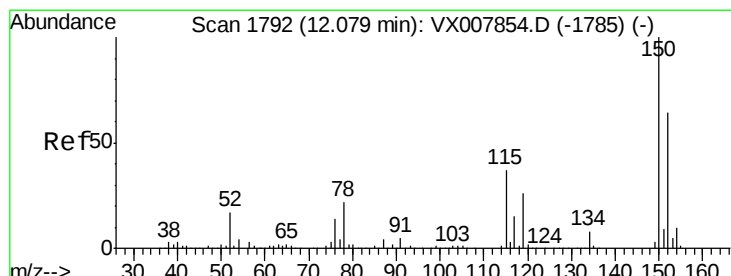
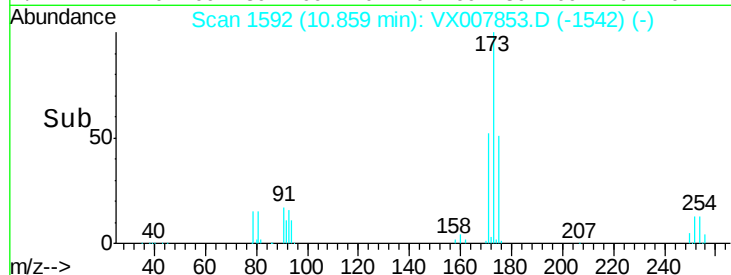
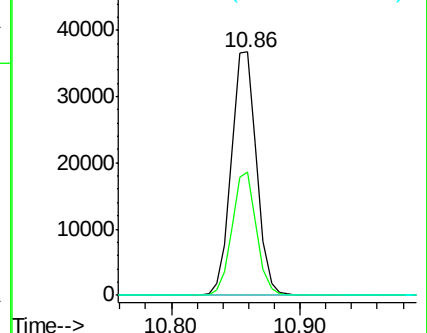
173 100

175 49.1 24.3 72.9

254 0.2 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007853.D

Acq: 06 Mar 2019 10:34

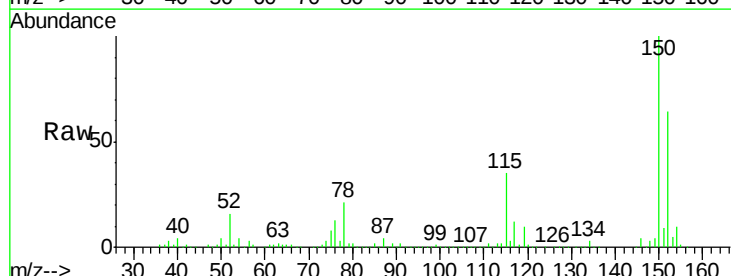
Tgt Ion:152 Resp: 199754

Ion Ratio Lower Upper

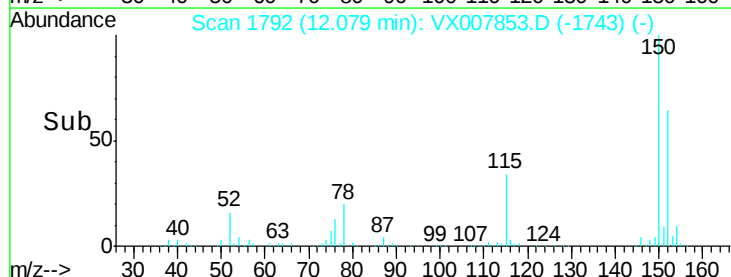
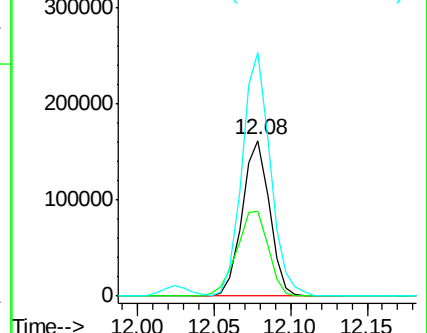
152 100

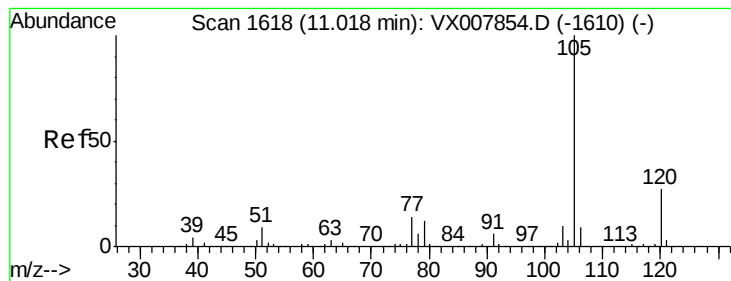
115 63.5 38.6 115.7

150 162.8 0.0 348.4



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





#73

Isopropylbenzene

Concen: 20.062 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007853.D

Acq: 06 Mar 2019 10:34

Instrument :

MSVOA_X

ClientSampleId :

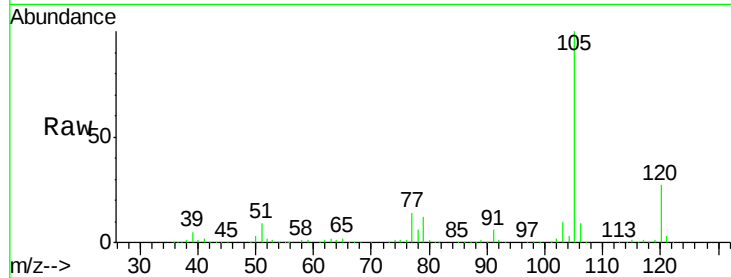
VSTDIC020

Tgt Ion: 105 Resp: 271030

Ion Ratio Lower Upper

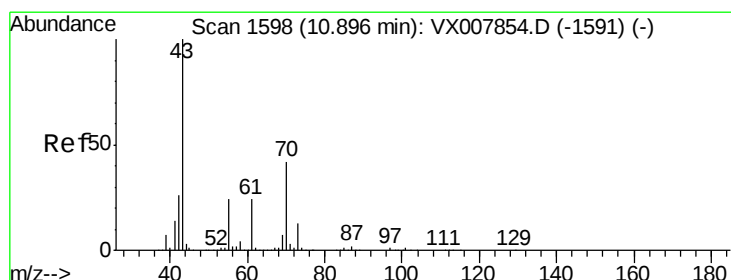
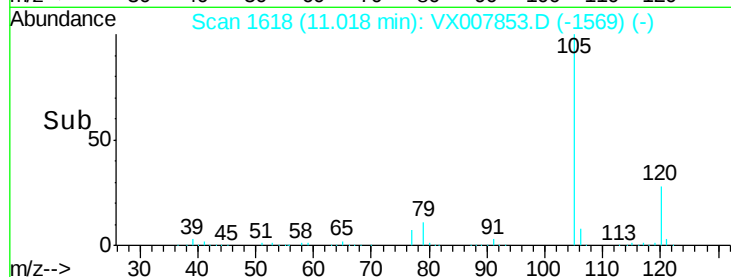
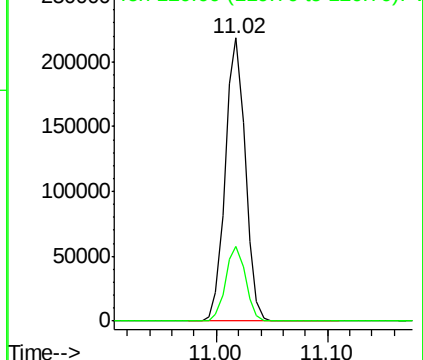
105 100

120 26.5 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.785 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007853.D

Acq: 06 Mar 2019 10:34

Tgt Ion: 43 Resp: 122027

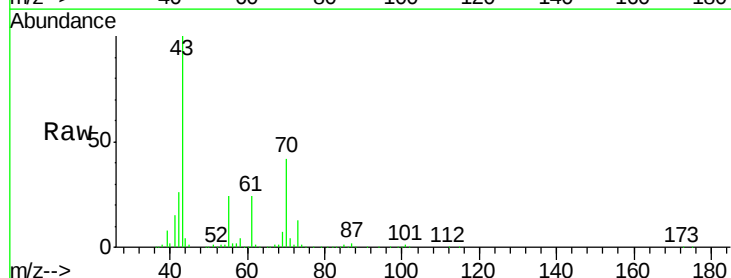
Ion Ratio Lower Upper

43 100

70 42.0 33.5 50.3

55 25.2 19.2 28.8

61 24.3 19.0 28.6

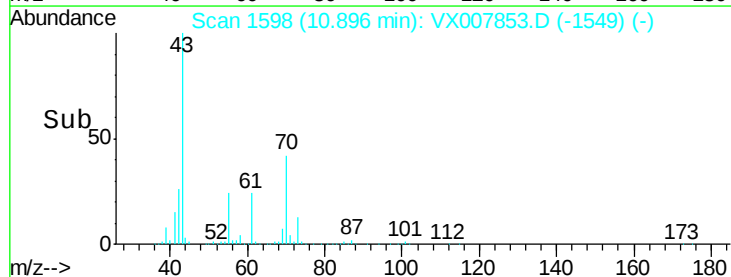
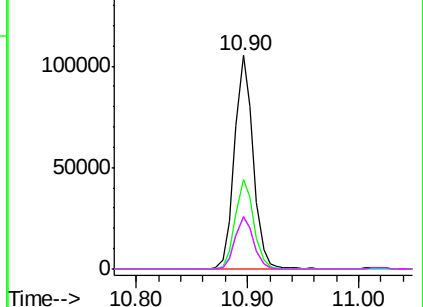


