

Data File : VW006803.D
Acq On : 12 Nov 2018 12:25
Operator : SY/AP
Sample : VSTDIC005
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Quant Time: Nov 12 14:11:27 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 12 14:08:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	318088	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	412294	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	395936	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	224605	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	13281	5.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.40%	
35) Dibromofluoromethane	7.88	113	13831	5.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.78%	
50) Toluene-d8	10.33	98	56069	5.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.36%	
62) 4-Bromofluorobenzene	12.62	95	20386	5.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	11828	4.573	ug/l	98
3) Chloromethane	2.21	50	14219	4.580	ug/l	99
4) Vinyl Chloride	2.36	62	15762	4.829	ug/l	94
5) Bromomethane	2.78	94	12247	5.566	ug/l	97
6) Chloroethane	2.92	64	11210	5.248	ug/l	92
7) Trichlorofluoromethane	3.26	101	21091	5.143	ug/l	94
8) Diethyl Ether	3.69	74	6286	5.269	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.07	101	15827	5.808	ug/l	98
10) Methyl Iodide	4.28	142	19111	5.048	ug/l	98
11) Tert butyl alcohol	5.20	59	197	1.284	ug/l #	72
12) 1,1-Dichloroethene	4.04	96	11905	5.239	ug/l	90
13) Acrolein	3.92	56	4317	27.015	ug/l	98
14) Allyl chloride	4.68	41	15602	5.093	ug/l	96
15) Acrylonitrile	5.38	53	11044	23.126	ug/l	99
16) Acetone	4.16	43	8970	26.582	ug/l	95
17) Carbon Disulfide	4.38	76	35825	4.779	ug/l	100
18) Methyl Acetate	4.68	43	6453	5.449	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	26449	4.752	ug/l	99
20) Methylene Chloride	4.93	84	28961	8.877	ug/l	96
21) trans-1,2-Dichloroethene	5.43	96	14627	5.382	ug/l	98
22) Diisopropyl ether	6.32	45	30010	4.649	ug/l	98
23) Vinyl Acetate	6.27	43	80010	21.732	ug/l	98
24) 1,1-Dichloroethane	6.21	63	21847	5.173	ug/l	97
25) 2-Butanone	7.19	43	14225	25.531	ug/l	98
26) 2,2-Dichloropropane	7.17	77	25385	6.309	ug/l	94
27) cis-1,2-Dichloroethene	7.18	96	14931	5.127	ug/l	94
28) Bromochloromethane	7.52	49	8175	5.168	ug/l	98
29) Tetrahydrofuran	7.54	42	8674	23.752	ug/l	97
30) Chloroform	7.68	83	24446	5.224	ug/l	99
31) Cyclohexane	7.96	56	25625	5.892	ug/l #	77
32) 1,1,1-Trichloroethane	7.88	97	23859	5.373	ug/l	98
36) 1,1-Dichloropropene	8.09	75	19905	5.320	ug/l	99
37) Ethyl Acetate	7.26	43	6164	4.639	ug/l #	94
38) Carbon Tetrachloride	8.07	117	22628	5.661	ug/l	96

