

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041519\
 Data File : VX008957.D
 Acq On : 15 Apr 2019 12:45
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Quant Time: Apr 16 01:46:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 16 01:38:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	226013	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	368320	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	322836	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	143721	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	4800	1.48	ug/l	0.00
Spiked Amount			Recovery	=	2.96%	
35) Dibromofluoromethane	5.51	113	3385	1.45	ug/l	0.00
Spiked Amount			Recovery	=	2.90%	
50) Toluene-d8	8.71	98	12526	1.34	ug/l	0.00
Spiked Amount			Recovery	=	2.68%	
62) 4-Bromofluorobenzene	11.14	95	4611	1.40	ug/l	0.00
Spiked Amount			Recovery	=	2.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	2522	0.966	ug/l	99
3) Chloromethane	1.32	50	3713	1.046	ug/l	92
4) Vinyl Chloride	1.41	62	3257	0.946	ug/l	98
5) Bromomethane	1.64	94	3005	1.581	ug/l	92
6) Chloroethane	1.72	64	1754	0.766	ug/l #	88
7) Trichlorofluoromethane	1.93	101	3887	1.016	ug/l	97
8) Diethyl Ether	2.19	74	1805	1.002	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.39	101	2484	1.014	ug/l	98
10) Methyl Iodide	2.51	142	1640	0.788	ug/l	97
11) Tert butyl alcohol	3.04	59	4042	5.370	ug/l	96
12) 1,1-Dichloroethene	2.37	96	2748	1.071	ug/l	98
13) Acrolein	2.29	56	3966	9.195	ug/l	98
14) Allyl chloride	2.73	41	5089	0.870	ug/l	87
15) Acrylonitrile	3.14	53	9998	5.020	ug/l	98
16) Acetone	2.45	43	8937	4.868	ug/l	92
17) Carbon Disulfide	2.57	76	10312	1.252	ug/l #	92
18) Methyl Acetate	2.78	43	5013	1.116	ug/l	92
19) Methyl tert-butyl Ether	3.19	73	8999	0.985	ug/l	98
20) Methylene Chloride	2.85	84	3544	1.143	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	3008	1.083	ug/l	93
22) Diisopropyl ether	3.85	45	10477	0.931	ug/l #	76
23) Vinyl Acetate	3.82	43	42217	4.305	ug/l	99
24) 1,1-Dichloroethane	3.70	63	5405	0.971	ug/l	97
25) 2-Butanone	4.68	43	13494	4.628	ug/l	95
26) 2,2-Dichloropropane	4.59	77	4029	1.019	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	3237	1.018	ug/l	95
28) Bromochloromethane	5.02	49	3048	1.163	ug/l #	90
29) Tetrahydrofuran	5.14	42	9829	5.061	ug/l	99
30) Chloroform	5.21	83	4818	0.967	ug/l	88
31) Cyclohexane	5.59	56	5158	0.924	ug/l	90
32) 1,1,1-Trichloroethane	5.50	97	3765	0.933	ug/l #	45
36) 1,1-Dichloropropene	5.80	75	4352	1.099	ug/l	99
37) Ethyl Acetate	4.84	43	4379	0.832	ug/l #	91
38) Carbon Tetrachloride	5.79	117	3157	0.961	ug/l	95

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 16 01:38:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	4694	0.958	ug/l	95
40) Benzene	6.15	78	11902	1.009	ug/l	99
41) Methacrylonitrile	5.05	41	2820	0.929	ug/l #	81
42) 1,2-Dichloroethane	6.20	62	4400	1.041	ug/l	95
43) Isopropyl Acetate	6.45	43	8019	0.970	ug/l	98
44) Trichloroethene	7.22	130	3078	1.114	ug/l	99
45) 1,2-Dichloropropane	7.52	63	3103	0.925	ug/l	97
46) Dibromomethane	7.66	93	1960	1.004	ug/l	92
47) Bromodichloromethane	7.90	83	3627	0.985	ug/l	97
48) Methyl methacrylate	7.77	41	3813	0.914	ug/l #	93
49) 1,4-Dioxane	7.74	88	1649	21.252	ug/l #	83
51) 4-Methyl-2-Pentanone	8.64	43	25898	4.876	ug/l	99
52) Toluene	8.79	92	7275	1.046	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	3794	0.916	ug/l	91
54) cis-1,3-Dichloropropene	8.43	75	4386	0.929	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	2754	0.986	ug/l	97
56) Ethyl methacrylate	9.18	69	4670	0.927	ug/l	97
57) 1,3-Dichloropropane	9.37	76	4980	0.995	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.31	63	12360	4.760	ug/l	97
59) 2-Hexanone	9.49	43	19066	4.617	ug/l	100
60) Dibromochloromethane	9.59	129	2251	0.854	ug/l	97
61) 1,2-Dibromoethane	9.67	107	2877	0.990	ug/l	97
64) Tetrachloroethene	9.34	164	2595	1.090	ug/l	90
65) Chlorobenzene	10.13	112	7365	1.047	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	2335	0.947	ug/l #	63
67) Ethyl Benzene	10.25	91	12809	0.979	ug/l	98
68) m/p-Xylenes	10.36	106	9163	1.946	ug/l	98
69) o-Xylene	10.70	106	4643	1.017	ug/l	98
70) Styrene	10.71	104	7636	0.970	ug/l	98
71) Bromoform	10.86	173	1758	0.929	ug/l #	90
73) Isopropylbenzene	11.02	105	11521	0.990	ug/l	100
74) N-amyl acetate	10.90	43	6182	0.904	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	4449	1.008	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	5323	1.381	ug/l	78
77) Bromobenzene	11.26	156	3295	1.171	ug/l	94
78) n-propylbenzene	11.36	91	12500	0.923	ug/l	97
79) 2-Chlorotoluene	11.42	91	8363	1.021	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	9429	0.967	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	1290	0.915	ug/l	83
82) 4-Chlorotoluene	11.51	91	9768	1.030	ug/l	99
83) tert-Butylbenzene	11.77	119	9260	0.986	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	9864	0.999	ug/l	99
85) sec-Butylbenzene	11.94	105	10487	0.940	ug/l	96
86) p-Isopropyltoluene	12.06	119	9717	0.967	ug/l	93
87) 1,3-Dichlorobenzene	12.02	146	5410	1.075	ug/l	97
88) 1,4-Dichlorobenzene	12.02	146	5410	1.060	ug/l	97
89) n-Butylbenzene	12.39	91	8593	0.913	ug/l	97
90) Hexachloroethane	12.60	117	1548	0.928	ug/l	89
91) 1,2-Dichlorobenzene	12.39	146	5237	1.048	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	985	1.012	ug/l	89

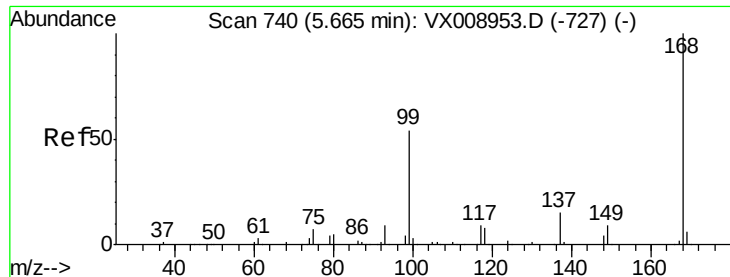
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041519\
Data File : VX008957.D
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ClientSampleId :
VSTDICC001

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Quant Title : SW846 8260
QLast Update : Tue Apr 16 01:38:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	3620	1.033	ug/l	94
94) Hexachlorobutadiene	13.79	225	1757	1.046	ug/l	98
95) Naphthalene	13.83	128	11489	0.990	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	3524	1.009	ug/l	95

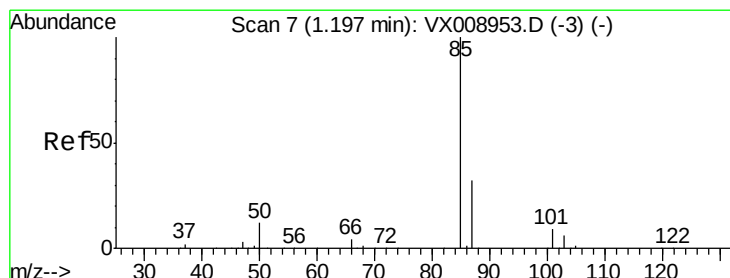
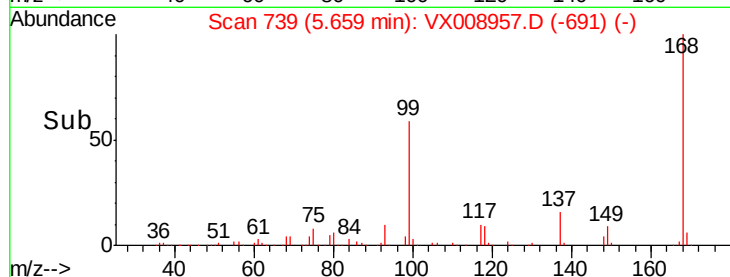
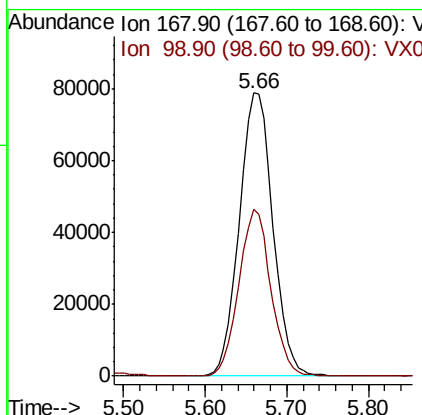
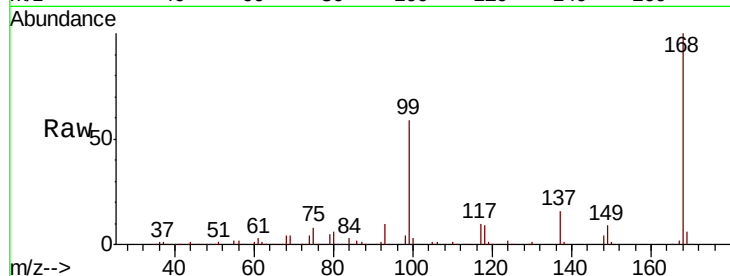
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.01 min
Lab File: VX008957.D
Acq: 15 Apr 2019 12:45

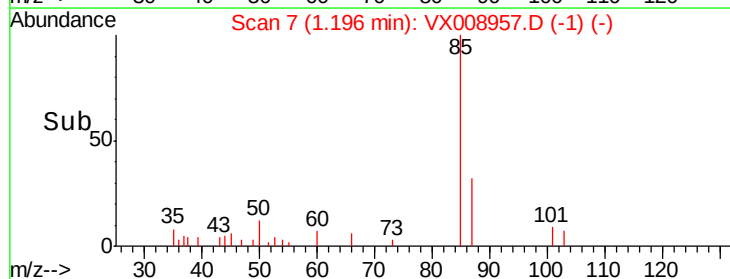
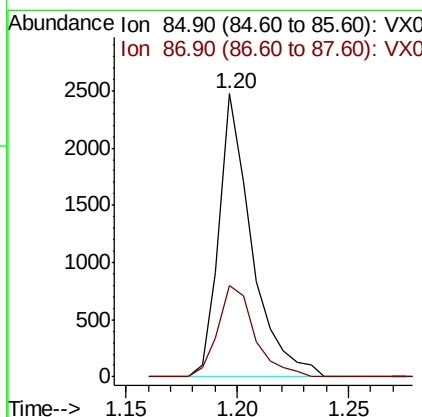
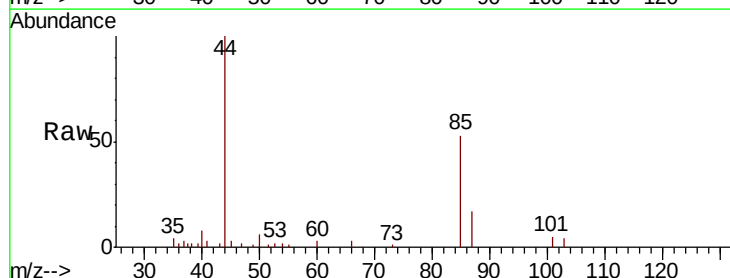
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

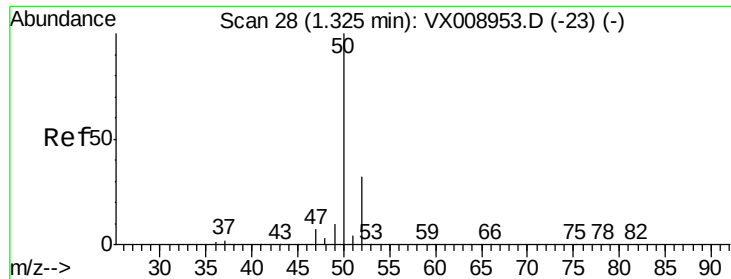
Tot Ion:168 Resp: 226013
Ion Ratio Lower Upper
168 100
99 58.8 43.0 64.6



#2
Dichlorodifluoromethane
Concen: 0.966 ug/l
RT: 1.20 min Scan# 7
Delta R.T. -0.00 min
Lab File: VX008957.D
Acq: 15 Apr 2019 12:45

Tgt Ion: 85 Resp: 2522
Ion Ratio Lower Upper
85 100
87 32.3 16.0 47.9





#3

Chloromethane

Concen: 1.046 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX008957.D

Acq: 15 Apr 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

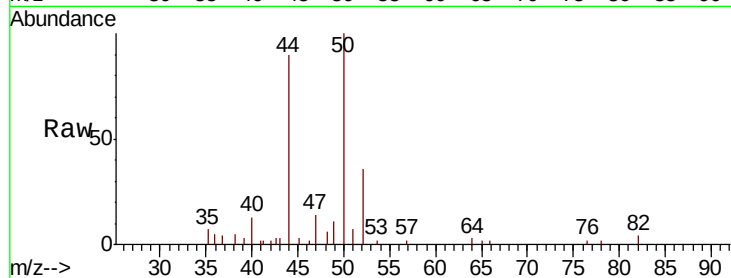
VSTDIC001

Tot Ion: 50 Resp: 3713

Ion Ratio Lower Upper

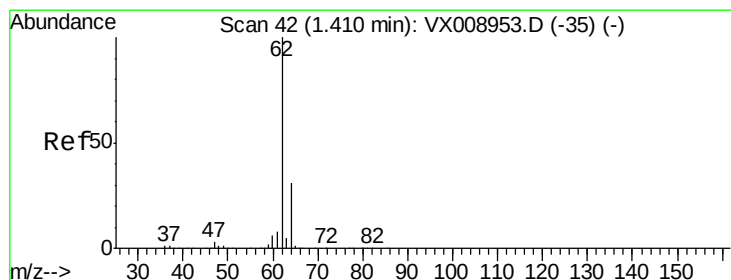
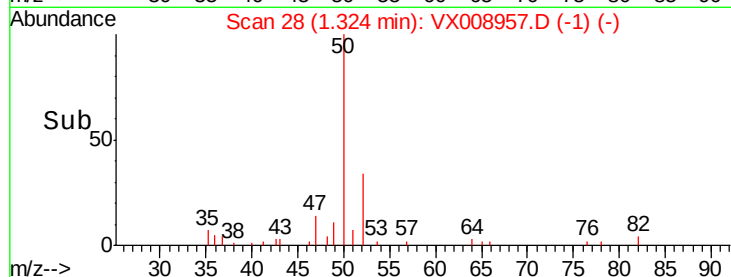
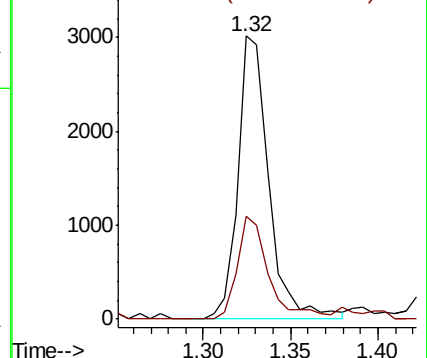
50 100

52 36.2 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 0.946 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008957.D

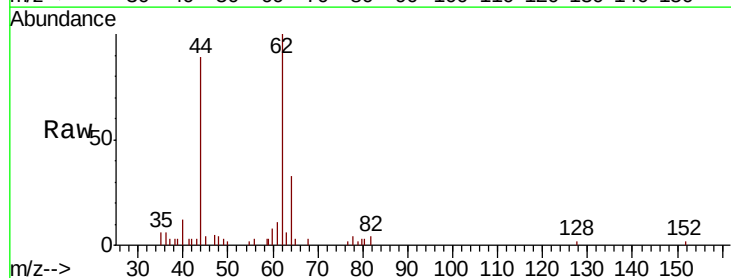
Acq: 15 Apr 2019 12:45

Tgt Ion: 62 Resp: 3257

Ion Ratio Lower Upper

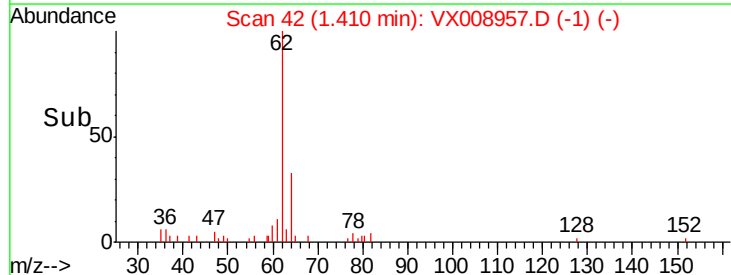
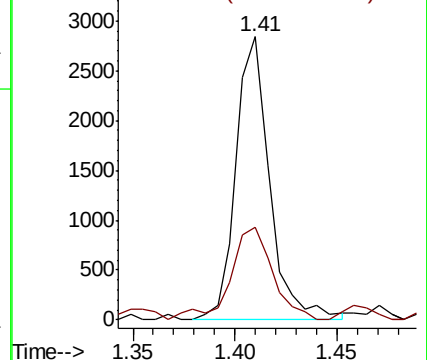
62 100

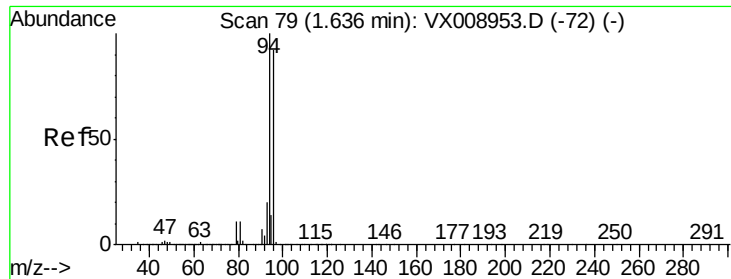
64 30.2 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 1.581 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX008957.D

Acq: 15 Apr 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

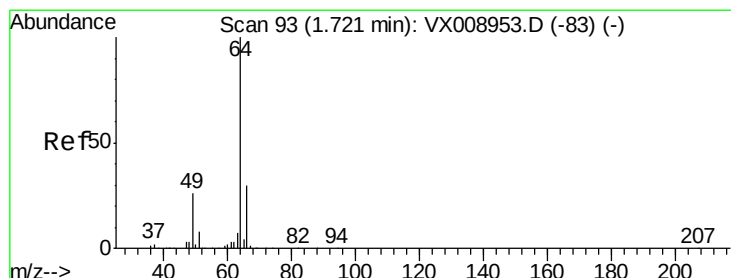
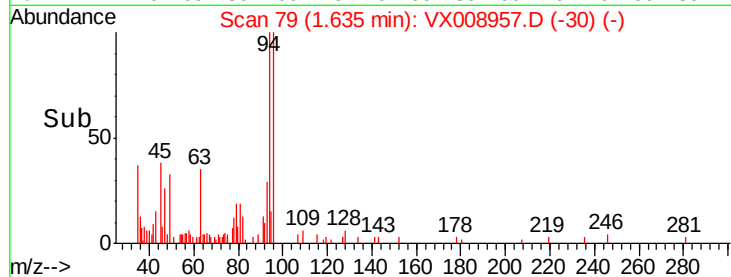
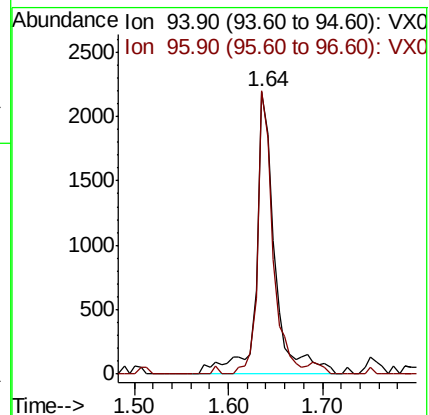
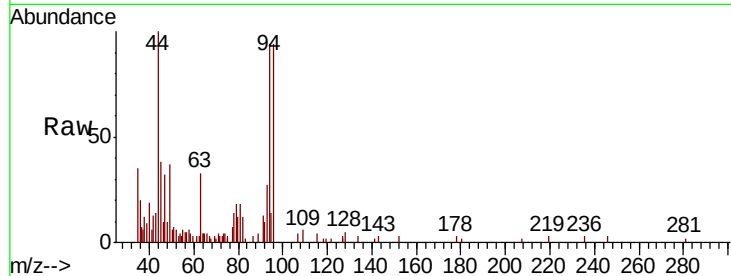
VSTDIC001

Tot Ion: 94 Resp: 3005

Ion Ratio Lower Upper

94 100

96 100.1 73.9 110.9



#6

Chloroethane

Concen: 0.766 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX008957.D

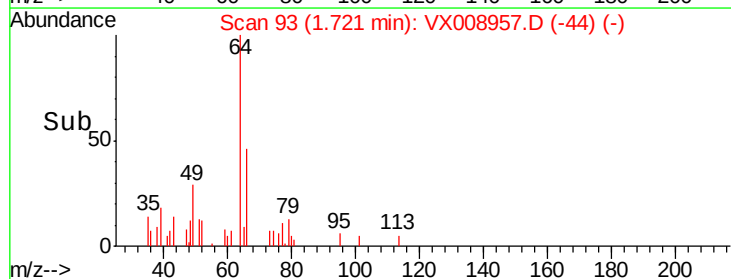
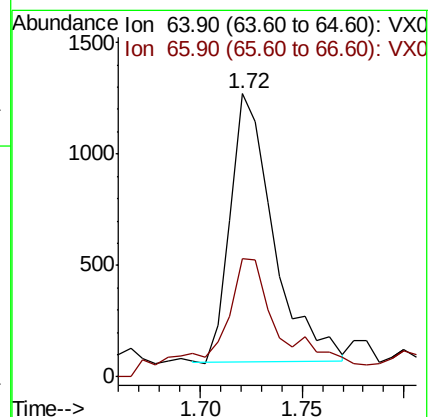
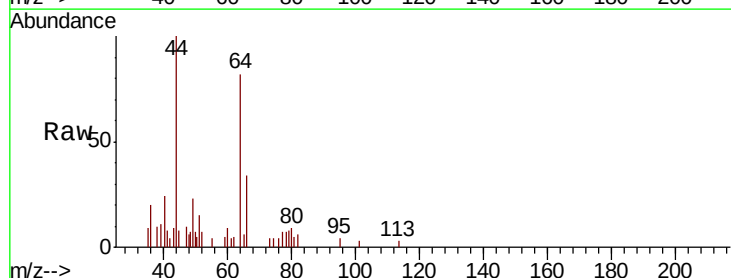
Acq: 15 Apr 2019 12:45

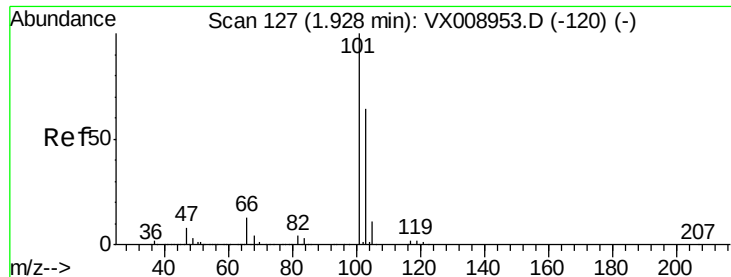
Tgt Ion: 64 Resp: 1754

Ion Ratio Lower Upper

64 100

66 36.7 24.2 36.2#



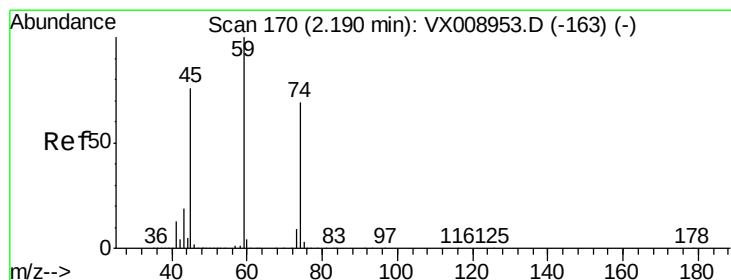
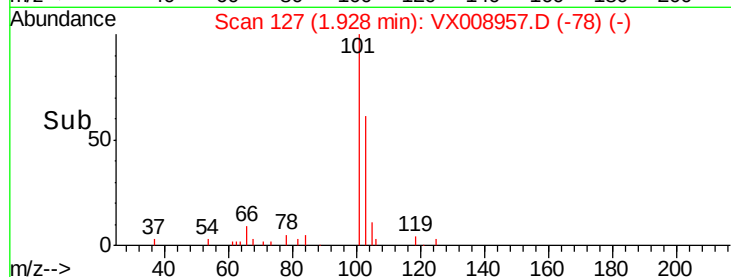
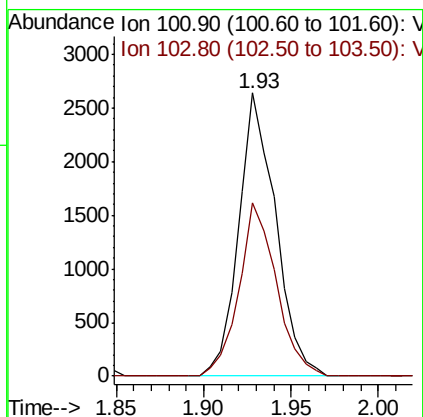
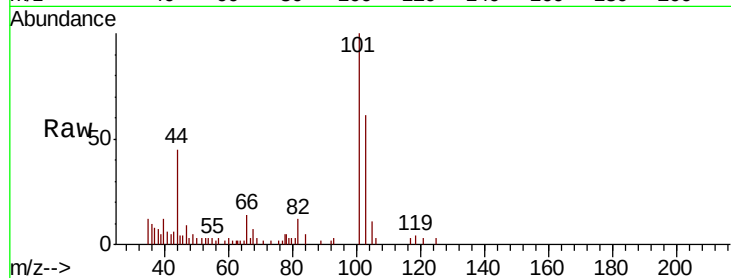


#7

Trichlorofluoromethane
 Concen: 1.016 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VX008957.D
 Acq: 15 Apr 2019 12:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

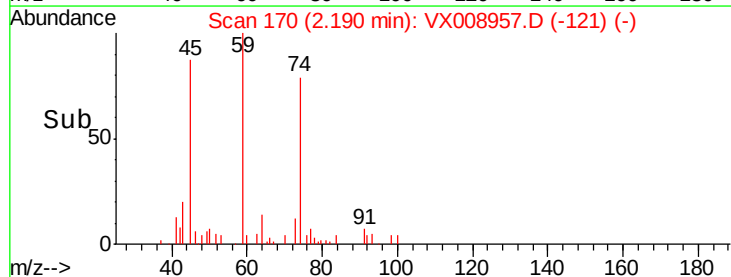
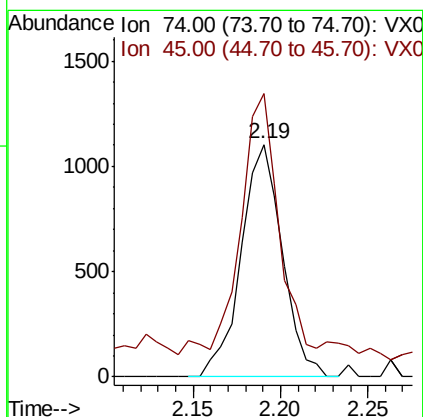
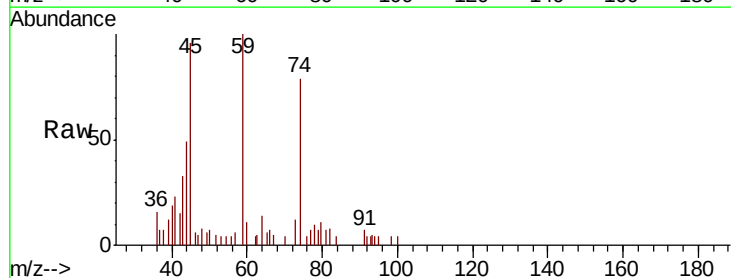
Tot Ion:101 Resp: 3887
 Ion Ratio Lower Upper
 101 100
 103 61.1 51.0 76.6

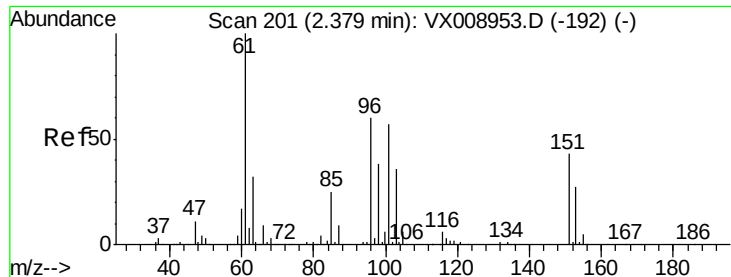


#8

Diethyl Ether
 Concen: 1.002 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX008957.D
 Acq: 15 Apr 2019 12:45

Tgt Ion: 74 Resp: 1805
 Ion Ratio Lower Upper
 74 100
 45 102.8 54.9 164.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.014 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX008957.D

Acq: 15 Apr 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

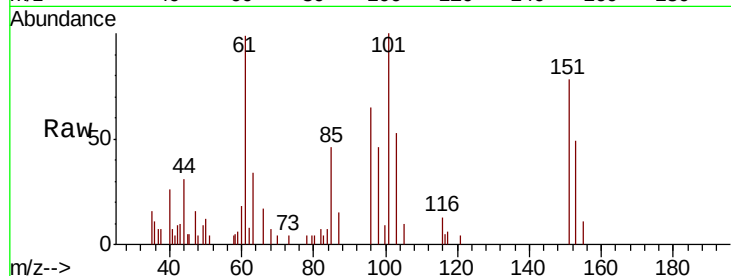
Tot Ion:101 Resp: 2484

Ion Ratio Lower Upper

101 100

85 48.0 35.7 53.5

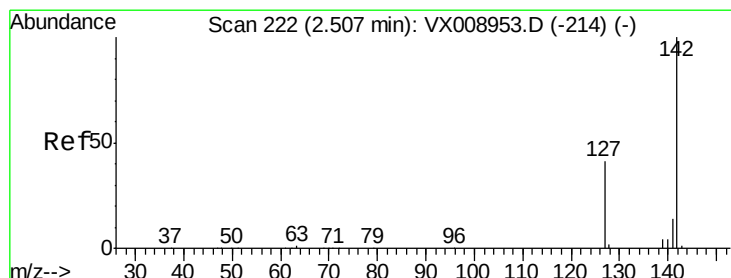
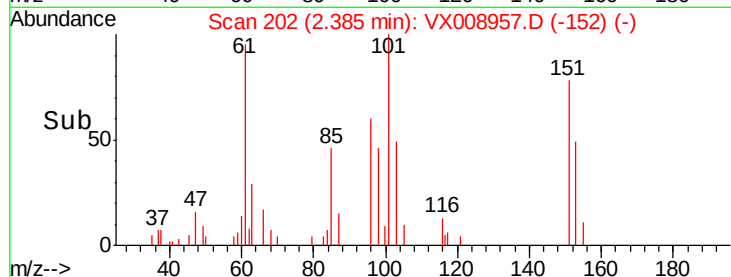
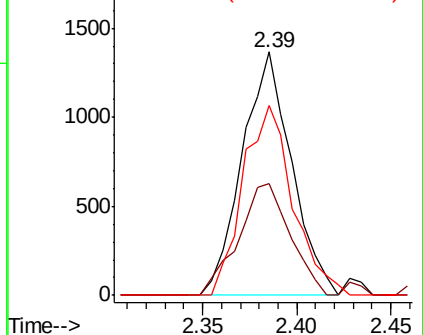
151 78.9 62.7 94.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 0.788 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX008957.D

Acq: 15 Apr 2019 12:45

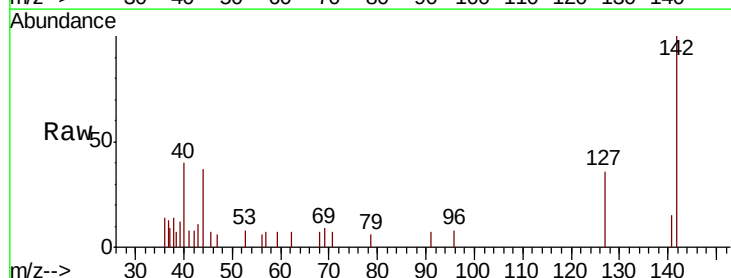
Tgt Ion:142 Resp: 1640

Ion Ratio Lower Upper

142 100

127 42.4 32.8 49.2

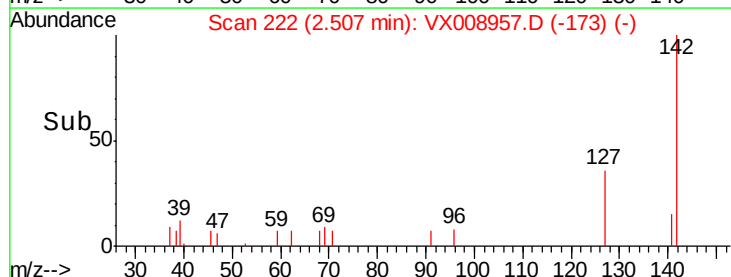
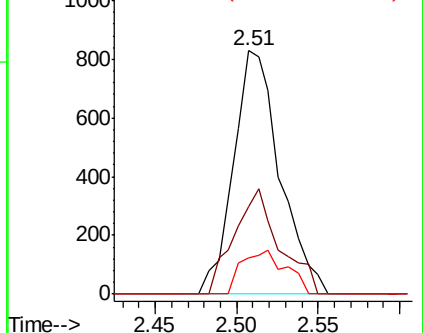
141 17.1 11.4 17.2