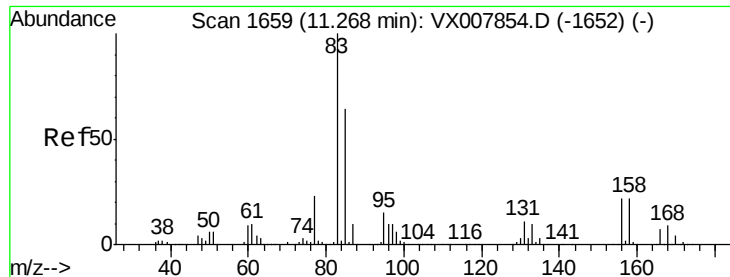
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.693 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007853.D

Acq: 06 Mar 2019 10:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

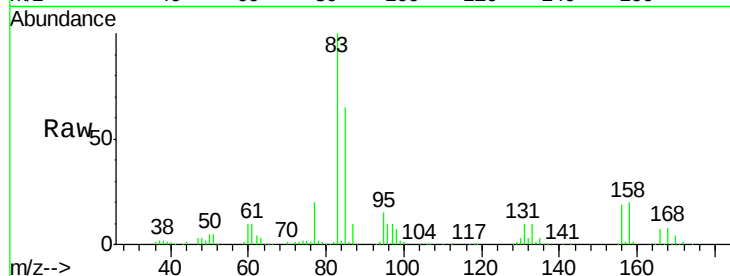
Tgt Ion: 83 Resp: 91770

Ion Ratio Lower Upper

83 100

131 10.6 5.4 16.2

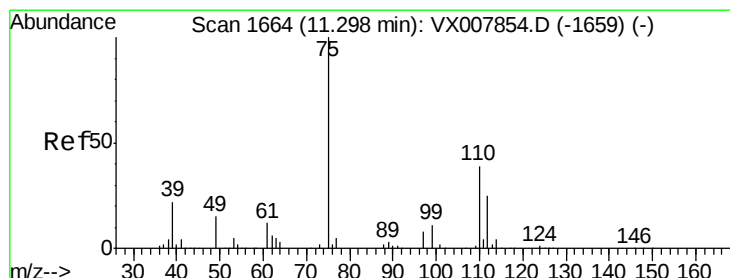
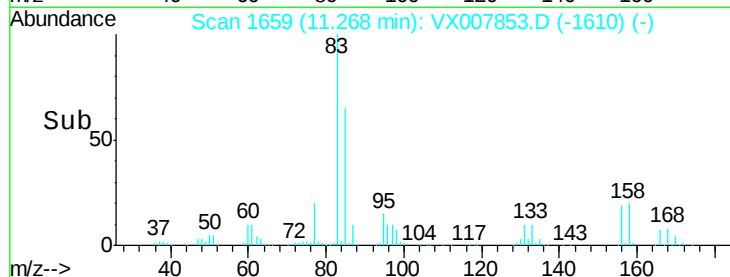
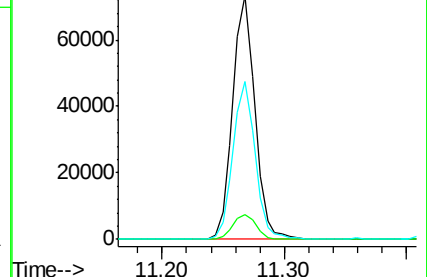
85 64.9 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.692 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX007853.D

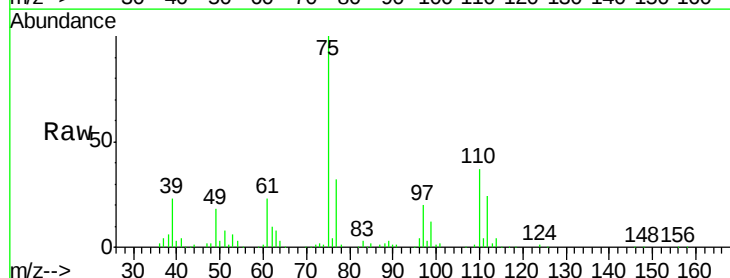
Acq: 06 Mar 2019 10:34

Tgt Ion: 75 Resp: 104360

Ion Ratio Lower Upper

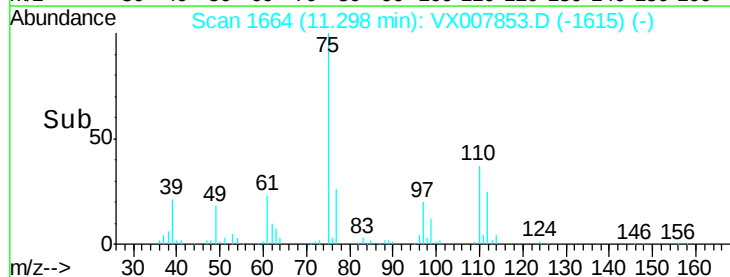
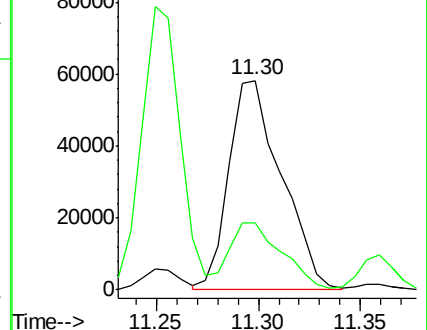
75 100

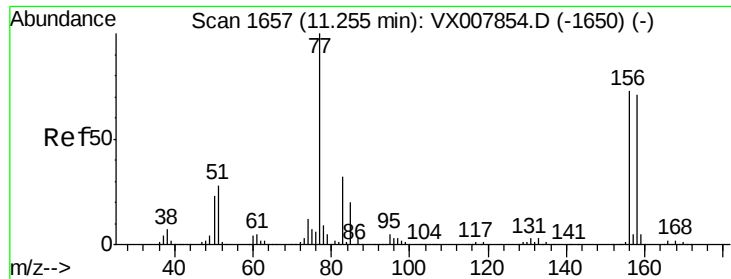
77 32.6 18.9 56.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.486 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007853.D

Acq: 06 Mar 2019 10:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

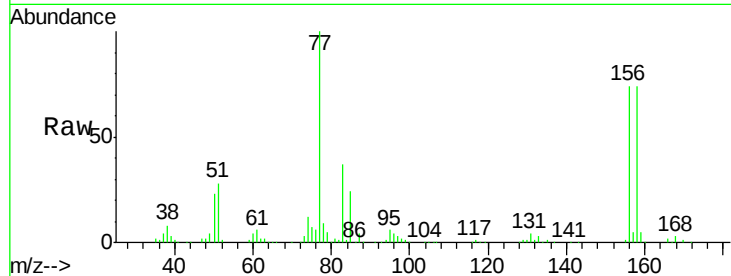
Tgt Ion:156 Resp: 72172

Ion Ratio Lower Upper

156 100

77 142.3 72.0 215.9

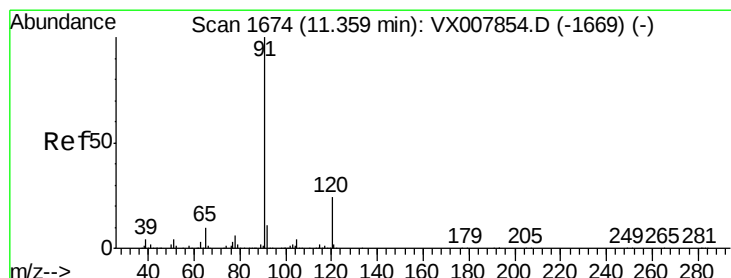
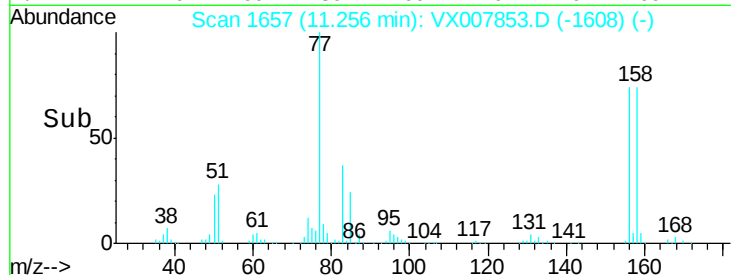
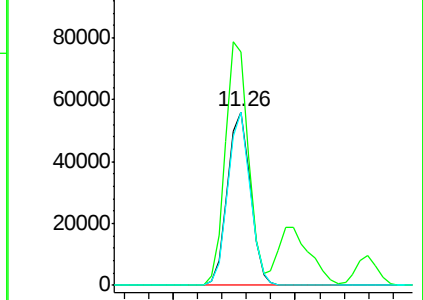
158 98.0 48.6 145.9