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	24909	5.229	ug/l	96
40) Benzene	8.33	78	54201	5.131	ug/l	98
41) Methacrylonitrile	7.49	41	3758	4.875	ug/l	97
42) 1,2-Dichloroethane	8.40	62	14960	5.202	ug/l	99
43) Isopropyl Acetate	8.43	43	10986	4.411	ug/l	94
44) Trichloroethene	9.10	130	17948	5.526	ug/l	98
45) 1,2-Dichloropropane	9.37	63	12746	5.137	ug/l	96
46) Dibromomethane	9.46	93	7157	5.138	ug/l	99
47) Bromodichloromethane	9.65	83	17619	5.212	ug/l	98
48) Methyl methacrylate	9.44	41	5815	4.957	ug/l	95
49) 1,4-Dioxane	9.48	88	2123	101.799	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	28047	21.918	ug/l	100
52) Toluene	10.39	92	37478	5.046	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	15554	4.745	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	19046	4.901	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	10154	4.948	ug/l	96
56) Ethyl methacrylate	10.65	69	9372	4.136	ug/l	90
57) 1,3-Dichloropropane	10.93	76	15874	4.839	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	26181	23.199	ug/l	97
59) 2-Hexanone	10.98	43	17952	20.700	ug/l	96
60) Dibromochloromethane	11.13	129	11575	4.692	ug/l	100
61) 1,2-Dibromoethane	11.24	107	9392	4.757	ug/l	99
64) Tetrachloroethene	10.87	164	16619	5.497	ug/l	96
65) Chlorobenzene	11.66	112	44872	5.324	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	13841	5.127	ug/l	98
67) Ethyl Benzene	11.74	91	74528	5.257	ug/l	98
68) m/p-Xylenes	11.85	106	61131	10.571	ug/l	100
69) o-Xylene	12.17	106	28037	5.266	ug/l	99
70) Styrene	12.19	104	42722	4.937	ug/l	99
71) Bromoform	12.35	173	6992	4.675	ug/l #	98
73) Isopropylbenzene	12.47	105	76076	5.264	ug/l	99
74) N-amyl acetate	12.27	43	10253	4.353	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	10360	4.812	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	13720	8.376	ug/l #	100
77) Bromobenzene	12.75	156	19970	5.344	ug/l	95
78) n-propylbenzene	12.81	91	92314	5.376	ug/l	99
79) 2-Chlorotoluene	12.90	91	51581	5.332	ug/l	97
80) 1,3,5-Trimethylbenzene	12.95	105	66013	5.272	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	2851	4.628	ug/l	94
82) 4-Chlorotoluene	12.99	91	56768	5.491	ug/l	99
83) tert-Butylbenzene	13.21	119	58769	5.432	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	67337	5.249	ug/l	99
85) sec-Butylbenzene	13.39	105	84510	5.458	ug/l	99
86) p-Isopropyltoluene	13.51	119	75492	5.345	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	42047	5.539	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	41797	5.528	ug/l	95
89) n-Butylbenzene	13.83	91	70083	5.376	ug/l	99
90) Hexachloroethane	14.10	117	11928	5.383	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	36464	5.491	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	1775	5.106	ug/l	89

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111218\
Quantitation Report (Not Reviewed)

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Operator : SY/AP
Sample : VSTDICC005
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	27226	5.538	ug/l	98
94) Hexachlorobutadiene	15.24	225	17716	5.726	ug/l	99
95) Naphthalene	15.38	128	36298	4.825	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	23945	5.631	ug/l	95

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

Data File : VW006803.D

Acq On : 12 Nov 2018 12:25

Operator : SY/AP

Sample : VSTDICC005

Misc : 5.00G/5ML/MSVOA W/SOIL

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ALS Vial      : 3      Sample Multiplier: 1
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Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