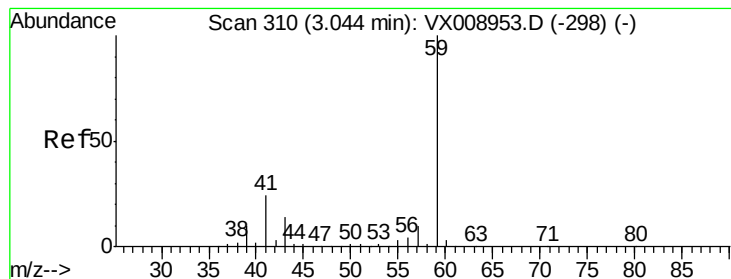


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



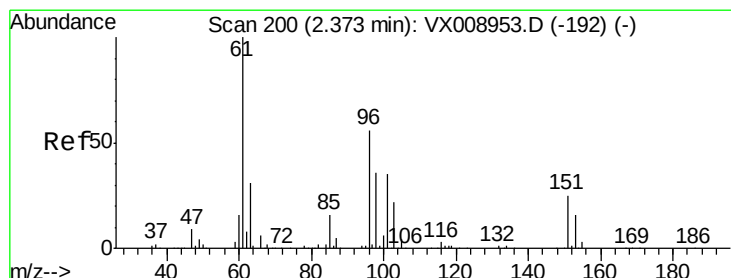
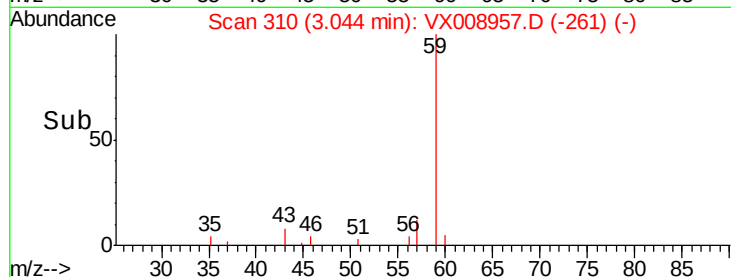
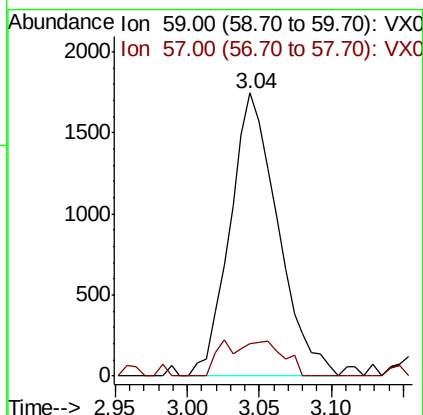
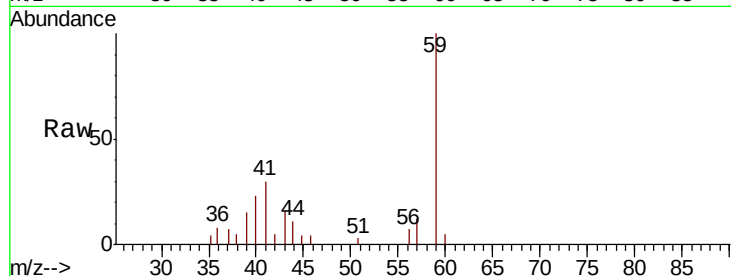


#11

Tert butyl alcohol
 Concen: 5.370 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. -0.00 min
 Lab File: VX008957.D
 Acq: 15 Apr 2019 12:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

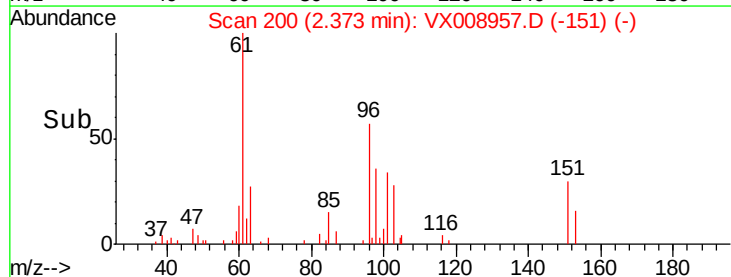
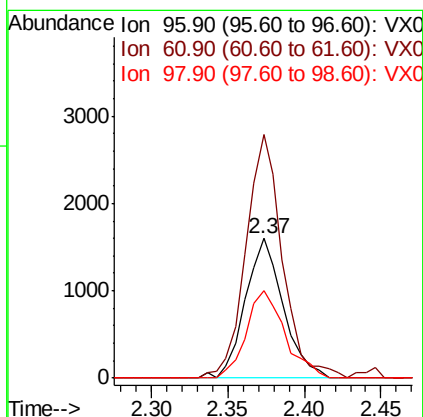
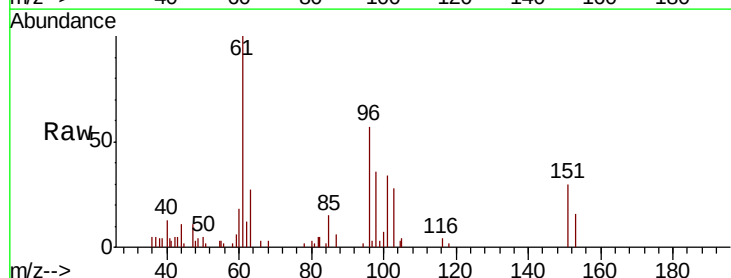
Tot Ion: 59 Resp: 4042
 Ion Ratio Lower Upper
 59 100
 57 9.2 8.4 12.6

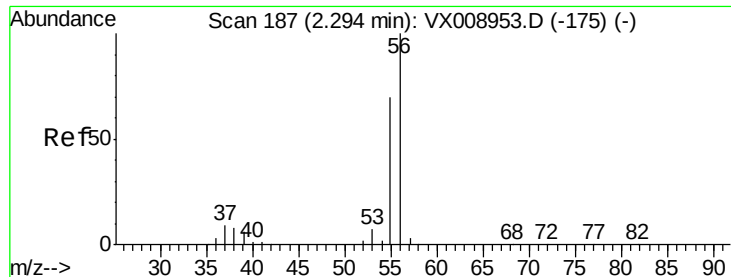


#12

1,1-Dichloroethene
 Concen: 1.071 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX008957.D
 Acq: 15 Apr 2019 12:45

Tgt Ion: 96 Resp: 2748
 Ion Ratio Lower Upper
 96 100
 61 174.3 142.2 213.2
 98 62.5 50.9 76.3





#13

Acrolein

Concen: 9.195 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008957.D

Acq: 15 Apr 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

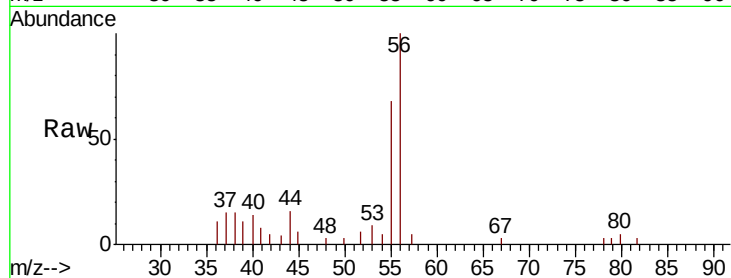
VSTDIC001

Tot Ion: 56 Resp: 3966

Ion Ratio Lower Upper

56 100

55 72.1 56.6 84.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

2500

2000

1500

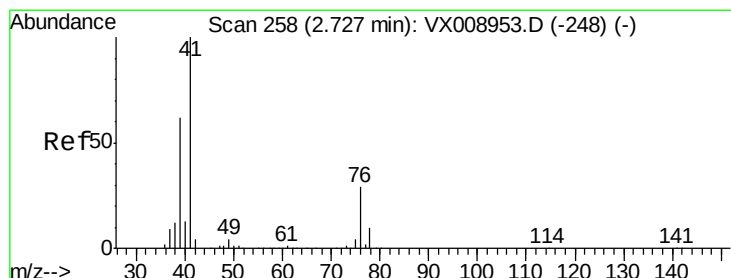
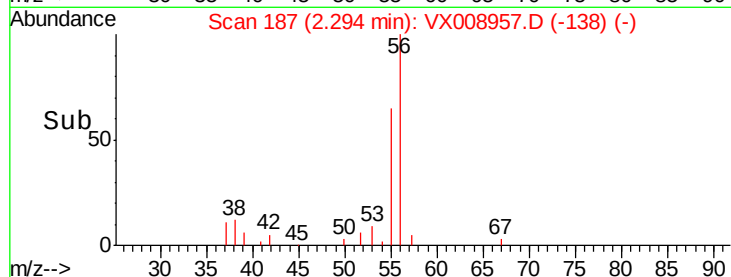
1000

500

0

Time-->

2.20 2.25 2.30 2.35 2.40



#14

Allyl chloride

Concen: 0.870 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX008957.D

Acq: 15 Apr 2019 12:45

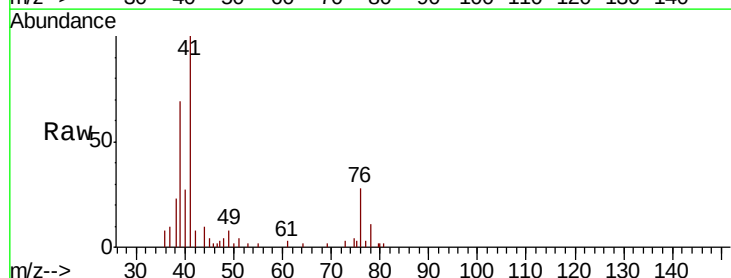
Tgt Ion: 41 Resp: 5089

Ion Ratio Lower Upper

41 100

39 69.9 46.7 70.1

76 31.1 22.0 33.0



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

3000

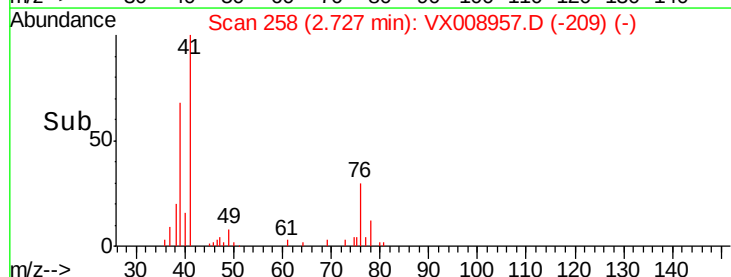
2000

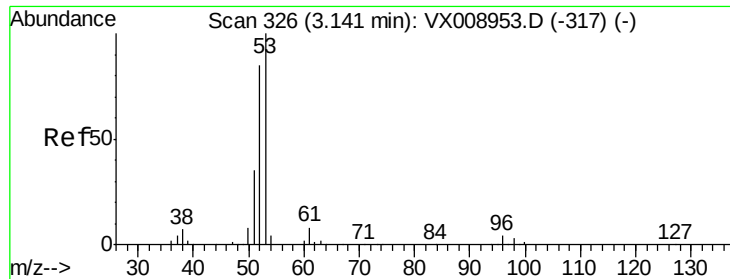
1000

0

Time-->

2.65 2.70 2.75 2.80





#15

Acrylonitrile

Concen: 5.020 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX008957.D

Acq: 15 Apr 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

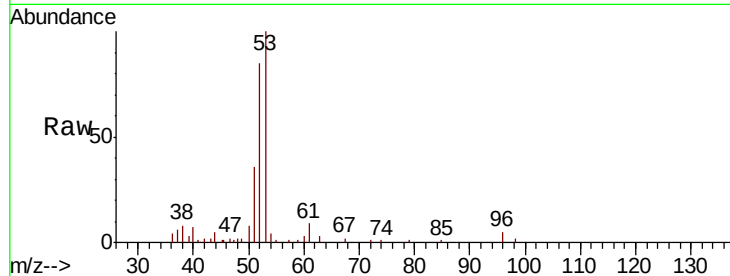
Tot Ion: 53 Resp: 9998

Ion Ratio Lower Upper

53 100

52 82.8 66.6 100.0

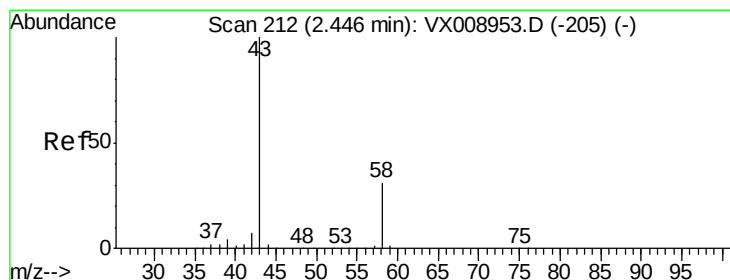
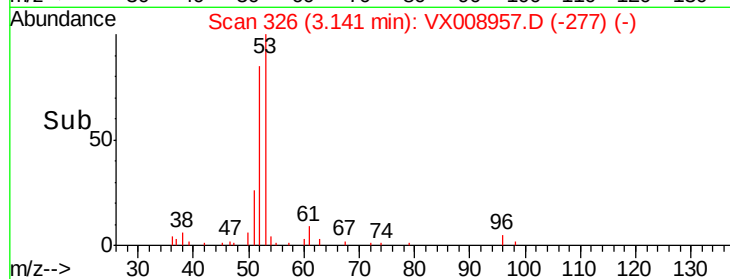
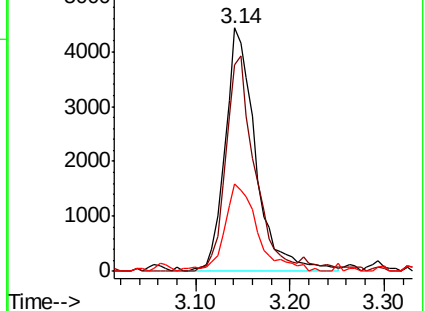
51 38.7 28.3 42.5



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 4.868 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX008957.D

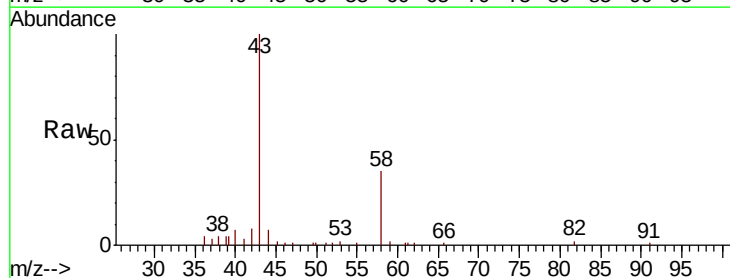
Acq: 15 Apr 2019 12:45

Tgt Ion: 43 Resp: 8937

Ion Ratio Lower Upper

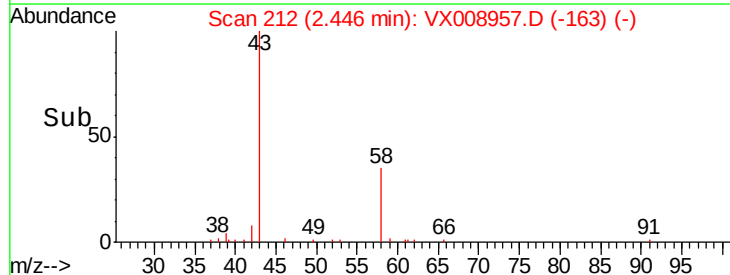
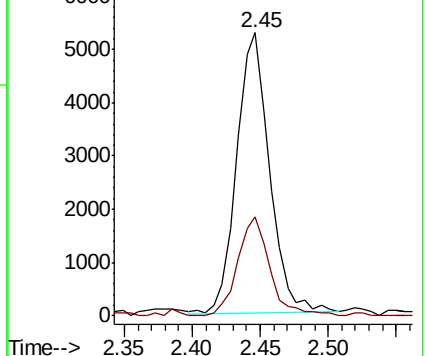
43 100

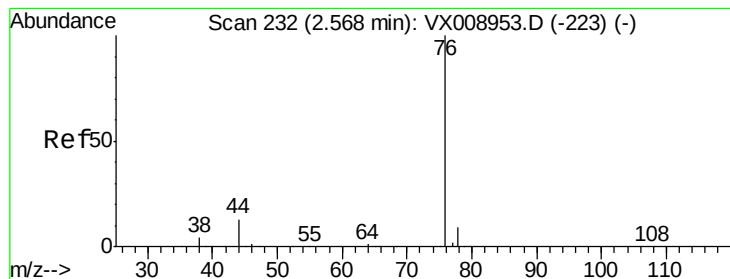
58 35.4 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 1.252 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX008957.D

Acq: 15 Apr 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

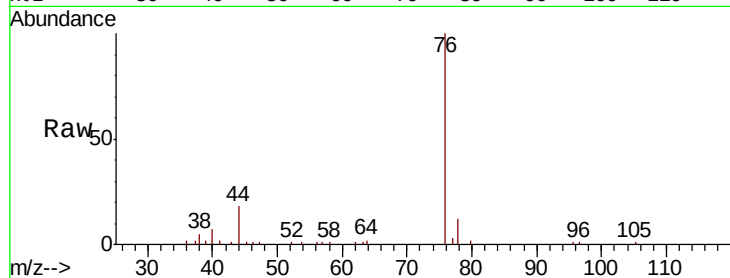
VSTDIC001

Tot Ion: 76 Resp: 10312

Ion Ratio Lower Upper

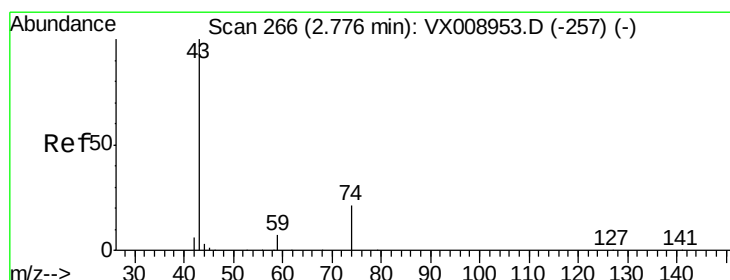
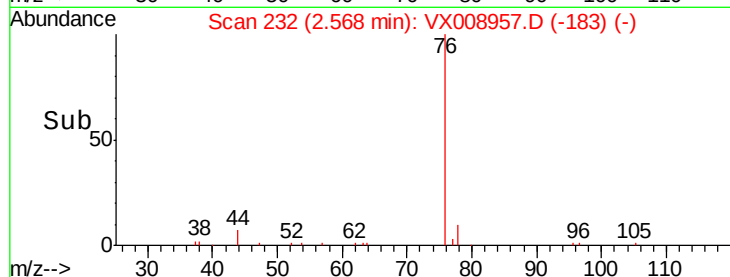
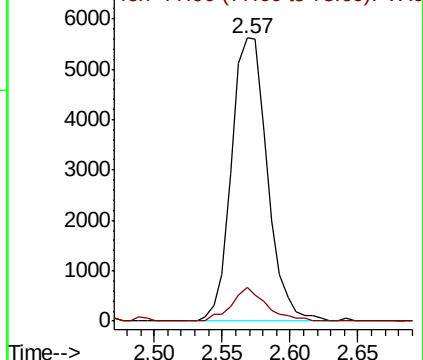
76 100

78 11.9 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: 1.116 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX008957.D

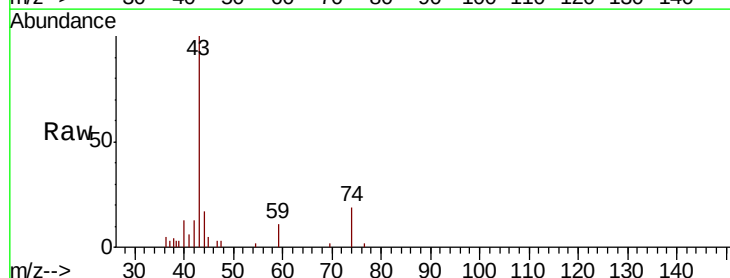
Acq: 15 Apr 2019 12:45

Tgt Ion: 43 Resp: 5013

Ion Ratio Lower Upper

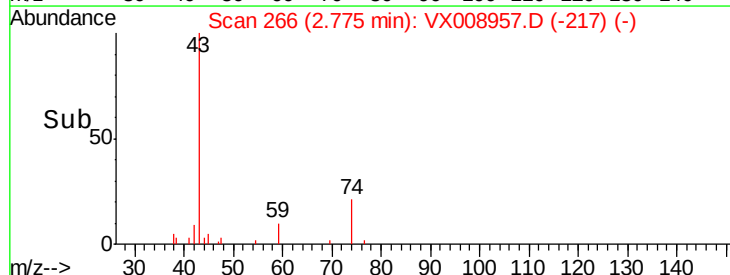
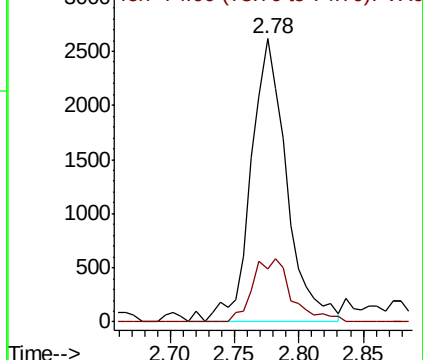
43 100

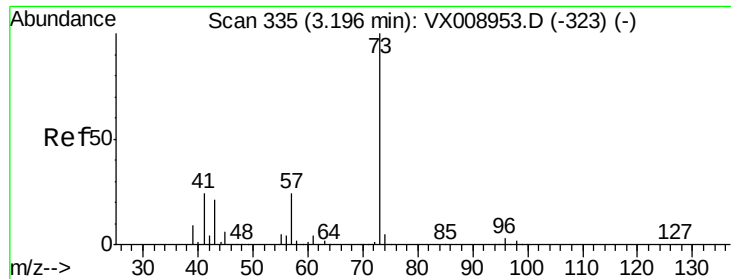
74 24.4 16.6 25.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

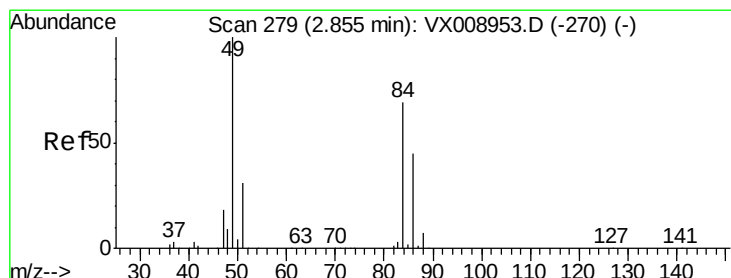
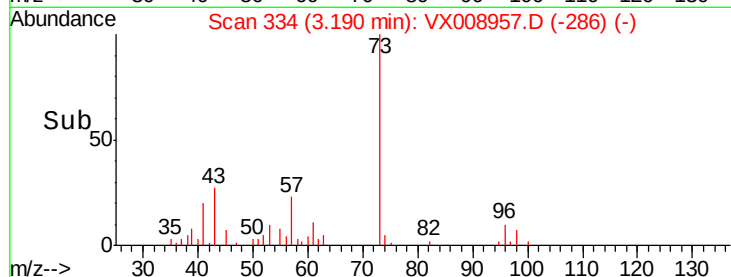
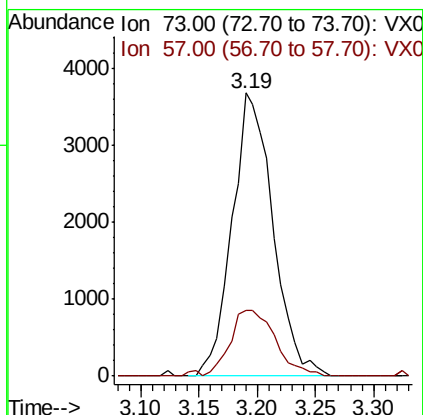
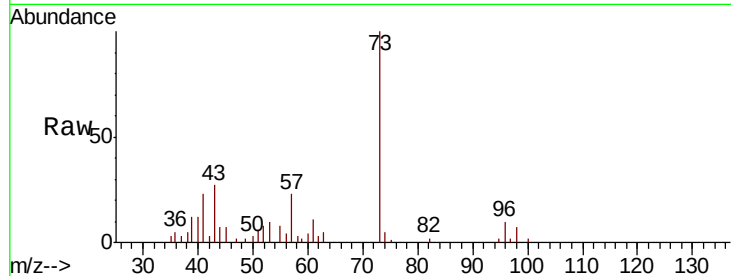




#19
Methyl tert-butyl Ether
Concen: 0.985 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX008957.D
Acq: 15 Apr 2019 12:45

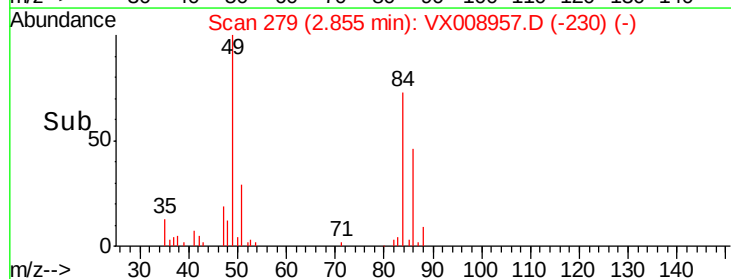
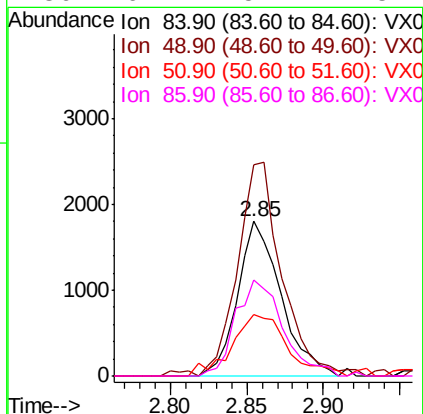
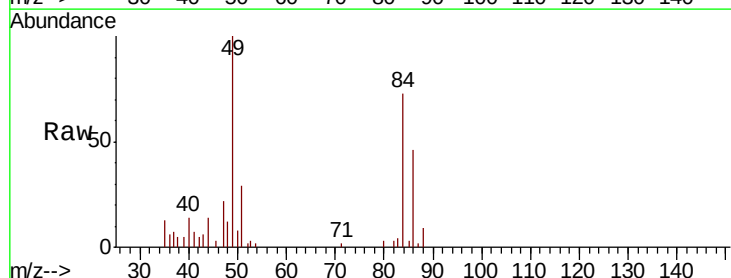
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

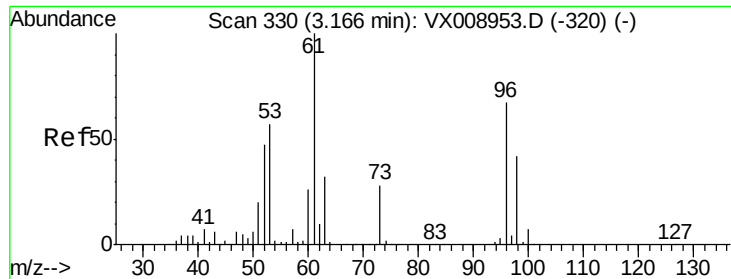
Tot Ion: 73 Resp: 8999
Ion Ratio Lower Upper
73 100
57 23.1 19.2 28.8



#20
Methylene Chloride
Concen: 1.143 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX008957.D
Acq: 15 Apr 2019 12:45

Tgt Ion: 84 Resp: 3544
Ion Ratio Lower Upper
84 100
49 133.2 115.4 173.0
51 39.7 35.8 53.6
86 62.1 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 1.083 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008957.D

Acq: 15 Apr 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

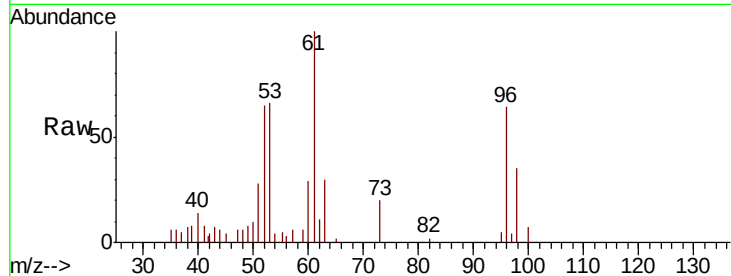
Tot Ion: 96 Resp: 3008

Ion Ratio Lower Upper

96 100

61 156.8 120.3 180.5

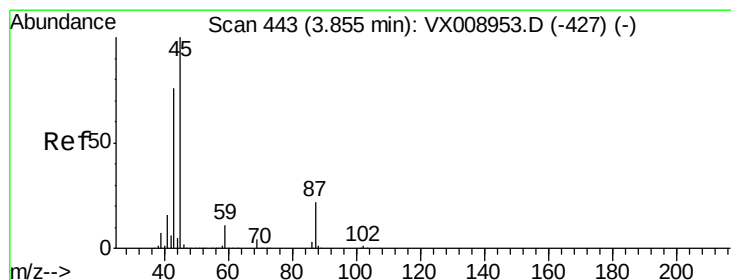
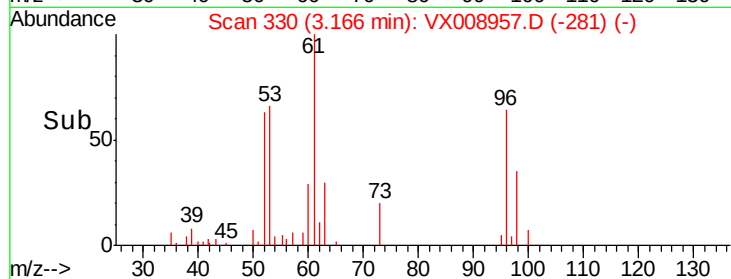
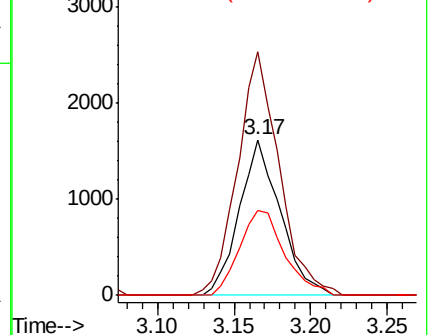
98 54.5 50.2 75.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 0.931 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX008957.D

Acq: 15 Apr 2019 12:45

Tgt Ion: 45 Resp: 10477

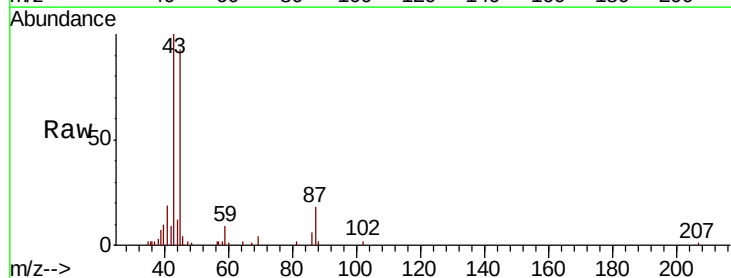
Ion Ratio Lower Upper

45 100

43 103.6 60.6 91.0#

87 20.2 17.8 26.8

59 10.3 8.7 13.1

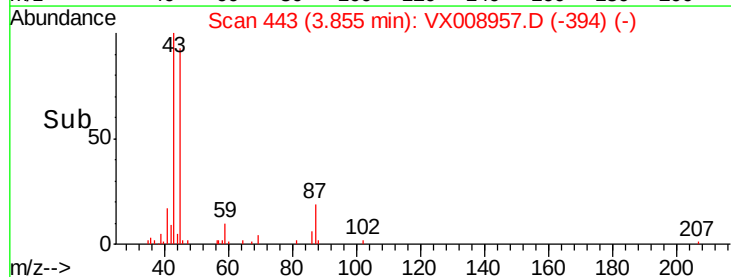
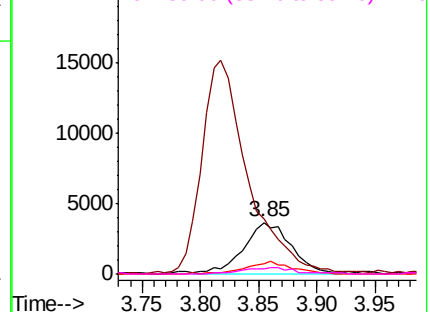


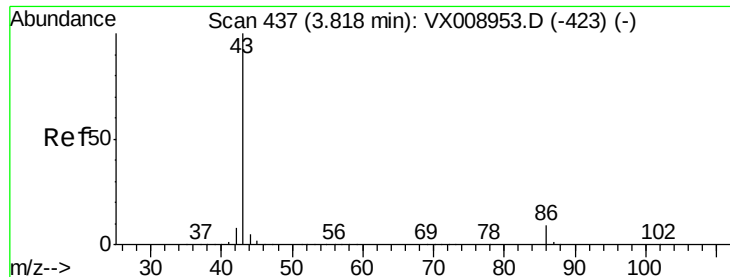
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 4.305 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX008957.D

