

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX112918\
 Data File : VX006213.D
 Acq On : 29 Nov 2018 15:52
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Nov 30 03:41:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:36:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	790495	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1173716	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1064816	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	549690	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	785685	97.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	194.72%	
35) Dibromofluoromethane	5.51	113	747658	98.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	196.76%	
50) Toluene-d8	8.72	98	2725766	98.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	197.22%	
62) 4-Bromofluorobenzene	11.14	95	1012683	97.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	194.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	821257	106.105	ug/l	99
3) Chloromethane	1.33	50	798607	100.404	ug/l	97
4) Vinyl Chloride	1.41	62	868039	101.401	ug/l	99
5) Bromomethane	1.64	94	579504	97.680	ug/l	98
6) Chloroethane	1.71	64	533452	101.634	ug/l	100
7) Trichlorofluoromethane	1.92	101	1312766	99.902	ug/l	98
8) Diethyl Ether	2.19	74	489935	98.514	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	733978	98.231	ug/l	99
10) Methyl Iodide	2.51	142	1167703	103.699	ug/l	99
11) Tert butyl alcohol	3.09	59	1037734	470.227	ug/l	100
12) 1,1-Dichloroethene	2.37	96	703464	98.347	ug/l	98
13) Acrolein	2.30	56	590334	489.417	ug/l	99
14) Allyl chloride	2.73	41	1399447	99.042	ug/l	100
15) Acrylonitrile	3.15	53	2255475	489.765	ug/l	100
16) Acetone	2.45	43	1864624	492.369	ug/l	98
17) Carbon Disulfide	2.57	76	2198333	99.738	ug/l	99
18) Methyl Acetate	2.78	43	1224792	96.709	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	2512094	98.447	ug/l	100
20) Methylene Chloride	2.86	84	763968	94.788	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	746174	97.890	ug/l	97
22) Diisopropyl ether	3.87	45	2172339	98.429	ug/l	99
23) Vinyl Acetate	3.82	43	9359580	497.216	ug/l	100
24) 1,1-Dichloroethane	3.70	63	1211075	96.005	ug/l	100
25) 2-Butanone	4.70	43	2626036	485.981	ug/l	99
26) 2,2-Dichloropropane	4.59	77	1119728	96.180	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	831845	97.835	ug/l	100
28) Bromochloromethane	5.02	49	562778	102.137	ug/l	99
29) Tetrahydrofuran	5.15	42	1815087	483.317	ug/l	99
30) Chloroform	5.22	83	1285526	96.973	ug/l	96
31) Cyclohexane	5.57	56	1136891	97.520	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	1220775	96.786	ug/l	99
36) 1,1-Dichloropropene	5.80	75	976539	98.801	ug/l	99
37) Ethyl Acetate	4.86	43	1073442	96.980	ug/l	100
38) Carbon Tetrachloride	5.78	117	1146400	98.593	ug/l	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	1256045	97.901	ug/l	98
40) Benzene	6.14	78	2920049	98.640	ug/l	99
41) Methacrylonitrile	5.06	41	574646	94.350	ug/l	99
42) 1,2-Dichloroethane	6.20	62	955107	98.581	ug/l	100
43) Isopropyl Acetate	6.46	43	1803645	97.731	ug/l	100
44) Trichloroethene	7.21	130	891515	99.410	ug/l	99
45) 1,2-Dichloropropane	7.52	63	734117	97.574	ug/l	100
46) Dibromomethane	7.66	93	534357	98.340	ug/l	99
47) Bromodichloromethane	7.90	83	1045334	99.341	ug/l	99
48) Methyl methacrylate	7.77	41	880694	98.095	ug/l	100
49) 1,4-Dioxane	7.76	88	418028	1889.174	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	5169618	481.196	ug/l	99
52) Toluene	8.79	92	1914465	98.300	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	1229122	99.878	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	1264914	98.986	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	778200	98.355	ug/l	99
56) Ethyl methacrylate	9.18	69	1197960	96.850	ug/l	100
57) 1,3-Dichloropropane	9.37	76	1241134	99.200	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	3052935	486.384	ug/l	99
59) 2-Hexanone	9.50	43	3961160	482.604	ug/l	100
60) Dibromochloromethane	9.58	129	973898	99.821	ug/l	100
61) 1,2-Dibromoethane	9.68	107	866516	97.945	ug/l	99
64) Tetrachloroethene	9.33	164	781008	97.394	ug/l	98
65) Chlorobenzene	10.14	112	2234616	98.861	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	867188	98.742	ug/l	100
67) Ethyl Benzene	10.25	91	3702072	98.474	ug/l	99
68) m/p-Xylenes	10.36	106	2940334	195.251	ug/l	100
69) o-Xylene	10.70	106	1435344	96.494	ug/l	99
70) Styrene	10.71	104	2354064	97.849	ug/l	99
71) Bromoform	10.86	173	828315	99.913	ug/l #	99
73) Isopropylbenzene	11.02	105	3766855	99.230	ug/l	100
74) N-amyl acetate	10.90	43	1606104	98.252	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	1169201	96.274	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	1447993	101.435	ug/l	87
77) Bromobenzene	11.26	156	1034643	98.212	ug/l	100
78) n-propylbenzene	11.36	91	4268592	101.158	ug/l	100
79) 2-Chlorotoluene	11.42	91	2467564	98.386	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	3108542	98.420	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	446091	98.667	ug/l	97
82) 4-Chlorotoluene	11.51	91	2880411	98.780	ug/l	99
83) tert-Butylbenzene	11.77	119	3295485	97.790	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	3192901	97.900	ug/l	100
85) sec-Butylbenzene	11.94	105	3794514	98.976	ug/l	100
86) p-Isopropyltoluene	12.07	119	3412607	98.853	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	1850497	98.718	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	1854234	98.638	ug/l	100
89) n-Butylbenzene	12.39	91	2999782	101.840	ug/l	99
90) Hexachloroethane	12.60	117	708622	100.714	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	1804135	96.976	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	297629	95.604	ug/l	99

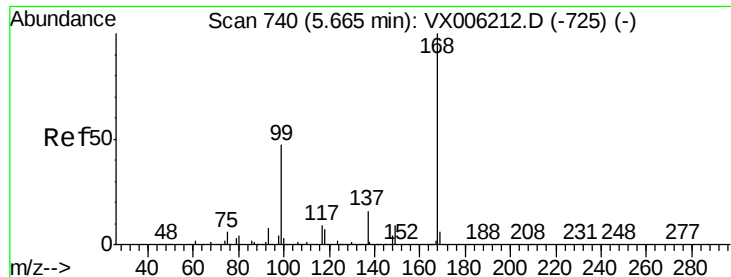
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX112918\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	1375458	101.340	ug/l	99
94) Hexachlorobutadiene	13.79	225	609180	101.489	ug/l	100
95) Naphthalene	13.83	128	4215752	99.852	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	1368592	101.804	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX006213.D

Acq: 29 Nov 2018 15:52

Instrument :

MSVOA_X

ClientSampleId :

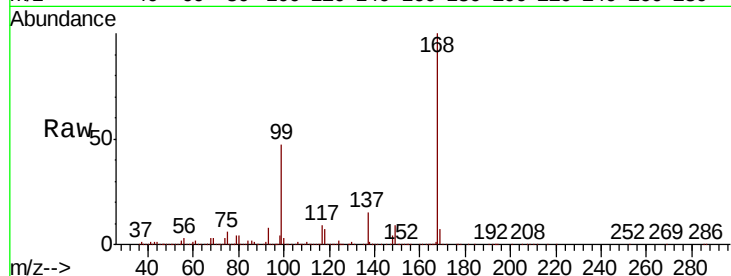
VSTDIC100

Tgt Ion:168 Resp: 790495

Ion Ratio Lower Upper

168 100

99 46.4 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

300000

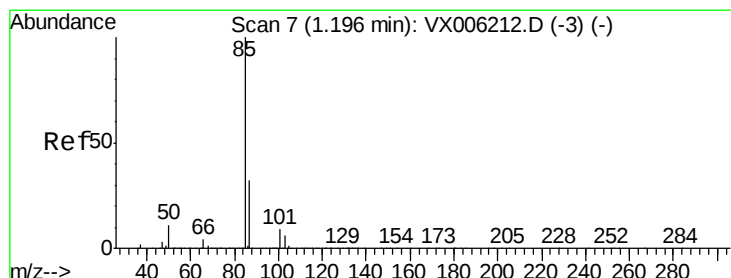
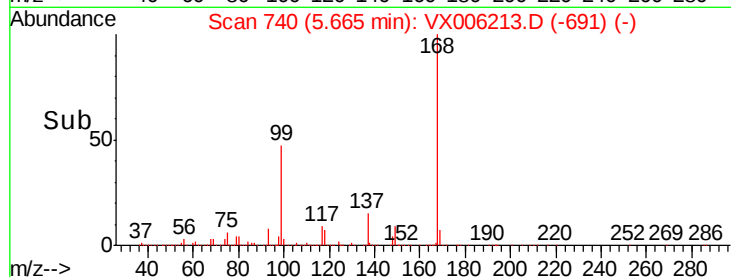
200000

100000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 106.105 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006213.D

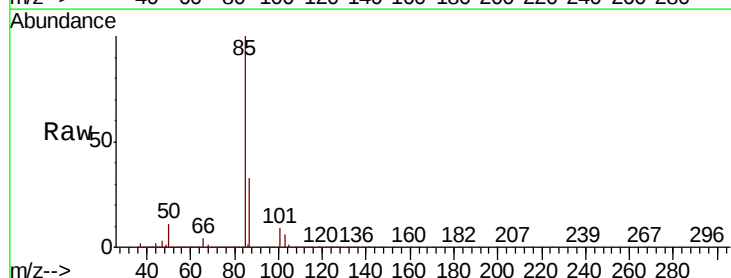
Acq: 29 Nov 2018 15:52

Tgt Ion: 85 Resp: 821257

Ion Ratio Lower Upper

85 100

87 32.6 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

800000

600000

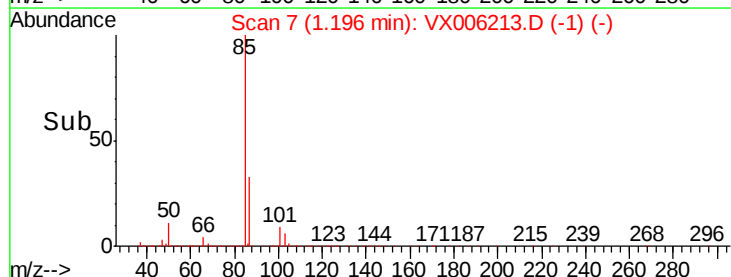
400000

200000

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Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 100.404 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX006213.D

Acq: 29 Nov 2018 15:52

Instrument :

MSVOA_X

ClientSampleId :

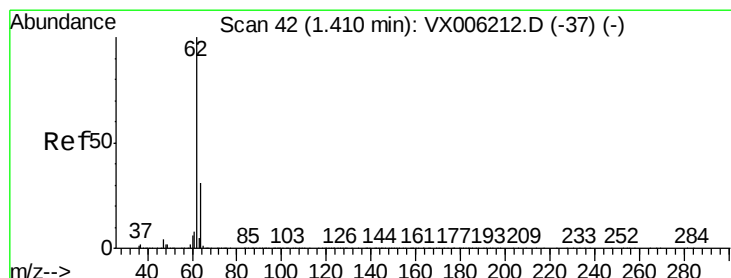
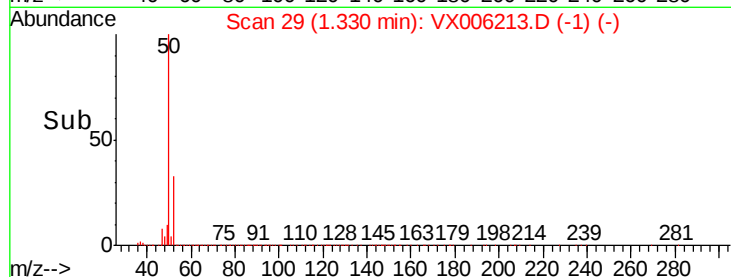
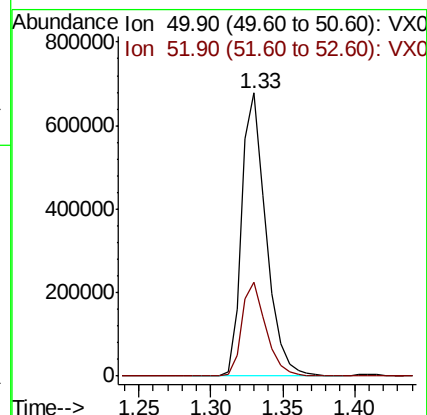
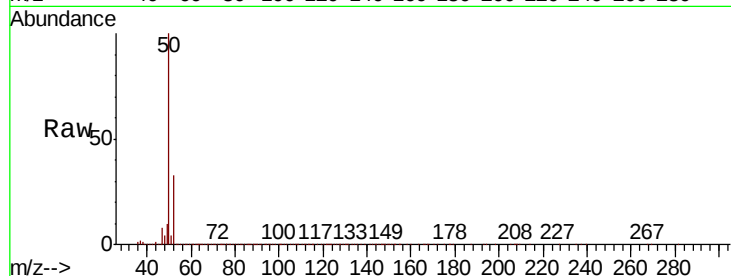
VSTDIC100

Tgt Ion: 50 Resp: 798607

Ion Ratio Lower Upper

50 100

52 33.2 25.2 37.8



#4

Vinyl Chloride

Concen: 101.401 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX006213.D

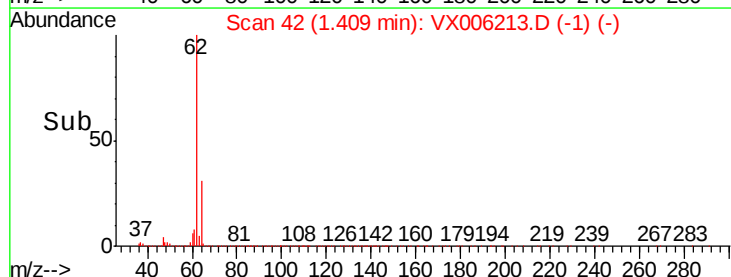
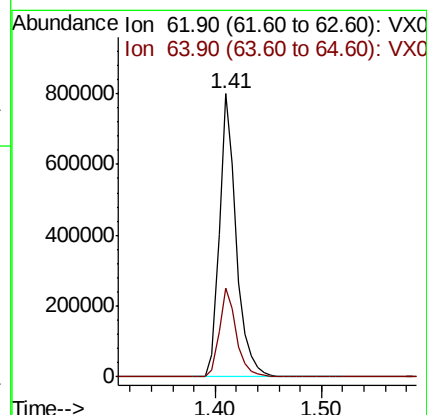
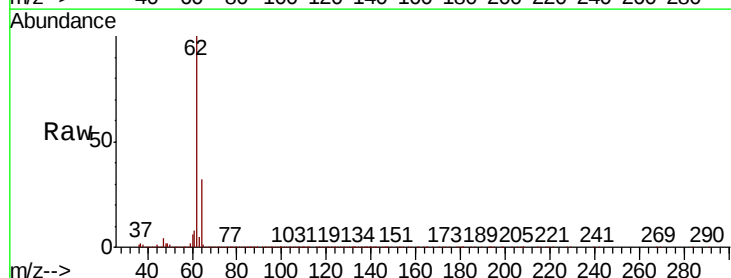
Acq: 29 Nov 2018 15:52

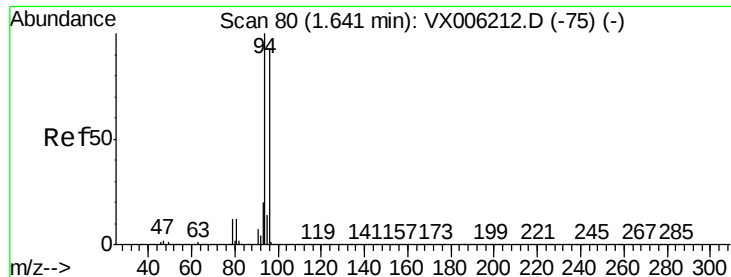
Tgt Ion: 62 Resp: 868039

Ion Ratio Lower Upper

62 100

64 31.5 24.9 37.3





#5

Bromomethane

Concen: 97.680 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX006213.D

Acq: 29 Nov 2018 15:52

Instrument :

MSVOA_X

ClientSampleId :

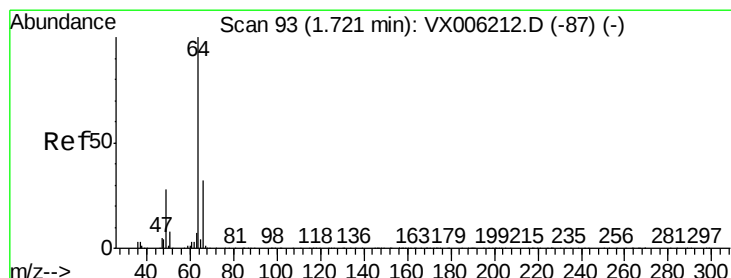
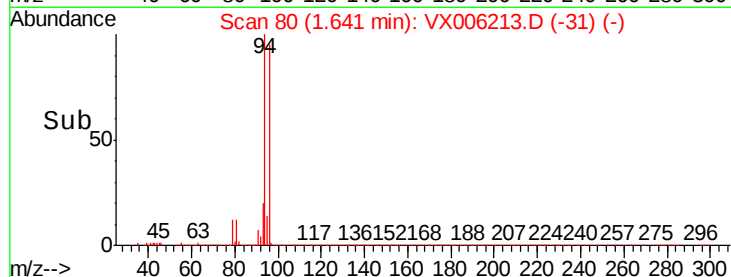
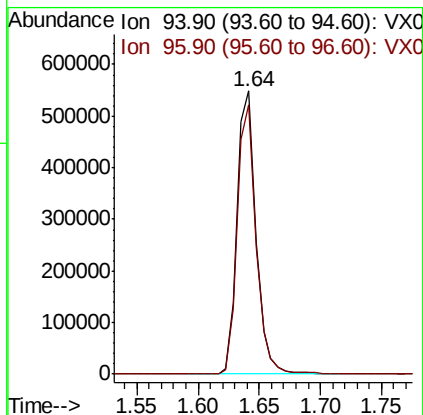
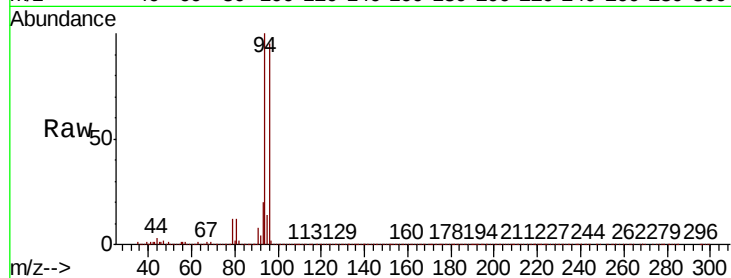
VSTDIC100

Tgt Ion: 94 Resp: 579504

Ion Ratio Lower Upper

94 100

96 95.2 74.5 111.7



#6

Chloroethane

Concen: 101.634 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX006213.D

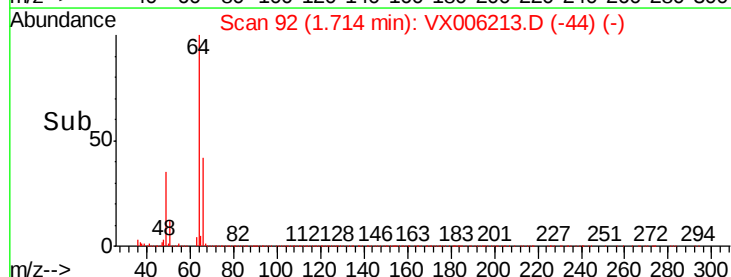
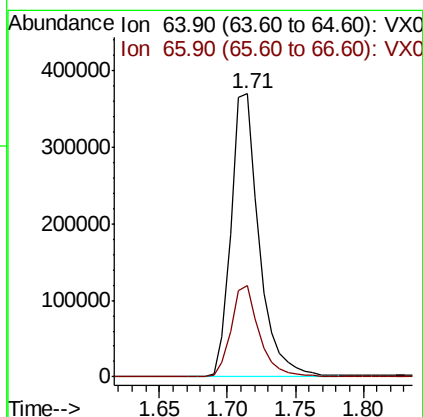
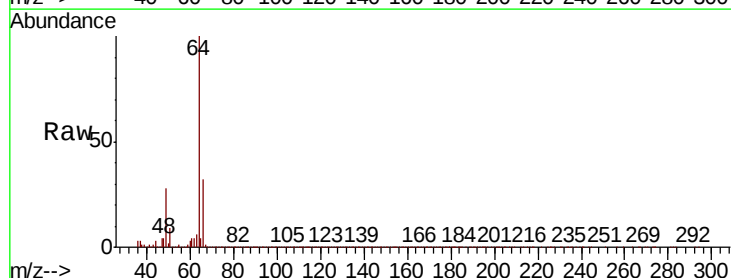
Acq: 29 Nov 2018 15:52

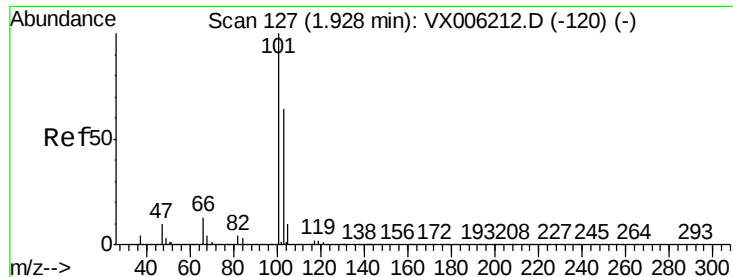
Tgt Ion: 64 Resp: 533452

Ion Ratio Lower Upper

64 100

66 32.3 25.9 38.9



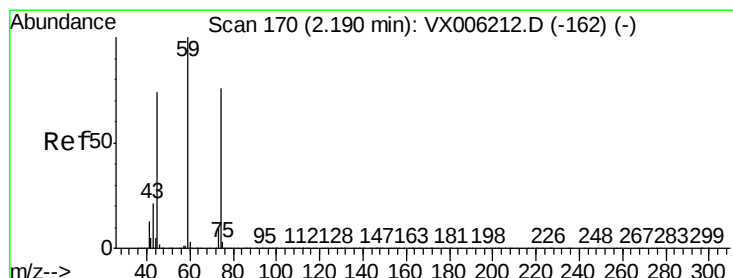
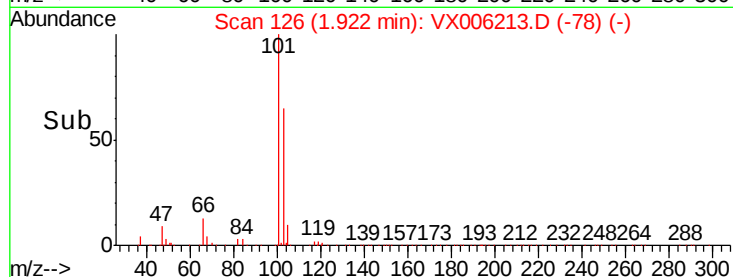
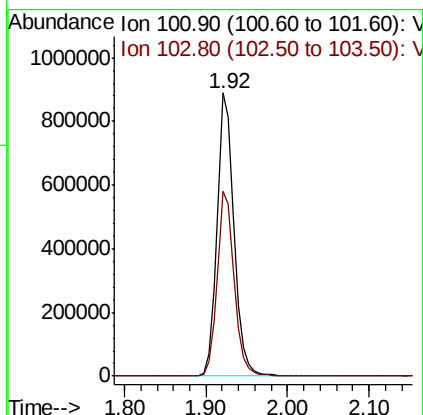
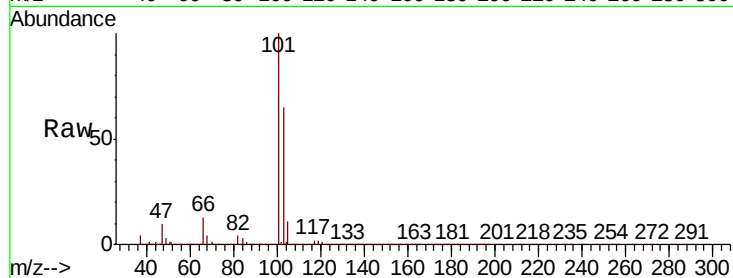


#7

Trichlorofluoromethane
Concen: 99.902 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX006213.D
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VSTDIC100

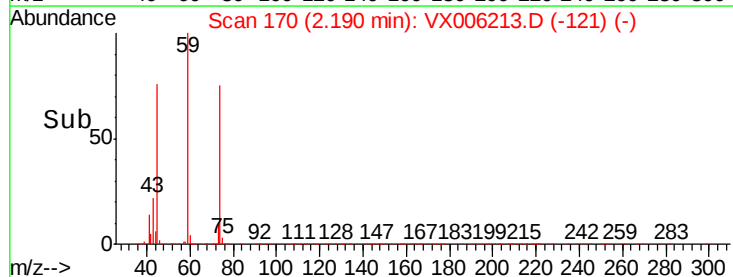
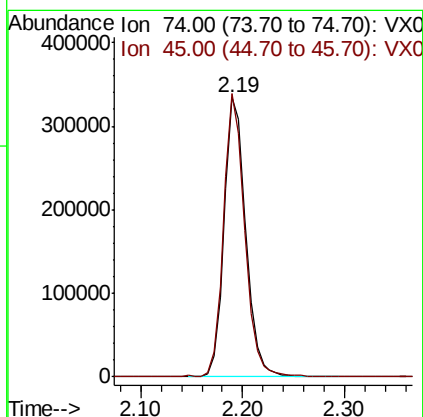
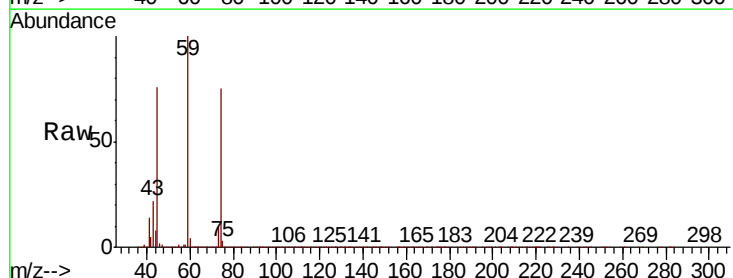
Tgt Ion:101 Resp: 1312766
Ion Ratio Lower Upper
101 100
103 65.2 51.0 76.4

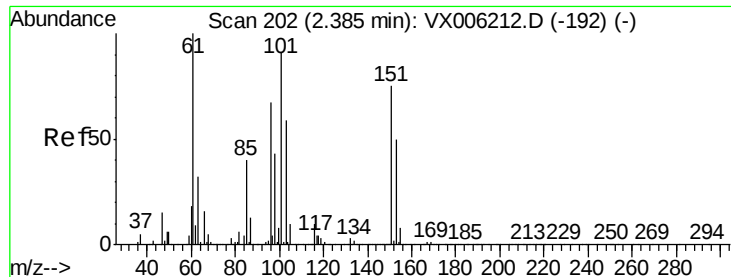


#8

Diethyl Ether
Concen: 98.514 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX006213.D
Acq: 29 Nov 2018 15:52

Tgt Ion: 74 Resp: 489935
Ion Ratio Lower Upper
74 100
45 98.9 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 98.231 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX006213.D

Acq: 29 Nov 2018 15:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

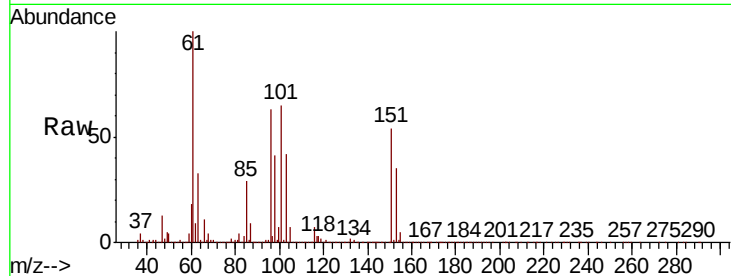
Tgt Ion:101 Resp: 733978

Ion Ratio Lower Upper

101 100

85 44.0 35.5 53.3

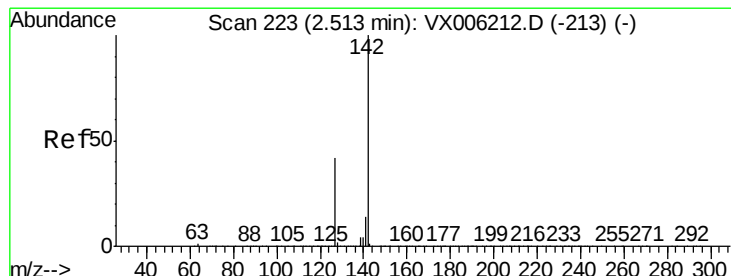
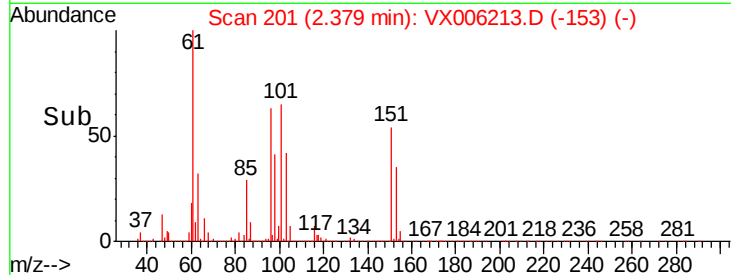
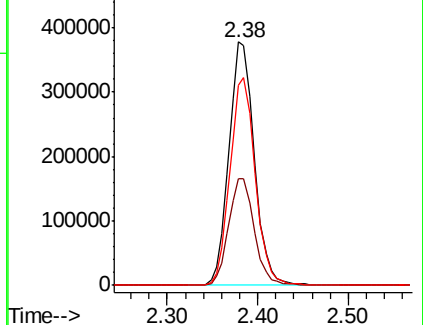
151 85.0 68.6 103.0



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: 103.699 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX006213.D

Acq: 29 Nov 2018 15:52

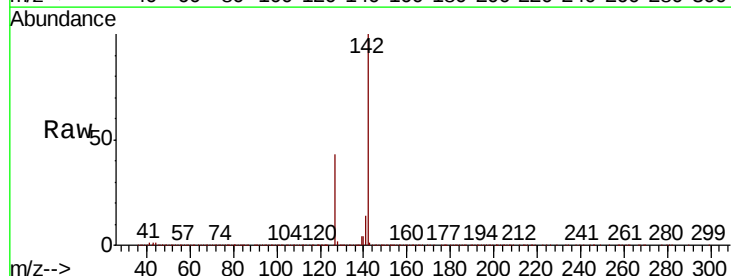
Tgt Ion:142 Resp: 1167703

Ion Ratio Lower Upper

142 100

127 43.0 34.8 52.2

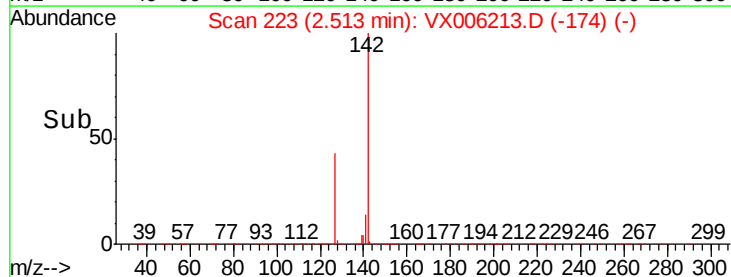
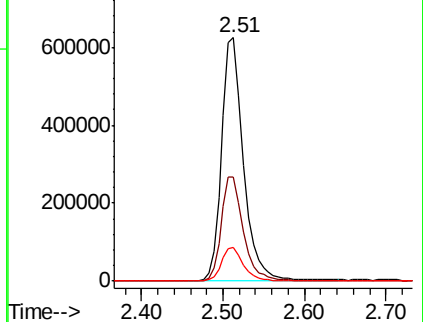
141 14.0 11.4 17.2