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: 19.915 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007853.D

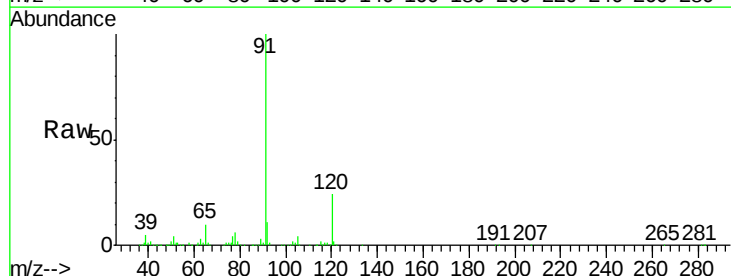
Acq: 06 Mar 2019 10:34

Tgt Ion: 91 Resp: 298469

Ion Ratio Lower Upper

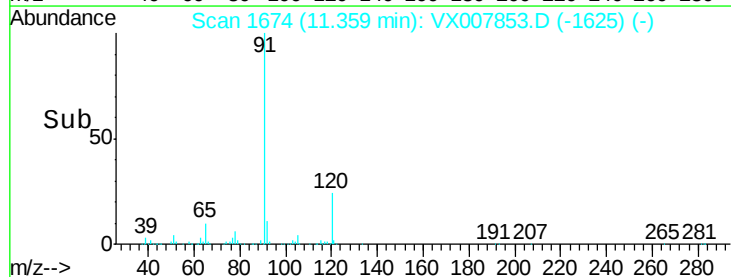
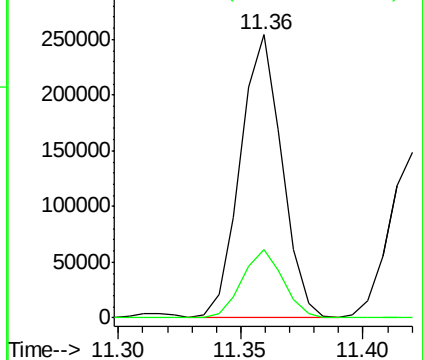
91 100

120 24.0 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

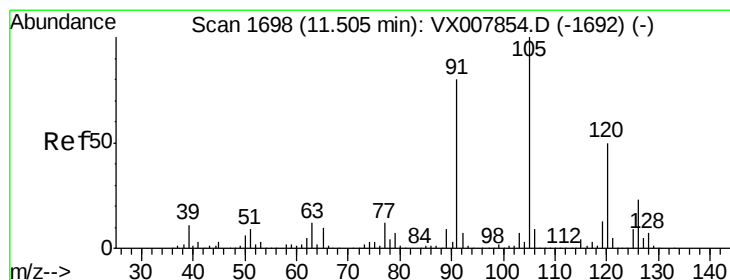
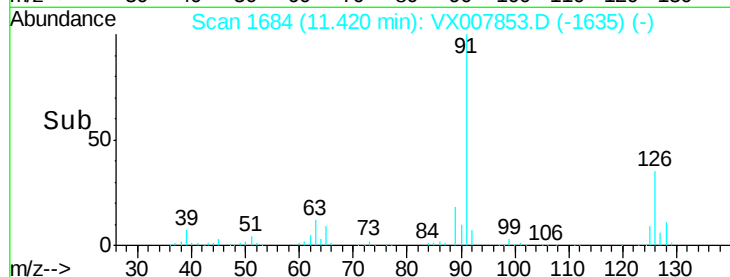
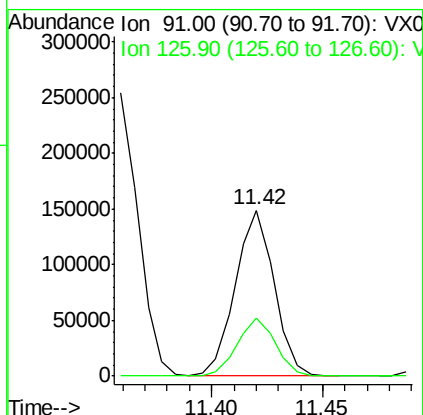
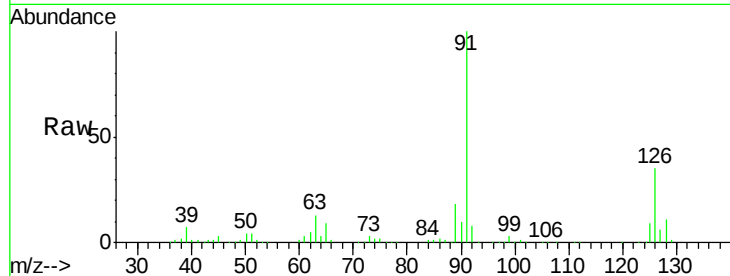




#79
2-Chlorotoluene
Concen: 19.657 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VX007853.D
Acq: 06 Mar 2019 10:34

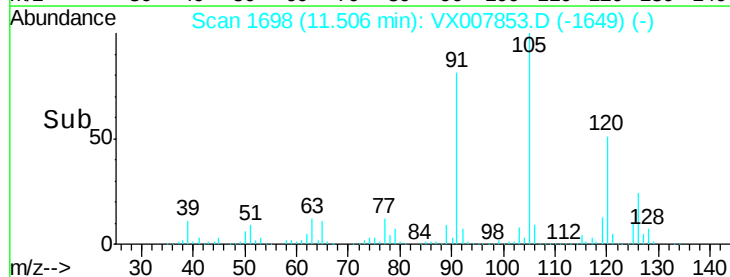
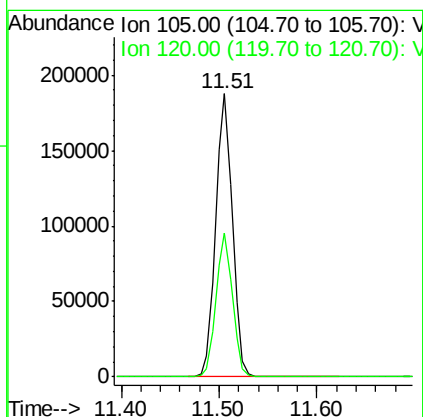
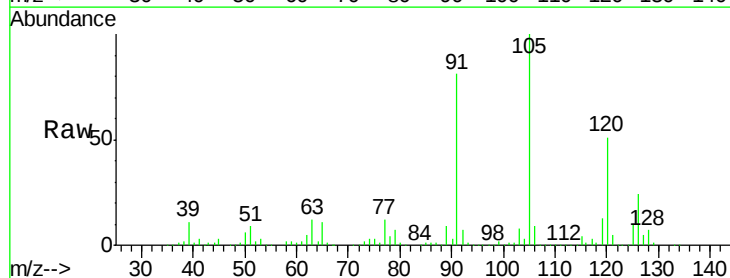
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

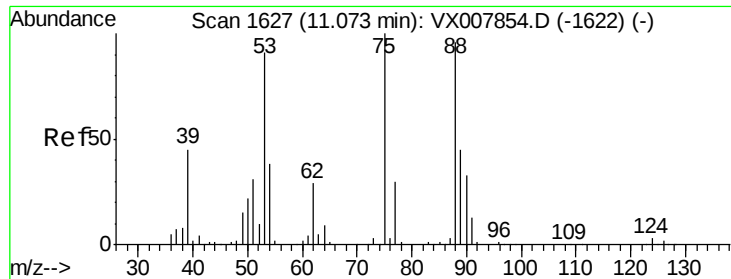
Tgt Ion: 91 Resp: 180131
Ion Ratio Lower Upper
91 100
126 35.0 17.5 52.6



#80
1,3,5-Trimethylbenzene
Concen: 19.999 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX007853.D
Acq: 06 Mar 2019 10:34