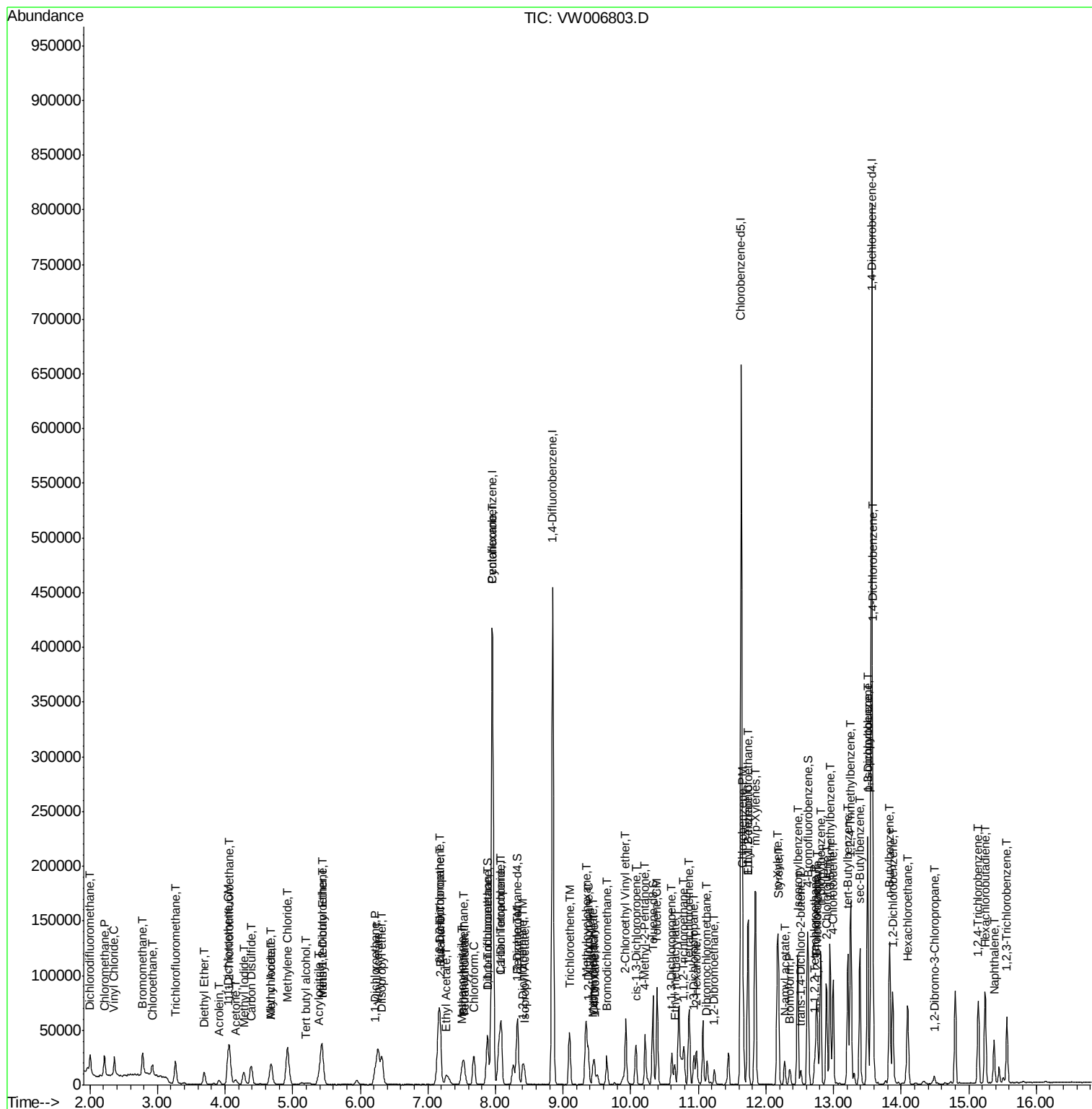
Quant Time: Nov 12 14:11:27 2018

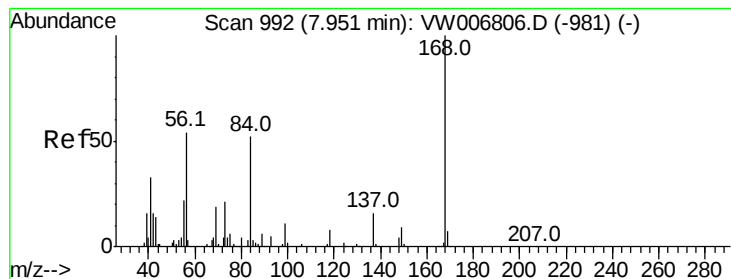
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA W\METHOD\82W111218S.M

Quant Title : SW846 8260

QLast Update : Mon Nov 12 14:08:58 2018

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW006803.D

Acq: 12 Nov 2018 12:25

Instrument :

MSVOA_W

ClientSampleId :

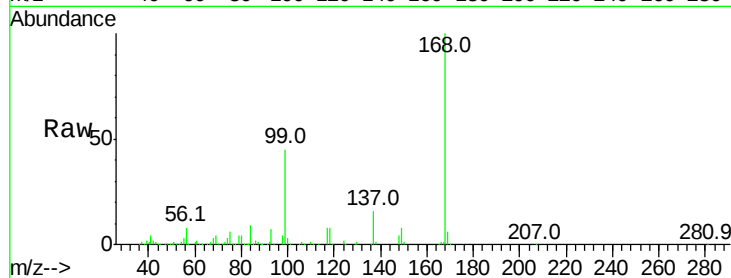
VSTDIC005

Tgt Ion:168 Resp: 318088

Ion Ratio Lower Upper

168 100

99 44.9 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

150000

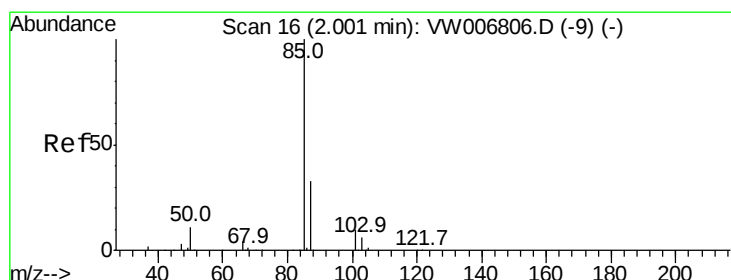
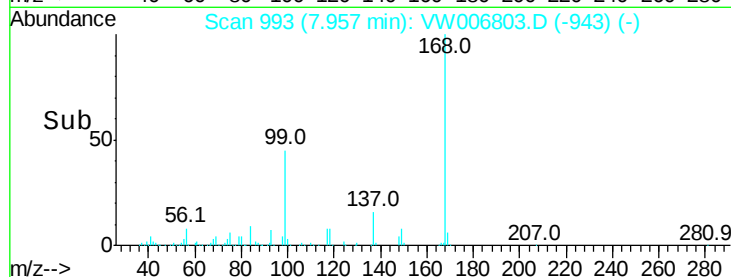
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 4.573 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW006803.D