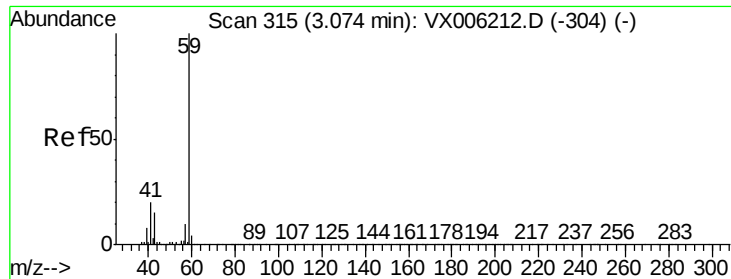


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

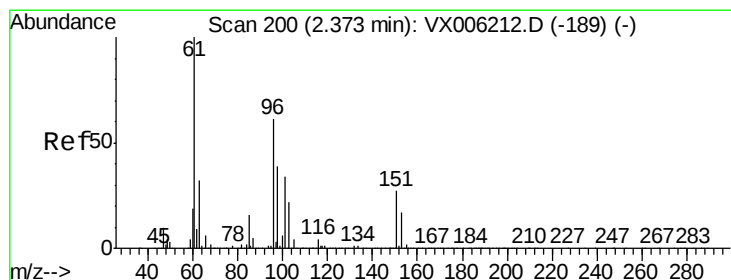
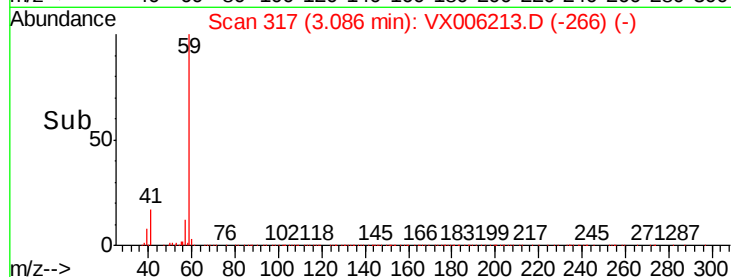
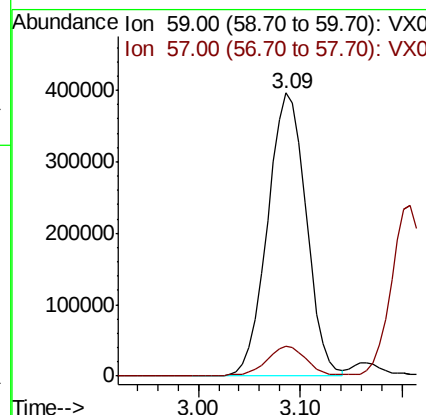
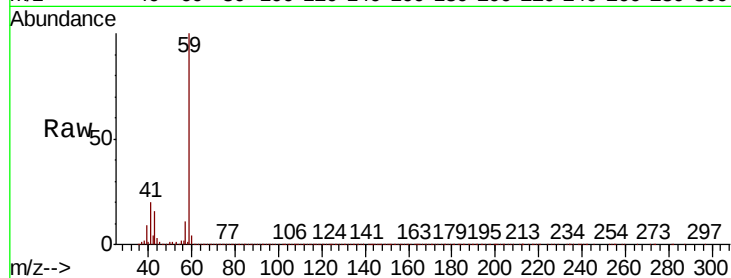




#11
Tert butyl alcohol
Concen: 470.227 ug/l
RT: 3.09 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX006213.D
Acq: 29 Nov 2018 15:52

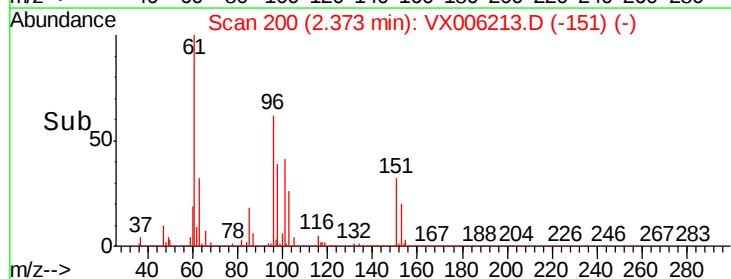
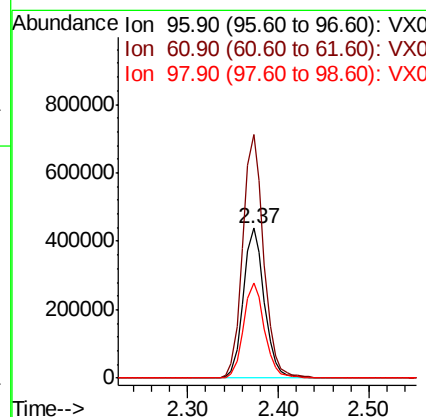
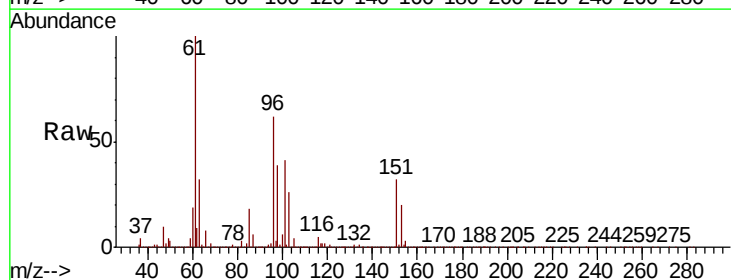
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

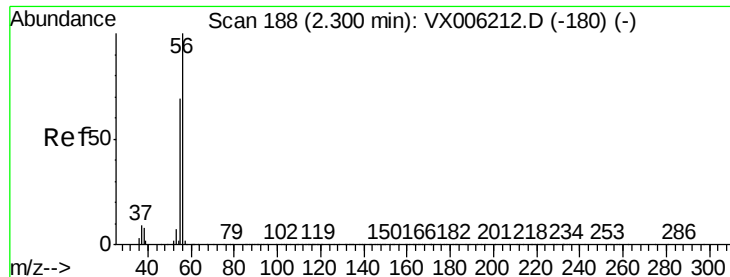
Tgt Ion: 59 Resp: 1037734
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.2



#12
1,1-Dichloroethene
Concen: 98.347 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX006213.D
Acq: 29 Nov 2018 15:52

Tgt Ion: 96 Resp: 703464
Ion Ratio Lower Upper
96 100
61 162.3 131.7 197.5
98 63.5 51.8 77.6





#13

Acrolein

Concen: 489.417 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX006213.D

Acq: 29 Nov 2018 15:52

Instrument :

MSVOA_X

ClientSampleId :

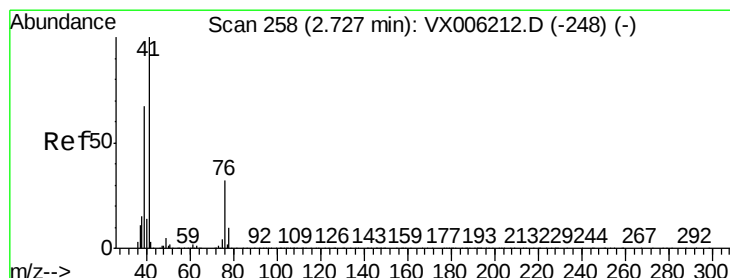
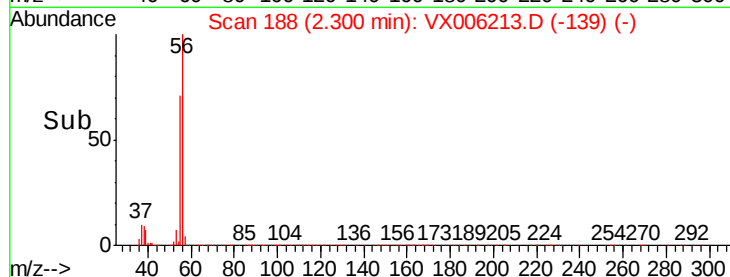
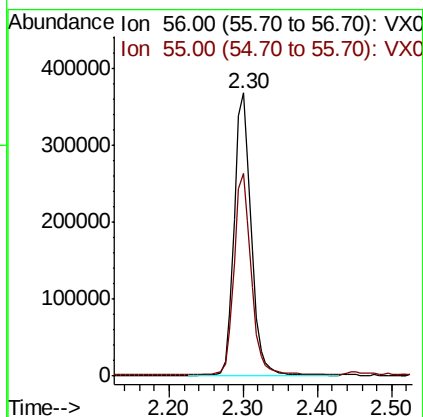
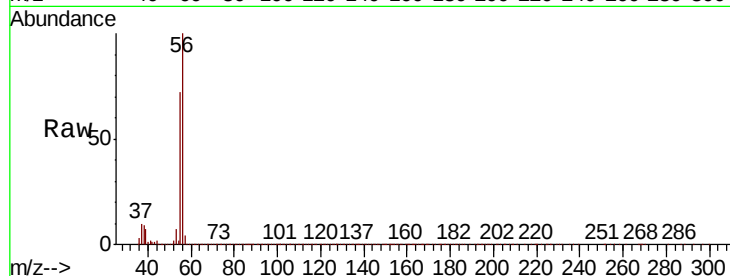
VSTDIC100

Tgt Ion: 56 Resp: 590334

Ion Ratio Lower Upper

56 100

55 71.3 57.8 86.6



#14

Allyl chloride

Concen: 99.042 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX006213.D

Acq: 29 Nov 2018 15:52

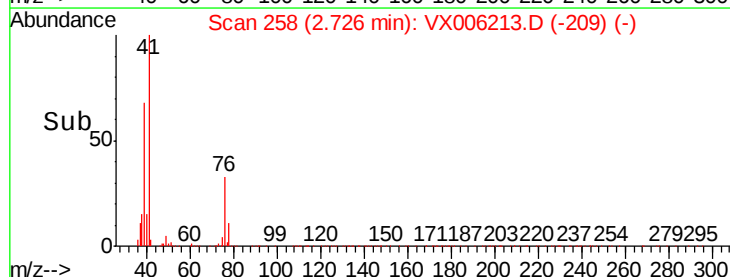
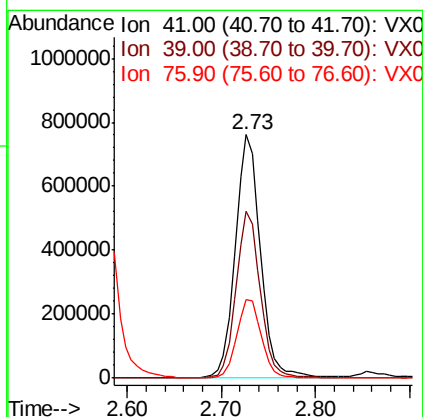
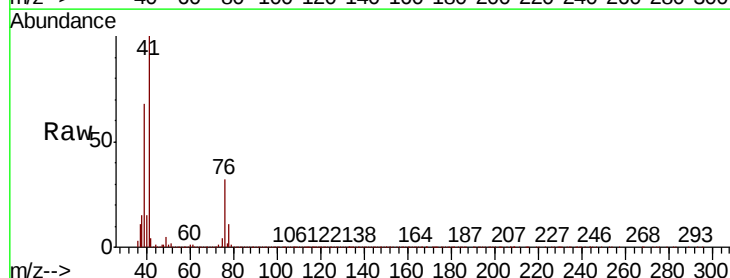
Tgt Ion: 41 Resp: 1399447

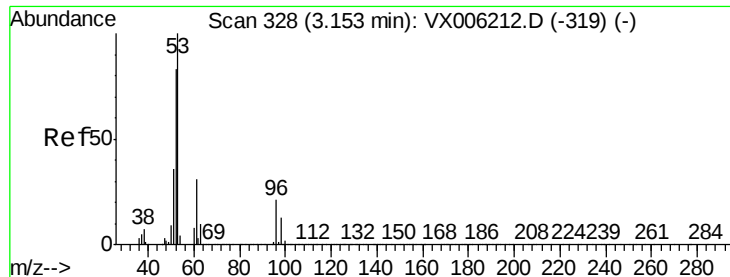
Ion Ratio Lower Upper

41 100

39 65.6 52.4 78.6

76 31.8 25.4 38.0





#15

Acrylonitrile

Concen: 489.765 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX006213.D

Acq: 29 Nov 2018 15:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

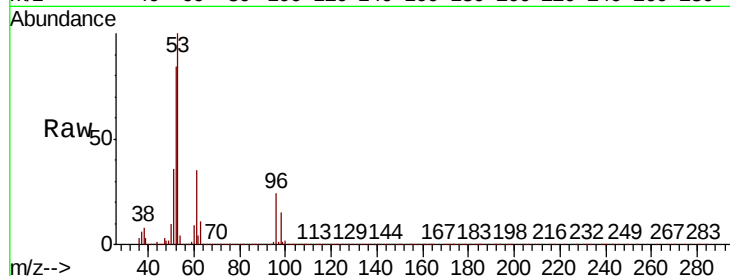
Tgt Ion: 53 Resp: 2255475

Ion Ratio Lower Upper

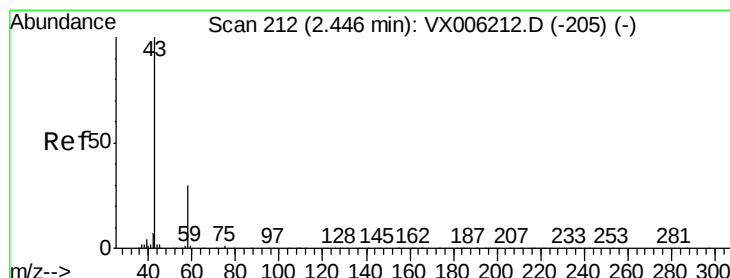
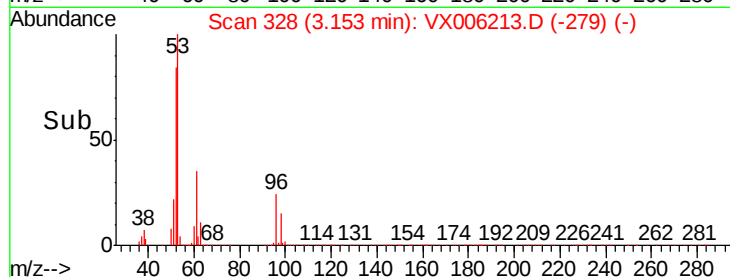
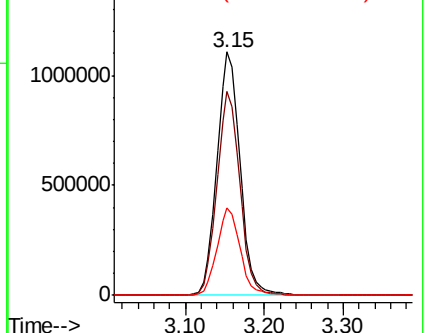
53 100

52 82.9 66.2 99.4

51 36.1 28.7 43.1



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: 492.369 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX006213.D

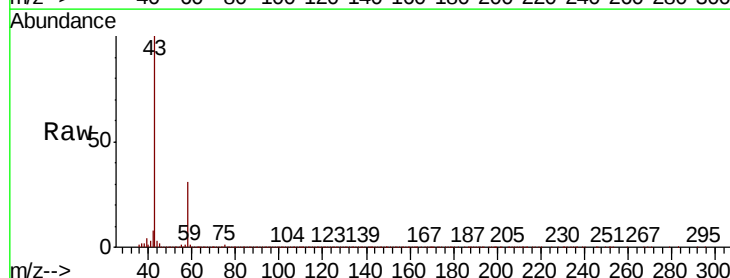
Acq: 29 Nov 2018 15:52

Tgt Ion: 43 Resp: 1864624

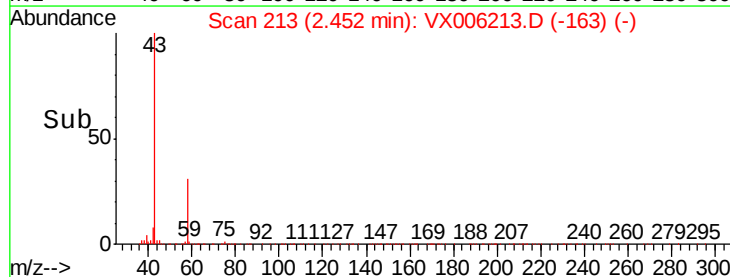
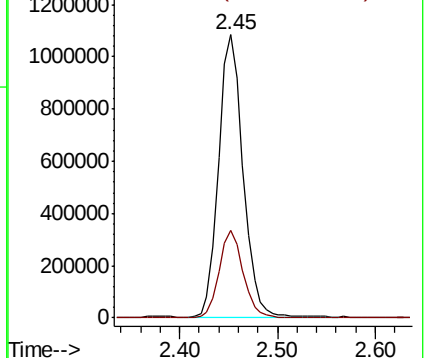
Ion Ratio Lower Upper

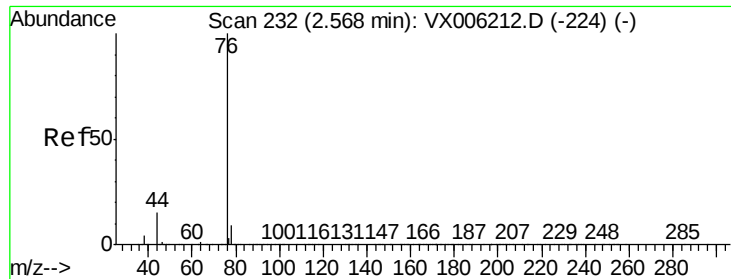
43 100

58 30.9 24.0 36.0



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

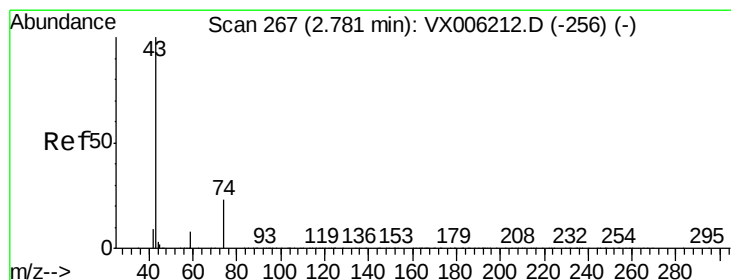
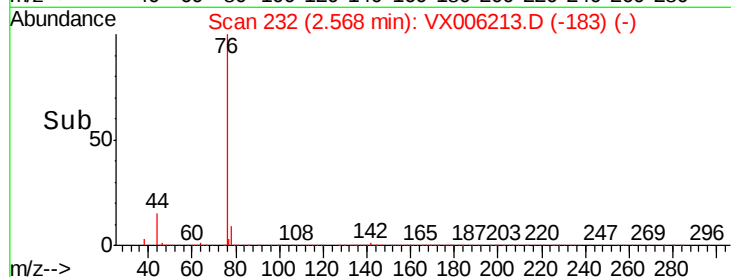
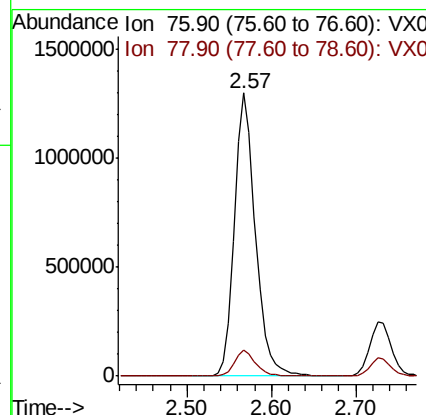
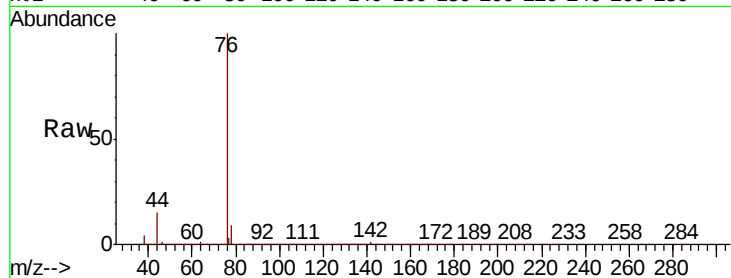




#17
Carbon Disulfide
Concen: 99.738 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX006213.D
Acq: 29 Nov 2018 15:52

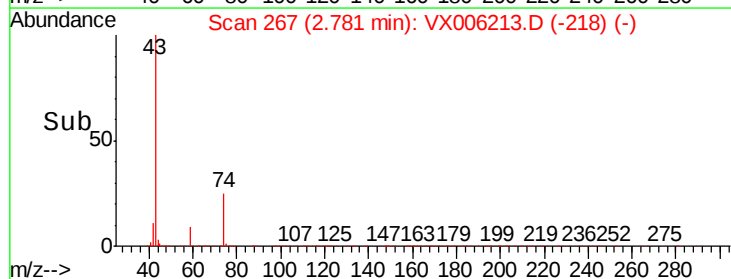
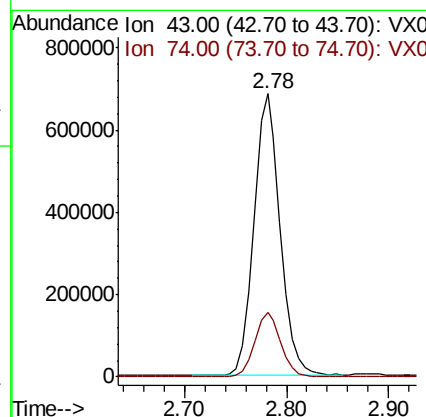
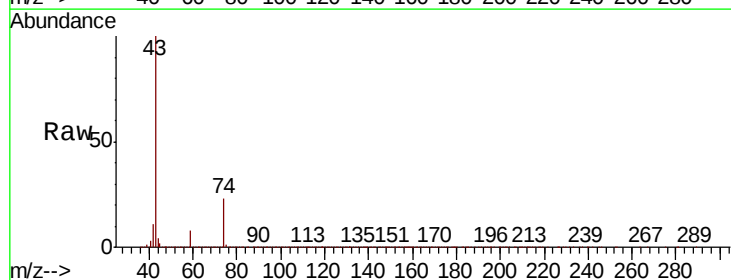
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

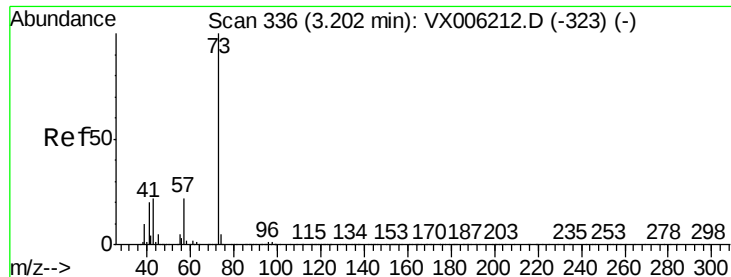
Tgt Ion: 76 Resp: 2198333
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7



#18
Methyl Acetate
Concen: 96.709 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX006213.D
Acq: 29 Nov 2018 15:52

Tgt Ion: 43 Resp: 1224792
Ion Ratio Lower Upper
43 100
74 22.9 17.9 26.9





#19

Methyl tert-butyl Ether

Concen: 98.447 ug/l

RT: 3.21 min Scan# 337

Delta R.T. 0.01 min

Lab File: VX006213.D

Acq: 29 Nov 2018 15:52

Instrument :

MSVOA_X

ClientSampleId :

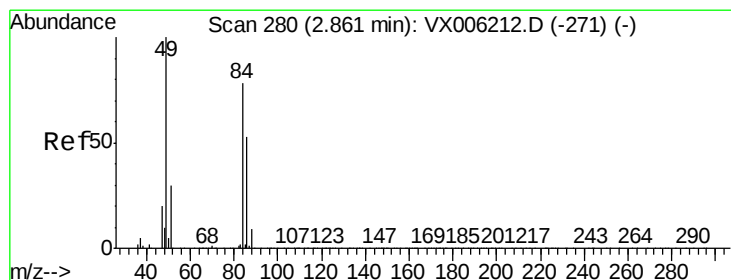
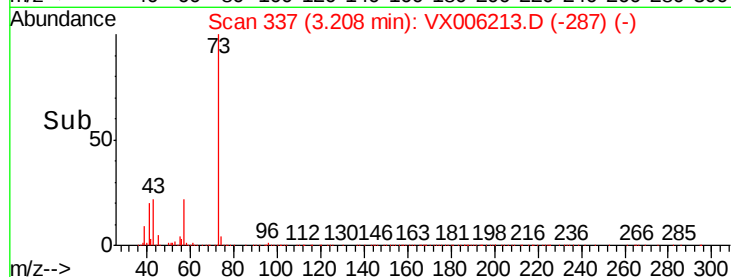
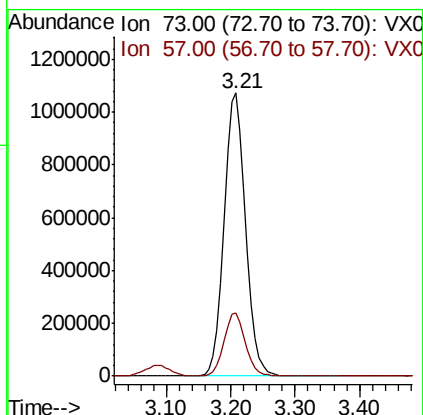
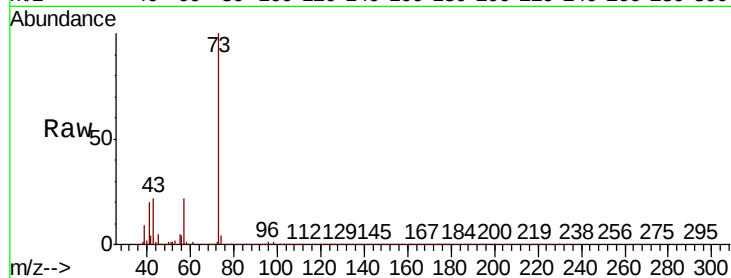
VSTDIC100

Tgt Ion: 73 Resp: 2512094

Ion Ratio Lower Upper

73 100

57 22.1 17.5 26.3



#20

Methylene Chloride

Concen: 94.788 ug/l

RT: 2.86 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX006213.D

Acq: 29 Nov 2018 15:52

Tgt Ion: 84 Resp: 763968

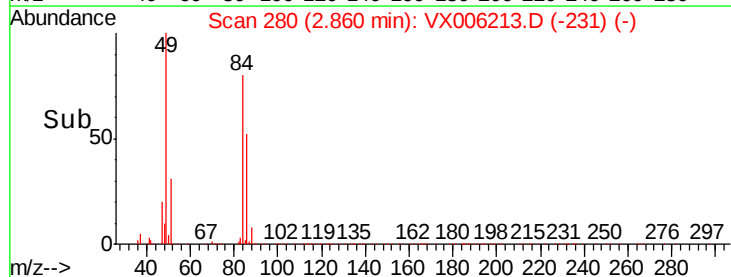
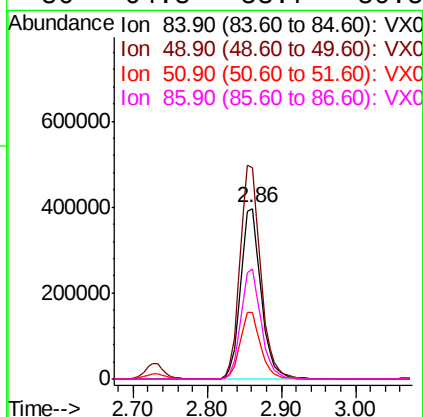
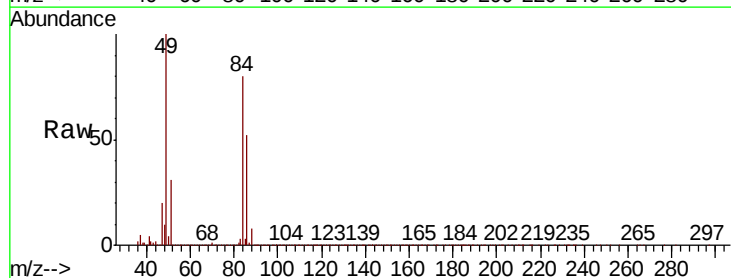
Ion Ratio Lower Upper

84 100

49 124.4 102.2 153.4

51 38.7 31.1 46.7

86 64.8 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 97.890 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006213.D

Acq: 29 Nov 2018 15:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

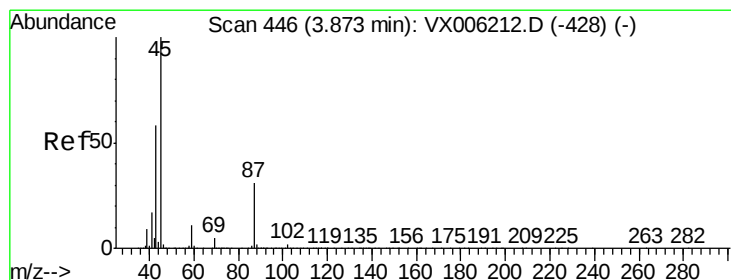
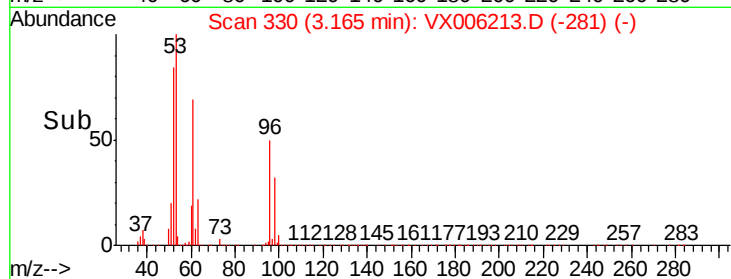
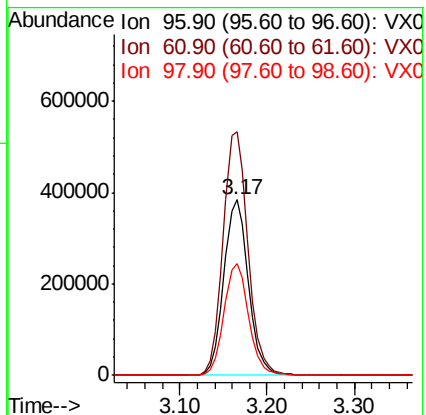
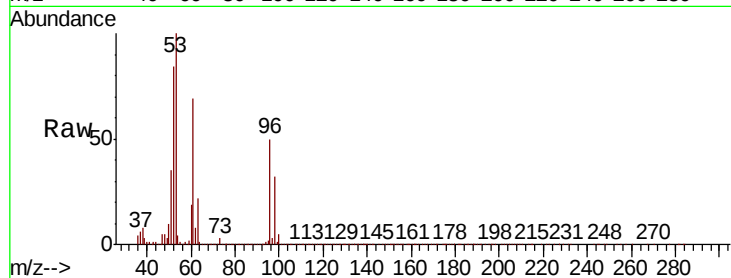
Tgt Ion: 96 Resp: 746174

Ion Ratio Lower Upper

96 100

61 138.6 113.3 169.9

98 63.7 53.2 79.8



#22

Diisopropyl ether

Concen: 98.429 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX006213.D

Acq: 29 Nov 2018 15:52

Tgt Ion: 45 Resp: 2172339

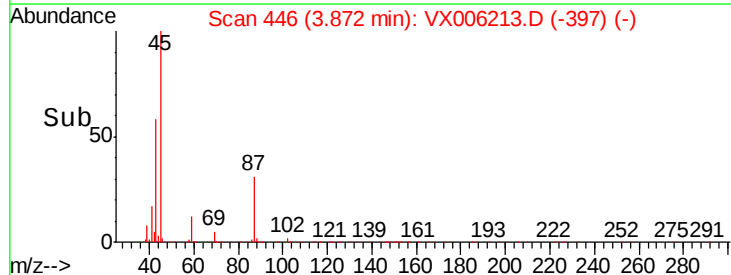
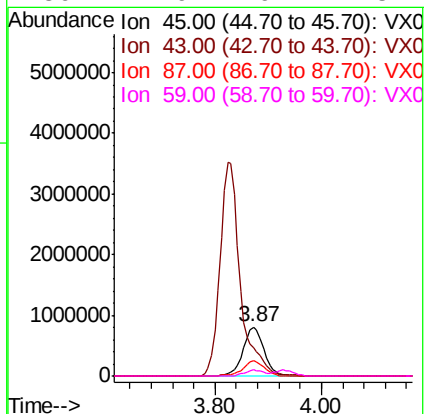
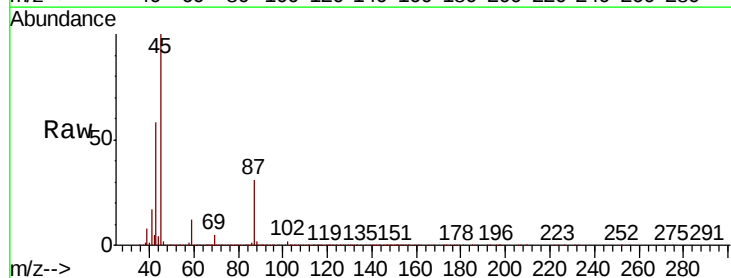
Ion Ratio Lower Upper