Tgt Ion: 105 Resp: 222369
Ion Ratio Lower Upper
105 100
120 50.0 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 19.325 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007853.D

Acq: 06 Mar 2019 10:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

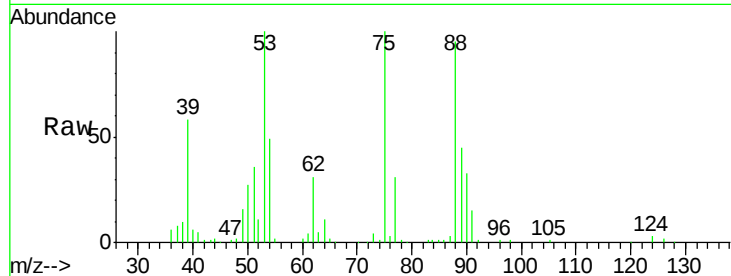
Tgt Ion: 75 Resp: 25341

Ion Ratio Lower Upper

75 100

53 103.3 76.1 114.1

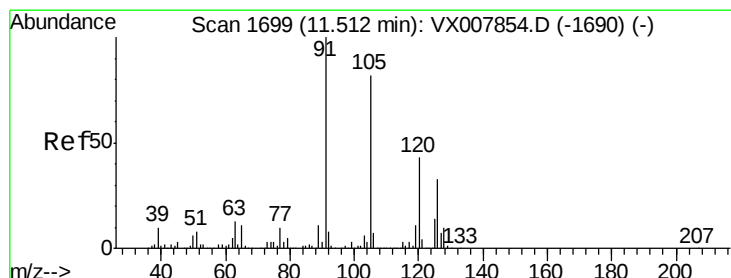
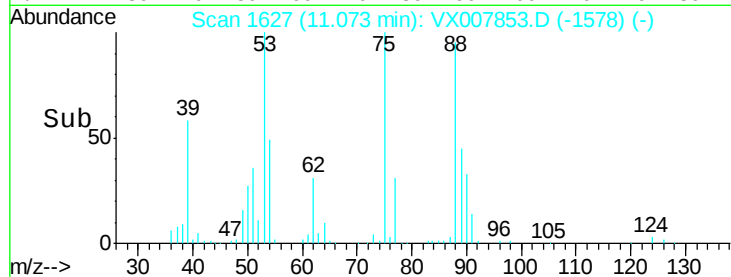
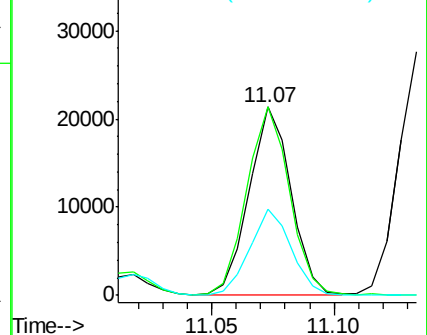
89 45.7 36.3 54.5



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: 19.507 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX007853.D

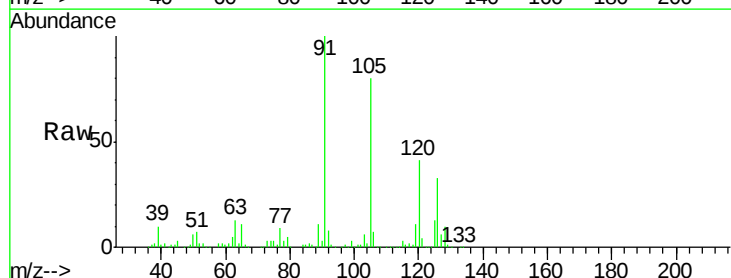
Acq: 06 Mar 2019 10:34

Tgt Ion: 91 Resp: 204855

Ion Ratio Lower Upper

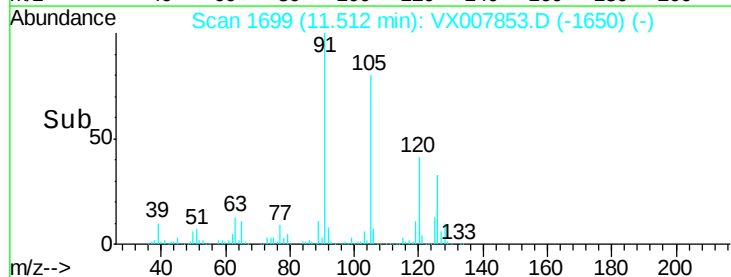
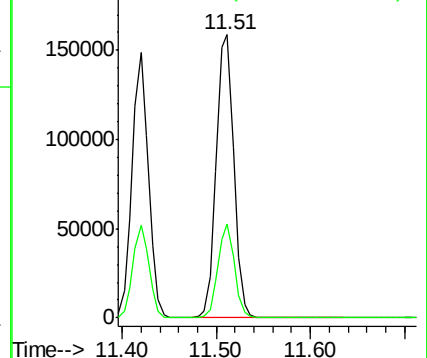
91 100

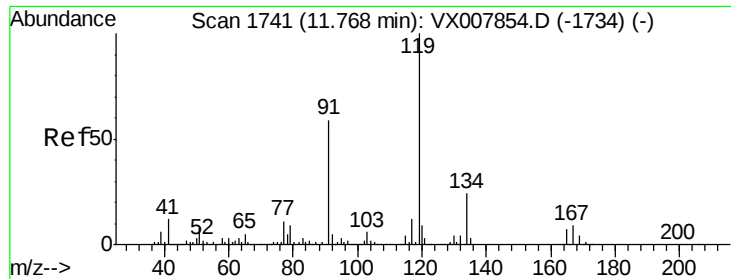
126 31.4 15.6 46.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

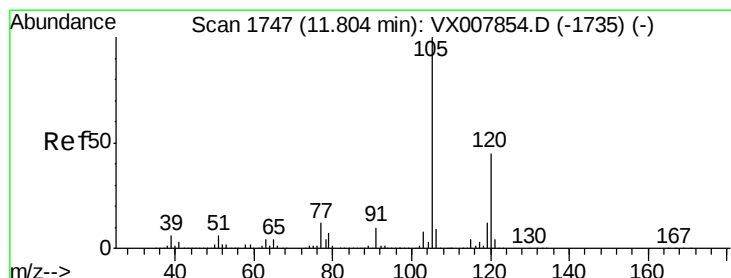
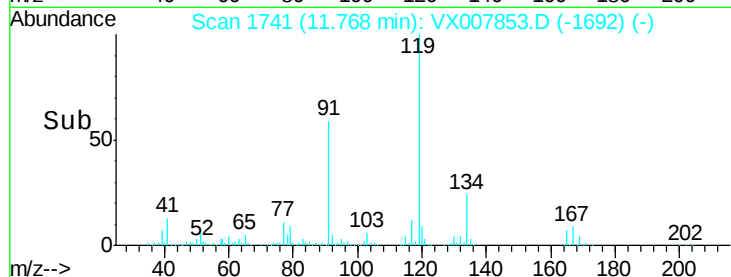
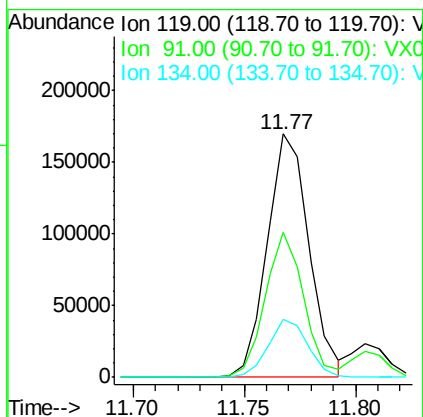
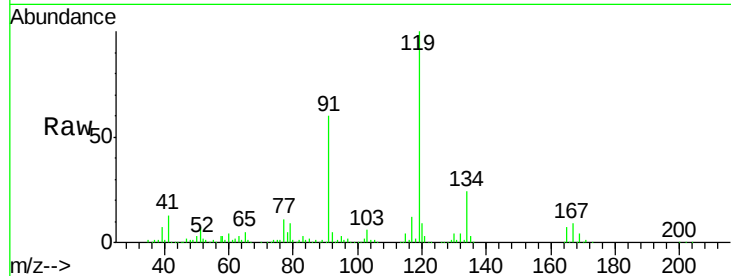




#83
 tert-Butylbenzene
 Concen: 19.702 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX007853.D
 Acq: 06 Mar 2019 10:34

