

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030819\
 Data File : VX007937.D
 Acq On : 08 Mar 2019 18:15
 Operator : JC/SP
 Sample : VX0308WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBS02

Quant Time: Mar 09 03:51:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 07:33:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	279709	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	395865	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	356008	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	182865	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	138749	47.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.04%	
35) Dibromofluoromethane	5.50	113	123022	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	
50) Toluene-d8	8.71	98	470834	50.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.26%	
62) 4-Bromofluorobenzene	11.13	95	172002	52.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	45172	18.903	ug/l	98
3) Chloromethane	1.33	50	59144	19.205	ug/l	99
4) Vinyl Chloride	1.41	62	59016	19.287	ug/l	100
5) Bromomethane	1.64	94	34130	23.163	ug/l	97
6) Chloroethane	1.73	64	37046	18.224	ug/l	99
7) Trichlorofluoromethane	1.93	101	76092	19.100	ug/l	98
8) Diethyl Ether	2.19	74	32447	18.808	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	48707	19.729	ug/l	99
10) Methyl Iodide	2.51	142	67837	19.368	ug/l	99
11) Tert butyl alcohol	3.06	59	63716	96.559	ug/l	100
12) 1,1-Dichloroethene	2.38	96	44886	18.861	ug/l	98
13) Acrolein	2.30	56	26319	71.587	ug/l	99
14) Allyl chloride	2.73	41	92764	18.550	ug/l	100
15) Acrylonitrile	3.15	53	156114	93.730	ug/l	100
16) Acetone	2.45	43	152494	89.289	ug/l	99
17) Carbon Disulfide	2.57	76	138551	18.892	ug/l	99
18) Methyl Acetate	2.78	43	70529	19.439	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	158906	19.409	ug/l	99
20) Methylene Chloride	2.86	84	52039	19.146	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	48560	18.545	ug/l	97
22) Diisopropyl ether	3.87	45	173613	18.939	ug/l	97
23) Vinyl Acetate	3.82	43	745592	92.752	ug/l	99
24) 1,1-Dichloroethane	3.70	63	94482	19.153	ug/l	99
25) 2-Butanone	4.70	43	222178	91.889	ug/l	99
26) 2,2-Dichloropropane	4.58	77	60304	18.452	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	55862	18.643	ug/l	99
28) Bromochloromethane	5.02	49	43903	19.090	ug/l	99
29) Tetrahydrofuran	5.15	42	139965	92.803	ug/l	99
30) Chloroform	5.21	83	89040	19.081	ug/l	99
31) Cyclohexane	5.57	56	87648	19.332	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	73221	18.912	ug/l	99
36) 1,1-Dichloropropene	5.80	75	68833	19.203	ug/l	100
37) Ethyl Acetate	4.85	43	79199	18.619	ug/l	99
38) Carbon Tetrachloride	5.78	117	63496	18.659	ug/l	96

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 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	87882	20.233	ug/l	96
40) Benzene	6.14	78	209188	19.603	ug/l	98
41) Methacrylonitrile	5.06	41	43990	18.968	ug/l	99
42) 1,2-Dichloroethane	6.20	62	67186	19.252	ug/l	99
43) Isopropyl Acetate	6.46	43	121491	19.299	ug/l	99
44) Trichloroethene	7.21	130	57454	19.537	ug/l	97
45) 1,2-Dichloropropane	7.51	63	55025	19.523	ug/l	99
46) Dibromomethane	7.66	93	34739	19.476	ug/l	99
47) Bromodichloromethane	7.90	83	63308	18.721	ug/l	96
48) Methyl methacrylate	7.77	41	63791	19.273	ug/l	98
49) 1,4-Dioxane	7.74	88	26279	386.508	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	407301	100.605	ug/l	100
52) Toluene	8.78	92	130820	20.080	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	66956	18.969	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	77391	19.416	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	53326	20.220	ug/l	97
56) Ethyl methacrylate	9.18	69	79869	20.170	ug/l	99
57) 1,3-Dichloropropane	9.37	76	88457	19.975	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	199941	97.611	ug/l	99
59) 2-Hexanone	9.49	43	310914	98.917	ug/l	100
60) Dibromochloromethane	9.58	129	53227	19.309	ug/l	100
61) 1,2-Dibromoethane	9.67	107	55442	19.800	ug/l	100
64) Tetrachloroethene	9.34	164	58854	19.949	ug/l	99
65) Chlorobenzene	10.13	112	146477	19.662	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	51186	19.171	ug/l	99
67) Ethyl Benzene	10.25	91	247247	20.162	ug/l	100
68) m/p-Xylenes	10.36	106	189865	40.168	ug/l	99
69) o-Xylene	10.69	106	91461	20.042	ug/l	99
70) Styrene	10.71	104	150786	20.192	ug/l	99
71) Bromoform	10.85	173	41942	18.292	ug/l #	100
73) Isopropylbenzene	11.02	105	249274	20.156	ug/l	100
74) N-amyl acetate	10.90	43	104690	18.542	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	79846	18.717	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	88122	22.965	ug/l	93
77) Bromobenzene	11.26	156	66015	19.469	ug/l	100
78) n-propylbenzene	11.36	91	278449	20.295	ug/l	99
79) 2-Chlorotoluene	11.42	91	167292	19.942	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	205474	20.186	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	21183	17.646	ug/l	93
82) 4-Chlorotoluene	11.51	91	188970	19.656	ug/l	99
83) tert-Butylbenzene	11.77	119	200333	19.538	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	210431	20.166	ug/l	100
85) sec-Butylbenzene	11.94	105	248401	20.570	ug/l	99
86) p-Isopropyltoluene	12.06	119	220742	20.411	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	117520	19.591	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	117073	19.057	ug/l	99
89) n-Butylbenzene	12.39	91	187096	20.420	ug/l	99
90) Hexachloroethane	12.60	117	33961	18.782	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	115709	19.417	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	15628	17.529	ug/l	99

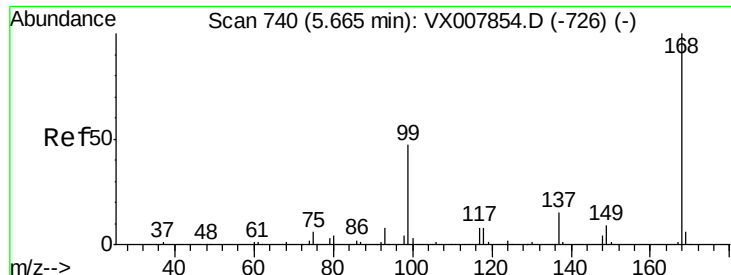
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030819\
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Quant Time: Mar 09 03:51:46 2019
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Quant Title : SW846 8260
QLast Update : Thu Mar 07 07:33:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	82322	19.664	ug/l	99
94) Hexachlorobutadiene	13.78	225	45683	20.872	ug/l	98
95) Naphthalene	13.83	128	230677	19.124	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	81085	19.443	ug/l	98

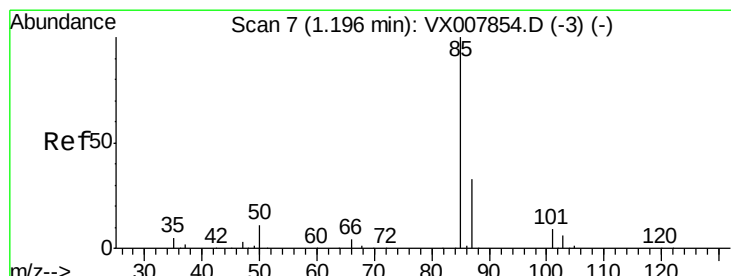
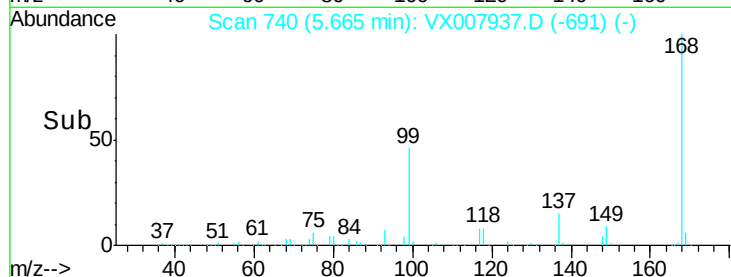
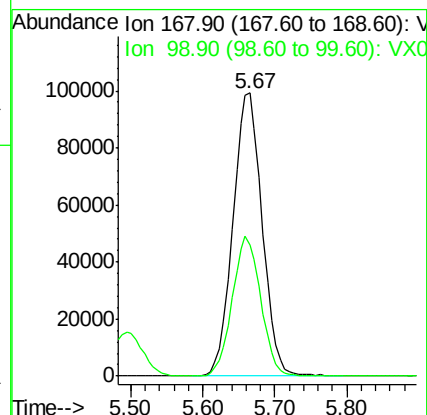
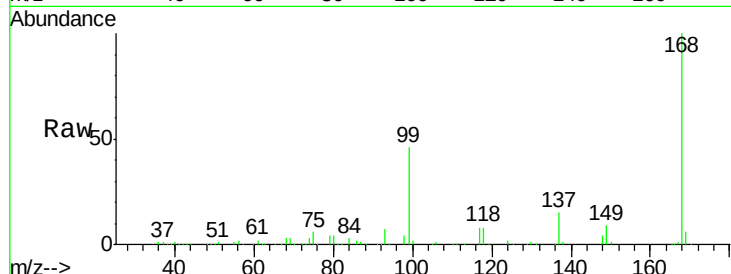
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX007937.D
Acq: 08 Mar 2019 18:15

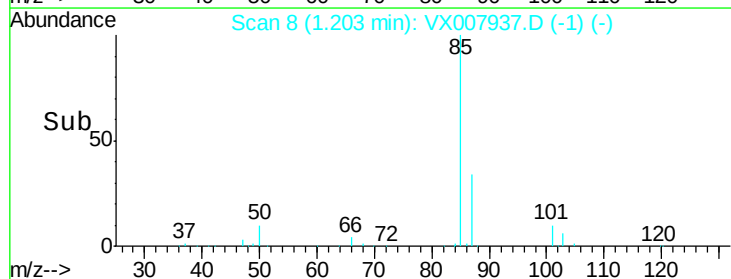
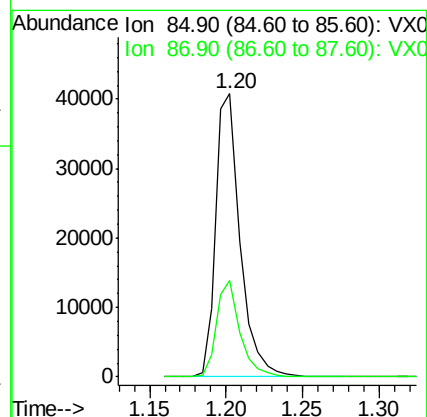
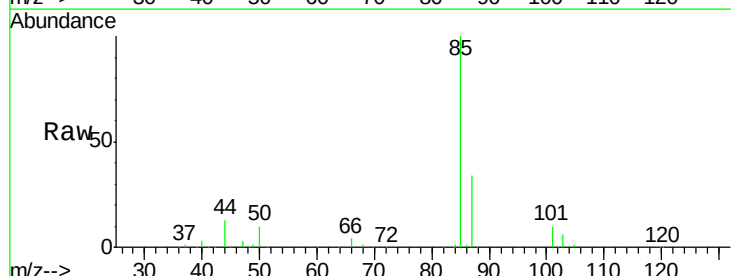
Instrument :
MSVOA_X
ClientSampleId :
VX0308WBS02

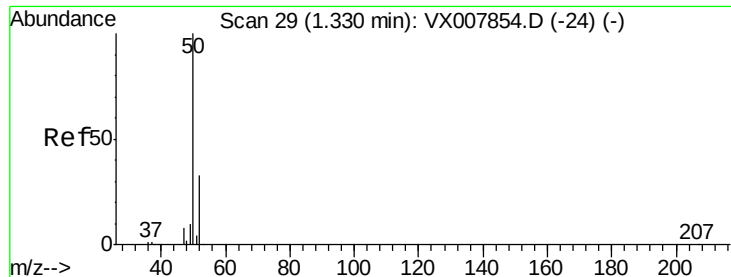
Tot Ion:168 Resp: 279709
Ion Ratio Lower Upper
168 100
99 46.4 37.6 56.4



#2
Dichlorodifluoromethane
Concen: 18.903 ug/l
RT: 1.20 min Scan# 8
Delta R.T. 0.01 min
Lab File: VX007937.D
Acq: 08 Mar 2019 18:15

Tgt Ion: 85 Resp: 45172
Ion Ratio Lower Upper
85 100
87 34.1 16.4 49.1





#3

Chloromethane

Concen: 19.205 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007937.D

Acq: 08 Mar 2019 18:15

Instrument :

MSVOA_X

ClientSampleId :

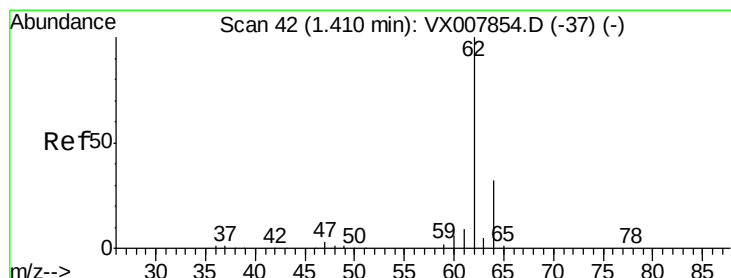
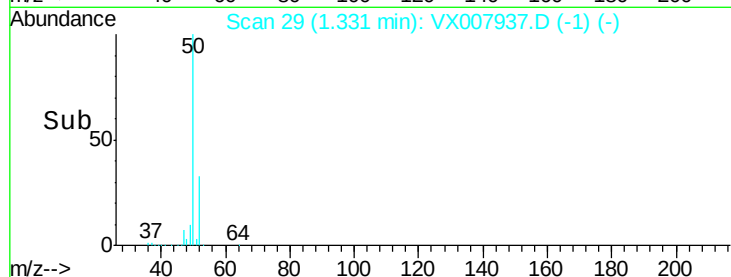
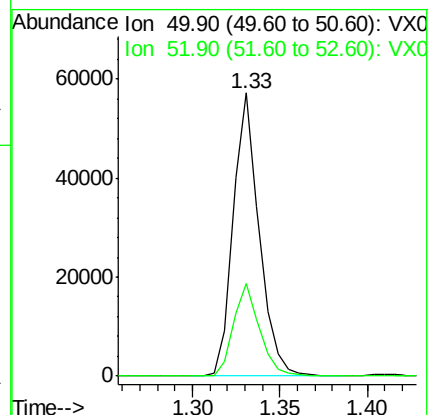
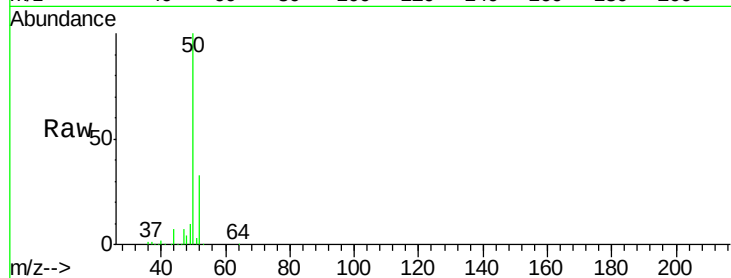
VX0308WBS02

Tot Ion: 50 Resp: 59144

Ion Ratio Lower Upper

50 100

52 32.6 26.5 39.7



#4

Vinyl Chloride

Concen: 19.287 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007937.D

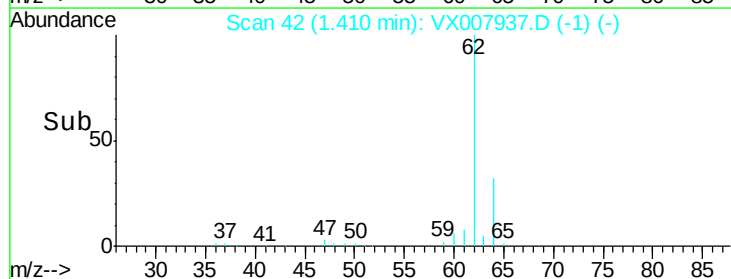
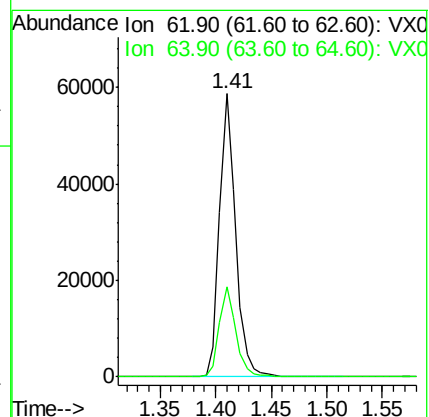
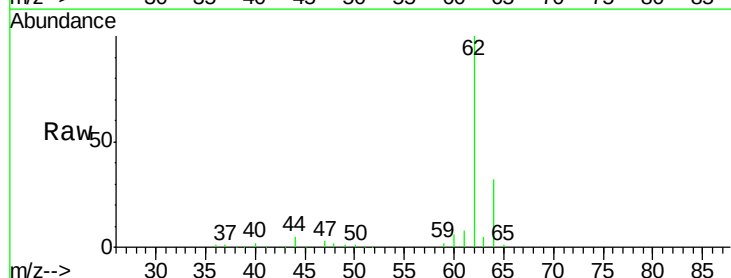
Acq: 08 Mar 2019 18:15

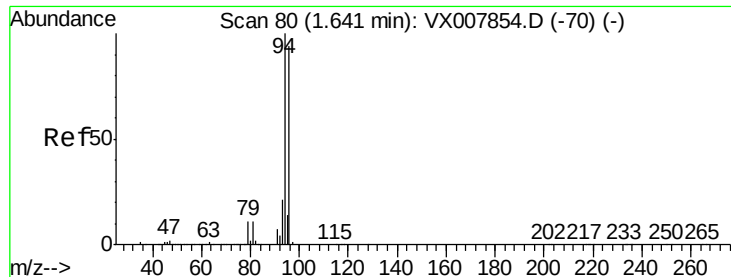
Tgt Ion: 62 Resp: 59016

Ion Ratio Lower Upper

62 100

64 31.6 25.3 37.9





#5

Bromomethane

Concen: 23.163 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007937.D

Acq: 08 Mar 2019 18:15

Instrument :

MSVOA_X

ClientSampleId :

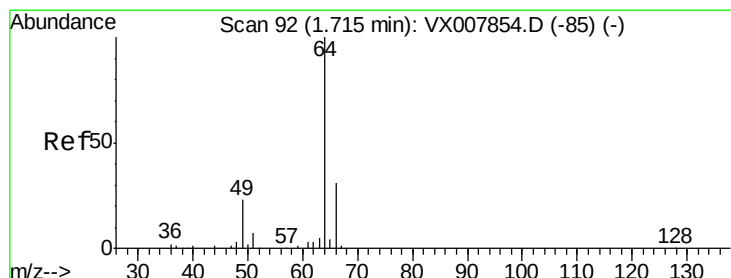
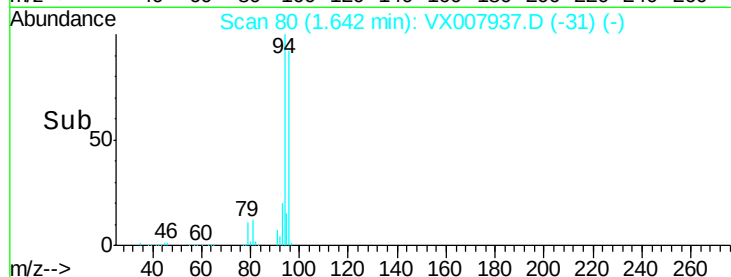
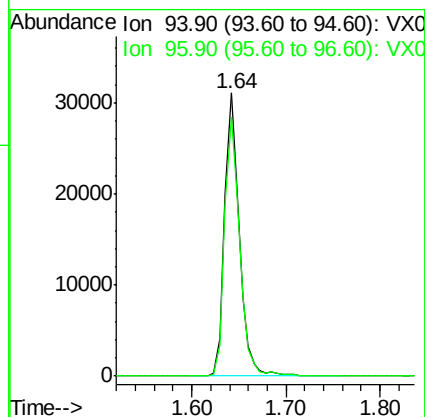
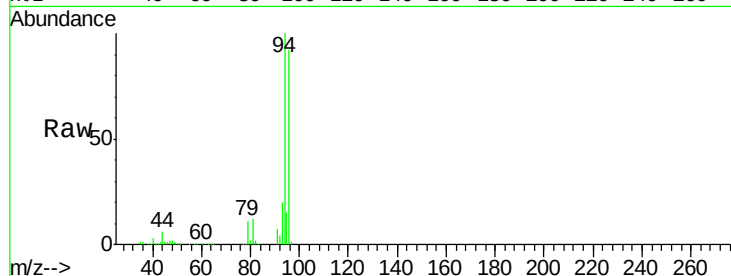
VX0308WBS02

Tot Ion: 94 Resp: 34130

Ion Ratio Lower Upper

94 100

96 91.5 75.5 113.3



#6

Chloroethane

Concen: 18.224 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX007937.D

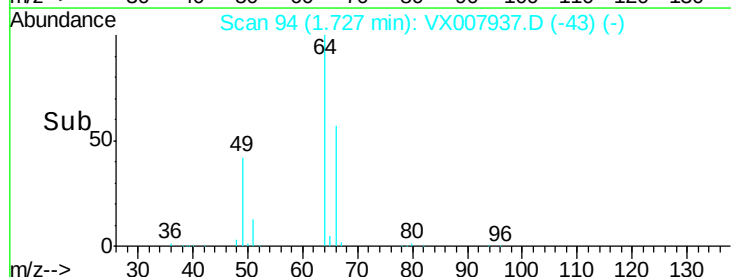
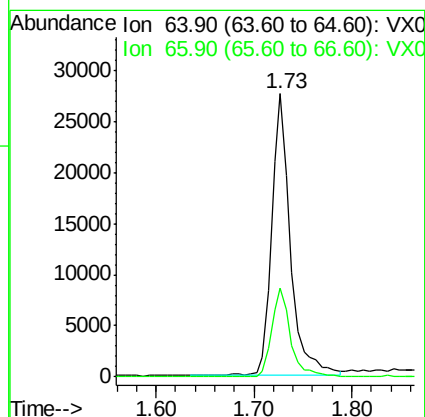
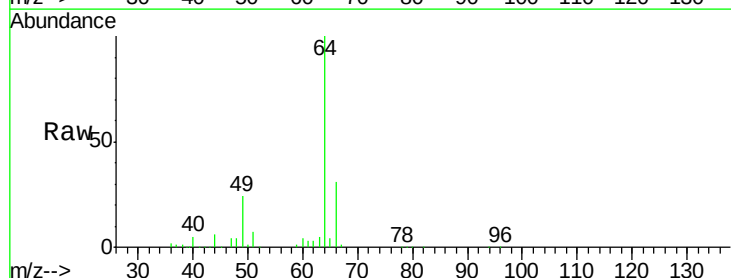
Acq: 08 Mar 2019 18:15

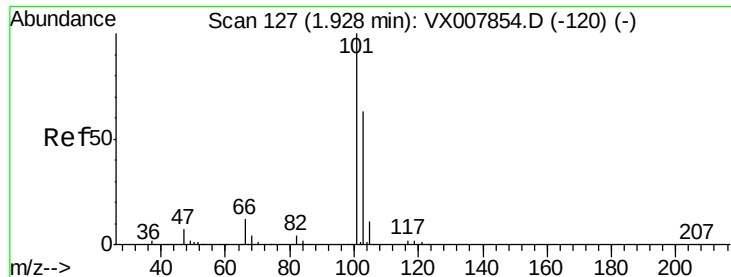
Tgt Ion: 64 Resp: 37046

Ion Ratio Lower Upper

64 100

66 31.2 25.2 37.8



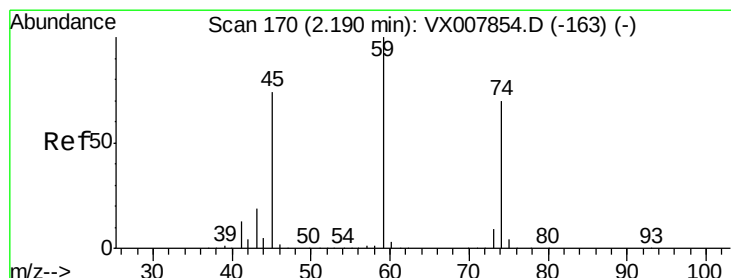
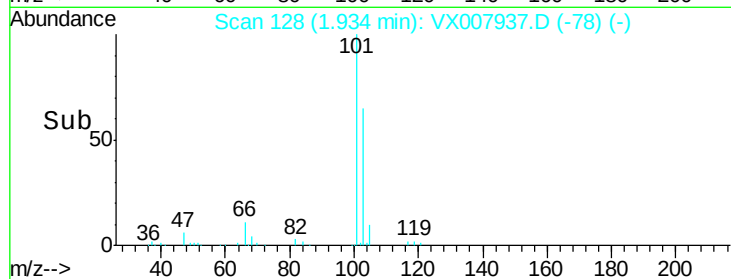
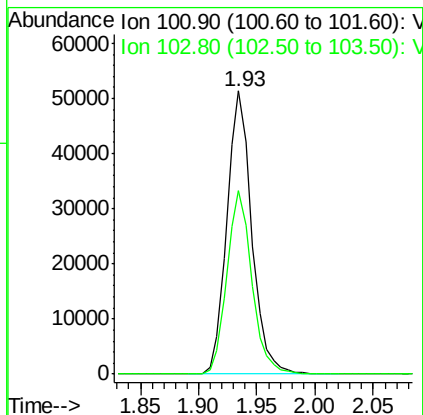
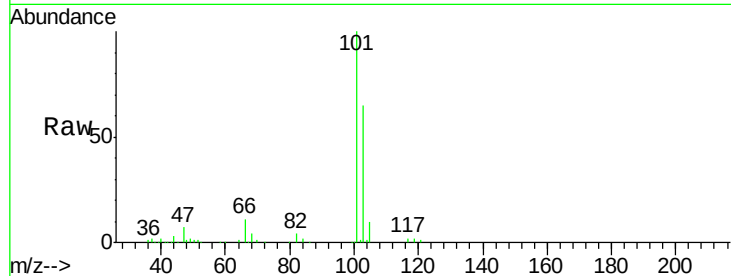


#7

Trichlorofluoromethane
Concen: 19.100 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX007937.D
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Instrument :
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VX0308WBS02

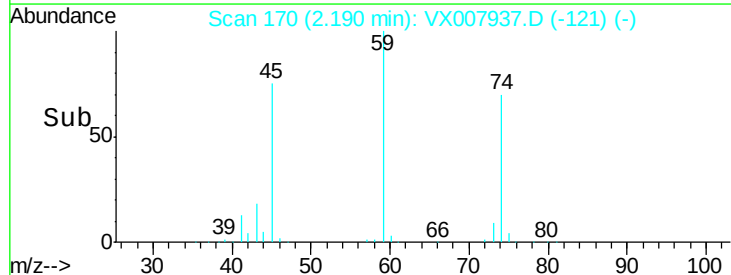
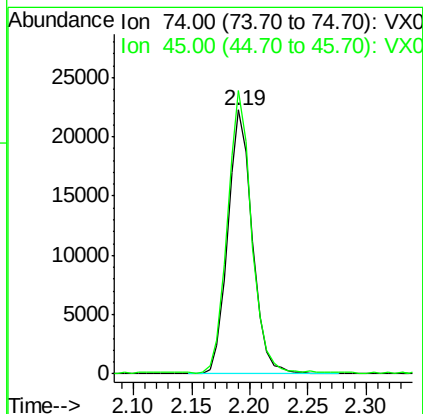
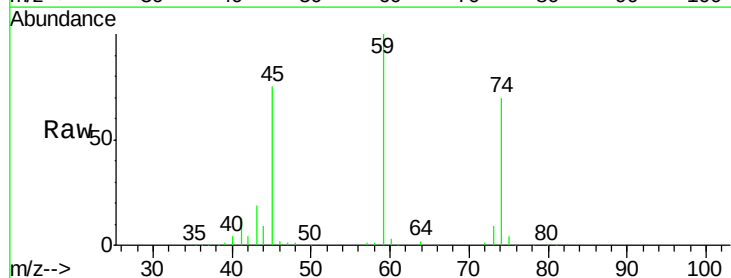
Tot Ion:101 Resp: 76092
Ion Ratio Lower Upper
101 100
103 64.9 50.4 75.6

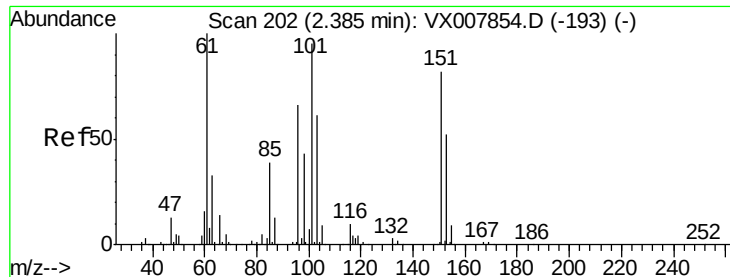


#8

Diethyl Ether
Concen: 18.808 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX007937.D
Acq: 08 Mar 2019 18:15

Tgt Ion: 74 Resp: 32447
Ion Ratio Lower Upper
74 100
45 104.8 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.729 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007937.D

Acq: 08 Mar 2019 18:15

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBS02

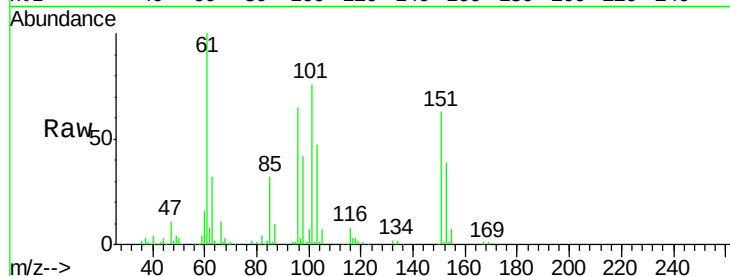
Tot Ion:101 Resp: 48707

Ion Ratio Lower Upper

101 100

85 41.4 33.8 50.6

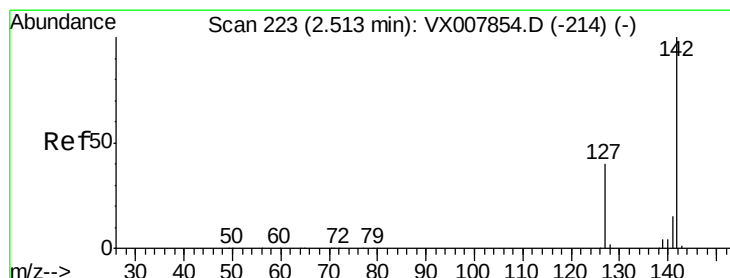
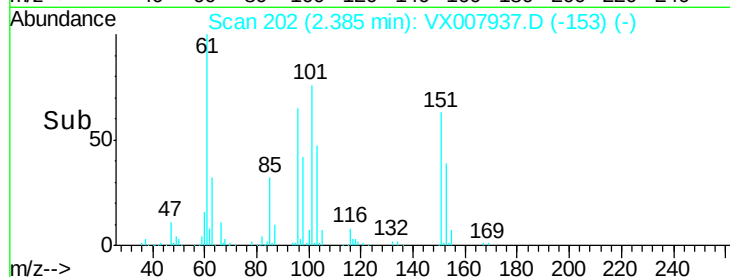
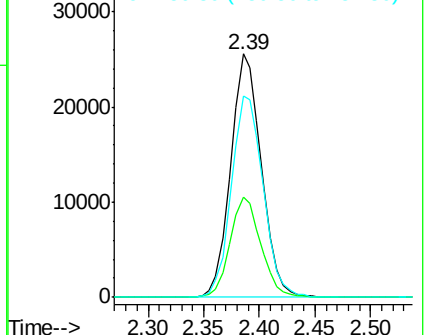
151 86.0 69.1 103.7



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: 19.368 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX007937.D

Acq: 08 Mar 2019 18:15

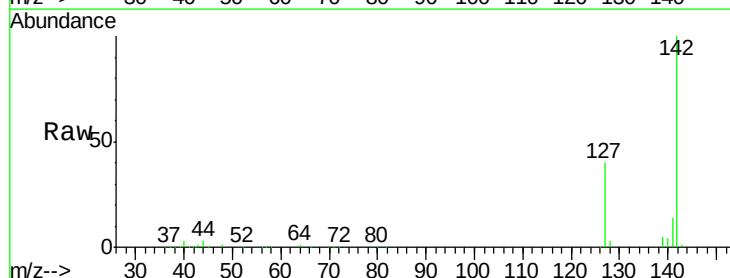
Tgt Ion:142 Resp: 67837

Ion Ratio Lower Upper

142 100

127 39.3 32.1 48.1

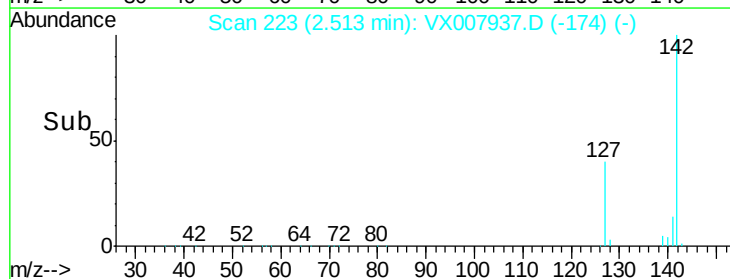
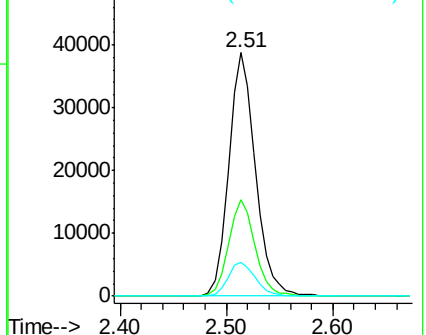
141 14.4 11.4 17.2