Acq: 15 Apr 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

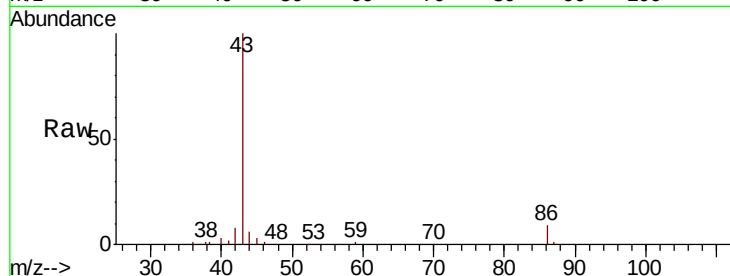
VSTDIC001

Tot Ion: 43 Resp: 42217

Ion Ratio Lower Upper

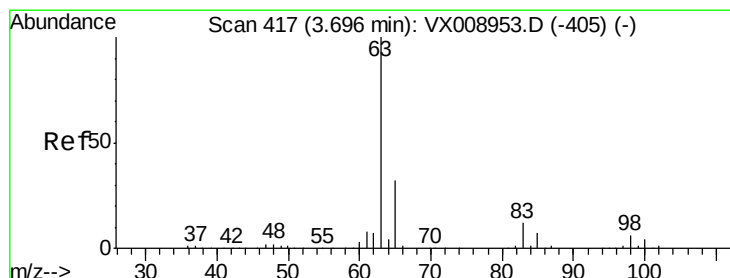
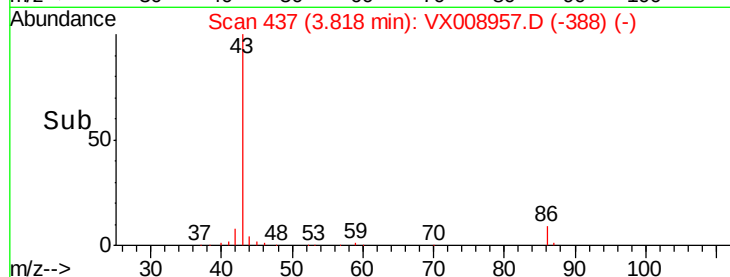
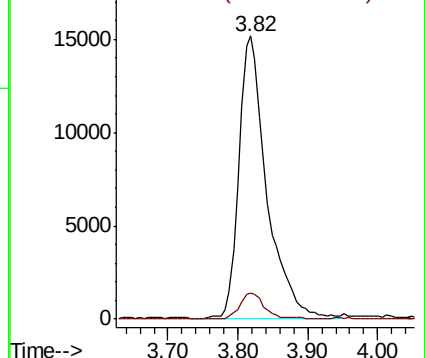
43 100

86 9.4 7.1 10.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 0.971 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.01 min

Lab File: VX008957.D

Acq: 15 Apr 2019 12:45

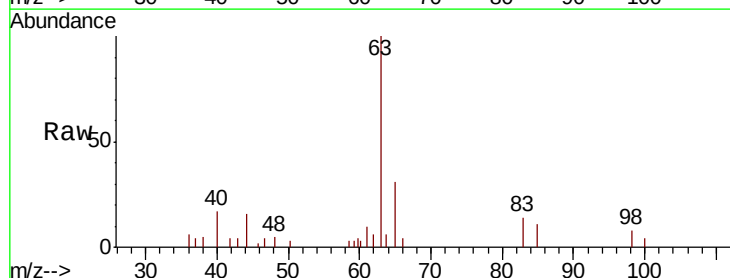
Tgt Ion: 63 Resp: 5405

Ion Ratio Lower Upper

63 100

98 7.8 3.1 9.3

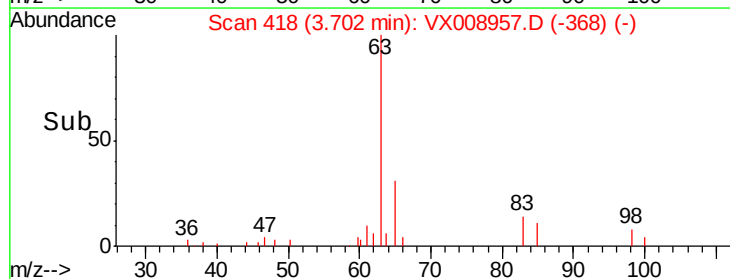
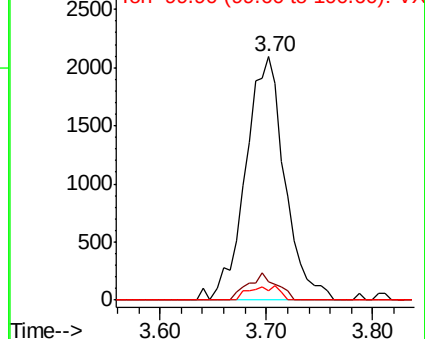
100 3.9 1.9 5.7

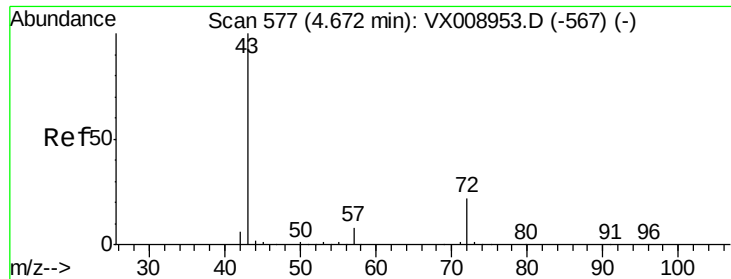


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 4.628 ug/l

RT: 4.68 min Scan# 579

Delta R.T. 0.01 min

Lab File: VX008957.D

Acq: 15 Apr 2019 12:45

Instrument :

MSVOA_X

ClientSampled :

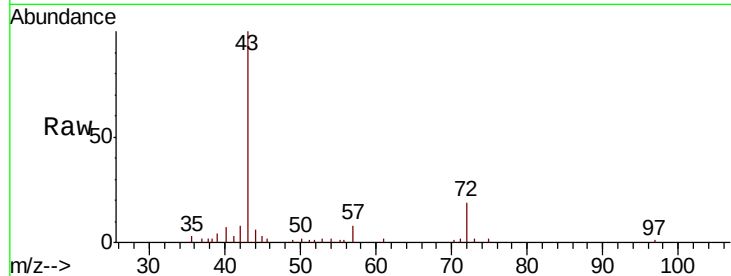
VSTDIC001

Tot Ion: 43 Resp: 13494

Ion Ratio Lower Upper

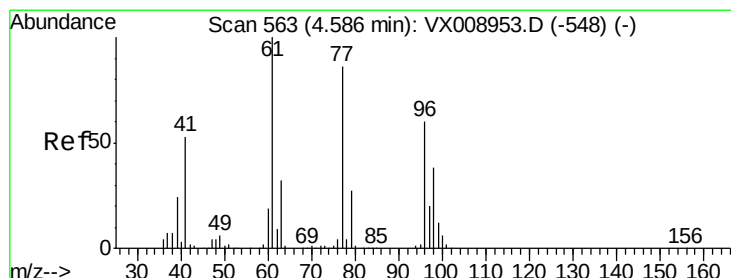
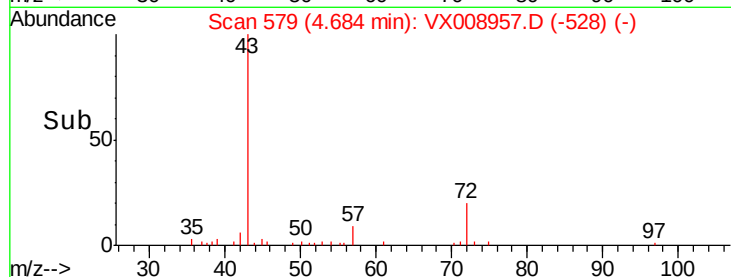
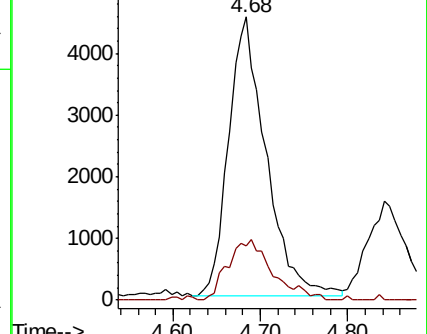
43 100

72 19.5 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 1.019 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX008957.D

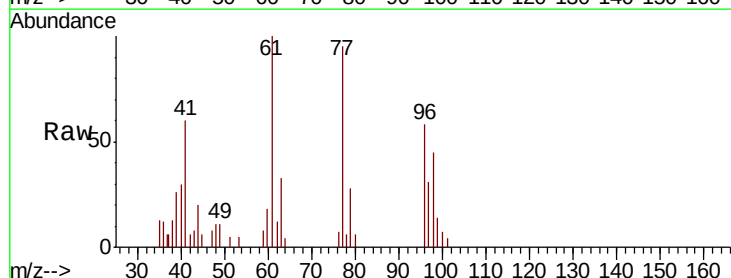
Acq: 15 Apr 2019 12:45

Tgt Ion: 77 Resp: 4029

Ion Ratio Lower Upper

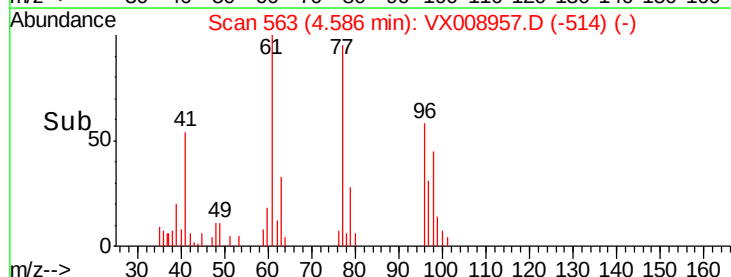
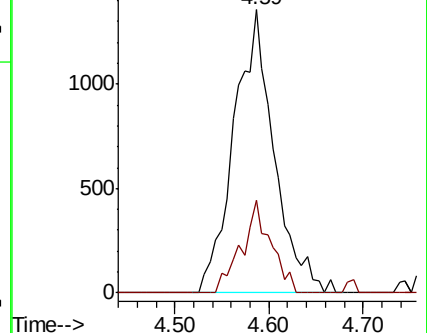
77 100

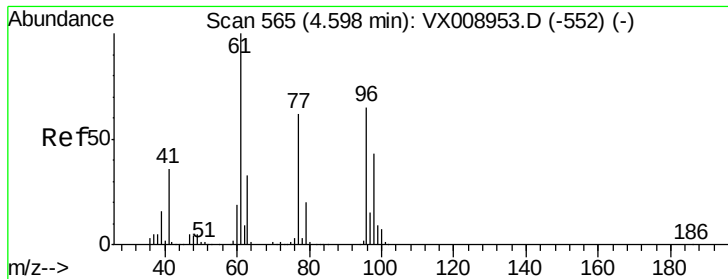
97 23.9 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



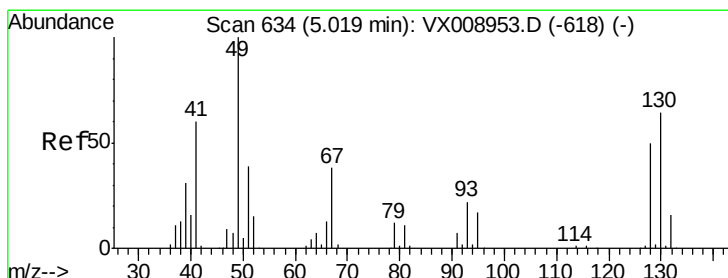
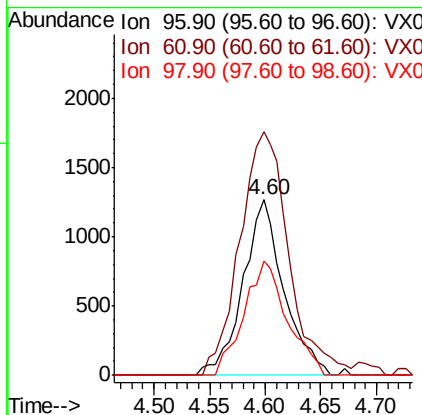
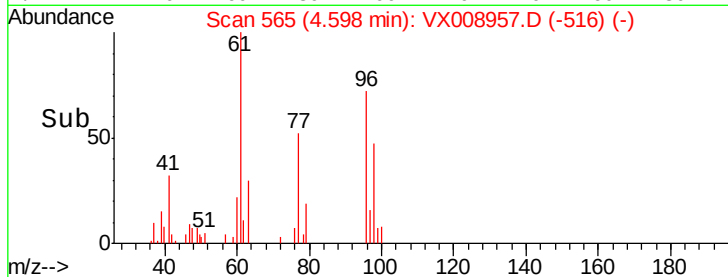
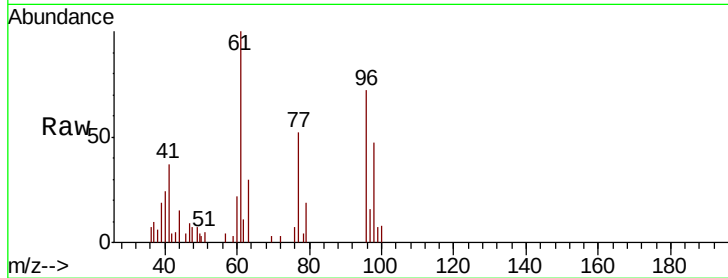


#27

cis-1,2-Dichloroethene
 Concen: 1.018 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX008957.D
 Acq: 15 Apr 2019 12:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

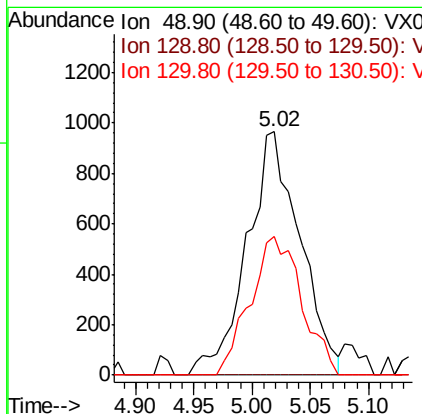
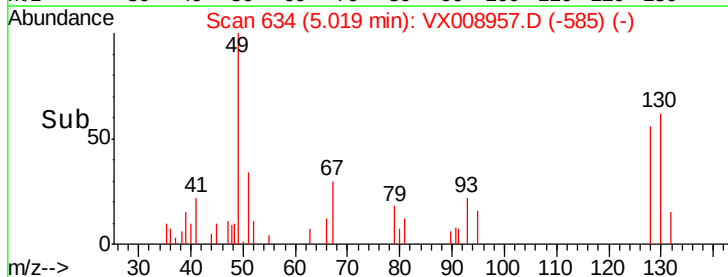
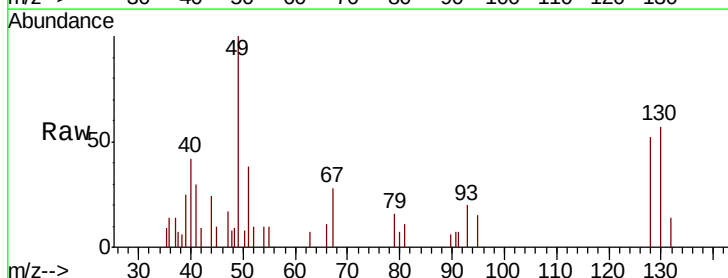
Tot Ion: 96 Resp: 3237
 Ion Ratio Lower Upper
 96 100
 61 166.2 0.0 322.0
 98 69.0 0.0 128.4

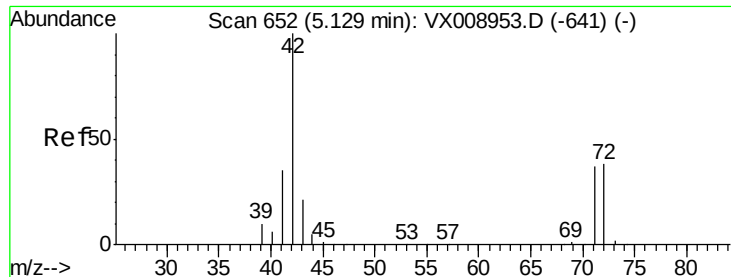


#28

Bromochloromethane
 Concen: 1.163 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX008957.D
 Acq: 15 Apr 2019 12:45

Tgt Ion: 49 Resp: 3048
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.6
 130 55.1 50.4 75.6

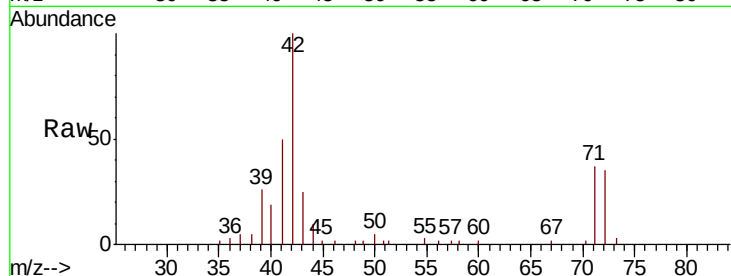




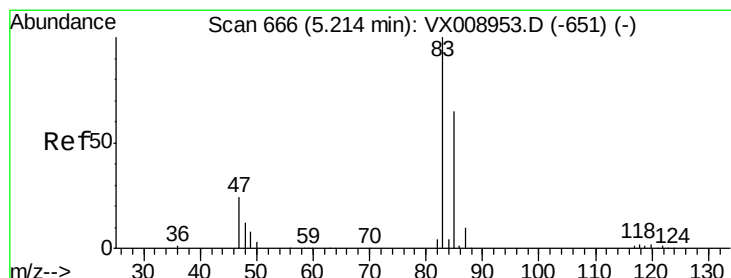
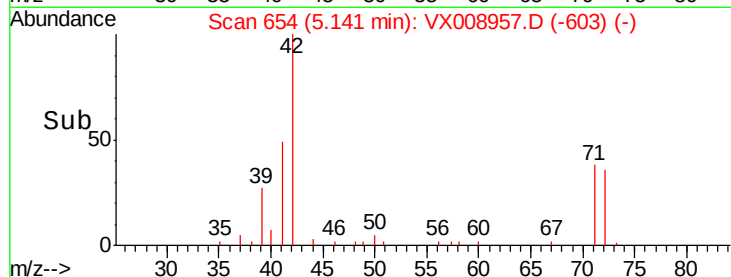
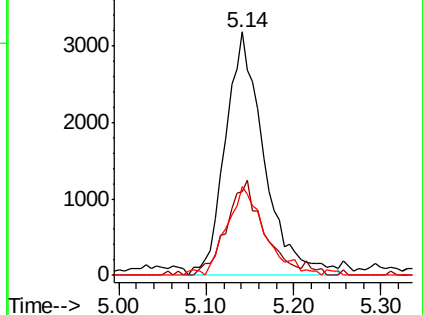
#29
Tetrahydrofuran
Concen: 5.061 ug/l
RT: 5.14 min Scan# 654
Delta R.T. 0.01 min
Lab File: VX008957.D
Acq: 15 Apr 2019 12:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 42 Resp: 9829
Ion Ratio Lower Upper
42 100
72 37.1 30.6 45.8
71 35.8 28.8 43.2

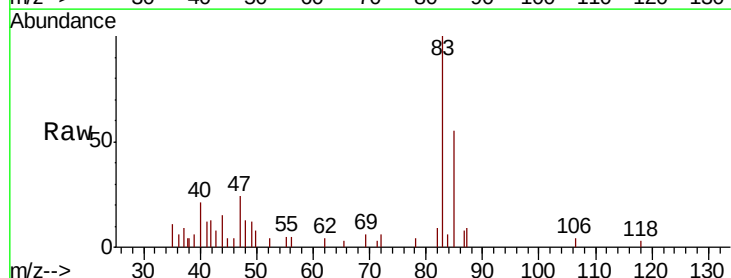


Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0

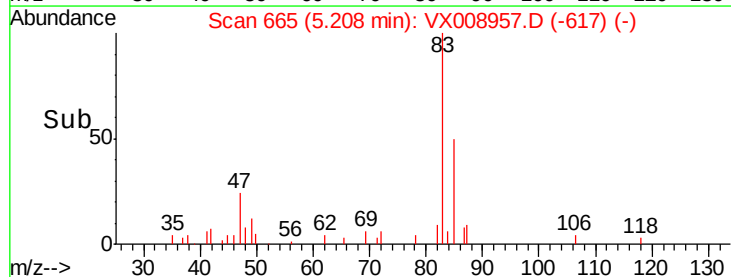
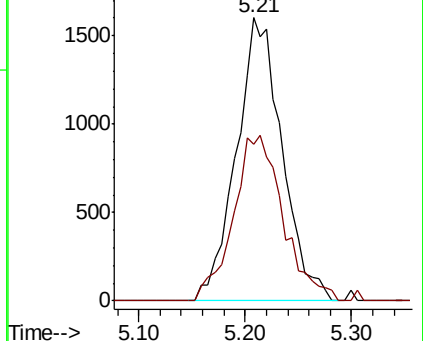


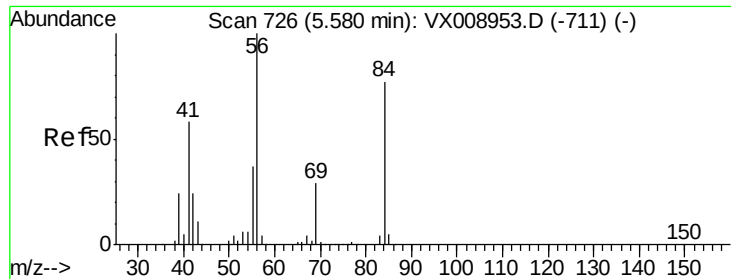
#30
Chloroform
Concen: 0.967 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX008957.D
Acq: 15 Apr 2019 12:45

Tgt Ion: 83 Resp: 4818
Ion Ratio Lower Upper
83 100
85 55.4 51.9 77.9



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0

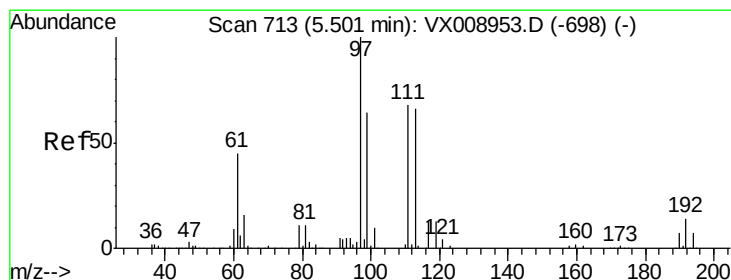
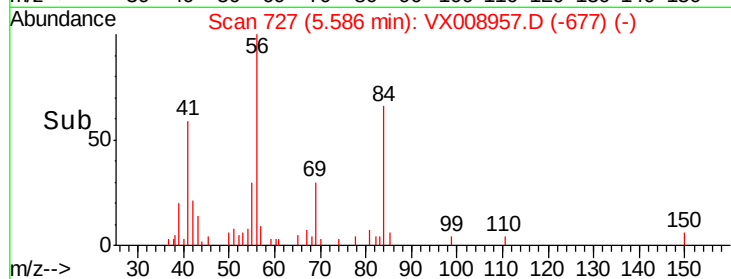
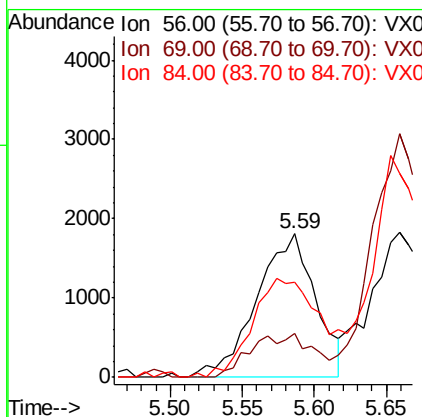
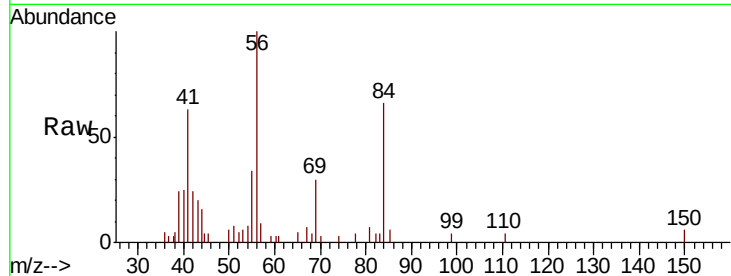




#31
Cyclohexane
Concen: 0.924 ug/l
RT: 5.59 min Scan# 727
Delta R.T. 0.01 min
Lab File: VX008957.D
Acq: 15 Apr 2019 12:45

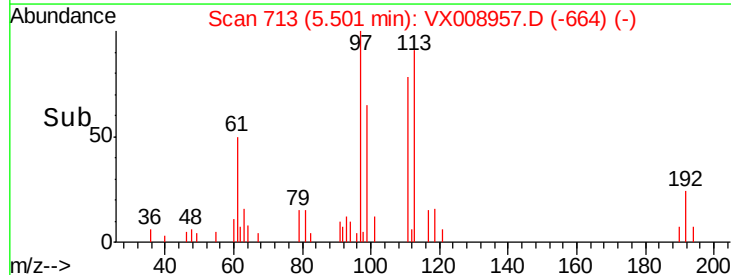
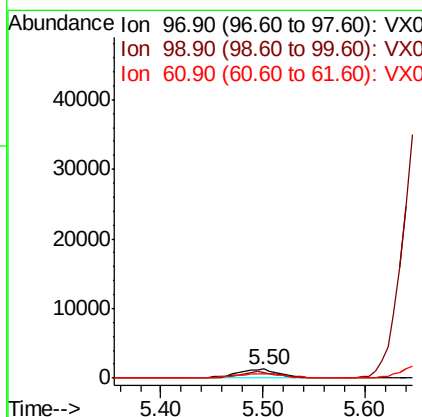
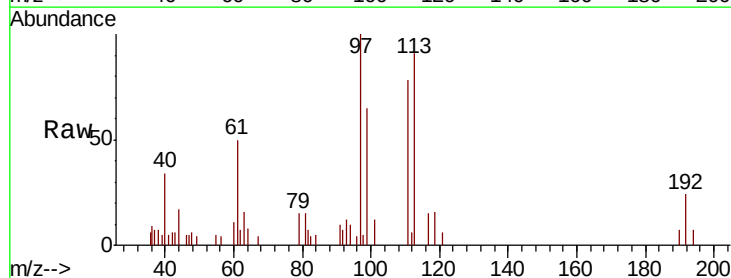
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

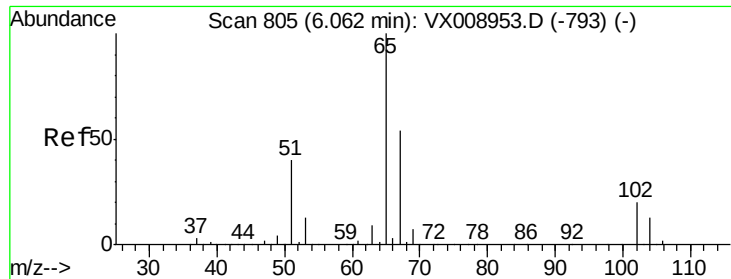
Tot Ion	Ratio	Lower	Upper
56	100		
69	30.4	23.3	34.9
84	66.5	61.7	92.5



#32
1,1,1-Trichloroethane
Concen: 0.933 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX008957.D
Acq: 15 Apr 2019 12:45

Tgt Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.6	77.4#
61	59.7	37.9	56.9#

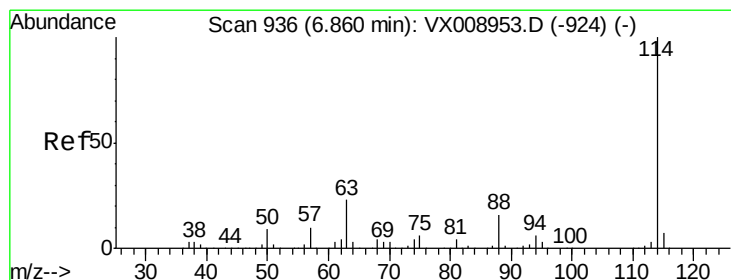
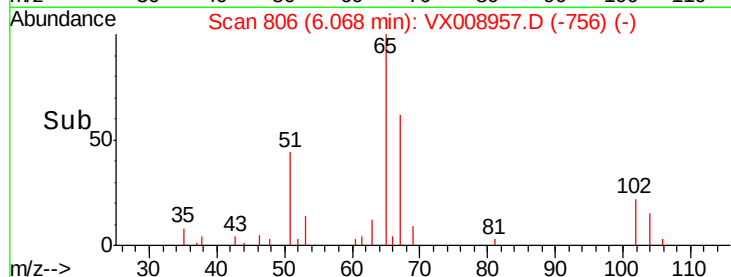
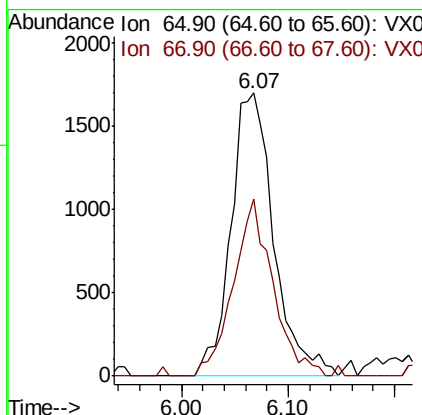
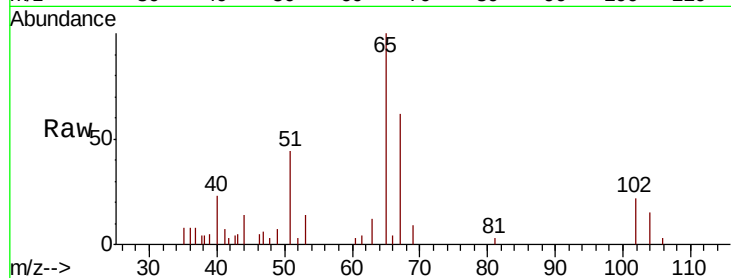




#33
 1,2-Dichloroethane-d4
 Concen: 1.483 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: VX008957.D
 Acq: 15 Apr 2019 12:45

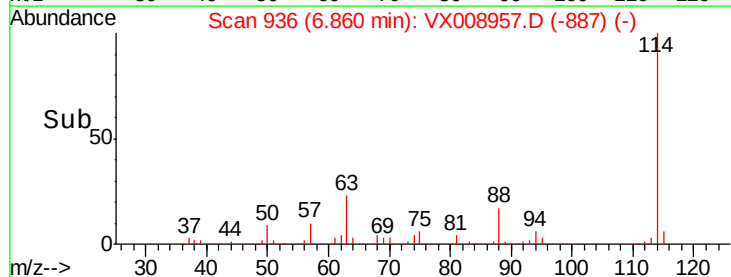
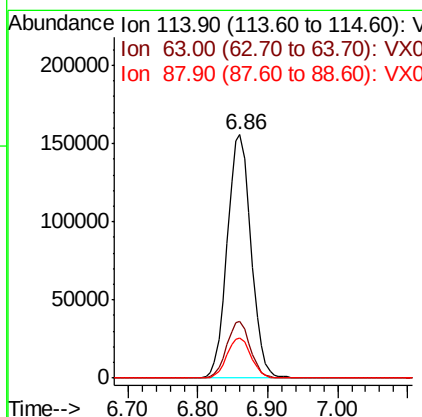
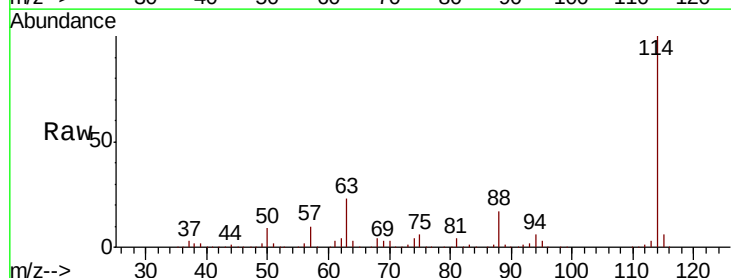
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

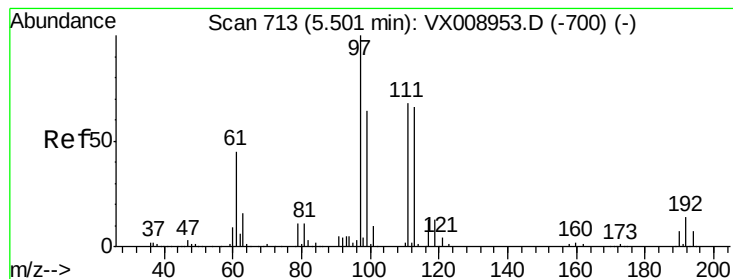
Tot Ion: 65 Resp: 4800
 Ion Ratio Lower Upper
 65 100
 67 57.8 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008957.D
 Acq: 15 Apr 2019 12:45

Tgt Ion: 114 Resp: 368320
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 46.0
 88 16.6 0.0 32.6