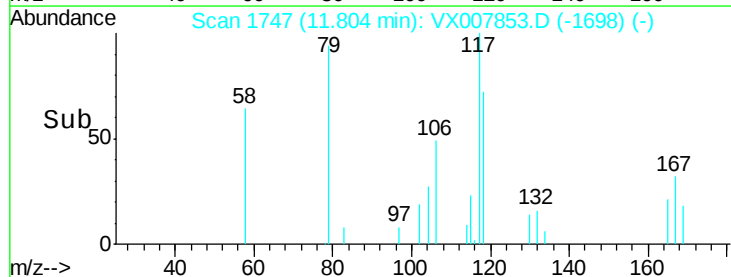
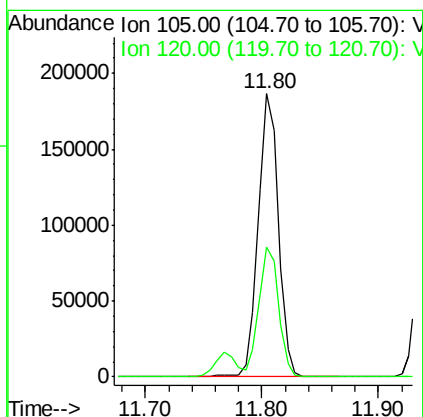
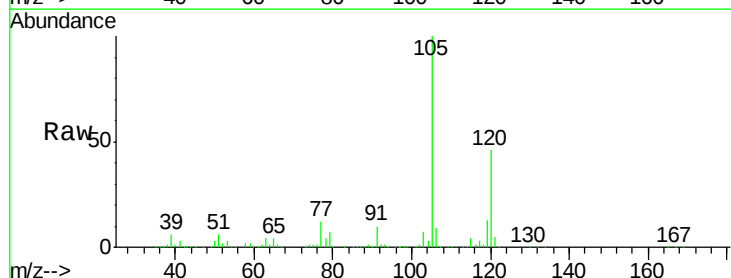
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

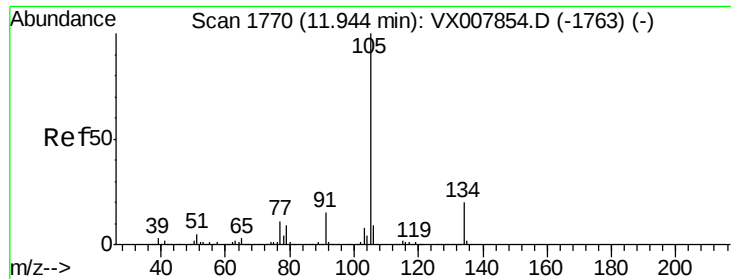
Tgt Ion:119 Resp: 220668
 Ion Ratio Lower Upper
 119 100
 91 55.0 27.1 81.3
 134 22.9 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 20.000 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX007853.D
 Acq: 06 Mar 2019 10:34

Tgt Ion:105 Resp: 227968
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.6 67.7

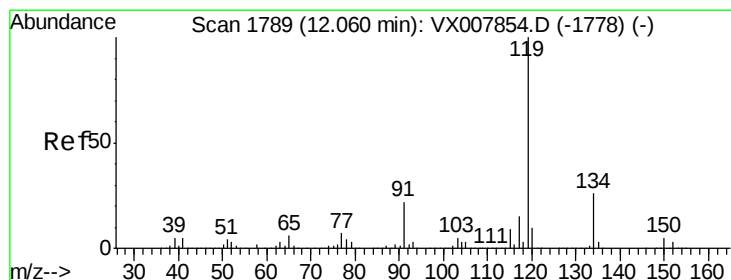
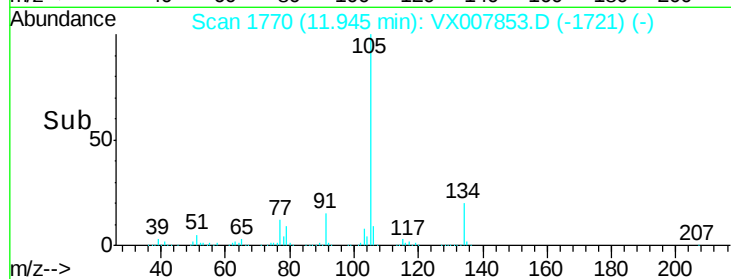
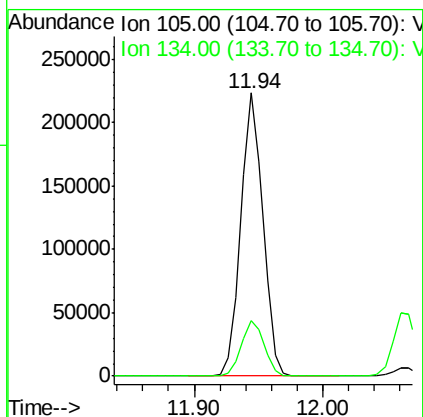
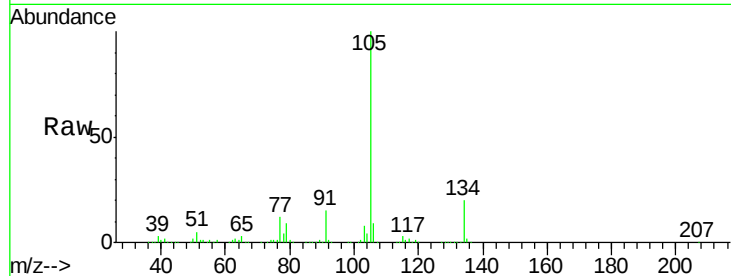




#85
 sec-Butylbenzene
 Concen: 20.105 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX007853.D
 Acq: 06 Mar 2019 10:34

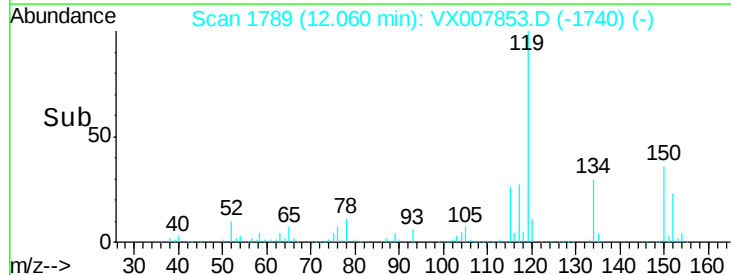
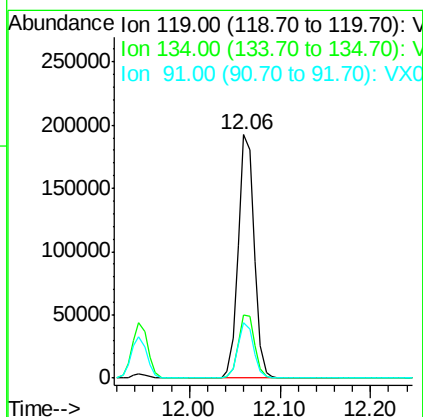
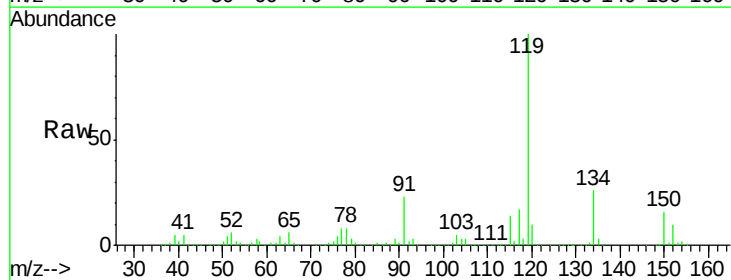
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

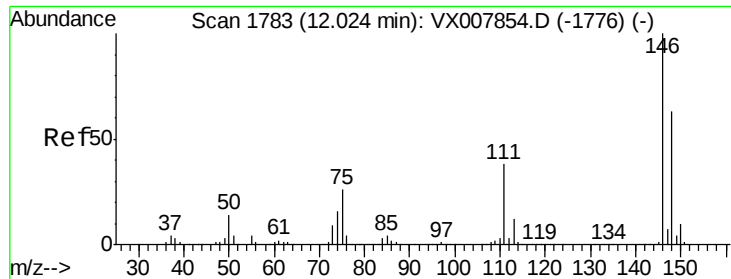
Tgt Ion:105 Resp: 265204
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 19.878 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX007853.D
 Acq: 06 Mar 2019 10:34

Tgt Ion:119 Resp: 234832
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.3 39.9
 91 22.5 10.9 32.7