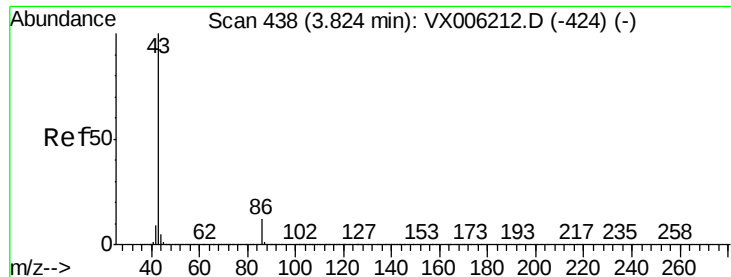
45 100

43 58.2 46.2 69.2

87 30.5 24.9 37.3

59 11.9 9.1 13.7





#23

Vinyl Acetate

Concen: 497.216 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX006213.D

Acq: 29 Nov 2018 15:52

Instrument :

MSVOA_X

ClientSampleId :

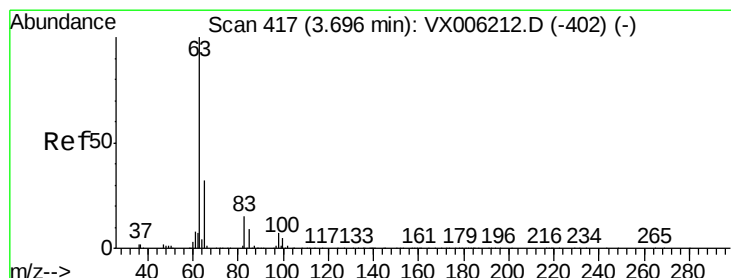
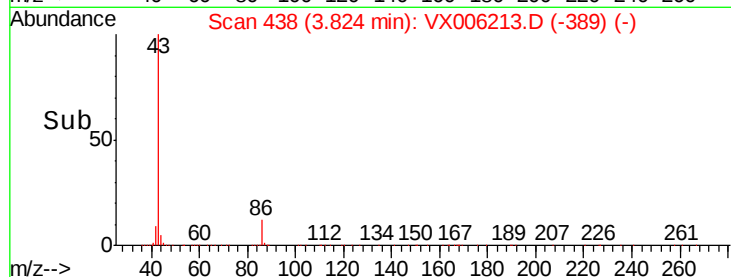
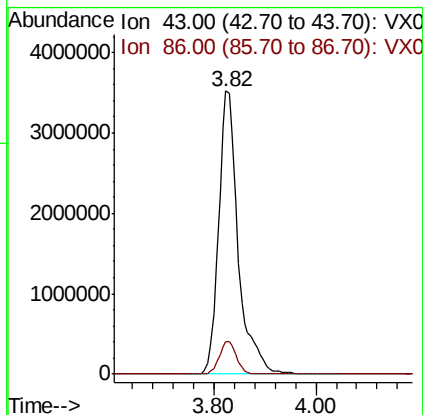
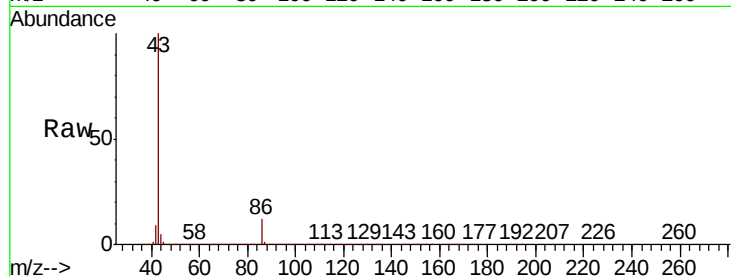
VSTDIC100

Tgt Ion: 43 Resp: 9359580

Ion Ratio Lower Upper

43 100

86 11.5 9.4 14.0



#24

1,1-Dichloroethane

Concen: 96.005 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX006213.D

Acq: 29 Nov 2018 15:52

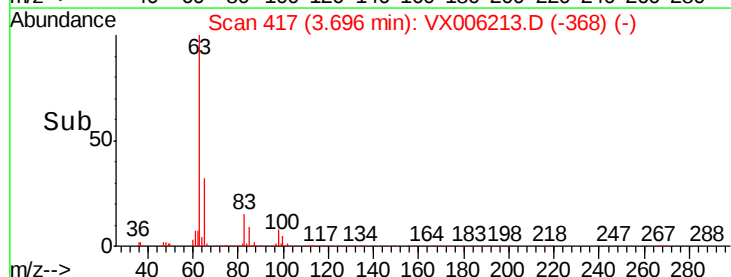
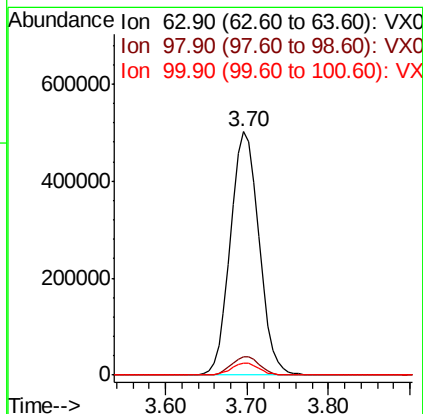
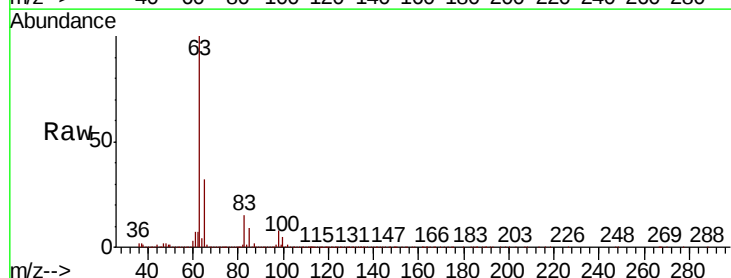
Tgt Ion: 63 Resp: 1211075

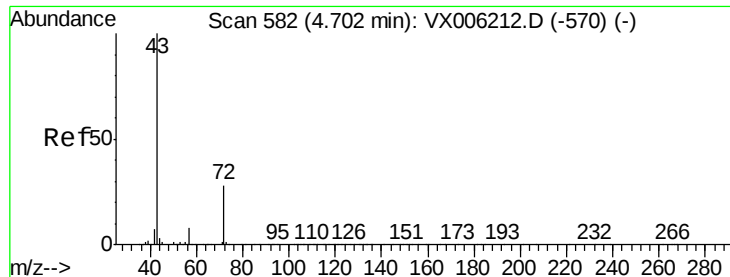
Ion Ratio Lower Upper

63 100

98 7.5 3.8 11.4

100 4.8 2.5 7.4

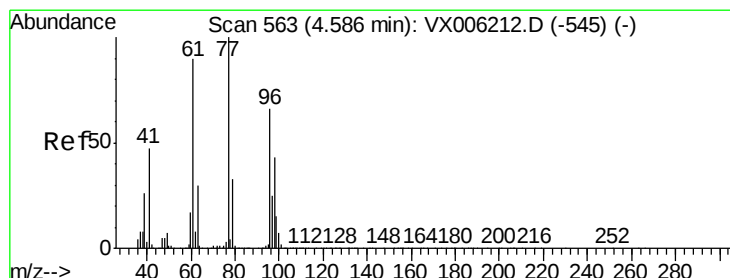
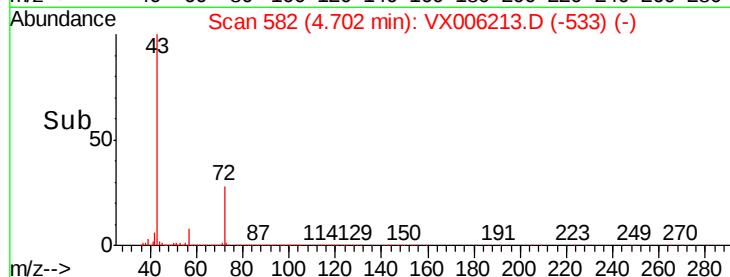
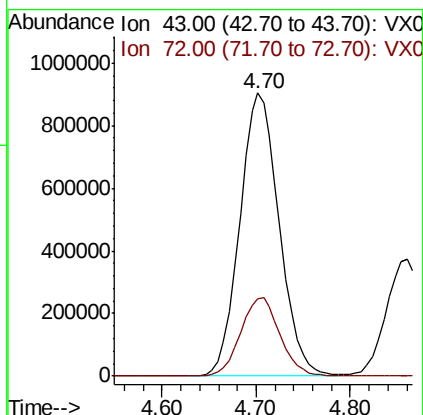
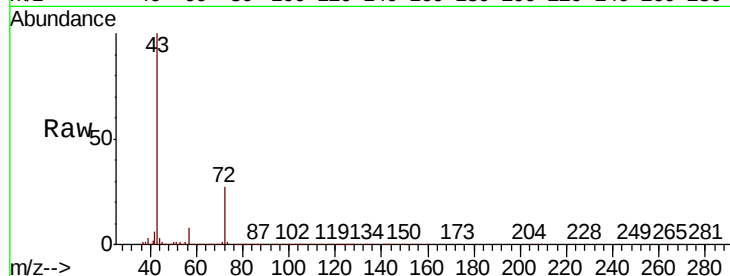




#25
2-Butanone
Concen: 485.981 ug/l
RT: 4.70 min Scan# 582
Delta R.T. -0.00 min
Lab File: VX006213.D
Acq: 29 Nov 2018 15:52

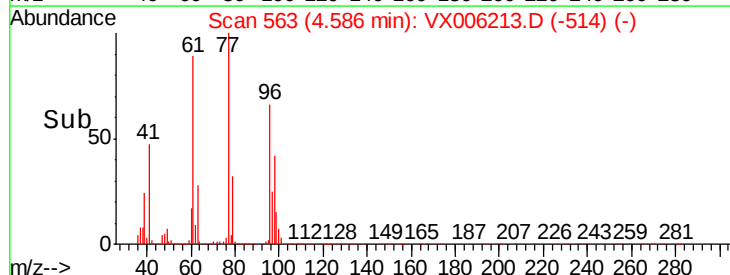
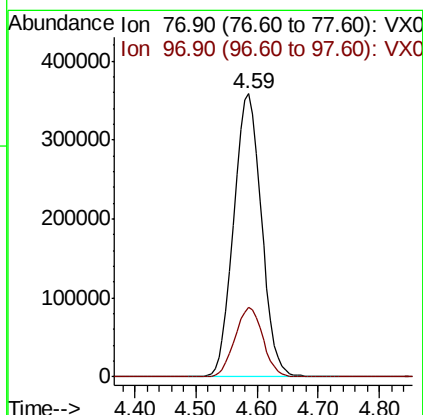
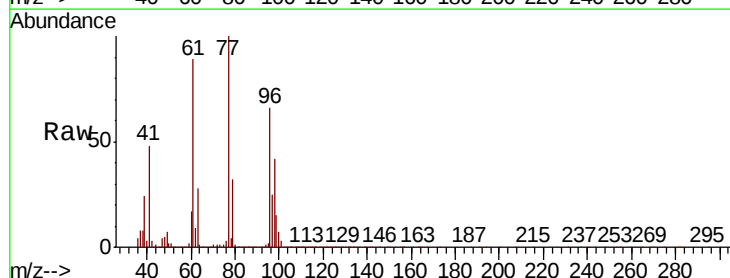
Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

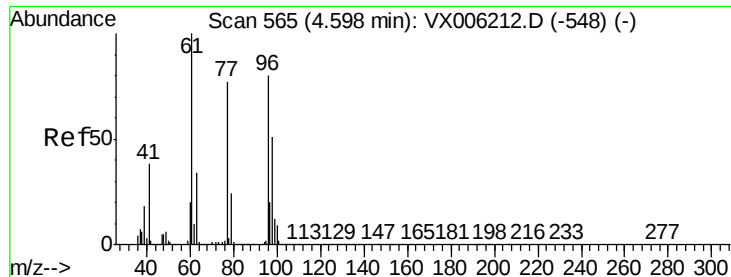
Tgt Ion: 43 Resp: 2626036
Ion Ratio Lower Upper
43 100
72 27.4 22.6 33.8



#26
2,2-Dichloropropane
Concen: 96.180 ug/l
RT: 4.59 min Scan# 563
Delta R.T. -0.00 min
Lab File: VX006213.D
Acq: 29 Nov 2018 15:52

Tgt Ion: 77 Resp: 1119728
Ion Ratio Lower Upper
77 100
97 24.7 12.3 36.8



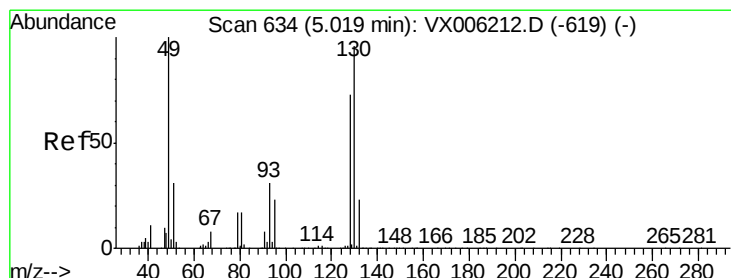
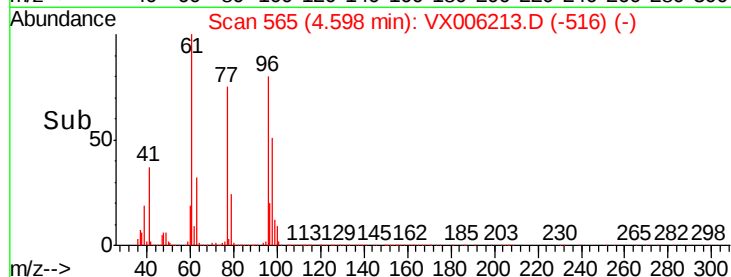
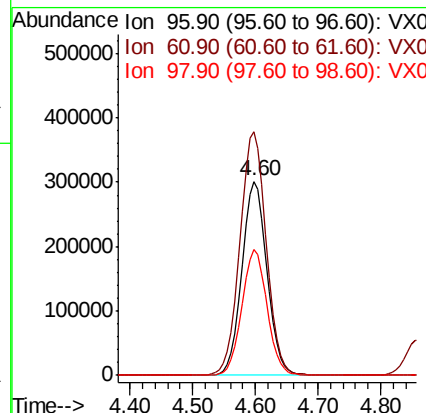
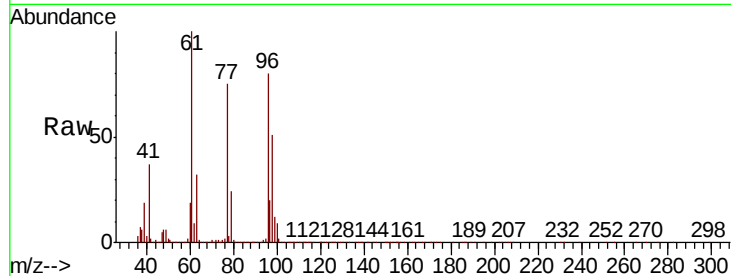


#27

cis-1,2-Dichloroethene
Concen: 97.835 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX006213.D
Acq: 29 Nov 2018 15:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

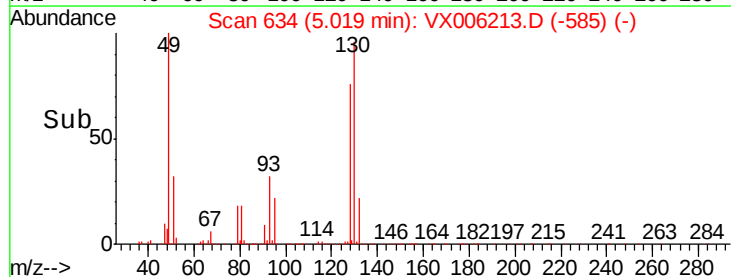
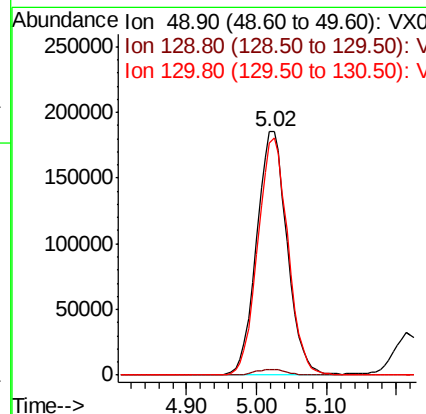
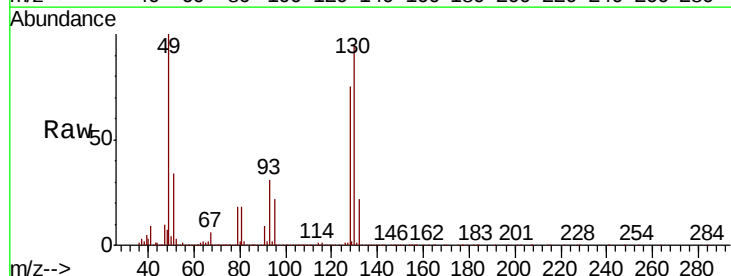
Tgt Ion	Ratio	Lower	Upper
96	100		
61	132.1	0.0	265.0
98	65.1	0.0	130.2

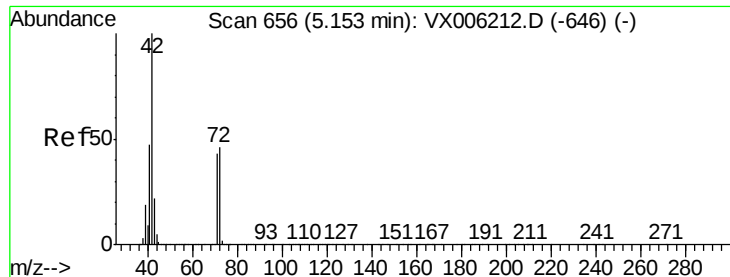


#28

Bromochloromethane
Concen: 102.137 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX006213.D
Acq: 29 Nov 2018 15:52

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.0
130	96.5	78.3	117.5





#29

Tetrahydrofuran

Concen: 483.317 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX006213.D

Acq: 29 Nov 2018 15:52

Instrument :

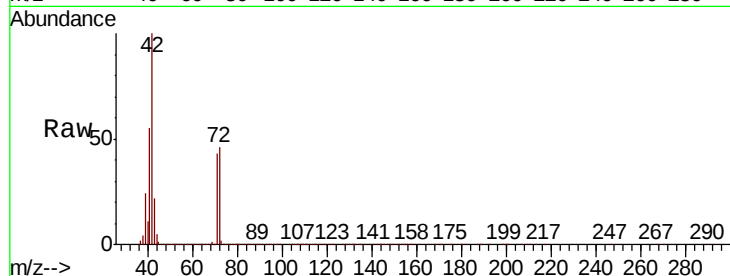
MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 42 Resp: 1815087

Ion	Ratio	Lower	Upper
42	100		
72	46.8	37.8	56.8
71	43.6	35.2	52.8

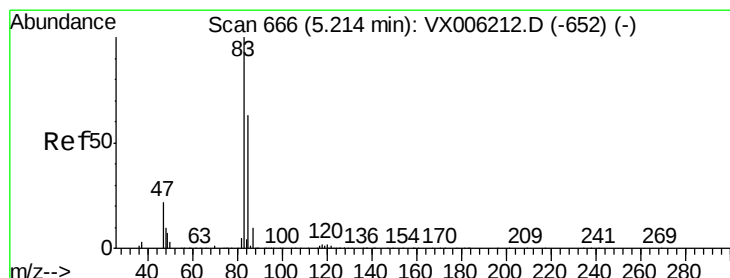
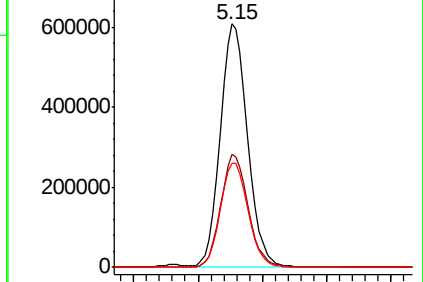
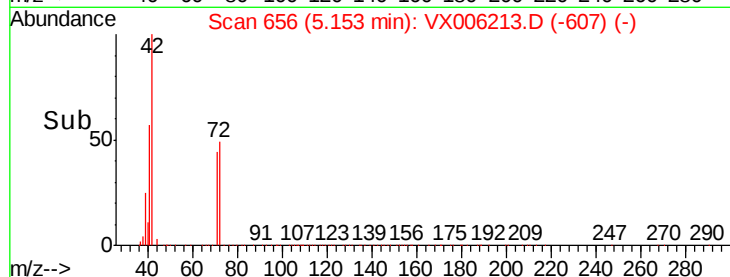


Abundance

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: 96.973 ug/l

RT: 5.22 min Scan# 667

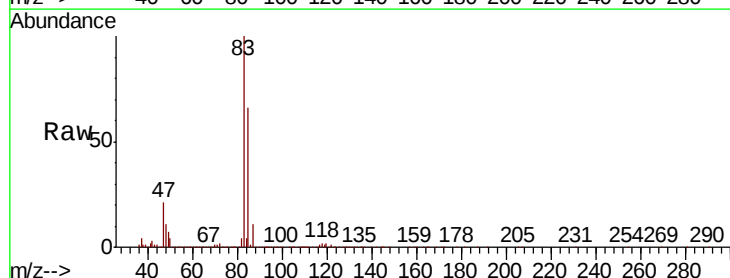
Delta R.T. 0.01 min

Lab File: VX006213.D

Acq: 29 Nov 2018 15:52

Tgt Ion: 83 Resp: 1285526

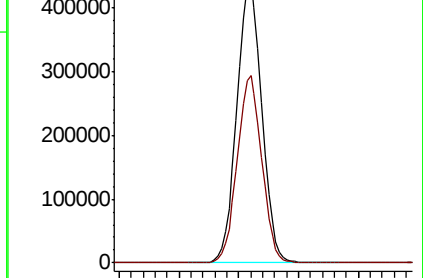
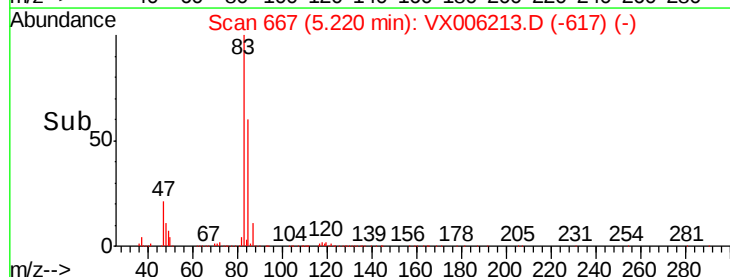
Ion	Ratio	Lower	Upper
83	100		
85	66.0	50.3	75.5

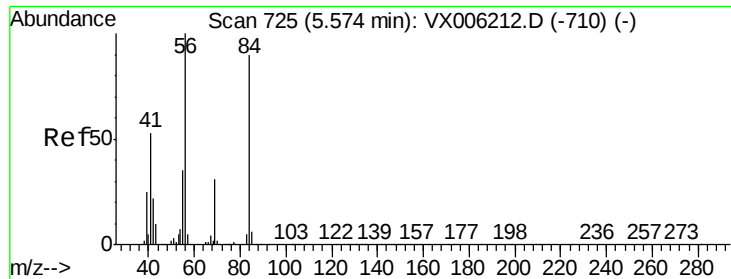


Abundance

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

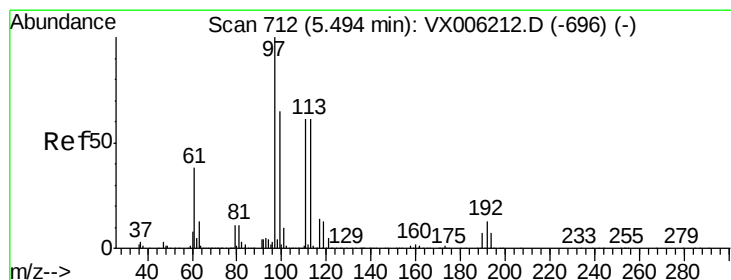
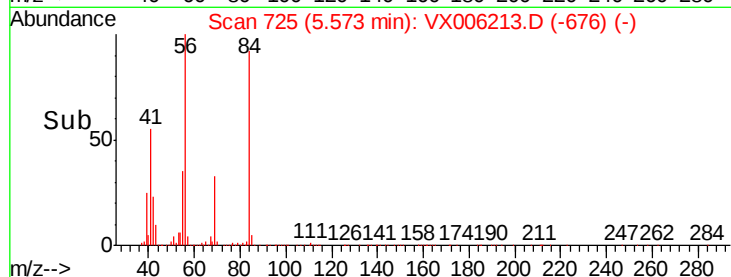
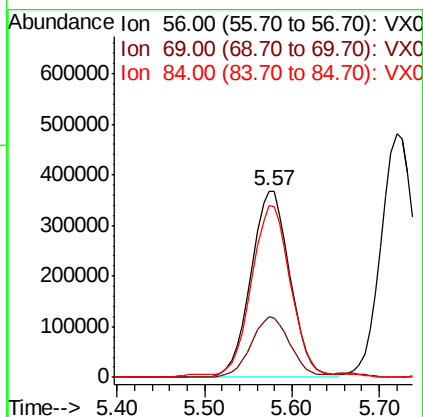
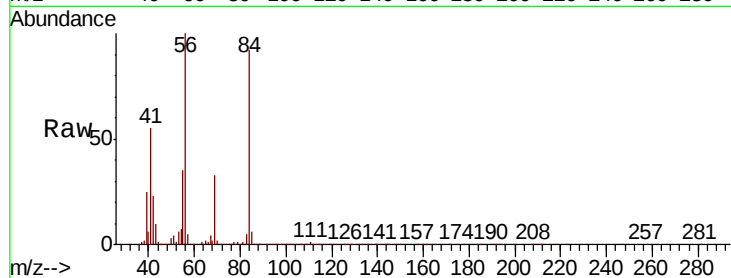




#31
Cyclohexane
Concen: 97.520 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX006213.D
Acq: 29 Nov 2018 15:52

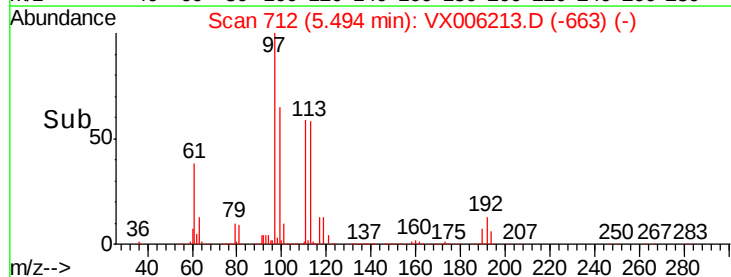
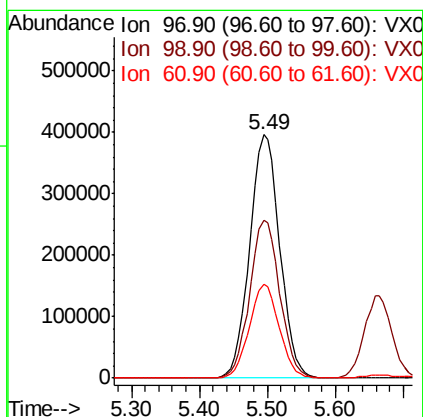
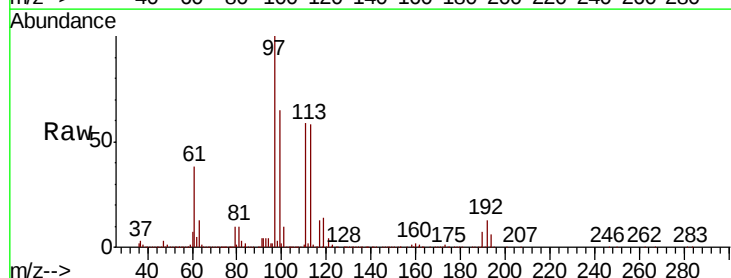
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 56 Resp: 1136891
Ion Ratio Lower Upper
56 100
69 32.8 24.5 36.7
84 91.0 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 96.786 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX006213.D
Acq: 29 Nov 2018 15:52

Tgt Ion: 97 Resp: 1220775
Ion Ratio Lower Upper
97 100
99 65.1 51.6 77.4
61 38.3 30.6 46.0

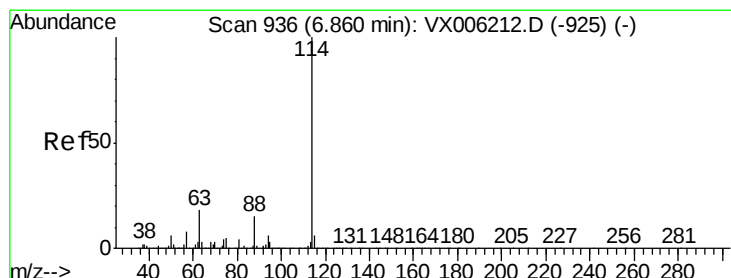
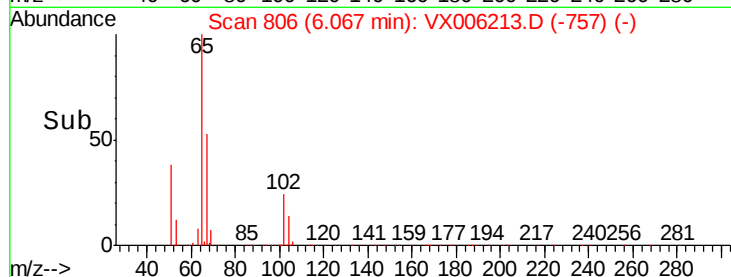
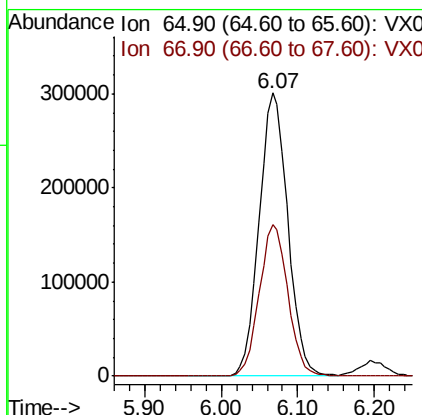
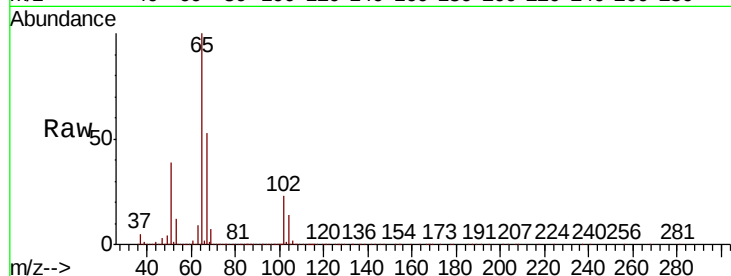




#33
 1,2-Dichloroethane-d4
 Concen: 97.362 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX006213.D
 Acq: 29 Nov 2018 15:52

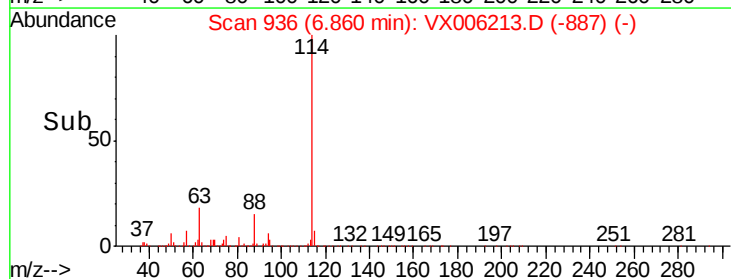
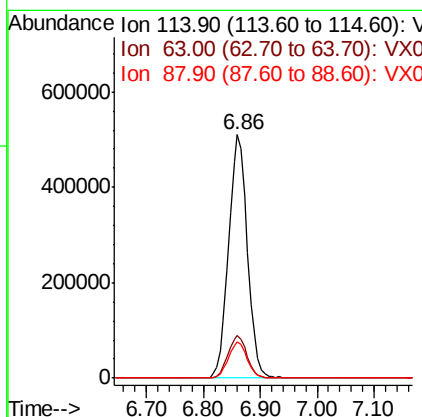
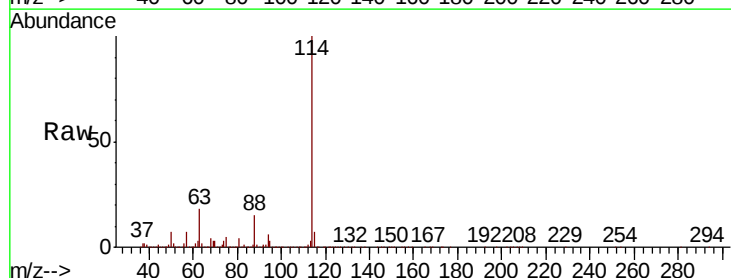
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion: 65 Resp: 785685
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX006213.D
 Acq: 29 Nov 2018 15:52