#35

Dibromofluoromethane

Concen: 1.447 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX008957.D

Acq: 15 Apr 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

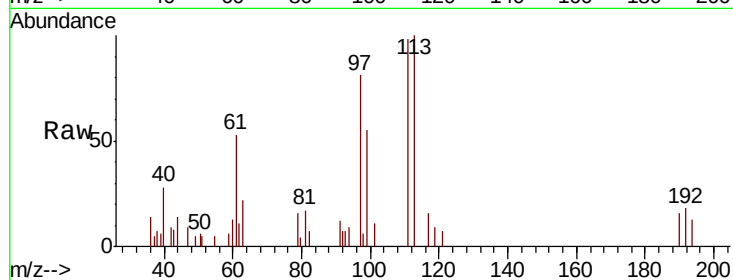
Tot Ion:113 Resp: 3385

Ion Ratio Lower Upper

113 100

111 99.6 82.9 124.3

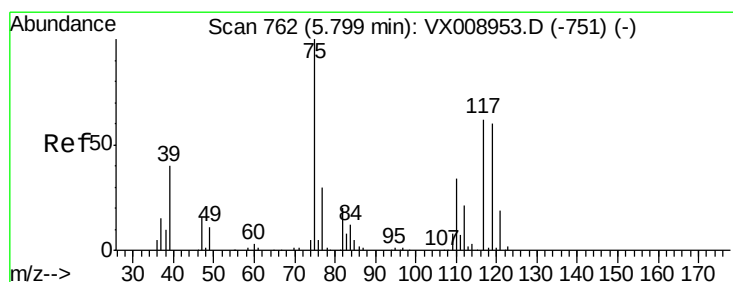
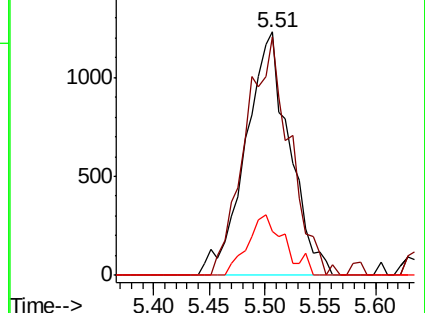
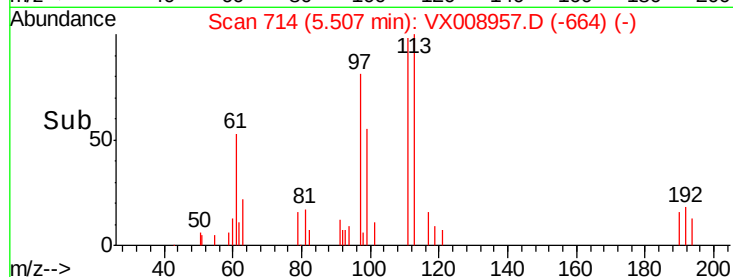
192 20.9 17.4 26.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 1.099 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX008957.D

Acq: 15 Apr 2019 12:45

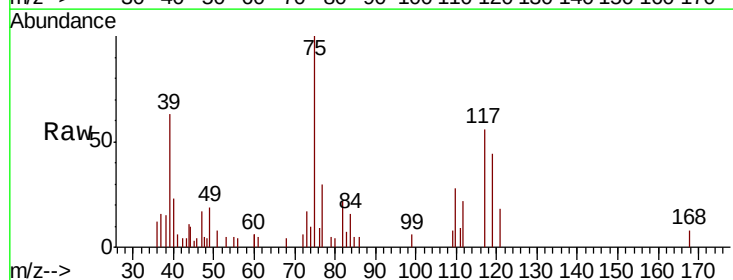
Tgt Ion: 75 Resp: 4352

Ion Ratio Lower Upper

75 100

110 33.5 16.9 50.7

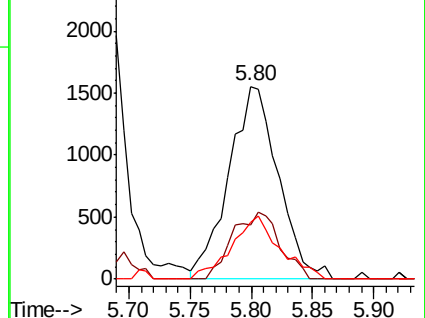
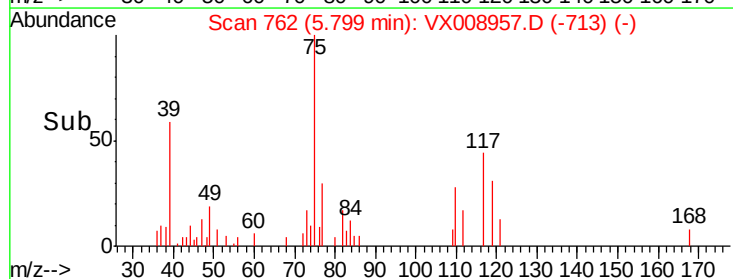
77 31.9 25.0 37.4

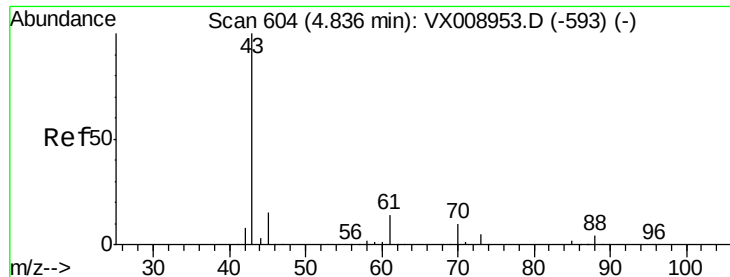


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

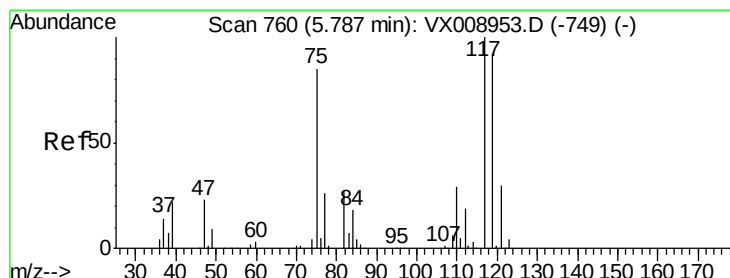
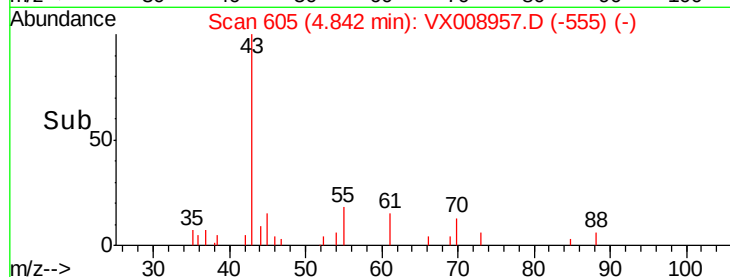
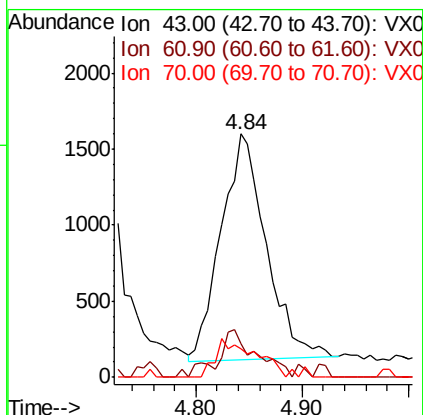
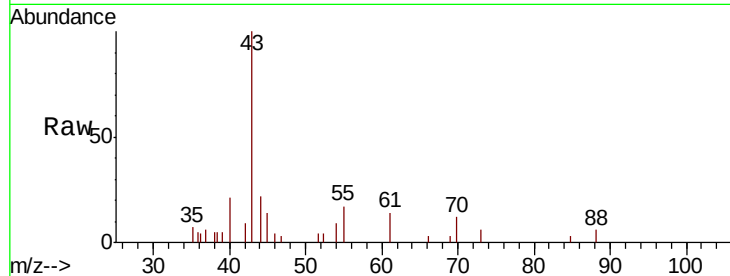




#37
Ethyl Acetate
Concen: 0.832 ug/l
RT: 4.84 min Scan# 605
Delta R.T. 0.01 min
Lab File: VX008957.D
Acq: 15 Apr 2019 12:45

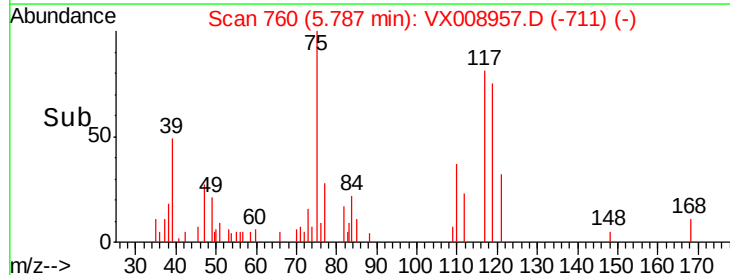
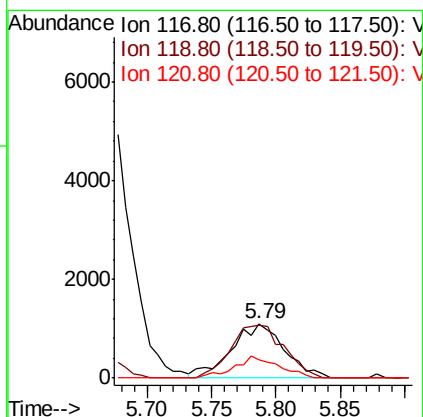
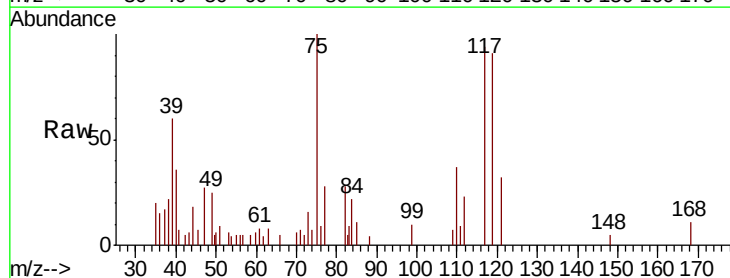
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

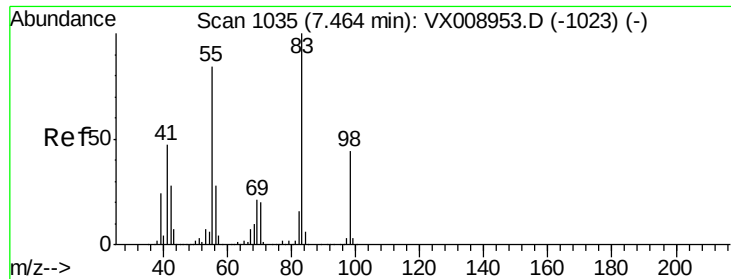
Tot Ion: 43 Resp: 4379
Ion Ratio Lower Upper
43 100
61 15.2 10.6 15.8
70 15.1 7.7 11.5#



#38
Carbon Tetrachloride
Concen: 0.961 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX008957.D
Acq: 15 Apr 2019 12:45

Tgt Ion: 117 Resp: 3157
Ion Ratio Lower Upper
117 100
119 96.4 73.8 110.8
121 33.8 23.6 35.4

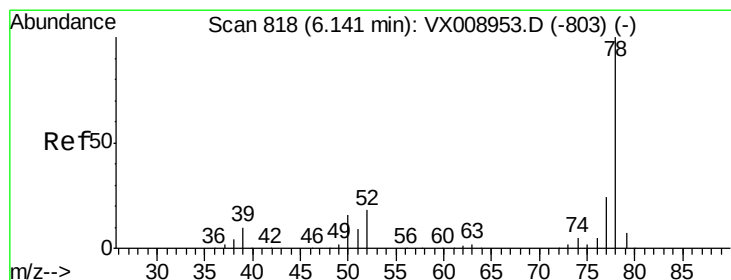
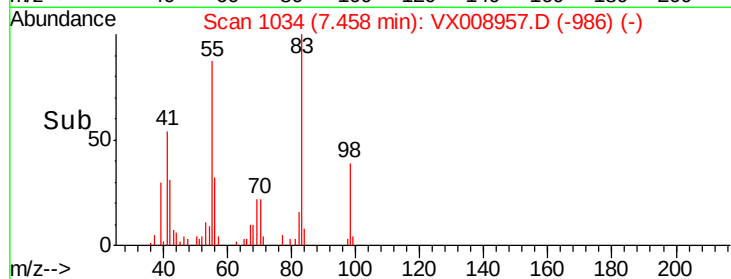
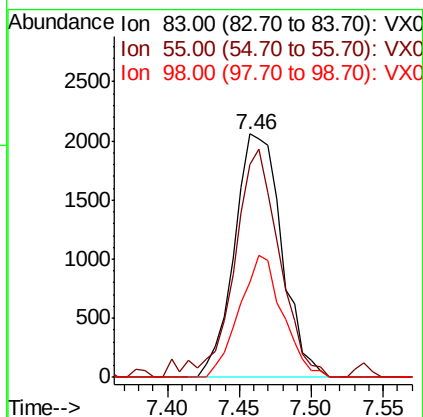
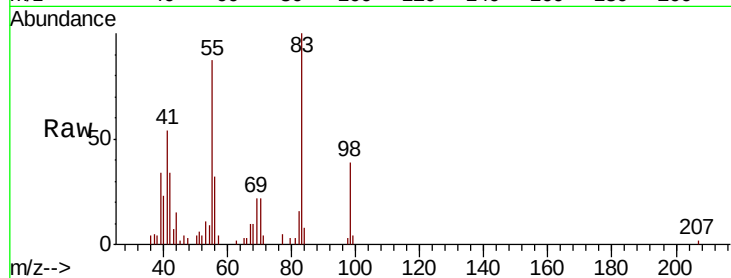




#39
Methylvlcyclohexane
Concen: 0.958 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX008957.D
Acq: 15 Apr 2019 12:45

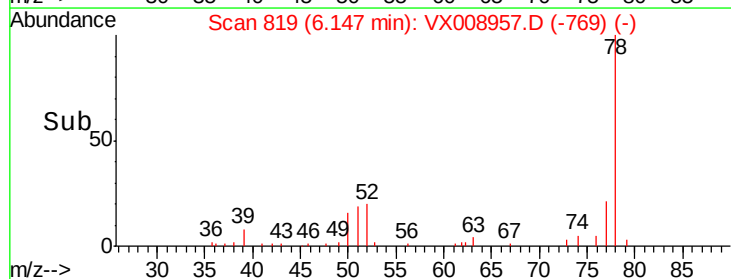
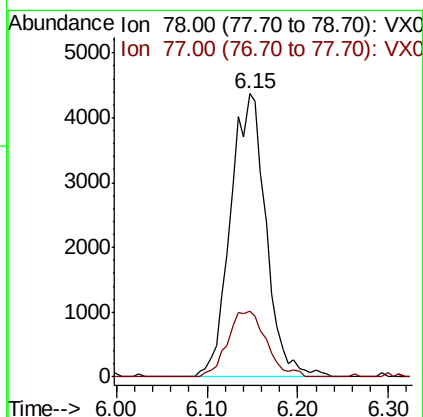
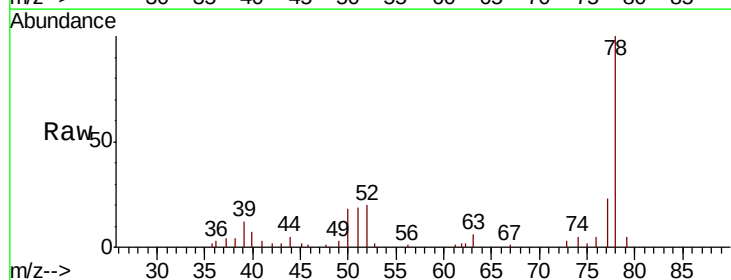
Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

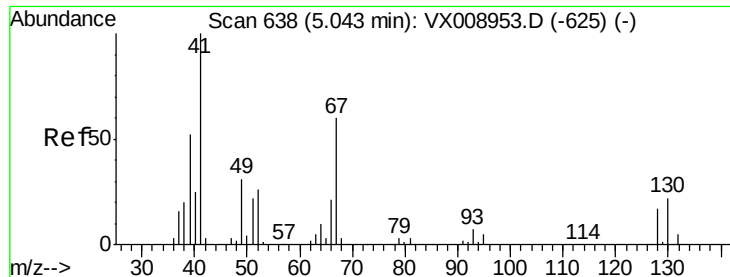
Tot Ion: 83 Resp: 4694
Ion Ratio Lower Upper
83 100
55 87.4 67.1 100.7
98 39.1 35.1 52.7



#40
Benzene
Concen: 1.009 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX008957.D
Acq: 15 Apr 2019 12:45

Tgt Ion: 78 Resp: 11902
Ion Ratio Lower Upper
78 100
77 23.2 19.0 28.6





#41

Methacrylonitrile

Concen: 0.929 ug/l

RT: 5.05 min Scan# 639

Delta R.T. 0.01 min

Lab File: VX008957.D

Acq: 15 Apr 2019 12:45

Instrument :

MSVOA_X

ClientSampleID :

VSTDIC001

Tot Ion: 41 Resp: 2820

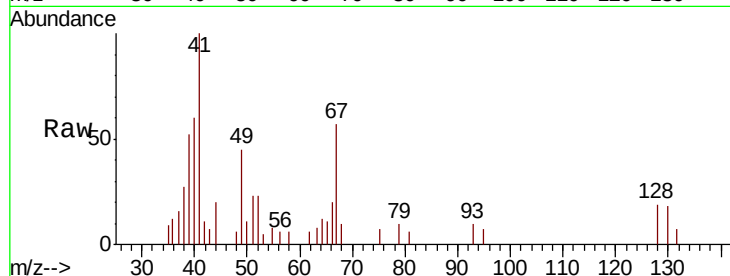
Ion Ratio Lower Upper

41 100

39 66.7 41.8 62.6#

67 74.0 50.2 75.4

52 11.6 21.1 31.7#

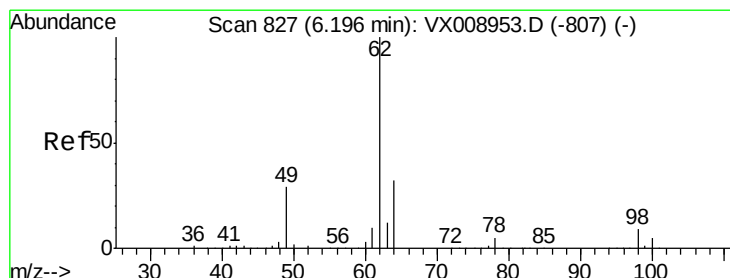
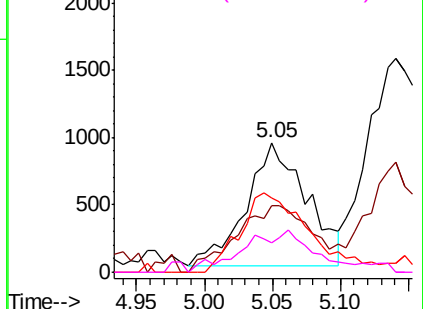
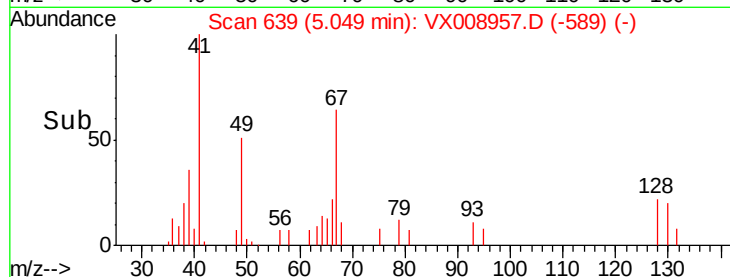


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 1.041 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX008957.D

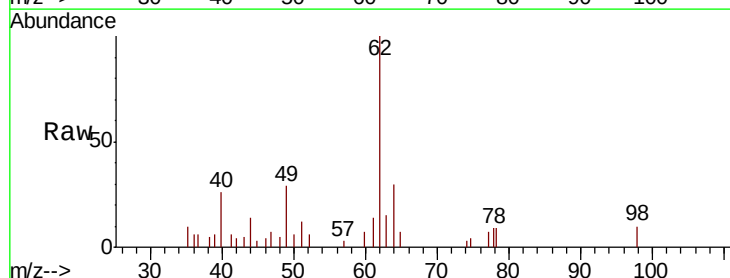
Acq: 15 Apr 2019 12:45

Tgt Ion: 62 Resp: 4400

Ion Ratio Lower Upper

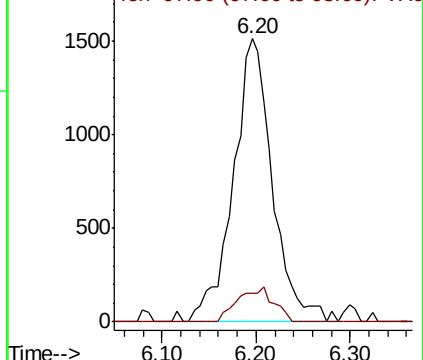
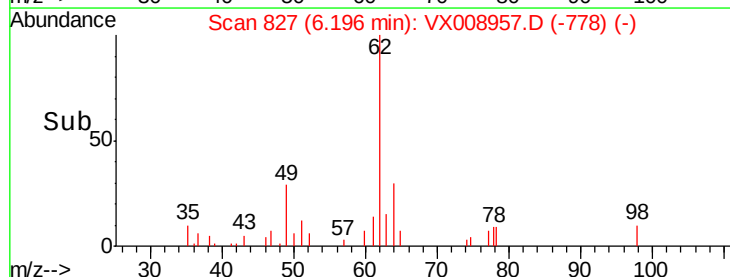
62 100

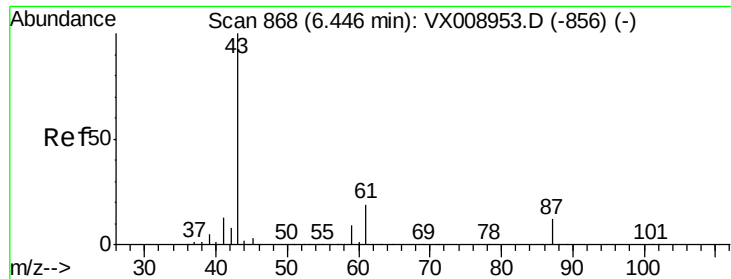
98 11.1 0.0 18.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 0.970 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX008957.D

Acq: 15 Apr 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

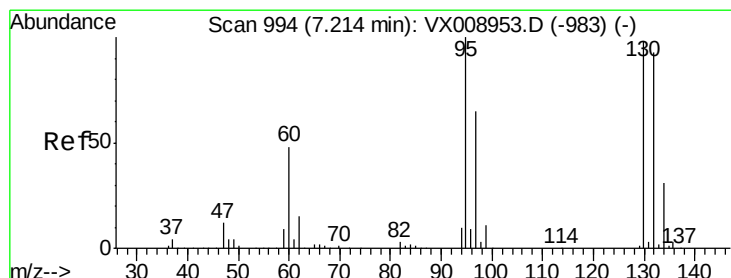
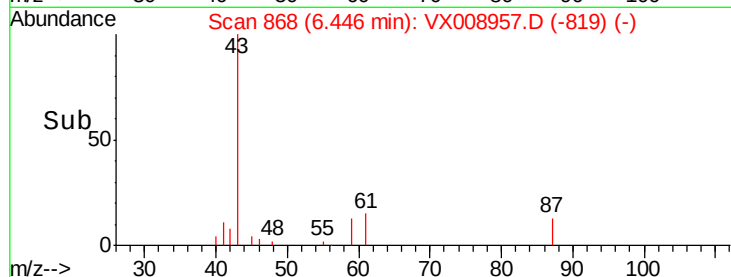
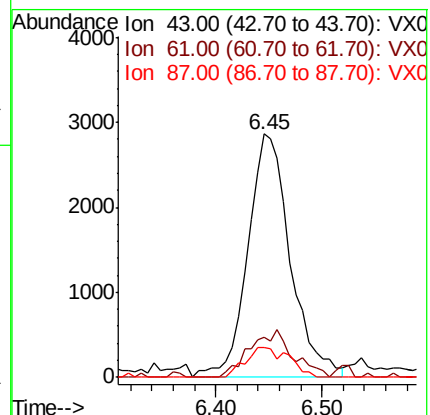
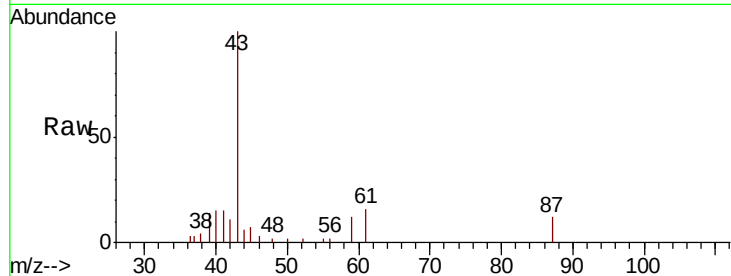
Tot Ion: 43 Resp: 8019

Ion Ratio Lower Upper

43 100

61 19.8 15.4 23.0

87 12.6 9.0 13.4



#44

Trichloroethene

Concen: 1.114 ug/l

RT: 7.22 min Scan# 995

Delta R.T. 0.01 min

Lab File: VX008957.D

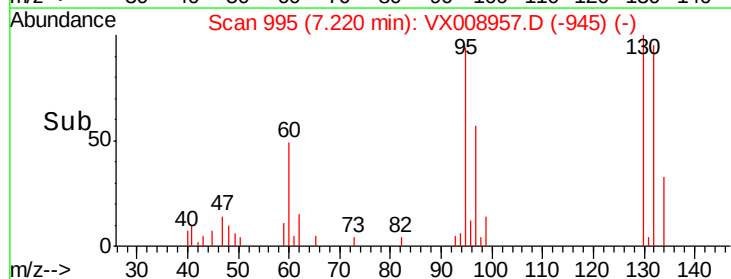
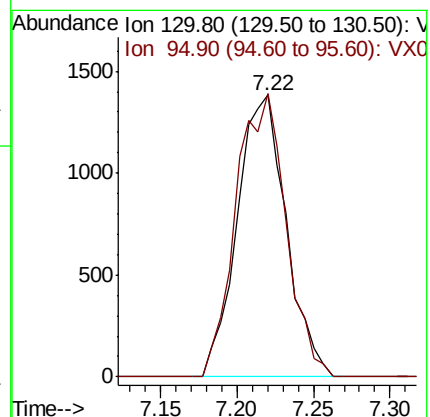
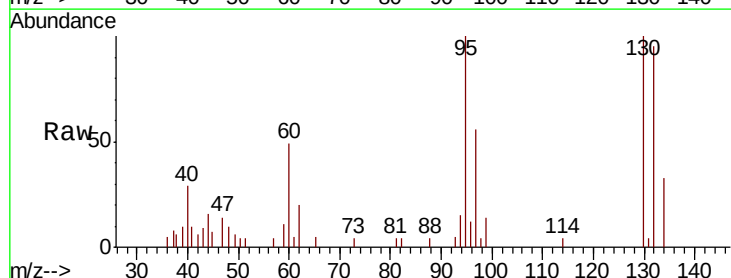
Acq: 15 Apr 2019 12:45

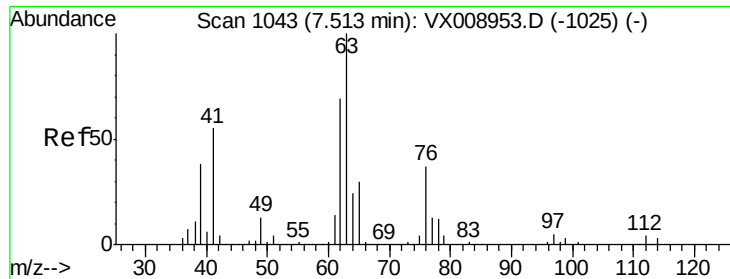
Tgt Ion:130 Resp: 3078

Ion Ratio Lower Upper

130 100

95 100.4 0.0 203.2

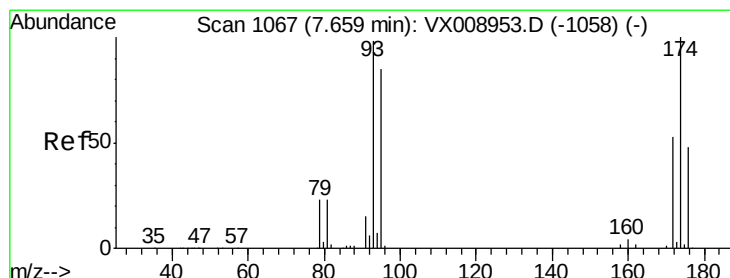
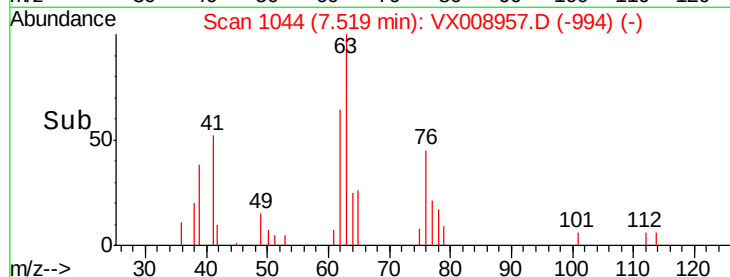
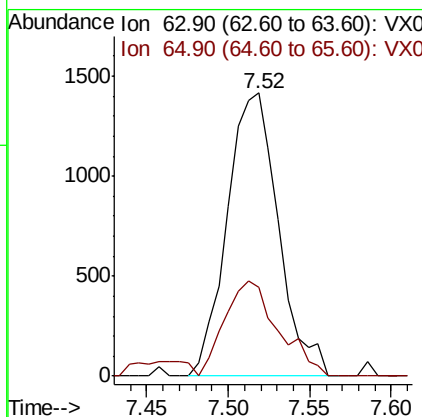
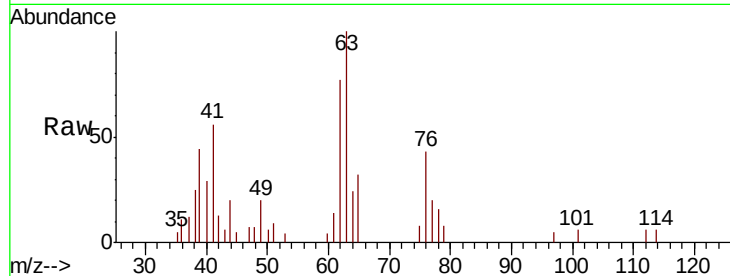




#45
 1,2-Dichloropropane
 Concen: 0.925 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.01 min
 Lab File: VX008957.D
 Acq: 15 Apr 2019 12:45

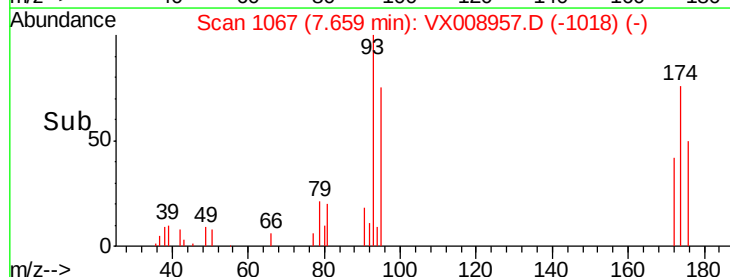
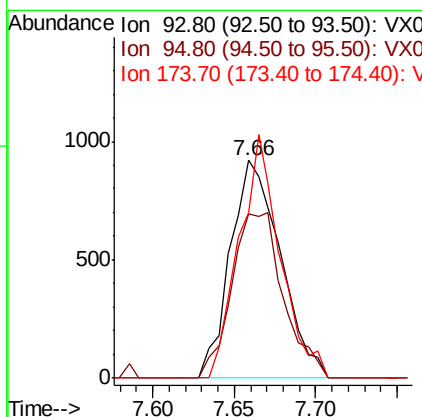
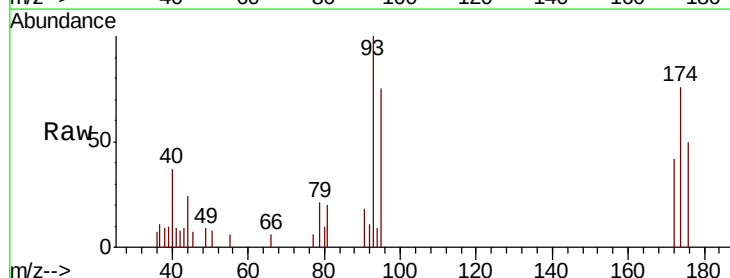
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

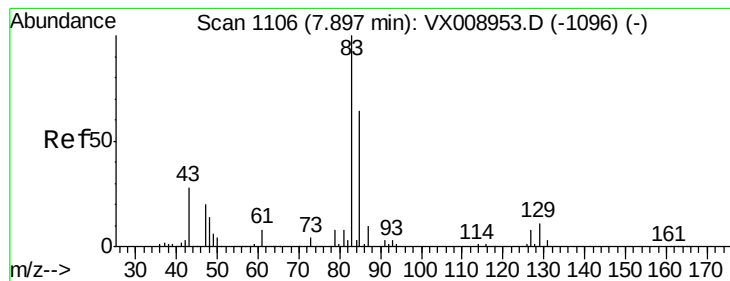
Tot Ion: 63 Resp: 3103
 Ion Ratio Lower Upper
 63 100
 65 31.5 24.1 36.1



#46
 Dibromomethane
 Concen: 1.004 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX008957.D
 Acq: 15 Apr 2019 12:45

Tgt Ion: 93 Resp: 1960
 Ion Ratio Lower Upper
 93 100
 95 78.2 67.0 100.4
 174 91.9 81.6 122.4