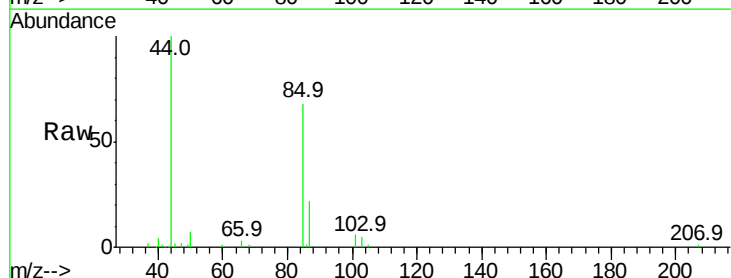
Acq: 12 Nov 2018 12:25

Tgt Ion: 85 Resp: 11828

Ion Ratio Lower Upper

85 100

87 31.7 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

10000

8000

6000

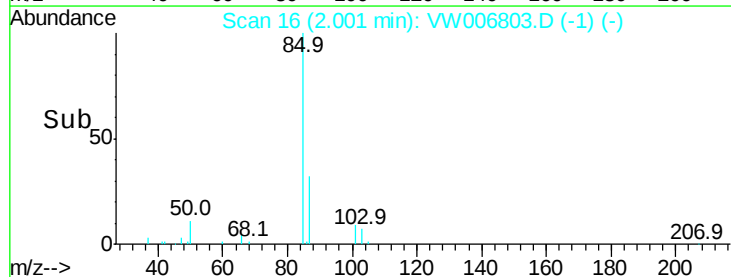
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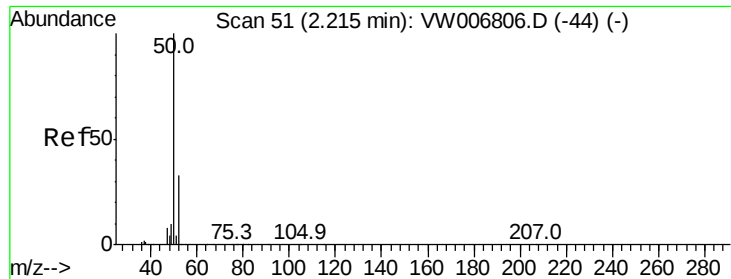
2000

0

1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 4.580 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW006803.D

Acq: 12 Nov 2018 12:25

Instrument :

MSVOA_W

ClientSampleId :

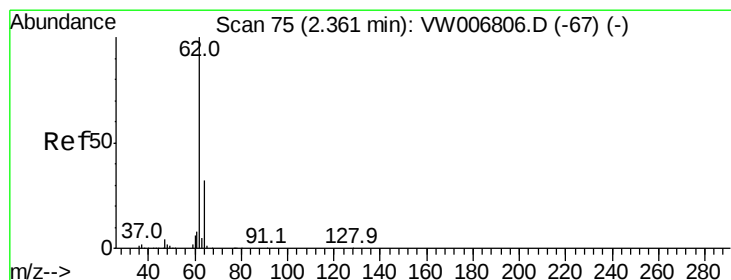
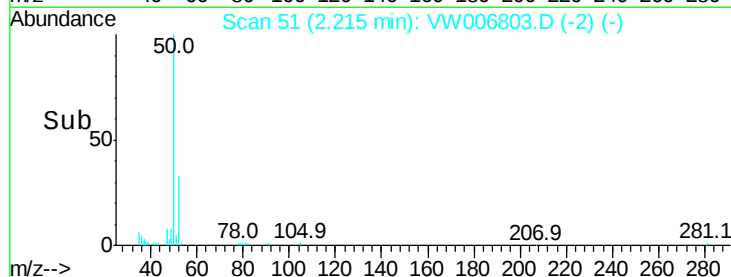
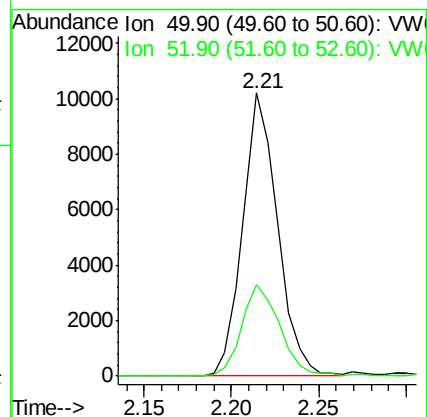
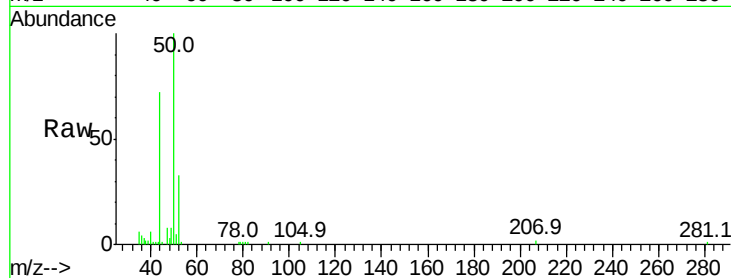
VSTDIC005