Tgt Ion: 114 Resp: 1173716
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 36.6
 88 14.7 0.0 29.0





#35

Dibromofluoromethane

Concen: 98.384 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006213.D

Acq: 29 Nov 2018 15:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

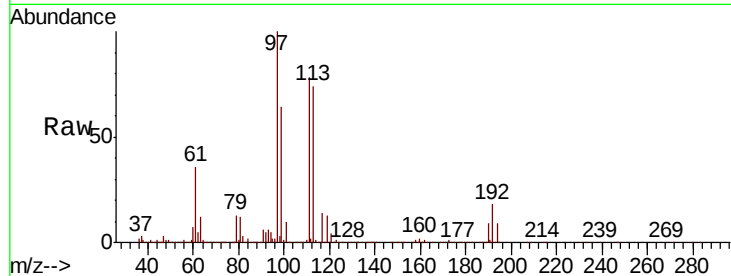
Tgt Ion: 113 Resp: 747658

Ion Ratio Lower Upper

113 100

111 102.6 81.1 121.7

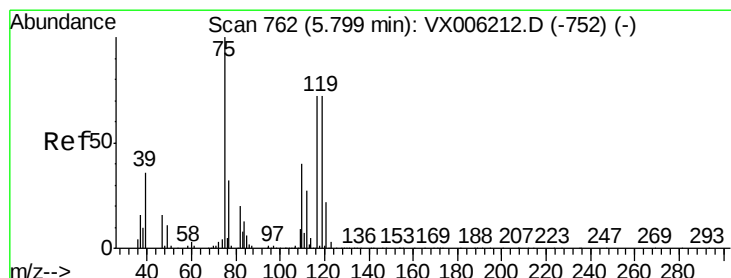
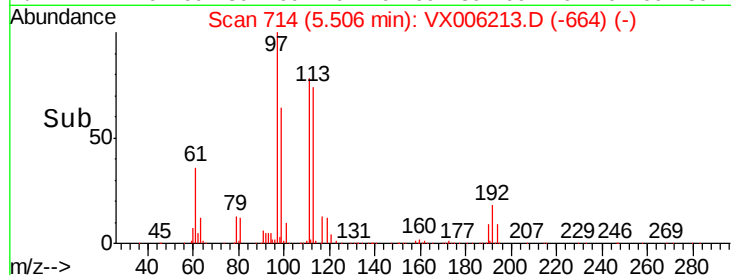
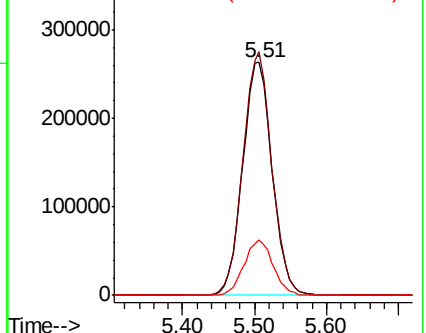
192 23.4 18.2 27.2



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: 98.801 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX006213.D

Acq: 29 Nov 2018 15:52

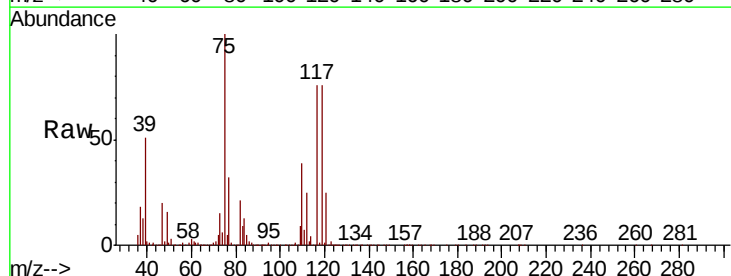
Tgt Ion: 75 Resp: 976539

Ion Ratio Lower Upper

75 100

110 40.2 20.4 61.3

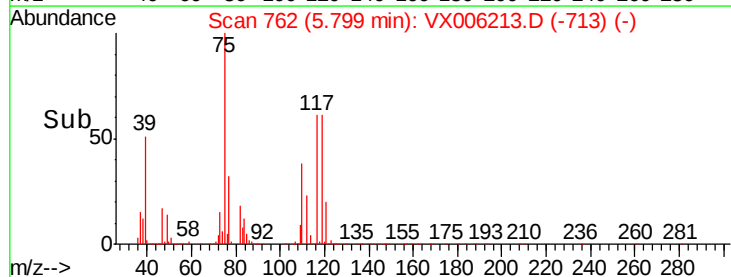
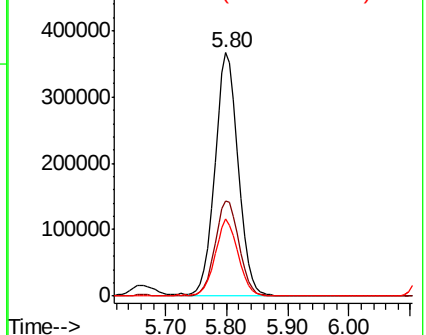
77 30.9 24.9 37.3

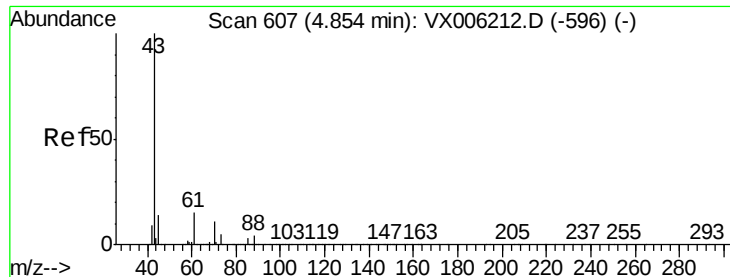


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

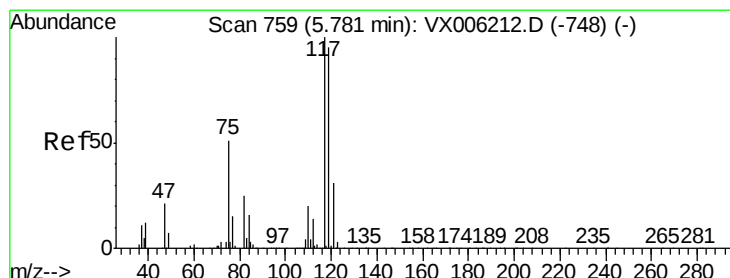
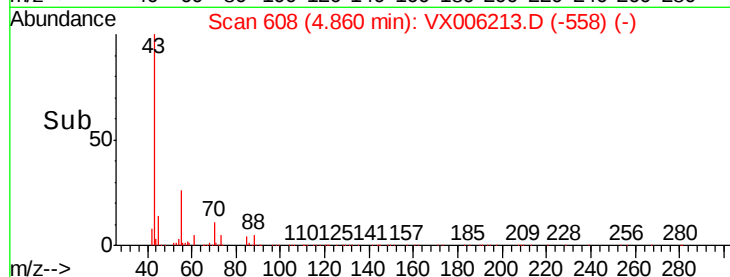
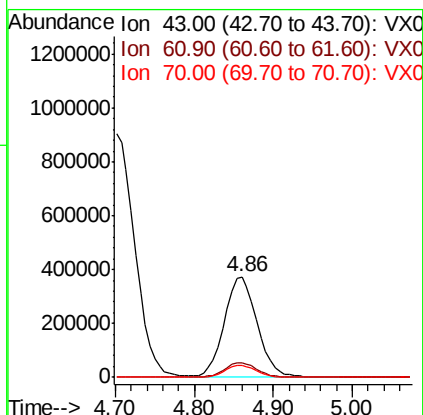
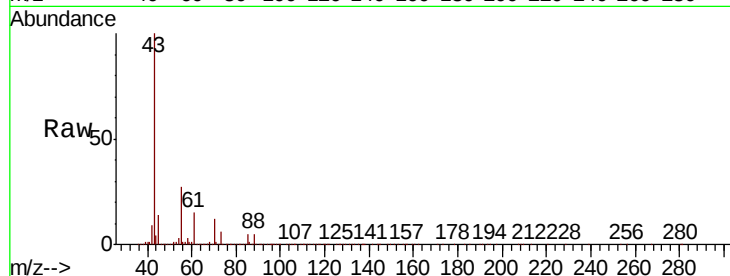




#37
Ethyl Acetate
Concen: 96.980 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX006213.D
Acq: 29 Nov 2018 15:52

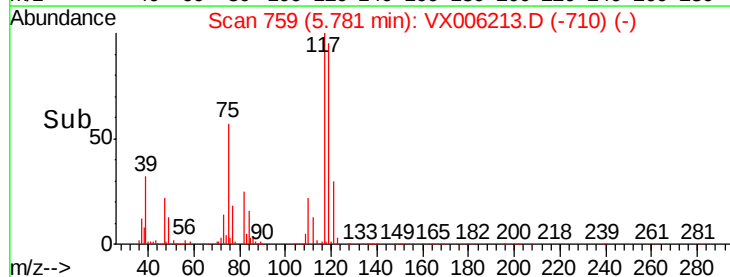
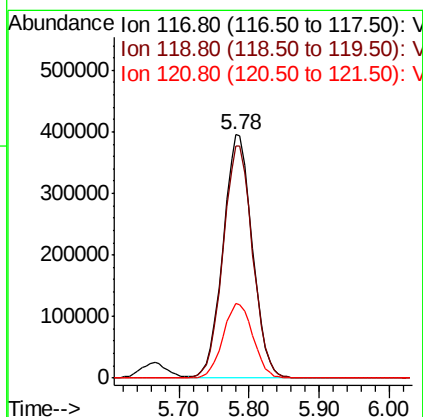
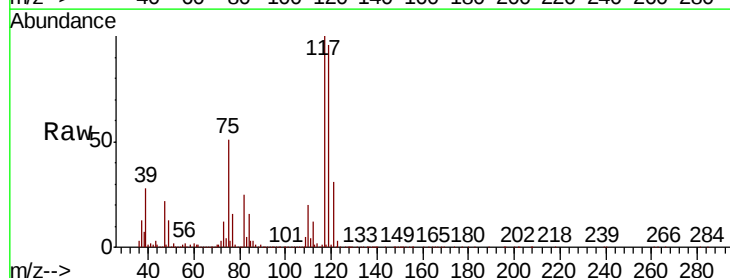
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

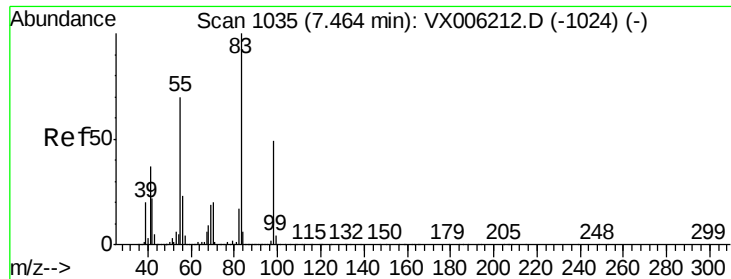
Tgt Ion: 43 Resp: 1073442
Ion Ratio Lower Upper
43 100
61 14.5 11.5 17.3
70 11.6 9.0 13.6



#38
Carbon Tetrachloride
Concen: 98.593 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX006213.D
Acq: 29 Nov 2018 15:52

Tgt Ion: 117 Resp: 1146400
Ion Ratio Lower Upper
117 100
119 95.5 75.8 113.8
121 30.6 24.6 37.0

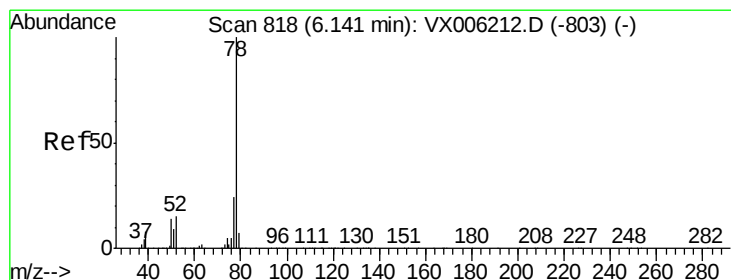
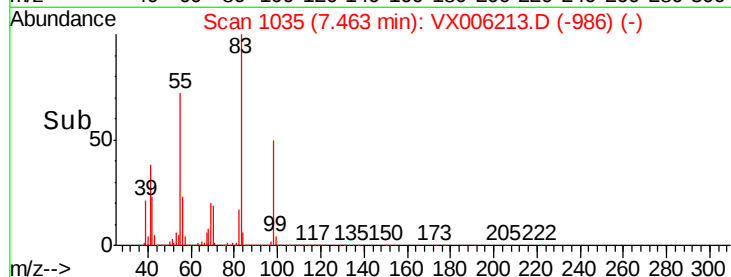
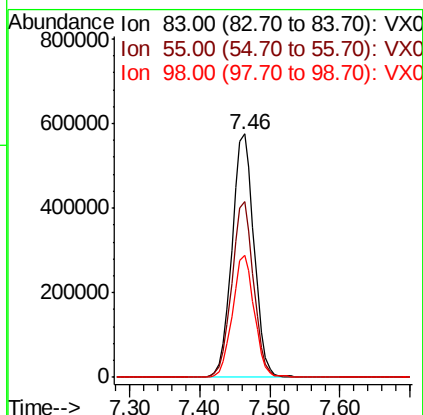
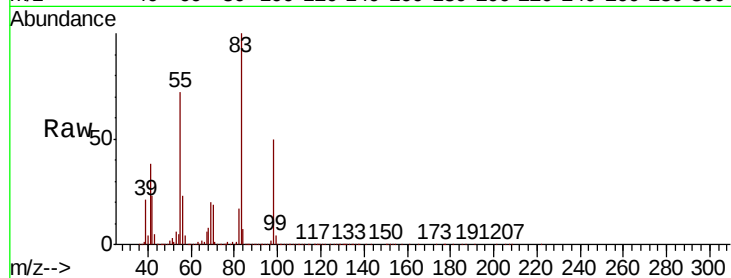




#39
Methylcyclohexane
Concen: 97.901 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX006213.D
Acq: 29 Nov 2018 15:52

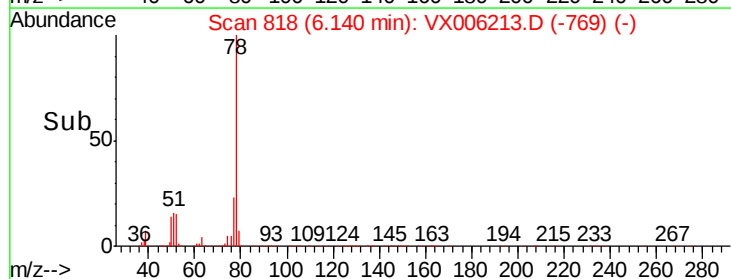
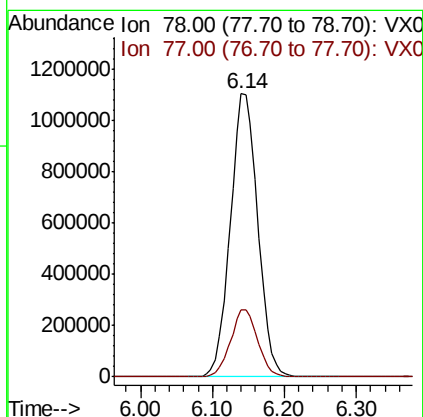
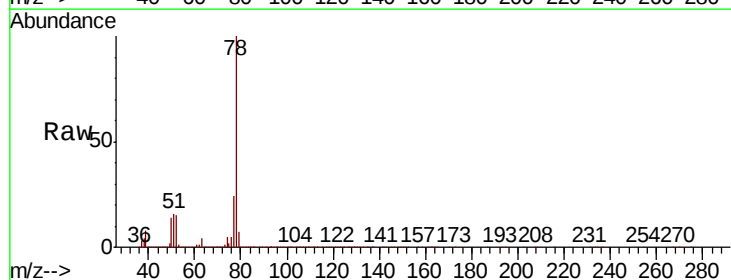
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 83 Resp: 1256045
Ion Ratio Lower Upper
83 100
55 72.2 56.4 84.6
98 49.9 39.0 58.6



#40
Benzene
Concen: 98.640 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX006213.D
Acq: 29 Nov 2018 15:52

Tgt Ion: 78 Resp: 2920049
Ion Ratio Lower Upper
78 100
77 23.7 19.2 28.8





#41

Methacrylonitrile

Concen: 94.350 ug/l

RT: 5.06 min Scan# 641

Delta R.T. -0.00 min

Lab File: VX006213.D

Acq: 29 Nov 2018 15:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 41 Resp: 574646

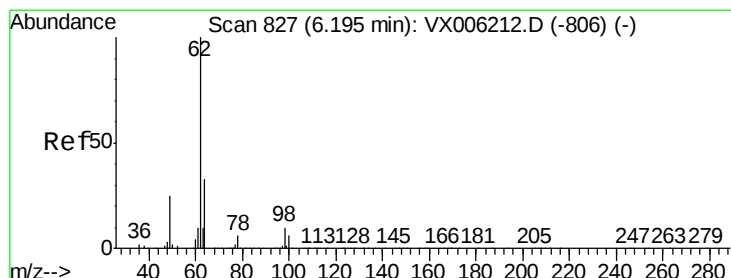
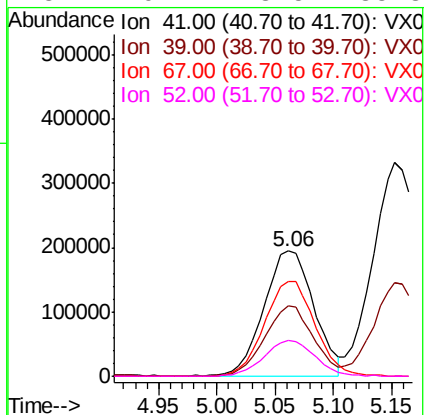
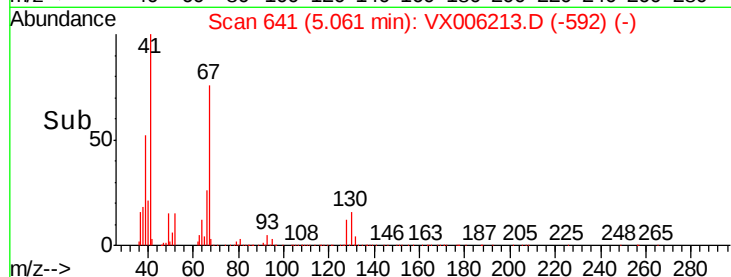
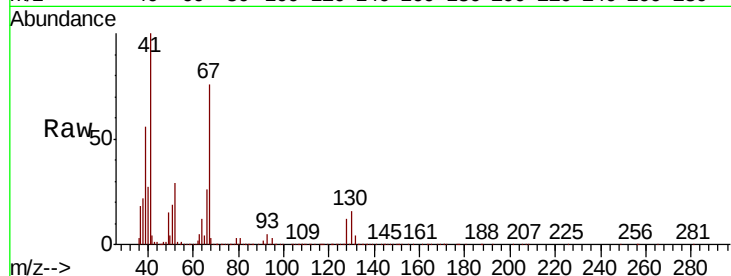
Ion Ratio Lower Upper

41 100

39 54.1 44.0 66.0

67 76.9 61.4 92.0

52 29.2 23.5 35.3



#42

1,2-Dichloroethane

Concen: 98.581 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX006213.D

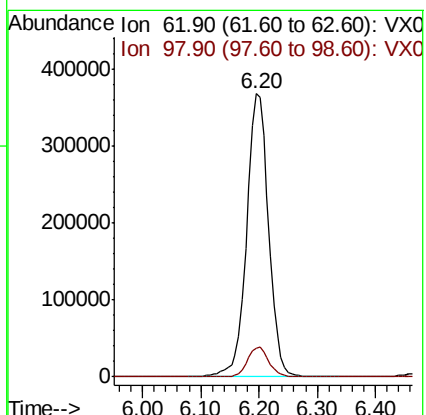
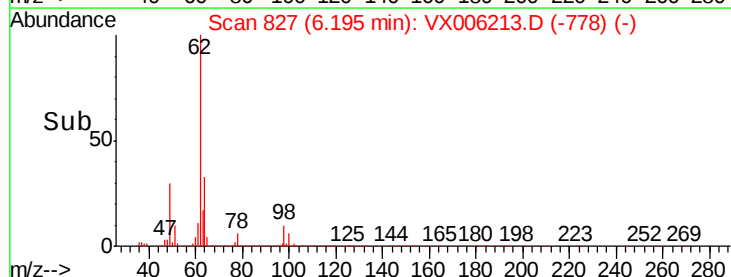
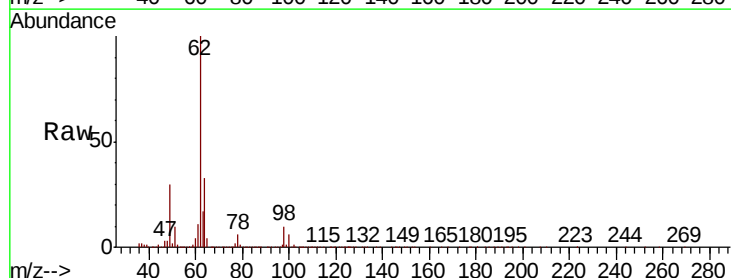
Acq: 29 Nov 2018 15:52

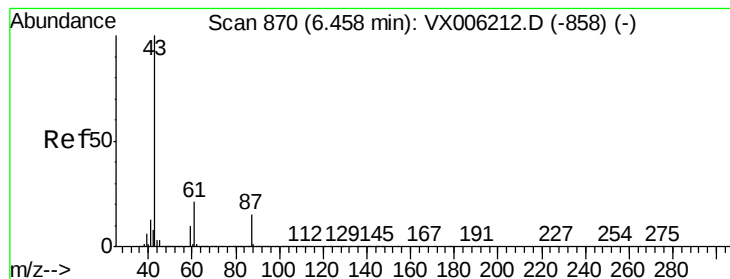
Tgt Ion: 62 Resp: 955107

Ion Ratio Lower Upper

62 100

98 10.2 0.0 20.2





#43

Isopropyl Acetate

Concen: 97.731 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX006213.D

Acq: 29 Nov 2018 15:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

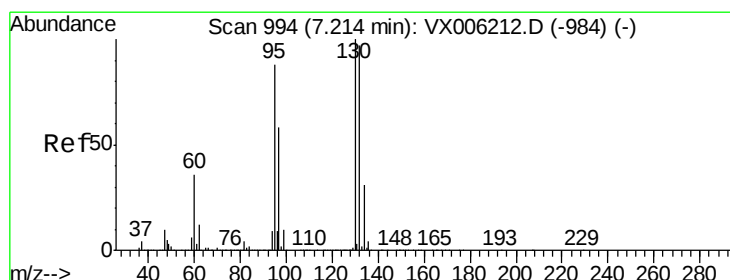
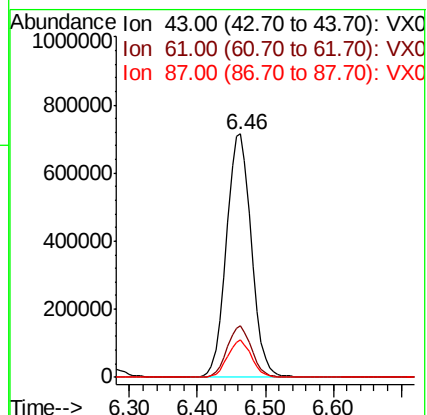
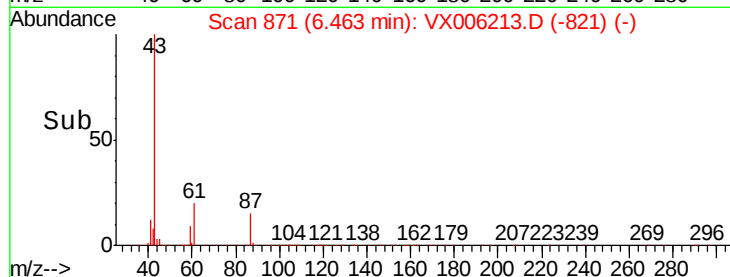
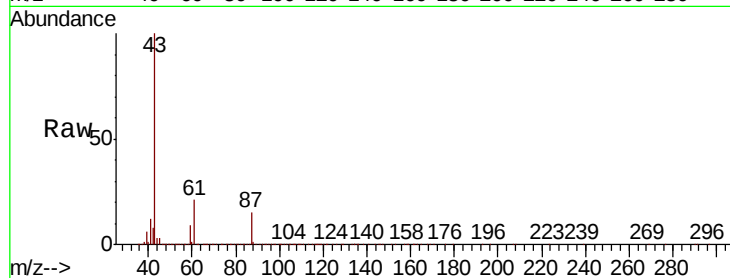
Tgt Ion: 43 Resp: 1803645

Ion Ratio Lower Upper

43 100

61 20.8 16.8 25.2

87 14.9 11.9 17.9



#44

Trichloroethene

Concen: 99.410 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX006213.D

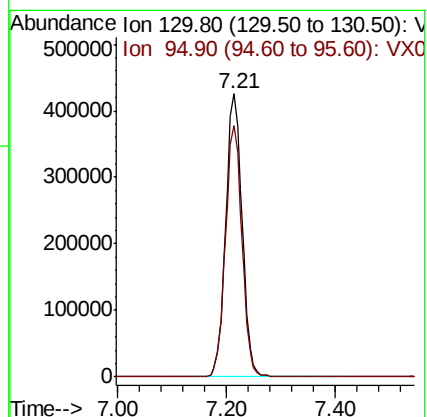
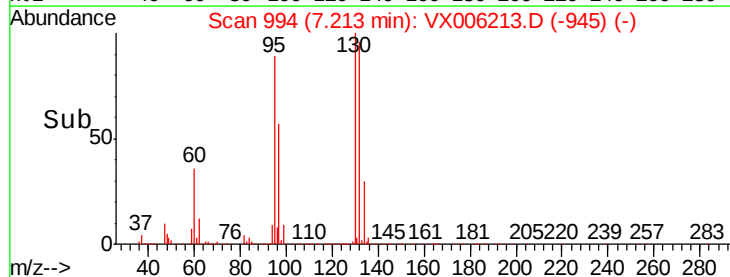
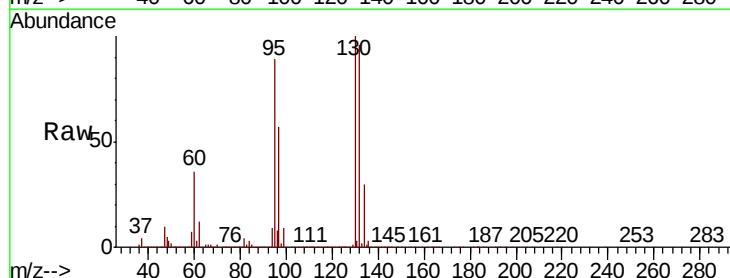
Acq: 29 Nov 2018 15:52

Tgt Ion: 130 Resp: 891515

Ion Ratio Lower Upper

130 100

95 88.7 0.0 175.8





#45

1,2-Dichloropropane

Concen: 97.574 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX006213.D

Acq: 29 Nov 2018 15:52

Instrument :

MSVOA_X

ClientSampleId :

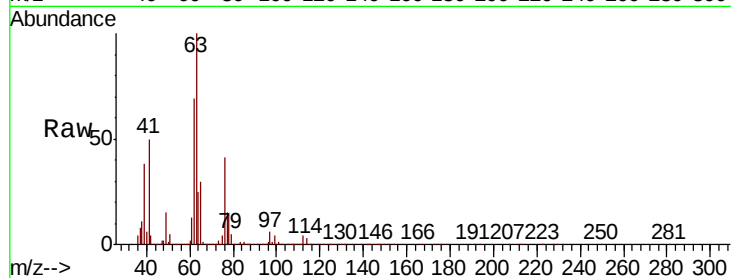
VSTDIC100

Tgt Ion: 63 Resp: 734117

Ion Ratio Lower Upper

63 100

65 30.3 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.52

400000

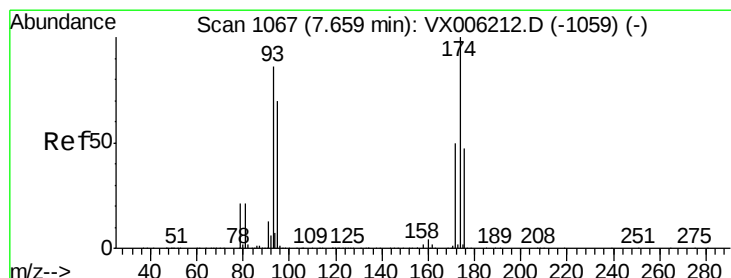
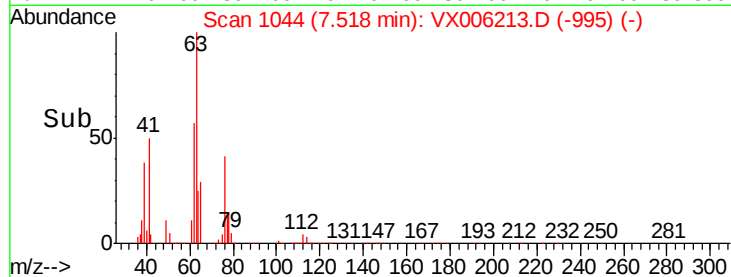
300000

200000

100000

0

Time-->



#46

Dibromomethane

Concen: 98.340 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX006213.D

Acq: 29 Nov 2018 15:52

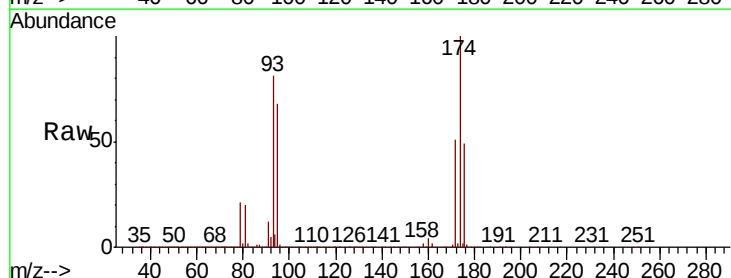
Tgt Ion: 93 Resp: 534357

Ion Ratio Lower Upper

93 100

95 83.6 66.2 99.4

174 122.7 97.2 145.8



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

400000

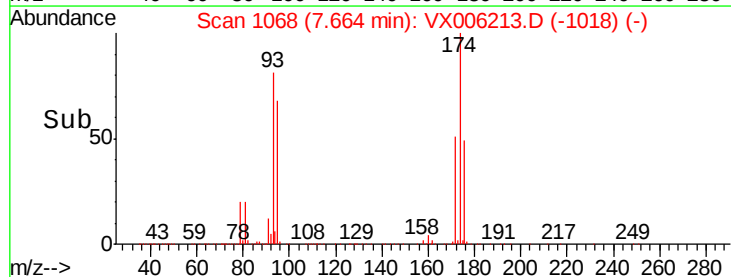
300000

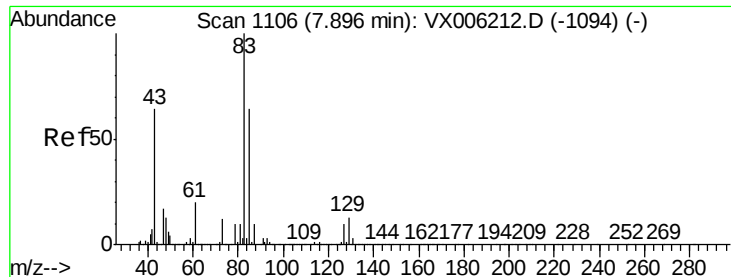
200000

100000

0

Time-->





#47

Bromodichloromethane

Concen: 99.341 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX006213.D

Acq: 29 Nov 2018 15:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

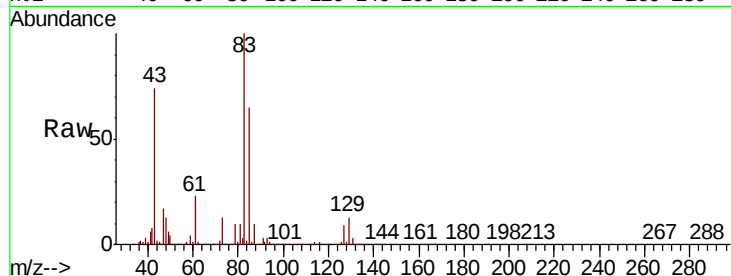
Tgt Ion: 83 Resp: 1045334

Ion Ratio Lower Upper

83 100

85 64.8 51.4 77.0

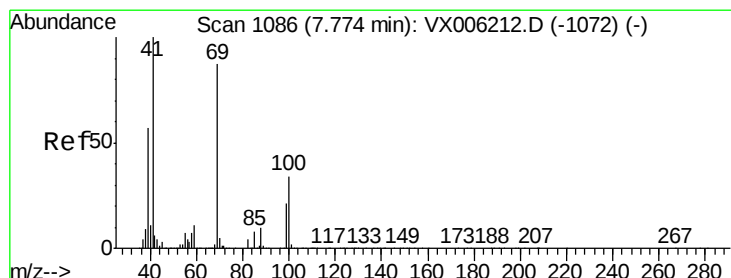
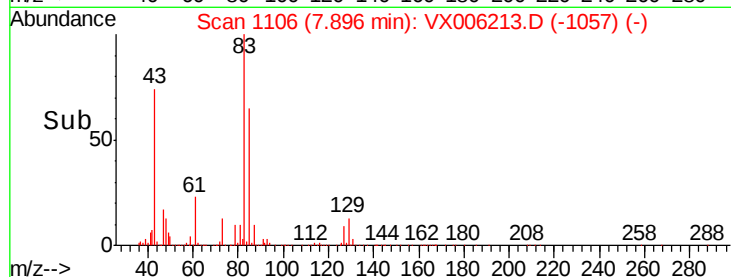
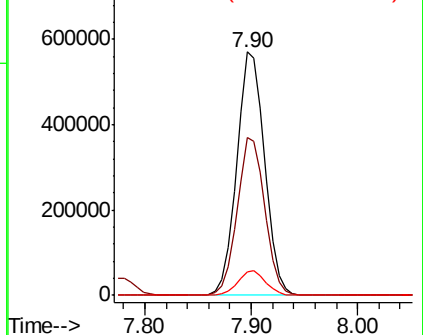
127 9.4 7.9 11.9