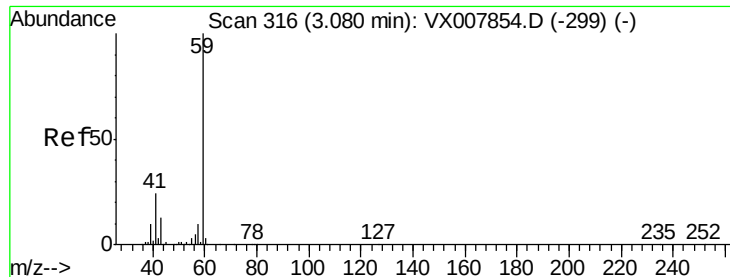


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



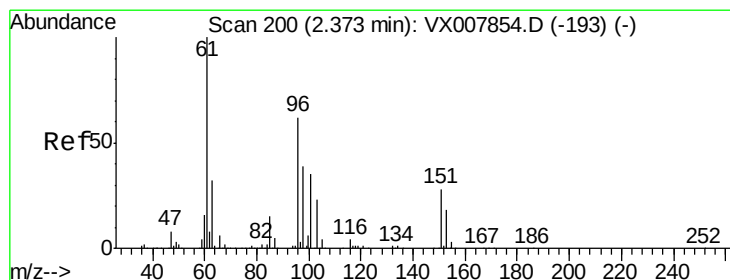
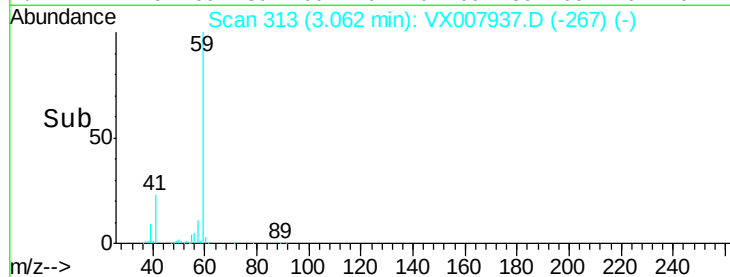
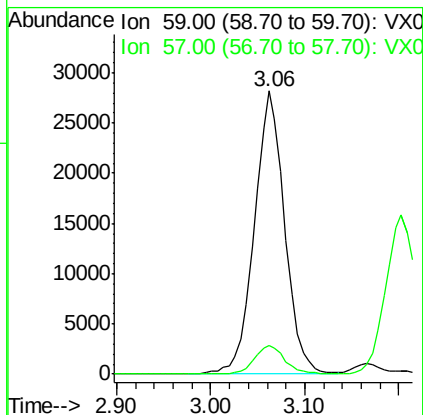
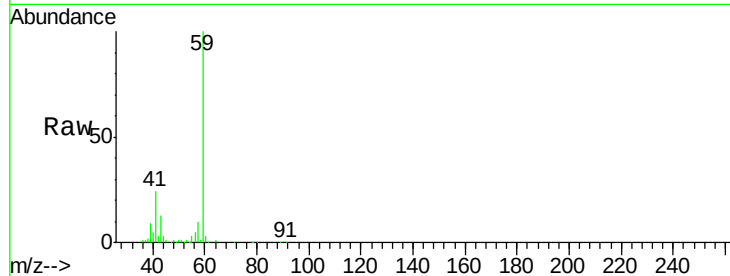


#11

Tert butyl alcohol
 Concen: 96.559 ug/l
 RT: 3.06 min Scan# 313
 Delta R.T. -0.02 min
 Lab File: VX007937.D
 Acq: 08 Mar 2019 18:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBS02

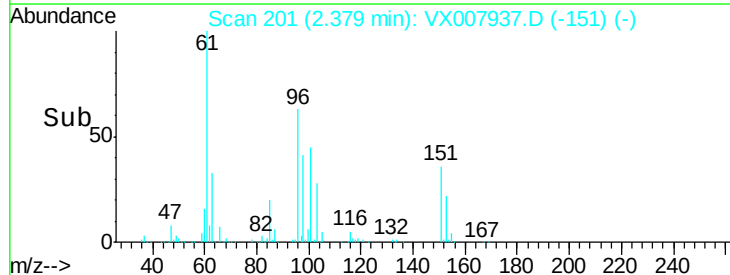
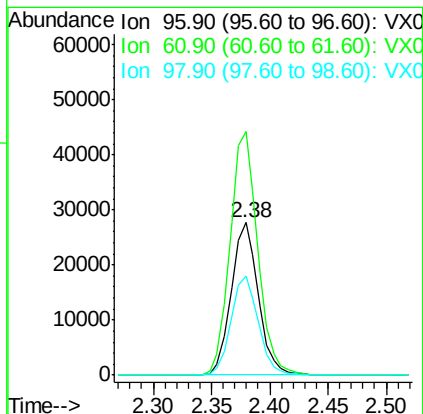
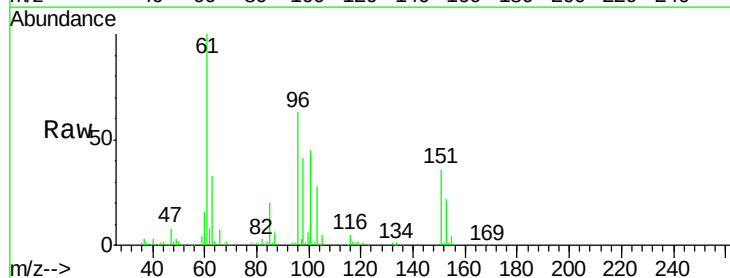
Tot Ion: 59 Resp: 63716
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.2 12.2

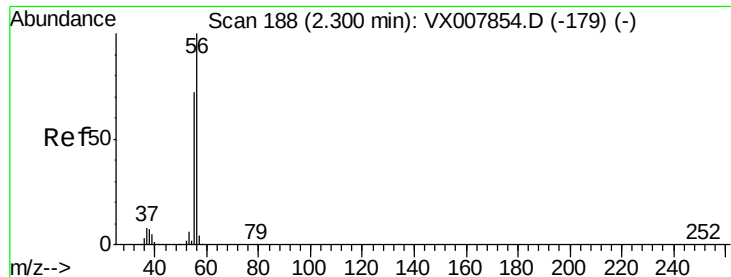


#12

1,1-Dichloroethene
 Concen: 18.861 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. 0.01 min
 Lab File: VX007937.D
 Acq: 08 Mar 2019 18:15

Tgt Ion: 96 Resp: 44886
 Ion Ratio Lower Upper
 96 100
 61 159.5 129.8 194.6
 98 64.7 51.0 76.6





#13

Acrolein

Concen: 71.587 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.00 min

Lab File: VX007937.D

Acq: 08 Mar 2019 18:15

Instrument :

MSVOA_X

ClientSampleId :

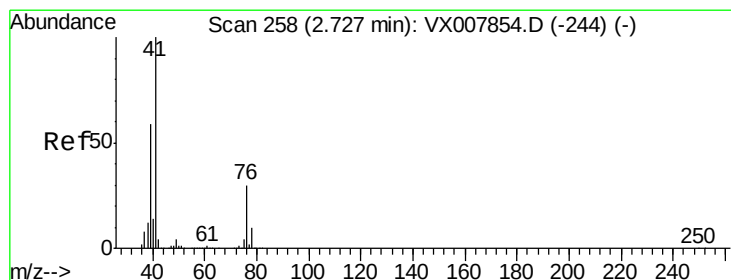
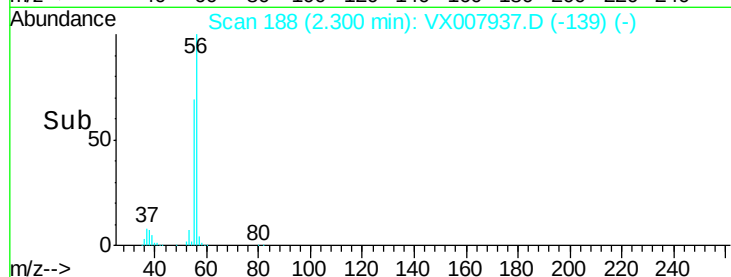
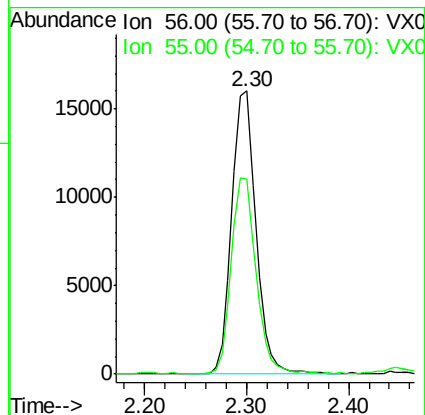
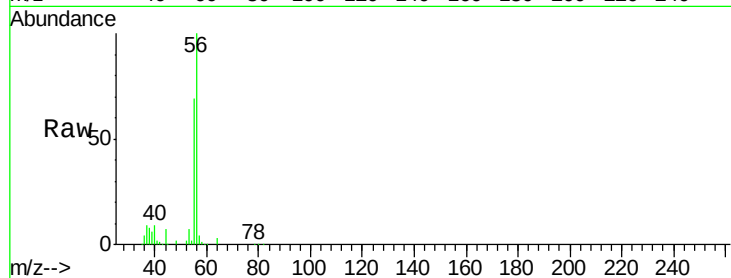
VX0308WBS02

Tot Ion: 56 Resp: 26319

Ion Ratio Lower Upper

56 100

55 71.3 57.8 86.6



#14

Allyl chloride

Concen: 18.550 ug/l

RT: 2.73 min Scan# 259

Delta R.T. 0.01 min

Lab File: VX007937.D

Acq: 08 Mar 2019 18:15

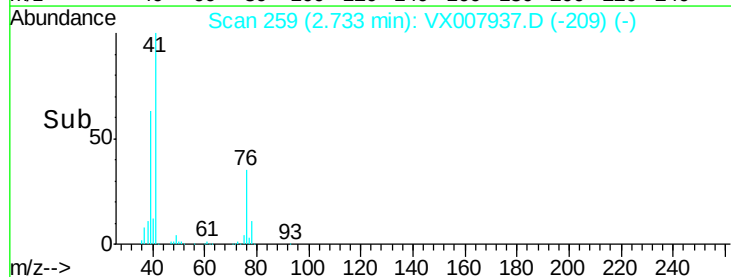
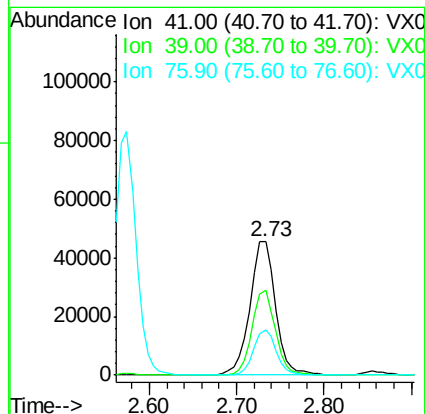
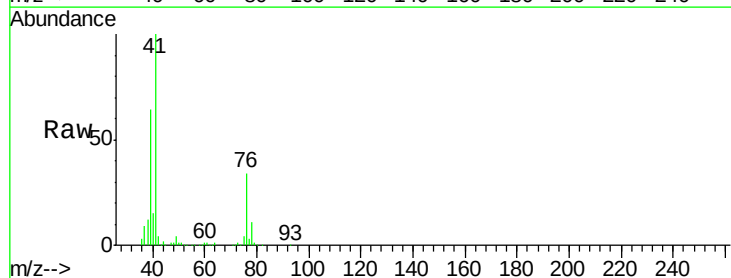
Tgt Ion: 41 Resp: 92764

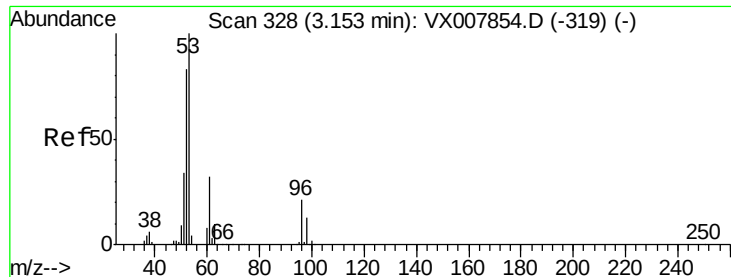
Ion Ratio Lower Upper

41 100

39 57.6 46.1 69.1

76 30.0 24.0 36.0





#15

Acrylonitrile

Concen: 93.730 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX007937.D

Acq: 08 Mar 2019 18:15

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBS02

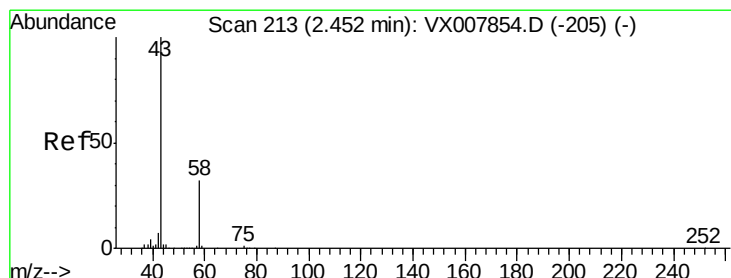
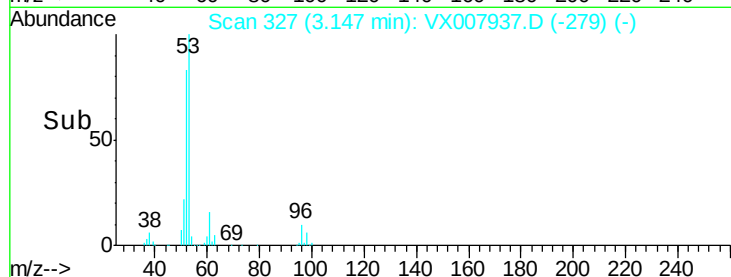
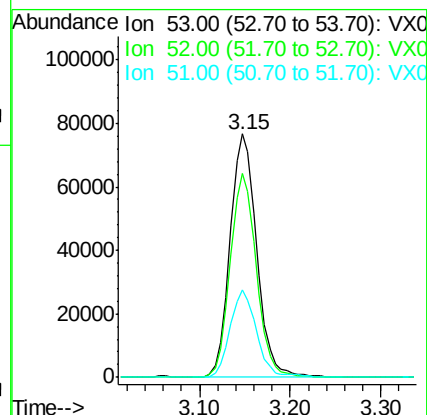
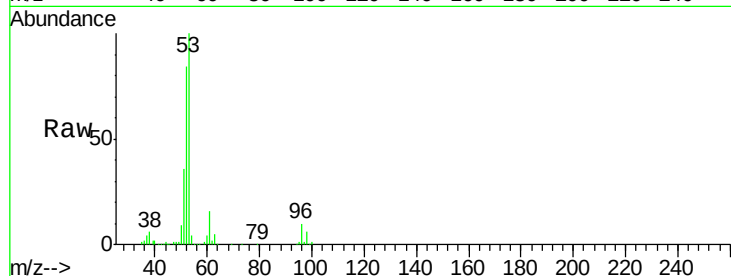
Tot Ion: 53 Resp: 156114

Ion Ratio Lower Upper

53 100

52 82.7 66.0 99.0

51 35.7 28.0 42.0



#16

Acetone

Concen: 89.289 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX007937.D

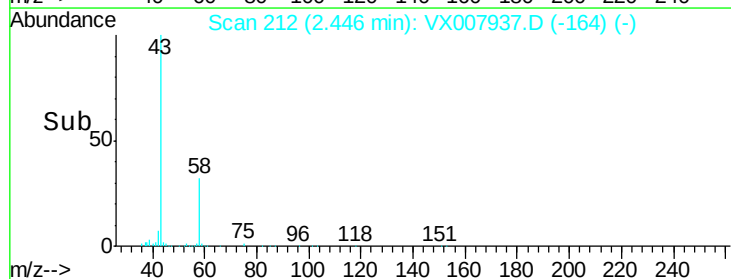
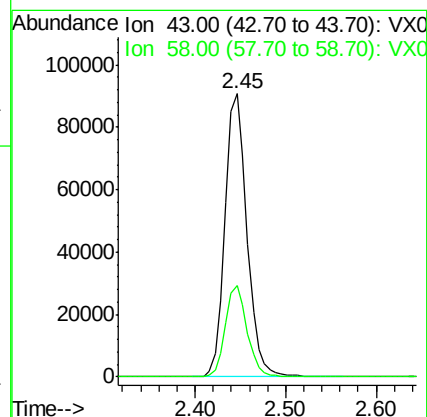
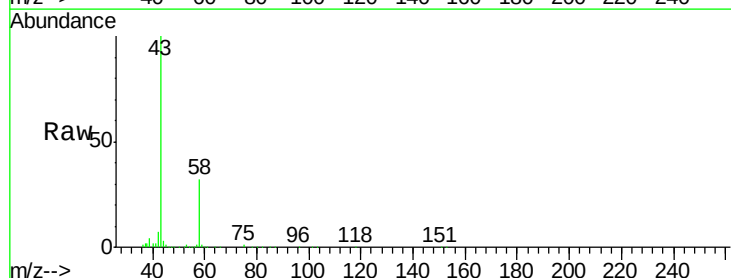
Acq: 08 Mar 2019 18:15

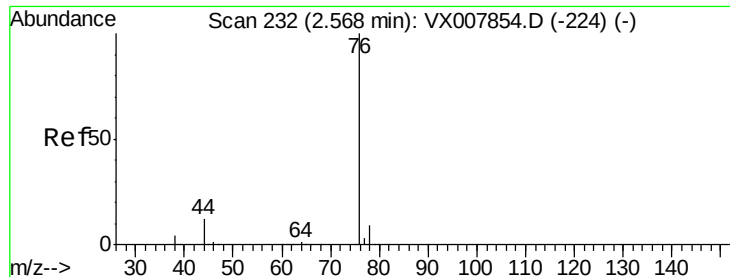
Tgt Ion: 43 Resp: 152494

Ion Ratio Lower Upper

43 100

58 32.3 25.5 38.3





#17

Carbon Disulfide

Concen: 18.892 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX007937.D

Acq: 08 Mar 2019 18:15

Instrument :

MSVOA_X

ClientSampleId :

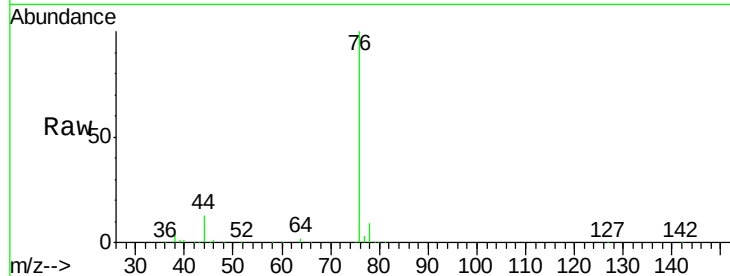
VX0308WBS02

Tot Ion: 76 Resp: 138551

Ion Ratio Lower Upper

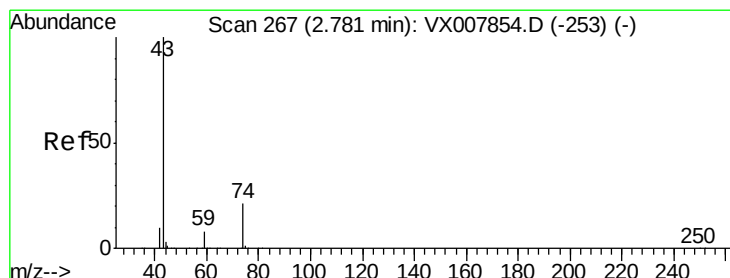
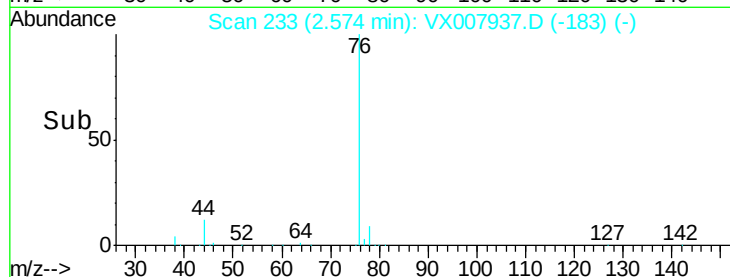
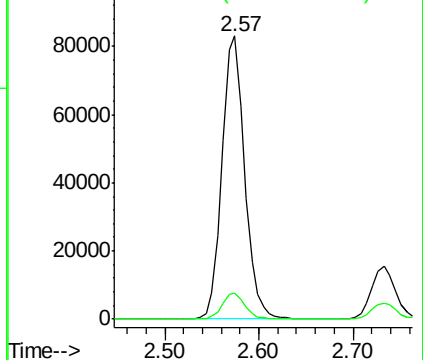
76 100

78 9.2 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 19.439 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX007937.D

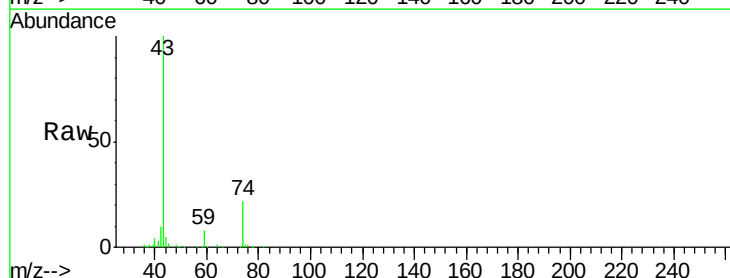
Acq: 08 Mar 2019 18:15

Tgt Ion: 43 Resp: 70529

Ion Ratio Lower Upper

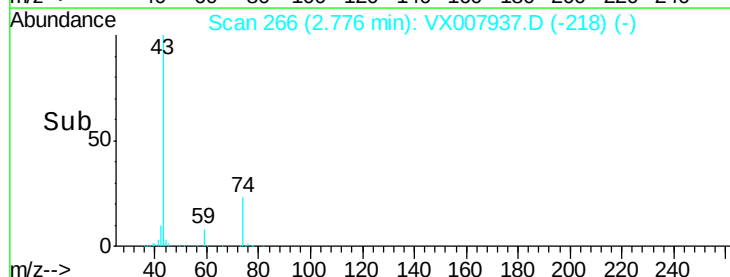
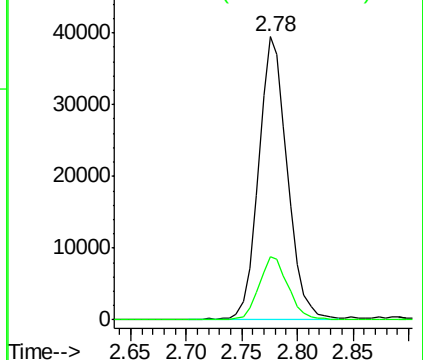
43 100

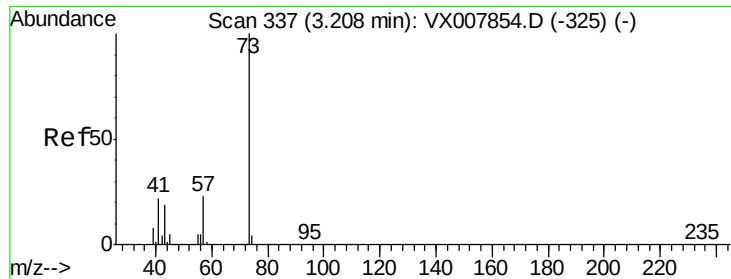
74 23.0 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

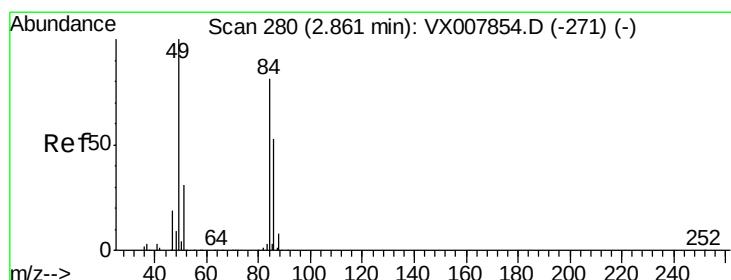
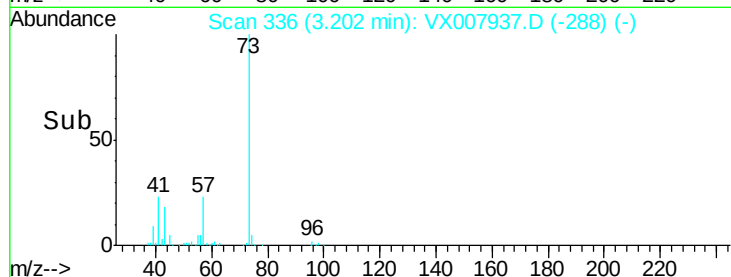
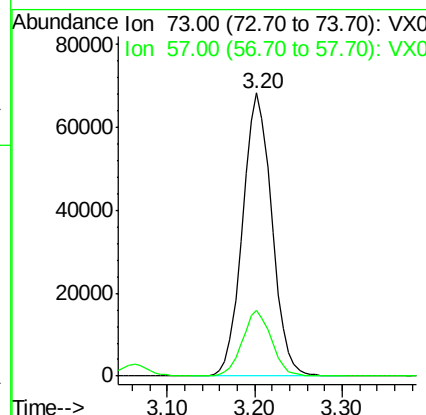
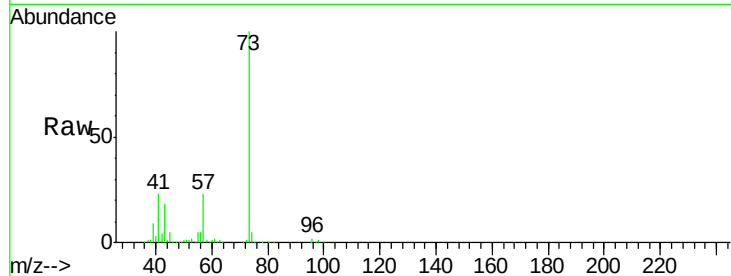




#19
Methyl tert-butyl Ether
Concen: 19.409 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.01 min
Lab File: VX007937.D
Acq: 08 Mar 2019 18:15

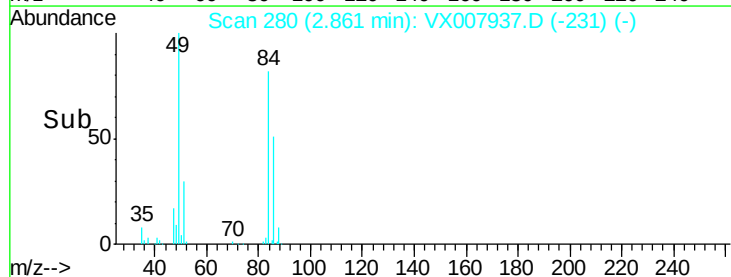
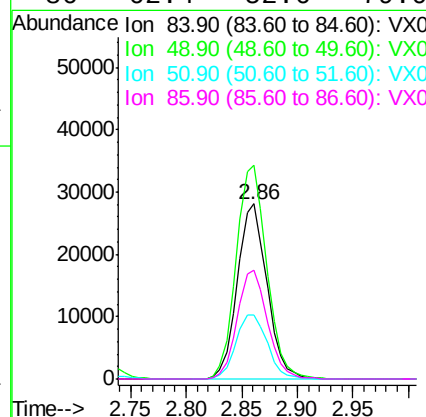
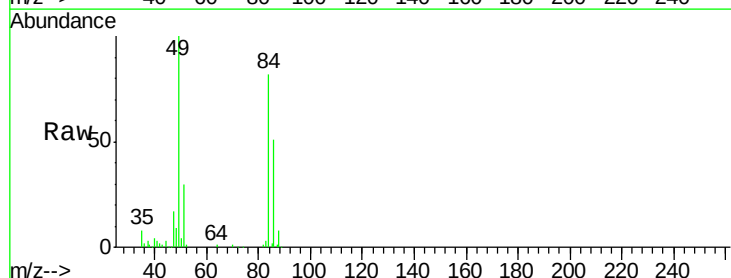
Instrument :
MSVOA_X
ClientSampleId :
VX0308WBS02

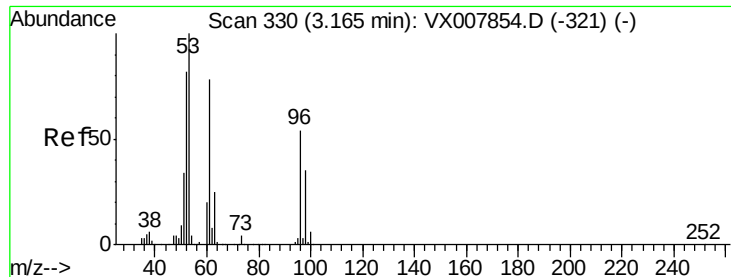
Tot Ion: 73 Resp: 158906
Ion Ratio Lower Upper
73 100
57 23.3 18.2 27.4



#20
Methylene Chloride
Concen: 19.146 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007937.D
Acq: 08 Mar 2019 18:15

Tgt Ion: 84 Resp: 52039
Ion Ratio Lower Upper
84 100
49 122.2 99.3 148.9
51 36.5 31.3 46.9
86 62.4 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 18.545 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007937.D

Acq: 08 Mar 2019 18:15

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBS02

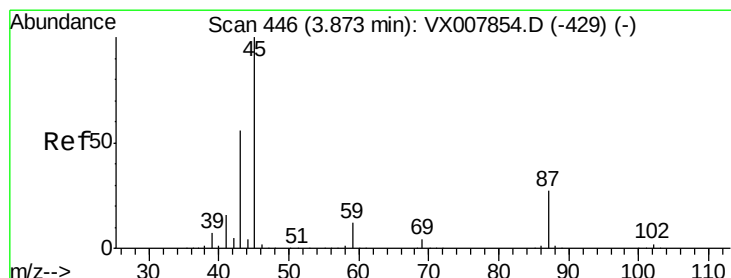
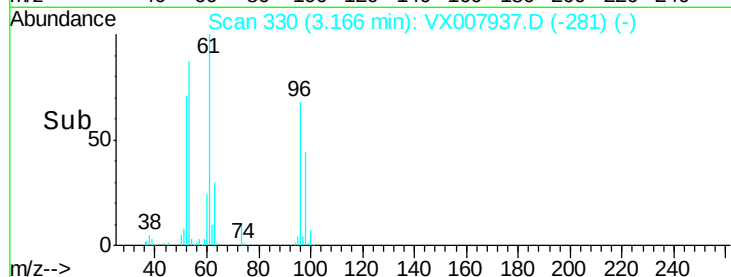
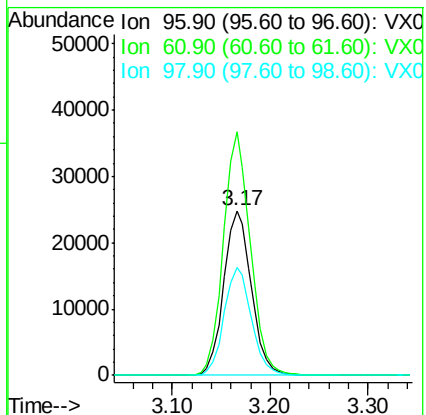
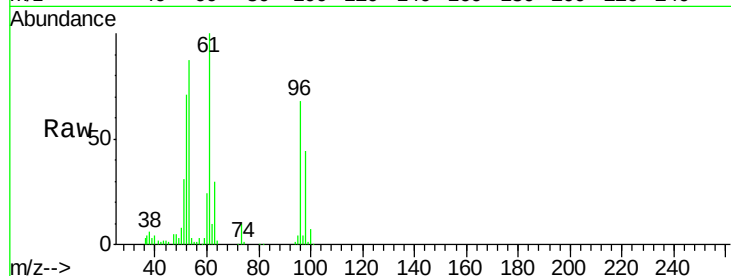
Tot Ion: 96 Resp: 48560

Ion Ratio Lower Upper

96 100

61 147.8 114.4 171.6

98 65.4 51.1 76.7



#22

Diisopropyl ether

Concen: 18.939 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX007937.D

Acq: 08 Mar 2019 18:15

Tgt Ion: 45 Resp: 173613

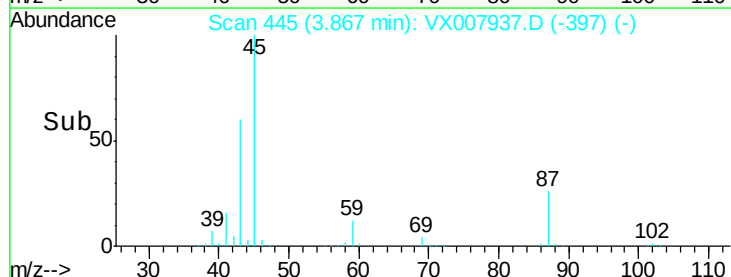
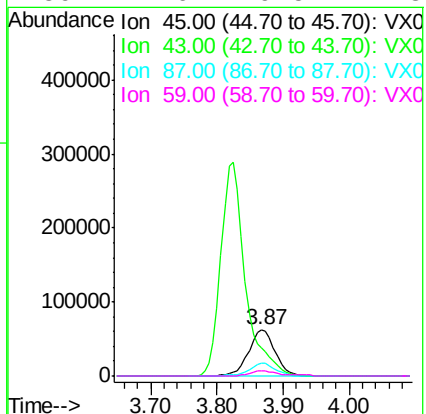
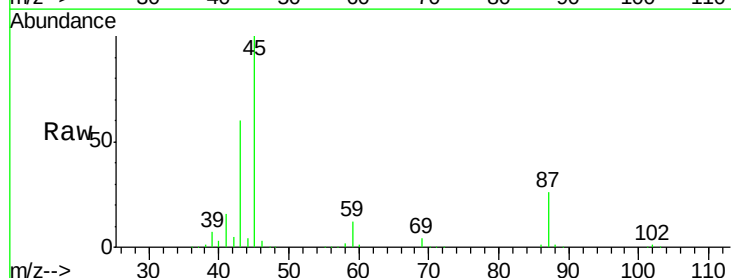
Ion Ratio Lower Upper