#47

Bromodichloromethane

Concen: 0.985 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008957.D

Acq: 15 Apr 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

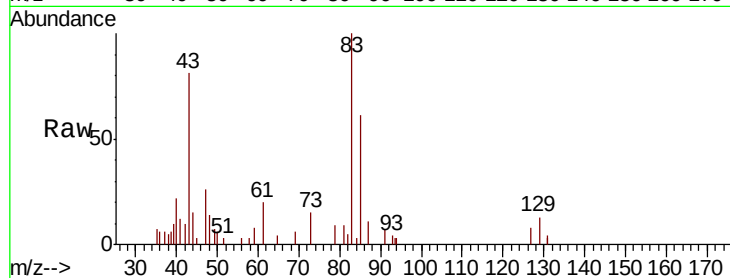
Tot Ion: 83 Resp: 3627

Ion Ratio Lower Upper

83 100

85 61.1 50.8 76.2

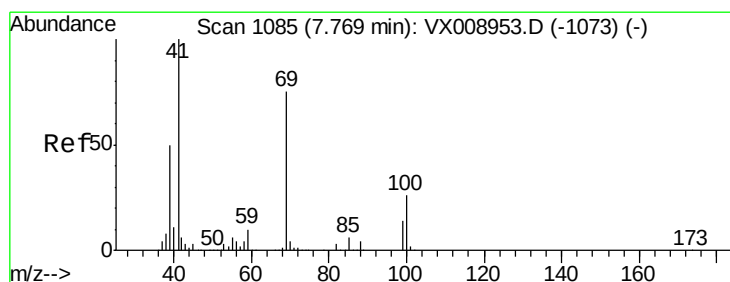
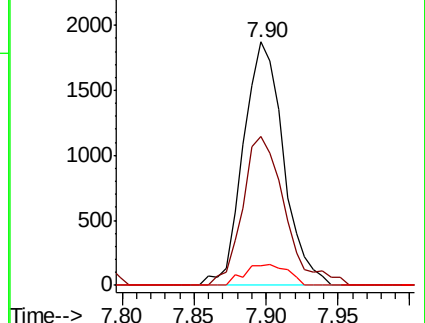
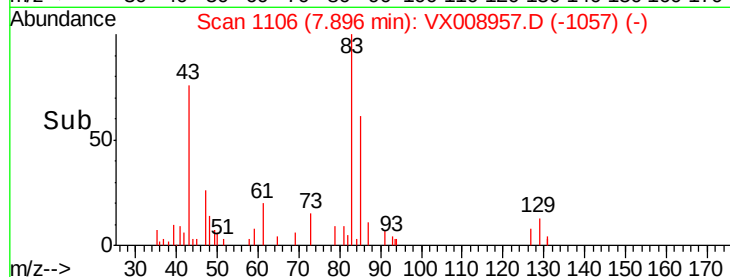
127 7.8 6.4 9.6



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: 0.914 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.01 min

Lab File: VX008957.D

Acq: 15 Apr 2019 12:45

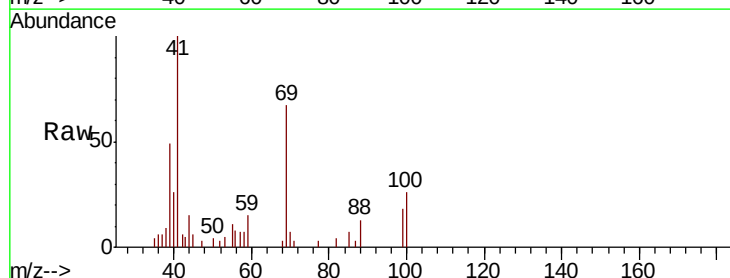
Tgt Ion: 41 Resp: 3813

Ion Ratio Lower Upper

41 100

69 73.5 59.4 89.2

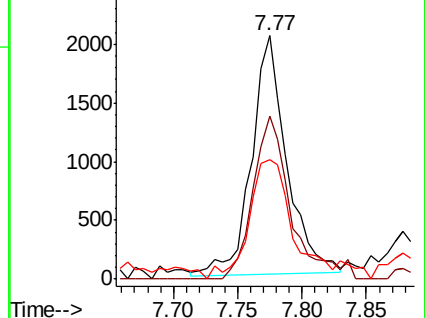
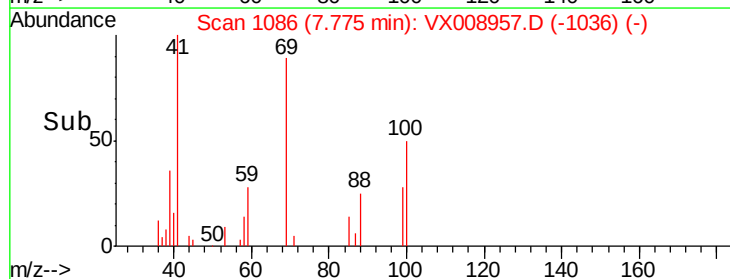
39 61.3 39.8 59.6#

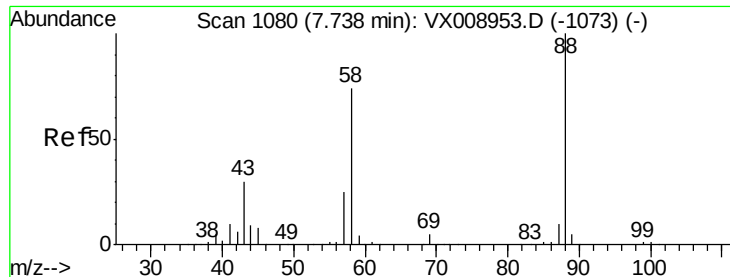


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

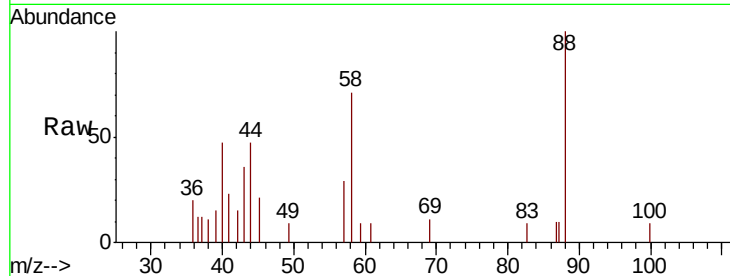




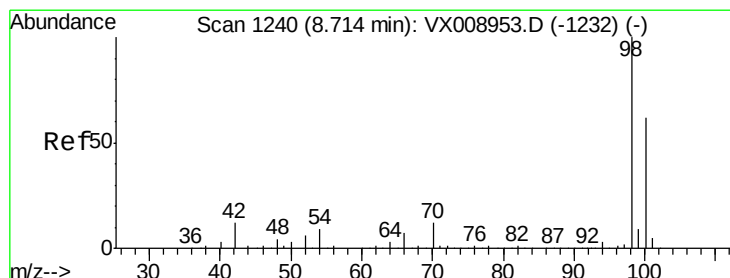
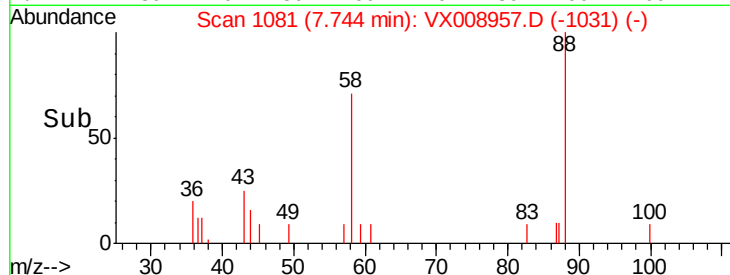
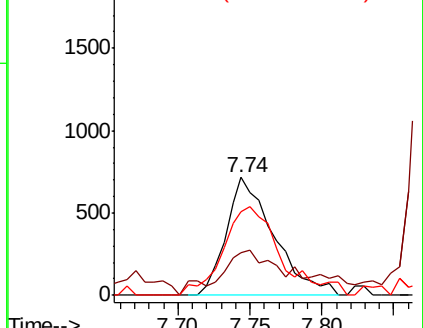
#49
1,4-Dioxane
Concen: 21.252 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VX008957.D
Acq: 15 Apr 2019 12:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 88 Resp: 1649
Ion Ratio Lower Upper
88 100
43 51.5 29.3 43.9#
58 90.2 62.6 93.8

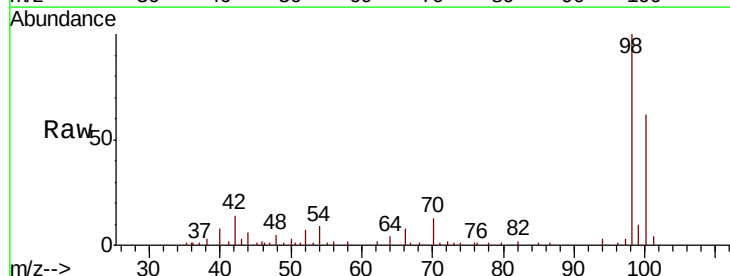


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

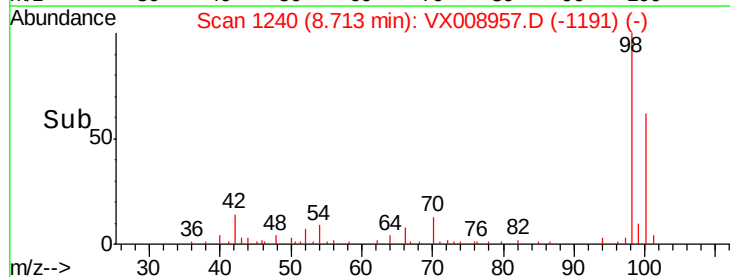
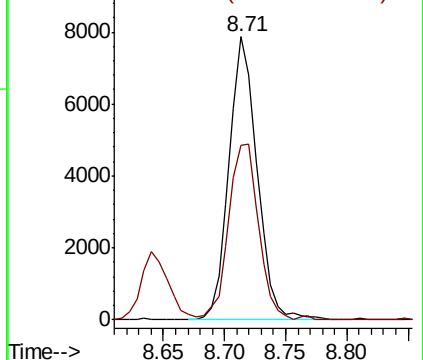


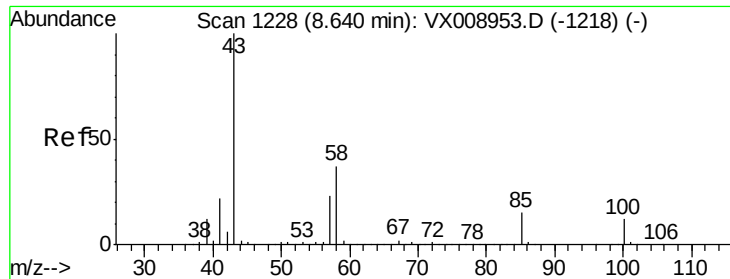
#50
Toluene-d8
Concen: 1.345 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008957.D
Acq: 15 Apr 2019 12:45

Tgt Ion: 98 Resp: 12526
Ion Ratio Lower Upper
98 100
100 65.9 51.4 77.2



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





#51

4-Methyl-2-Pentanone

Concen: 4.876 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX008957.D

Acq: 15 Apr 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

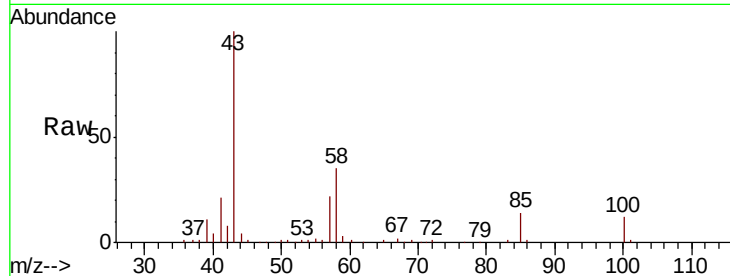
VSTDIC001

Tot Ion: 43 Resp: 25898

Ion Ratio Lower Upper

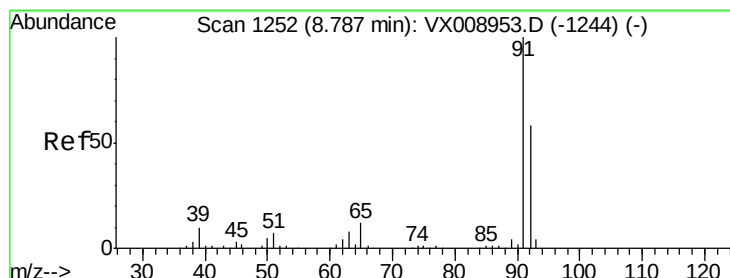
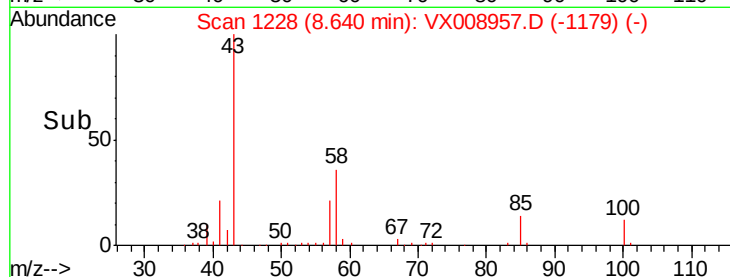
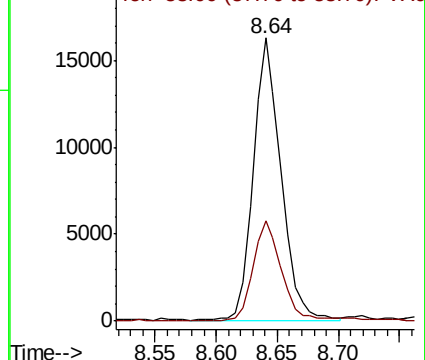
43 100

58 37.6 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 1.046 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX008957.D

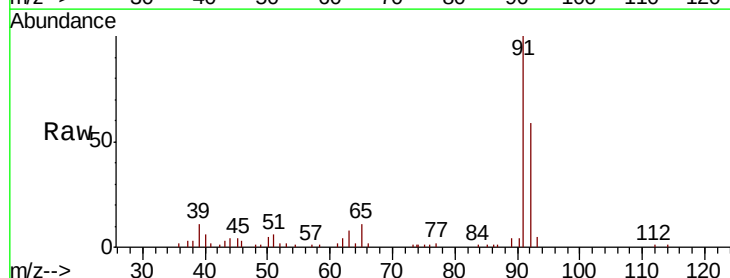
Acq: 15 Apr 2019 12:45

Tgt Ion: 92 Resp: 7275

Ion Ratio Lower Upper

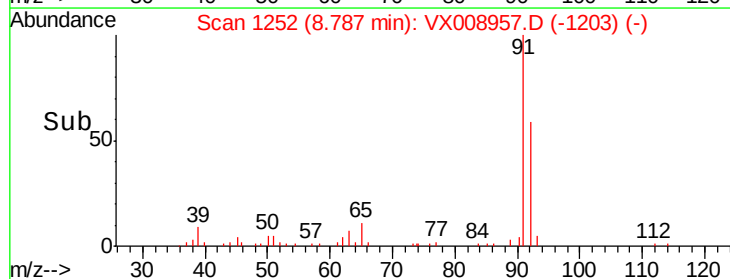
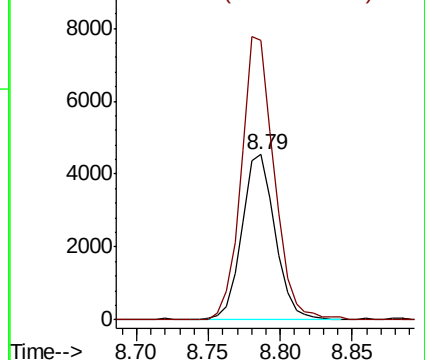
92 100

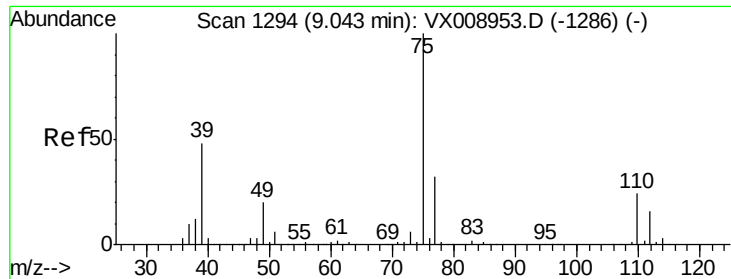
91 168.5 138.5 207.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

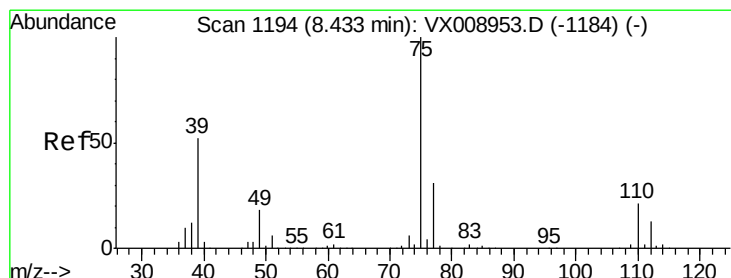
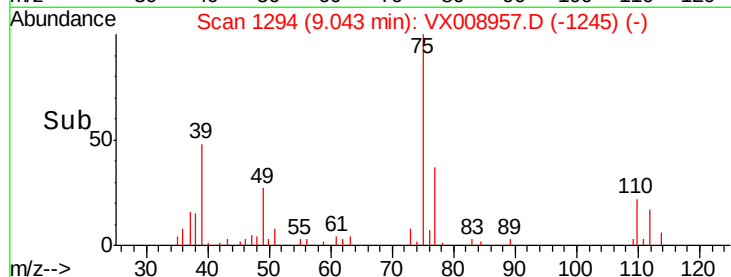
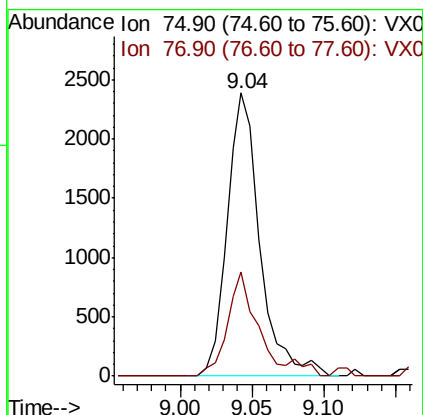
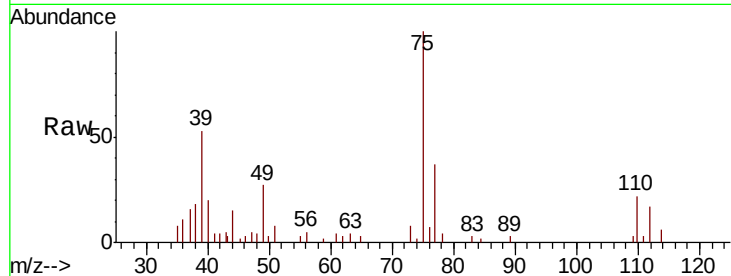




#53
 t-1,3-Dichloropropene
 Concen: 0.916 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX008957.D
 Acq: 15 Apr 2019 12:45

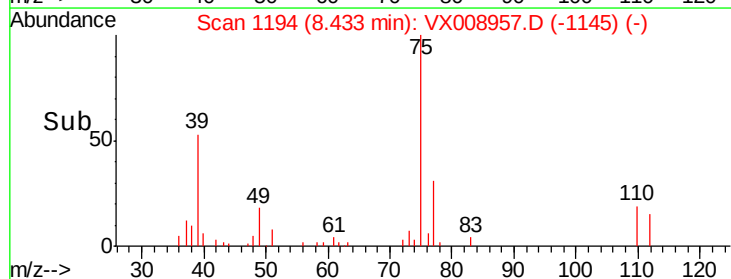
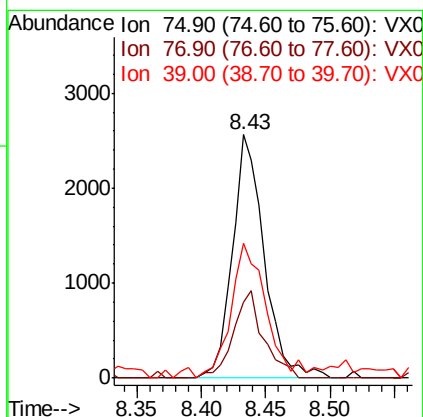
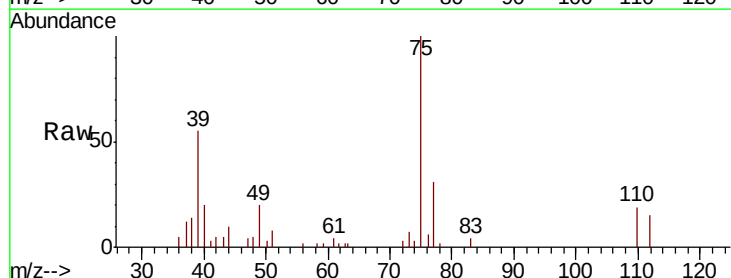
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

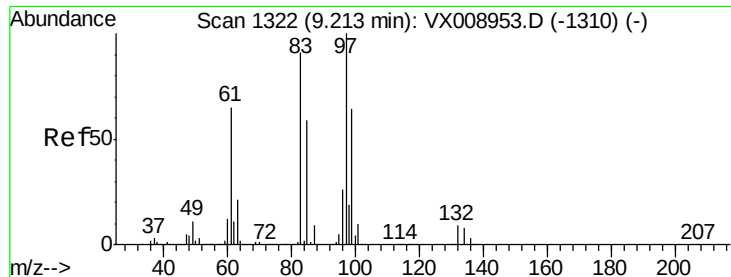
Tot Ion: 75 Resp: 3794
 Ion Ratio Lower Upper
 75 100
 77 36.6 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 0.929 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX008957.D
 Acq: 15 Apr 2019 12:45

Tgt Ion: 75 Resp: 4386
 Ion Ratio Lower Upper
 75 100
 77 31.2 24.8 37.2
 39 51.0 41.8 62.6

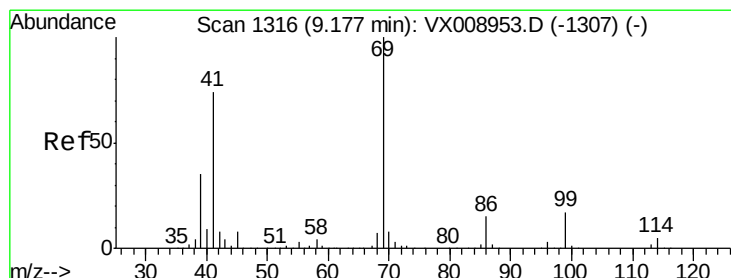
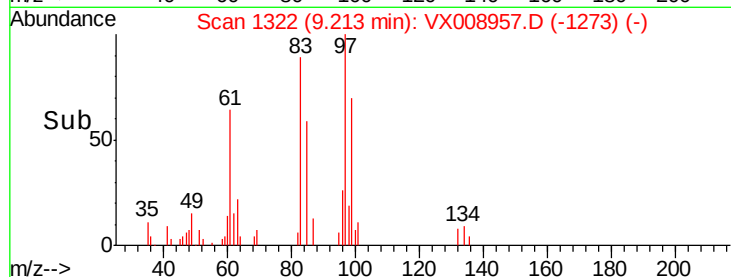
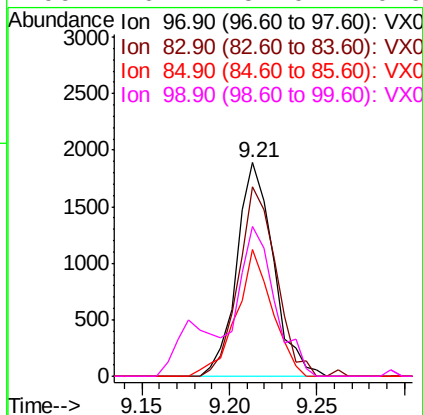
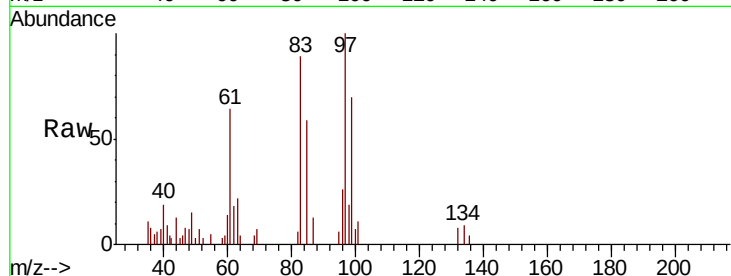




#55
 1,1,2-Trichloroethane
 Concen: 0.986 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008957.D
 Acq: 15 Apr 2019 12:45

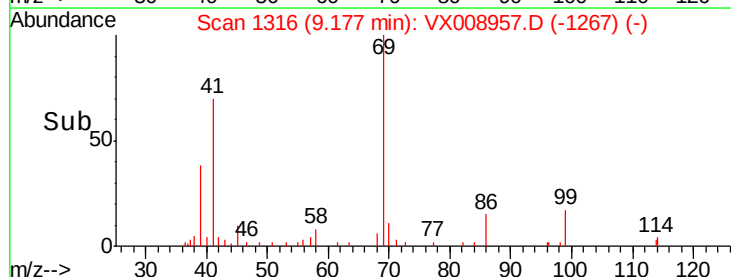
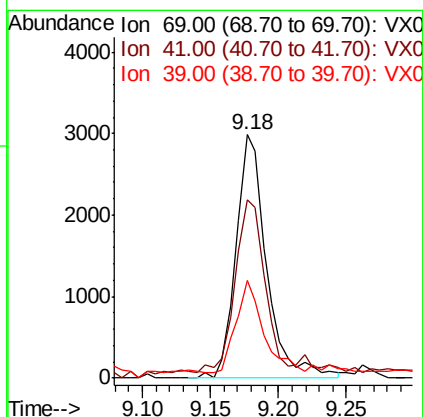
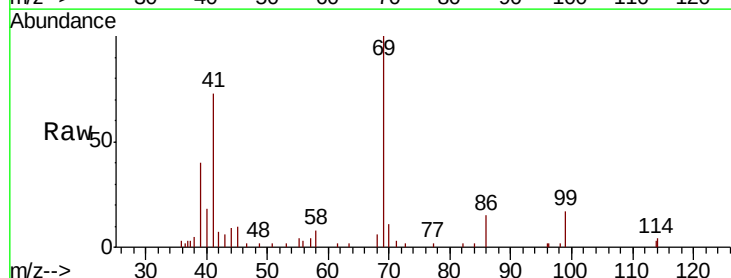
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

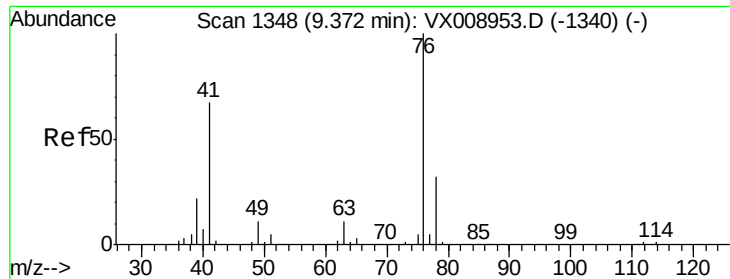
Tot Ion:	97	Resp:	2754
Ion	Ratio	Lower	Upper
97	100		
83	88.9	72.6	108.8
85	59.2	46.9	70.3
99	70.1	51.0	76.6



#56
 Ethyl methacrylate
 Concen: 0.927 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008957.D
 Acq: 15 Apr 2019 12:45

Tgt Ion:	69	Resp:	4670
Ion	Ratio	Lower	Upper
69	100		
41	78.3	60.2	90.2
39	33.8	27.9	41.9

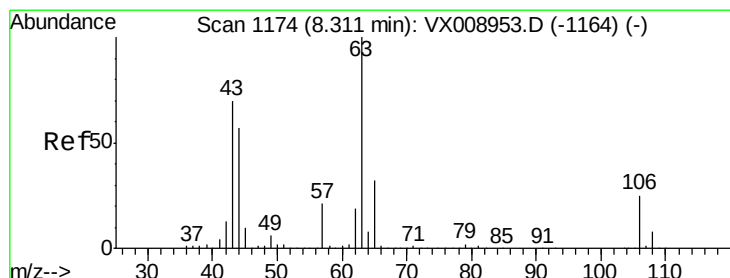
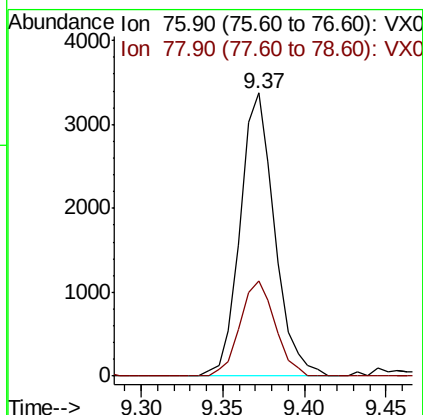
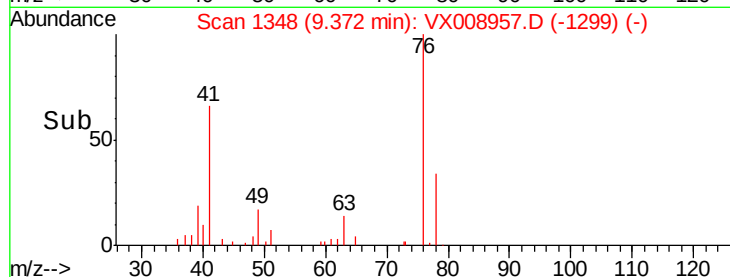
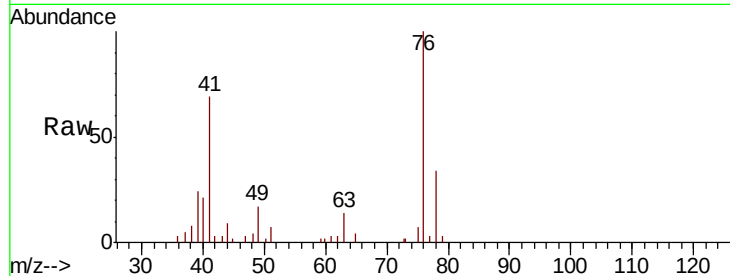




#57
 1,3-Dichloropropane
 Concen: 0.995 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX008957.D
 Acq: 15 Apr 2019 12:45

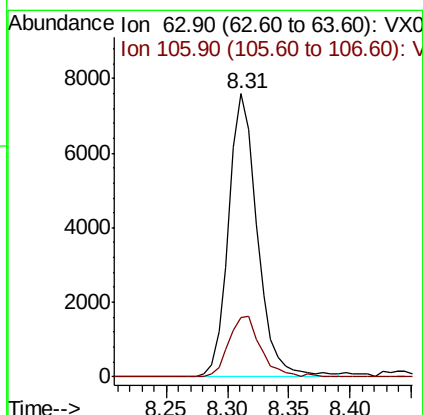
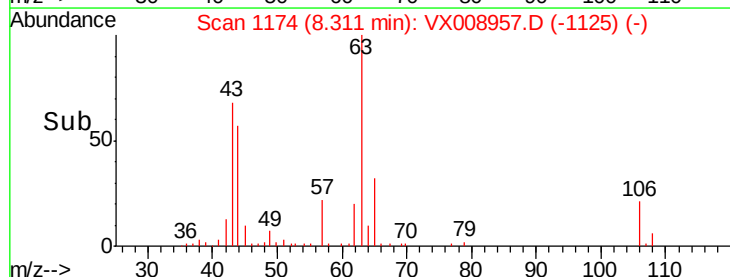
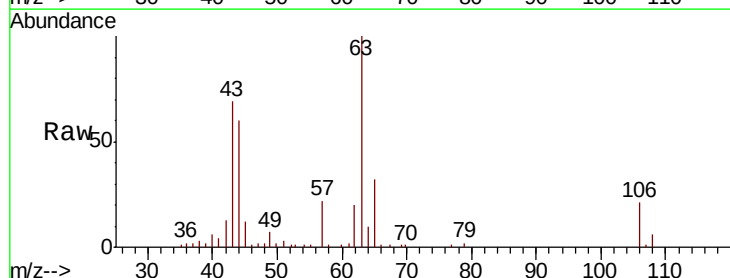
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

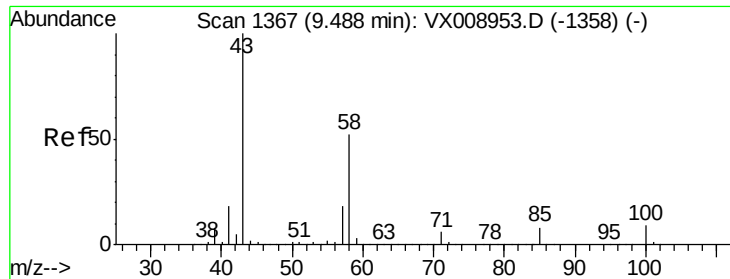
Tot Ion: 76 Resp: 4980
 Ion Ratio Lower Upper
 76 100
 78 34.3 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 4.760 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX008957.D
 Acq: 15 Apr 2019 12:45

Tgt Ion: 63 Resp: 12360
 Ion Ratio Lower Upper
 63 100
 106 23.2 19.8 29.6

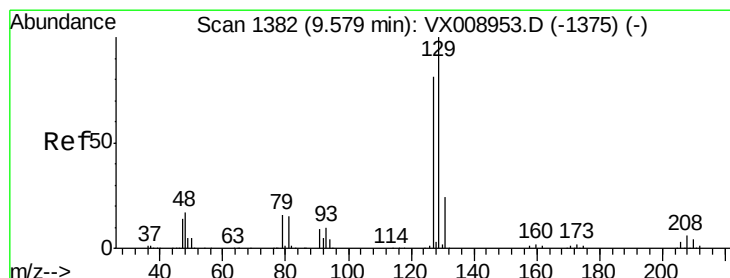
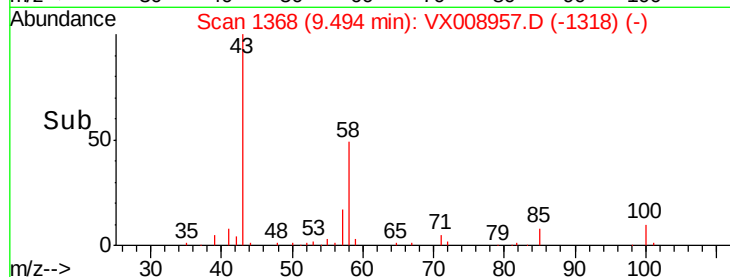
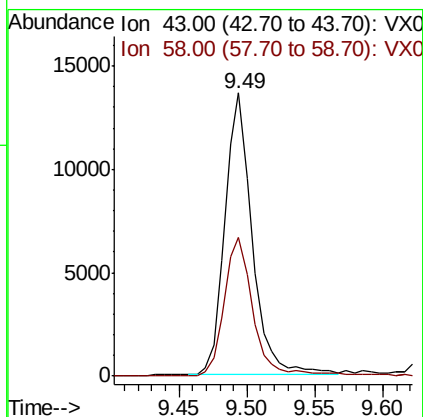
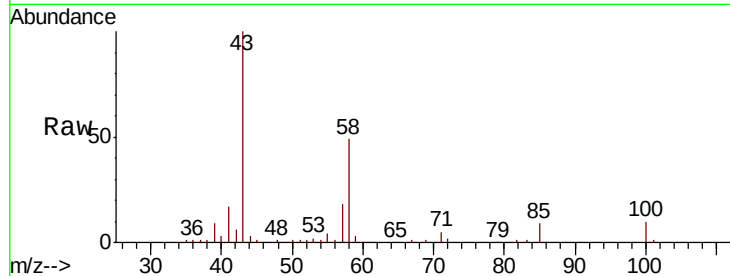