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: 98.095 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX006213.D

Acq: 29 Nov 2018 15:52

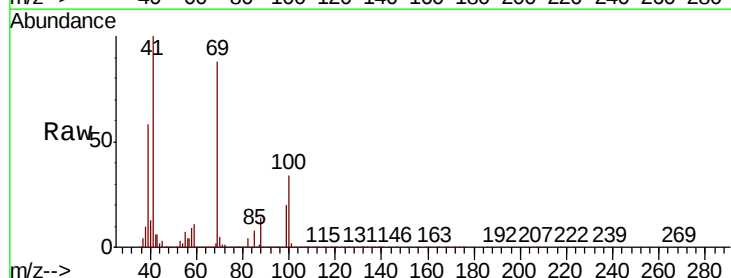
Tgt Ion: 41 Resp: 880694

Ion Ratio Lower Upper

41 100

69 87.8 70.3 105.5

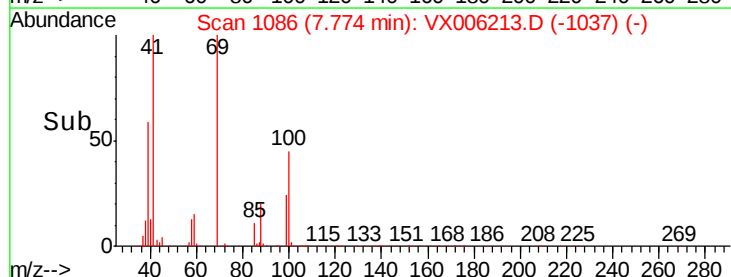
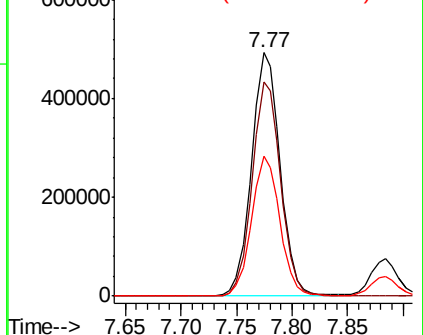
39 56.8 45.3 67.9

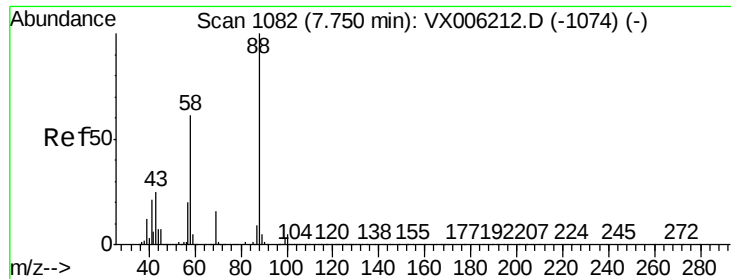


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

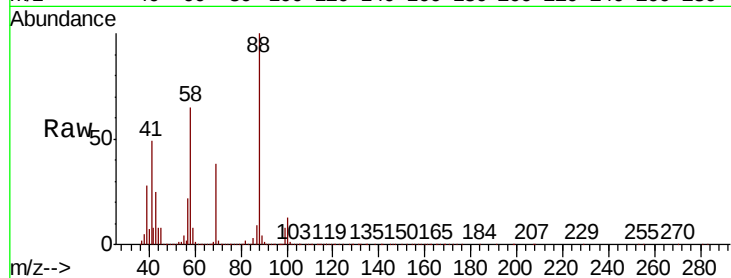




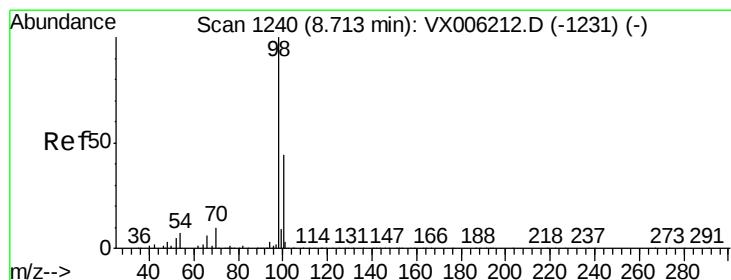
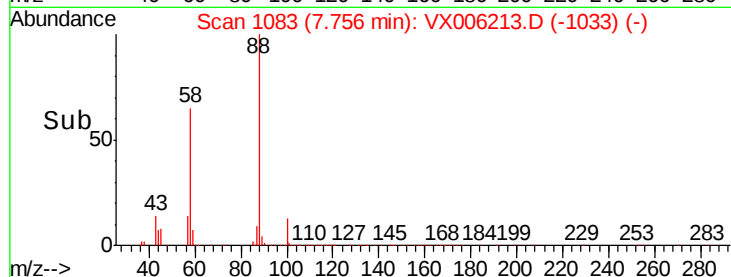
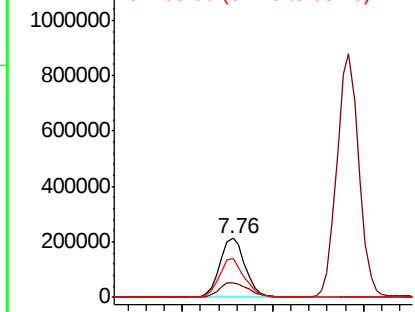
#49
1,4-Dioxane
Concen: 1889.174 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.01 min
Lab File: VX006213.D
Acq: 29 Nov 2018 15:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Lower	Upper
88	100		
43	28.2	23.2	34.8
58	64.7	51.4	77.0

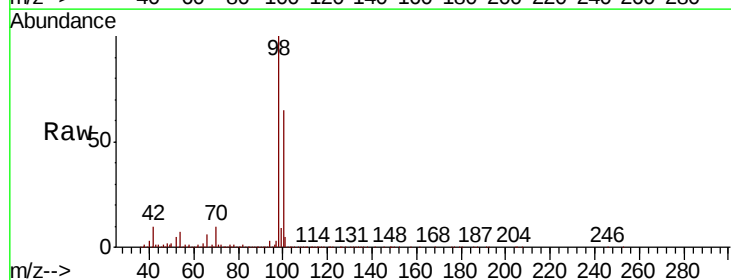


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

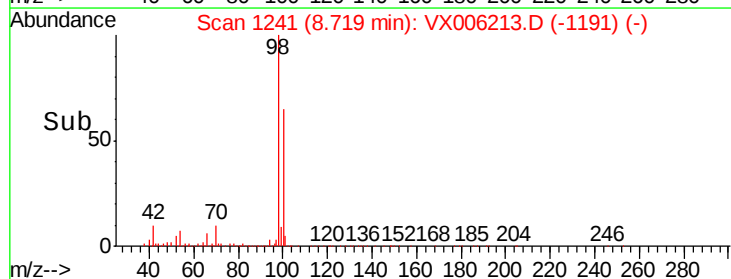
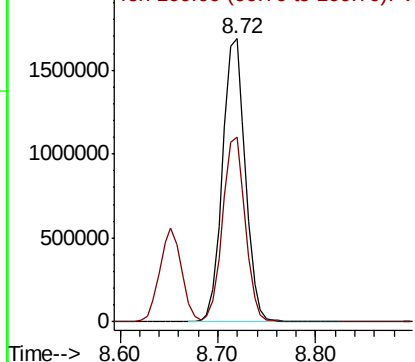


#50
Toluene-d8
Concen: 98.609 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VX006213.D
Acq: 29 Nov 2018 15:52

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.2	78.2



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

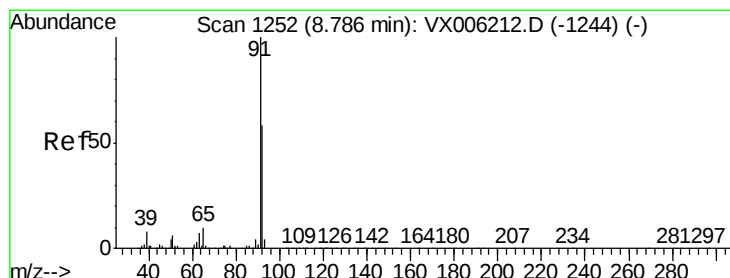
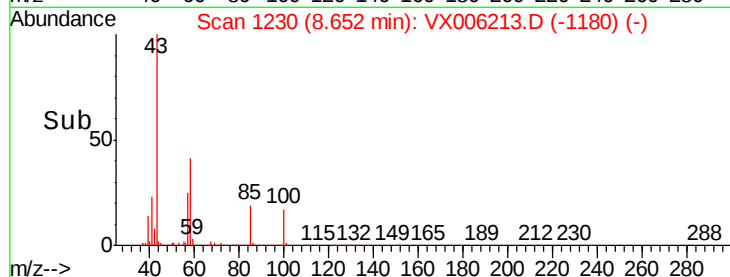
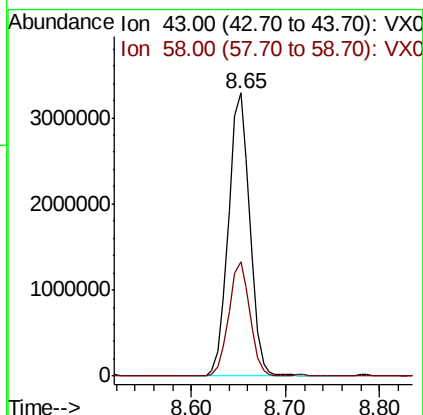
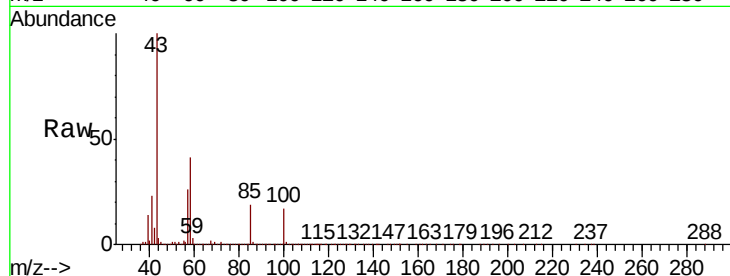




#51
 4-Methyl-2-Pentanone
 Concen: 481.196 ug/l
 RT: 8.65 min Scan# 1230
 Delta R.T. 0.01 min
 Lab File: VX006213.D
 Acq: 29 Nov 2018 15:52

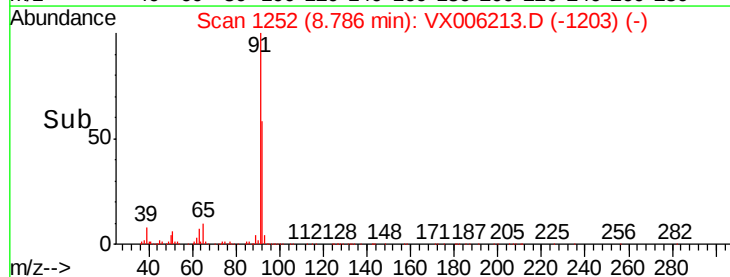
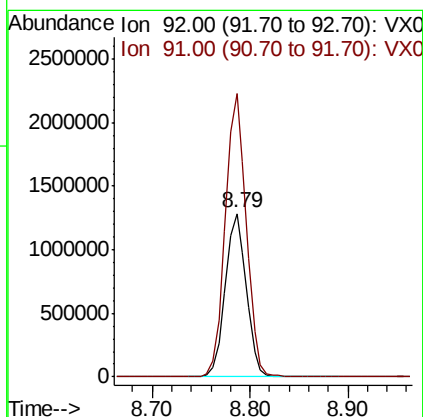
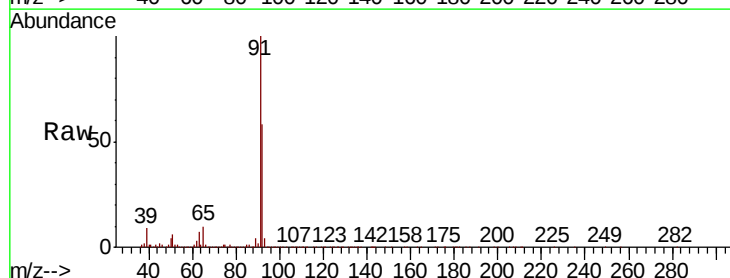
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

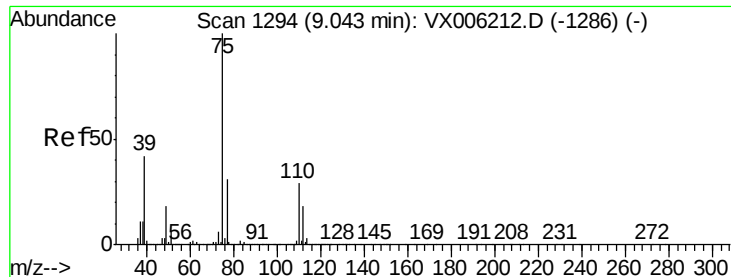
Tgt Ion: 43 Resp: 5169618
 Ion Ratio Lower Upper
 43 100
 58 39.7 31.3 46.9



#52
 Toluene
 Concen: 98.300 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VX006213.D
 Acq: 29 Nov 2018 15:52

Tgt Ion: 92 Resp: 1914465
 Ion Ratio Lower Upper
 92 100
 91 173.0 139.2 208.8

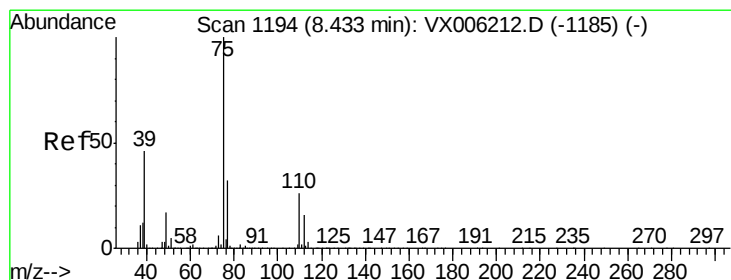
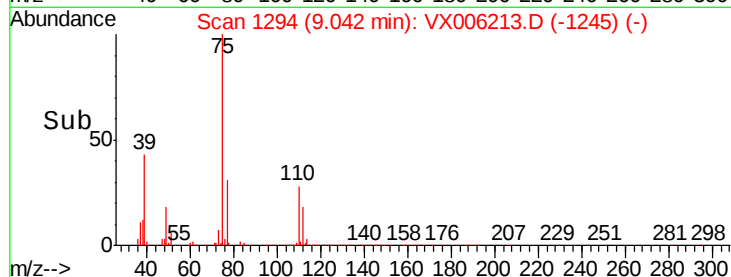
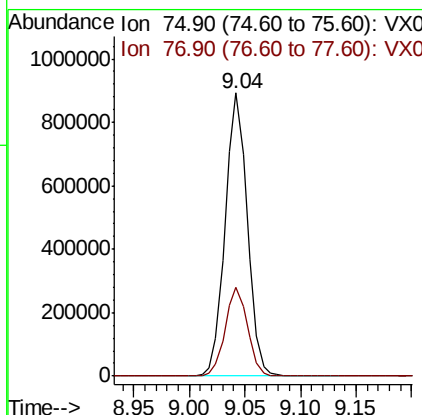
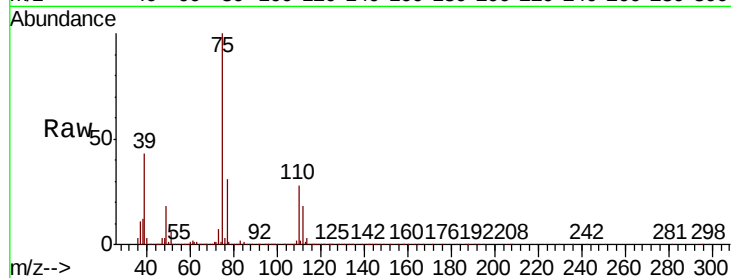




#53
 t-1,3-Dichloropropene
 Concen: 99.878 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX006213.D
 Acq: 29 Nov 2018 15:52

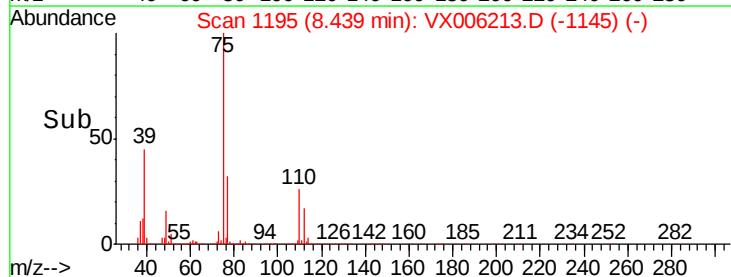
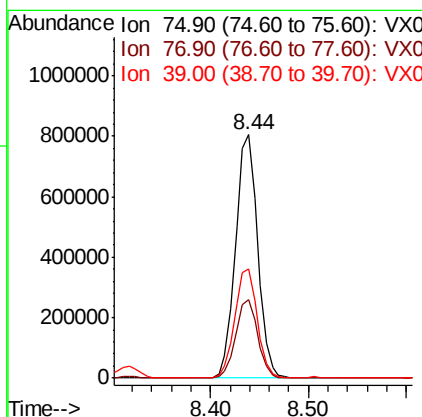
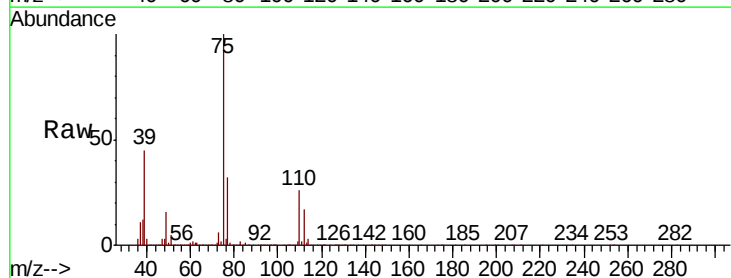
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion: 75 Resp: 1229122
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 98.986 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: VX006213.D
 Acq: 29 Nov 2018 15:52

Tgt Ion: 75 Resp: 1264914
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.6 38.4
 39 44.6 36.5 54.7





#55

1,1,2-Trichloroethane

Concen: 98.355 ug/l

RT: 9.22 min Scan# 1323

Delta R.T. 0.01 min

Lab File: VX006213.D

Acq: 29 Nov 2018 15:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 97 Resp: 778200

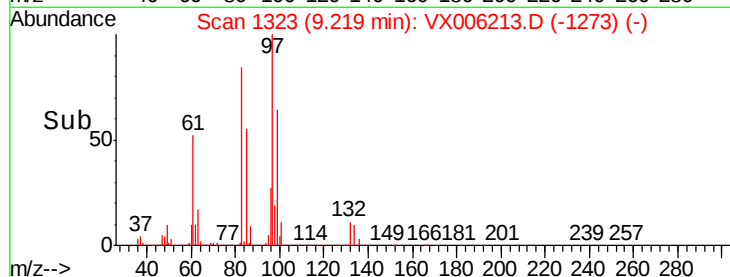
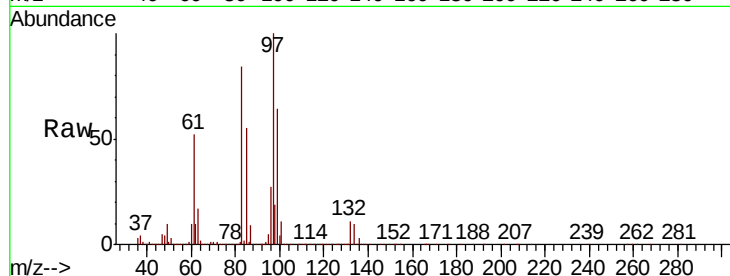
Ion	Ratio	Lower	Upper
97	100		
83	84.1	67.1	100.7
85	55.3	43.2	64.8
99	64.0	49.8	74.6

97 100

83 84.1 67.1 100.7

85 55.3 43.2 64.8

99 64.0 49.8 74.6

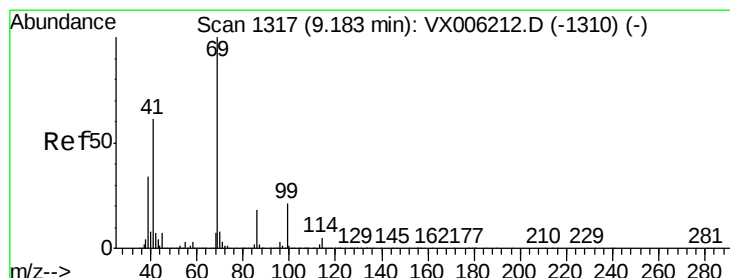
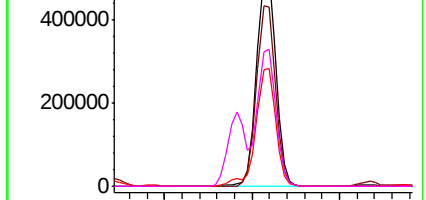


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 96.850 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VX006213.D

Acq: 29 Nov 2018 15:52

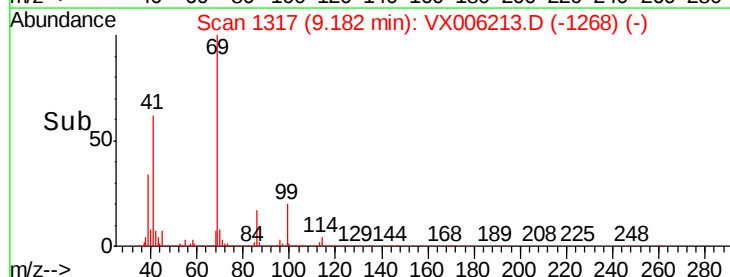
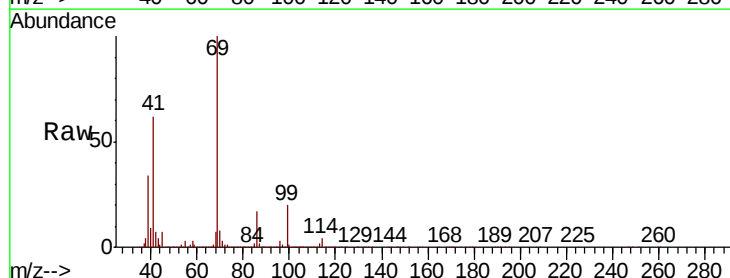
Tgt Ion: 69 Resp: 1197960

Ion	Ratio	Lower	Upper
69	100		
41	63.0	50.6	76.0
39	34.7	27.6	41.4

69 100

41 63.0 50.6 76.0

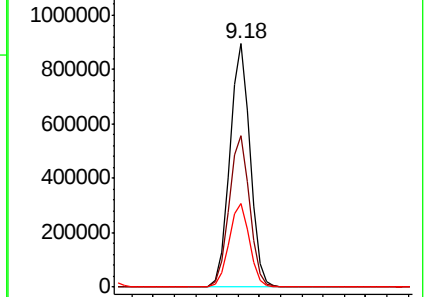
39 34.7 27.6 41.4

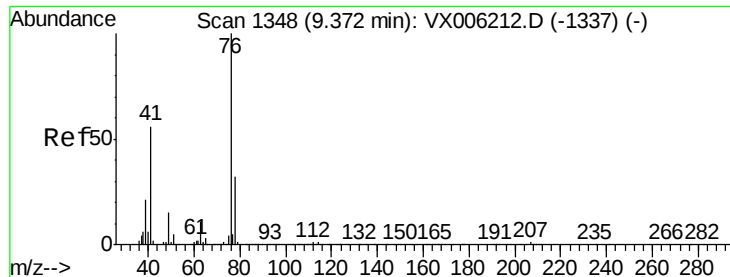


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 99.200 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX006213.D

Acq: 29 Nov 2018 15:52

Instrument :

MSVOA_X

ClientSampleId :

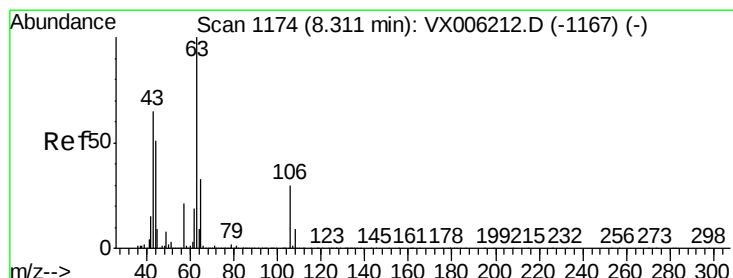
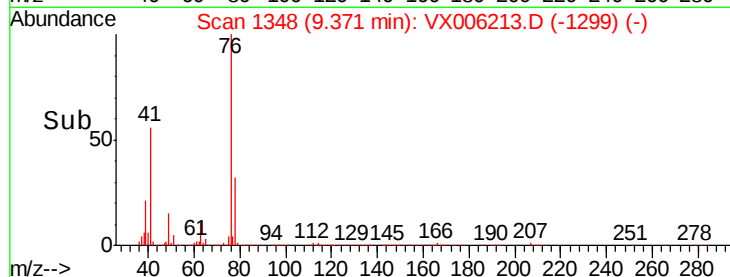
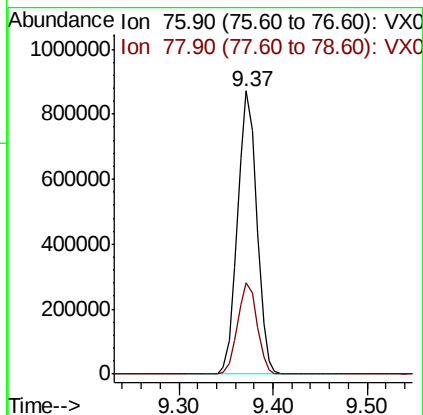
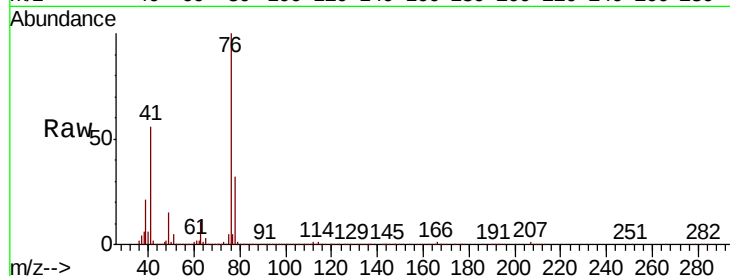
VSTDIC100

Tgt Ion: 76 Resp: 1241134

Ion Ratio Lower Upper

76 100

78 32.5 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 486.384 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.01 min

Lab File: VX006213.D

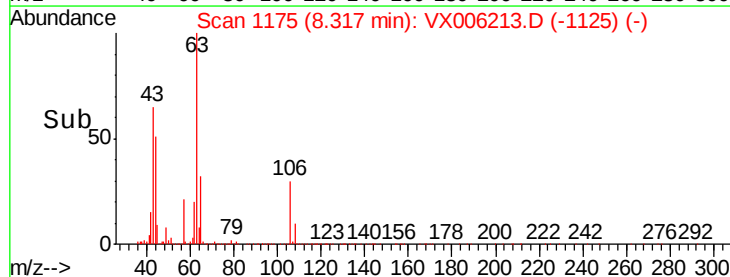
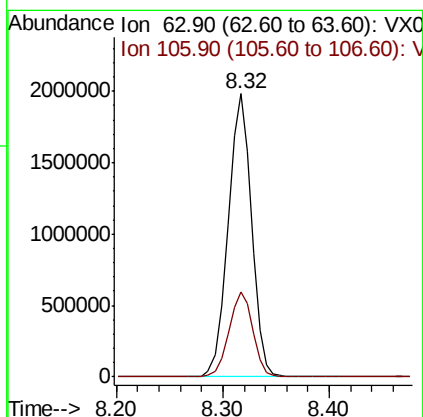
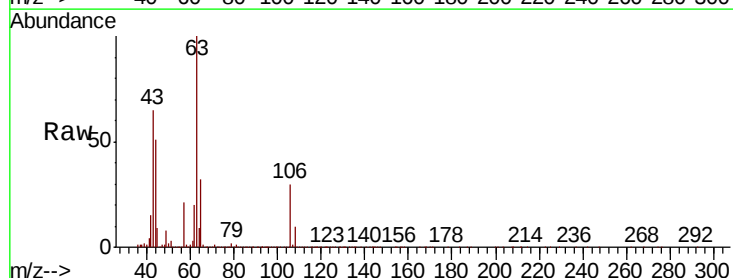
Acq: 29 Nov 2018 15:52

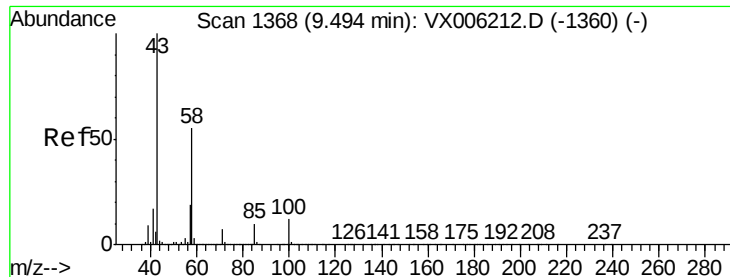
Tgt Ion: 63 Resp: 3052935

Ion Ratio Lower Upper

63 100

106 30.4 24.9 37.3





#59

2-Hexanone

Concen: 482.604 ug/l

RT: 9.50 min Scan# 1369

Delta R.T. 0.01 min

Lab File: VX006213.D

Acq: 29 Nov 2018 15:52

Instrument :

MSVOA_X

ClientSampleId :

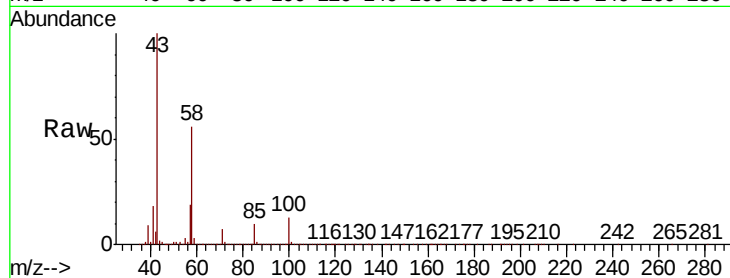
VSTDIC100

Tgt Ion: 43 Resp: 3961160

Ion Ratio Lower Upper

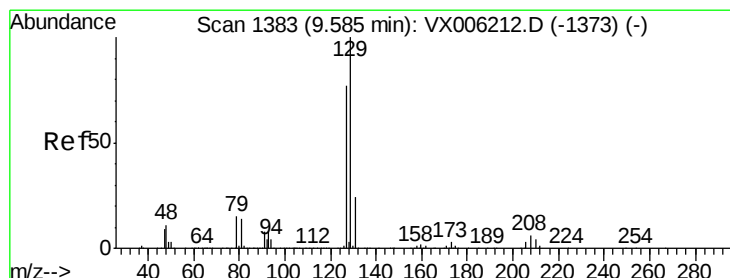
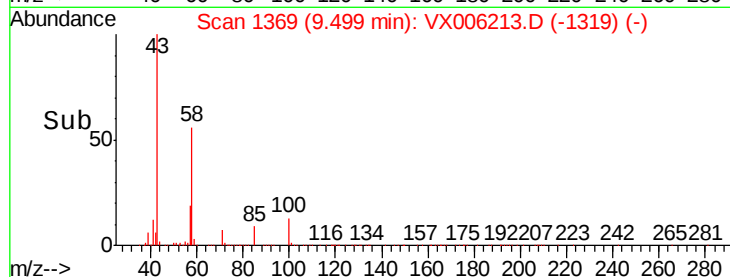
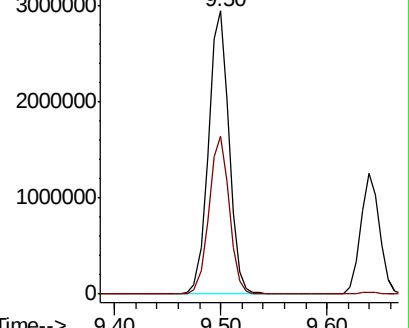
43 100