Tgt Ion: 50 Resp: 14219

Ion Ratio Lower Upper

50 100

52 32.5 26.2 39.4



#4

Vinyl Chloride

Concen: 4.829 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW006803.D

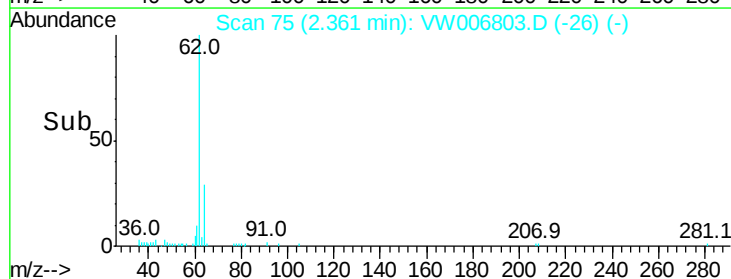
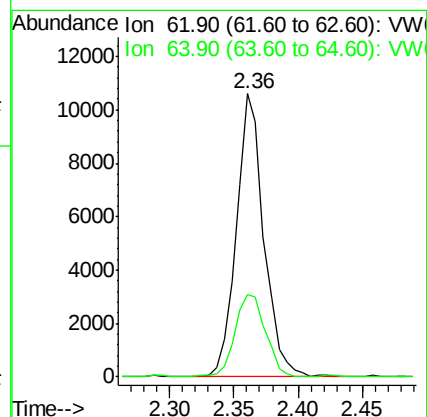
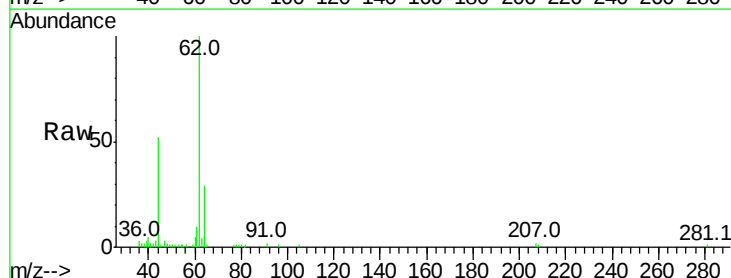
Acq: 12 Nov 2018 12:25

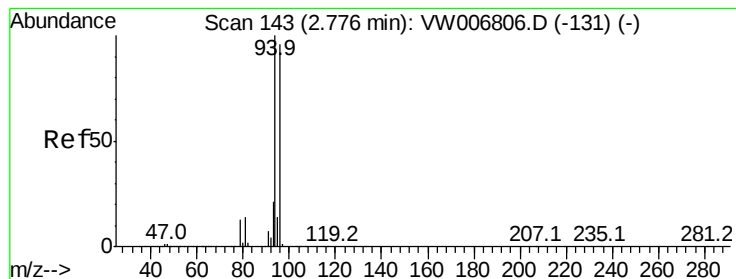
Tgt Ion: 62 Resp: 15762

Ion Ratio Lower Upper

62 100

64 28.9 25.6 38.4





#5

Bromomethane

Concen: 5.566 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.01 min

Lab File: VW006803.D

Acq: 12 Nov 2018 12:25

Instrument :

MSVOA_W

ClientSampleId :