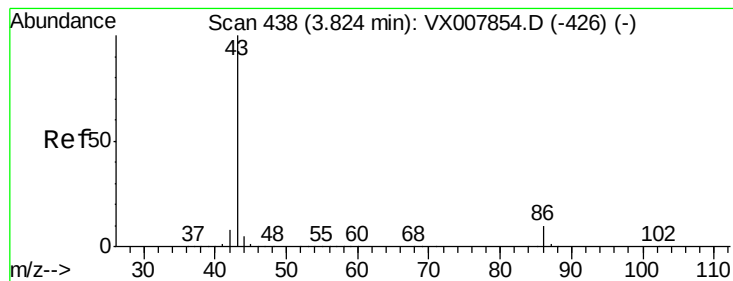
45 100

43 60.4 45.3 67.9

87 26.4 21.4 32.0

59 11.6 9.5 14.3





#23

Vinyl Acetate

Concen: 92.752 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX007937.D

Acq: 08 Mar 2019 18:15

Instrument :

MSVOA_X

ClientSampleId :

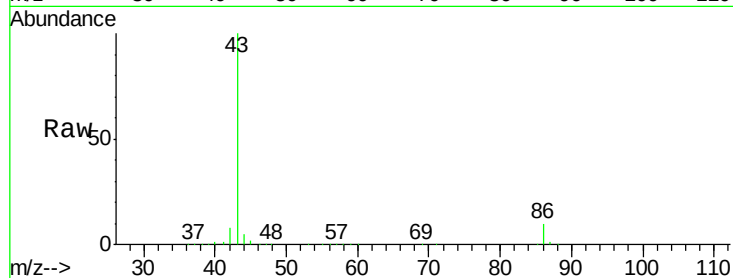
VX0308WBS02

Tot Ion: 43 Resp: 745592

Ion Ratio Lower Upper

43 100

86 10.1 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

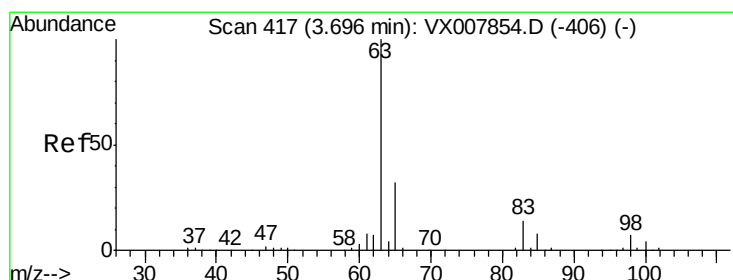
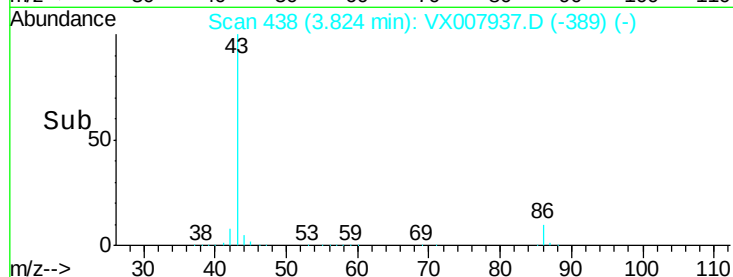
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.153 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007937.D

Acq: 08 Mar 2019 18:15

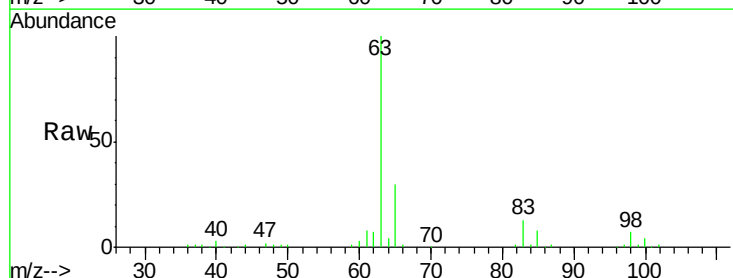
Tgt Ion: 63 Resp: 94482

Ion Ratio Lower Upper

63 100

98 6.9 3.3 9.8

100 4.0 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.70

50000

40000

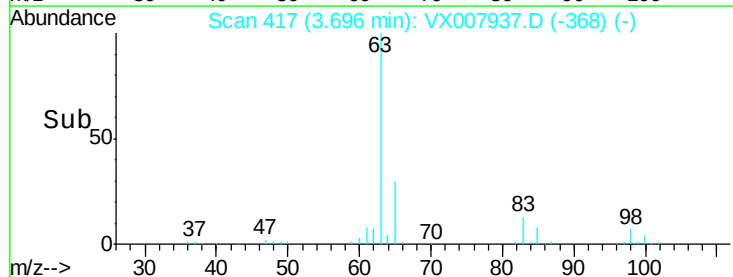
30000

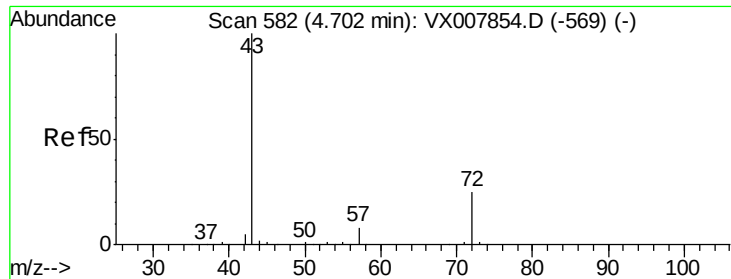
20000

10000

0

Time-->





#25

2-Butanone

Concen: 91.889 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX007937.D

Acq: 08 Mar 2019 18:15

Instrument :

MSVOA_X

ClientSampleId :

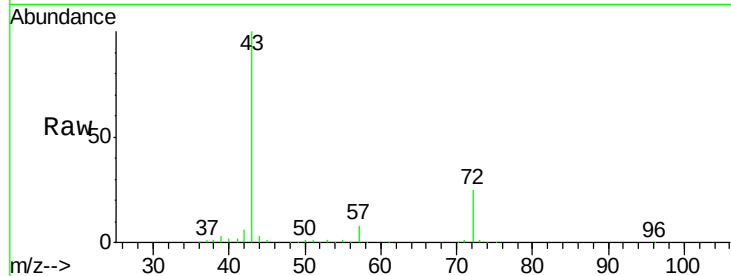
VX0308WBS02

Tot Ion: 43 Resp: 222178

Ion Ratio Lower Upper

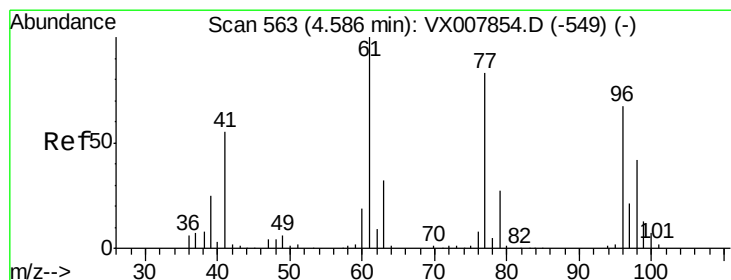
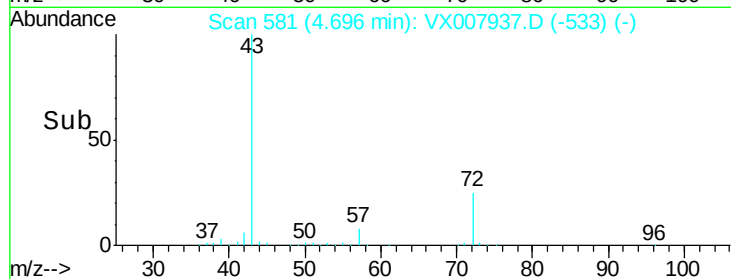
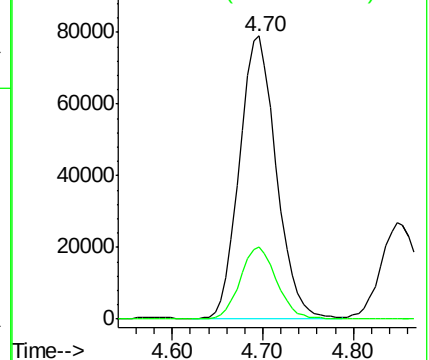
43 100

72 25.3 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: 18.452 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX007937.D

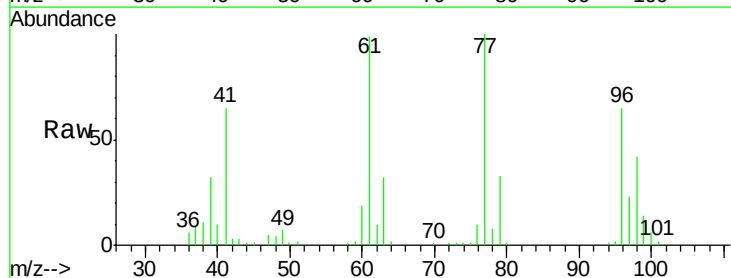
Acq: 08 Mar 2019 18:15

Tgt Ion: 77 Resp: 60304

Ion Ratio Lower Upper

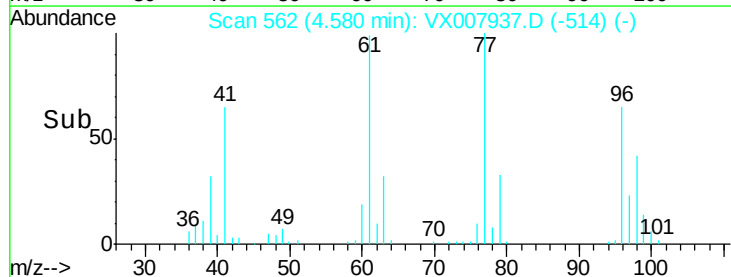
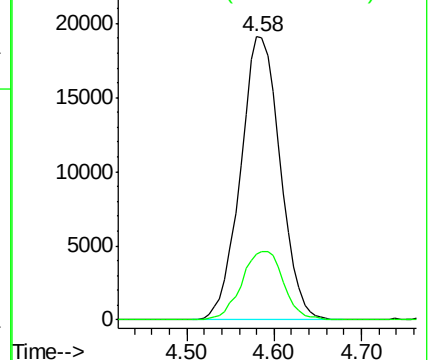
77 100

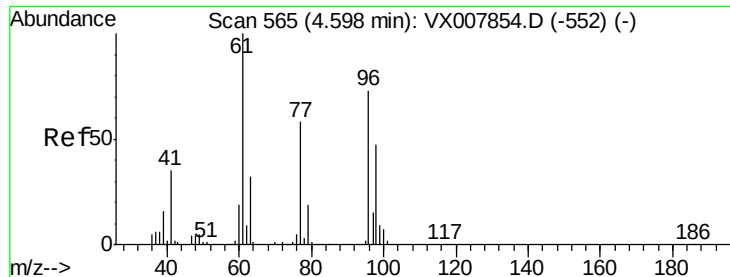
97 25.5 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



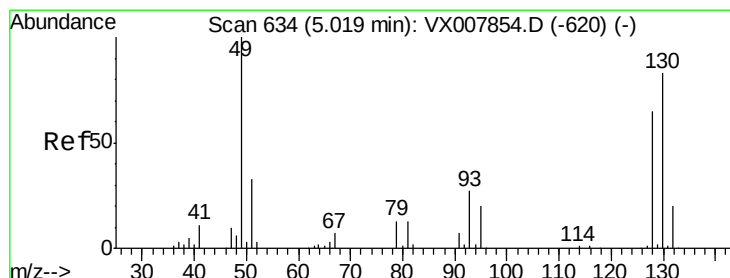
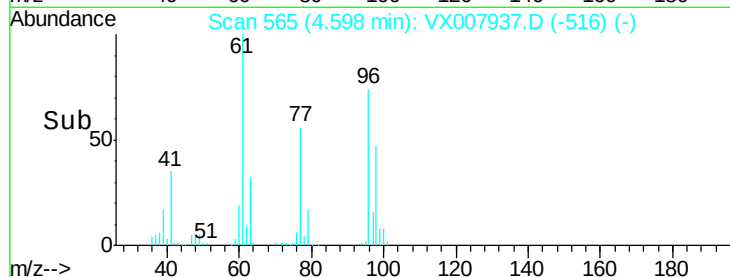
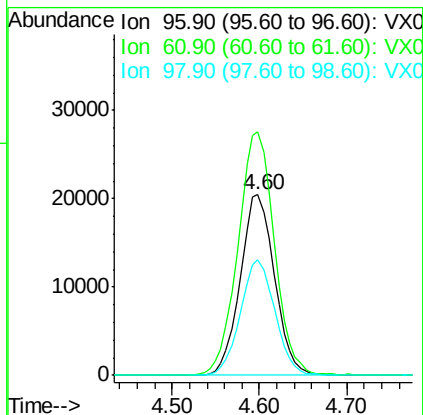
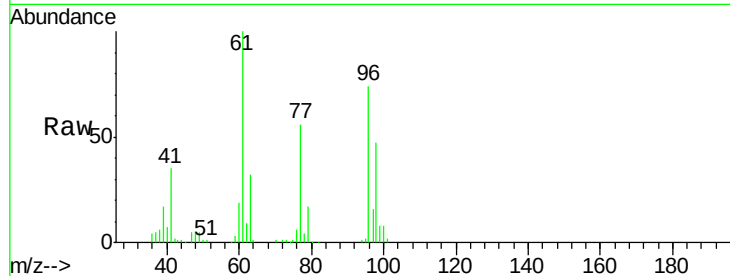


#27

cis-1,2-Dichloroethene
 Concen: 18.643 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX007937.D
 Acq: 08 Mar 2019 18:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBS02

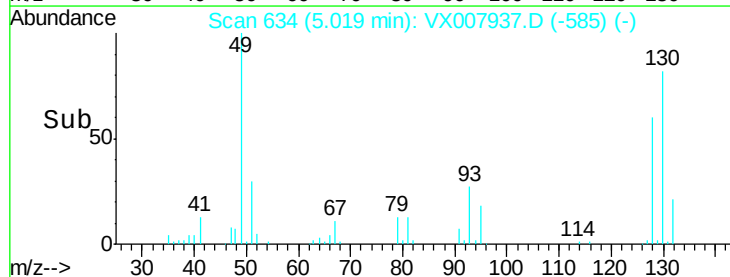
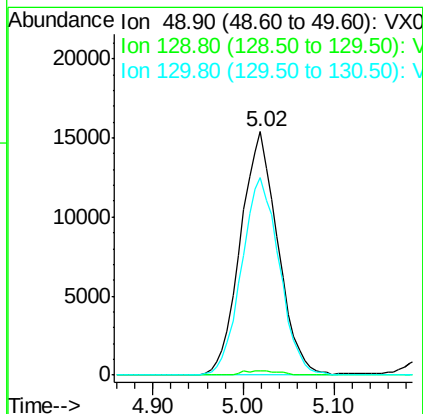
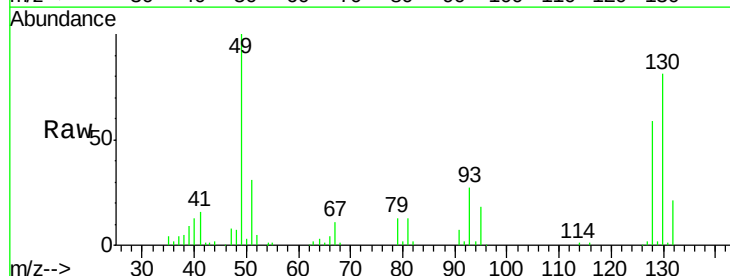
Tot Ion: 96 Resp: 55862
 Ion Ratio Lower Upper
 96 100
 61 142.9 0.0 288.0
 98 64.4 0.0 129.0

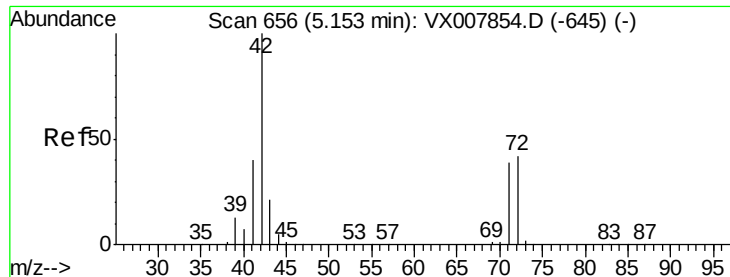


#28

Bromochloromethane
 Concen: 19.090 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VX007937.D
 Acq: 08 Mar 2019 18:15

Tgt Ion: 49 Resp: 43903
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.0
 130 82.1 65.0 97.4

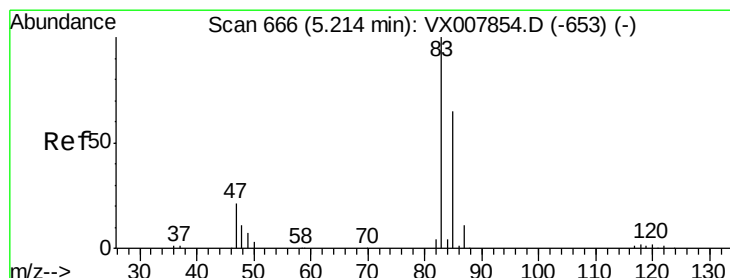
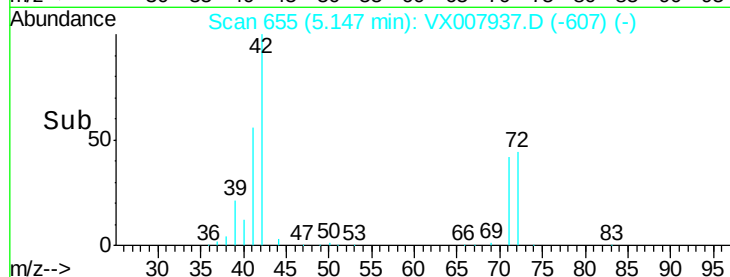
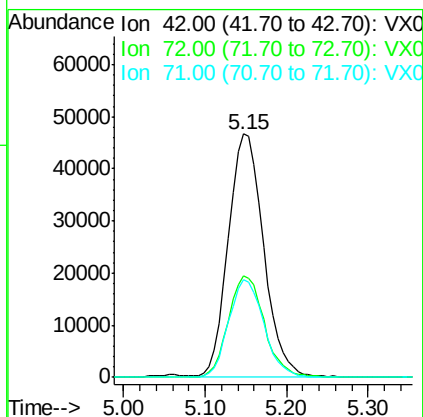
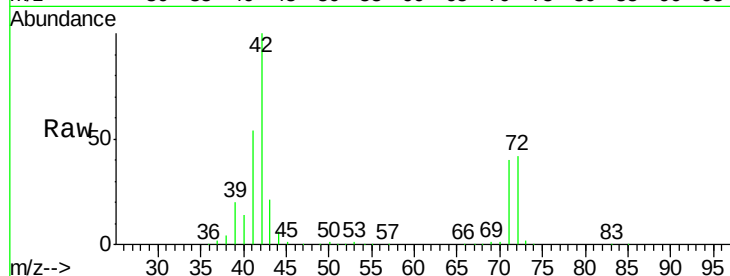




#29
Tetrahydrofuran
Concen: 92.803 ug/l
RT: 5.15 min Scan# 655
Delta R.T. -0.01 min
Lab File: VX007937.D
Acq: 08 Mar 2019 18:15

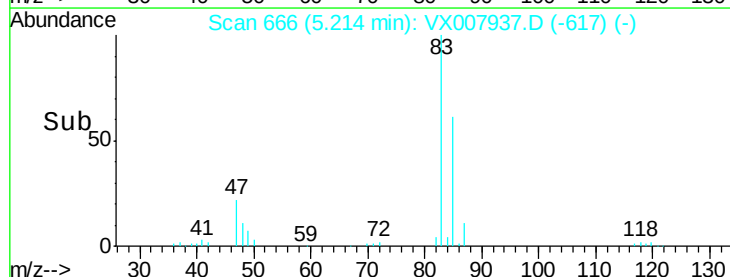
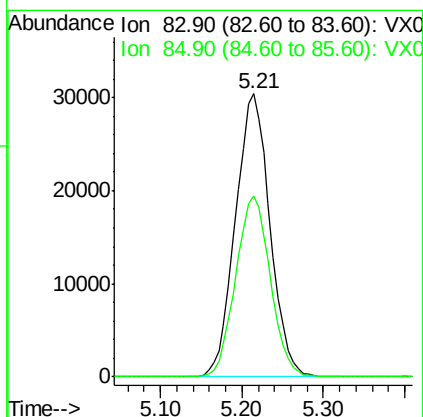
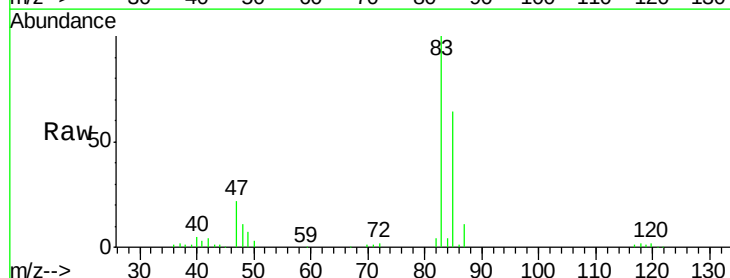
Instrument :
MSVOA_X
ClientSampleId :
VX0308WBS02

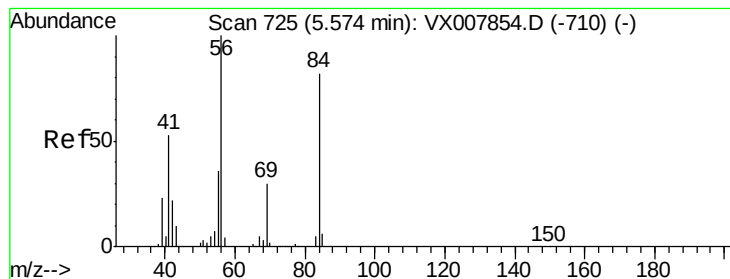
Tot Ion: 42 Resp: 139965
Ion Ratio Lower Upper
42 100
72 42.6 33.8 50.6
71 40.0 31.5 47.3



#30
Chloroform
Concen: 19.081 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX007937.D
Acq: 08 Mar 2019 18:15

Tgt Ion: 83 Resp: 89040
Ion Ratio Lower Upper
83 100
85 64.1 51.8 77.6





#31

Cyclohexane

Concen: 19.332 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX007937.D

Acq: 08 Mar 2019 18:15

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBS02

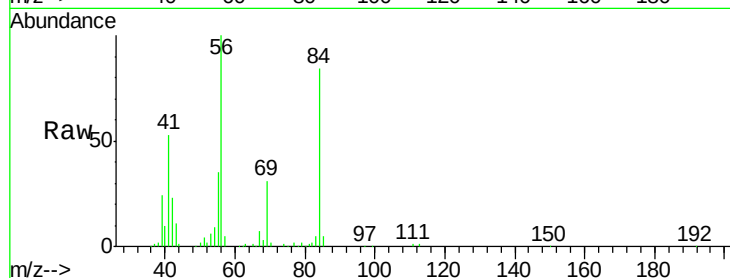
Tot Ion: 56 Resp: 87648

Ion Ratio Lower Upper

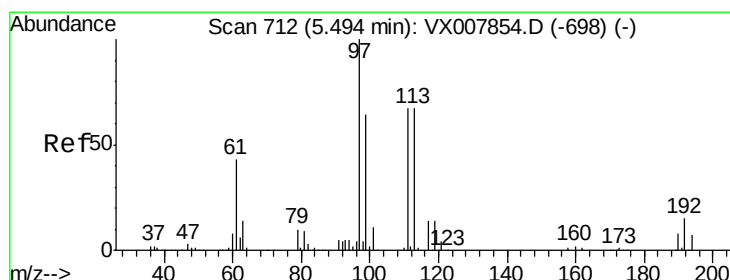
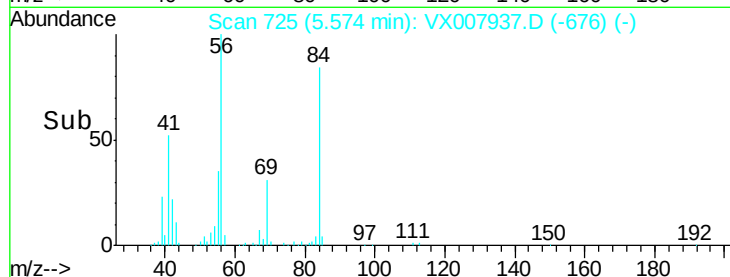
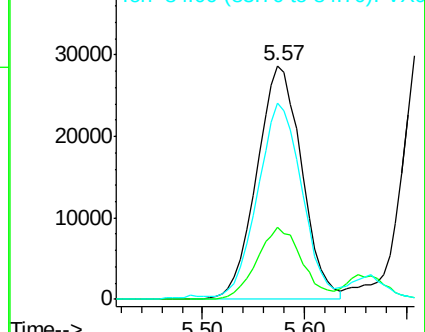
56 100

69 30.7 24.0 36.0

84 82.1 65.3 97.9



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



#32

1,1,1-Trichloroethane

Concen: 18.912 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX007937.D

Acq: 08 Mar 2019 18:15

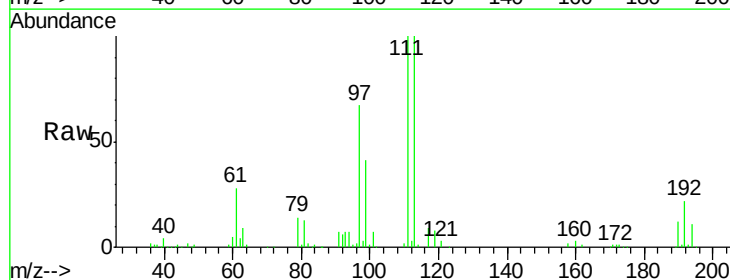
Tgt Ion: 97 Resp: 73221

Ion Ratio Lower Upper

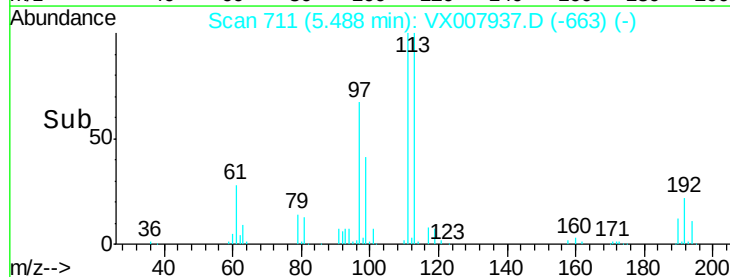
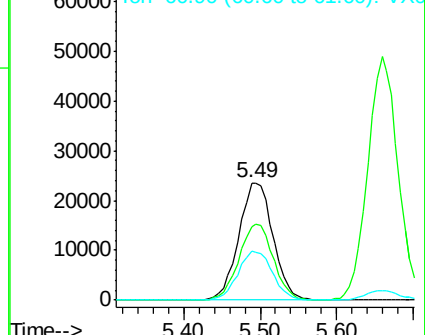
97 100

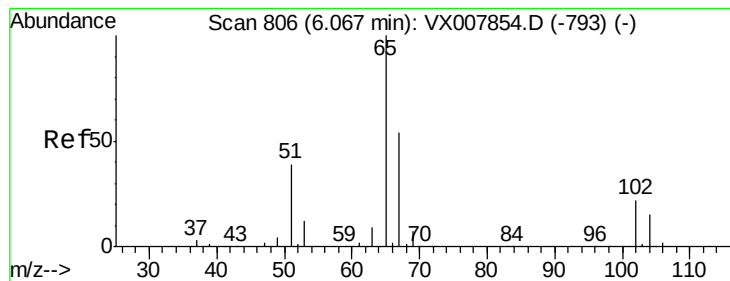
99 64.9 52.2 78.2

61 42.1 34.9 52.3



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





#33

1,2-Dichloroethane-d4

Concen: 47.023 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007937.D

Acq: 08 Mar 2019 18:15

Instrument :

MSVOA_X

ClientSampleId :

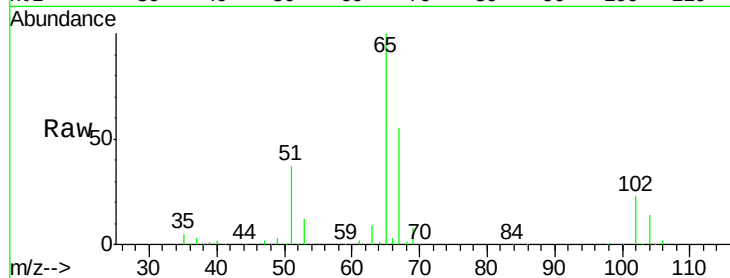
VX0308WBS02

Tot Ion: 65 Resp: 138749

Ion Ratio Lower Upper

65 100

67 54.8 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

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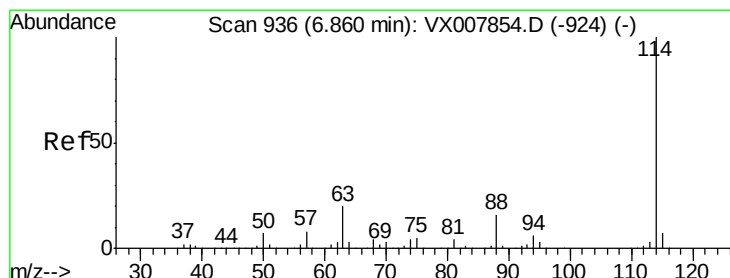
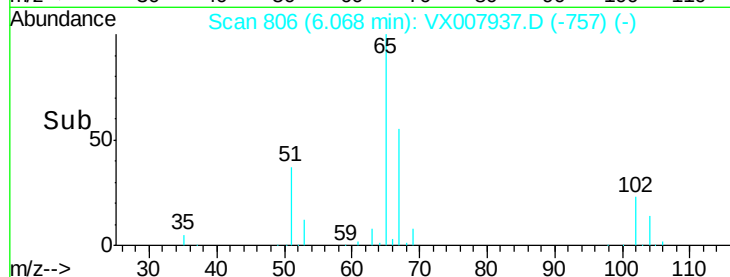
6.07

6.07

6.07

6.07

6.07



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007937.D

Acq: 08 Mar 2019 18:15

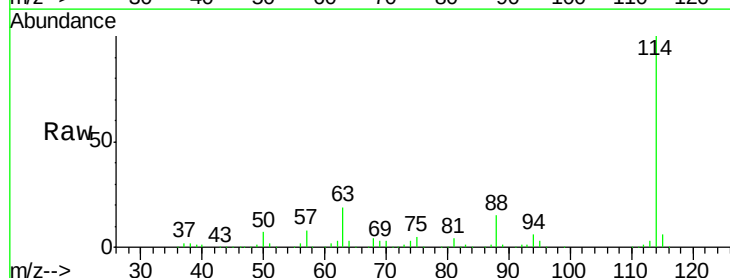
Tgt Ion: 114 Resp: 395865

Ion Ratio Lower Upper

114 100

63 19.0 0.0 39.8

88 15.3 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

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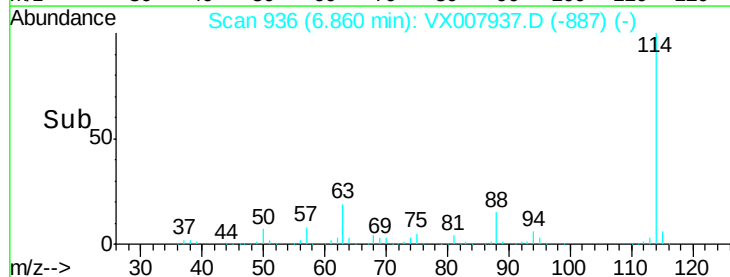
6.86