58 55.4 27.7 83.1



Abundance Ion 43.00 (42.70 to 43.70): VX006212.D (-1360) (-)

Ion 58.00 (57.70 to 58.70): VX006212.D (-1360) (-)



#60

Dibromochloromethane

Concen: 99.821 ug/l

RT: 9.58 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VX006213.D

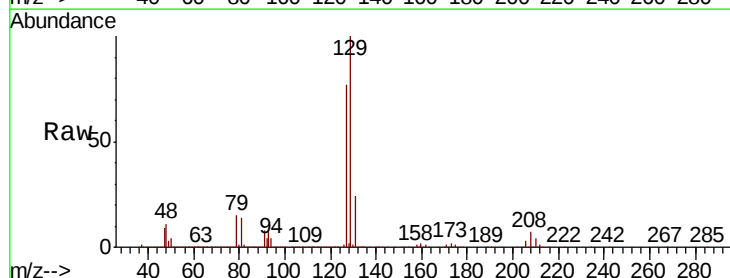
Acq: 29 Nov 2018 15:52

Tgt Ion: 129 Resp: 973898

Ion Ratio Lower Upper

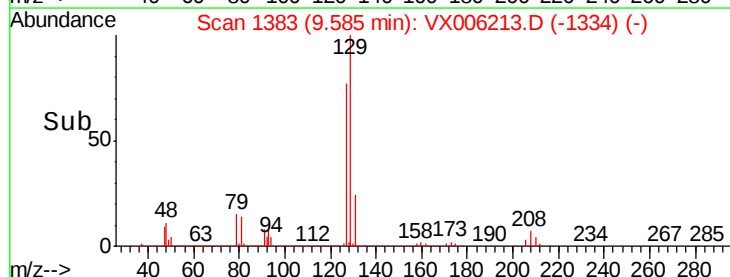
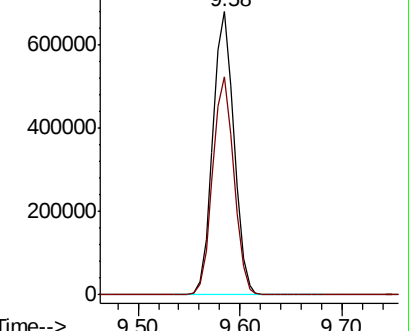
129 100

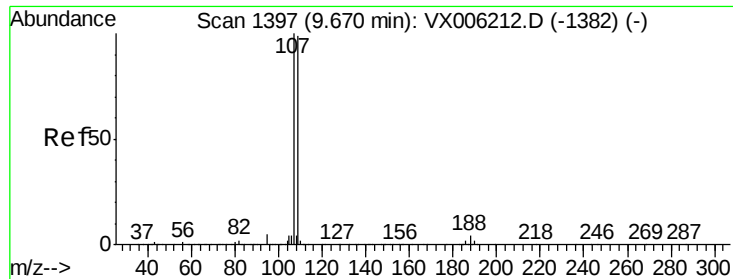
127 77.0 38.6 115.8



Abundance Ion 128.80 (128.50 to 129.50): VX006212.D (-1373) (-)

Ion 126.80 (126.50 to 127.50): VX006212.D (-1373) (-)





#61

1,2-Dibromoethane

Concen: 97.945 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VX006213.D

Acq: 29 Nov 2018 15:52

Instrument :

MSVOA_X

ClientSampleId :

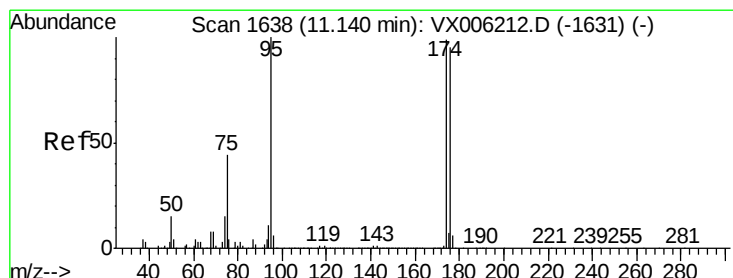
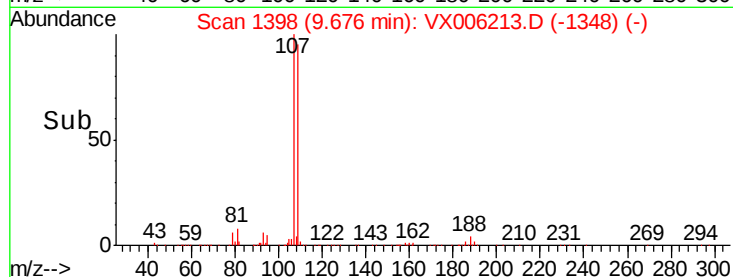
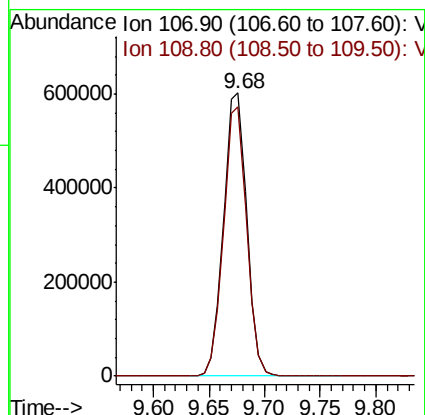
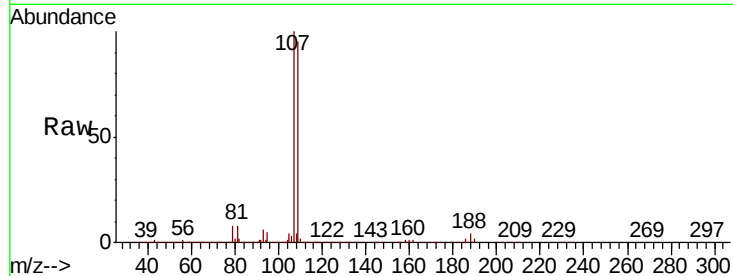
VSTDIC100

Tgt Ion:107 Resp: 866516

Ion Ratio Lower Upper

107 100

109 94.6 76.3 114.5



#62

4-Bromofluorobenzene

Concen: 97.221 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX006213.D

Acq: 29 Nov 2018 15:52

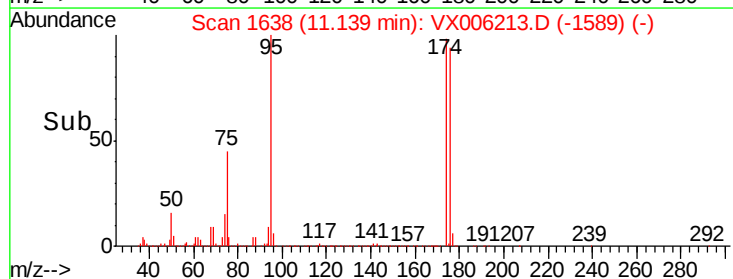
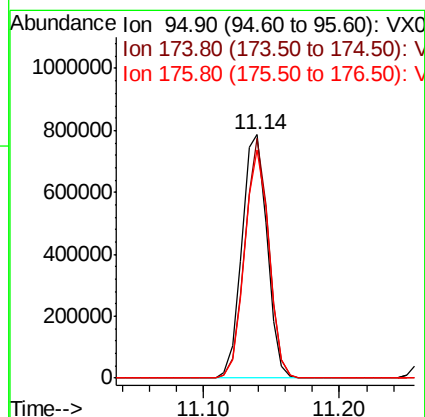
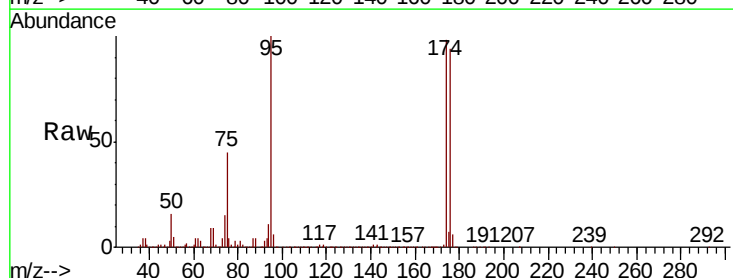
Tgt Ion: 95 Resp: 1012683

Ion Ratio Lower Upper

95 100

174 93.4 0.0 187.0

176 91.0 0.0 181.8

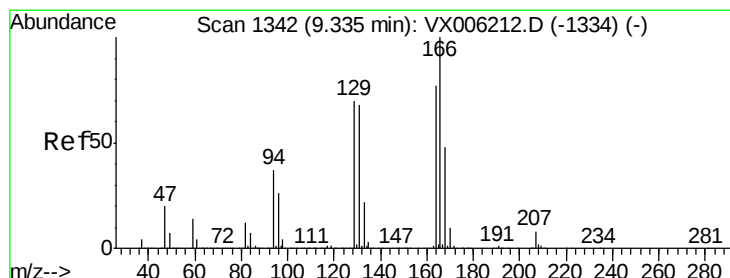
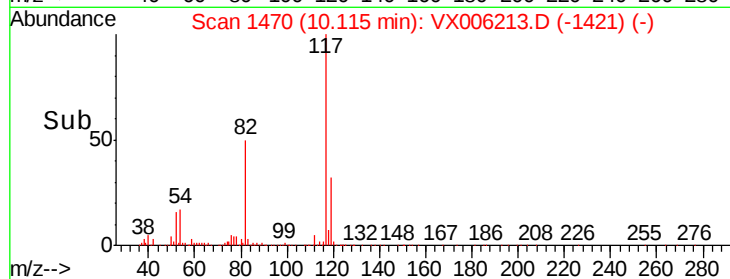
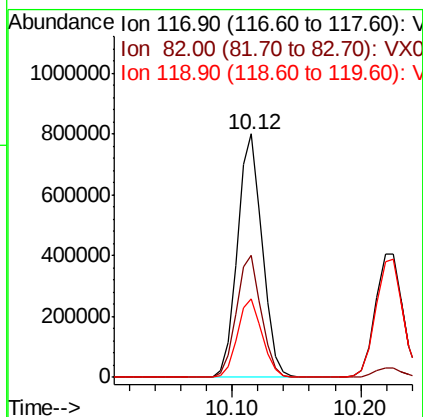
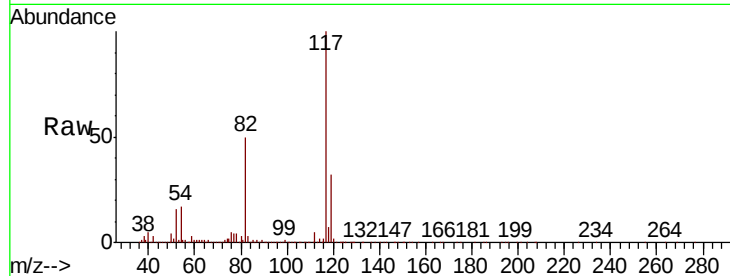




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX006213.D
Acq: 29 Nov 2018 15:52

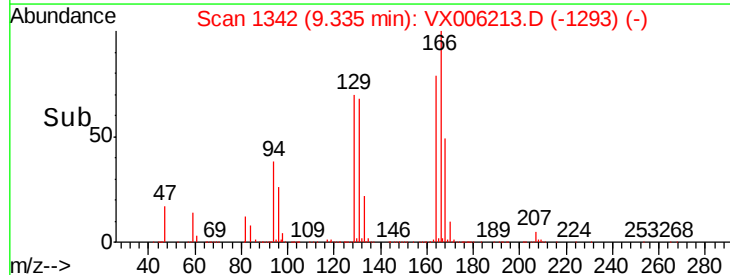
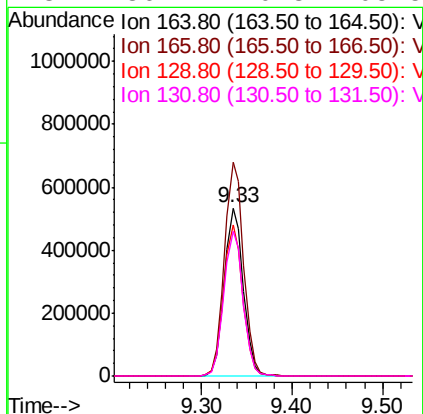
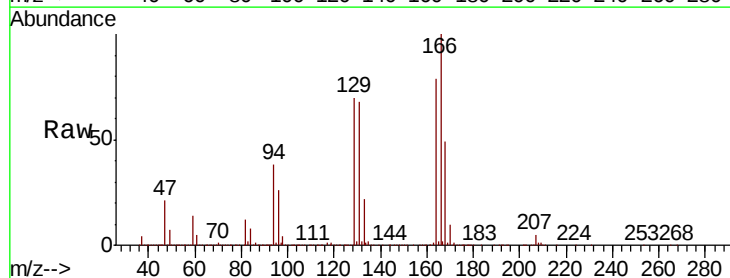
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:117 Resp: 1064816
Ion Ratio Lower Upper
117 100
82 50.0 39.6 59.4
119 32.2 26.3 39.5



#64
Tetrachloroethene
Concen: 97.394 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006213.D
Acq: 29 Nov 2018 15:52

Tgt Ion:164 Resp: 781008
Ion Ratio Lower Upper
164 100
166 127.2 104.2 156.2
129 89.6 72.6 108.8
131 86.2 70.3 105.5

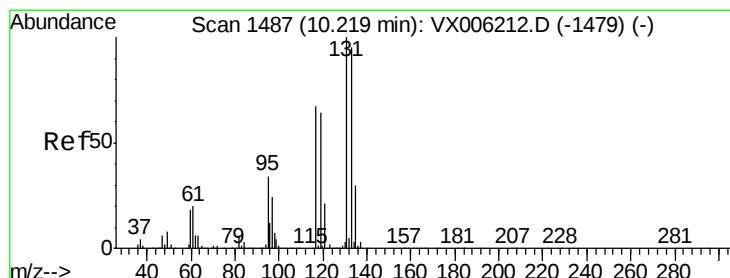
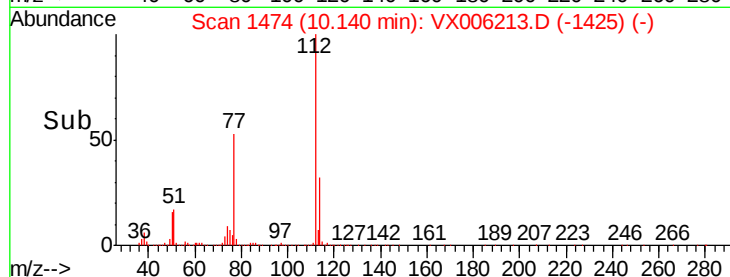
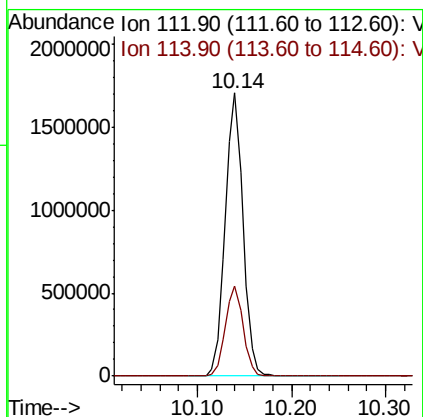
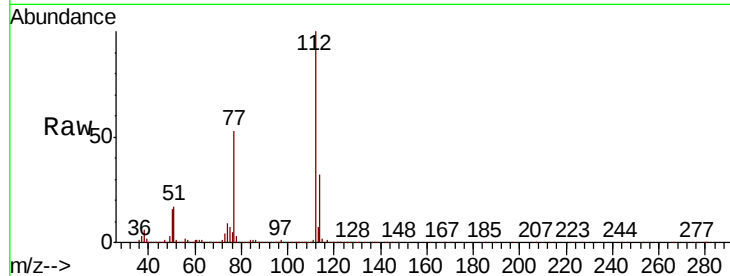




#65
Chlorobenzene
Concen: 98.861 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX006213.D
Acq: 29 Nov 2018 15:52

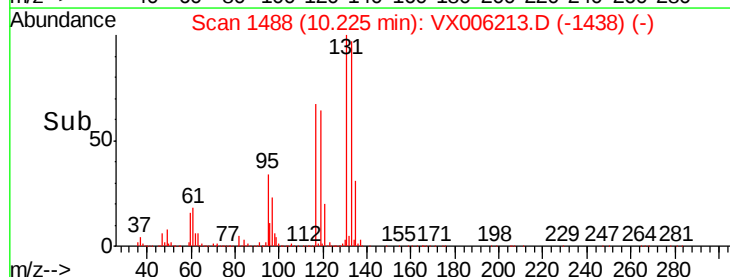
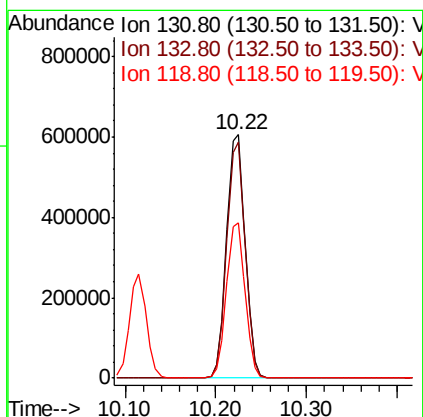
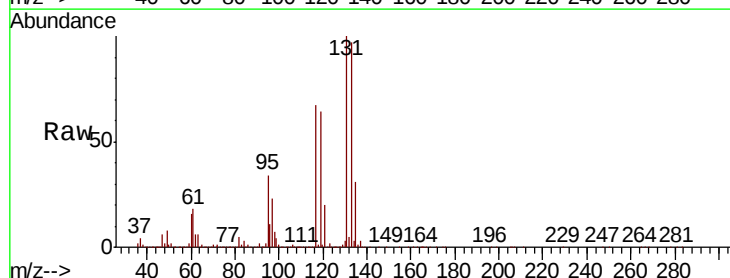
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:112 Resp: 2234616
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 98.742 ug/l
RT: 10.22 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VX006213.D
Acq: 29 Nov 2018 15:52

Tgt Ion:131 Resp: 867188
Ion Ratio Lower Upper
131 100
133 95.9 48.1 144.4
119 63.8 32.1 96.3





#67

Ethyl Benzene

Concen: 98.474 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX006213.D

Acq: 29 Nov 2018 15:52

Instrument :

MSVOA_X

ClientSampleId :

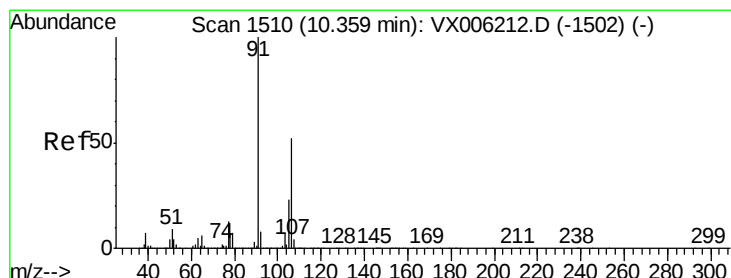
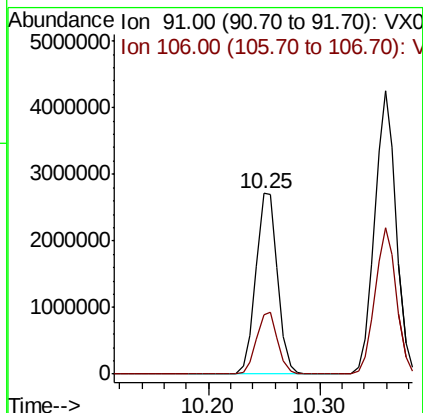
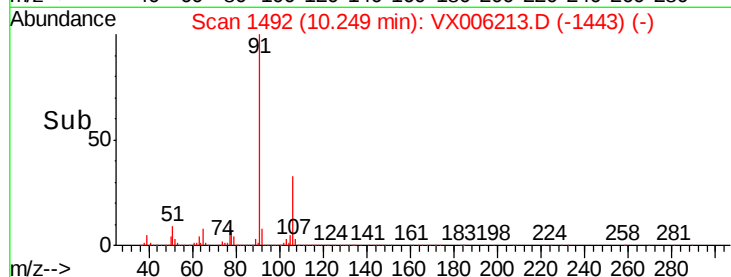
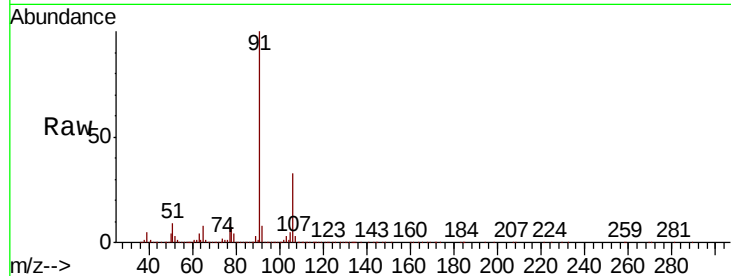
VSTDIC100

Tgt Ion: 91 Resp: 3702072

Ion Ratio Lower Upper

91 100

106 32.6 26.5 39.7



#68

m/p-Xylenes

Concen: 195.251 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX006213.D

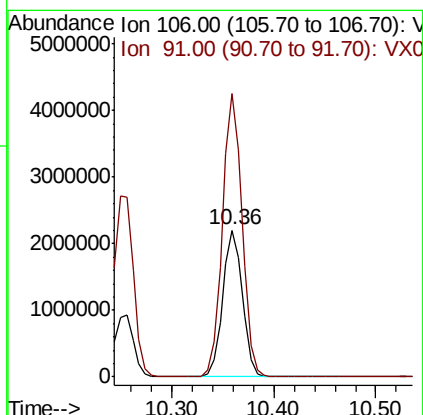
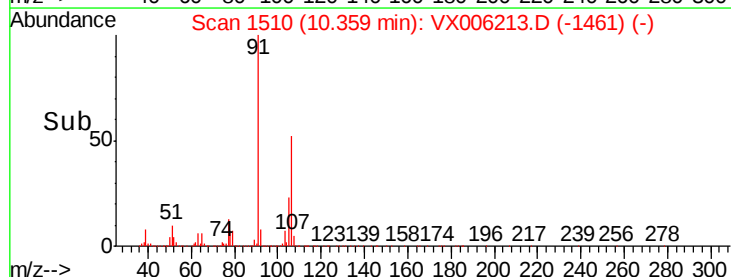
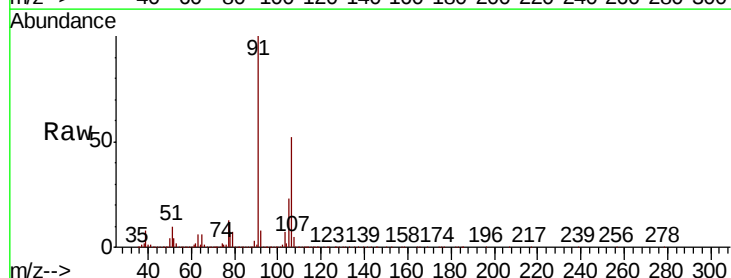
Acq: 29 Nov 2018 15:52

Tgt Ion: 106 Resp: 2940334

Ion Ratio Lower Upper

106 100

91 193.6 155.2 232.8

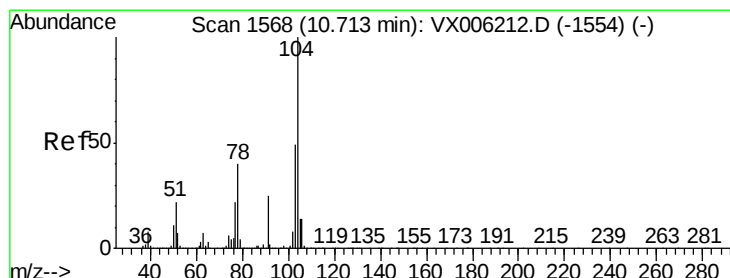
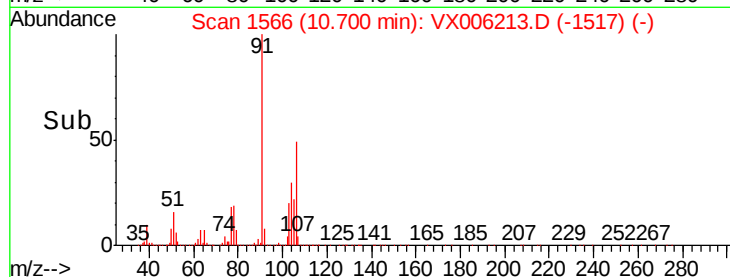
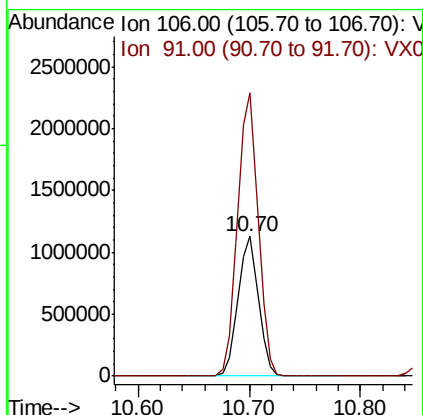
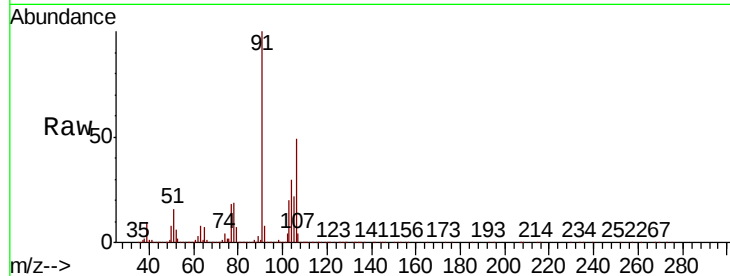




#69
o-Xylene
Concen: 96.494 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006213.D
Acq: 29 Nov 2018 15:52

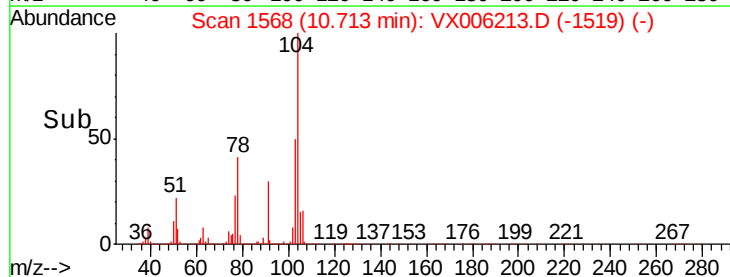
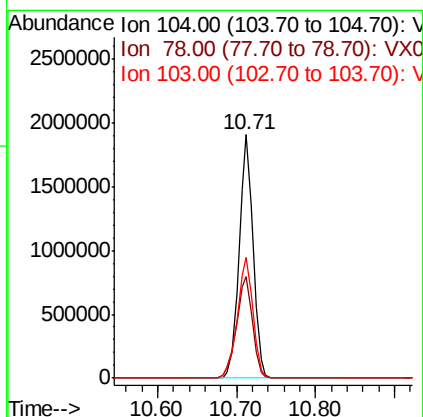
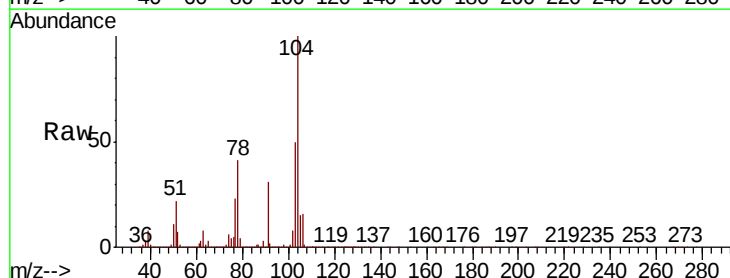
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

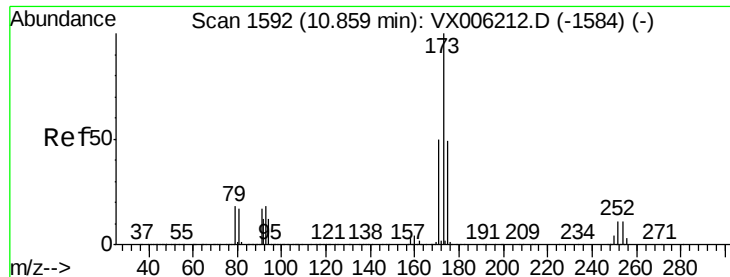
Tgt Ion:106 Resp: 1435344
Ion Ratio Lower Upper
106 100
91 204.8 101.8 305.6



#70
Styrene
Concen: 97.849 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006213.D
Acq: 29 Nov 2018 15:52

Tgt Ion:104 Resp: 2354064
Ion Ratio Lower Upper
104 100
78 47.7 37.2 55.8
103 55.1 43.5 65.3





#71

Bromoform

Concen: 99.913 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX006213.D

Acq: 29 Nov 2018 15:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

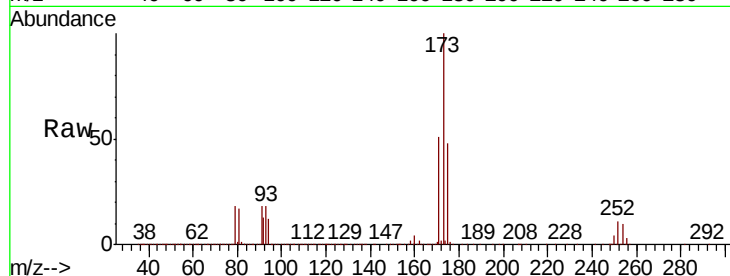
Tgt Ion:173 Resp: 828315

Ion Ratio Lower Upper

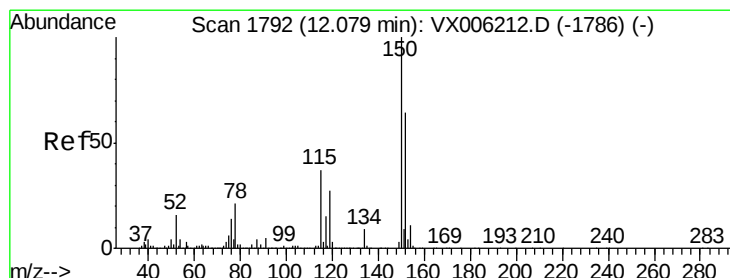
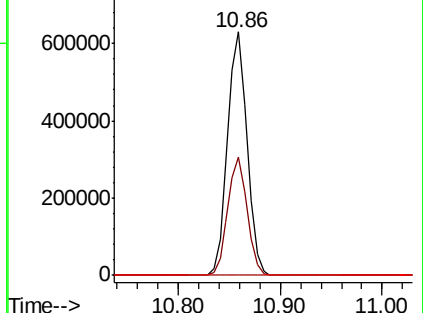
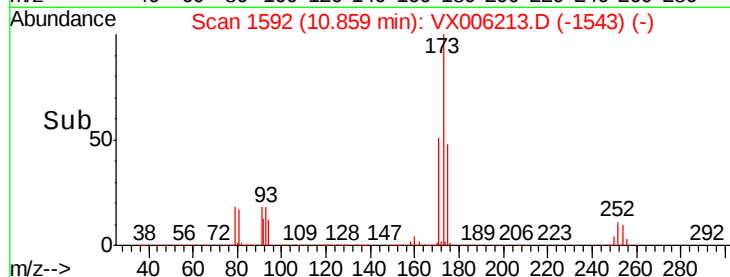
173 100