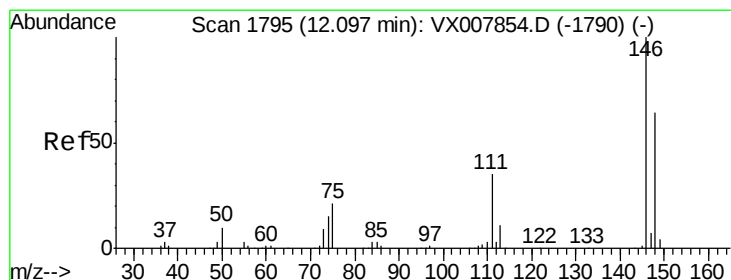
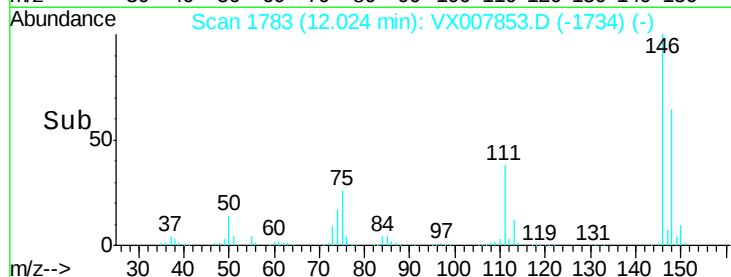
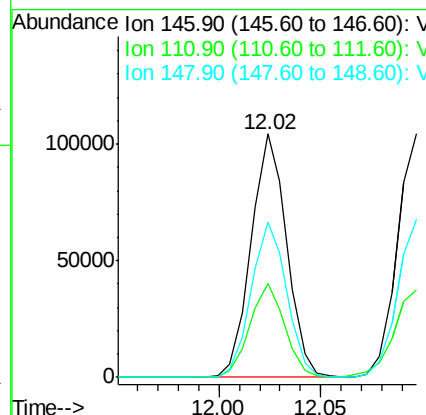
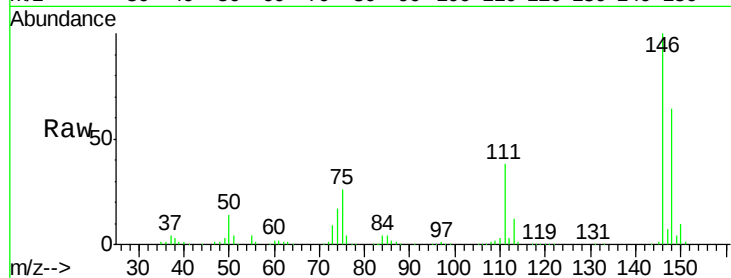




#87
 1,3-Dichlorobenzene
 Concen: 19.278 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX007853.D
 Acq: 06 Mar 2019 10:34

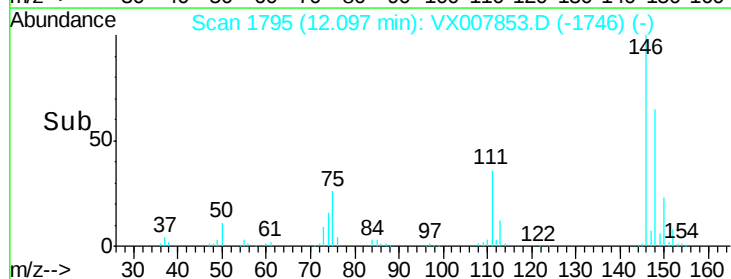
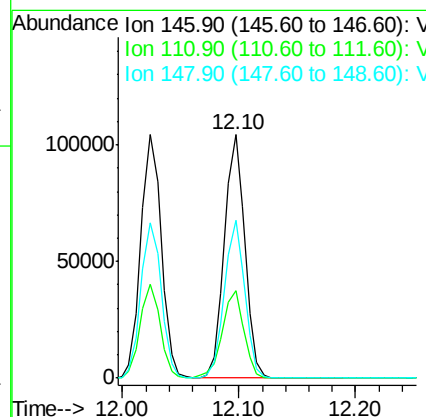
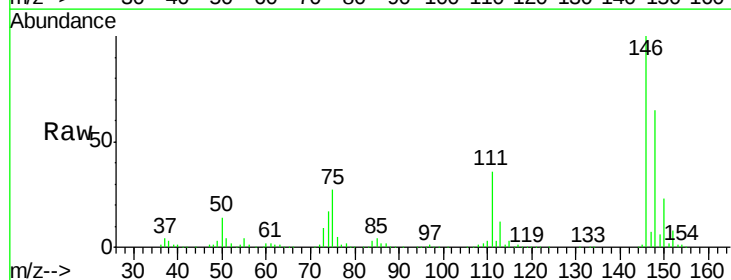
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC020

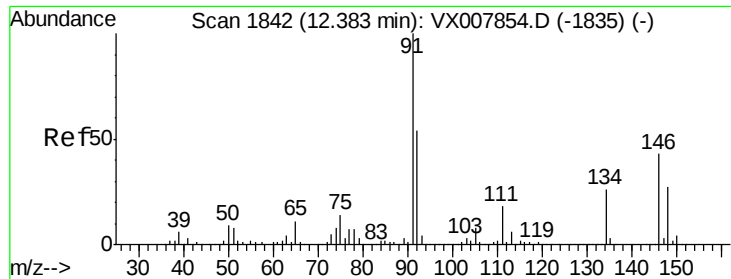
Tgt Ion:146 Resp: 126324
 Ion Ratio Lower Upper
 146 100
 111 37.8 18.9 56.7
 148 63.7 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 18.809 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX007853.D
 Acq: 06 Mar 2019 10:34

Tgt Ion:146 Resp: 126320
 Ion Ratio Lower Upper
 146 100
 111 38.1 18.4 55.0
 148 64.3 32.2 96.6

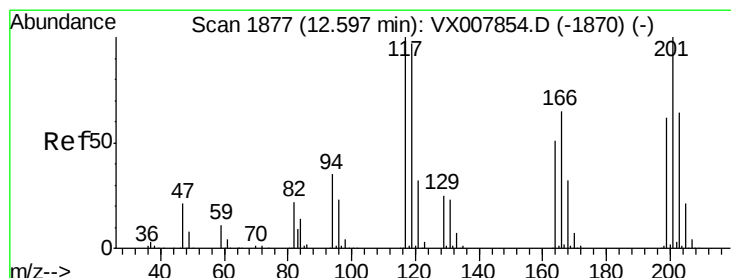
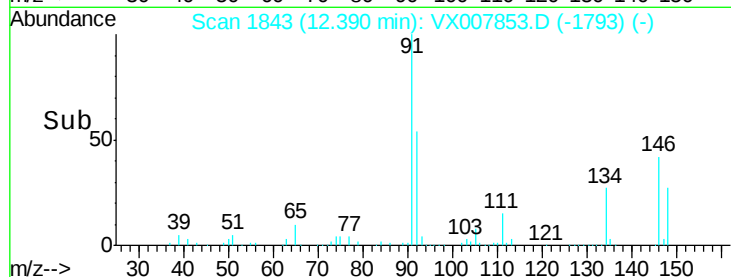
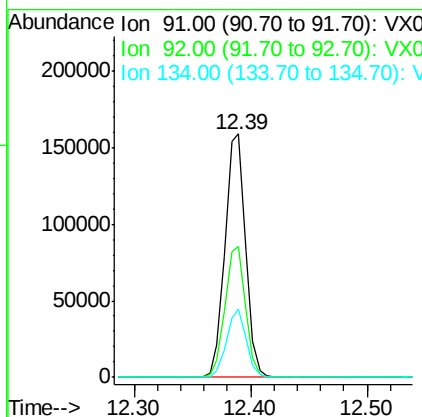
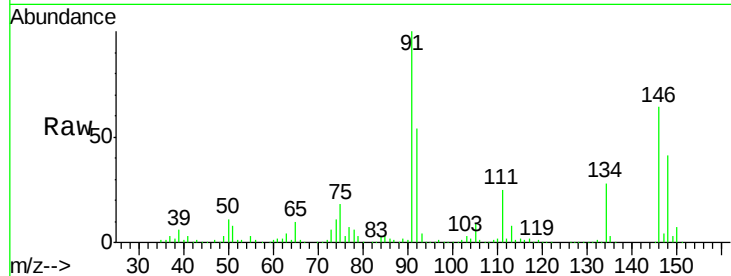




#89
n-Butylbenzene
Concen: 19.342 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX007853.D
Acq: 06 Mar 2019 10:34