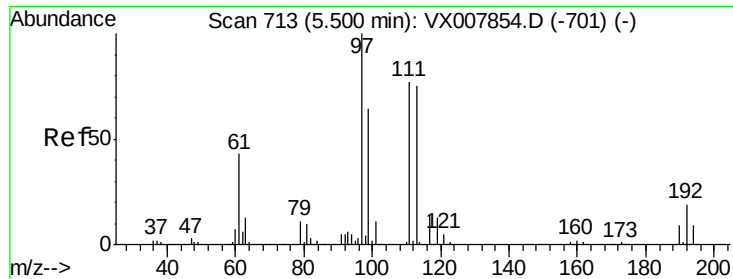
6.86

6.86

6.86

6.86

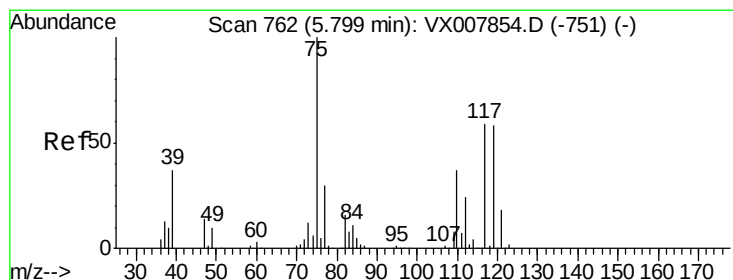
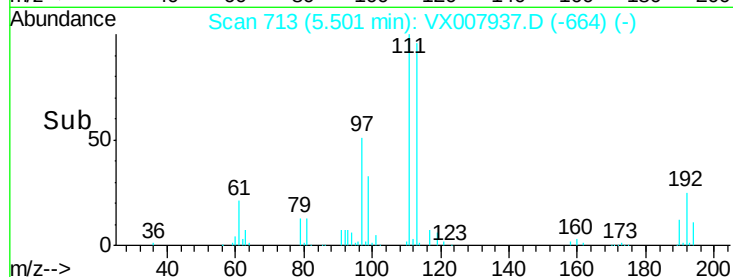
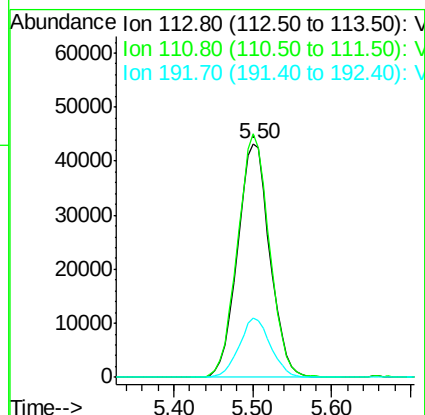
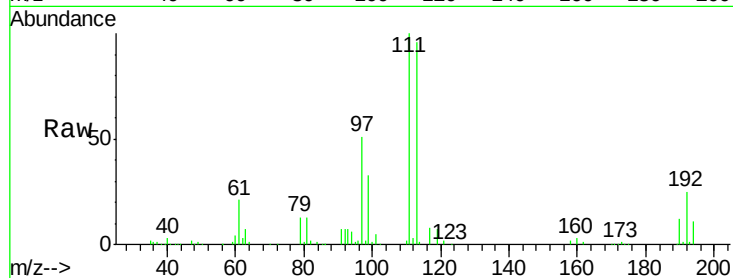




#35
 Dibromofluoromethane
 Concen: 48.583 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX007937.D
 Acq: 08 Mar 2019 18:15

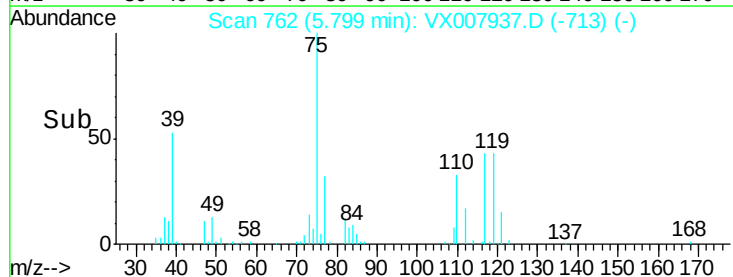
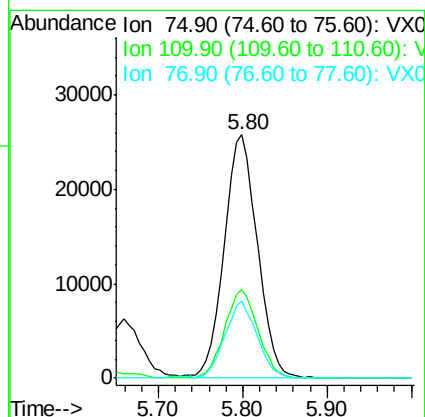
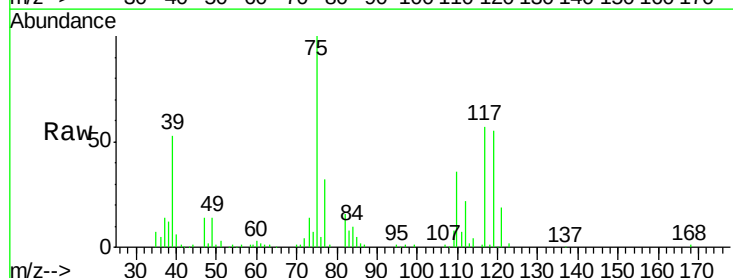
Instrument :
 MSVOA_X
 ClientSampled :
 VX0308WBS02

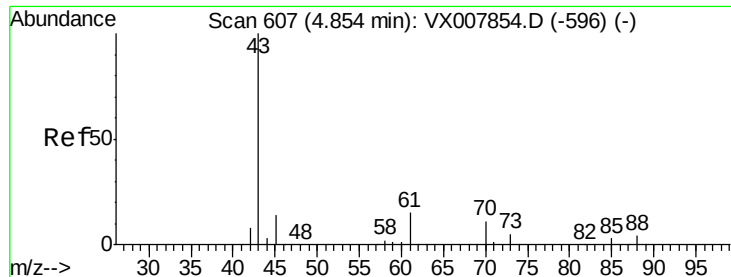
Tot Ion:113 Resp: 123022
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.4 122.0
 192 24.6 19.4 29.0



#36
 1,1-Dichloropropene
 Concen: 19.203 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX007937.D
 Acq: 08 Mar 2019 18:15

Tgt Ion: 75 Resp: 68833
 Ion Ratio Lower Upper
 75 100
 110 36.6 18.4 55.0
 77 30.8 25.0 37.4

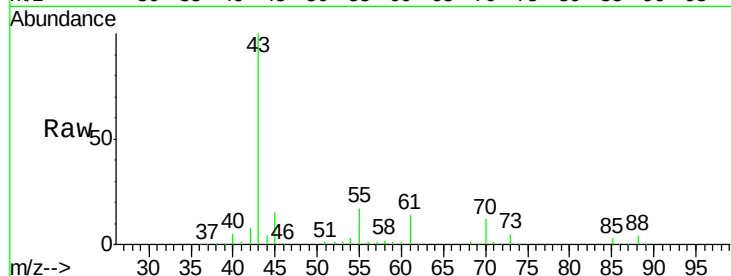




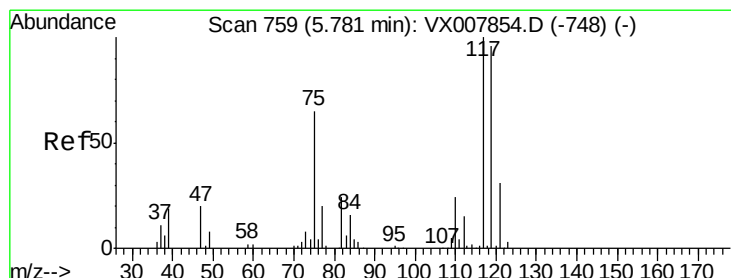
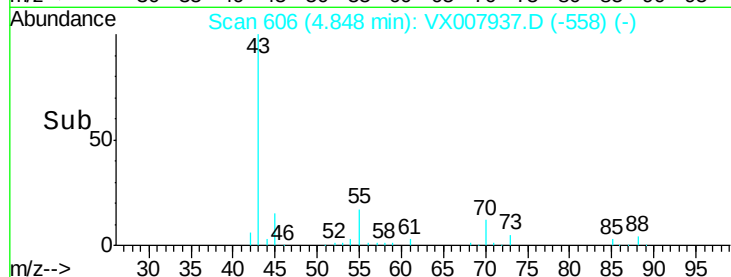
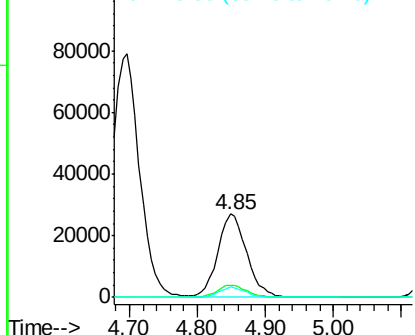
#37
Ethyl Acetate
Concen: 18.619 ug/l
RT: 4.85 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX007937.D
Acq: 08 Mar 2019 18:15

Instrument :
MSVOA_X
ClientSampled :
VX0308WBS02

Tot Ion: 43 Resp: 79199
Ion Ratio Lower Upper
43 100
61 14.4 11.3 16.9
70 11.2 8.5 12.7

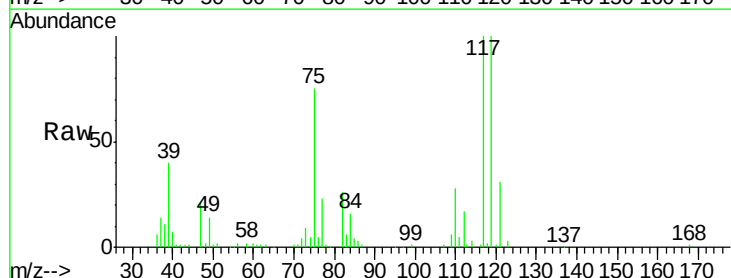


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

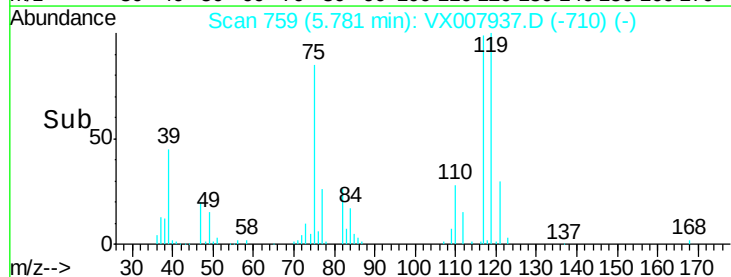
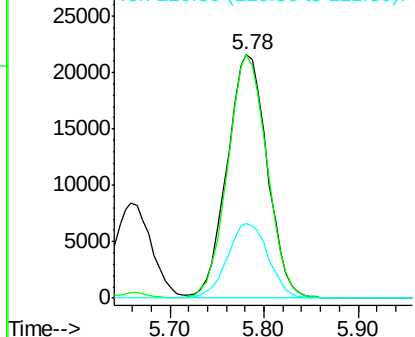


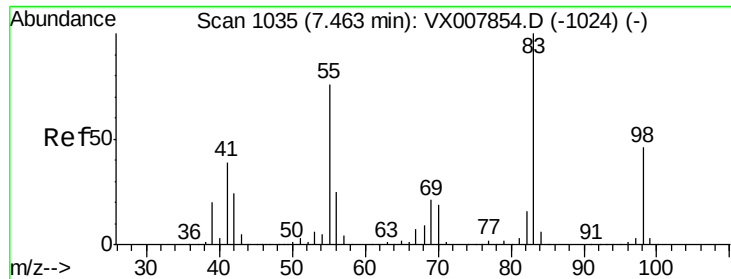
#38
Carbon Tetrachloride
Concen: 18.659 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX007937.D
Acq: 08 Mar 2019 18:15

Tgt Ion: 117 Resp: 63496
Ion Ratio Lower Upper
117 100
119 100.1 76.2 114.2
121 30.9 24.6 36.8



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

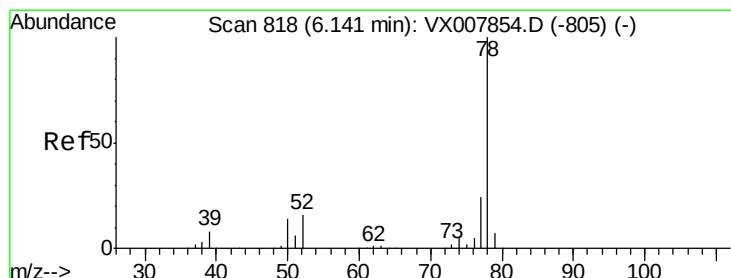
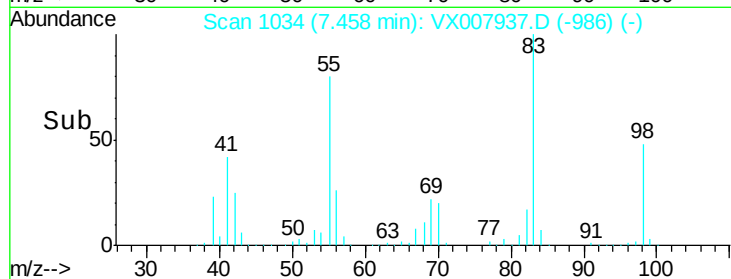
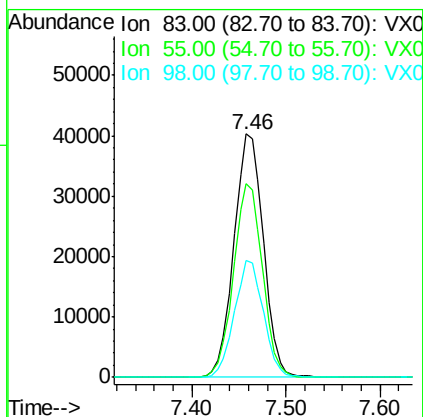
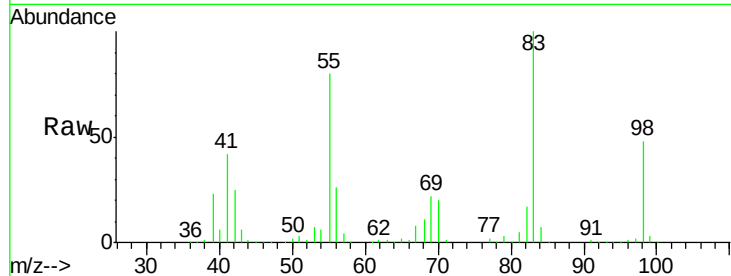




#39
Methylvlcyclohexane
Concen: 20.233 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX007937.D
Acq: 08 Mar 2019 18:15

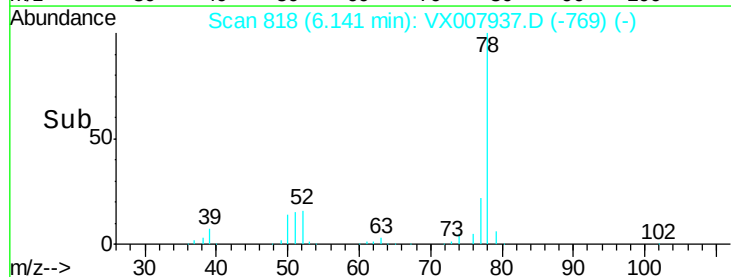
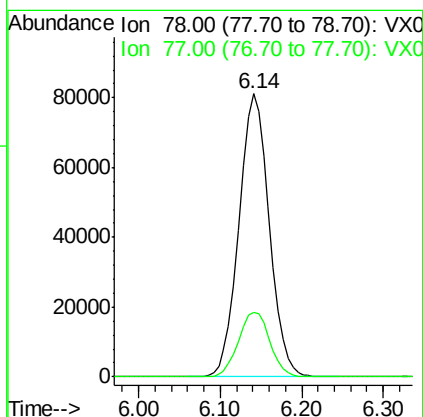
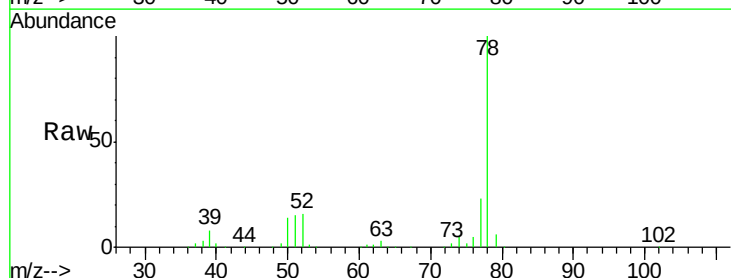
Instrument :
MSVOA_X
ClientSampled :
VX0308WBS02

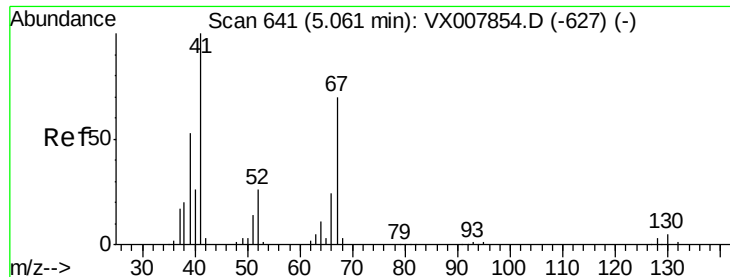
Tot Ion: 83 Resp: 87882
Ion Ratio Lower Upper
83 100
55 79.5 60.4 90.6
98 48.0 36.5 54.7



#40
Benzene
Concen: 19.603 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX007937.D
Acq: 08 Mar 2019 18:15

Tgt Ion: 78 Resp: 209188
Ion Ratio Lower Upper
78 100
77 22.9 19.0 28.4

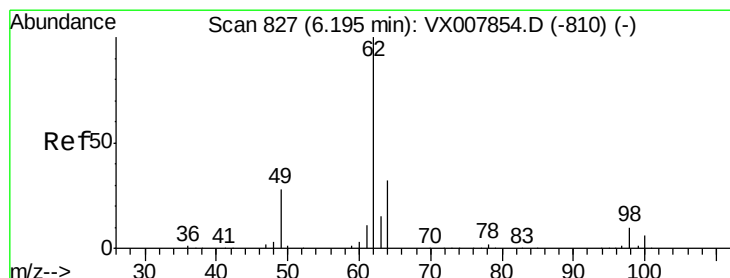
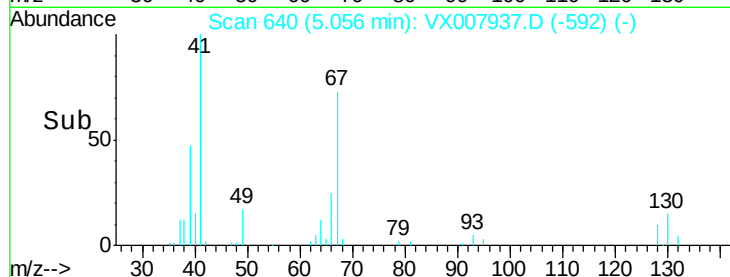
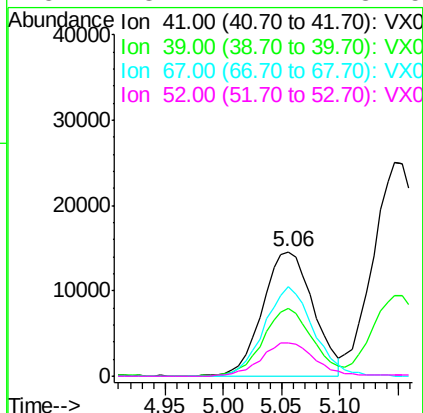
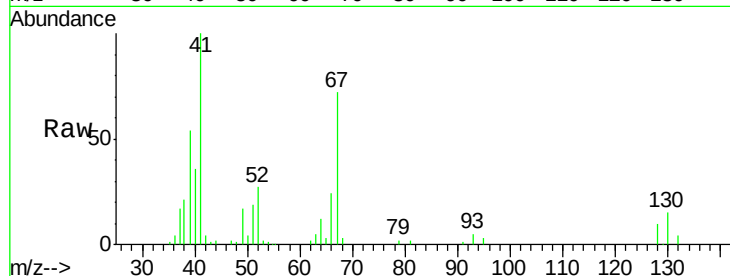




#41
Methacrylonitrile
Concen: 18.968 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX007937.D
Acq: 08 Mar 2019 18:15

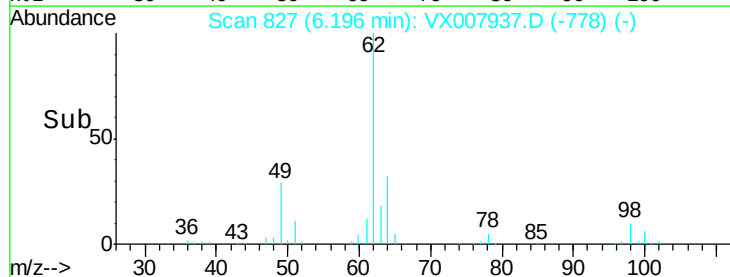
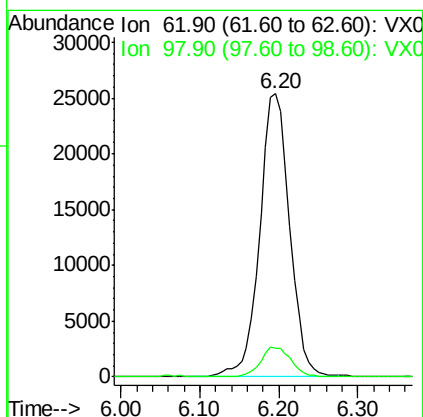
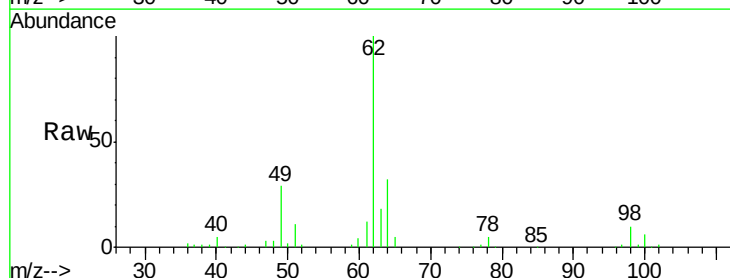
Instrument :
MSVOA_X
ClientSampleId :
VX0308WBS02

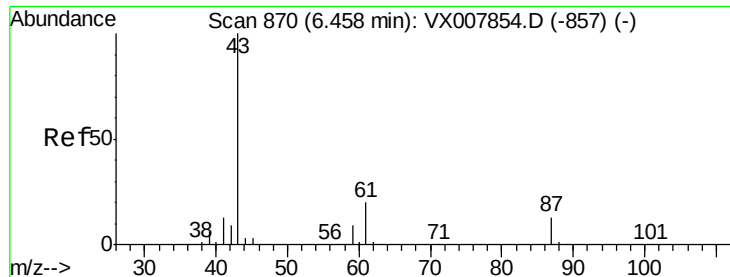
Tot Ion:	41	Resp:	43990
Ion	Ratio	Lower	Upper
41	100		
39	53.6	41.6	62.4
67	69.9	55.8	83.6
52	28.4	21.7	32.5



#42
1,2-Dichloroethane
Concen: 19.252 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX007937.D
Acq: 08 Mar 2019 18:15

Tgt Ion:	62	Resp:	67186
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	20.4





#43

Isopropyl Acetate

Concen: 19.299 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX007937.D

Acq: 08 Mar 2019 18:15

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBS02

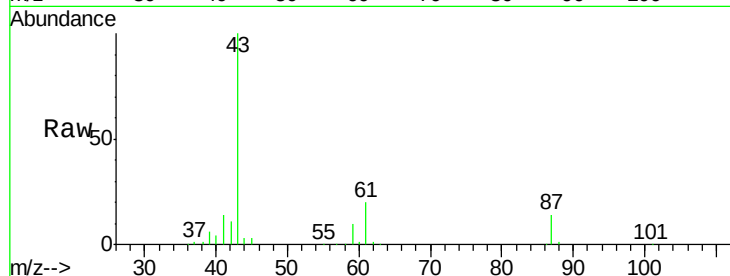
Tot Ion: 43 Resp: 121491

Ion Ratio Lower Upper

43 100

61 20.7 16.3 24.5

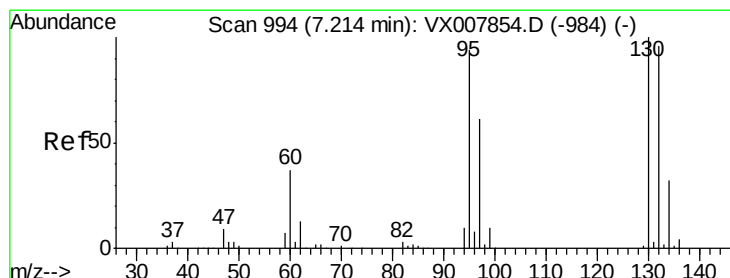
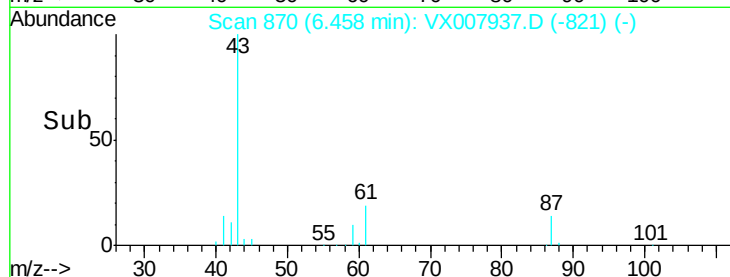
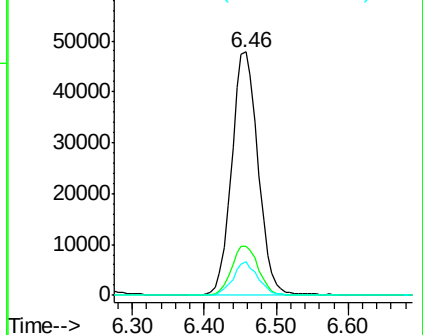
87 13.0 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 19.537 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX007937.D

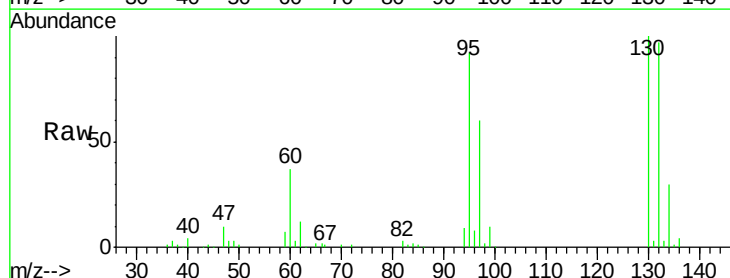
Acq: 08 Mar 2019 18:15

Tgt Ion:130 Resp: 57454

Ion Ratio Lower Upper

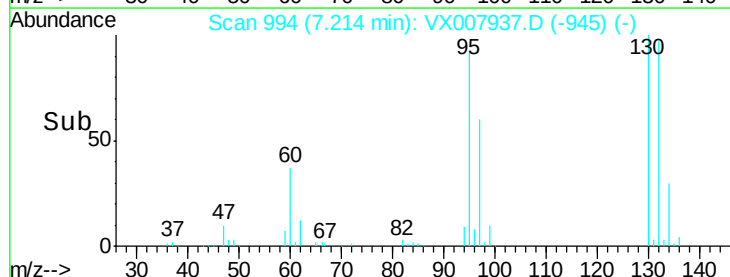
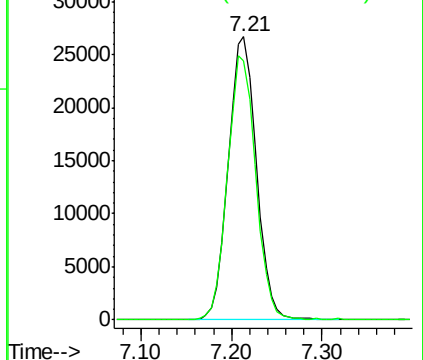
130 100

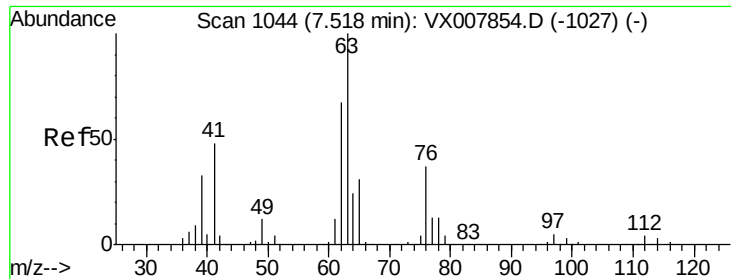
95 91.5 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

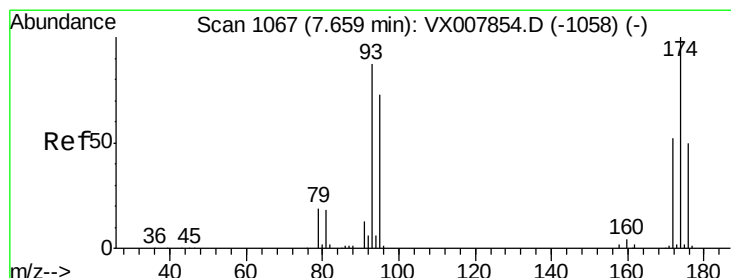
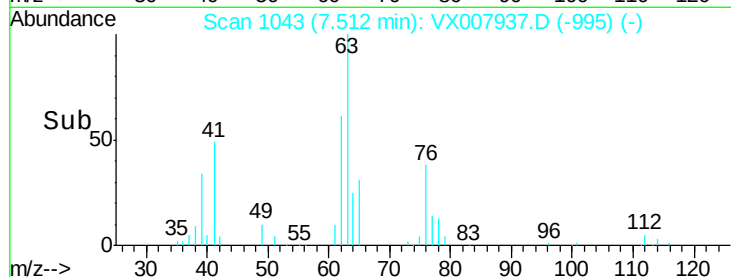
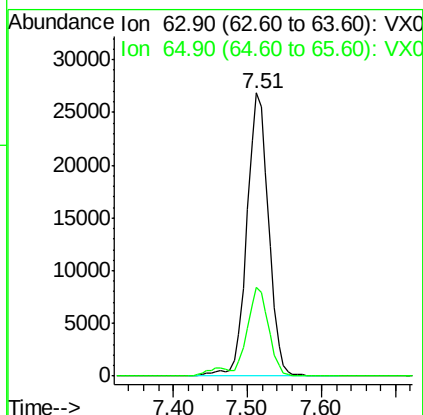
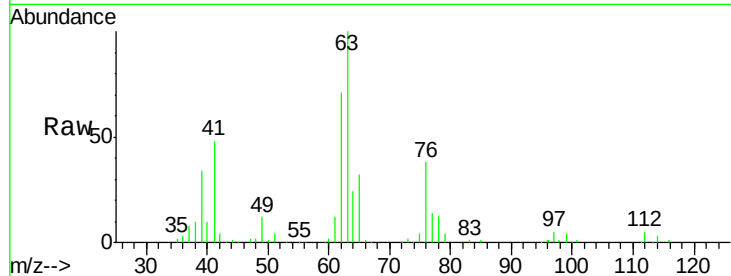




#45
 1,2-Dichloropropane
 Concen: 19.523 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: VX007937.D
 Acq: 08 Mar 2019 18:15

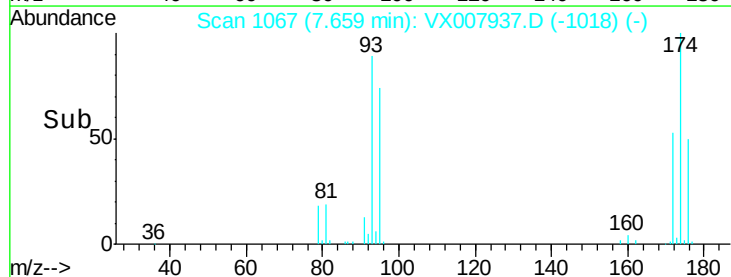
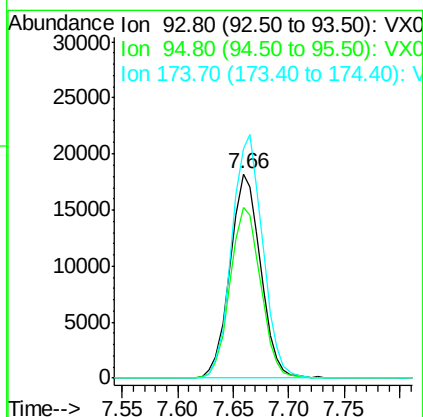
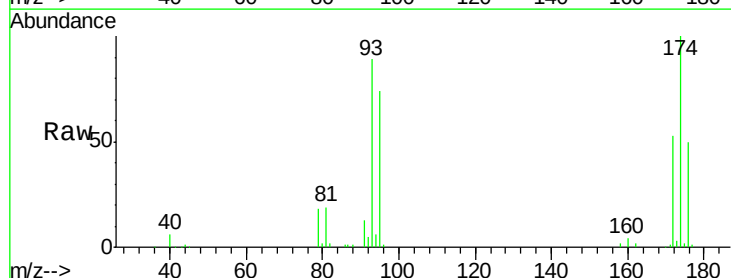
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBS02

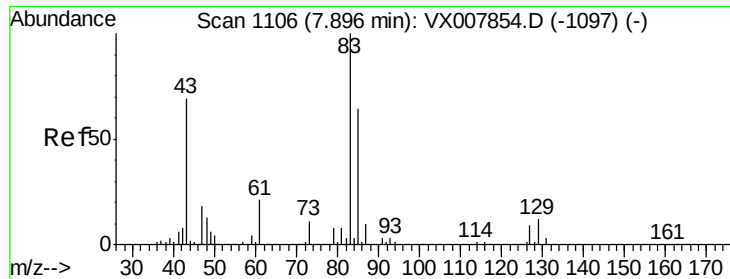
Tot Ion: 63 Resp: 55025
 Ion Ratio Lower Upper
 63 100
 65 31.5 24.7 37.1



#46
 Dibromomethane
 Concen: 19.476 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX007937.D
 Acq: 08 Mar 2019 18:15

Tgt Ion: 93 Resp: 34739
 Ion Ratio Lower Upper
 93 100
 95 83.4 66.8 100.2
 174 119.8 97.3 145.9