#59
2-Hexanone
Concen: 4.617 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.01 min
Lab File: VX008957.D
Acq: 15 Apr 2019 12:45

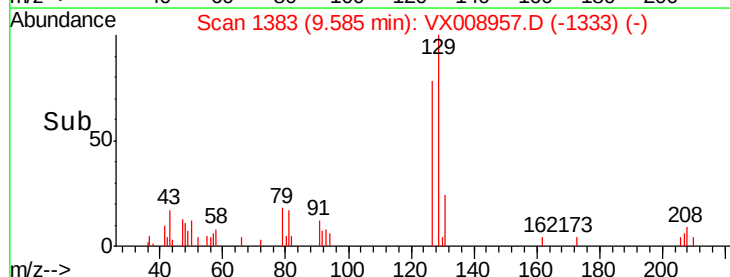
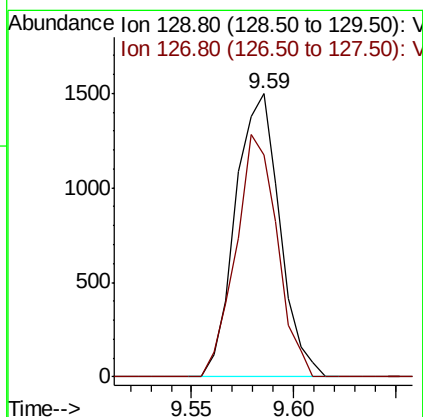
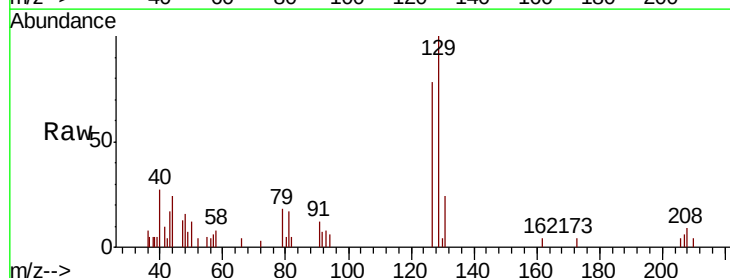
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

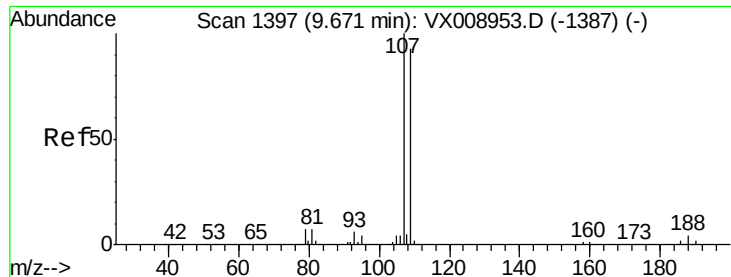
Tot Ion: 43 Resp: 19066
Ion Ratio Lower Upper
43 100
58 52.2 25.9 77.8



#60
Dibromochloromethane
Concen: 0.854 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX008957.D
Acq: 15 Apr 2019 12:45

Tgt Ion: 129 Resp: 2251
Ion Ratio Lower Upper
129 100
127 80.3 39.1 117.2





#61

1,2-Dibromoethane

Concen: 0.990 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008957.D

Acq: 15 Apr 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

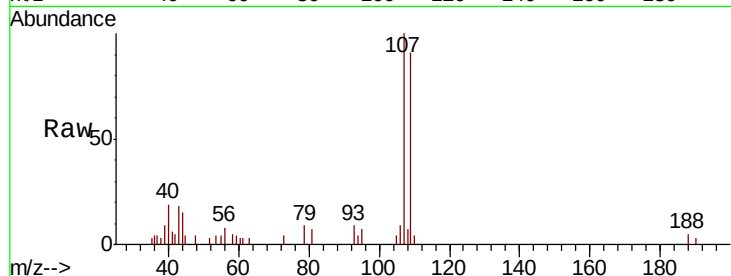
VSTDIC001

Tot Ion:107 Resp: 2877

Ion Ratio Lower Upper

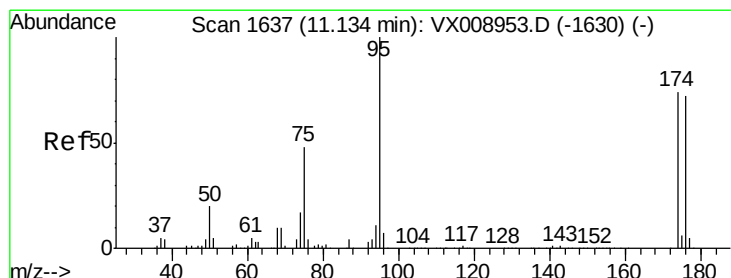
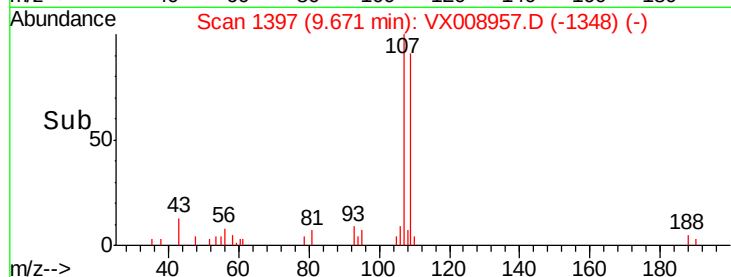
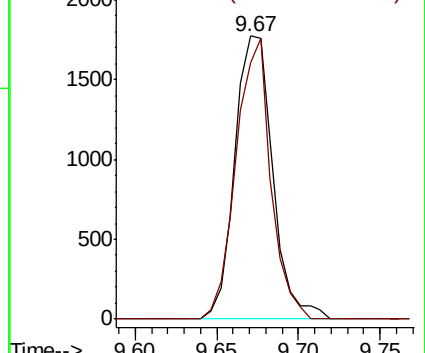
107 100

109 90.2 74.4 111.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 1.397 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VX008957.D

Acq: 15 Apr 2019 12:45

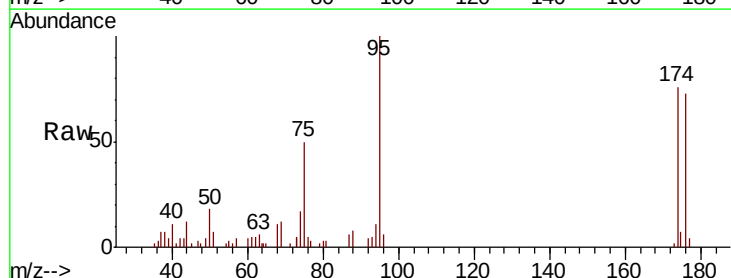
Tgt Ion: 95 Resp: 4611

Ion Ratio Lower Upper

95 100

174 71.0 0.0 159.6

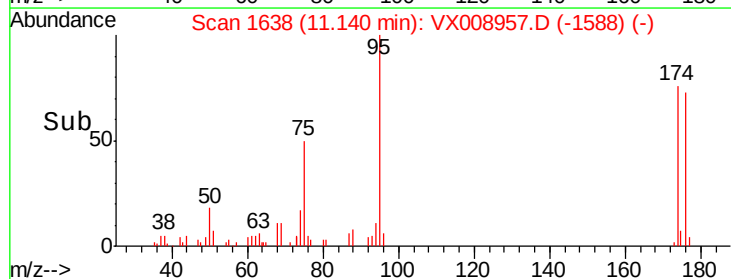
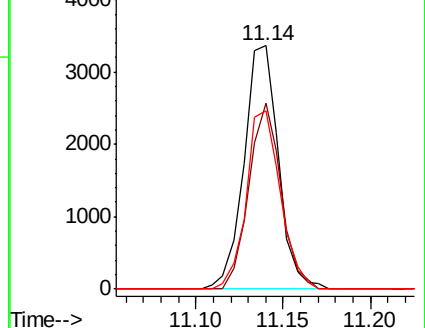
176 72.4 0.0 154.8

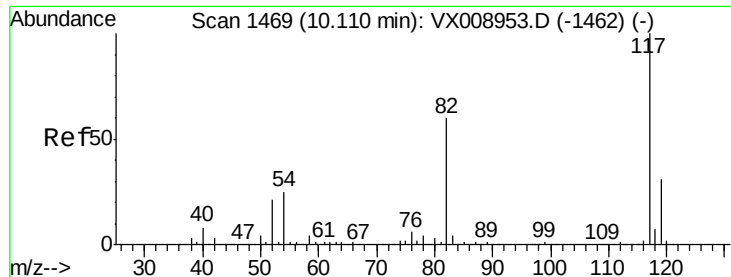


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

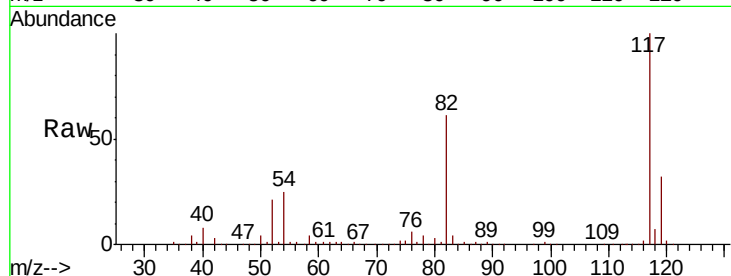




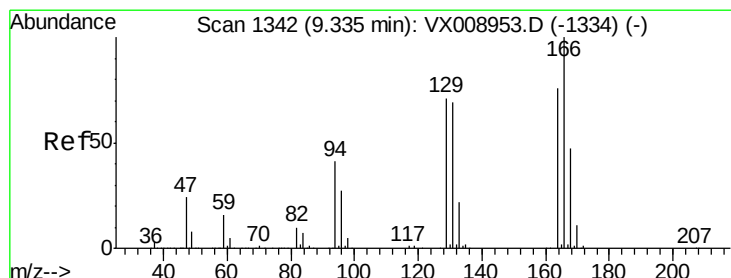
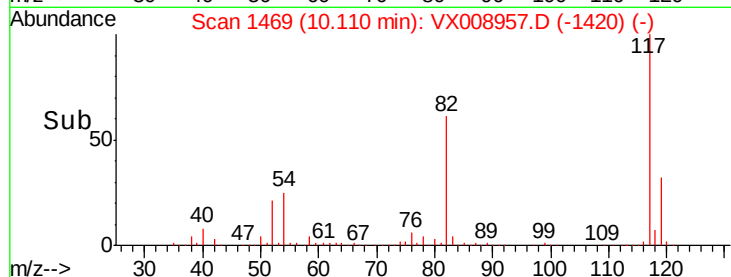
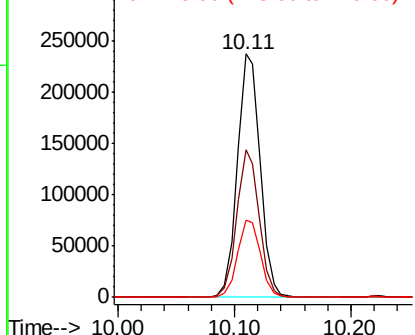
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008957.D
Acq: 15 Apr 2019 12:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:117 Resp: 322836
Ion Ratio Lower Upper
117 100
82 60.8 48.2 72.4
119 31.6 25.0 37.6

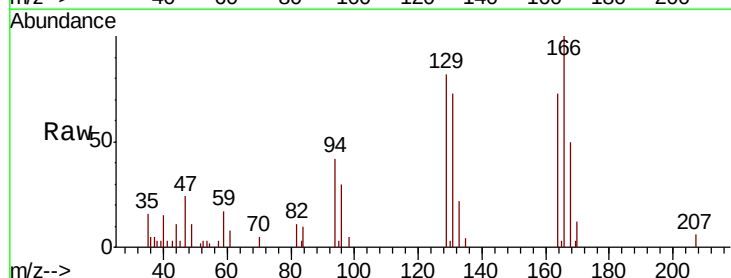


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

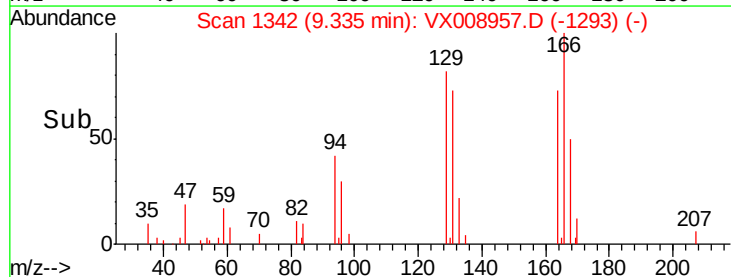
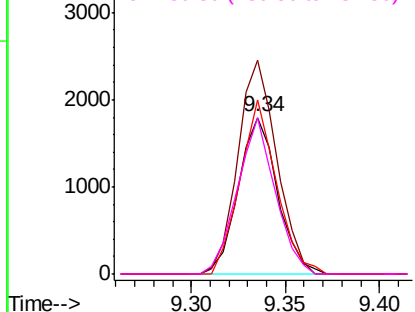


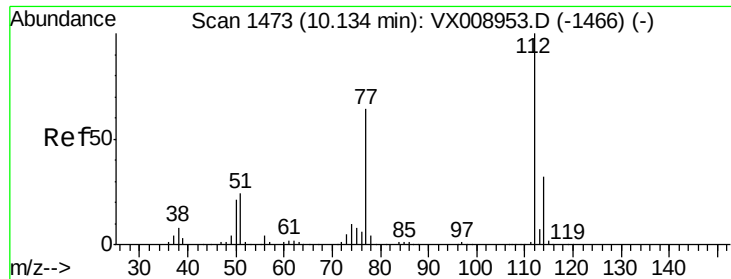
#64
Tetrachloroethene
Concen: 1.090 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008957.D
Acq: 15 Apr 2019 12:45

Tgt Ion:164 Resp: 2595
Ion Ratio Lower Upper
164 100
166 136.3 105.0 157.4
129 111.2 74.2 111.4
131 99.6 72.2 108.2



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

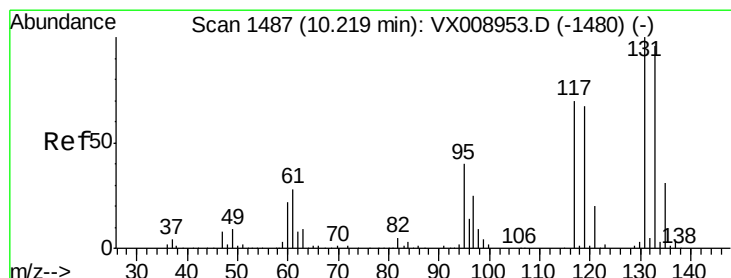
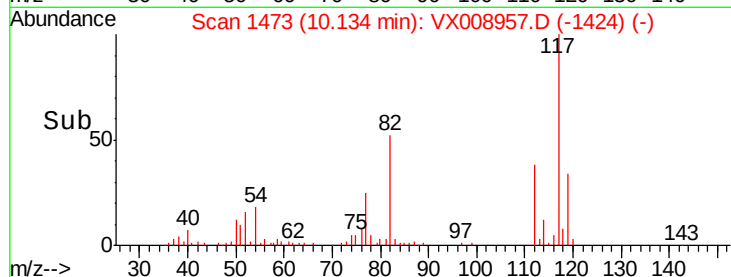
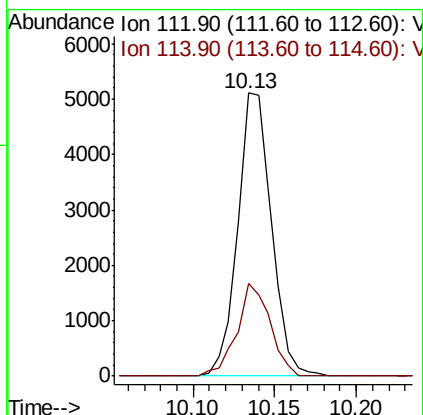
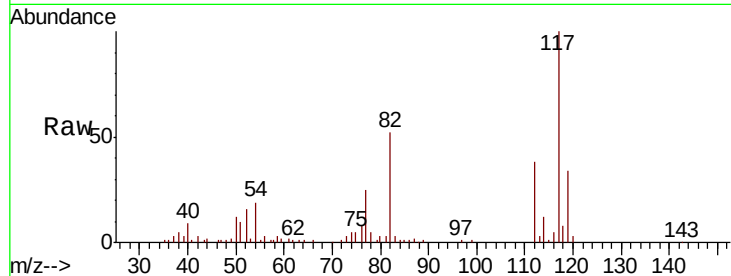




#65
Chlorobenzene
Concen: 1.047 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX008957.D
Acq: 15 Apr 2019 12:45

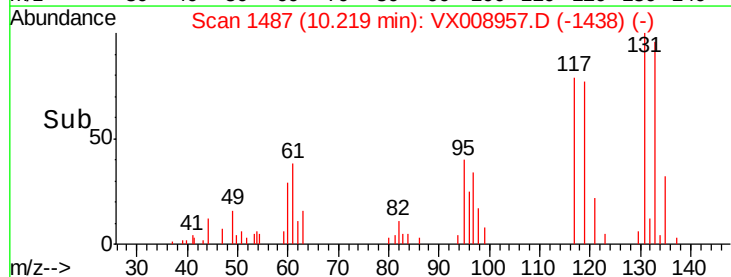
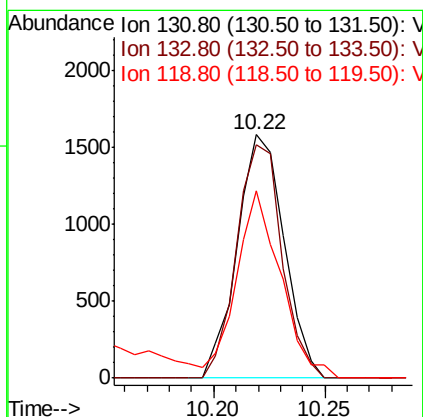
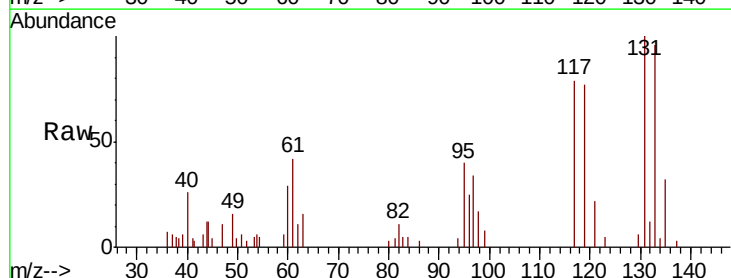
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

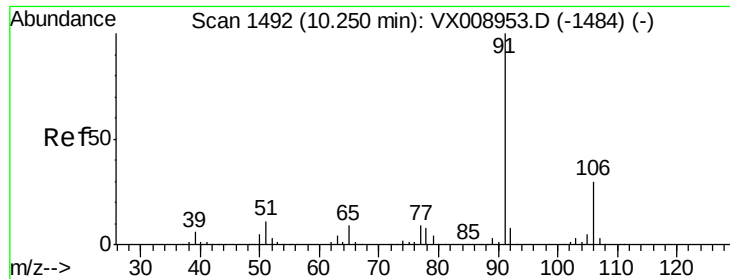
Tot Ion:112 Resp: 7365
Ion Ratio Lower Upper
112 100
114 32.9 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 0.947 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX008957.D
Acq: 15 Apr 2019 12:45

Tgt Ion:131 Resp: 2335
Ion Ratio Lower Upper
131 100
133 92.5 48.0 144.2
119 0.0 33.7 101.1#

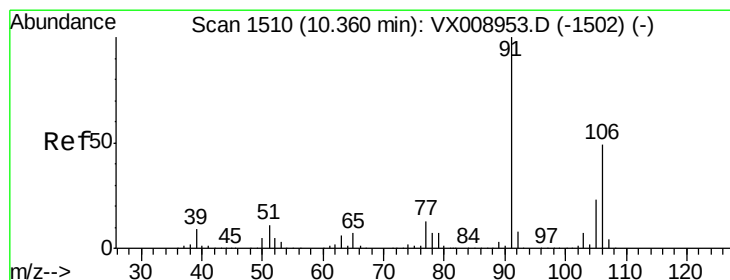
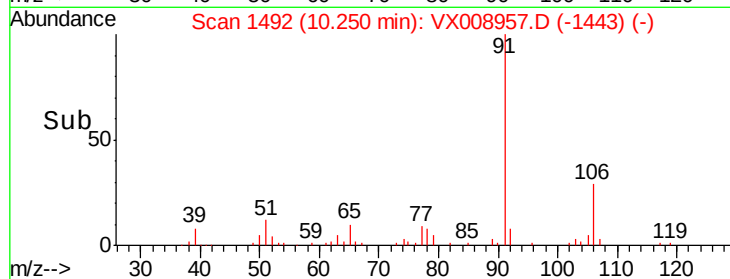
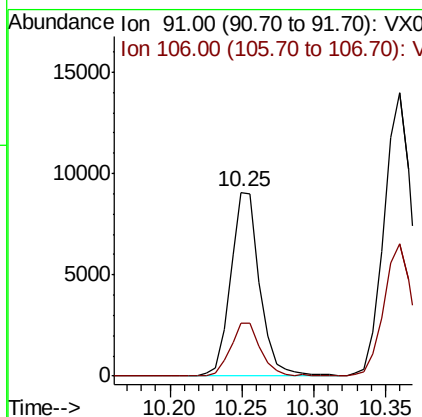
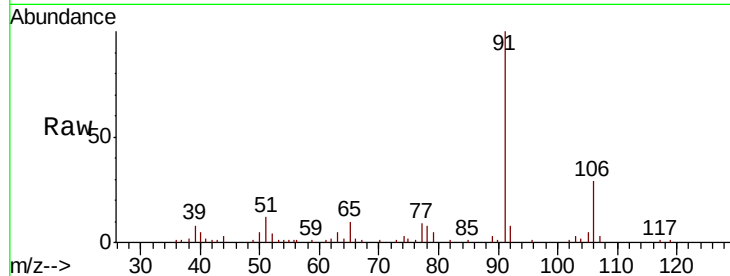




#67
Ethyl Benzene
Concen: 0.979 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX008957.D
Acq: 15 Apr 2019 12:45

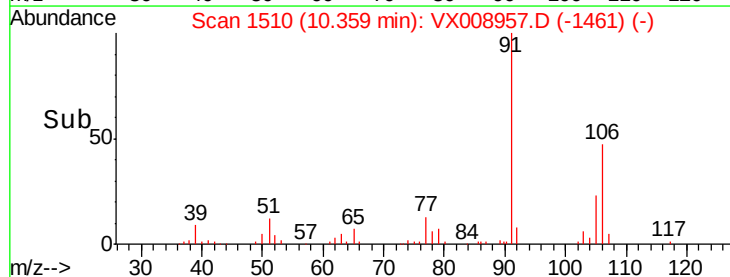
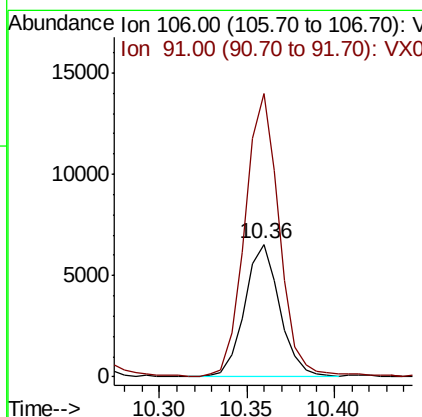
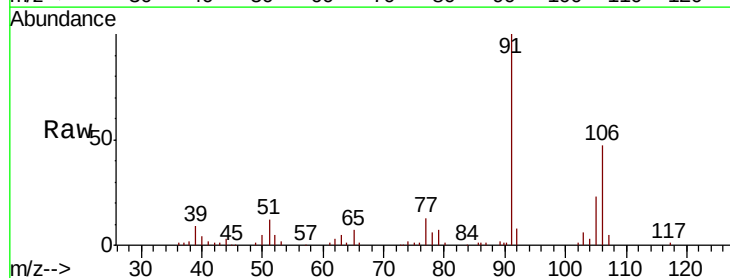
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

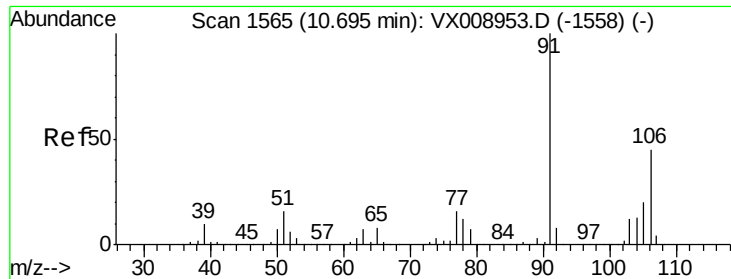
Tot Ion: 91 Resp: 12809
Ion Ratio Lower Upper
91 100
106 29.0 24.3 36.5



#68
m/p-Xylenes
Concen: 1.946 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008957.D
Acq: 15 Apr 2019 12:45

Tgt Ion: 106 Resp: 9163
Ion Ratio Lower Upper
106 100
91 210.3 165.4 248.2

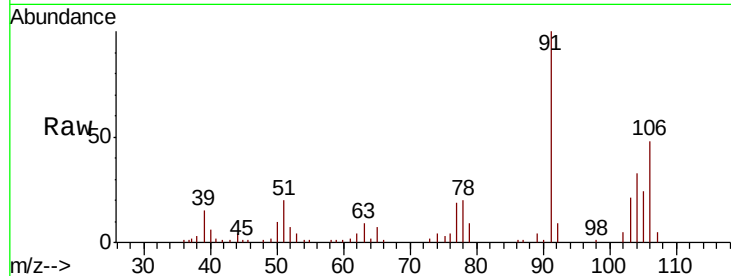




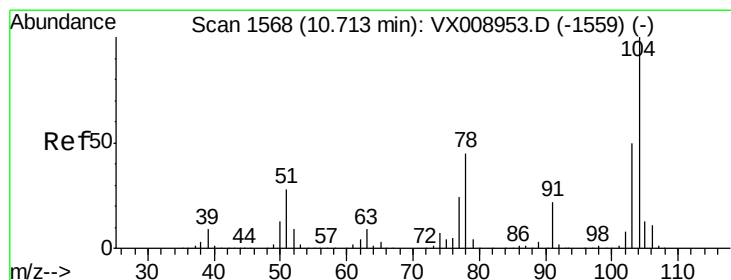
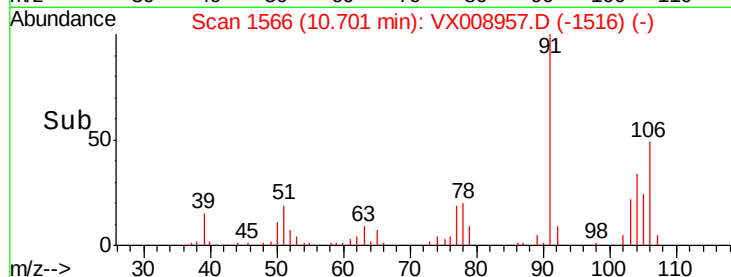
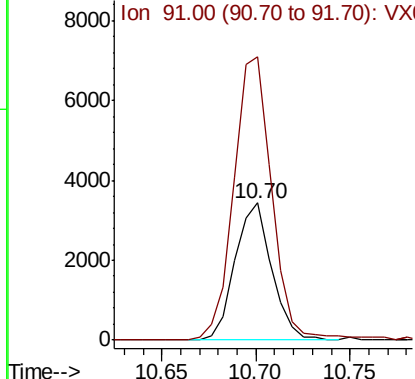
#69
o-Xylene
Concen: 1.017 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX008957.D
Acq: 15 Apr 2019 12:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:106 Resp: 4643
Ion Ratio Lower Upper
106 100
91 215.3 108.9 326.7

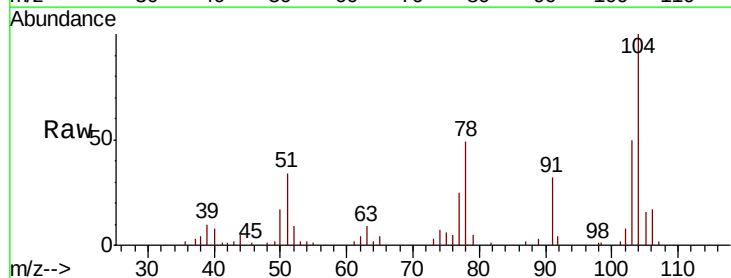


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

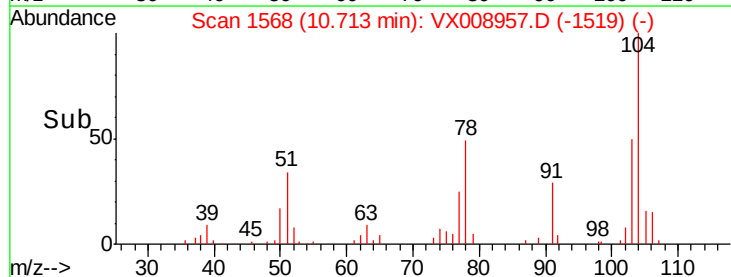
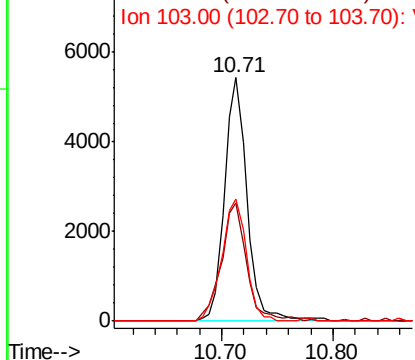


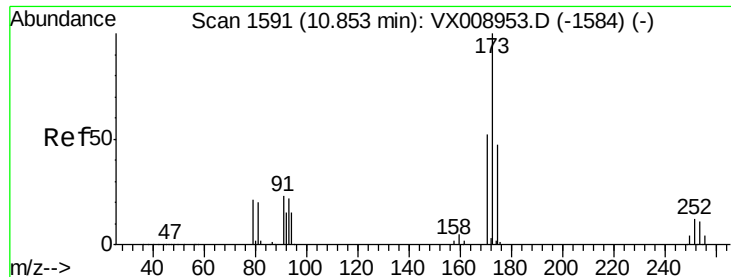
#70
Styrene
Concen: 0.970 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008957.D
Acq: 15 Apr 2019 12:45

Tgt Ion:104 Resp: 7636
Ion Ratio Lower Upper
104 100
78 54.5 41.2 61.8
103 54.5 43.9 65.9



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





#71

Bromoform

Concen: 0.929 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.01 min

Lab File: VX008957.D

Acq: 15 Apr 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

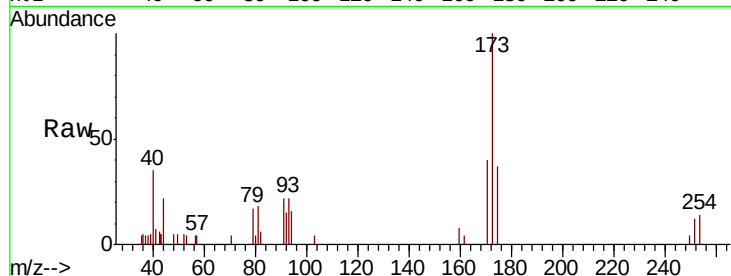
Tot Ion:173 Resp: 1758

Ion Ratio Lower Upper

173 100

175 41.0 23.9 71.8

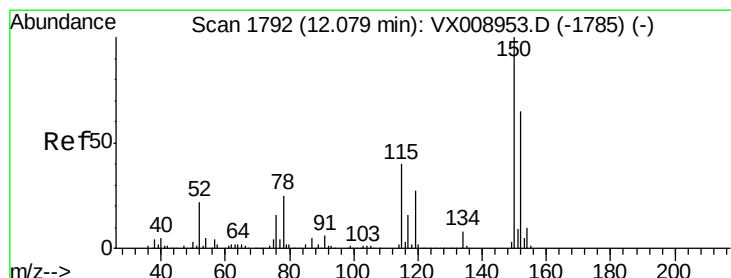
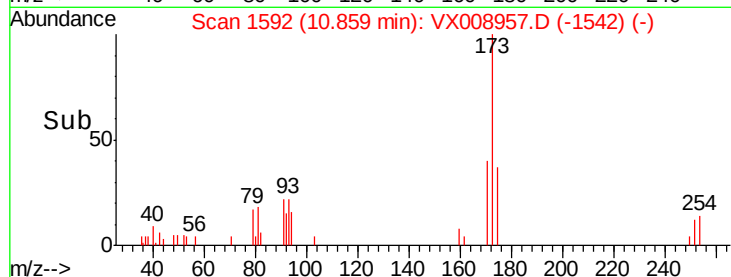
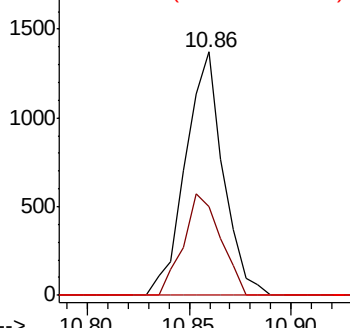
254 0.0 0.2 0.4#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008957.D