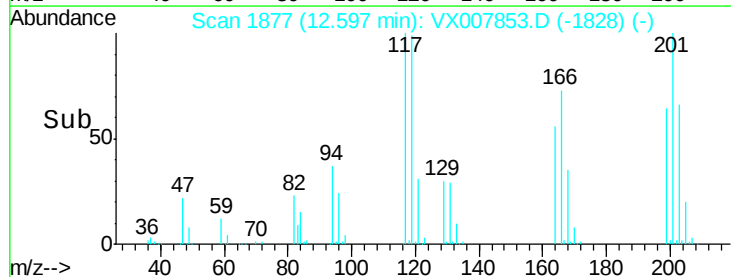
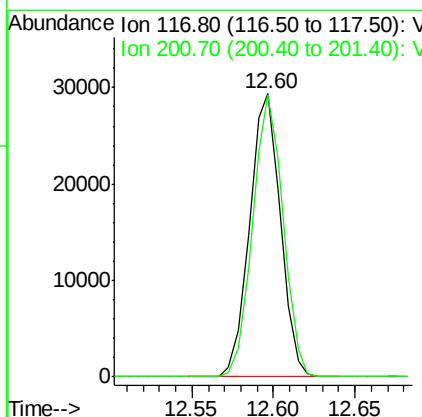
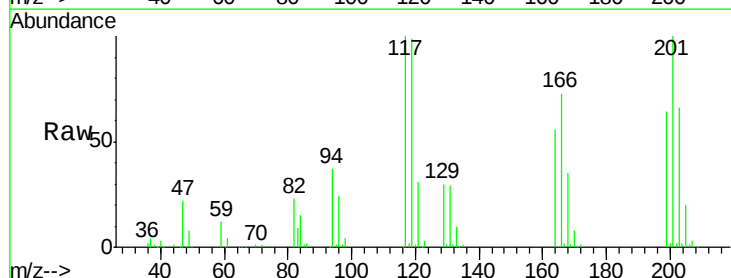
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

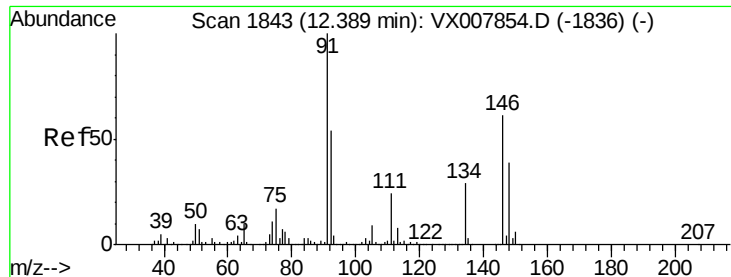
Tgt Ion: 91 Resp: 193586
Ion Ratio Lower Upper
91 100
92 53.5 27.0 80.8
134 26.8 13.7 41.0



#90
Hexachloroethane
Concen: 19.572 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007853.D
Acq: 06 Mar 2019 10:34

Tgt Ion: 117 Resp: 38659
Ion Ratio Lower Upper
117 100
201 98.1 48.9 146.7





#91

1,2-Dichlorobenzene

Concen: 19.401 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX007853.D

Acq: 06 Mar 2019 10:34

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

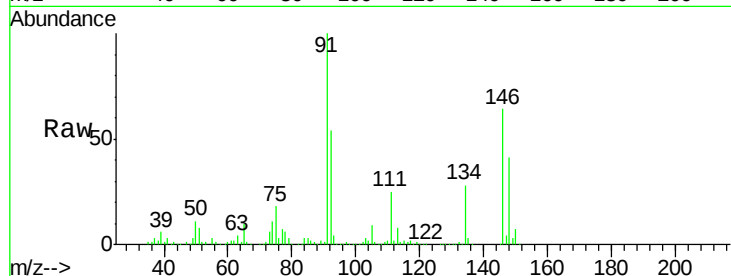
Tgt Ion:146 Resp: 126290

Ion Ratio Lower Upper

146 100

111 39.1 19.6 58.8

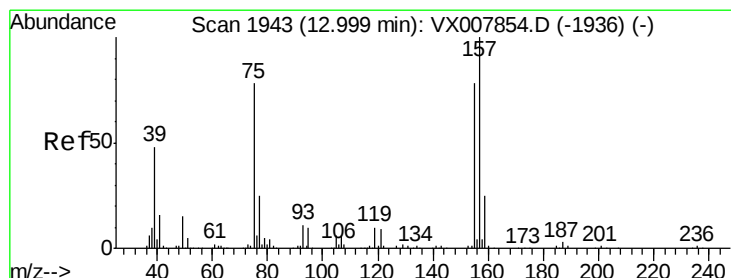
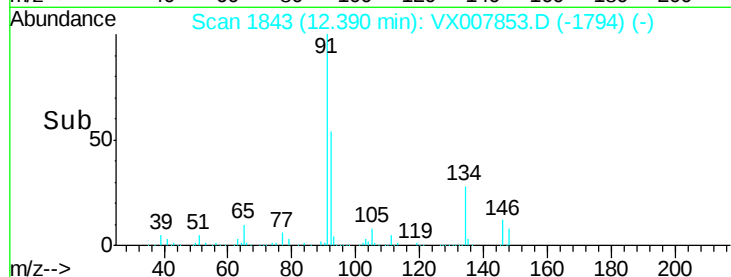
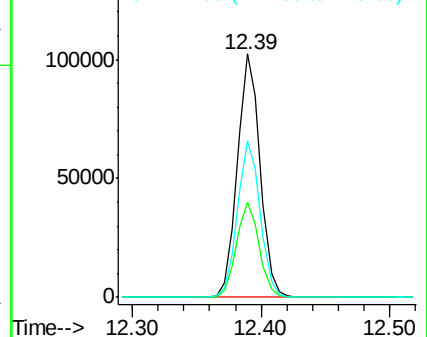
148 64.2 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.551 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX007853.D

Acq: 06 Mar 2019 10:34

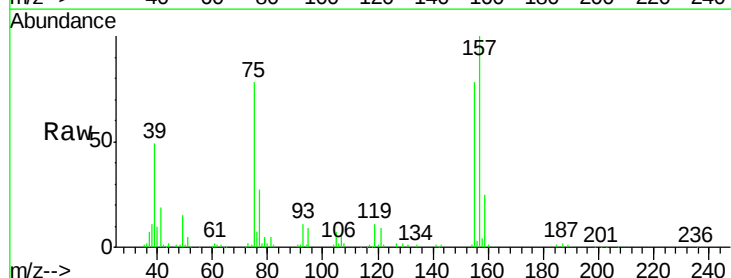
Tgt Ion: 75 Resp: 19041

Ion Ratio Lower Upper

75 100

155 97.3 49.7 149.1

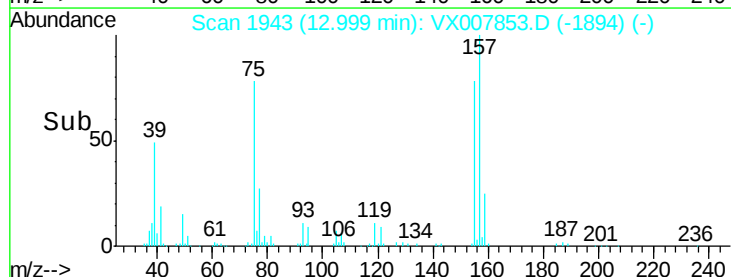
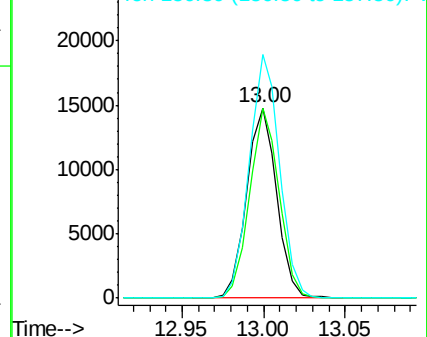
157 128.8 63.8 191.4