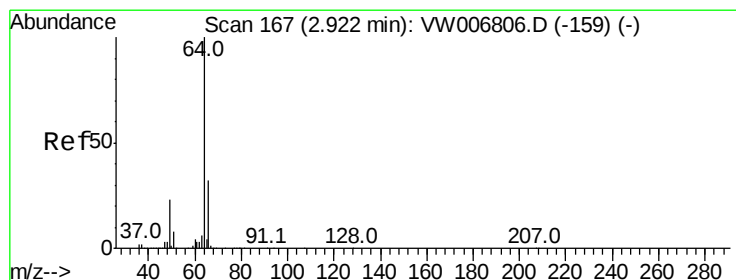
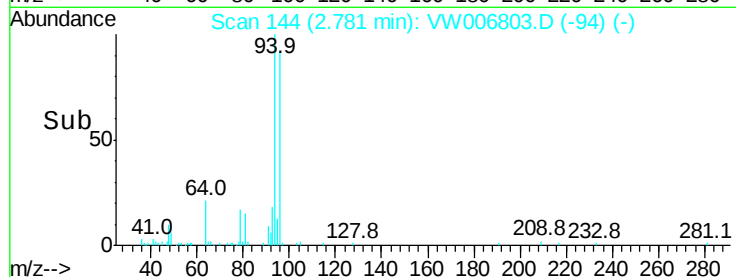
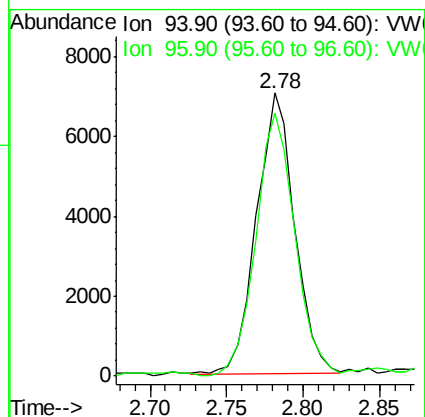
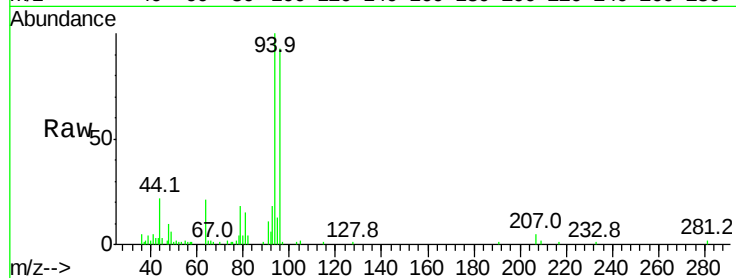
VSTDIC005

Tgt Ion: 94 Resp: 12247

Ion Ratio Lower Upper

94 100

96 92.8 76.8 115.2



#6

Chloroethane

Concen: 5.248 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.00 min

Lab File: VW006803.D

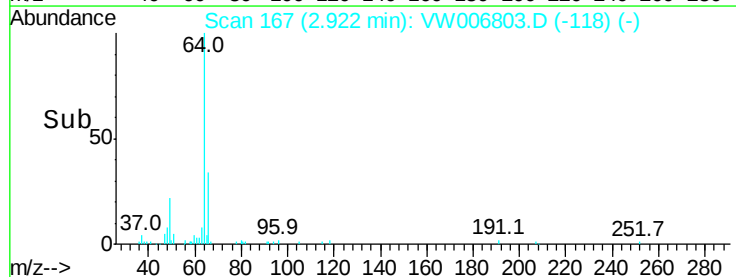
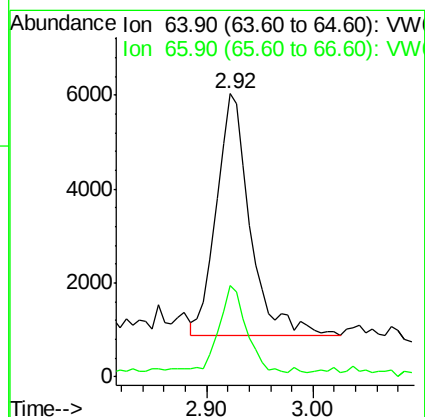
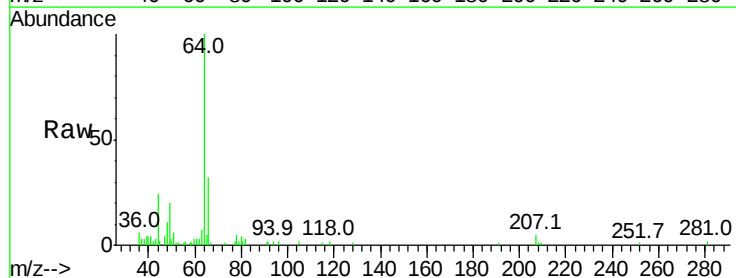
Acq: 12 Nov 2018 12:25