Acq: 15 Apr 2019 12:45

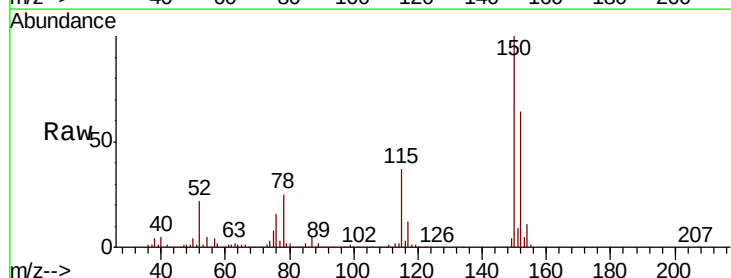
Tgt Ion:152 Resp: 143721

Ion Ratio Lower Upper

152 100

115 59.1 41.4 124.2

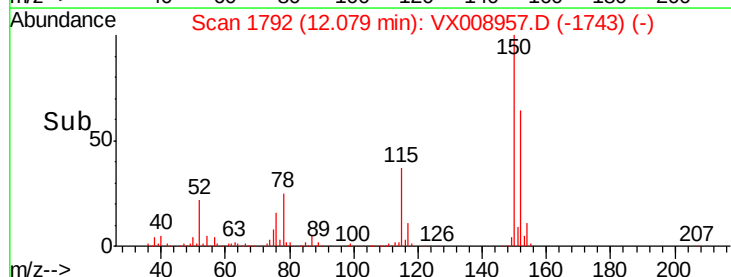
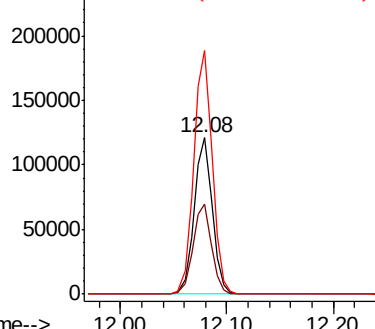
150 158.7 0.0 349.8

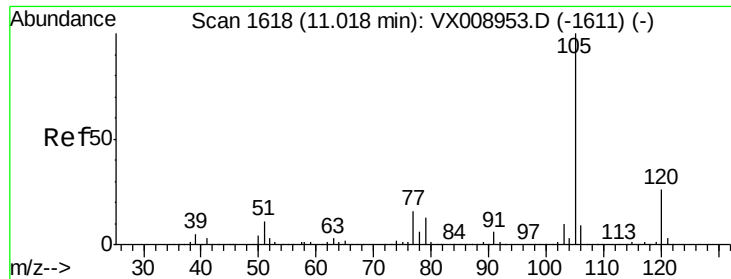


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

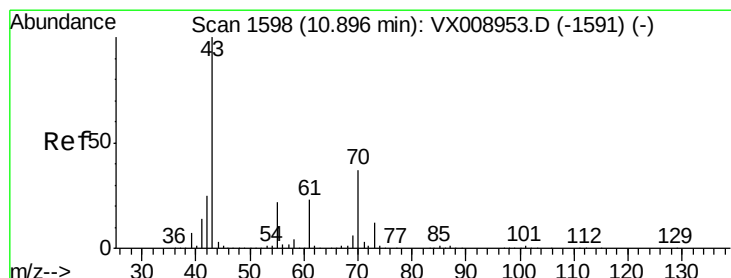
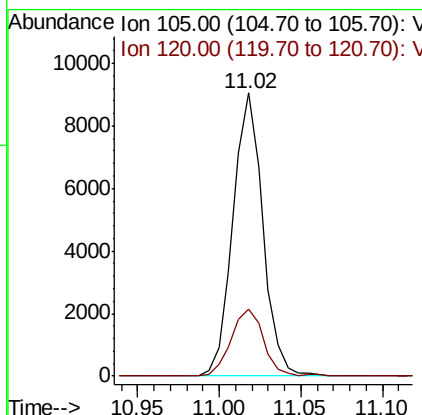
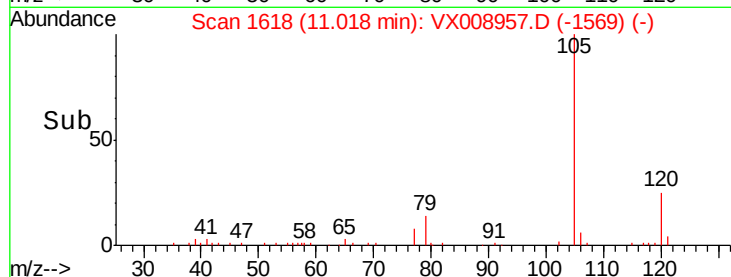
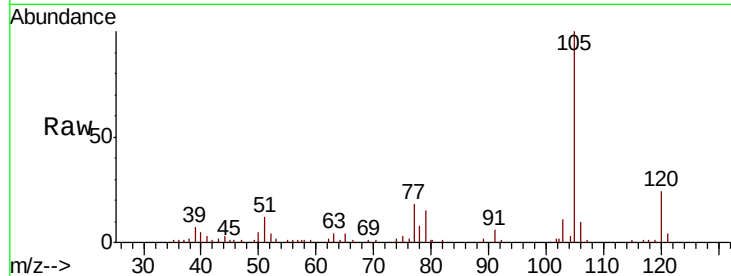




#73
Isopropylbenzene
Concen: 0.990 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX008957.D
Acq: 15 Apr 2019 12:45

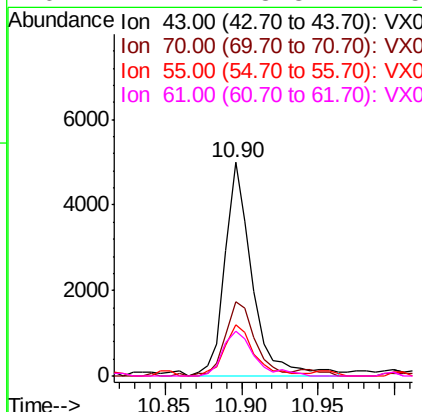
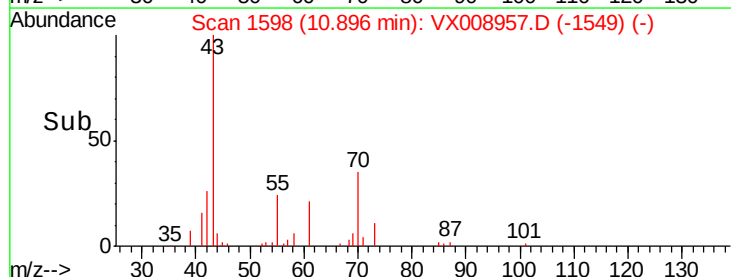
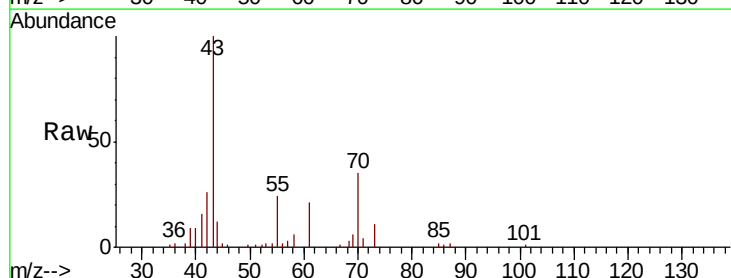
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

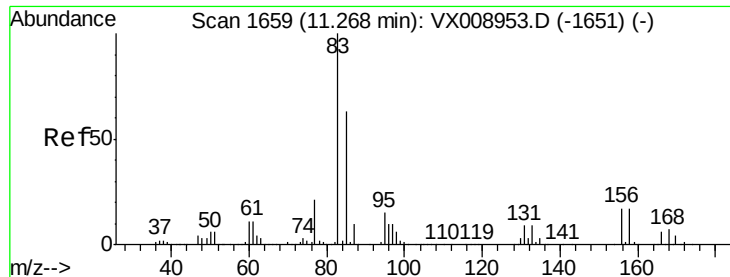
Tot Ion:105 Resp: 11521
Ion Ratio Lower Upper
105 100
120 25.6 12.9 38.7



#74
N-ethyl acetate
Concen: 0.904 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX008957.D
Acq: 15 Apr 2019 12:45

Tgt Ion: 43 Resp: 6182
Ion Ratio Lower Upper
43 100
70 37.9 29.9 44.9
55 26.3 17.8 26.8
61 24.2 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 1.008 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008957.D

Acq: 15 Apr 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

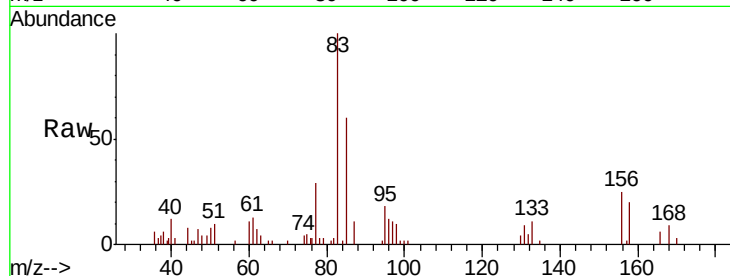
Tot Ion: 83 Resp: 4449

Ion Ratio Lower Upper

83 100

131 9.7 4.7 14.0

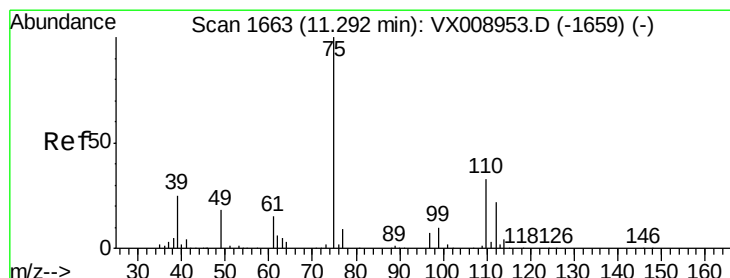
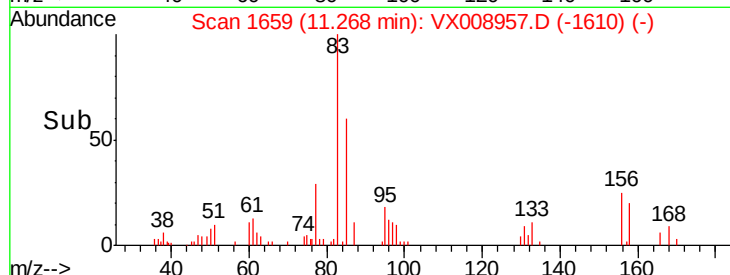
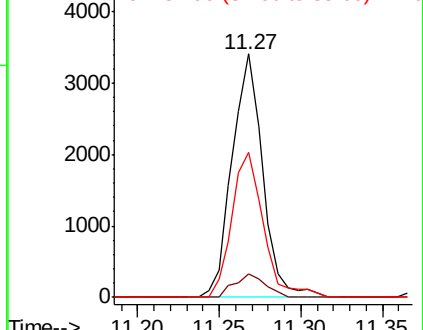
85 61.4 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 1.381 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX008957.D

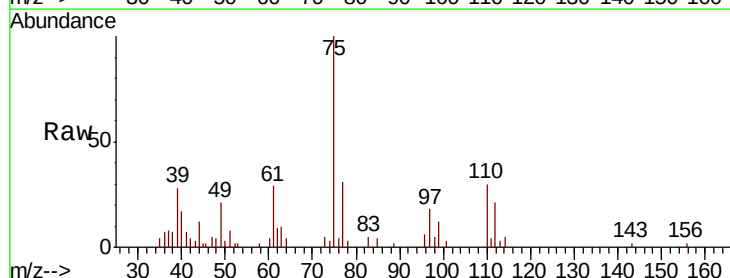
Acq: 15 Apr 2019 12:45

Tgt Ion: 75 Resp: 5323

Ion Ratio Lower Upper

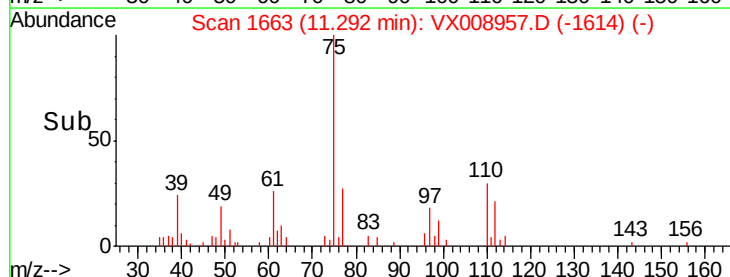
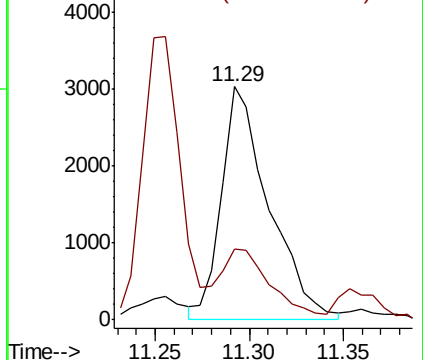
75 100

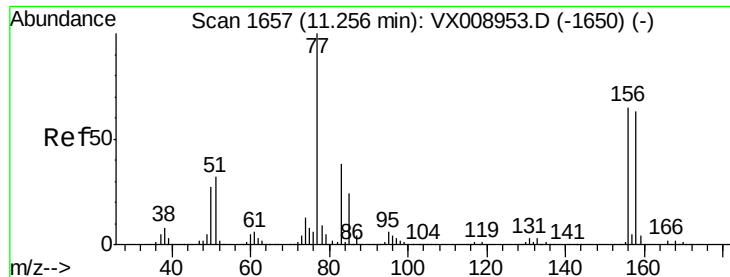
77 30.8 22.7 68.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 1.171 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008957.D

Acq: 15 Apr 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

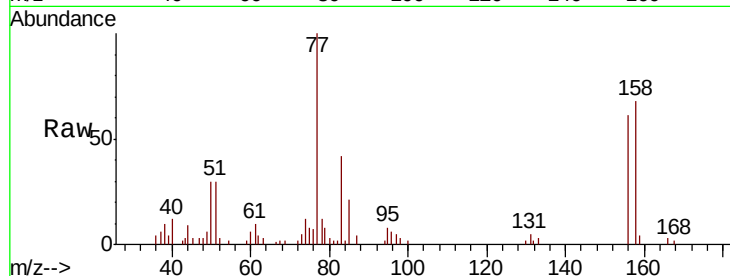
Tot Ion:156 Resp: 3295

Ion Ratio Lower Upper

156 100

77 161.4 85.4 256.1

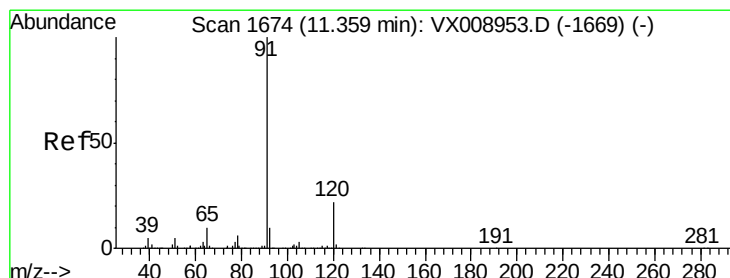
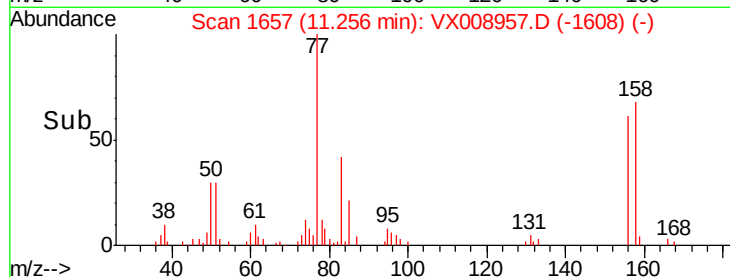
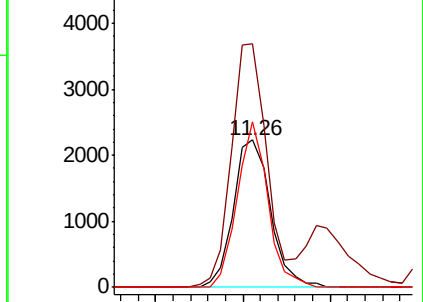
158 92.7 48.8 146.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 0.923 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008957.D

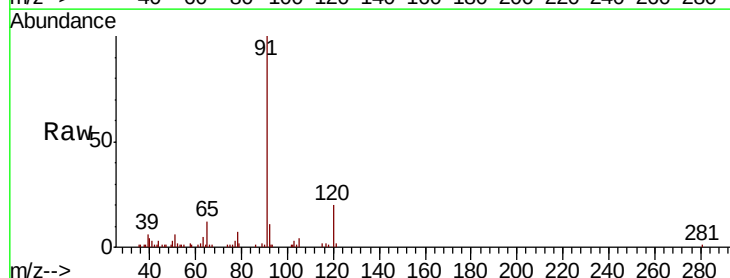
Acq: 15 Apr 2019 12:45

Tgt Ion: 91 Resp: 12500

Ion Ratio Lower Upper

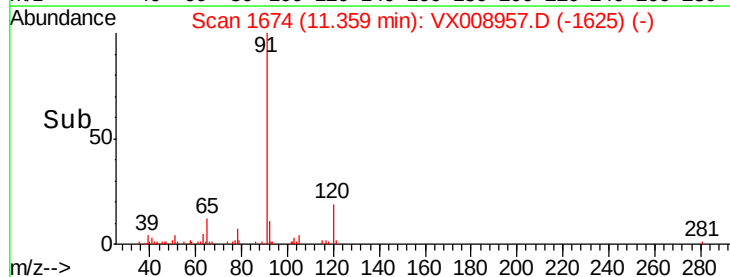
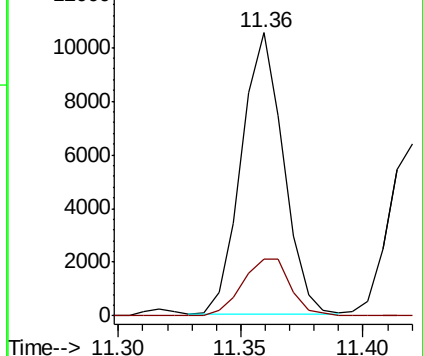
91 100

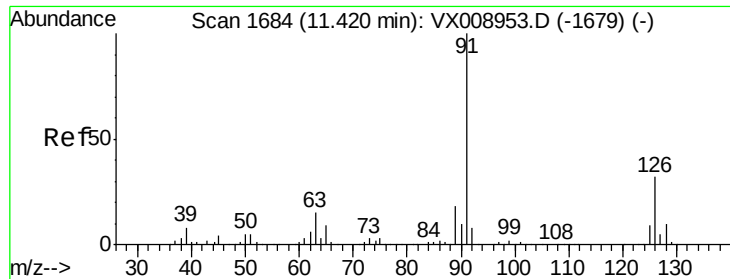
120 23.2 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

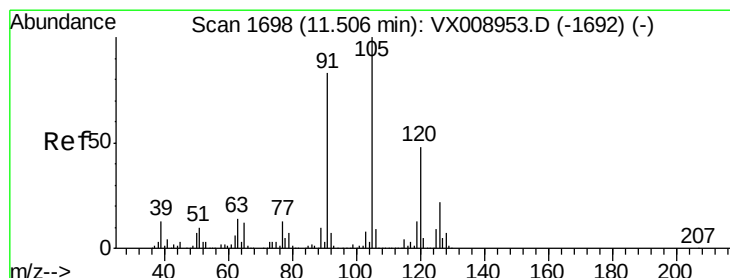
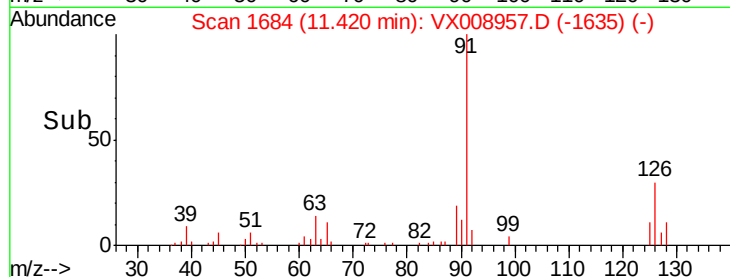
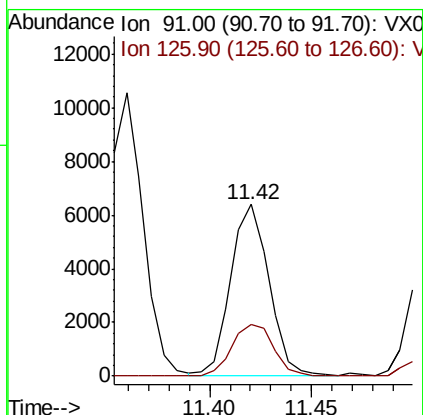
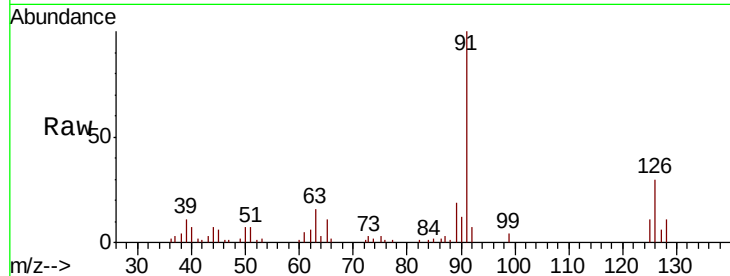




#79
 2-Chlorotoluene
 Concen: 1.021 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX008957.D
 Acq: 15 Apr 2019 12:45

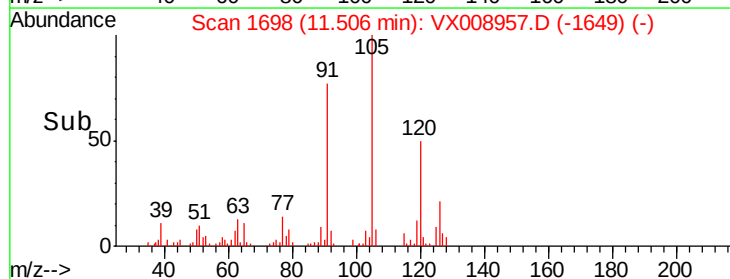
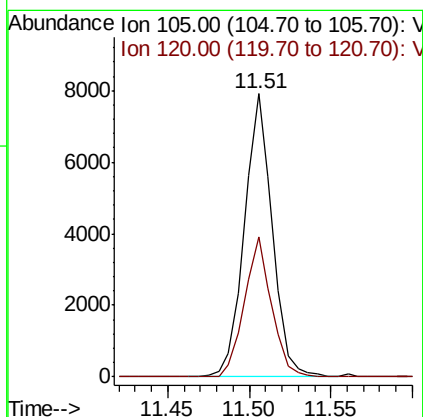
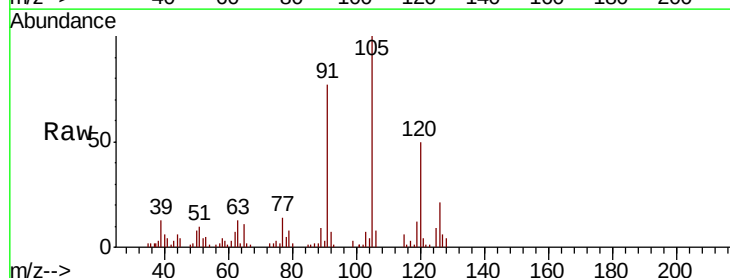
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

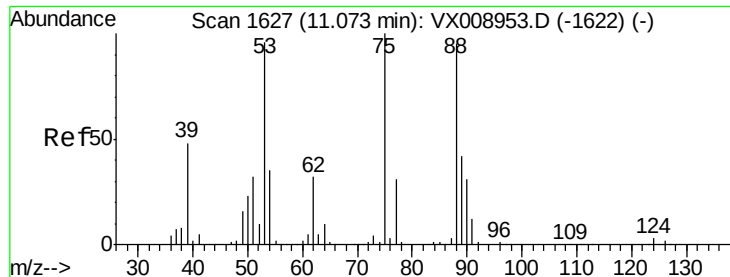
Tot Ion: 91 Resp: 8363
 Ion Ratio Lower Upper
 91 100
 126 32.3 16.3 48.9



#80
 1,3,5-Trimethylbenzene
 Concen: 0.967 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX008957.D
 Acq: 15 Apr 2019 12:45

Tgt Ion: 105 Resp: 9429
 Ion Ratio Lower Upper
 105 100
 120 48.0 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 0.915 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008957.D

Acq: 15 Apr 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

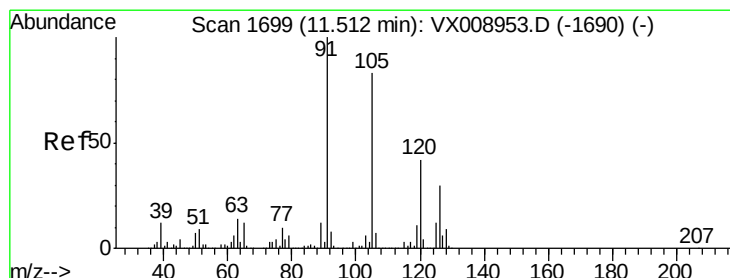
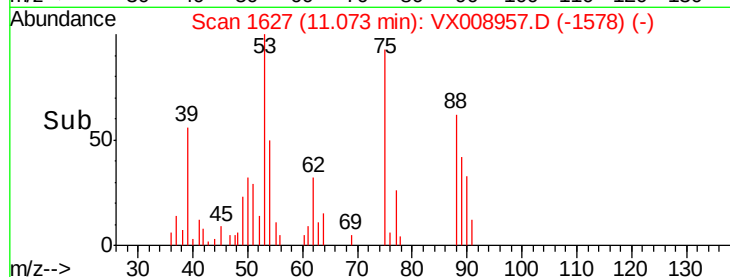
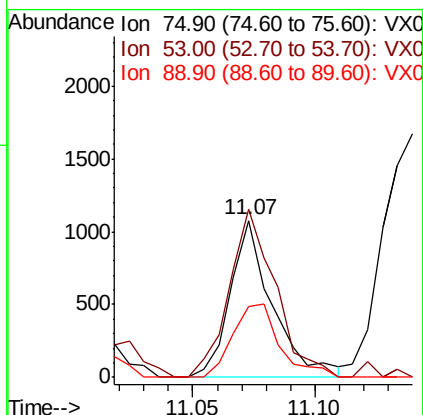
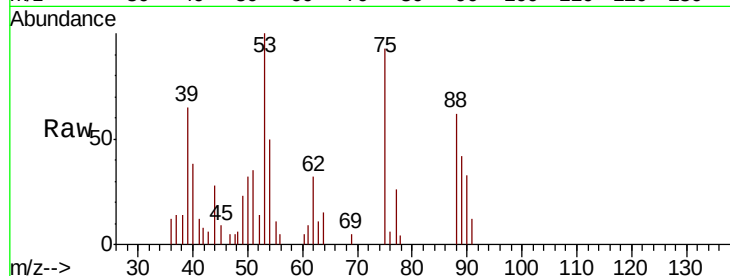
Tot Ion: 75 Resp: 1290

Ion Ratio Lower Upper

75 100

53 117.1 78.2 117.4

89 52.3 36.0 54.0



#82

4-Chlorotoluene

Concen: 1.030 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX008957.D

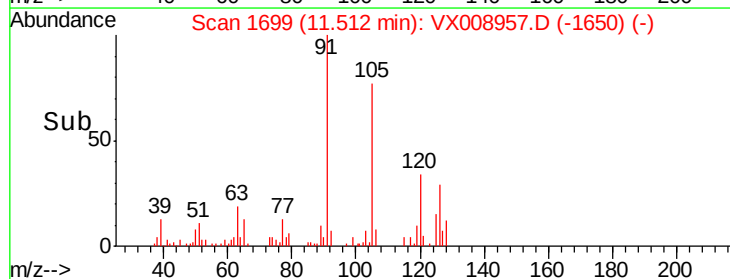
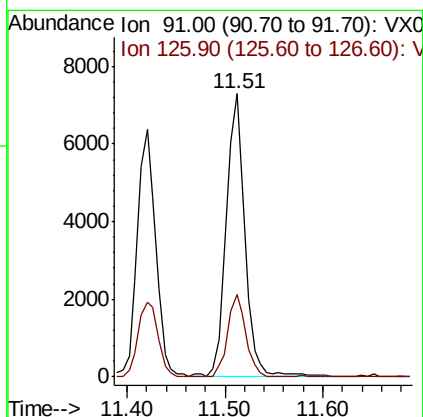
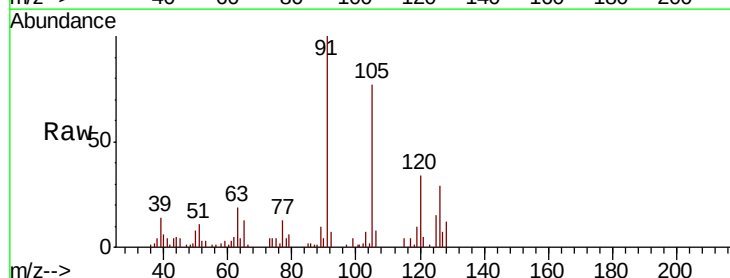
Acq: 15 Apr 2019 12:45

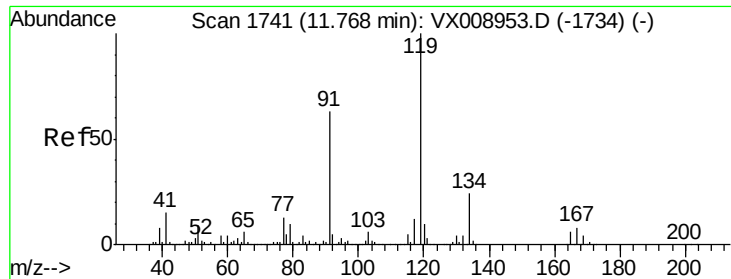
Tgt Ion: 91 Resp: 9768

Ion Ratio Lower Upper

91 100

126 27.9 14.3 42.9

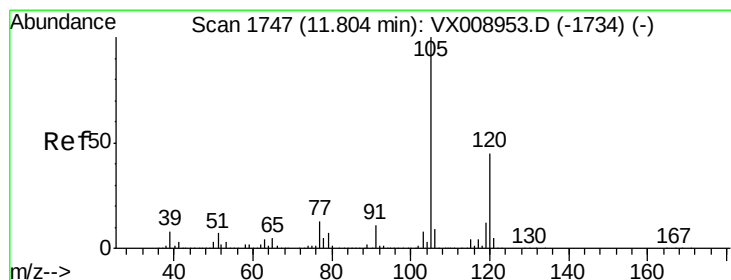
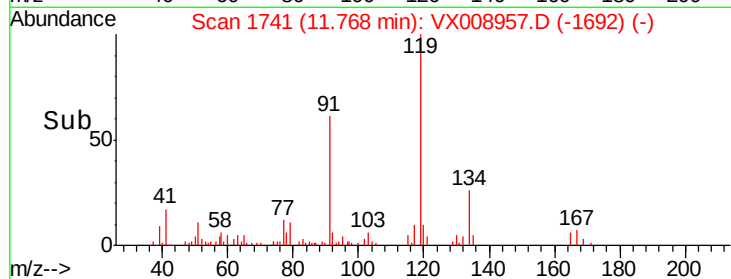
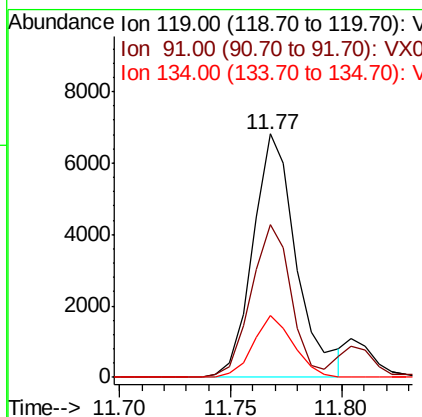
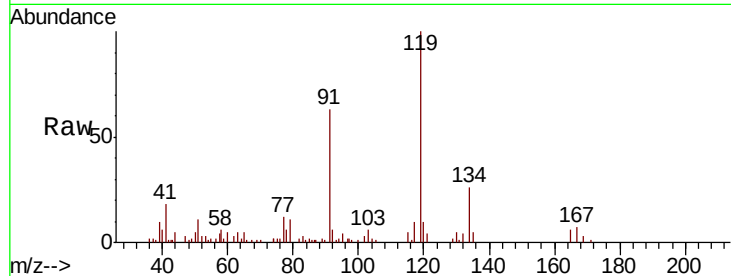




#83
 tert-Butylbenzene
 Concen: 0.986 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX008957.D
 Acq: 15 Apr 2019 12:45