#47

Bromodichloromethane

Concen: 18.721 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007937.D

Acq: 08 Mar 2019 18:15

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBS02

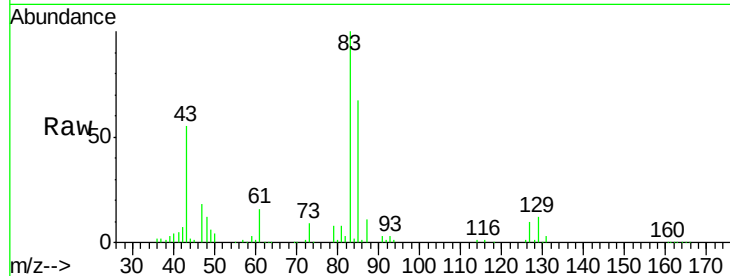
Tot Ion: 83 Resp: 63308

Ion Ratio Lower Upper

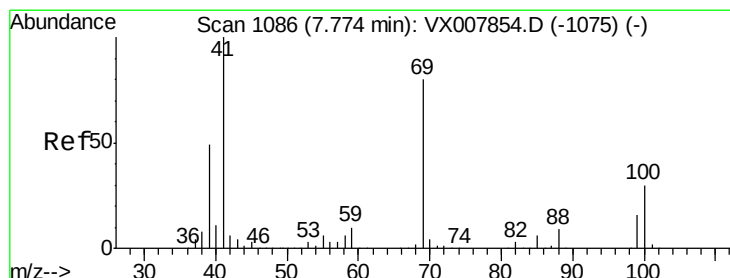
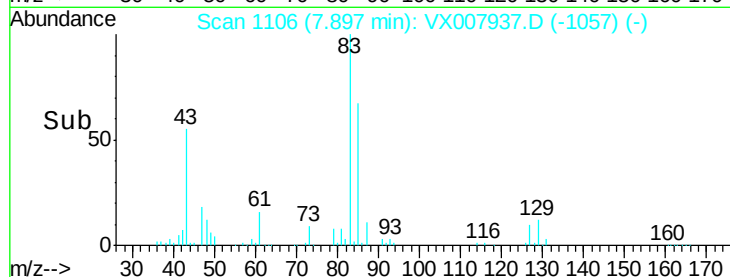
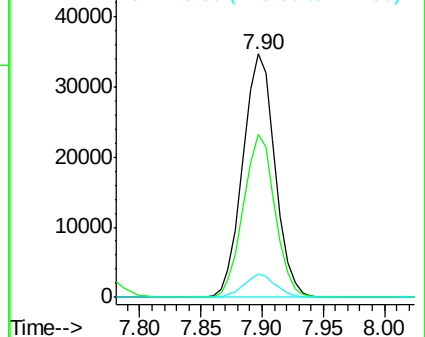
83 100

85 66.9 50.9 76.3

127 9.5 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: 19.273 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX007937.D

Acq: 08 Mar 2019 18:15

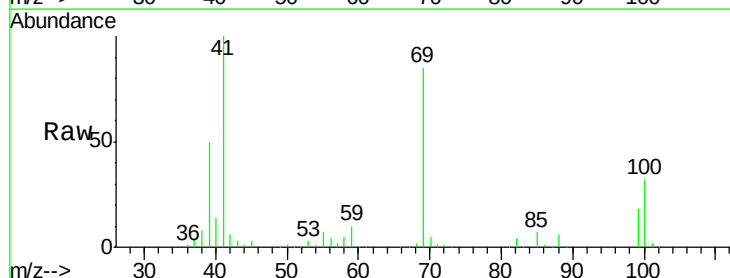
Tgt Ion: 41 Resp: 63791

Ion Ratio Lower Upper

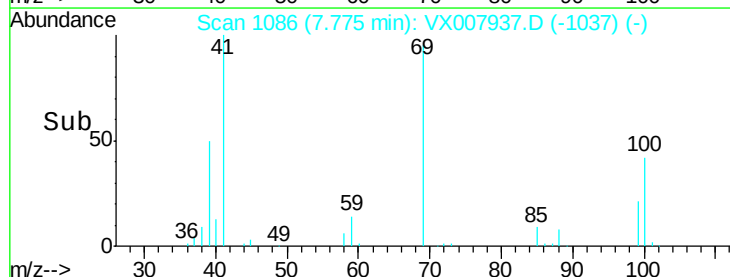
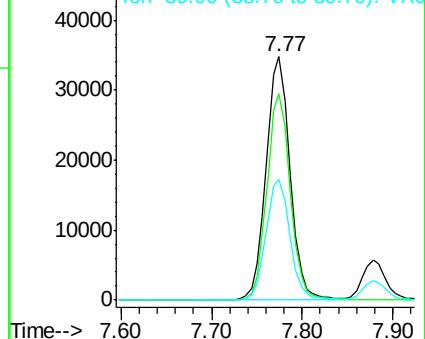
41 100

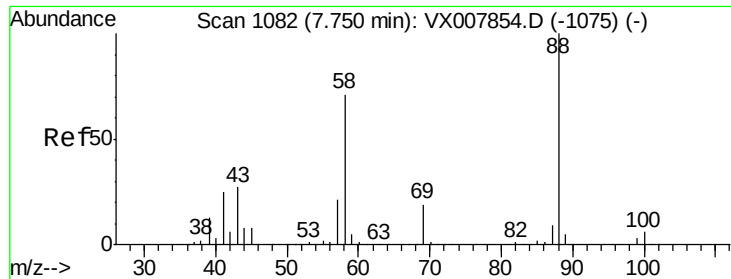
69 83.0 65.2 97.8

39 50.2 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

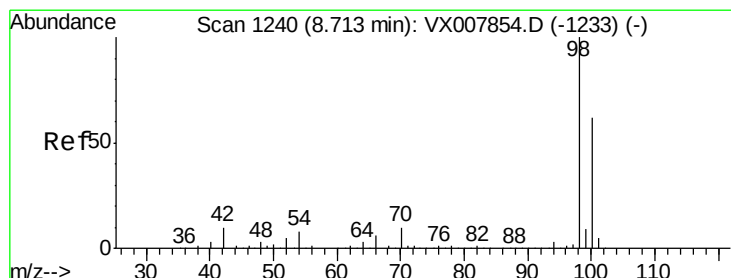
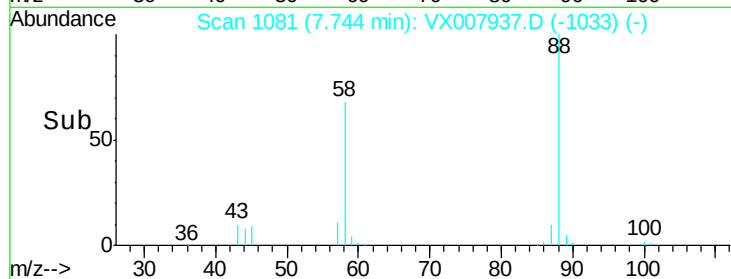
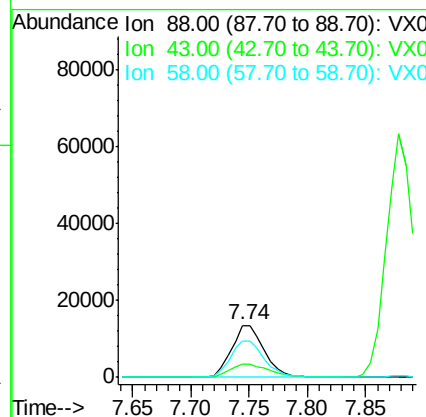
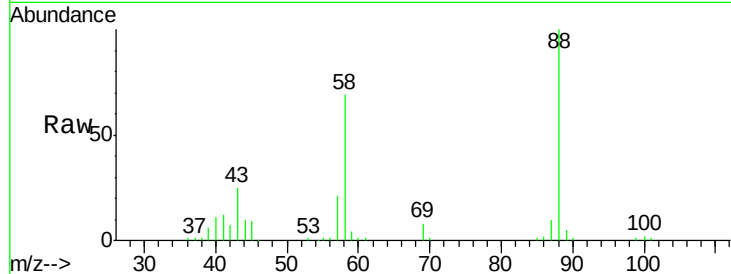




#49
 1,4-Dioxane
 Concen: 386.508 ug/l
 RT: 7.74 min Scan# 1081
 Delta R.T. -0.01 min
 Lab File: VX007937.D
 Acq: 08 Mar 2019 18:15

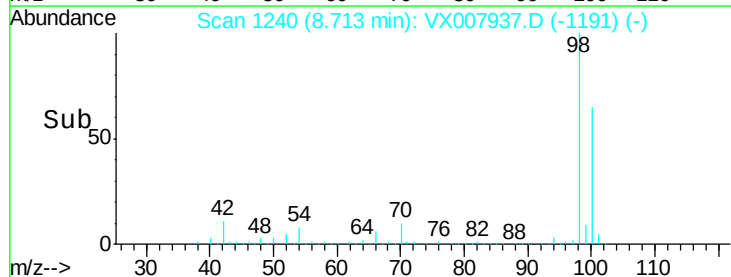
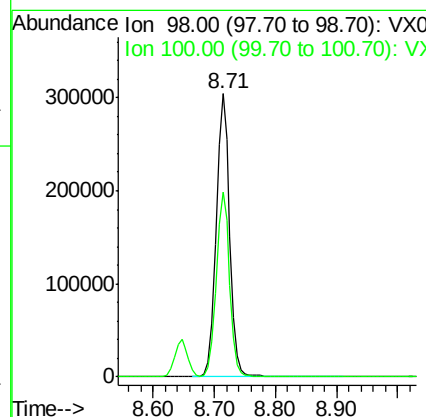
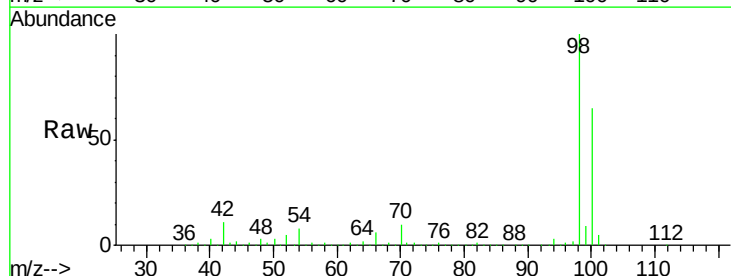
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBS02

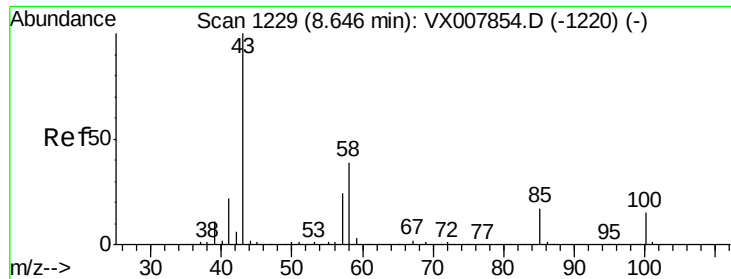
Tot Ion: 88 Resp: 26279
 Ion Ratio Lower Upper
 88 100
 43 31.1 25.1 37.7
 58 73.1 57.8 86.6



#50
 Toluene-d8
 Concen: 50.629 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX007937.D
 Acq: 08 Mar 2019 18:15

Tgt Ion: 98 Resp: 470834
 Ion Ratio Lower Upper
 98 100
 100 65.2 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 100.605 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX007937.D

Acq: 08 Mar 2019 18:15

Instrument :

MSVOA_X

ClientSampleId :

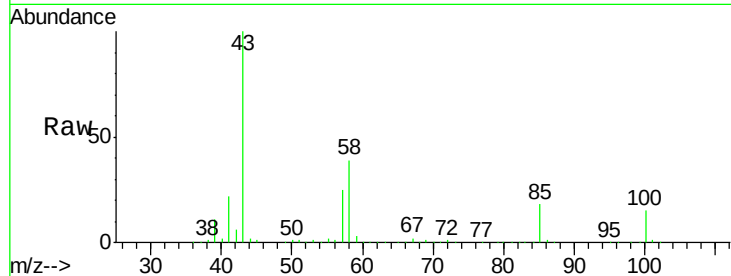
VX0308WBS02

Tot Ion: 43 Resp: 407301

Ion Ratio Lower Upper

43 100

58 39.2 31.3 46.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

250000

200000

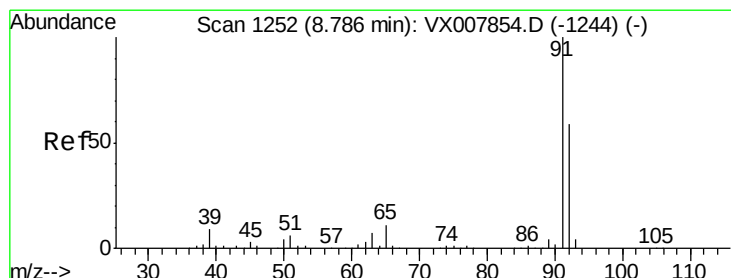
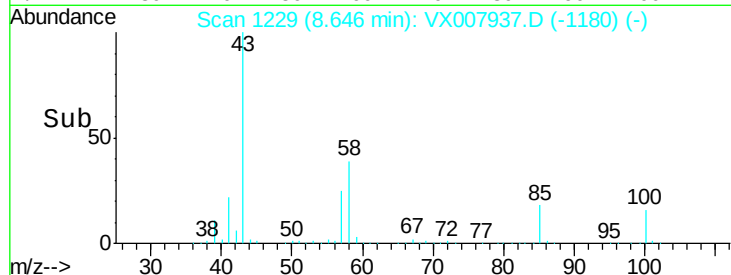
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 20.080 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX007937.D

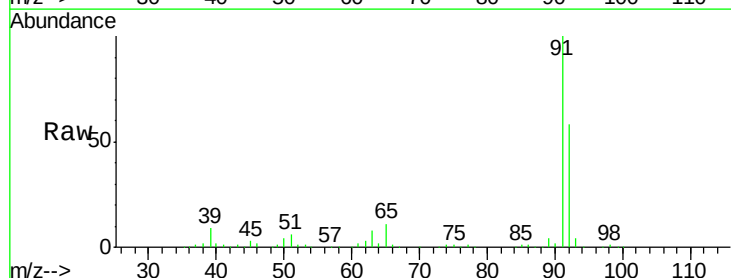
Acq: 08 Mar 2019 18:15

Tgt Ion: 92 Resp: 130820

Ion Ratio Lower Upper

92 100

91 172.8 137.4 206.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

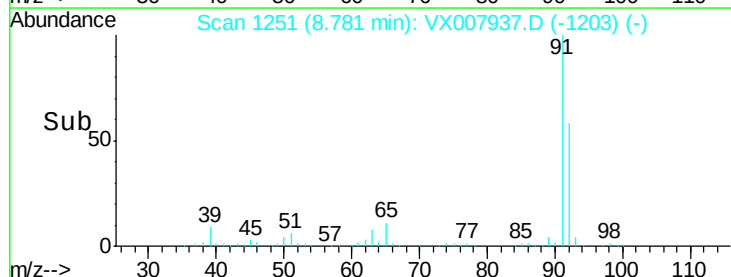
150000

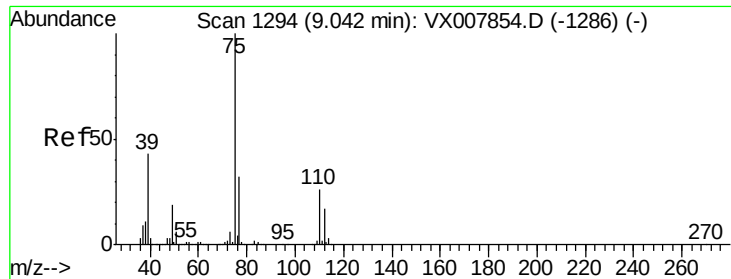
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 18.969 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007937.D

Acq: 08 Mar 2019 18:15

Instrument :

MSVOA_X

ClientSampled :

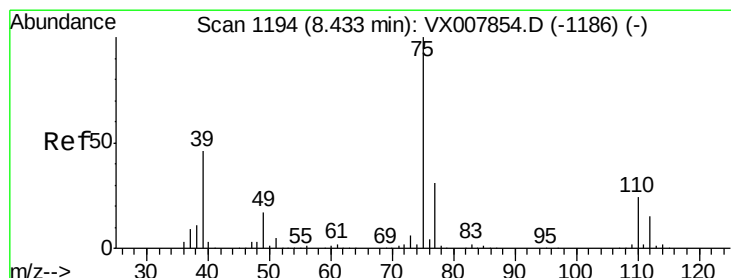
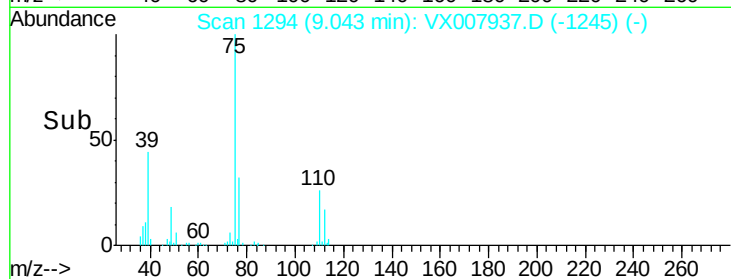
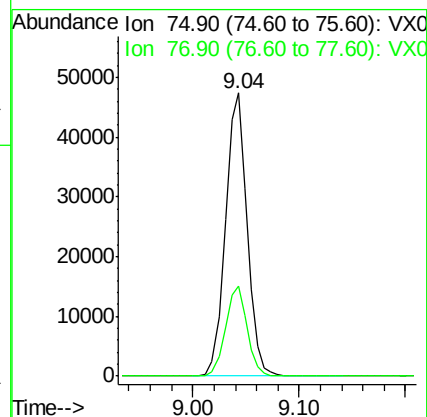
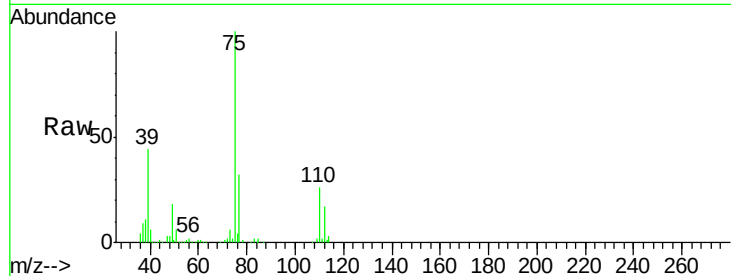
VX0308WBS02

Tot Ion: 75 Resp: 66956

Ion Ratio Lower Upper

75 100

77 31.9 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 19.416 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX007937.D

Acq: 08 Mar 2019 18:15

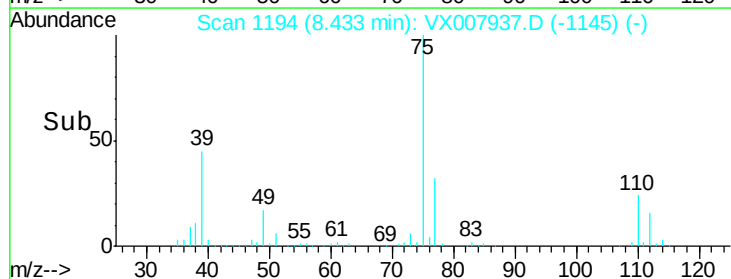
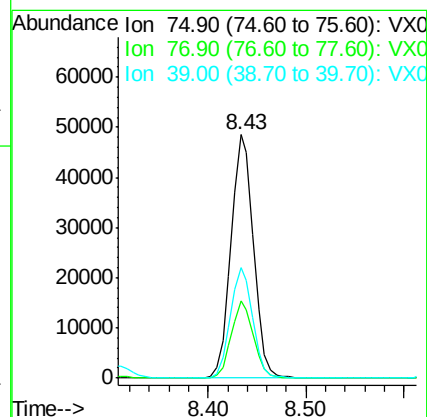
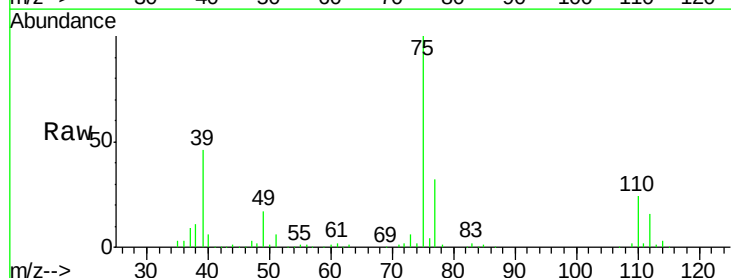
Tgt Ion: 75 Resp: 77391

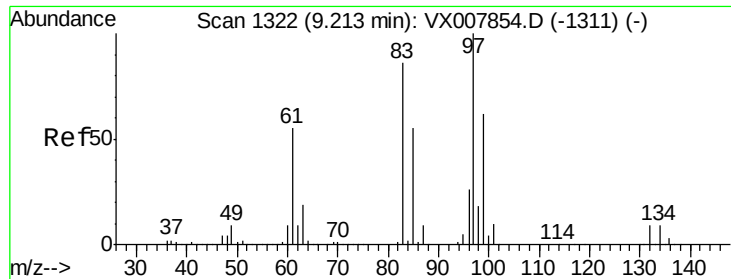
Ion Ratio Lower Upper

75 100

77 31.6 25.0 37.6

39 45.6 36.6 54.8

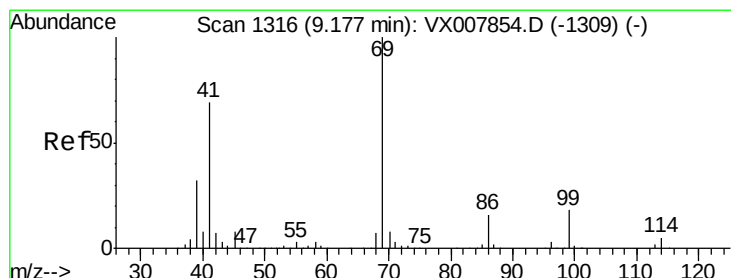
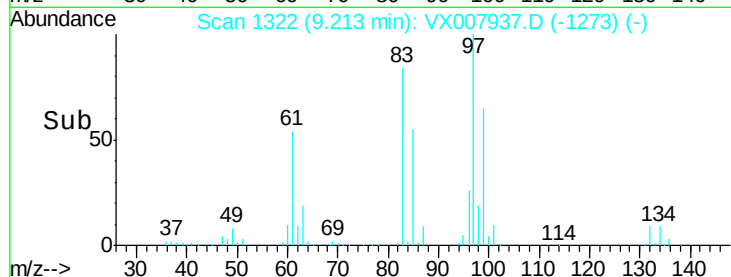
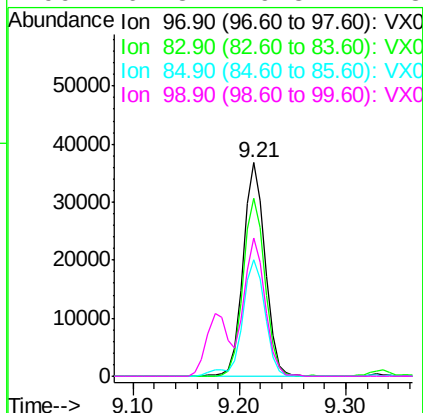
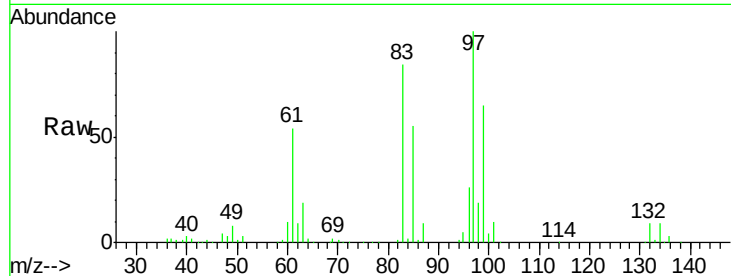




#55
 1,1,2-Trichloroethane
 Concen: 20.220 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX007937.D
 Acq: 08 Mar 2019 18:15

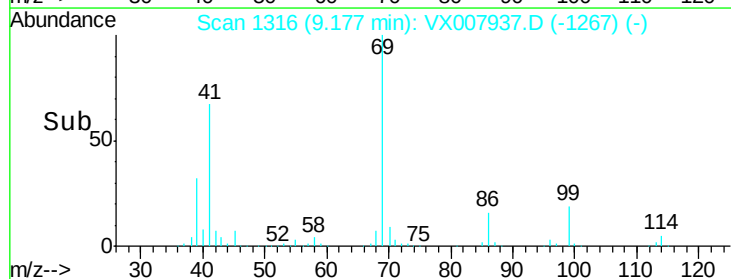
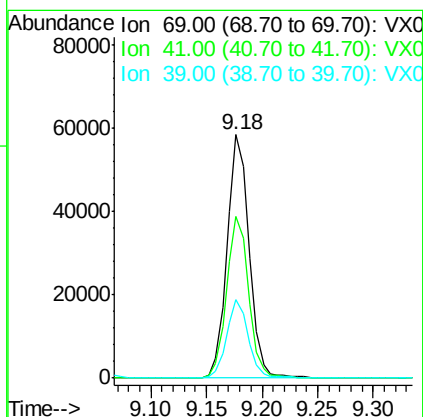
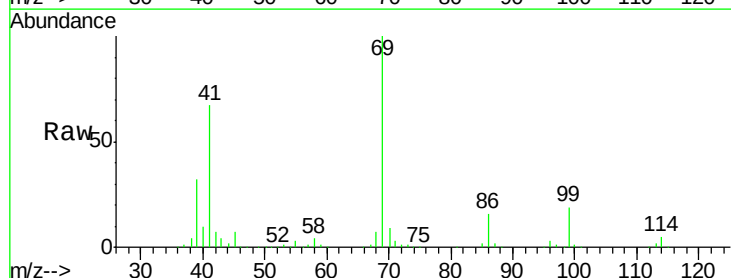
Instrument :
 MSVOA_X
 ClientSampled :
 VX0308WBS02

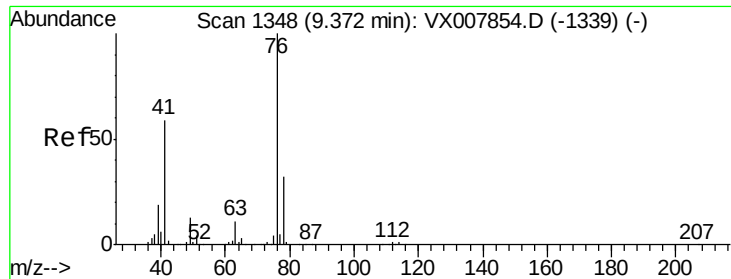
Tot Ion:	97	Resp:	53326
Ion	Ratio	Lower	Upper
97	100		
83	83.6	69.1	103.7
85	54.7	44.3	66.5
99	64.8	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 20.170 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX007937.D
 Acq: 08 Mar 2019 18:15

Tgt Ion:	69	Resp:	79869
Ion	Ratio	Lower	Upper
69	100		
41	67.4	54.2	81.4
39	32.3	25.0	37.4

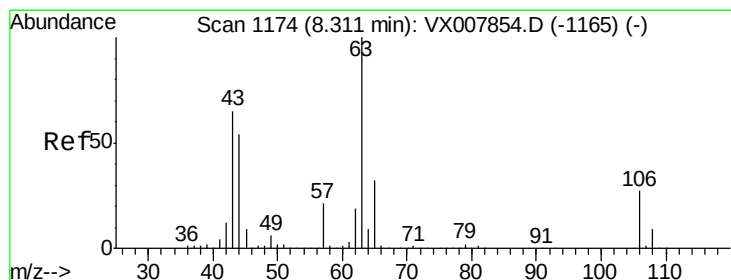
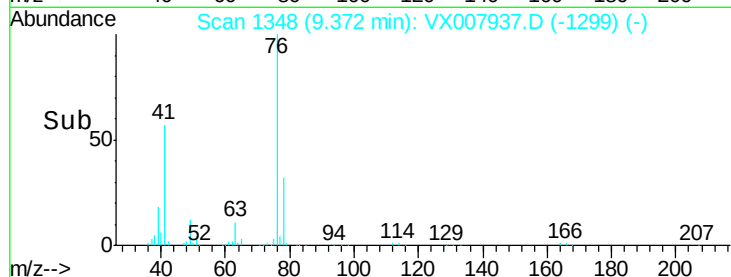
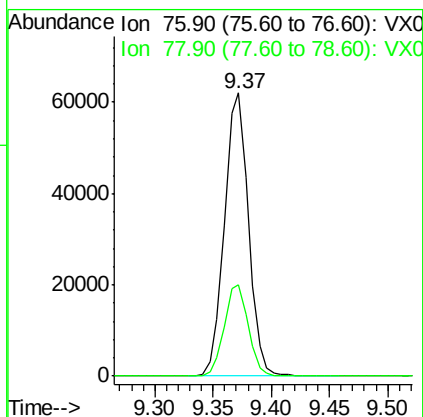
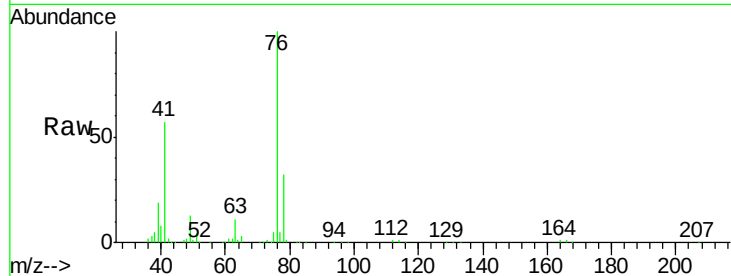




#57
 1,3-Dichloropropane
 Concen: 19.975 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX007937.D
 Acq: 08 Mar 2019 18:15

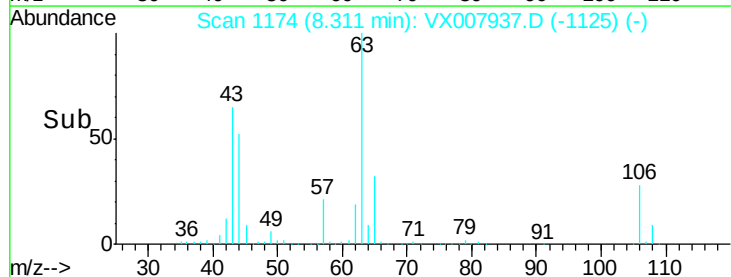
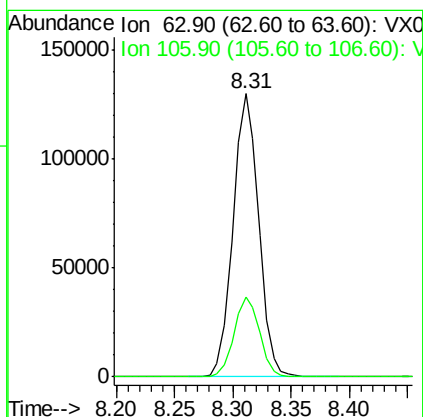
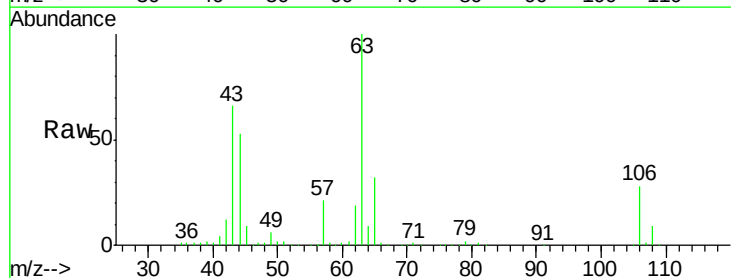
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBS02

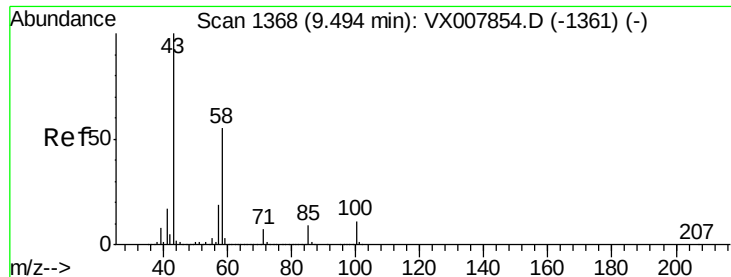
Tot Ion: 76 Resp: 88457
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 97.611 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX007937.D
 Acq: 08 Mar 2019 18:15

Tgt Ion: 63 Resp: 199941
 Ion Ratio Lower Upper
 63 100
 106 28.2 22.2 33.2

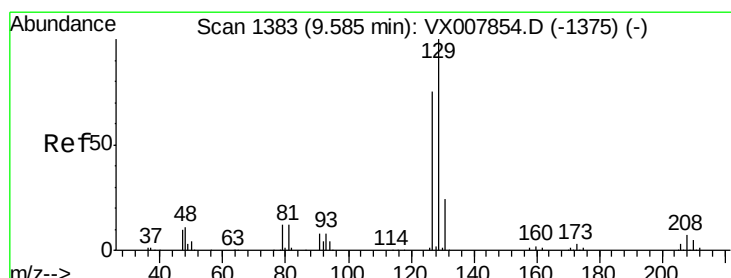
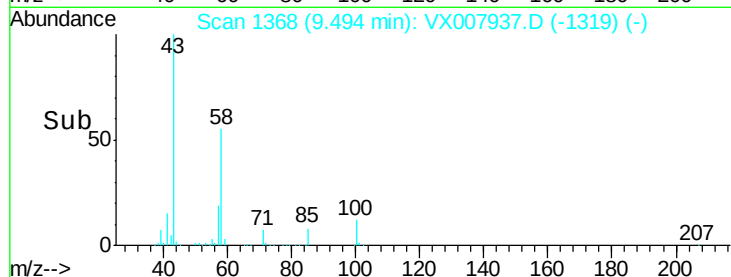
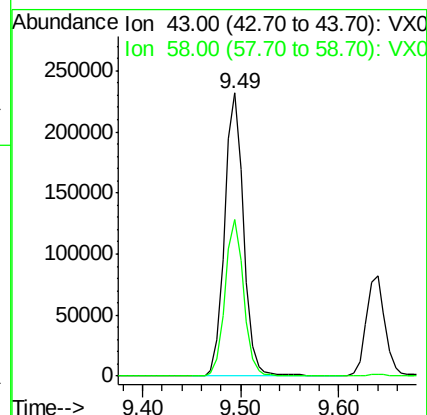
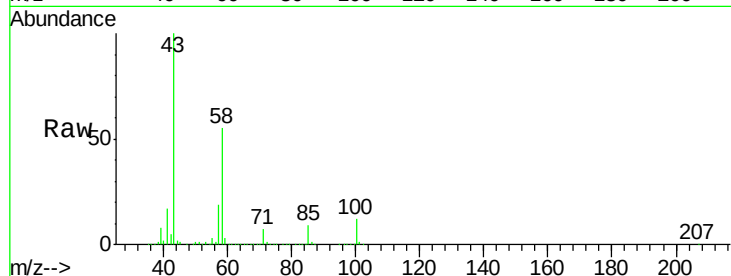