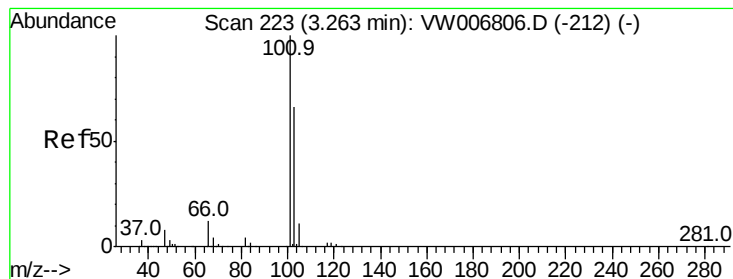
Tgt Ion: 64 Resp: 11210

Ion Ratio Lower Upper

64 100

66 36.3 25.5 38.3





#7

Trichlorofluoromethane

Concen: 5.143 ug/l

RT: 3.26 min Scan# 223

Delta R.T. -0.00 min

Lab File: VW006803.D

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Instrument :

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ClientSampleId :

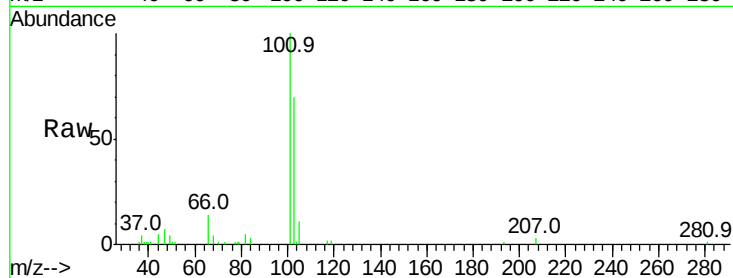
VSTDIC005

Tgt Ion:101 Resp: 21091

Ion Ratio Lower Upper

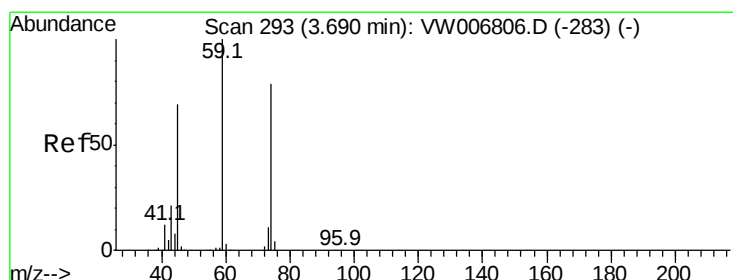
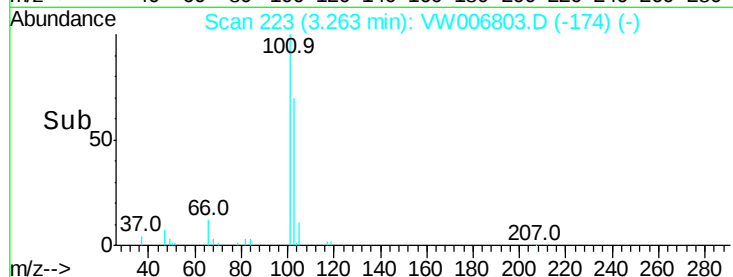
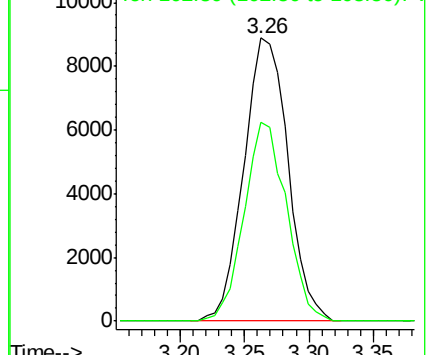
101 100

103 70.2 52.6 79.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 5.269 ug/l