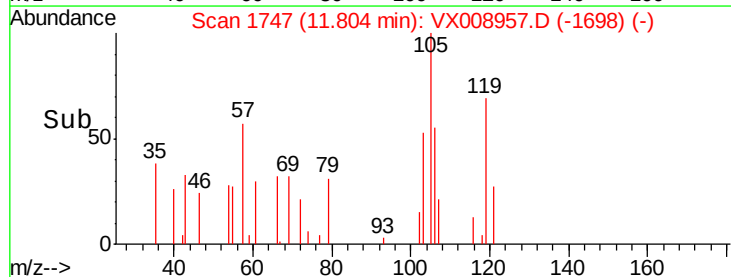
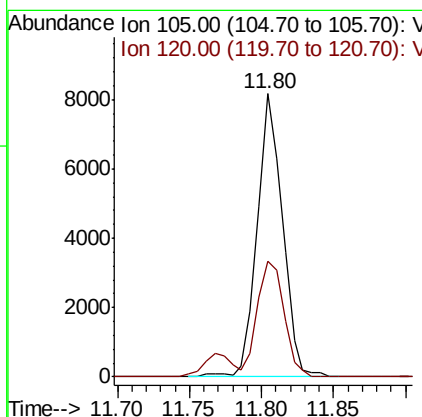
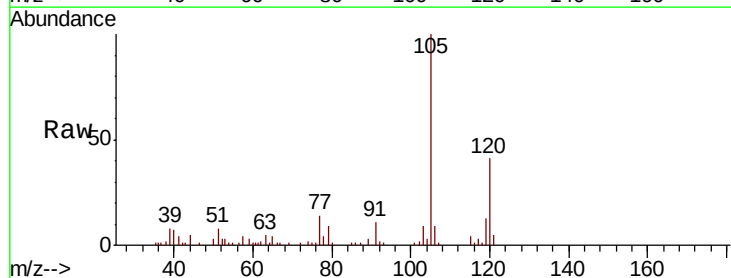
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

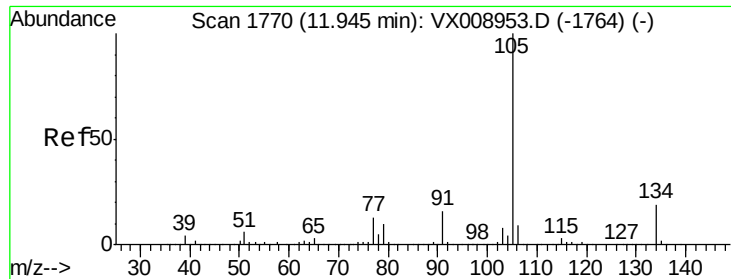
Tot Ion:119 Resp: 9260
 Ion Ratio Lower Upper
 119 100
 91 58.1 29.7 89.1
 134 23.5 11.2 33.5



#84
 1,2,4-Trimethylbenzene
 Concen: 0.999 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX008957.D
 Acq: 15 Apr 2019 12:45

Tgt Ion:105 Resp: 9864
 Ion Ratio Lower Upper
 105 100
 120 43.0 21.9 65.8





#85

sec-Butylbenzene

Concen: 0.940 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008957.D

Acq: 15 Apr 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

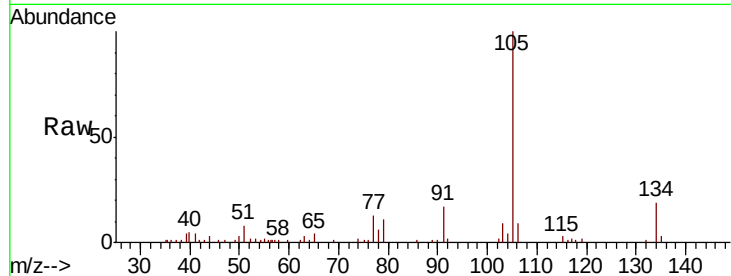
VSTDIC001

Tot Ion:105 Resp: 10487

Ion Ratio Lower Upper

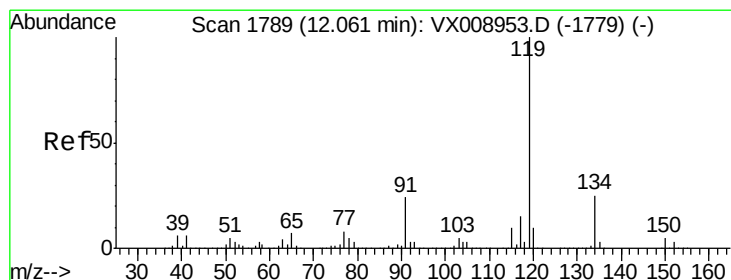
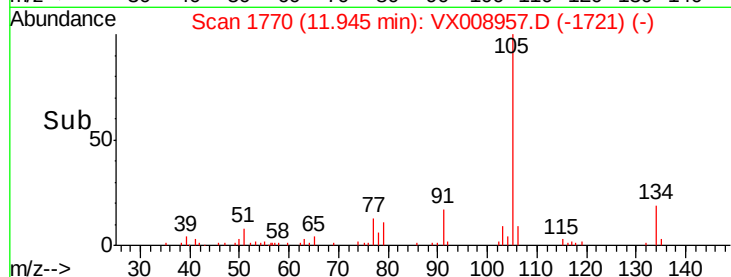
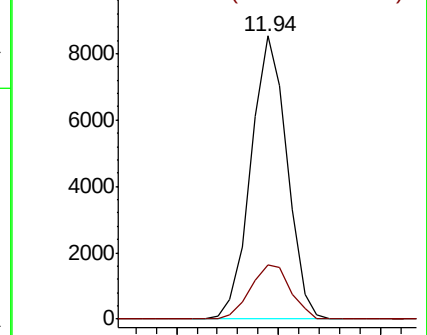
105 100

134 21.0 9.6 28.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.967 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008957.D

Acq: 15 Apr 2019 12:45

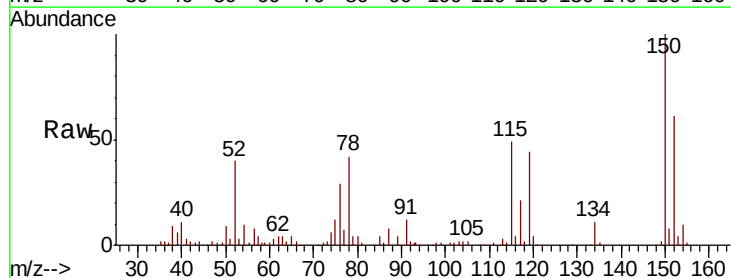
Tgt Ion:119 Resp: 9717

Ion Ratio Lower Upper

119 100

134 26.2 12.9 38.6

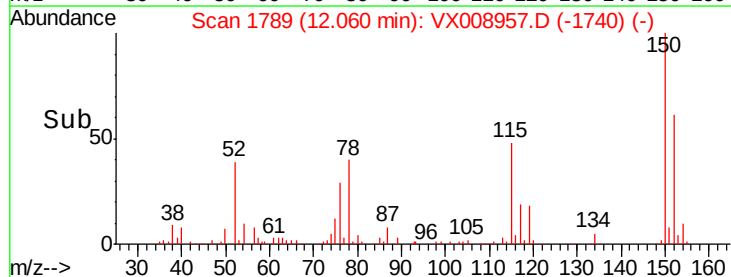
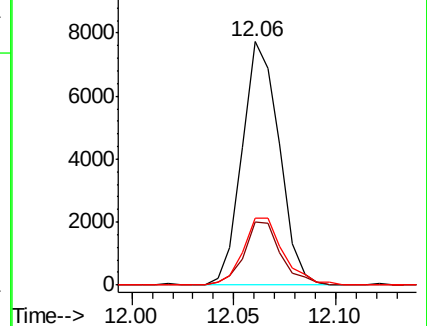
91 29.9 11.9 35.5

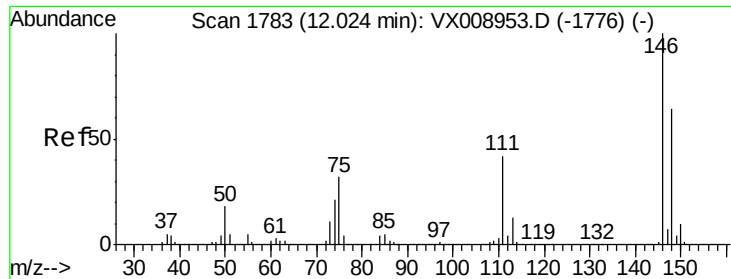


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 1.075 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX008957.D

Acq: 15 Apr 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

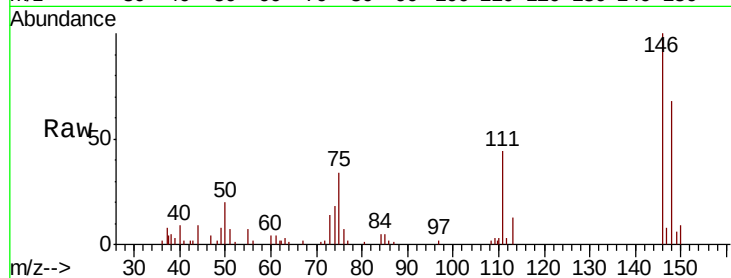
Tot Ion:146 Resp: 5410

Ion Ratio Lower Upper

146 100

111 44.6 20.5 61.6

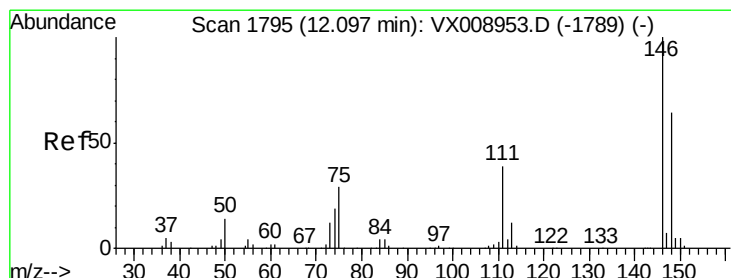
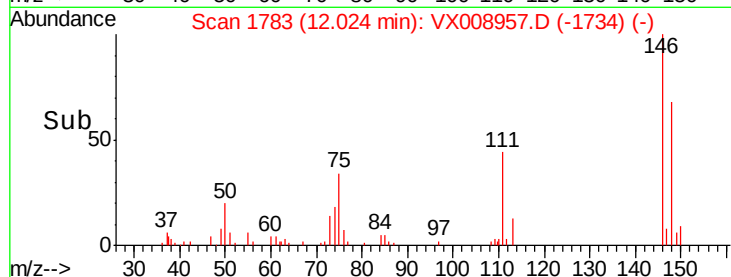
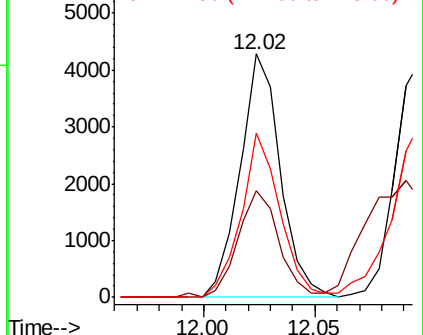
148 65.0 32.2 96.6



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



#88

1,4-Dichlorobenzene

Concen: 1.060 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.07 min

Lab File: VX008957.D

Acq: 15 Apr 2019 12:45

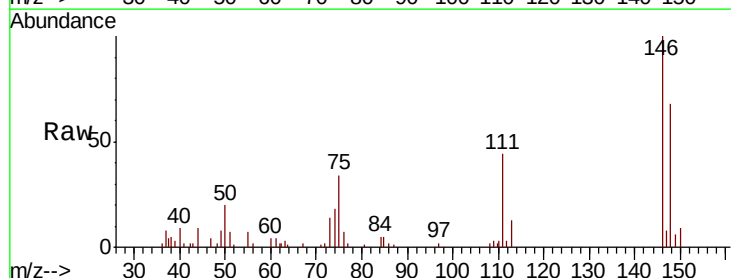
Tgt Ion:146 Resp: 5410

Ion Ratio Lower Upper

146 100

111 44.6 20.0 59.9

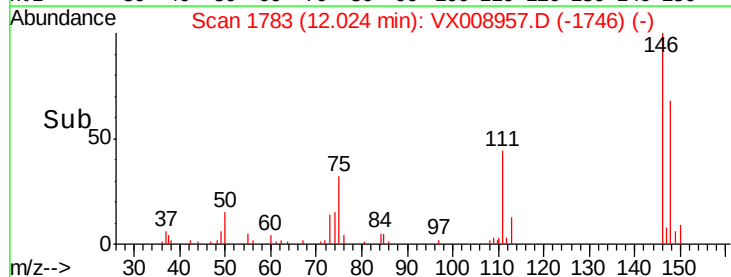
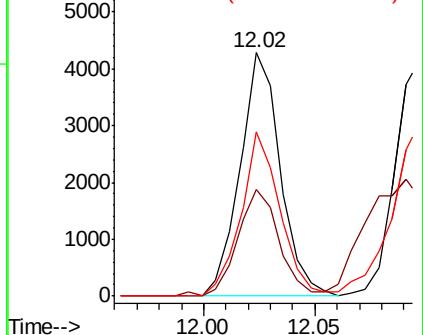
148 65.0 32.2 96.6

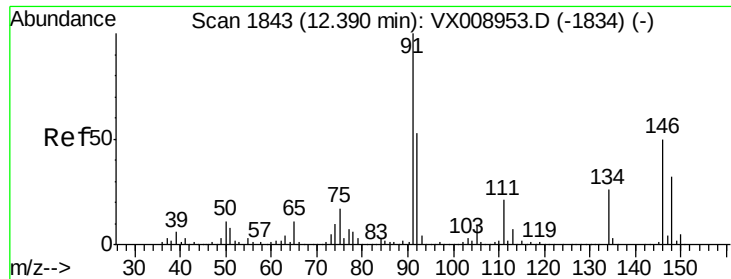


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 0.913 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX008957.D

Acq: 15 Apr 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

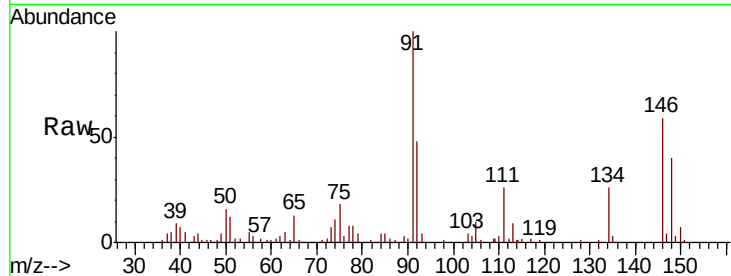
Tot Ion: 91 Resp: 8593

Ion Ratio Lower Upper

91 100

92 50.2 26.6 79.8

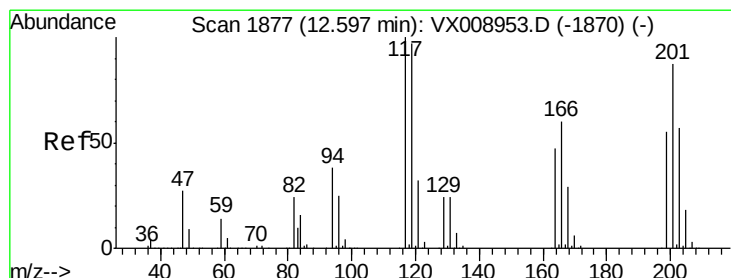
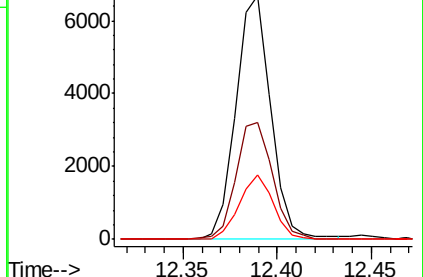
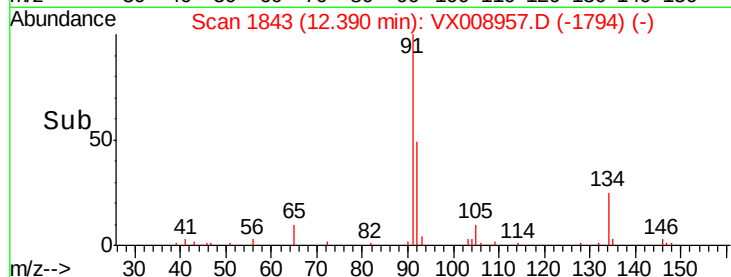
134 25.6 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX008957.D (-1794) (-)

Ion 92.00 (91.70 to 92.70): VX008957.D (-1794) (-)

Ion 134.00 (133.70 to 134.70): VX008957.D (-1794) (-)



#90

Hexachloroethane

Concen: 0.928 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX008957.D

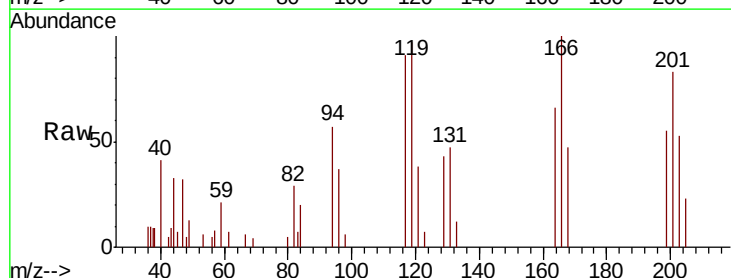
Acq: 15 Apr 2019 12:45

Tgt Ion: 117 Resp: 1548

Ion Ratio Lower Upper

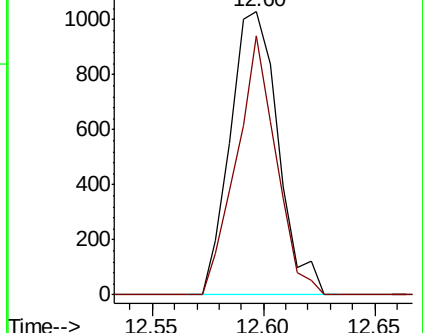
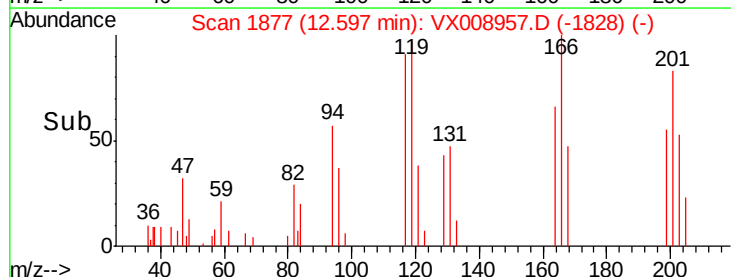
117 100

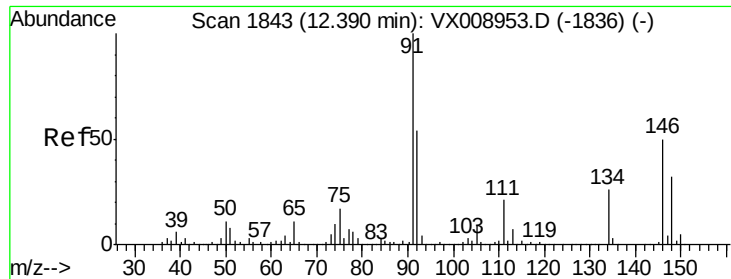
201 75.8 43.0 129.0



Abundance Ion 116.80 (116.50 to 117.50): VX008957.D (-1828) (-)

Ion 200.70 (200.40 to 201.40): VX008957.D (-1828) (-)

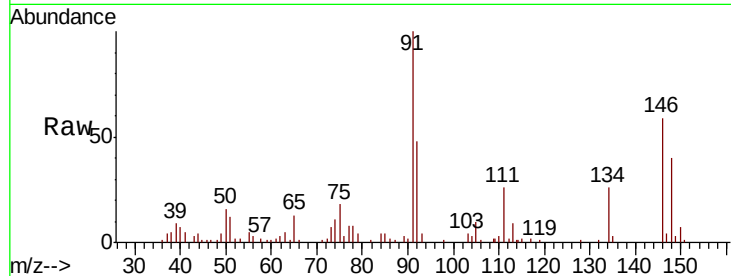




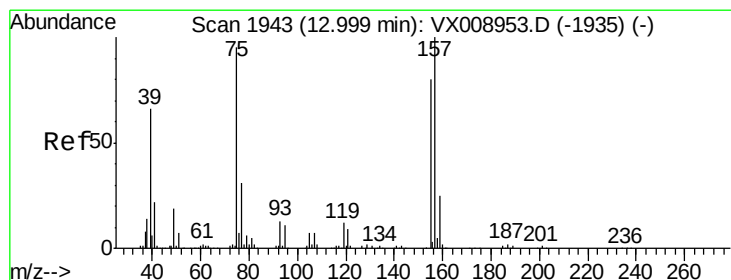
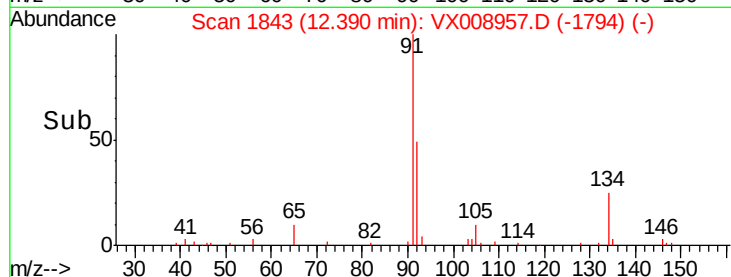
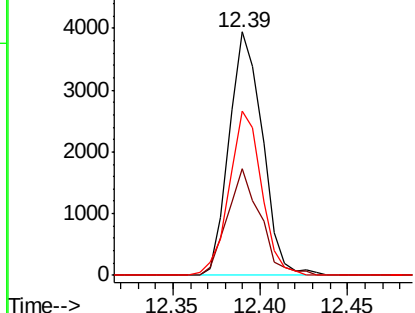
#91
 1,2-Dichlorobenzene
 Concen: 1.048 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008957.D
 Acq: 15 Apr 2019 12:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion:146 Resp: 5237
 Ion Ratio Lower Upper
 146 100
 111 43.7 20.6 61.9
 148 65.6 32.0 96.2

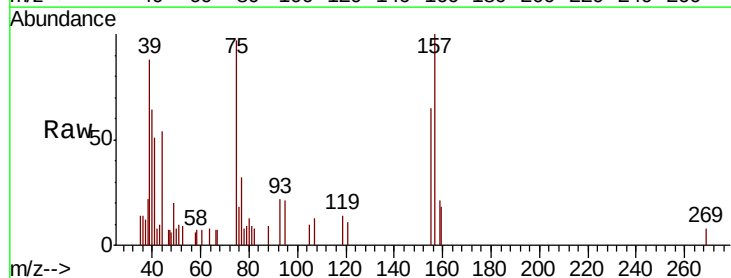


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

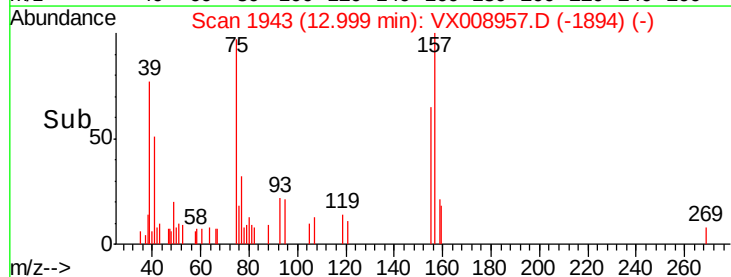
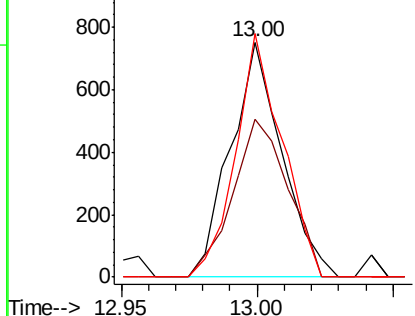


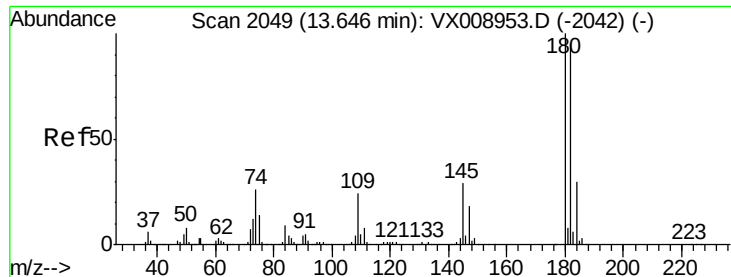
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.012 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX008957.D
 Acq: 15 Apr 2019 12:45

Tgt Ion: 75 Resp: 985
 Ion Ratio Lower Upper
 75 100
 155 72.1 41.2 123.6
 157 93.6 52.5 157.6



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

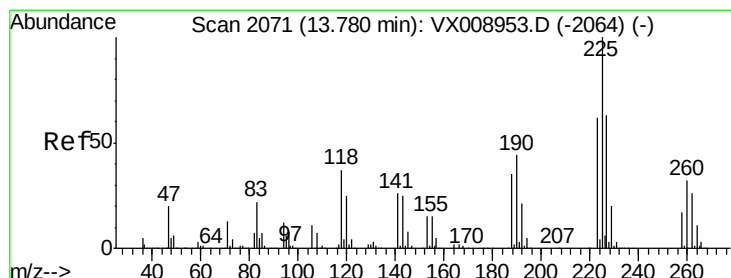
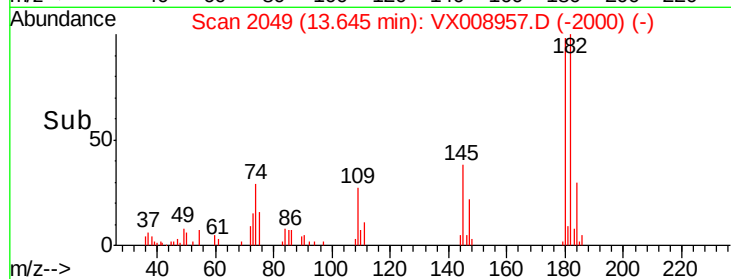
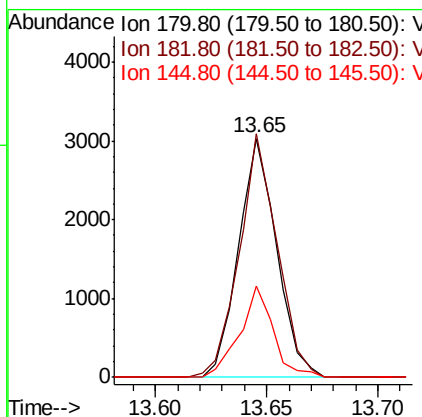
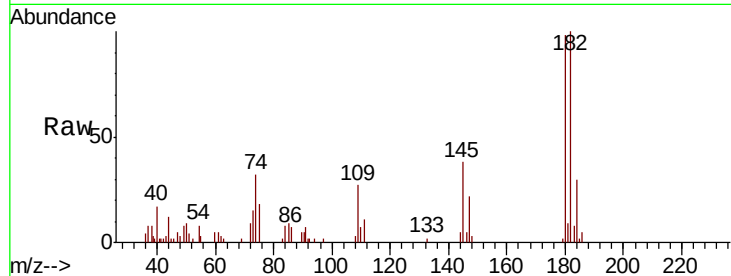




#93
 1,2,4-Trichlorobenzene
 Concen: 1.033 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008957.D
 Acq: 15 Apr 2019 12:45

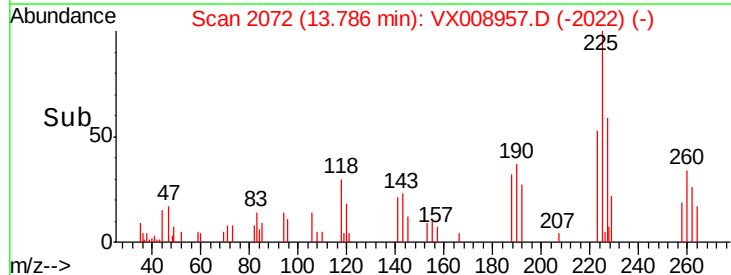
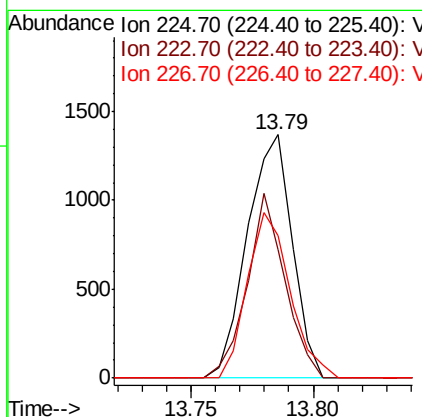
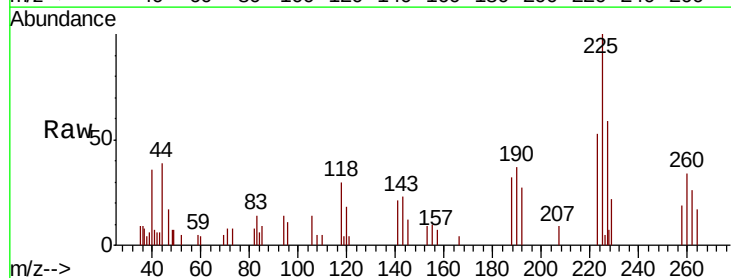
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

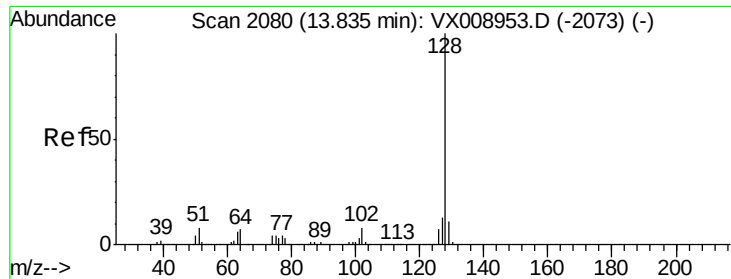
Tot Ion:180 Resp: 3620
 Ion Ratio Lower Upper
 180 100
 182 101.3 47.6 142.9
 145 33.4 14.8 44.4



#94
 Hexachlorobutadiene
 Concen: 1.046 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.01 min
 Lab File: VX008957.D
 Acq: 15 Apr 2019 12:45

Tgt Ion:225 Resp: 1757
 Ion Ratio Lower Upper
 225 100
 223 63.7 31.1 93.2
 227 64.9 32.0 96.2





#95

Naphthalene

Concen: 0.990 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008957.D

Acq: 15 Apr 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

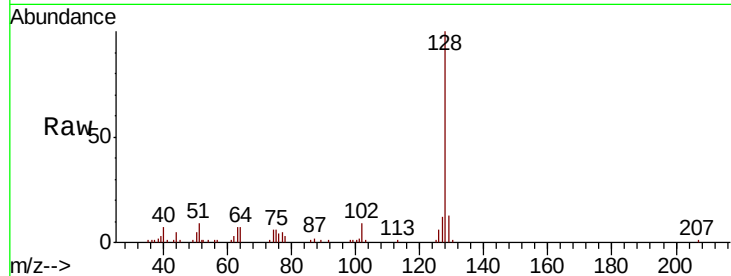
Tot Ion:128 Resp: 11489

Ion Ratio Lower Upper

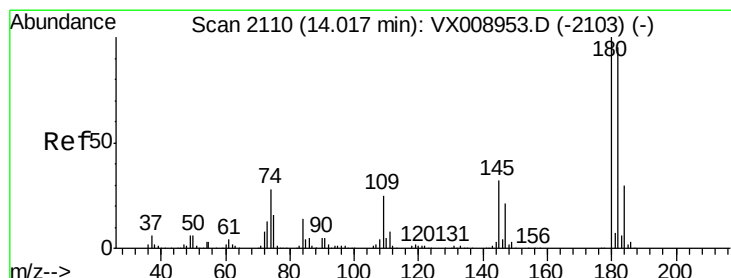
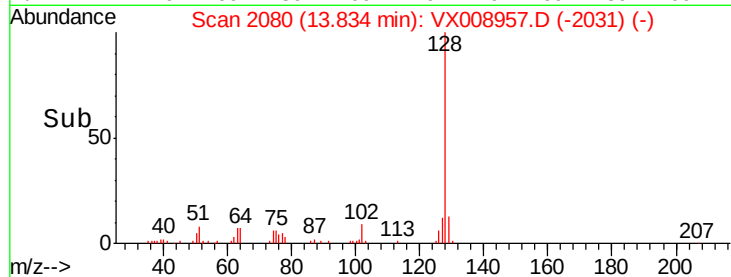
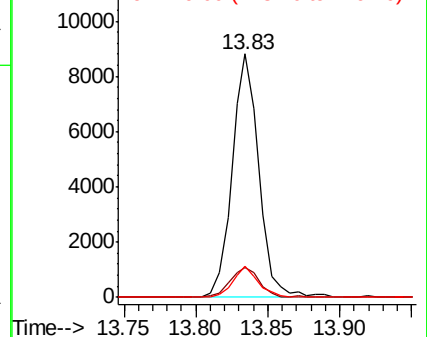
128 100

127 13.2 10.6 16.0

129 11.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 1.009 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. 0.01 min

Lab File: VX008957.D

Acq: 15 Apr 2019 12:45

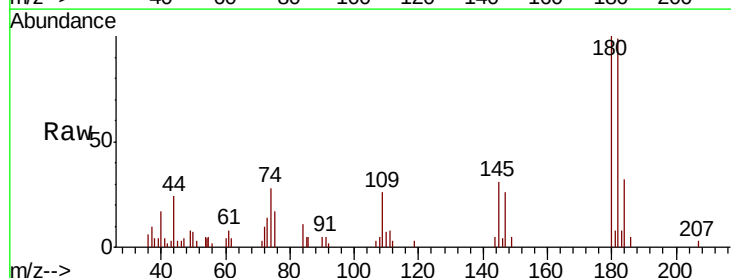
Tgt Ion:180 Resp: 3524

Ion Ratio Lower Upper

180 100

182 99.2 47.8 143.4

145 36.4 15.8 47.3



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