#59
2-Hexanone
Concen: 98.917 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007937.D
Acq: 08 Mar 2019 18:15

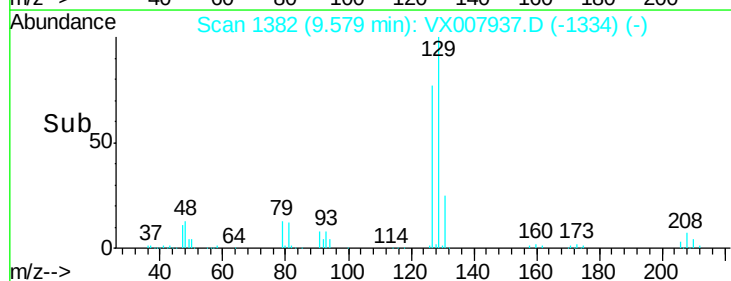
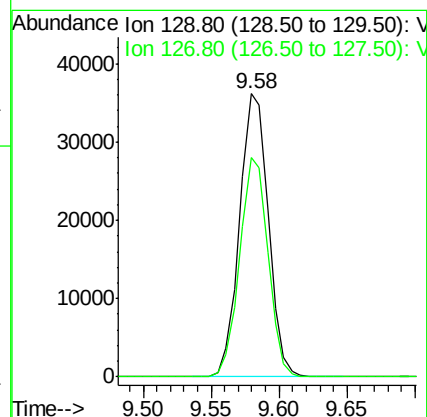
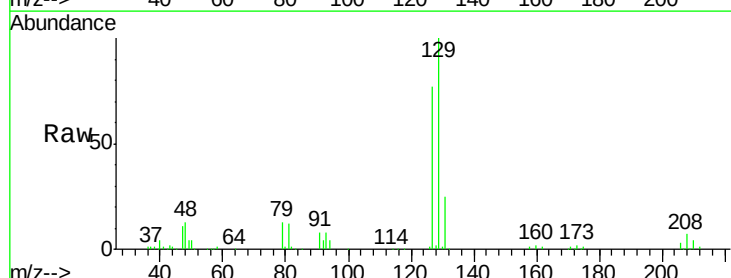
Instrument :
MSVOA_X
ClientSampled :
VX0308WBS02

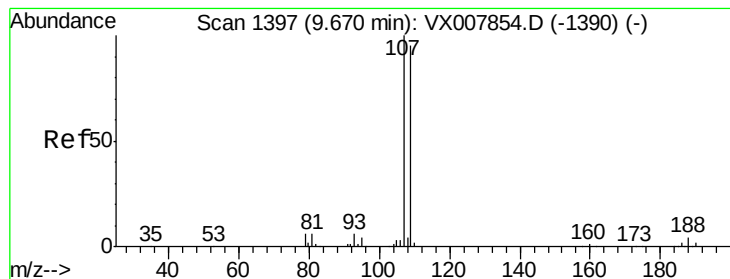
Tot Ion: 43 Resp: 310914
Ion Ratio Lower Upper
43 100
58 54.7 27.6 82.7



#60
Dibromochloromethane
Concen: 19.309 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.01 min
Lab File: VX007937.D
Acq: 08 Mar 2019 18:15

Tgt Ion: 129 Resp: 53227
Ion Ratio Lower Upper
129 100
127 76.8 38.3 114.8





#61

1,2-Dibromoethane

Concen: 19.800 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007937.D

Acq: 08 Mar 2019 18:15

Instrument :

MSVOA_X

ClientSampleId :

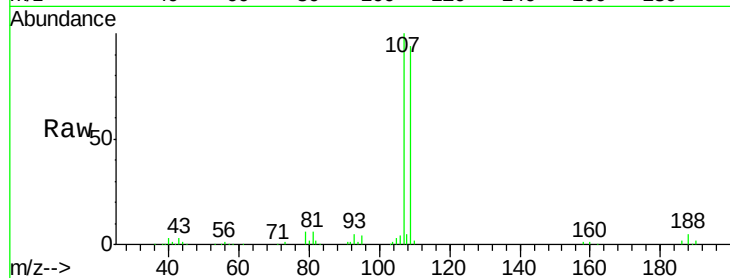
VX0308WBS02

Tot Ion:107 Resp: 55442

Ion Ratio Lower Upper

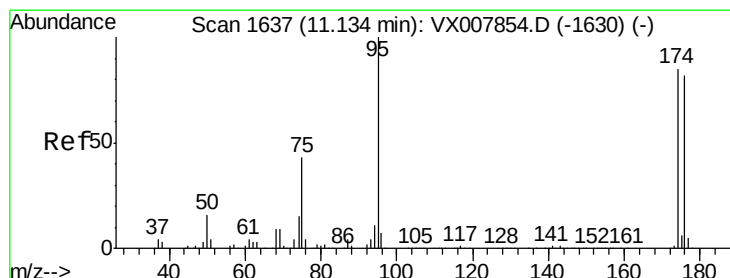
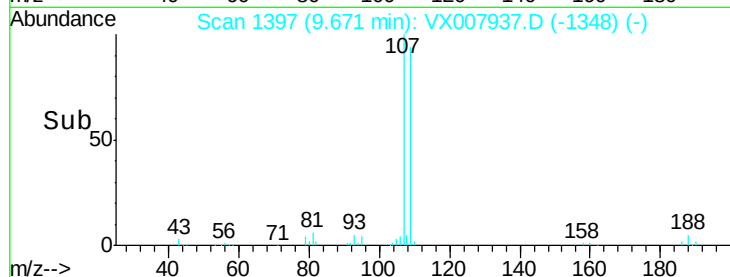
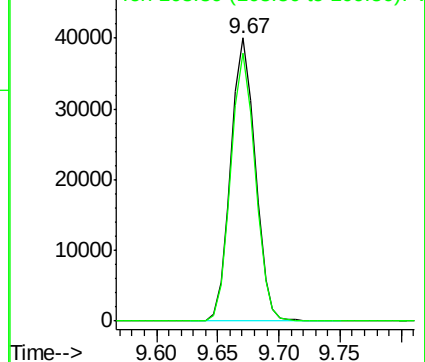
107 100

109 94.8 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.753 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007937.D

Acq: 08 Mar 2019 18:15

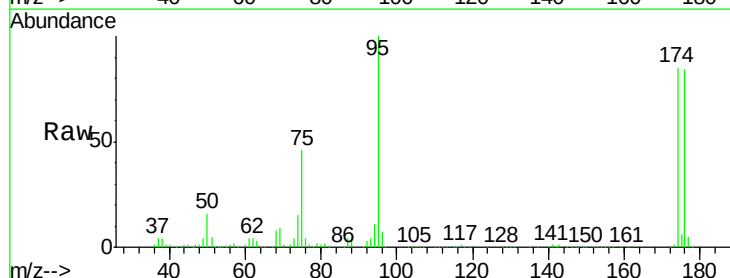
Tgt Ion: 95 Resp: 172002

Ion Ratio Lower Upper

95 100

174 90.9 0.0 182.8

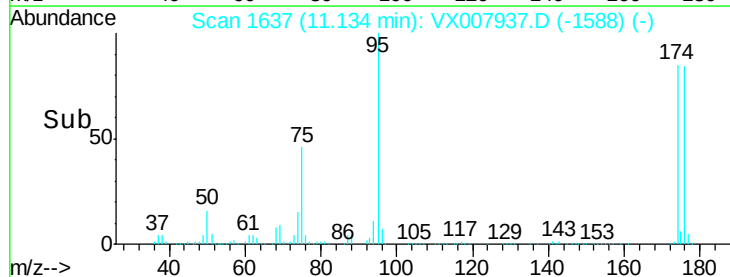
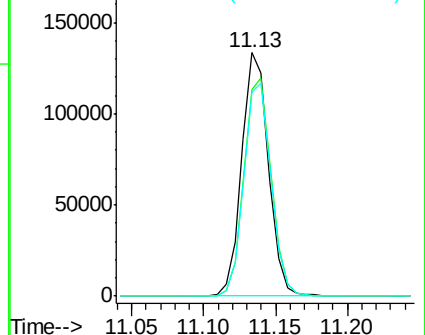
176 88.8 0.0 178.0

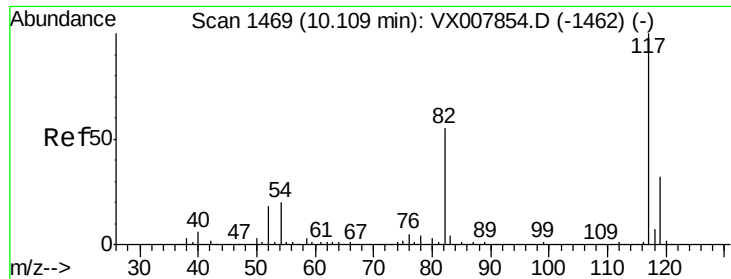


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

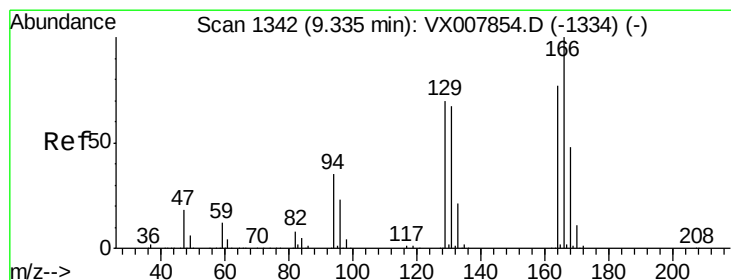
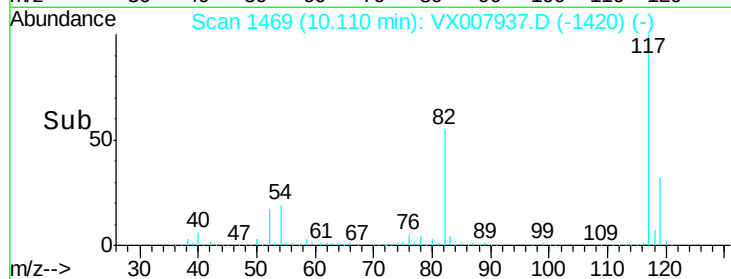
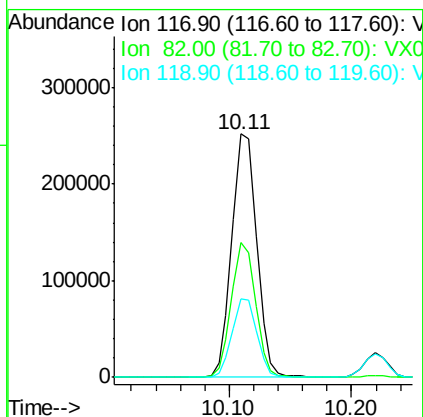
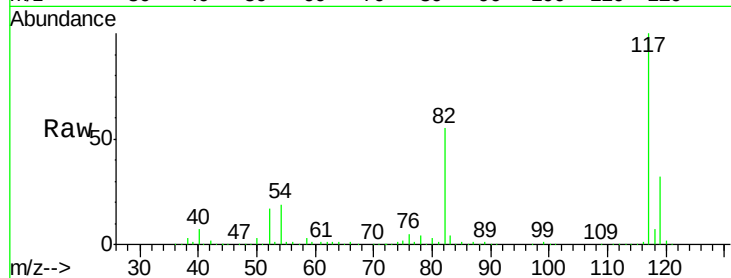




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007937.D
Acq: 08 Mar 2019 18:15

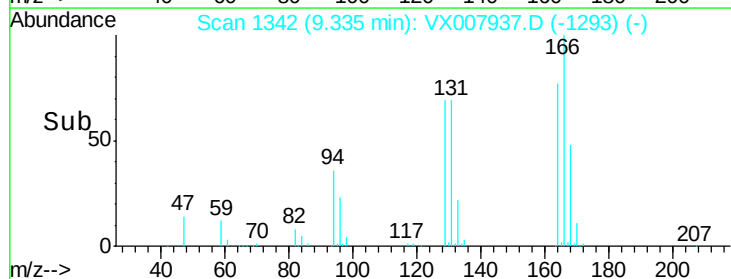
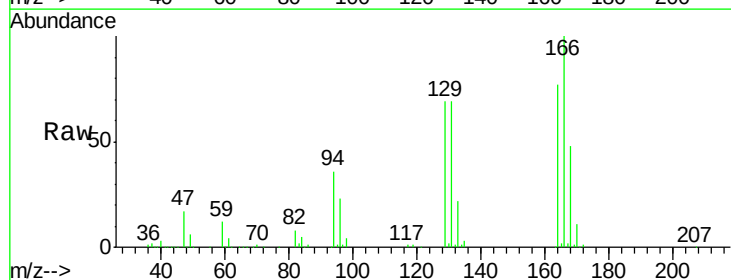
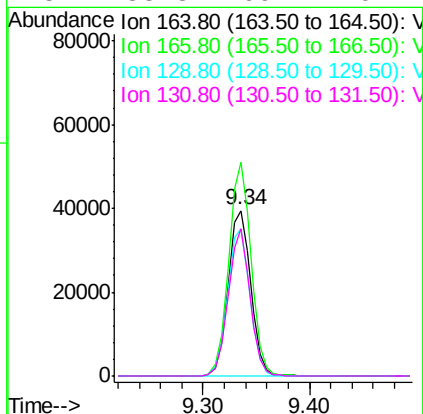
Instrument :
MSVOA_X
ClientSampleId :
VX0308WBS02

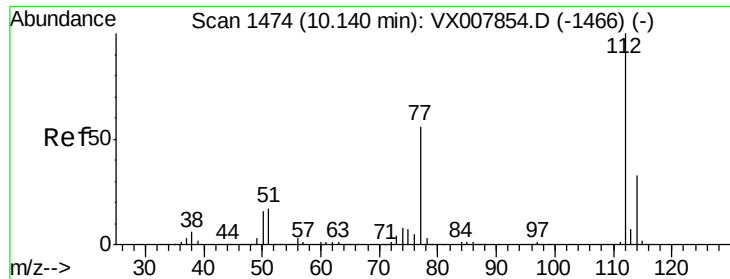
Tot Ion:117 Resp: 356008
Ion Ratio Lower Upper
117 100
82 55.2 44.3 66.5
119 32.1 25.3 37.9



#64
Tetrachloroethene
Concen: 19.949 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007937.D
Acq: 08 Mar 2019 18:15

Tgt Ion:164 Resp: 58854
Ion Ratio Lower Upper
164 100
166 129.2 103.4 155.0
129 89.1 72.2 108.4
131 88.8 69.4 104.2





#65

Chlorobenzene

Concen: 19.662 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.01 min

Lab File: VX007937.D

Acq: 08 Mar 2019 18:15

Instrument :

MSVOA_X

ClientSampleId :

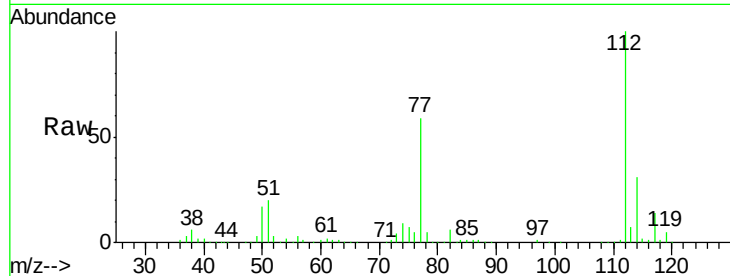
VX0308WBS02

Tot Ion:112 Resp: 146477

Ion Ratio Lower Upper

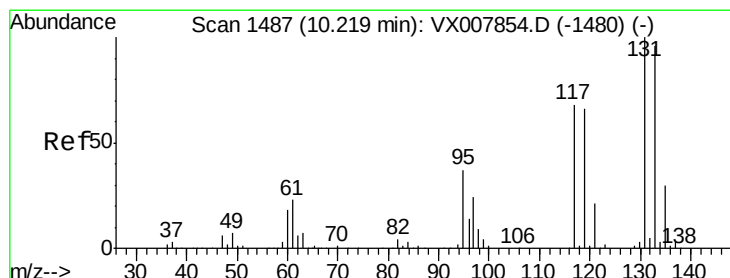
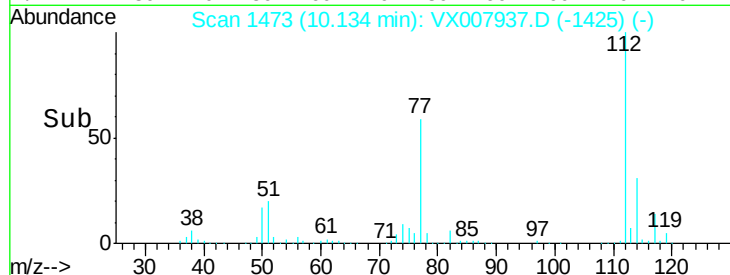
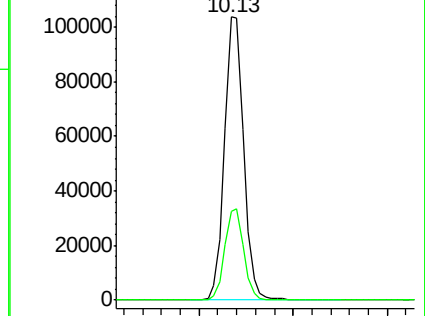
112 100

114 31.5 26.0 39.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.171 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX007937.D

Acq: 08 Mar 2019 18:15

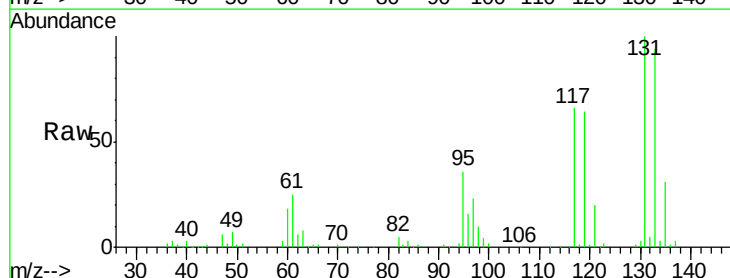
Tgt Ion:131 Resp: 51186

Ion Ratio Lower Upper

131 100

133 94.7 47.8 143.3

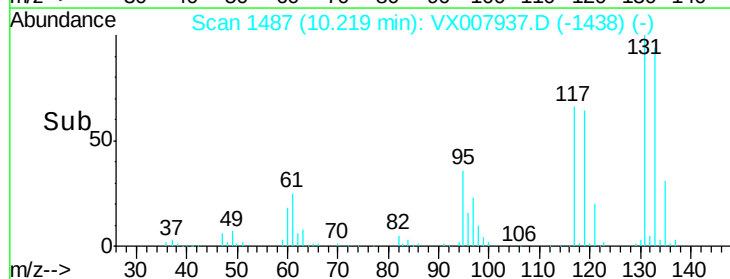
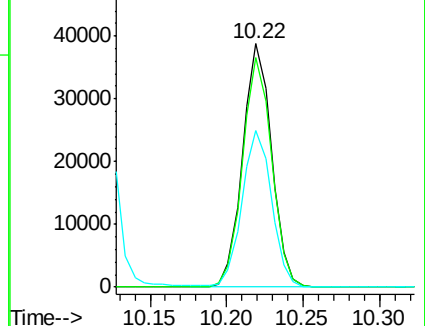
119 65.6 32.5 97.5

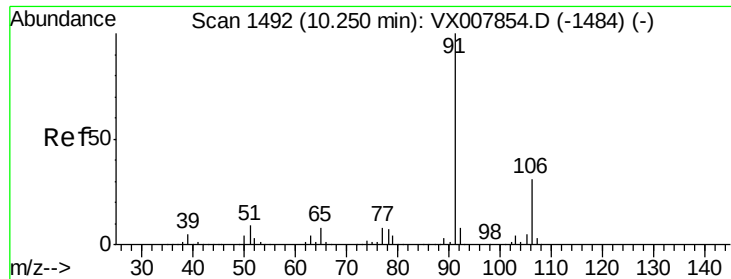


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 20.162 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX007937.D

Acq: 08 Mar 2019 18:15

Instrument :

MSVOA_X

ClientSampleId :

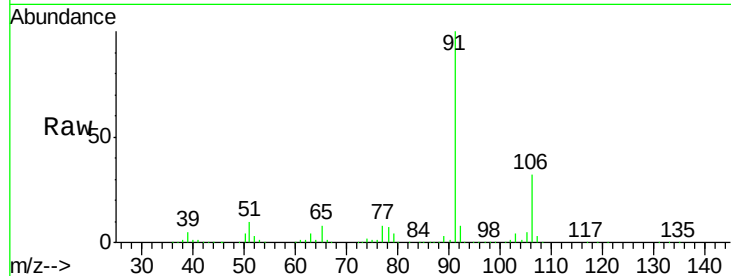
VX0308WBS02

Tot Ion: 91 Resp: 247247

Ion Ratio Lower Upper

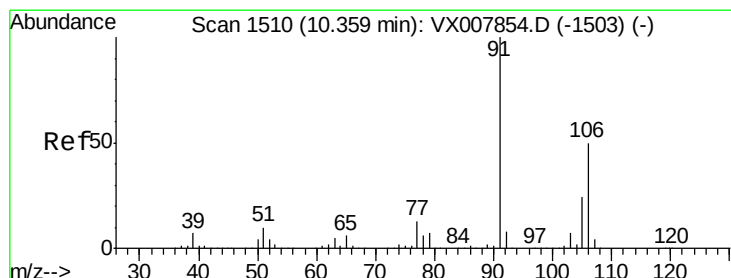
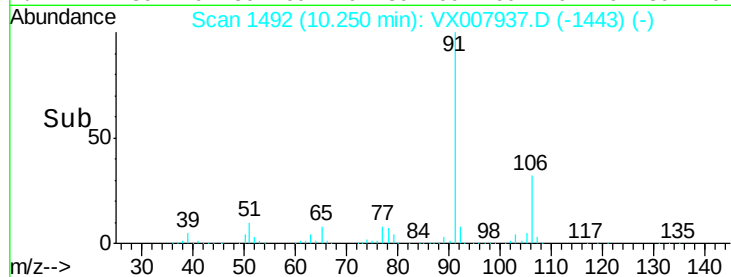
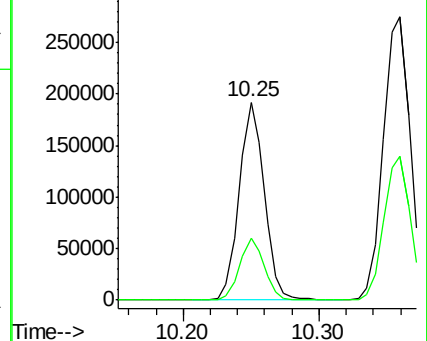
91 100

106 31.6 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 40.168 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX007937.D

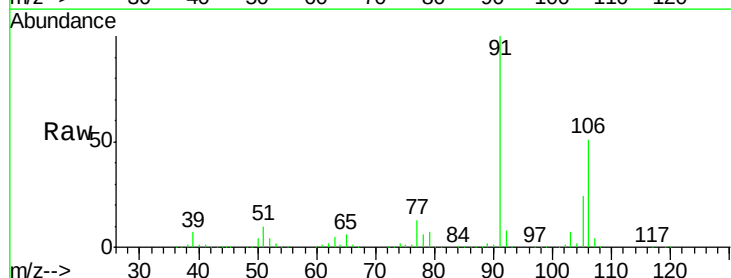
Acq: 08 Mar 2019 18:15

Tgt Ion: 106 Resp: 189865

Ion Ratio Lower Upper

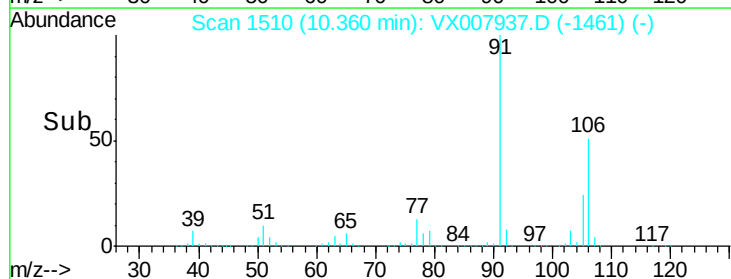
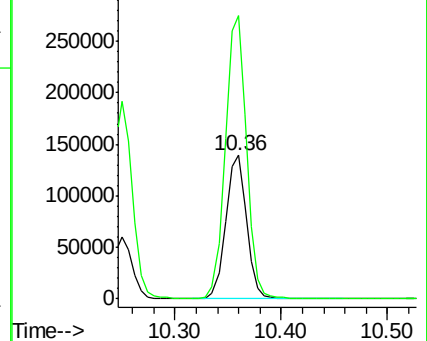
106 100

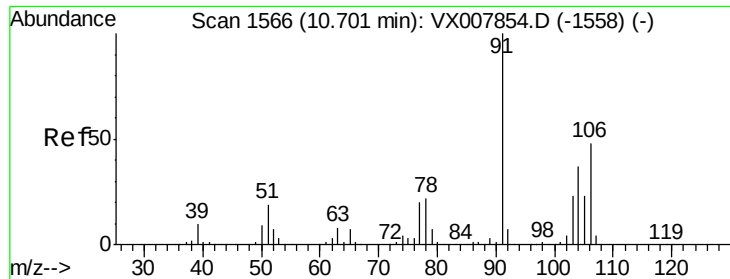
91 201.2 159.8 239.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

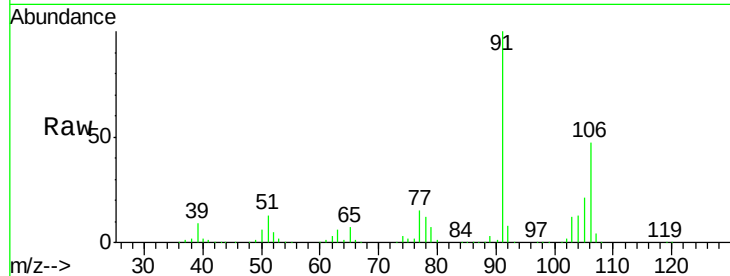




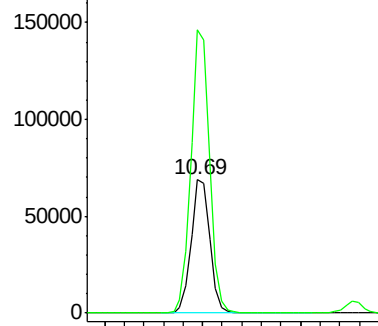
#69
o-Xylene
Concen: 20.042 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX007937.D
Acq: 08 Mar 2019 18:15

Instrument :
MSVOA_X
ClientSampleId :
VX0308WBS02

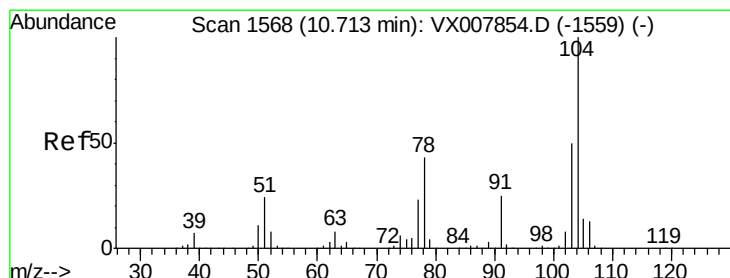
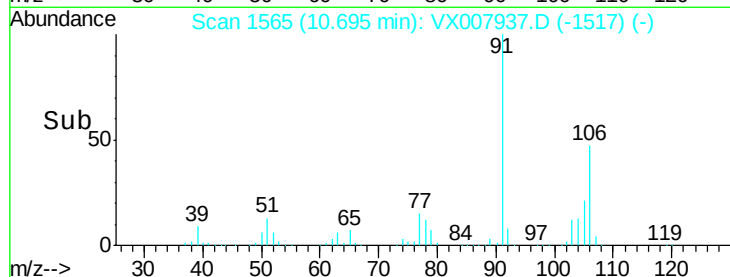
Tot Ion:106 Resp: 91461
Ion Ratio Lower Upper
106 100
91 210.7 106.3 318.9



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

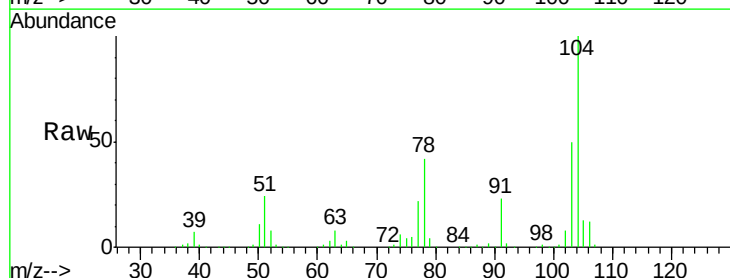


Time-->

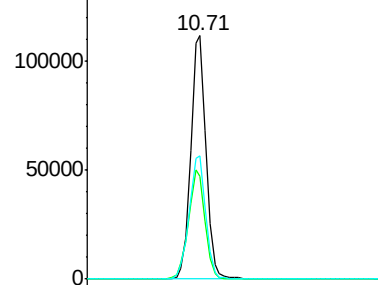


#70
Styrene
Concen: 20.192 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007937.D
Acq: 08 Mar 2019 18:15

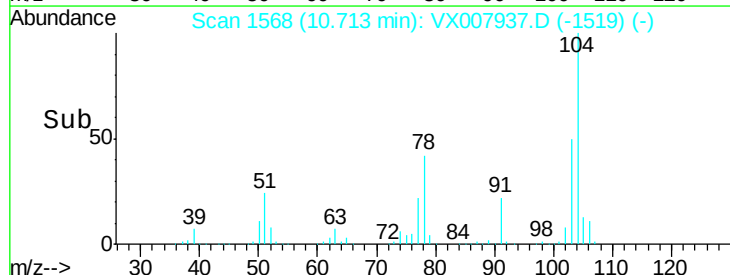
Tgt Ion:104 Resp: 150786
Ion Ratio Lower Upper
104 100
78 48.8 38.5 57.7
103 55.3 44.1 66.1

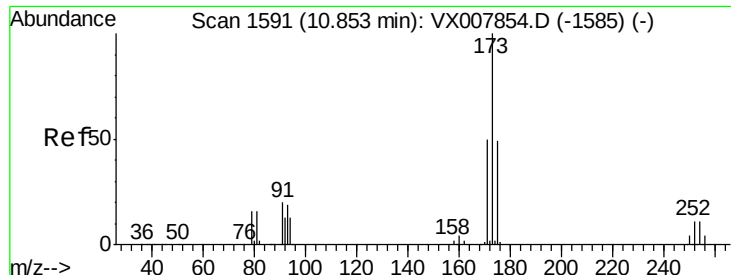


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V



Time-->





#71

Bromoform

Concen: 18.292 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX007937.D

Acq: 08 Mar 2019 18:15

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBS02

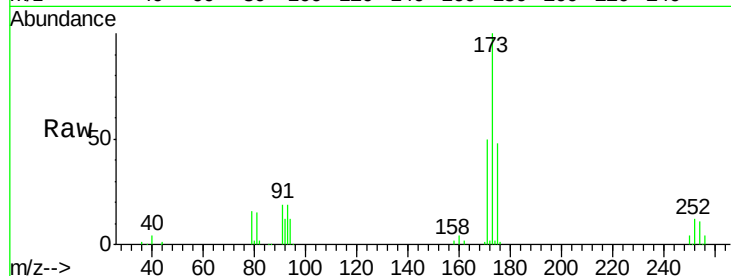
Tot Ion:173 Resp: 41942

Ion Ratio Lower Upper

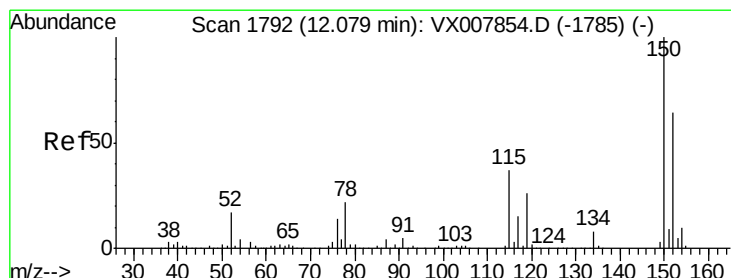
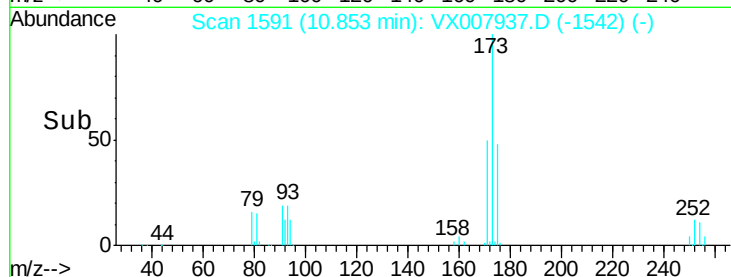
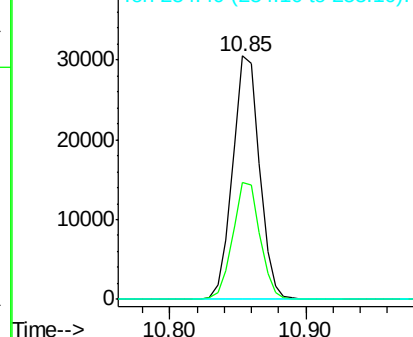
173 100