175 48.4 24.6 73.8

254 0.2 0.2 0.2#



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: VX006213.D

Acq: 29 Nov 2018 15:52

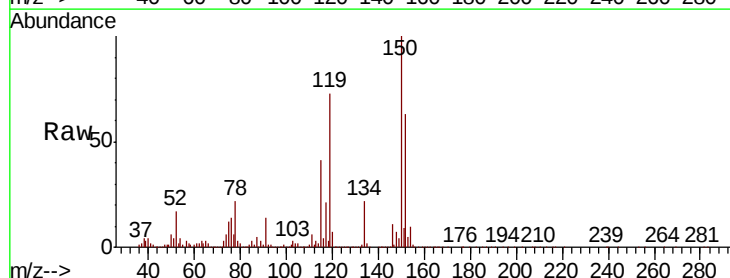
Tgt Ion:152 Resp: 549690

Ion Ratio Lower Upper

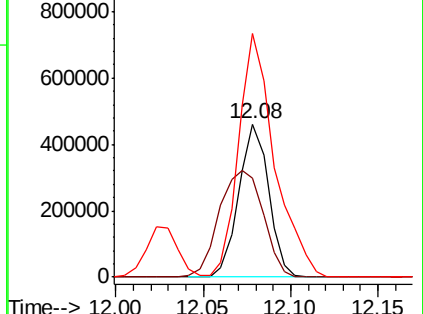
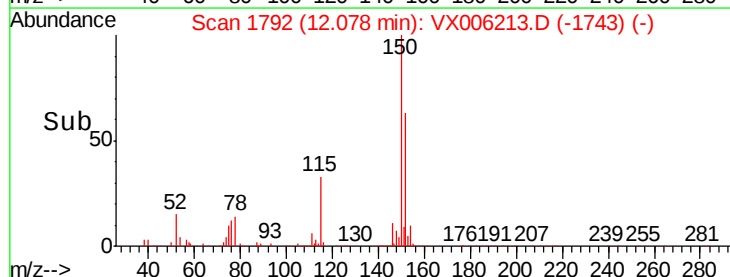
152 100

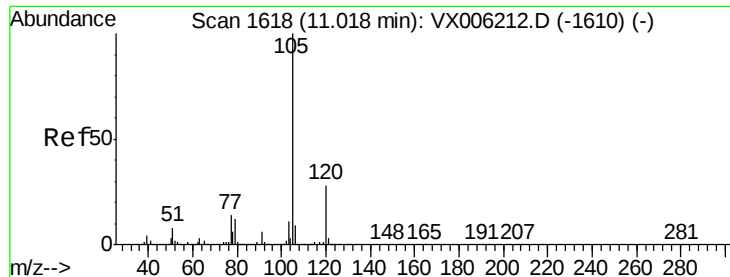
115 101.9 39.0 116.9

150 191.7 0.0 345.8



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: 99.230 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006213.D

Acq: 29 Nov 2018 15:52

Instrument :

MSVOA_X

ClientSampleId :

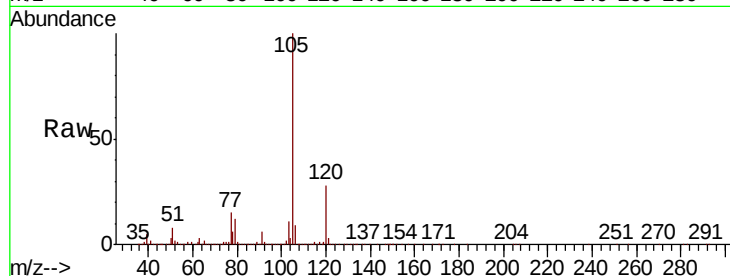
VSTDIC100

Tgt Ion:105 Resp: 3766855

Ion Ratio Lower Upper

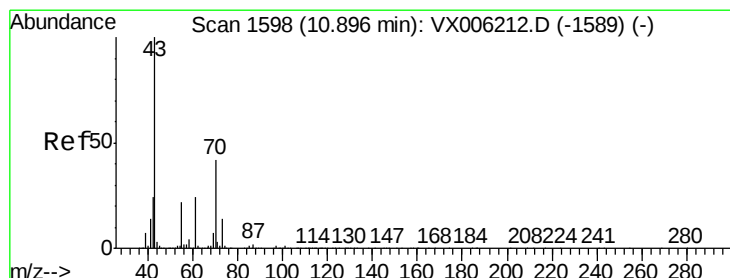
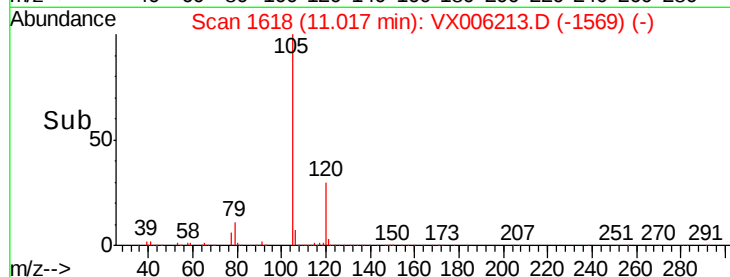
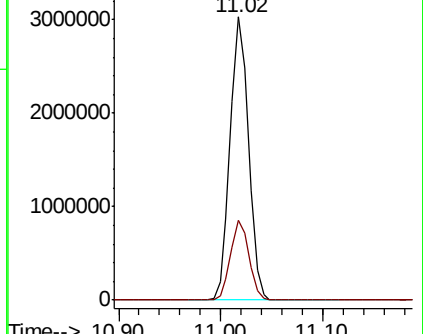
105 100

120 28.3 14.1 42.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 98.252 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.01 min

Lab File: VX006213.D

Acq: 29 Nov 2018 15:52

Tgt Ion: 43 Resp: 1606104

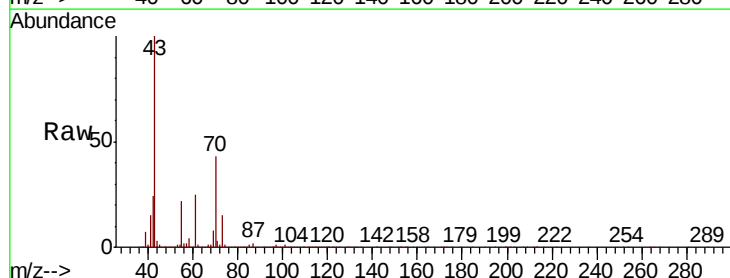
Ion Ratio Lower Upper

43 100

70 42.5 34.1 51.1

55 22.6 17.8 26.8

61 24.9 19.7 29.5

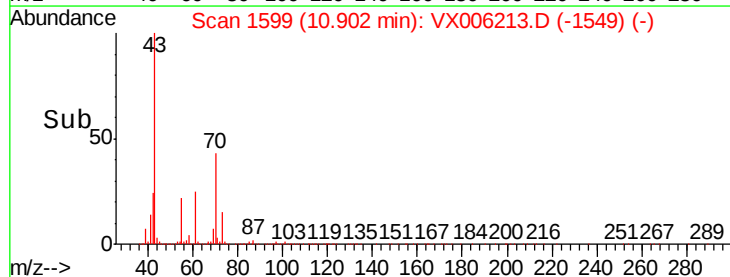
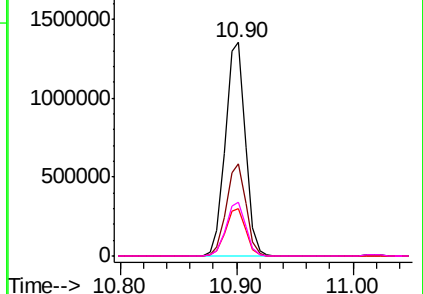


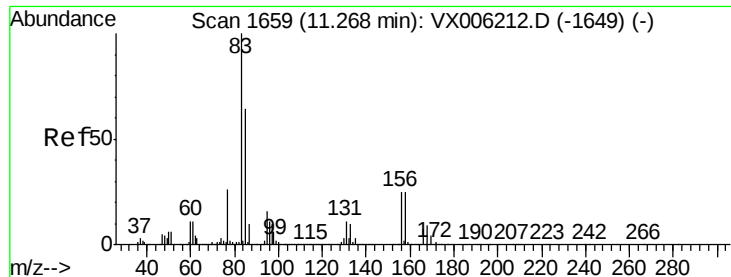
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 96.274 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006213.D

Acq: 29 Nov 2018 15:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

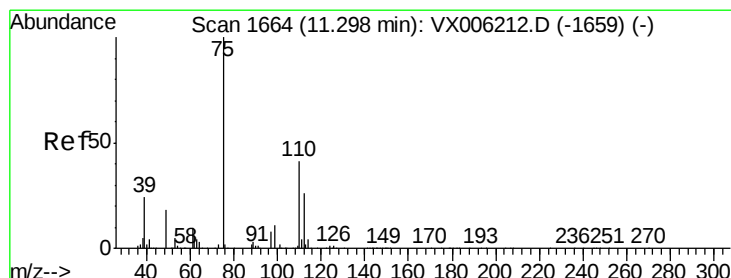
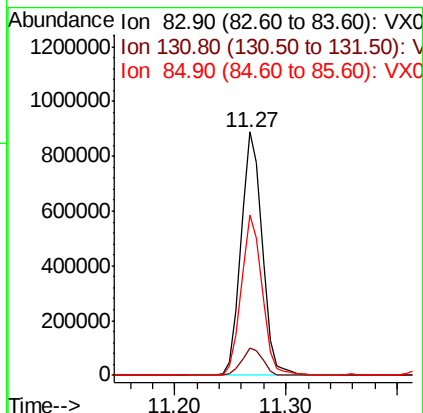
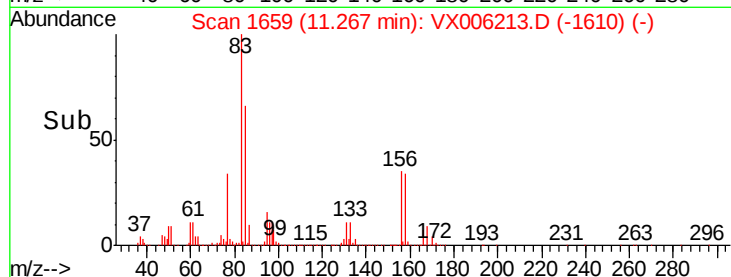
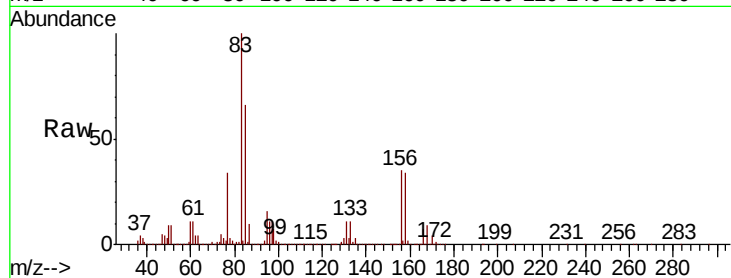
Tgt Ion: 83 Resp: 1169201

Ion Ratio Lower Upper

83 100

131 11.3 5.7 17.1

85 65.0 32.1 96.5



#76

1,2,3-Trichloropropane

Concen: 101.435 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX006213.D

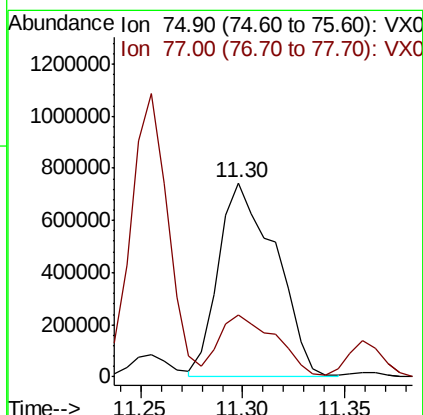
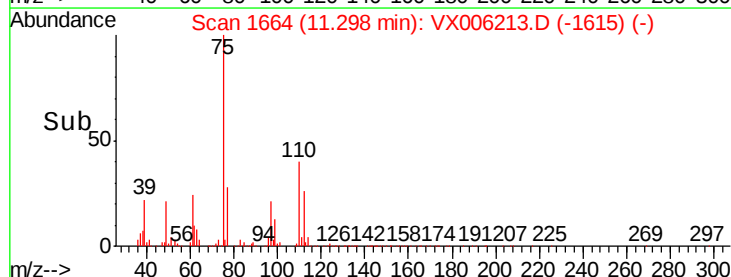
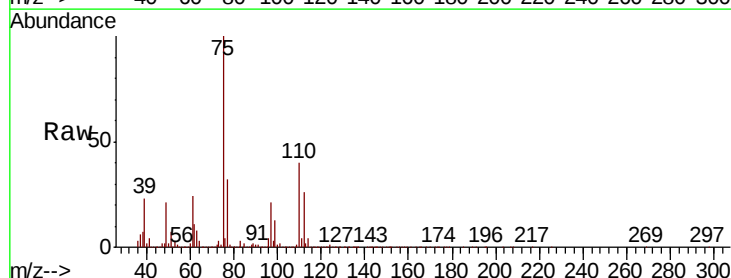
Acq: 29 Nov 2018 15:52

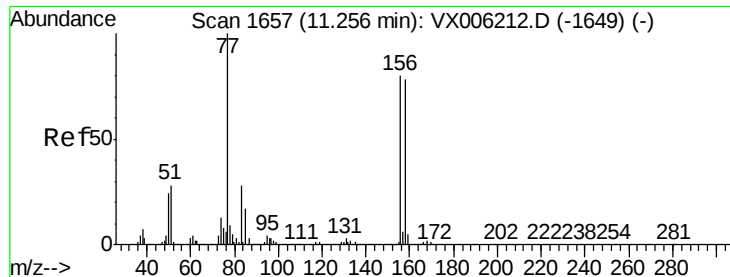
Tgt Ion: 75 Resp: 1447993

Ion Ratio Lower Upper

75 100

77 31.8 19.9 59.7





#77

Bromobenzene

Concen: 98.212 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006213.D

Acq: 29 Nov 2018 15:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

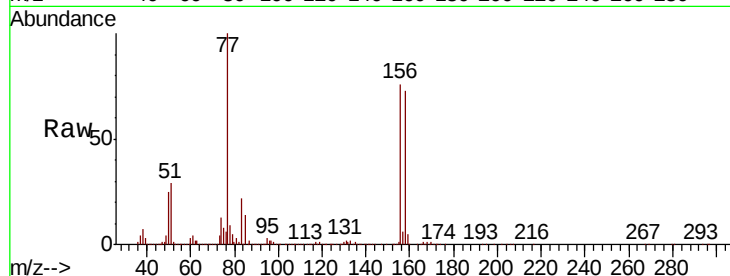
Tgt Ion:156 Resp: 1034643

Ion Ratio Lower Upper

156 100

77 132.4 66.2 198.6

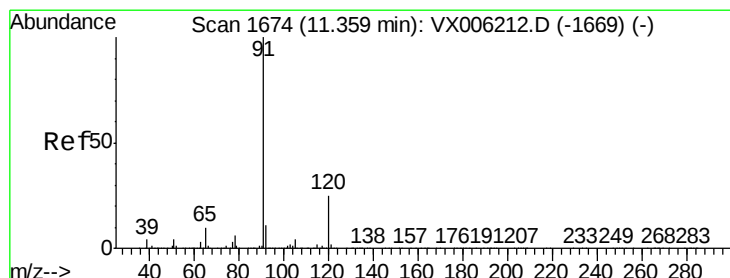
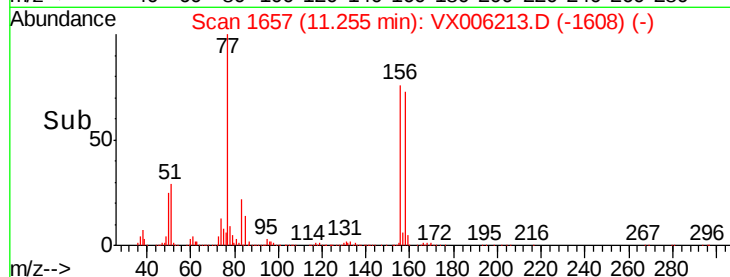
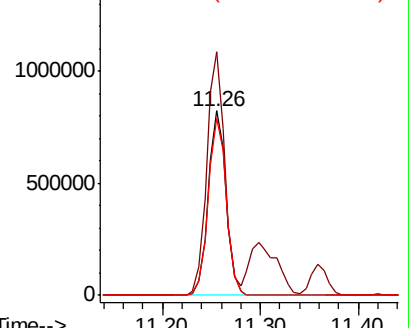
158 97.0 48.8 146.4



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: 101.158 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006213.D

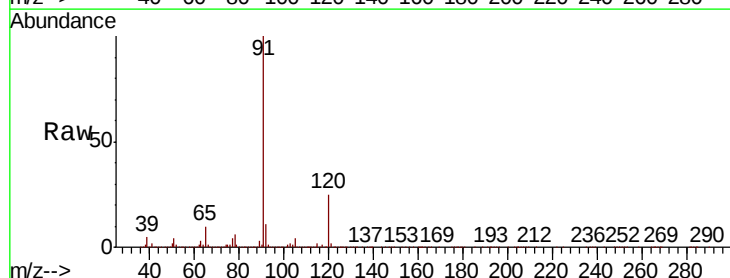
Acq: 29 Nov 2018 15:52

Tgt Ion: 91 Resp: 4268592

Ion Ratio Lower Upper

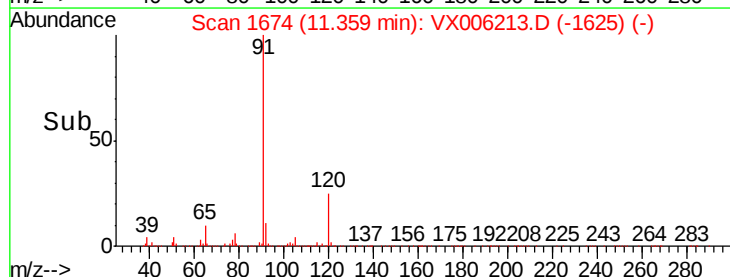
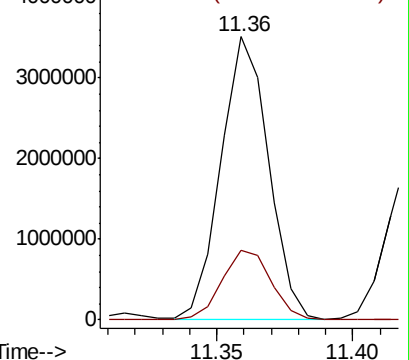
91 100

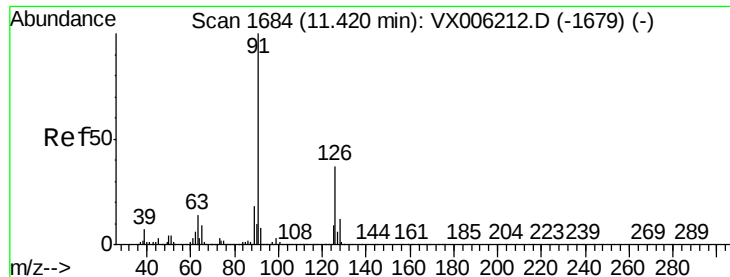
120 25.2 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 98.386 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX006213.D

Acq: 29 Nov 2018 15:52

Instrument :

MSVOA_X

ClientSampleId :

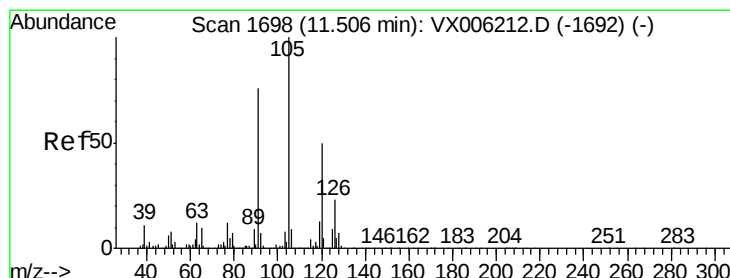
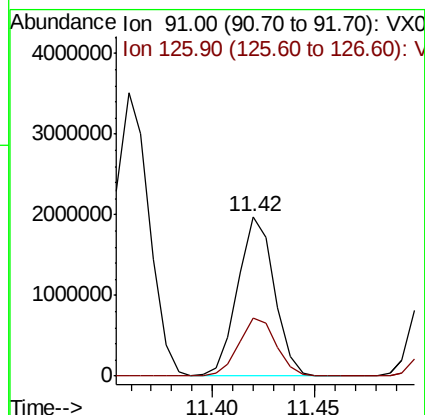
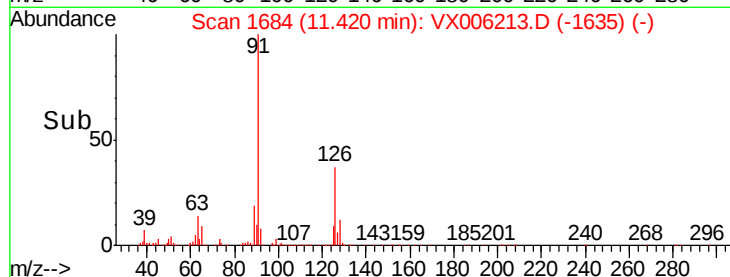
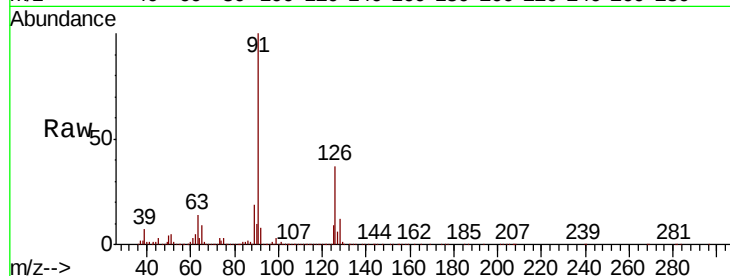
VSTDIC100

Tgt Ion: 91 Resp: 2467564

Ion Ratio Lower Upper

91 100

126 37.1 18.6 56.0



#80

1,3,5-Trimethylbenzene

Concen: 98.420 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006213.D

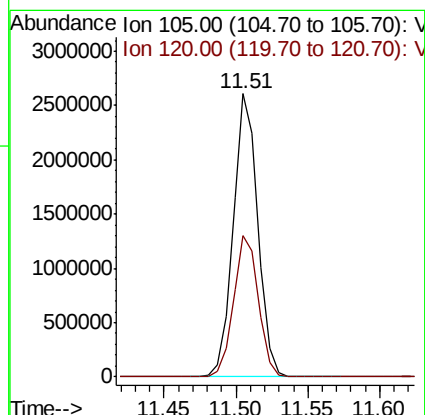
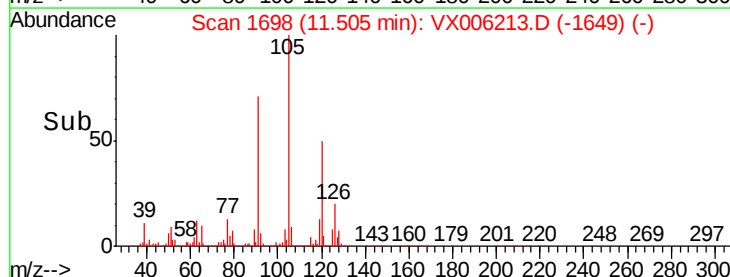
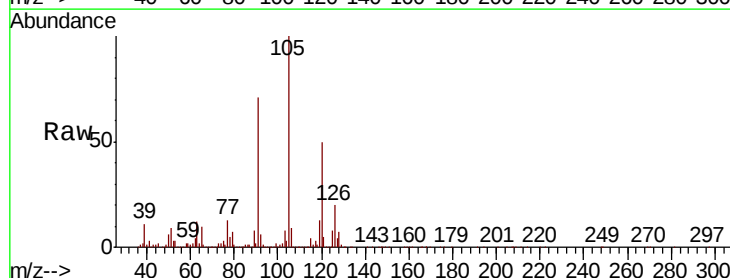
Acq: 29 Nov 2018 15:52

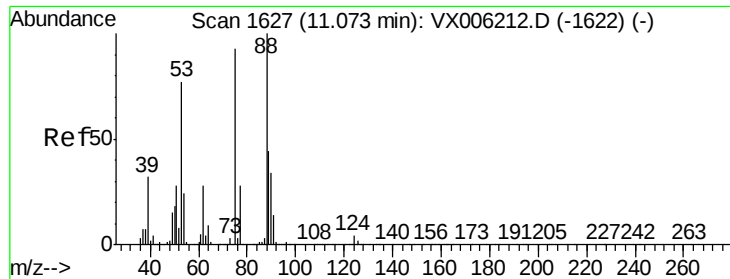
Tgt Ion: 105 Resp: 3108542

Ion Ratio Lower Upper

105 100

120 50.6 25.4 76.0





#81

trans-1,4-Dichloro-2-butene

Concen: 98.667 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX006213.D

Acq: 29 Nov 2018 15:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

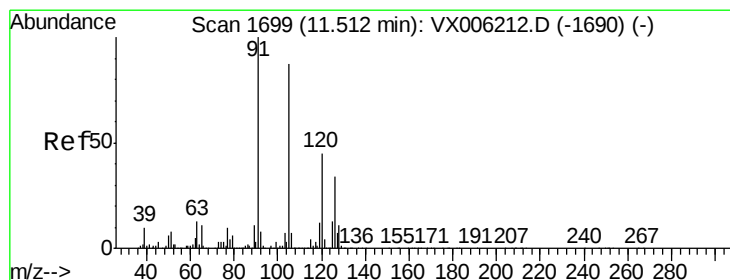
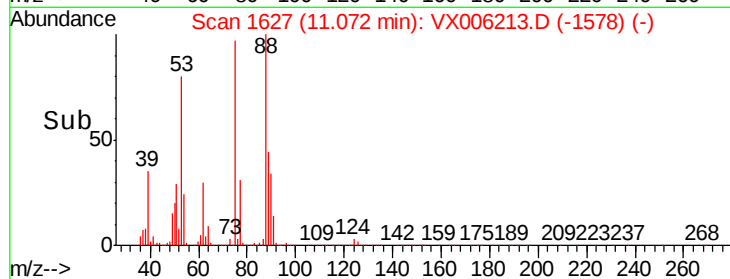
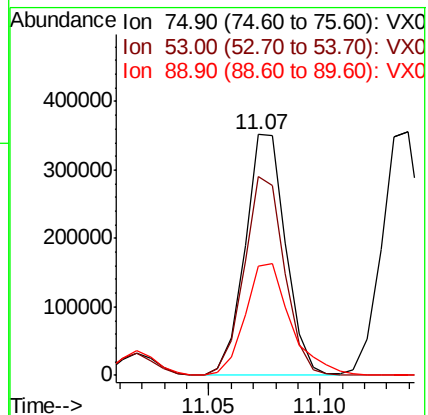
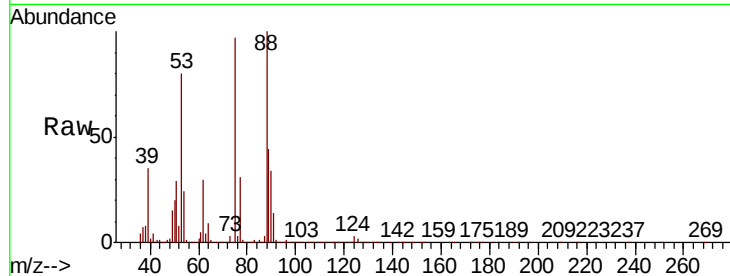
Tgt Ion: 75 Resp: 446091

Ion Ratio Lower Upper

75 100

53 81.9 64.4 96.6

89 52.1 44.2 66.4



#82

4-Chlorotoluene

Concen: 98.780 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX006213.D

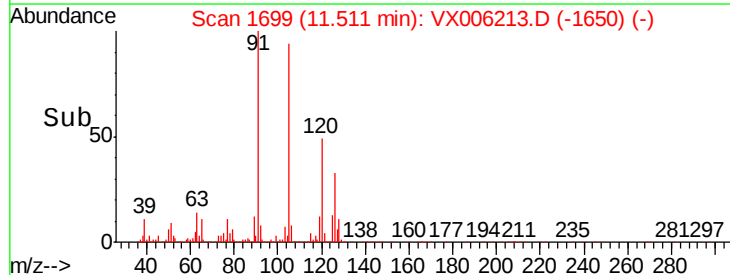
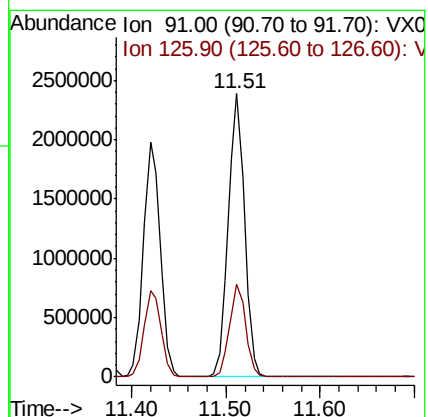
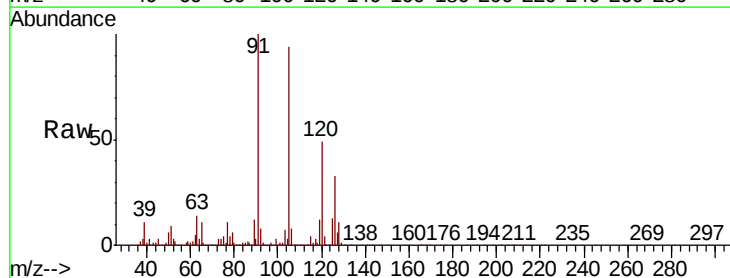
Acq: 29 Nov 2018 15:52

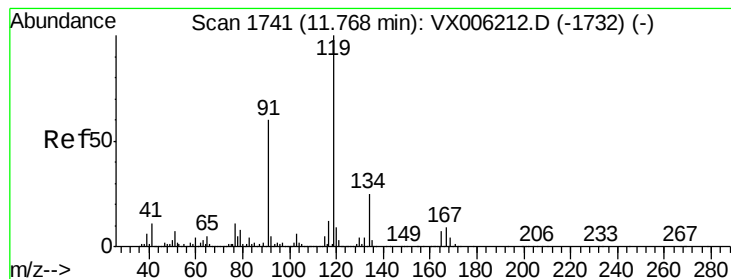
Tgt Ion: 91 Resp: 2880411

Ion Ratio Lower Upper

91 100

126 32.5 16.4 49.4





#83

tert-Butylbenzene

Concen: 97.790 ug/l

RT: 11.77 min Scan# 1742

Delta R.T. 0.01 min

Lab File: VX006213.D

Acq: 29 Nov 2018 15:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

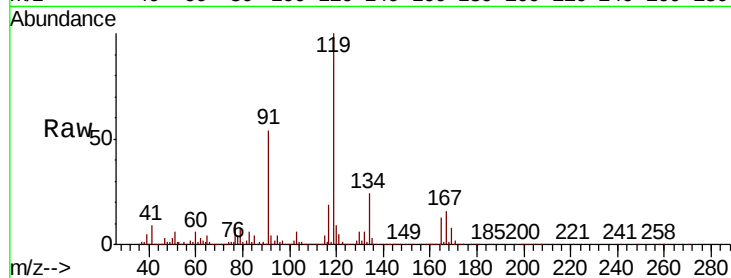
Tgt Ion:119 Resp: 3295485

Ion Ratio Lower Upper

119 100

91 53.2 26.4 79.2

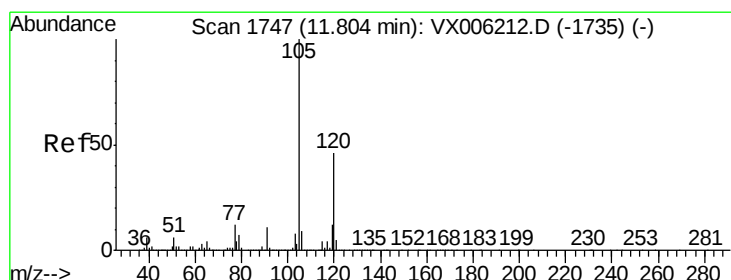
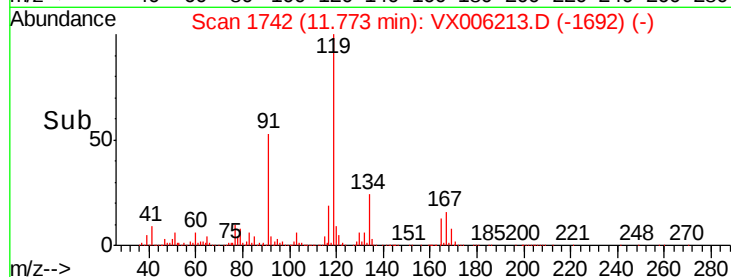
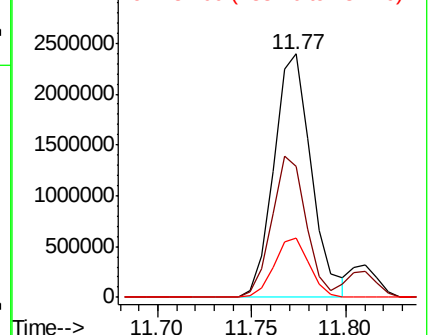
134 23.0 11.6 34.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 97.900 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VX006213.D