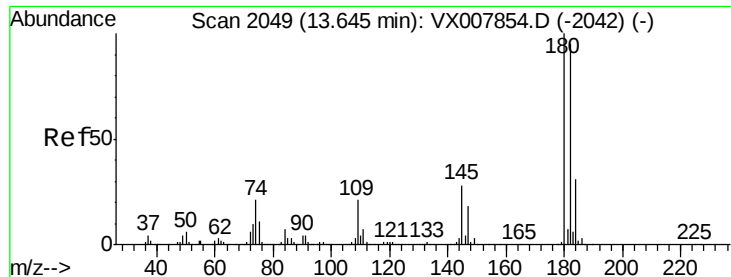


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

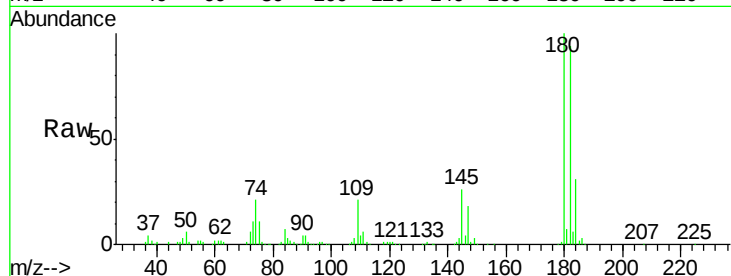




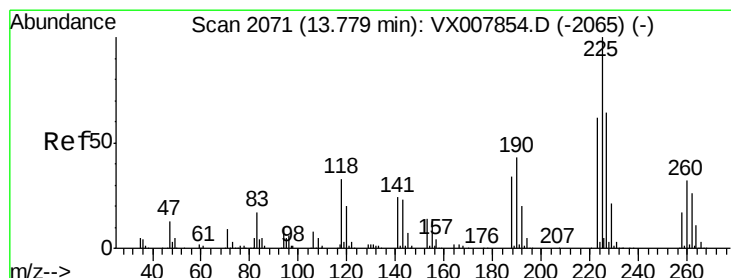
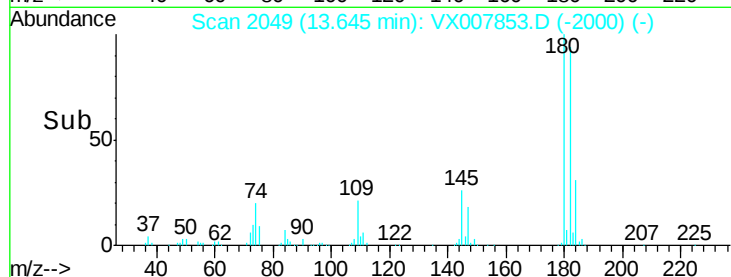
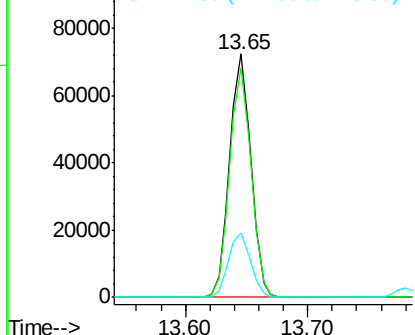
#93
 1,2,4-Trichlorobenzene
 Concen: 18.980 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007853.D
 Acq: 06 Mar 2019 10:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion:180 Resp: 86794
 Ion Ratio Lower Upper
 180 100
 182 95.0 47.9 143.7
 145 27.5 14.1 42.4

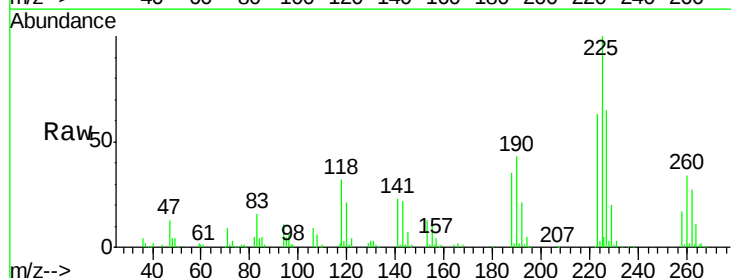


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

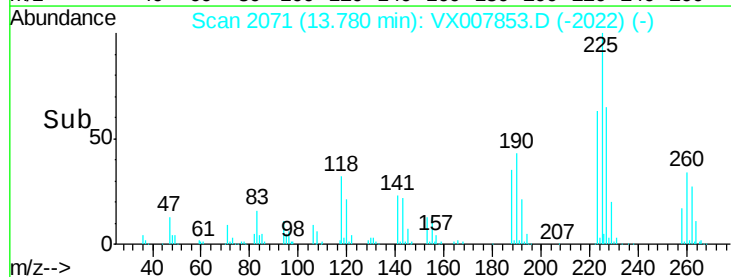
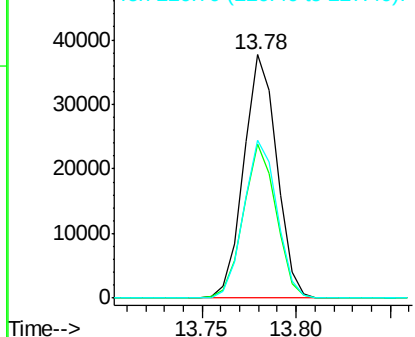


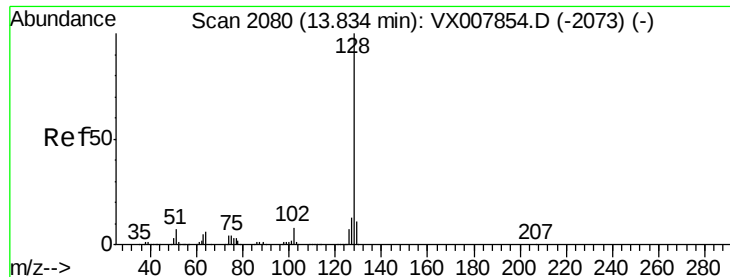
#94
 Hexachlorobutadiene
 Concen: 19.174 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007853.D
 Acq: 06 Mar 2019 10:34

Tgt Ion:225 Resp: 45842
 Ion Ratio Lower Upper
 225 100
 223 62.5 31.1 93.2
 227 64.9 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: 19.294 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX007853.D

Acq: 06 Mar 2019 10:34

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

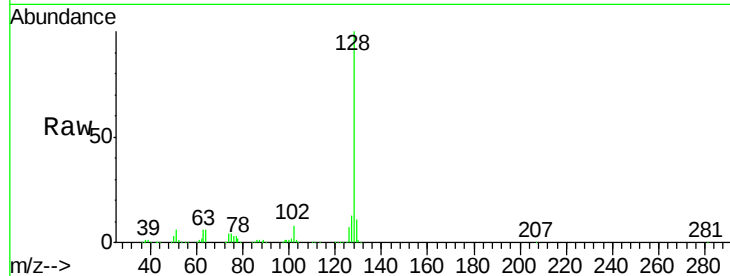
Tgt Ion:128 Resp: 254225

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

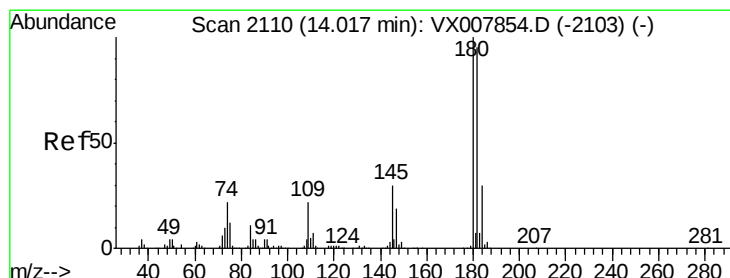
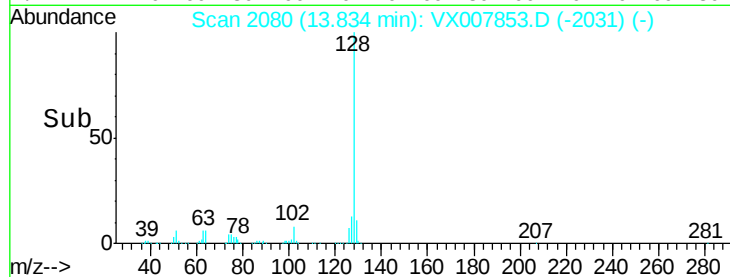
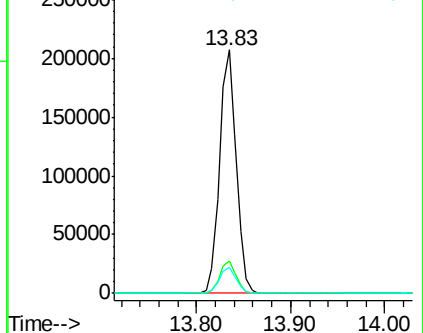
129 11.0 8.7 13.1



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: 19.220 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX007853.D

Acq: 06 Mar 2019 10:34

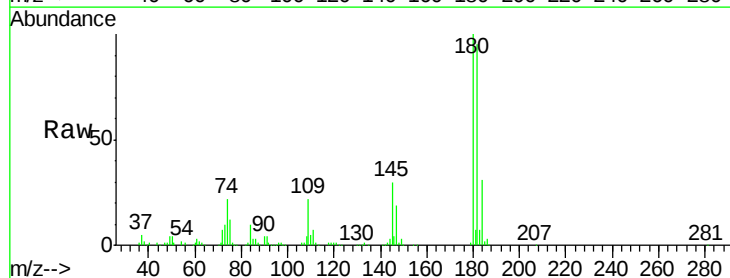
Tgt Ion:180 Resp: 87554

Ion Ratio Lower Upper

180 100

182 94.9 47.5 142.5

145 29.4 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