175 48.3 24.3 72.9

254 0.1 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: VX007937.D

Acq: 08 Mar 2019 18:15

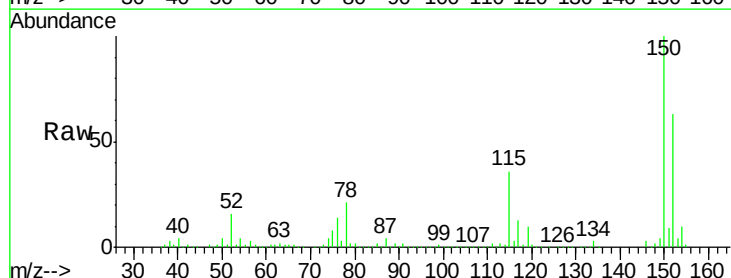
Tgt Ion:152 Resp: 182865

Ion Ratio Lower Upper

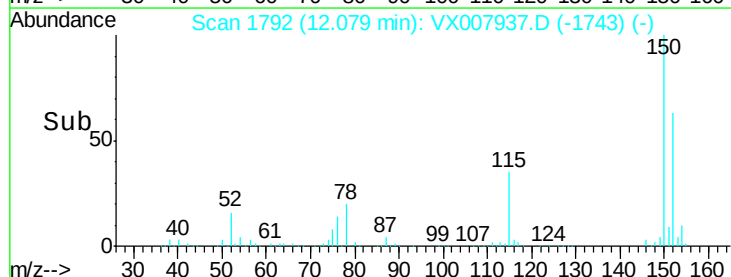
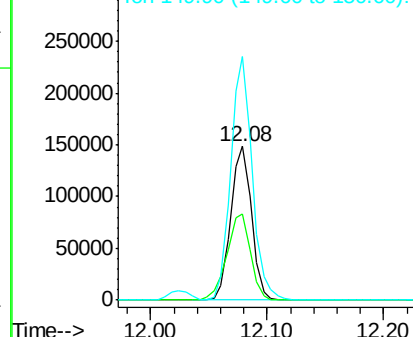
152 100

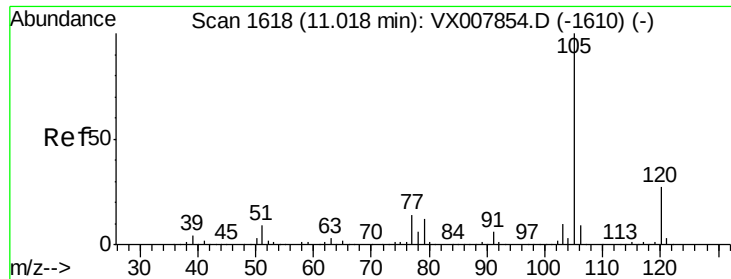
115 63.7 38.6 115.7

150 162.9 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: 20.156 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007937.D

Acq: 08 Mar 2019 18:15

Instrument :

MSVOA_X

ClientSampleId :

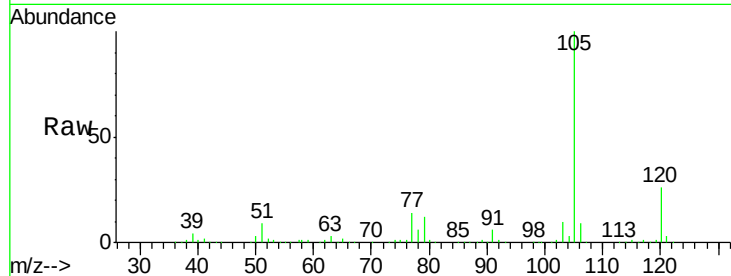
VX0308WBS02

Tot Ion:105 Resp: 249274

Ion Ratio Lower Upper

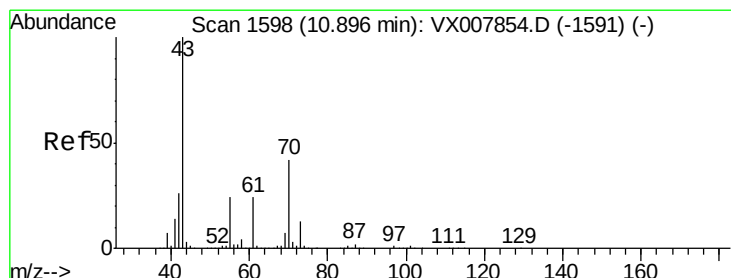
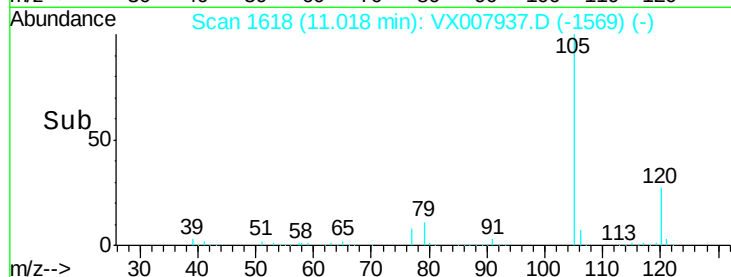
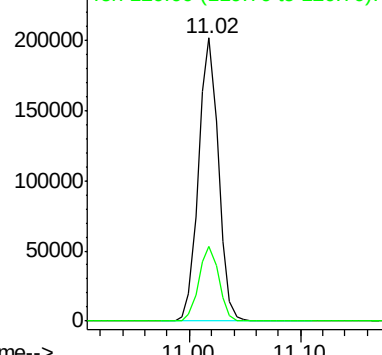
105 100

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: 18.542 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007937.D

Acq: 08 Mar 2019 18:15

Tgt Ion: 43 Resp: 104690

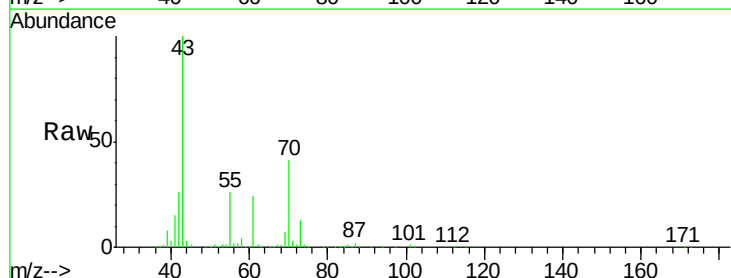
Ion Ratio Lower Upper

43 100

70 42.4 33.5 50.3

55 25.6 19.2 28.8

61 24.5 19.0 28.6

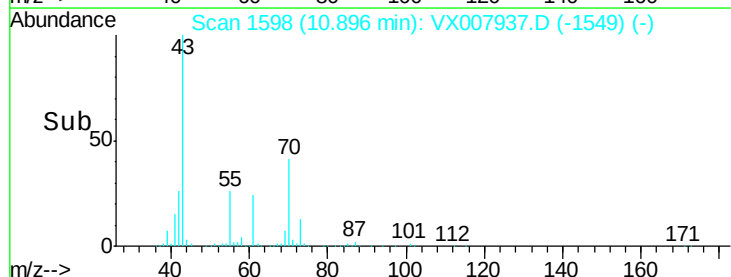
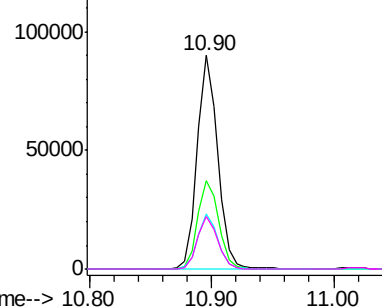


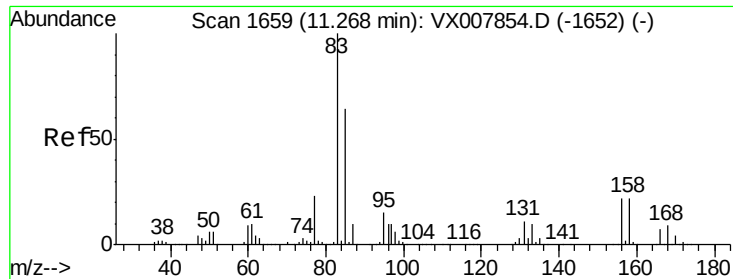
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 18.717 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007937.D

Acq: 08 Mar 2019 18:15

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBS02

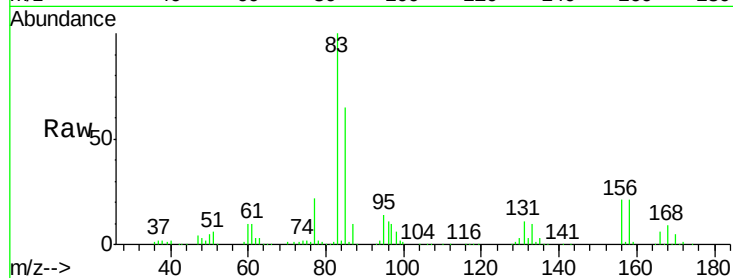
Tot Ion: 83 Resp: 79846

Ion Ratio Lower Upper

83 100

131 10.8 5.4 16.2

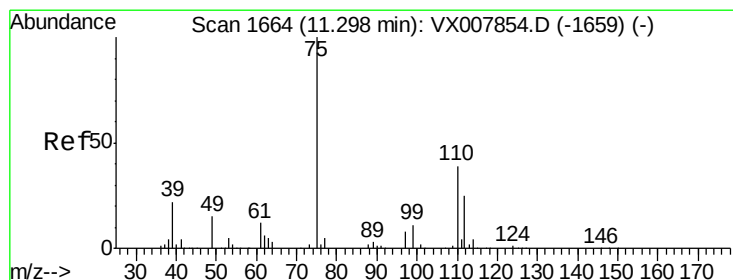
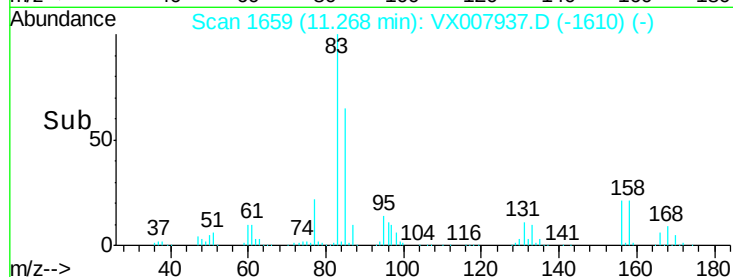
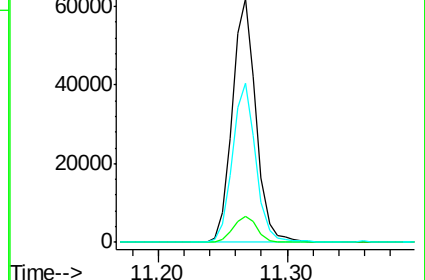
85 64.8 32.3 96.8



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: 22.965 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX007937.D

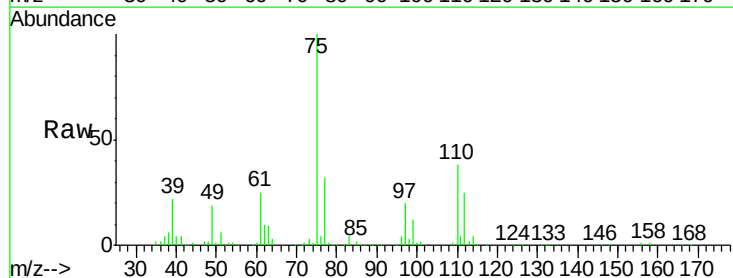
Acq: 08 Mar 2019 18:15

Tgt Ion: 75 Resp: 88122

Ion Ratio Lower Upper

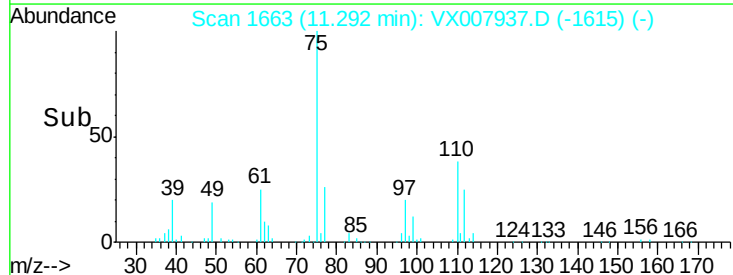
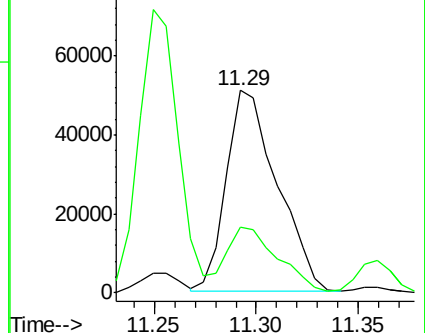
75 100

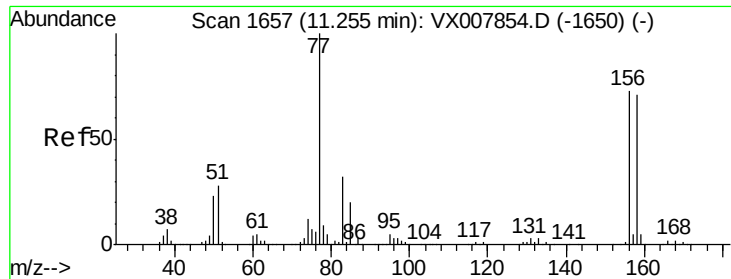
77 33.9 18.9 56.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.469 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007937.D

Acq: 08 Mar 2019 18:15

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBS02

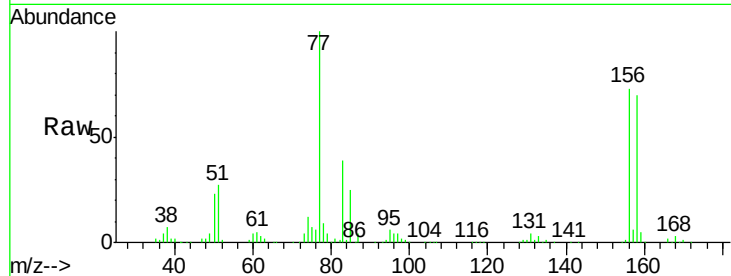
Tot Ion:156 Resp: 66015

Ion Ratio Lower Upper

156 100

77 143.7 72.0 215.9

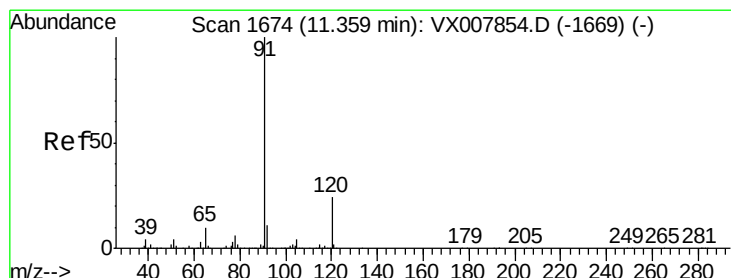
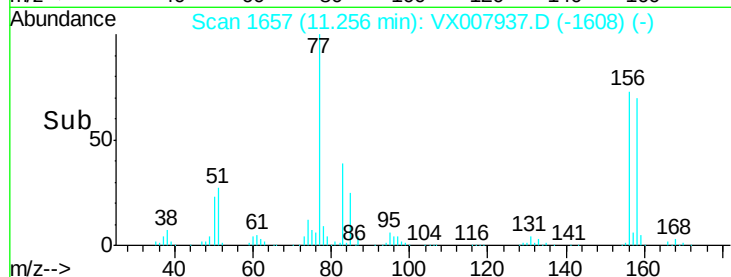
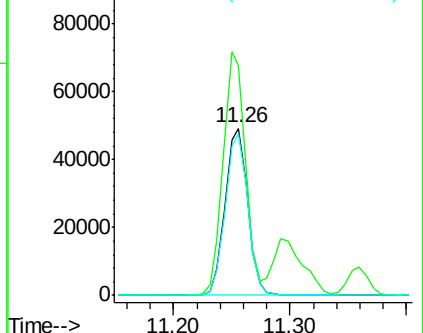
158 96.6 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.295 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007937.D

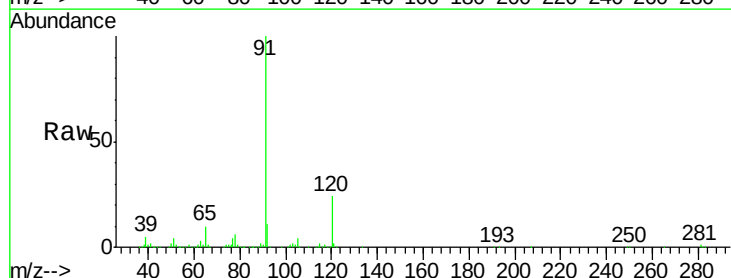
Acq: 08 Mar 2019 18:15

Tgt Ion: 91 Resp: 278449

Ion Ratio Lower Upper

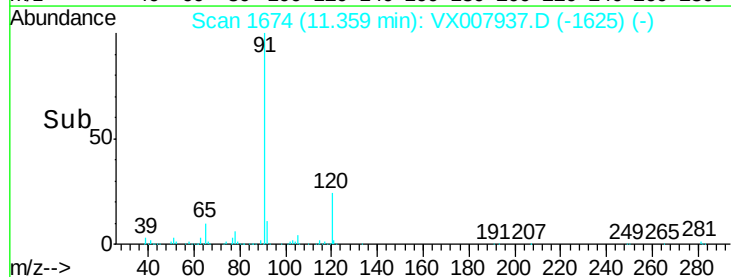
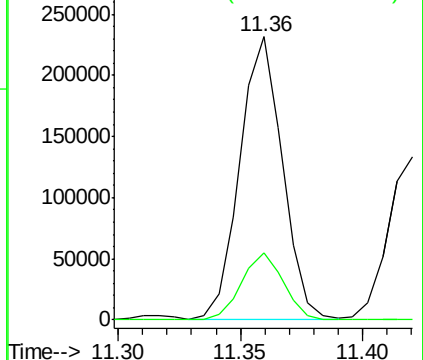
91 100

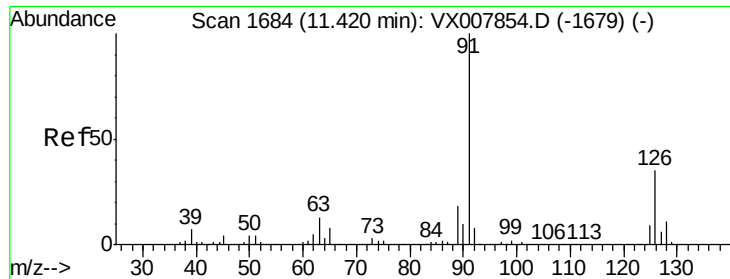
120 23.6 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.942 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007937.D

Acq: 08 Mar 2019 18:15

Instrument :

MSVOA_X

ClientSampled :

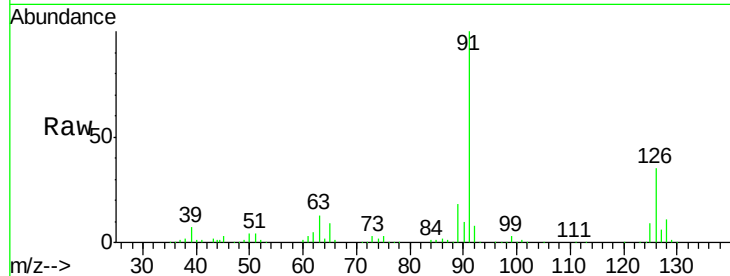
VX0308WBS02

Tot Ion: 91 Resp: 167292

Ion Ratio Lower Upper

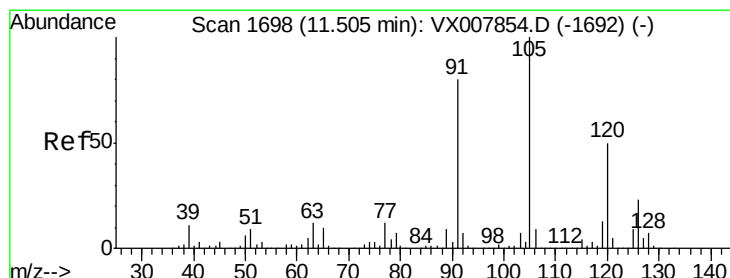
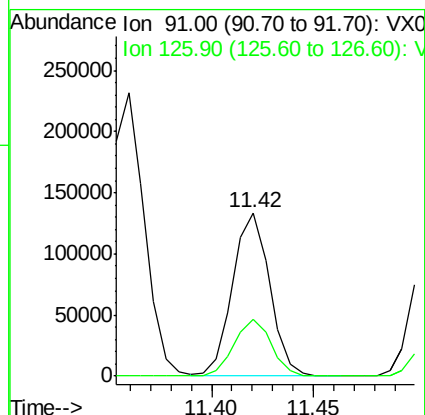
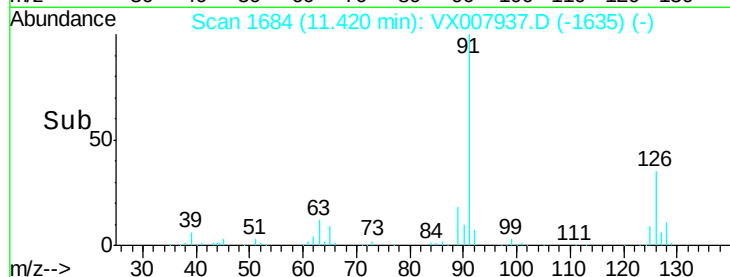
91 100

126 35.1 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.186 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007937.D

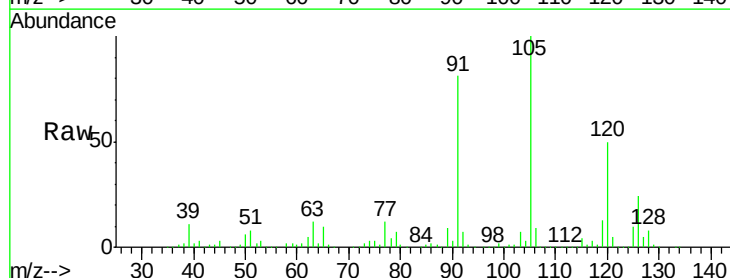
Acq: 08 Mar 2019 18:15

Tgt Ion: 105 Resp: 205474

Ion Ratio Lower Upper

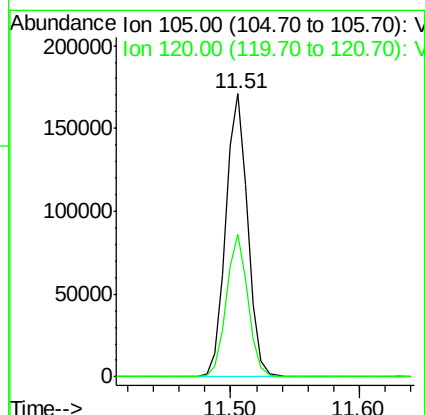
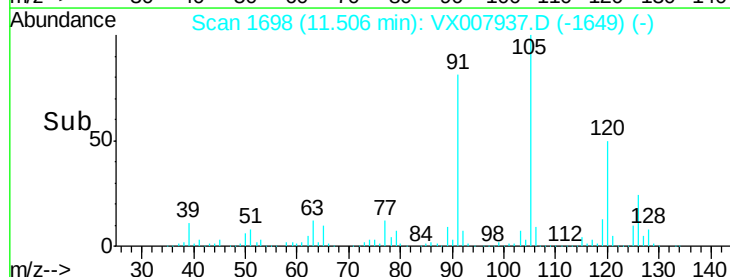
105 100

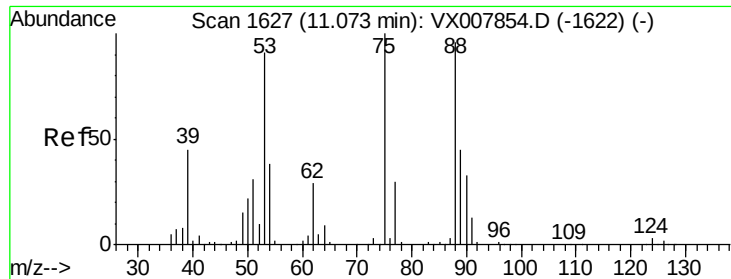
120 49.5 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 17.646 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007937.D

Acq: 08 Mar 2019 18:15

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBS02

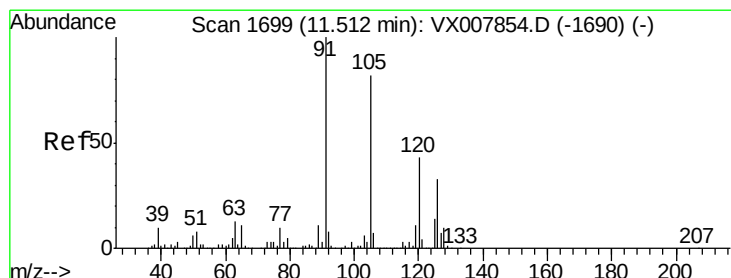
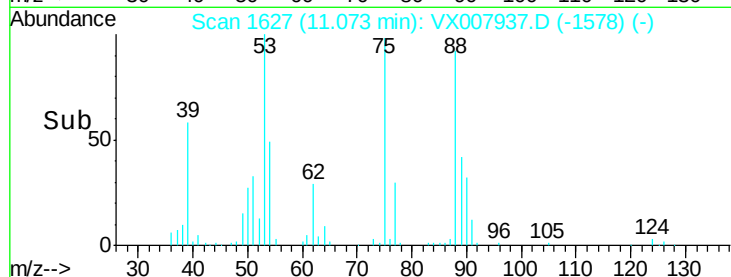
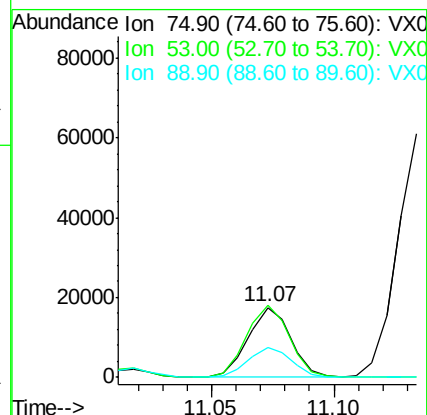
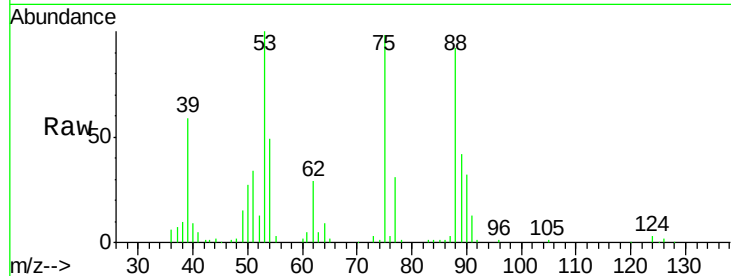
Tot Ion: 75 Resp: 21183

Ion Ratio Lower Upper

75 100

53 103.6 76.1 114.1

89 43.6 36.3 54.5



#82

4-Chlorotoluene

Concen: 19.656 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX007937.D

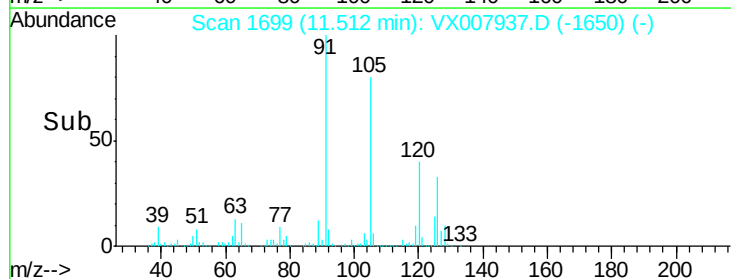
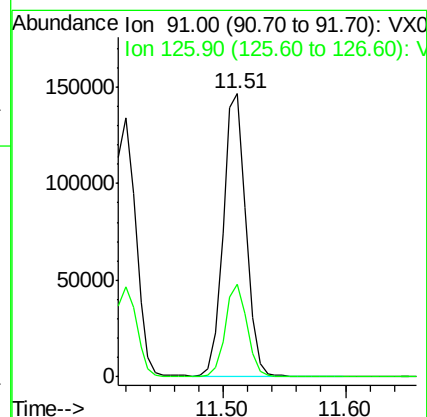
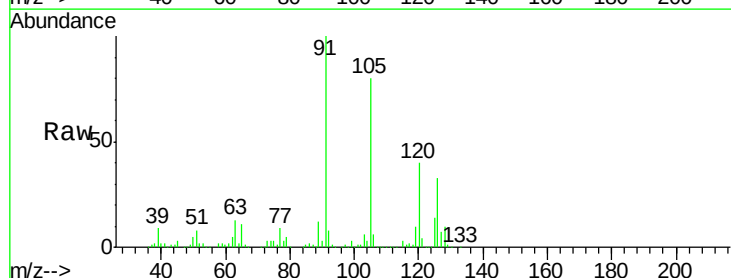
Acq: 08 Mar 2019 18:15

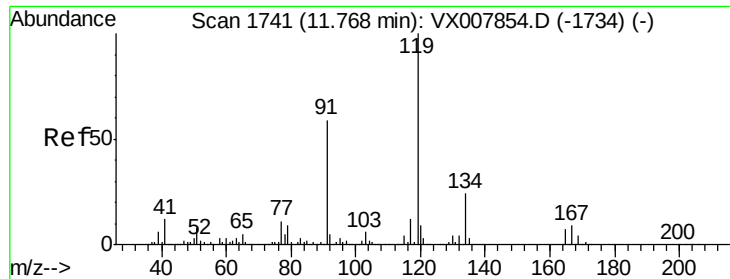
Tgt Ion: 91 Resp: 188970

Ion Ratio Lower Upper

91 100

126 31.6 15.6 46.8

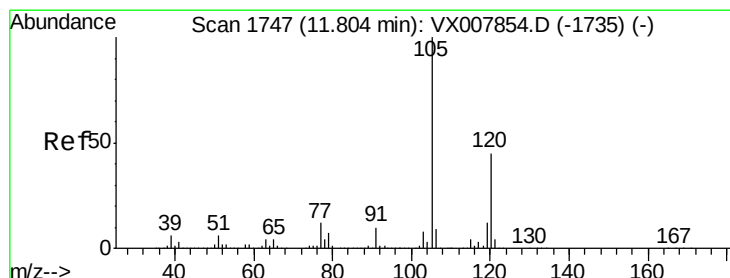
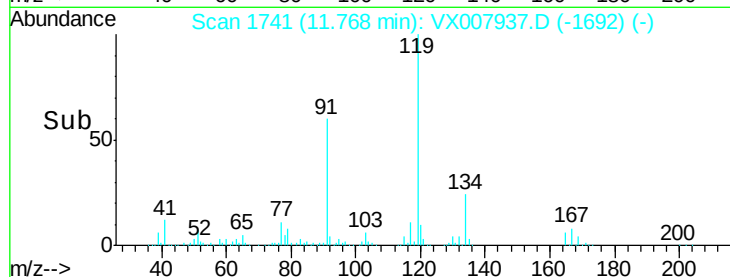
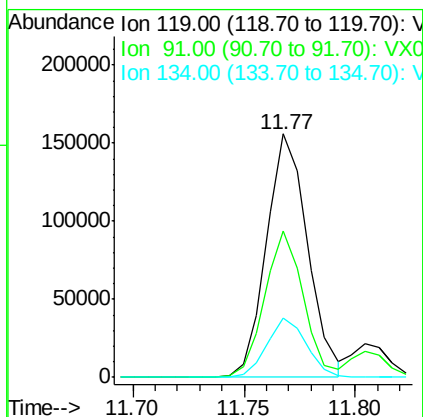
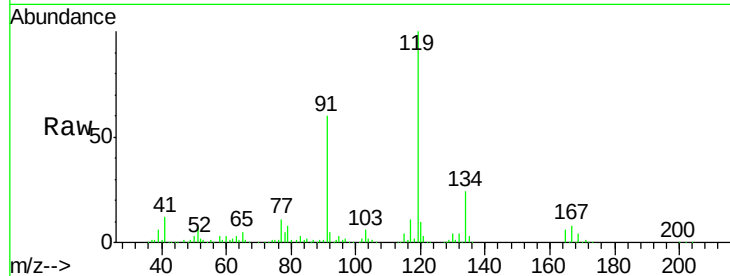




#83
 tert-Butylbenzene
 Concen: 19.538 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX007937.D
 Acq: 08 Mar 2019 18:15