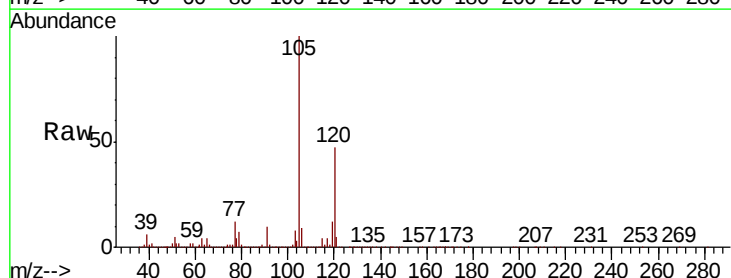
Acq: 29 Nov 2018 15:52

Tgt Ion:105 Resp: 3192901

Ion Ratio Lower Upper

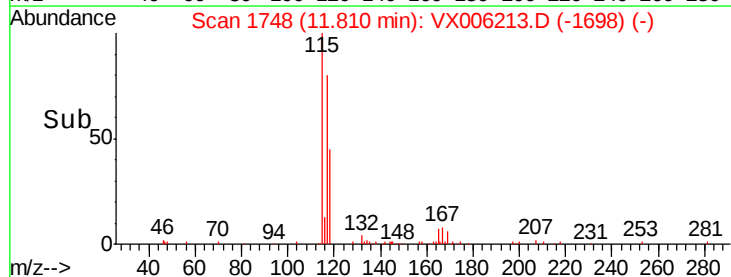
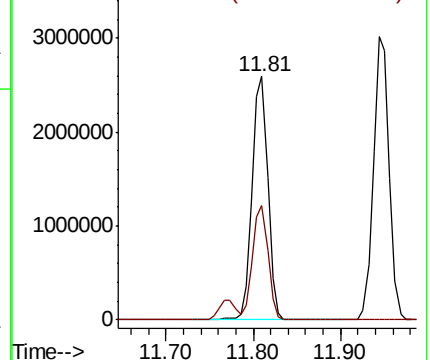
105 100

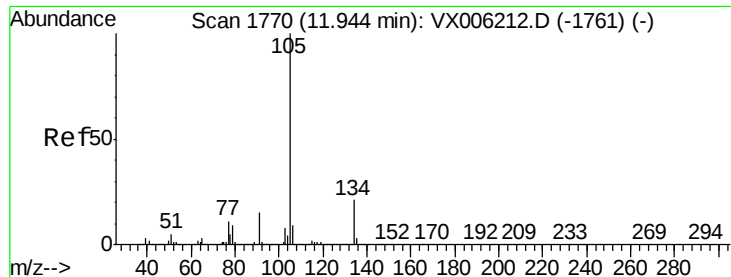
120 46.5 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 98.976 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006213.D

Acq: 29 Nov 2018 15:52

Instrument :

MSVOA_X

ClientSampleId :

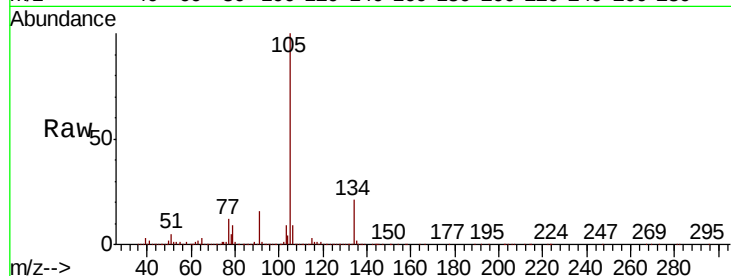
VSTDIC100

Tgt Ion:105 Resp: 3794514

Ion Ratio Lower Upper

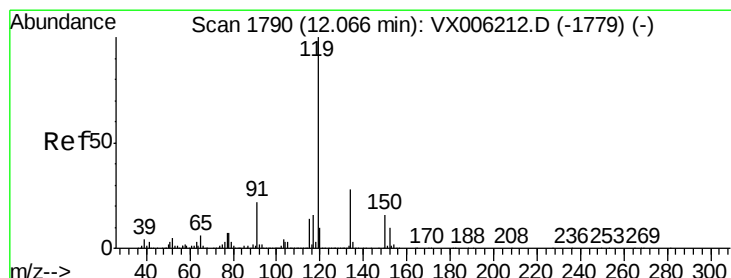
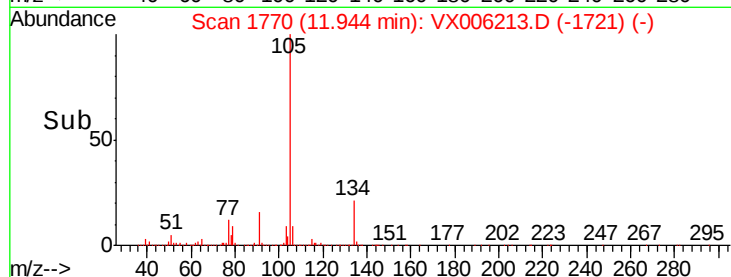
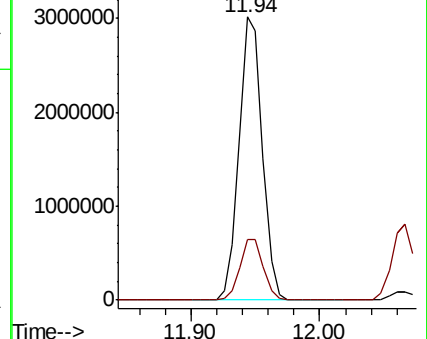
105 100

134 21.8 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 98.853 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX006213.D

Acq: 29 Nov 2018 15:52

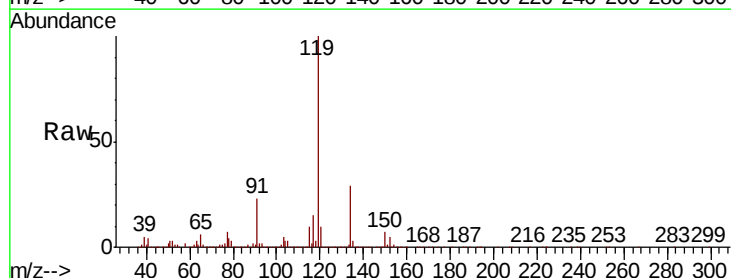
Tgt Ion:119 Resp: 3412607

Ion Ratio Lower Upper

119 100

134 28.1 13.9 41.6

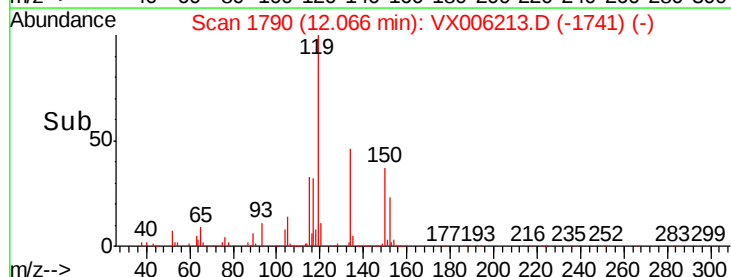
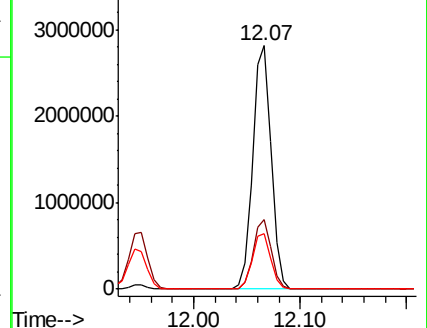
91 22.7 11.3 33.8



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: 98.718 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX006213.D

Acq: 29 Nov 2018 15:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

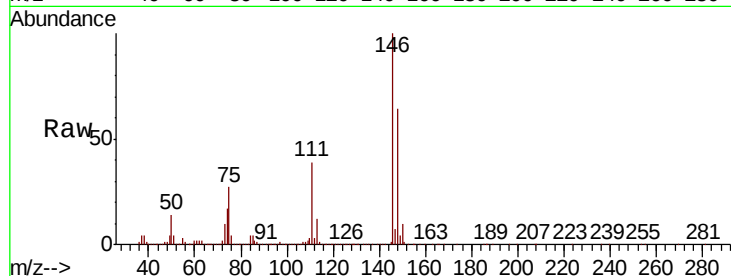
Tgt Ion:146 Resp: 1850497

Ion Ratio Lower Upper

146 100

111 37.5 18.4 55.2

148 64.6 32.0 96.0

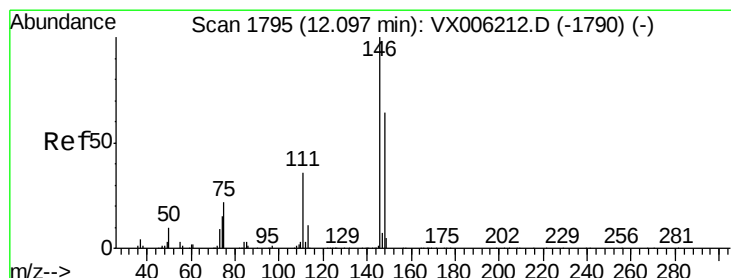
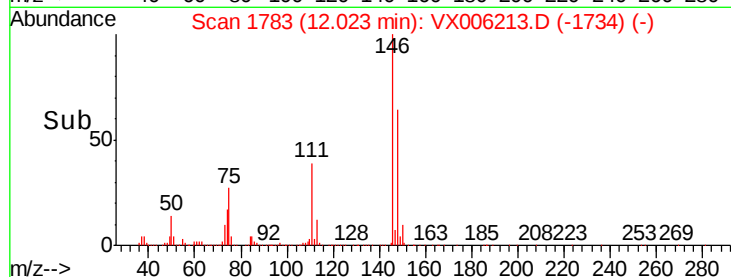
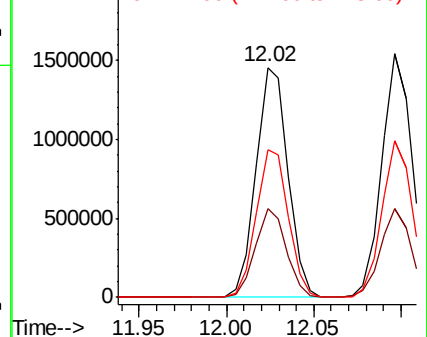


Abundance

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: 98.638 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX006213.D

Acq: 29 Nov 2018 15:52

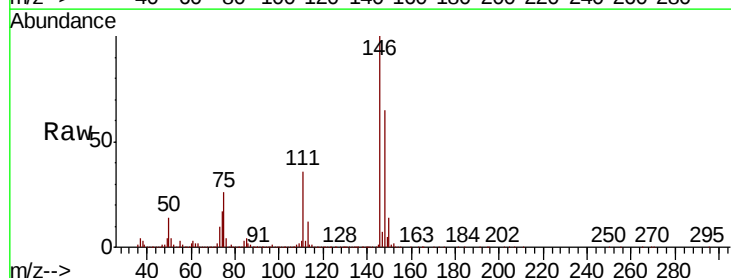
Tgt Ion:146 Resp: 1854234

Ion Ratio Lower Upper

146 100

111 36.5 18.3 54.8

148 64.4 31.9 95.9

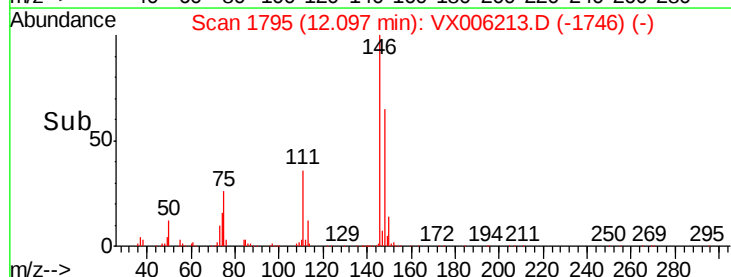
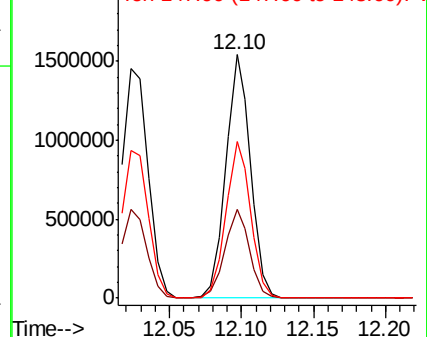


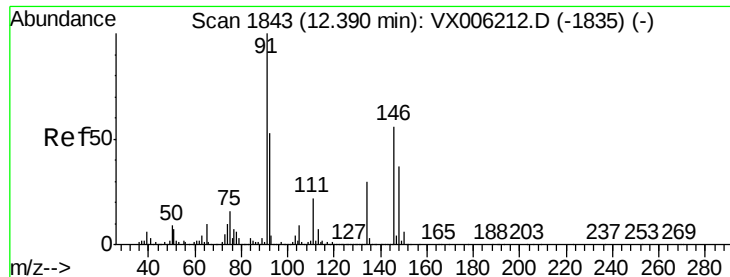
Abundance

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: 101.840 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX006213.D

Acq: 29 Nov 2018 15:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

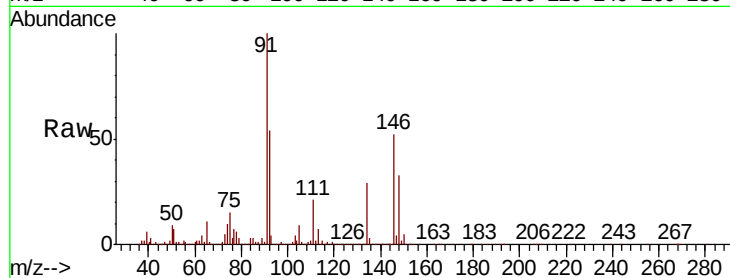
Tgt Ion: 91 Resp: 2999782

Ion Ratio Lower Upper

91 100

92 53.5 26.6 79.8

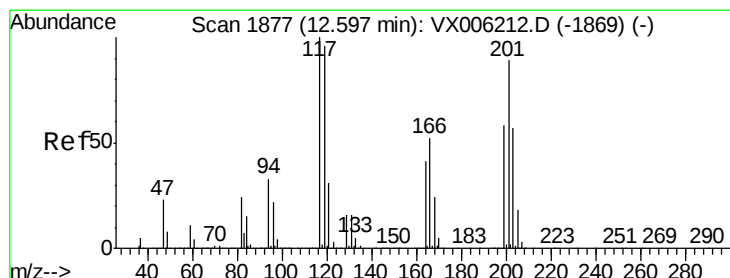
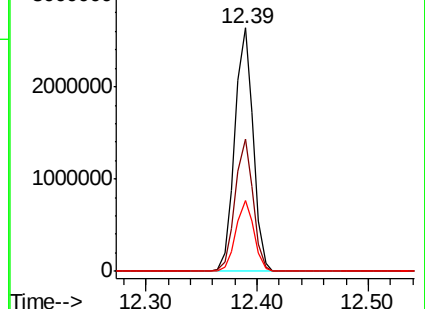
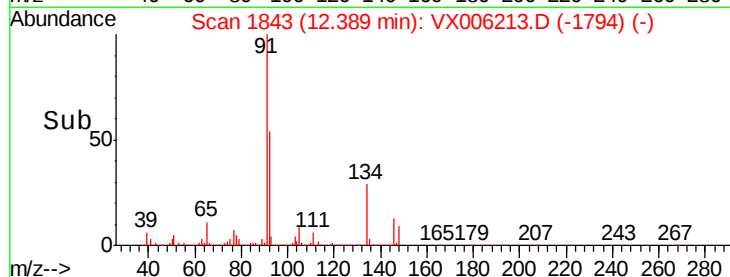
134 28.9 14.8 44.3



Abundance Ion 91.00 (90.70 to 91.70): VX006213.D (-1794) (-)

Ion 92.00 (91.70 to 92.70): VX006213.D (-1794) (-)

Ion 134.00 (133.70 to 134.70): VX006213.D (-1794) (-)



#90

Hexachloroethane

Concen: 100.714 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX006213.D

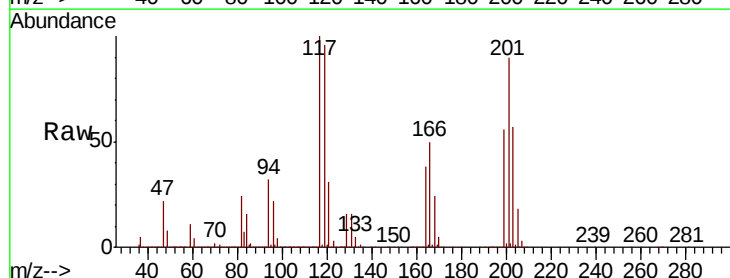
Acq: 29 Nov 2018 15:52

Tgt Ion: 117 Resp: 708622

Ion Ratio Lower Upper

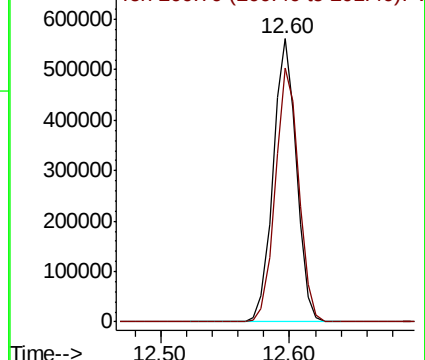
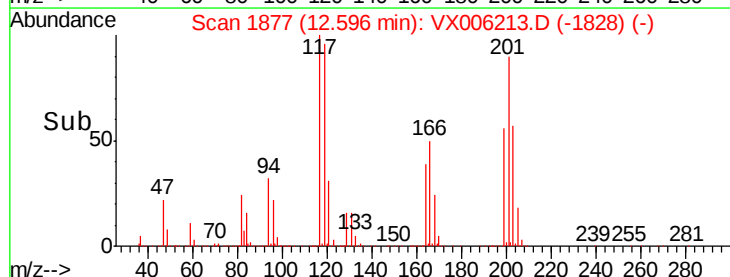
117 100

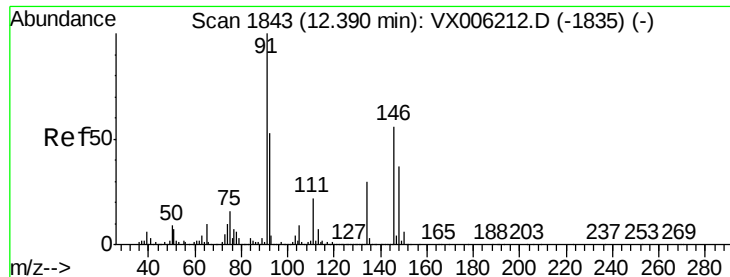
201 90.5 44.7 134.1



Abundance Ion 116.80 (116.50 to 117.50): VX006213.D (-1828) (-)

Ion 200.70 (200.40 to 201.40): VX006213.D (-1828) (-)





#91

1,2-Dichlorobenzene

Concen: 96.976 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX006213.D

Acq: 29 Nov 2018 15:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

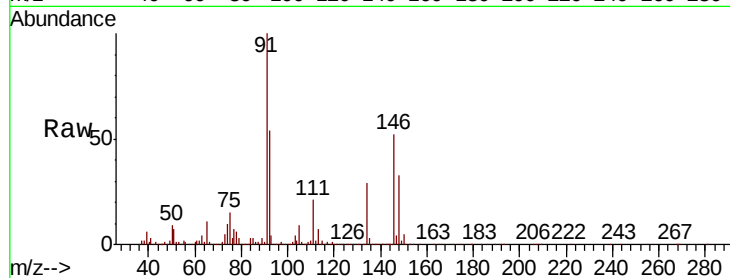
Tgt Ion:146 Resp: 1804135

Ion Ratio Lower Upper

146 100

111 39.2 19.1 57.3

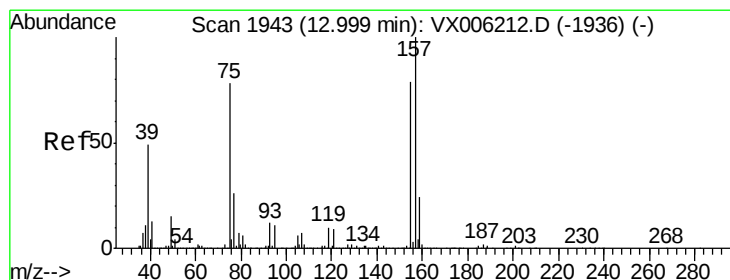
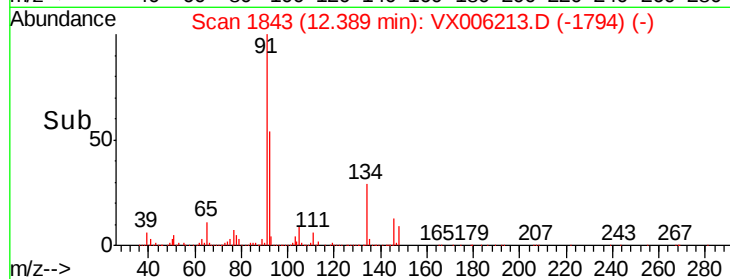
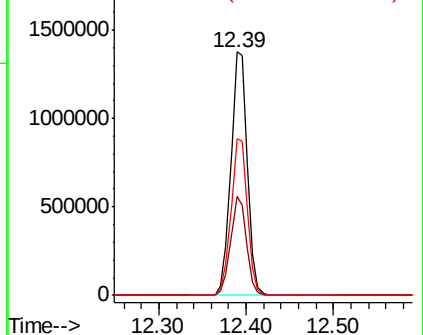
148 64.2 32.1 96.3



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: 95.604 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX006213.D

Acq: 29 Nov 2018 15:52

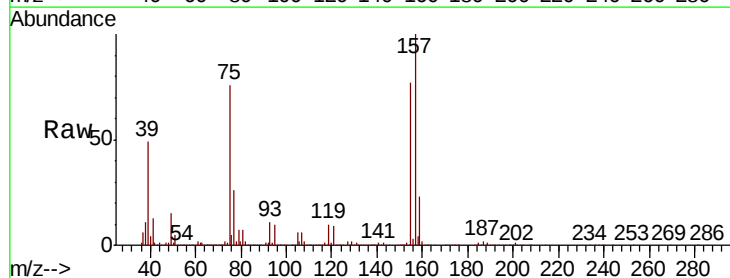
Tgt Ion: 75 Resp: 297629

Ion Ratio Lower Upper

75 100

155 105.6 53.4 160.3

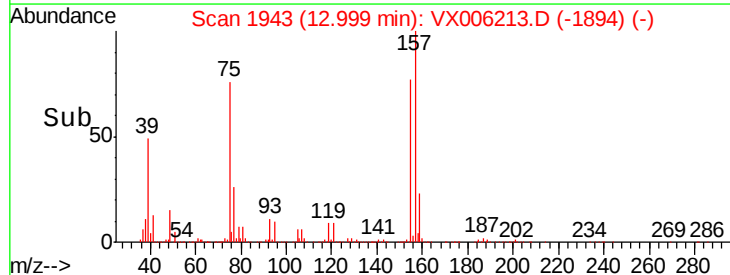
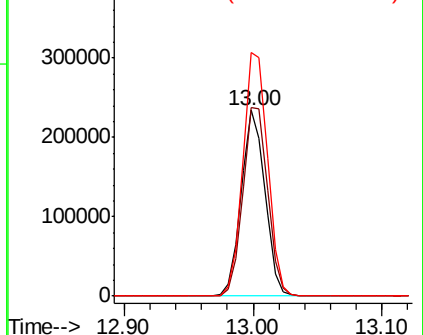
157 135.7 68.0 203.8

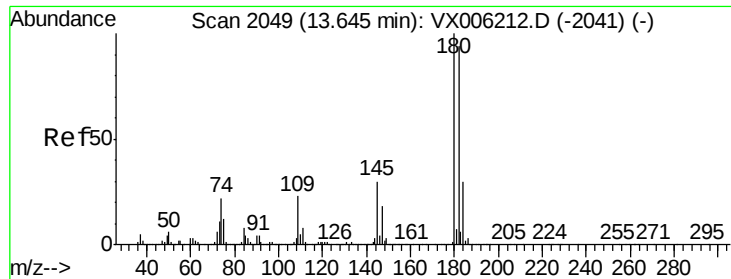


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

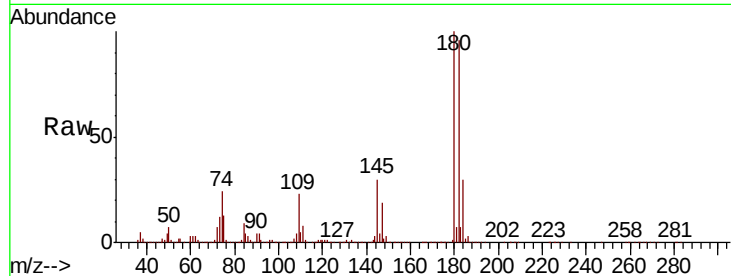




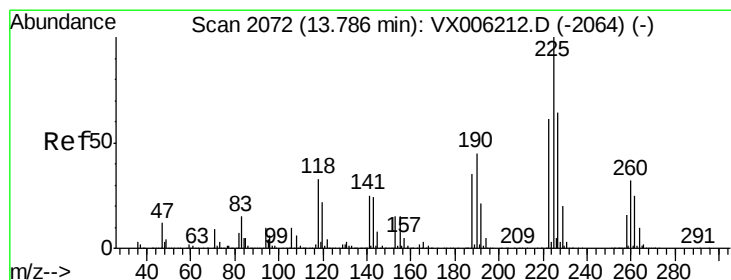
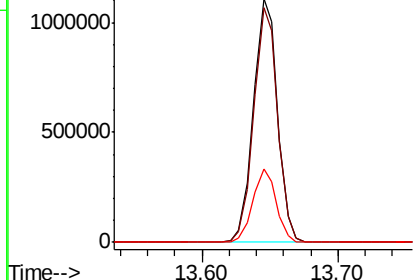
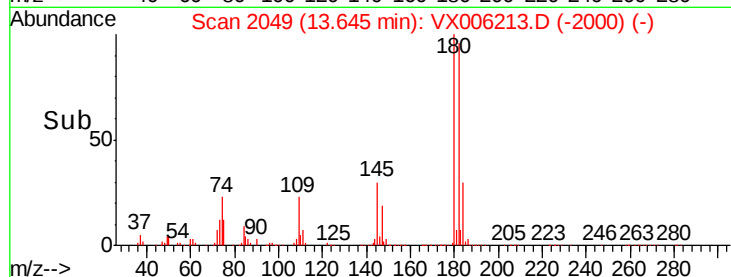
#93
 1,2,4-Trichlorobenzene
 Concen: 101.340 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX006213.D
 Acq: 29 Nov 2018 15:52

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC100

Tgt Ion:180 Resp: 1375458
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.3 141.9
 145 29.4 14.6 43.8

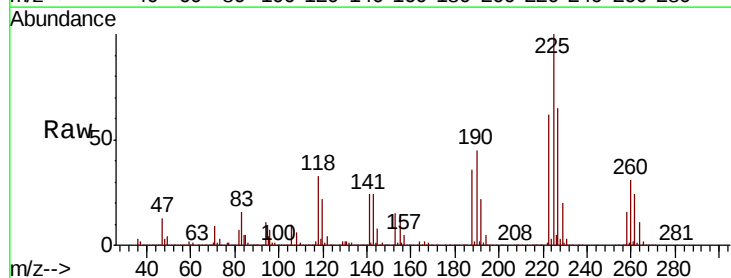


Abundance Ion 179.80 (179.50 to 180.50): V
 1500000 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

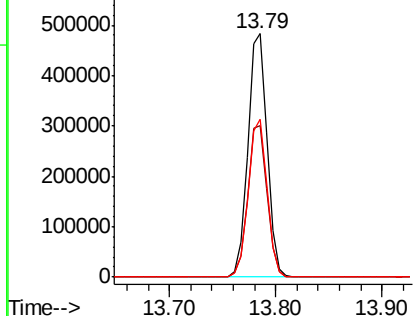
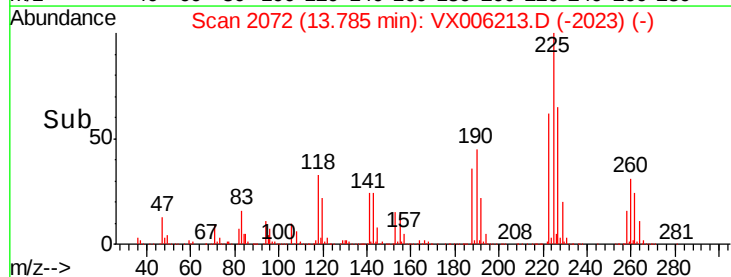


#94
 Hexachlorobutadiene
 Concen: 101.489 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX006213.D
 Acq: 29 Nov 2018 15:52

Tgt Ion:225 Resp: 609180
 Ion Ratio Lower Upper
 225 100
 223 62.8 31.2 93.6
 227 64.0 31.9 95.5



Abundance Ion 224.70 (224.40 to 225.40): V
 600000 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 99.852 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX006213.D

Acq: 29 Nov 2018 15:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

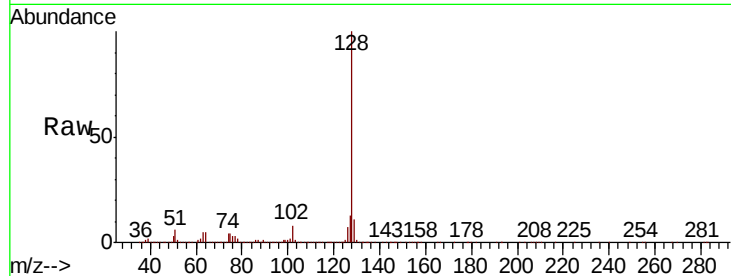
Tgt Ion:128 Resp: 4215752

Ion Ratio Lower Upper

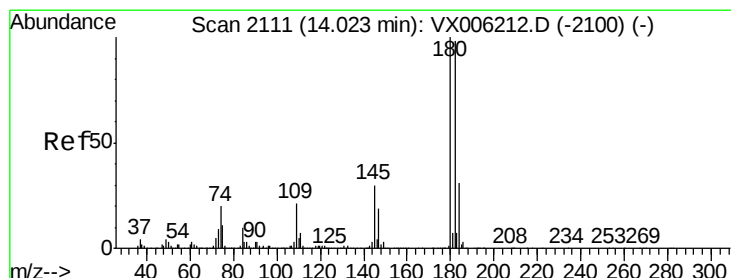
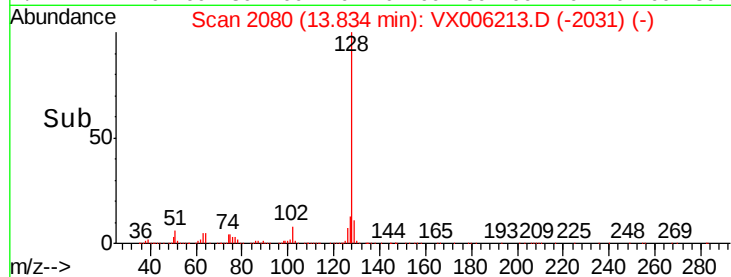
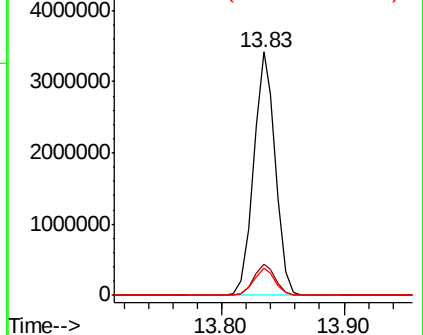
128 100

127 12.9 10.2 15.4

129 11.0 8.9 13.3



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: 101.804 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX006213.D

Acq: 29 Nov 2018 15:52

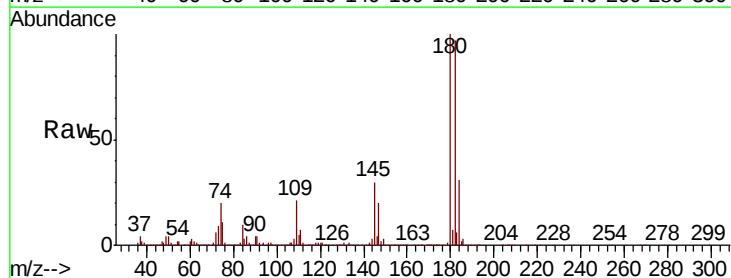
Tgt Ion:180 Resp: 1368592

Ion Ratio Lower Upper

180 100

182 95.8 48.4 145.2

145 30.9 15.6 46.8



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