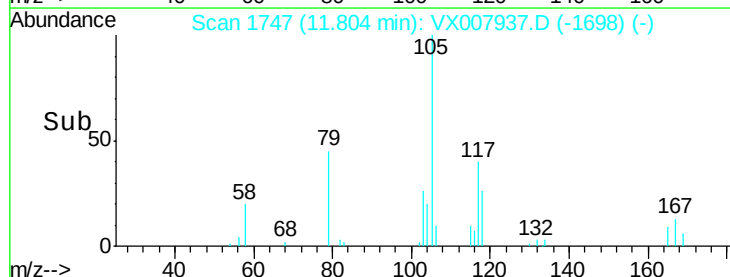
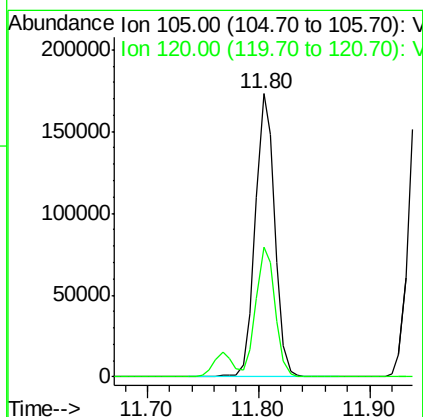
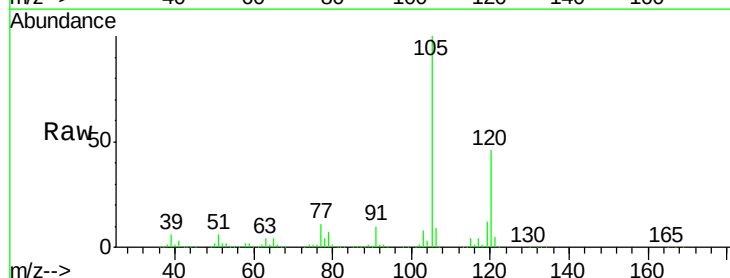
Instrument :
 MSVOA_X
 ClientSampled :
 VX0308WBS02

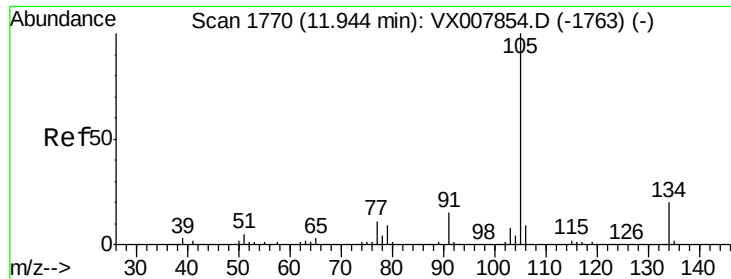
Tot Ion:119 Resp: 200333
 Ion Ratio Lower Upper
 119 100
 91 56.5 27.1 81.3
 134 23.4 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 20.166 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX007937.D
 Acq: 08 Mar 2019 18:15

Tgt Ion:105 Resp: 210431
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.6 67.7





#85

sec-Butylbenzene

Concen: 20.570 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007937.D

Acq: 08 Mar 2019 18:15

Instrument :

MSVOA_X

ClientSampled :

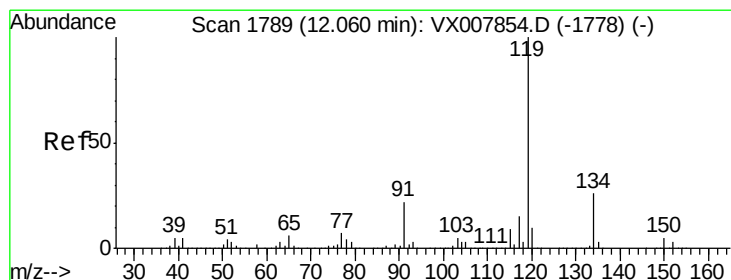
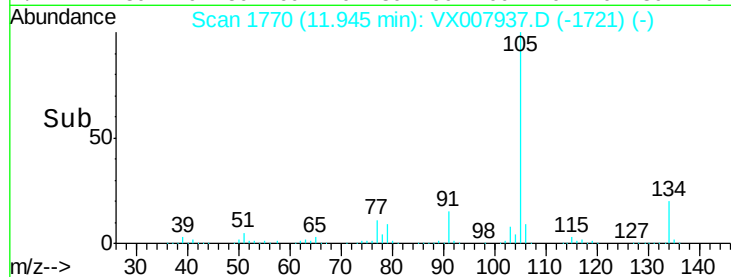
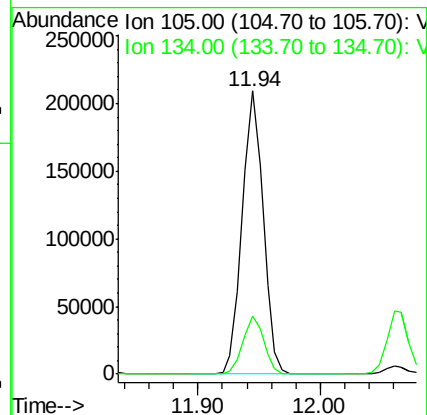
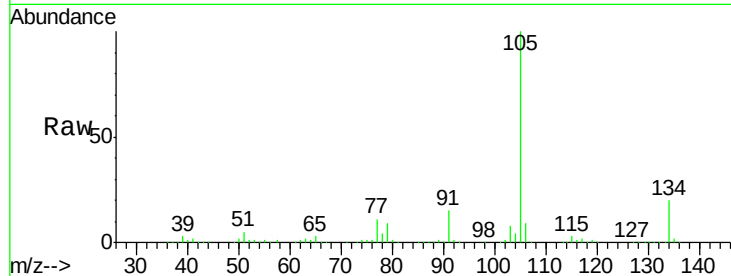
VX0308WBS02

Tot Ion:105 Resp: 248401

Ion Ratio Lower Upper

105 100

134 20.4 10.4 31.2



#86

p-Isopropyltoluene

Concen: 20.411 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX007937.D

Acq: 08 Mar 2019 18:15

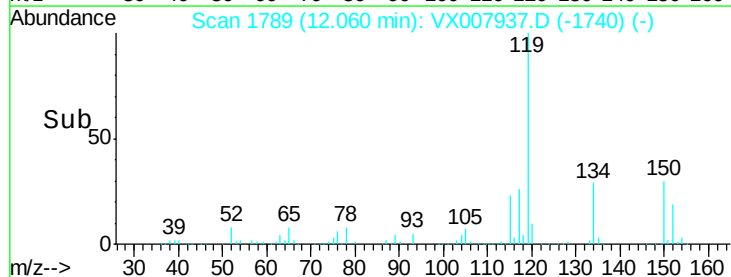
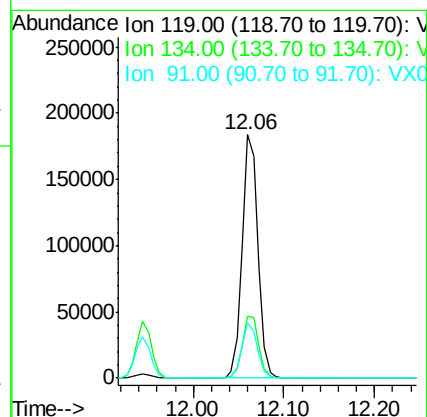
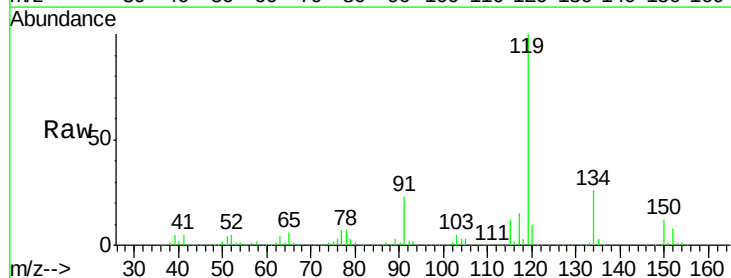
Tgt Ion:119 Resp: 220742

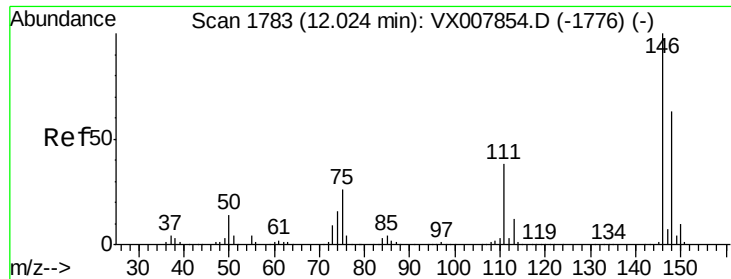
Ion Ratio Lower Upper

119 100

134 26.2 13.3 39.9

91 22.4 10.9 32.7

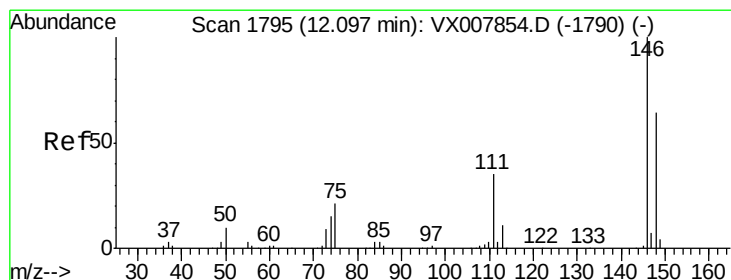
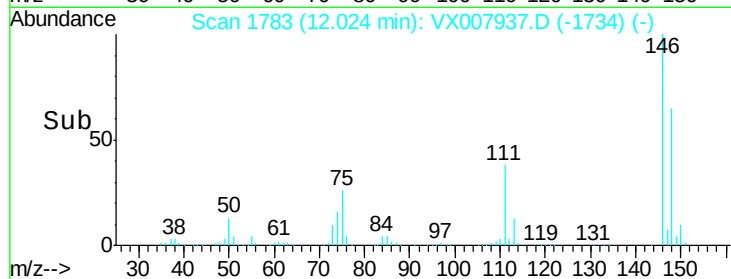
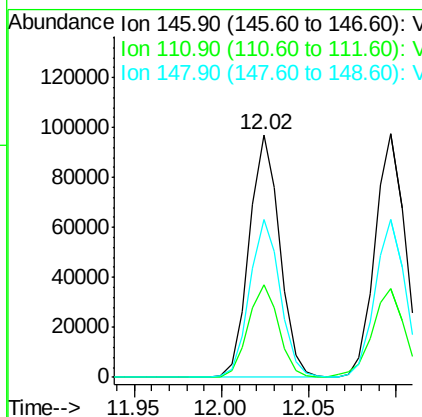
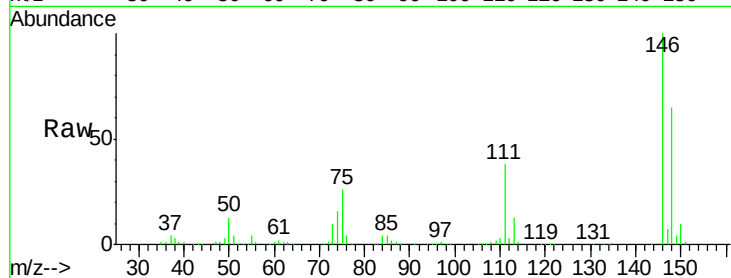




#87
 1,3-Dichlorobenzene
 Concen: 19.591 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX007937.D
 Acq: 08 Mar 2019 18:15

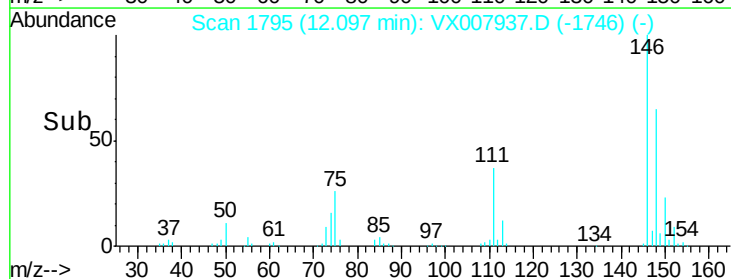
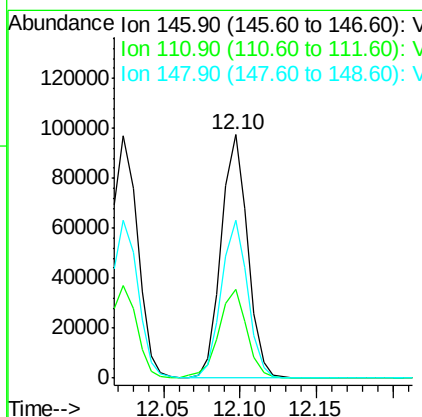
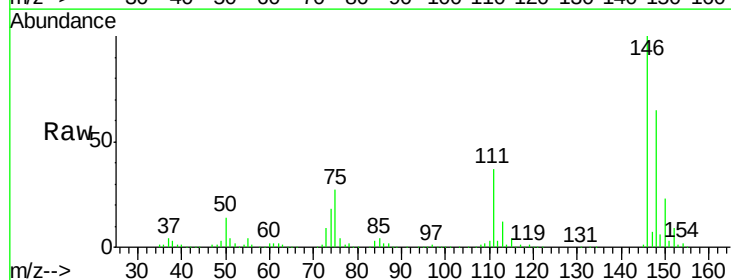
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBS02

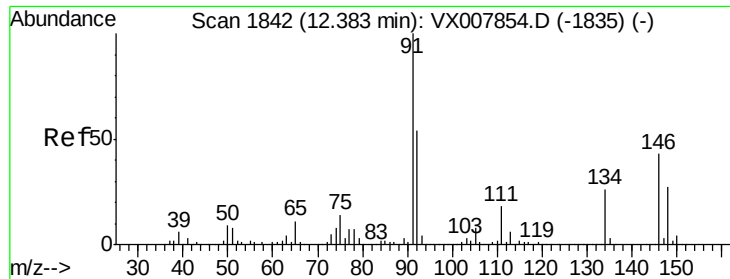
Tot Ion:146 Resp: 117520
 Ion Ratio Lower Upper
 146 100
 111 38.5 18.9 56.7
 148 64.9 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 19.057 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX007937.D
 Acq: 08 Mar 2019 18:15

Tgt Ion:146 Resp: 117073
 Ion Ratio Lower Upper
 146 100
 111 38.5 18.4 55.0
 148 64.8 32.2 96.6

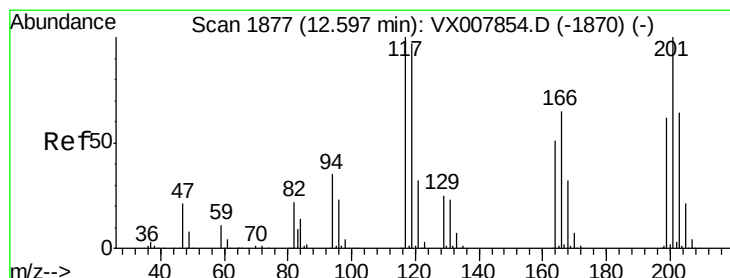
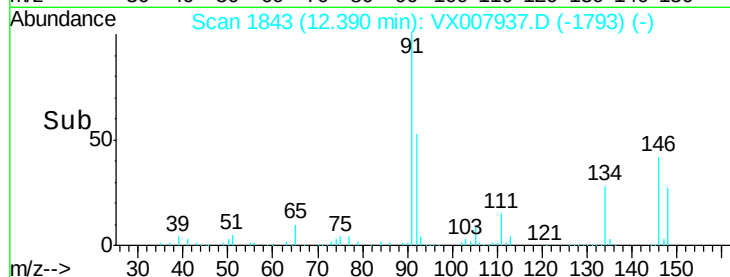
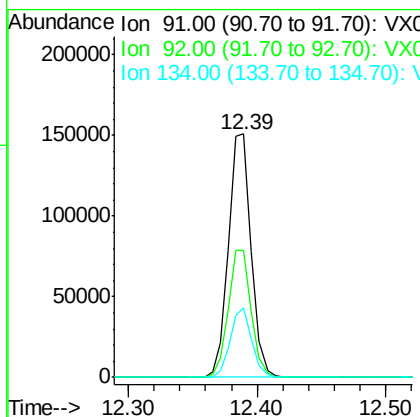
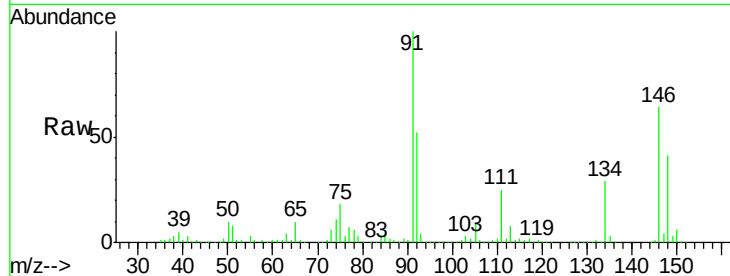




#89
n-Butylbenzene
Concen: 20.420 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX007937.D
Acq: 08 Mar 2019 18:15

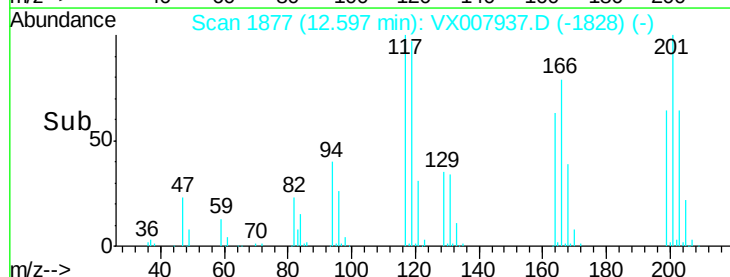
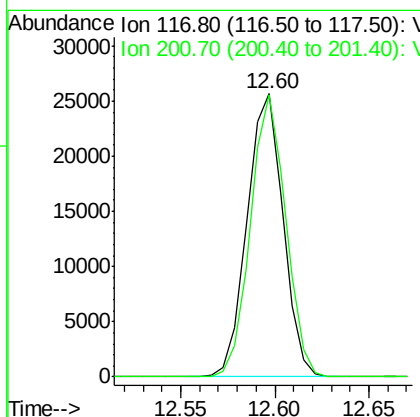
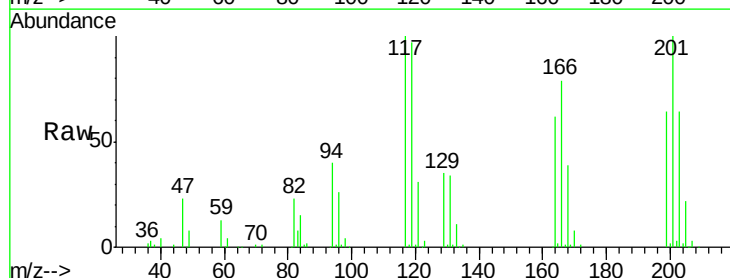
Instrument :
MSVOA_X
ClientSampled :
VX0308WBS02

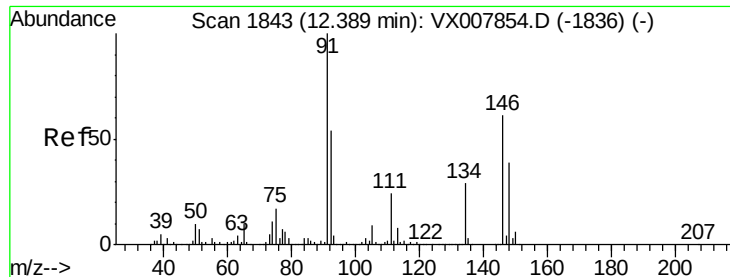
Tot Ion: 91 Resp: 187096
Ion Ratio Lower Upper
91 100
92 52.6 27.0 80.8
134 26.9 13.7 41.0



#90
Hexachloroethane
Concen: 18.782 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007937.D
Acq: 08 Mar 2019 18:15

Tgt Ion: 117 Resp: 33961
Ion Ratio Lower Upper
117 100
201 97.2 48.9 146.7





#91

1,2-Dichlorobenzene

Concen: 19.417 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX007937.D

Acq: 08 Mar 2019 18:15

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBS02

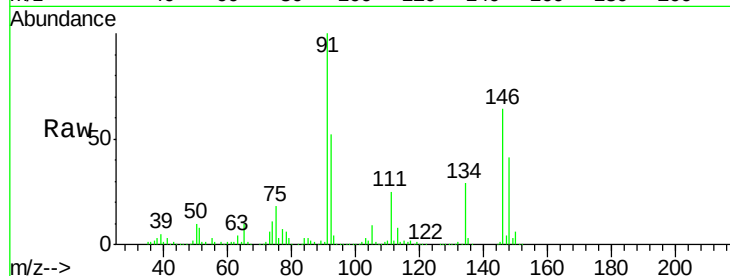
Tot Ion:146 Resp: 115709

Ion Ratio Lower Upper

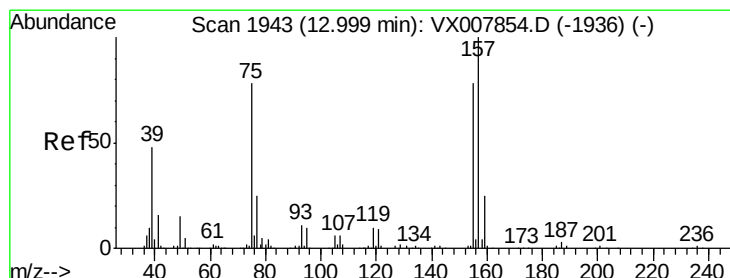
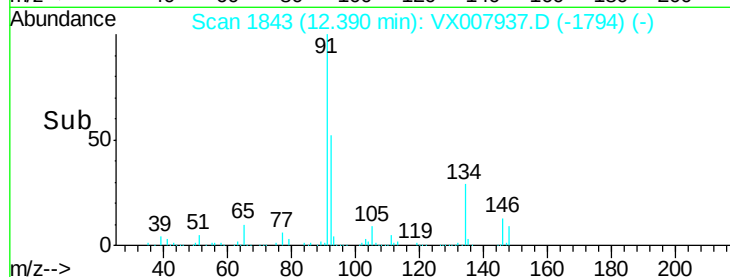
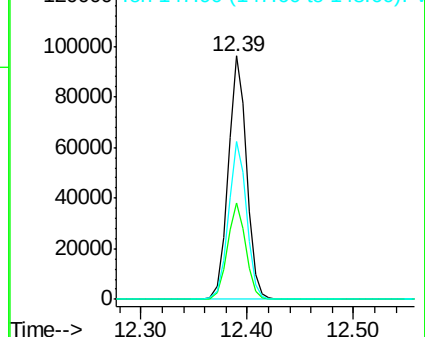
146 100

111 39.5 19.6 58.8

148 64.4 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: 17.529 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX007937.D

Acq: 08 Mar 2019 18:15

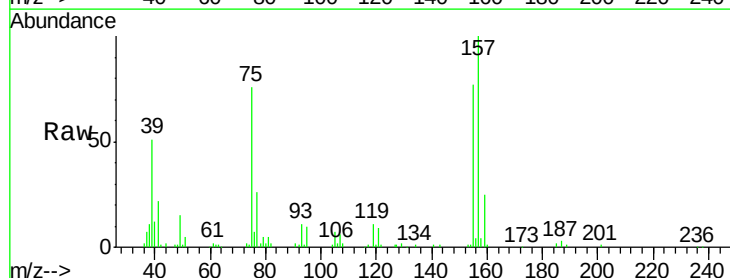
Tgt Ion: 75 Resp: 15628

Ion Ratio Lower Upper

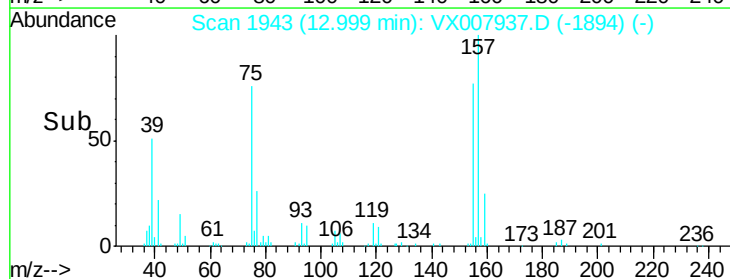
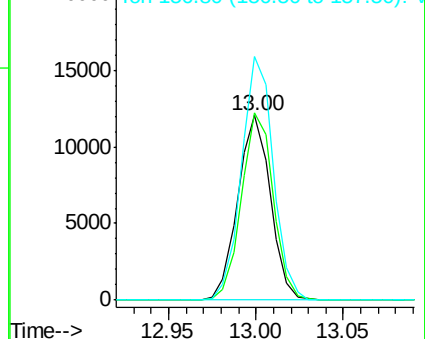
75 100

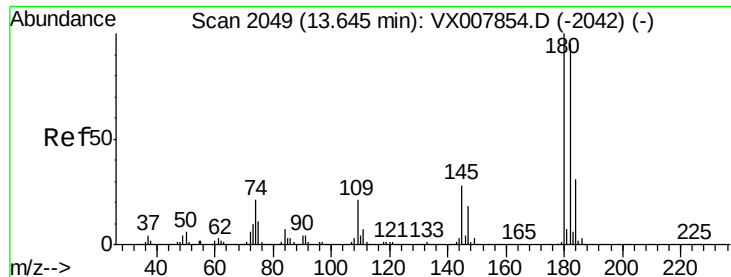
155 98.6 49.7 149.1

157 128.2 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

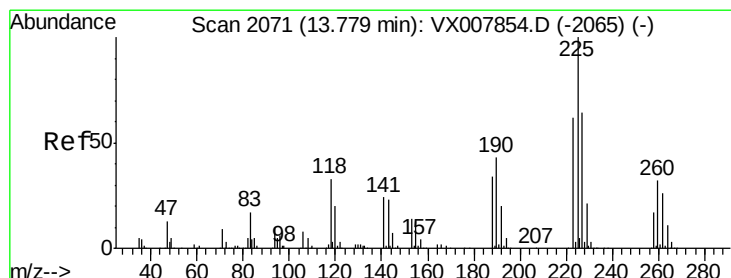
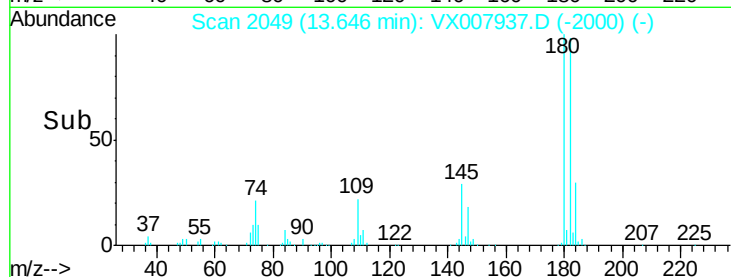
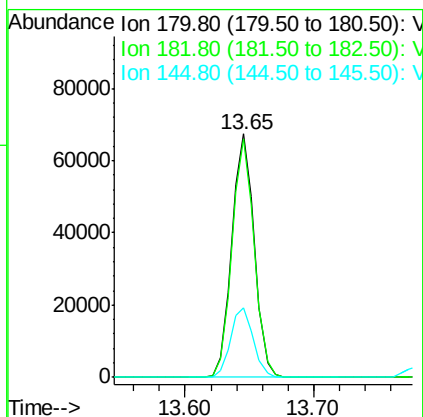
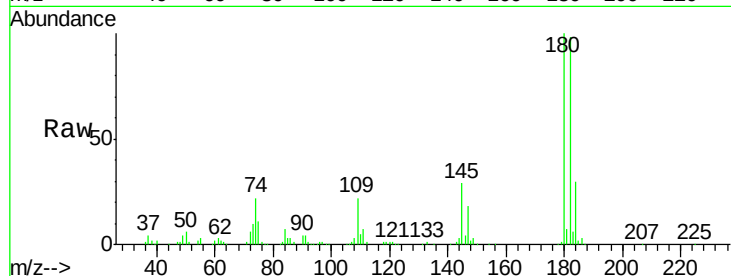




#93
 1,2,4-Trichlorobenzene
 Concen: 19.664 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007937.D
 Acq: 08 Mar 2019 18:15

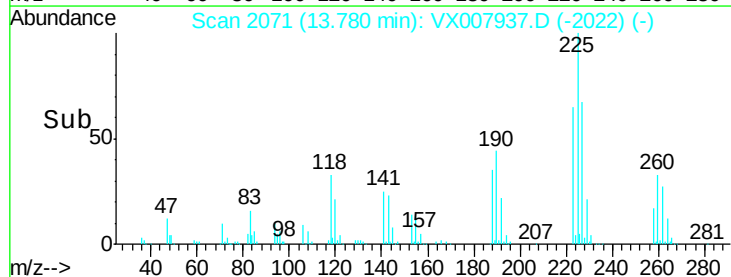
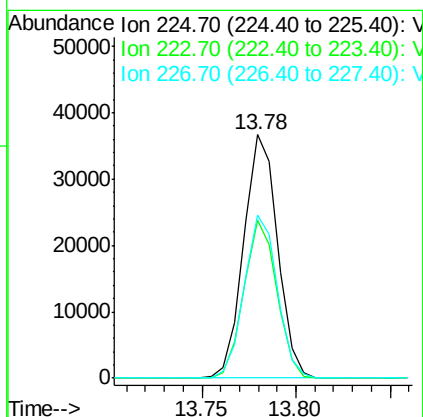
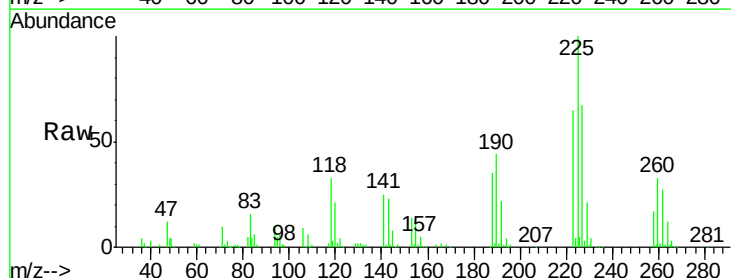
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBS02

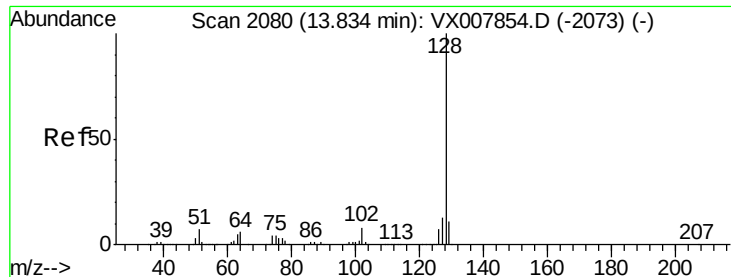
Tot Ion:180 Resp: 82322
 Ion Ratio Lower Upper
 180 100
 182 96.9 47.9 143.7
 145 28.8 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 20.872 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007937.D
 Acq: 08 Mar 2019 18:15

Tgt Ion:225 Resp: 45683
 Ion Ratio Lower Upper
 225 100
 223 63.0 31.1 93.2
 227 65.4 32.0 96.0





#95

Naphthalene

Concen: 19.124 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX007937.D

Acq: 08 Mar 2019 18:15

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBS02

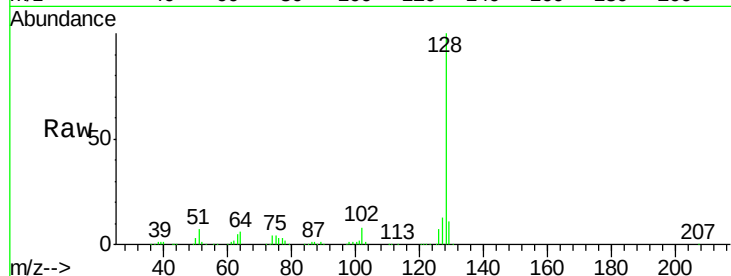
Tot Ion:128 Resp: 230677

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

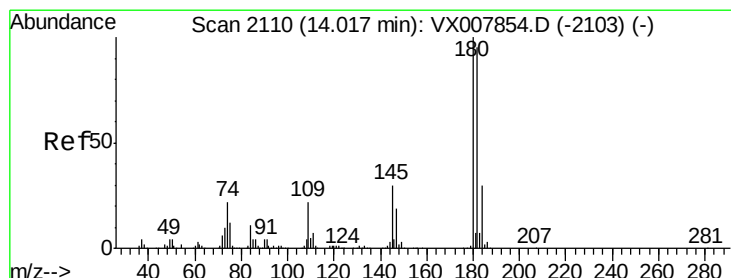
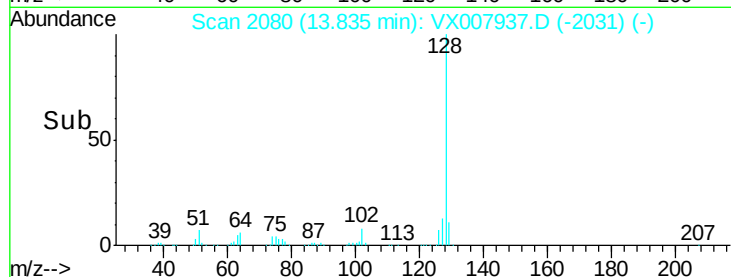
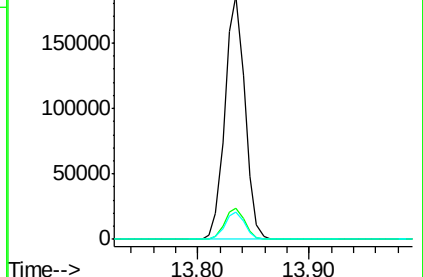
129 11.0 8.7 13.1



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: 19.443 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX007937.D

Acq: 08 Mar 2019 18:15

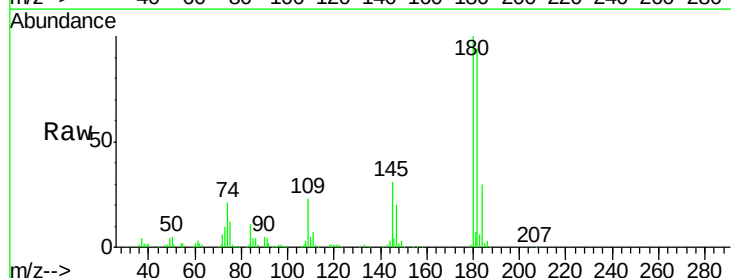
Tgt Ion:180 Resp: 81085

Ion Ratio Lower Upper

180 100

182 96.9 47.5 142.5

145 30.6 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