RT: 3.69 min Scan# 293

Delta R.T. -0.00 min

Lab File: VW006803.D

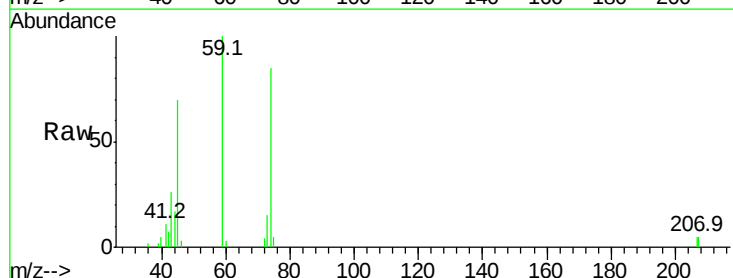
Acq: 12 Nov 2018 12:25

Tgt Ion: 74 Resp: 6286

Ion Ratio Lower Upper

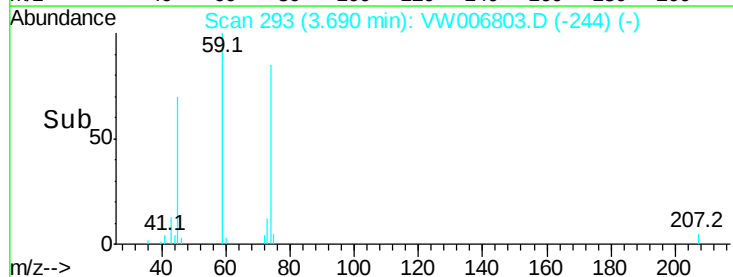
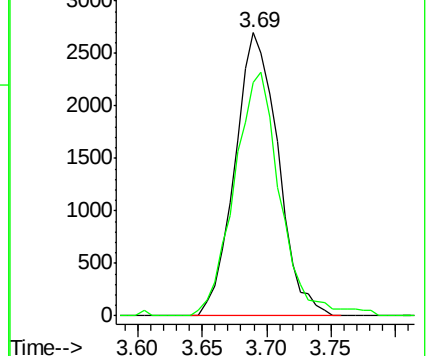
74 100

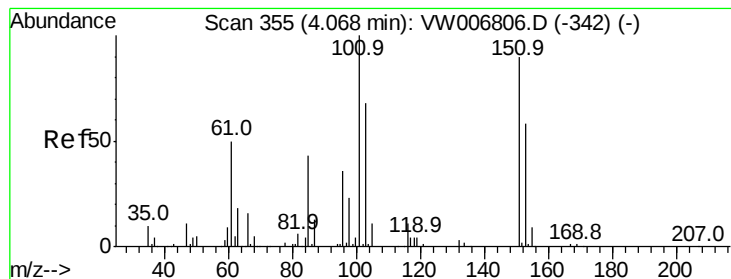
45 91.5 43.1 129.4



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.808 ug/l

RT: 4.07 min Scan# 355

Delta R.T. -0.00 min

Lab File: VW006803.D

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ClientSampleId :

VSTDIC005

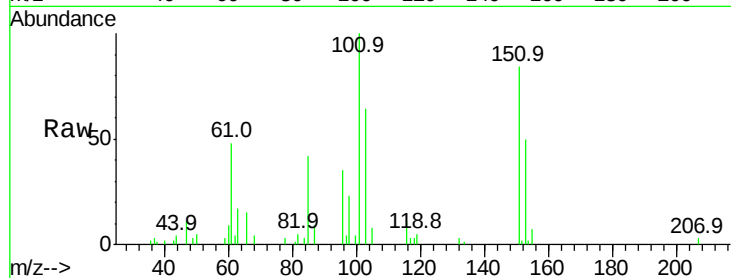
Tgt Ion:101 Resp: 15827

Ion Ratio Lower Upper

101 100

85 42.5 33.8 50.8

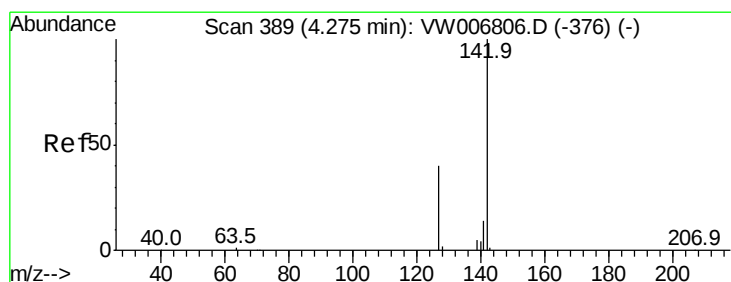
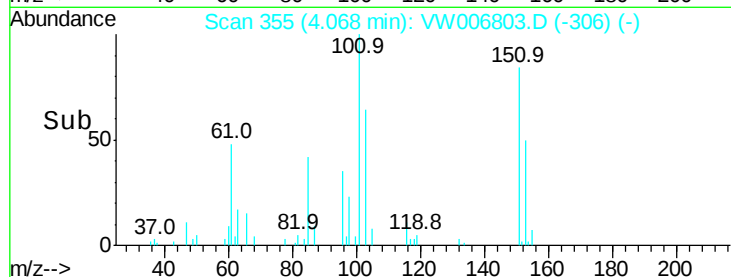
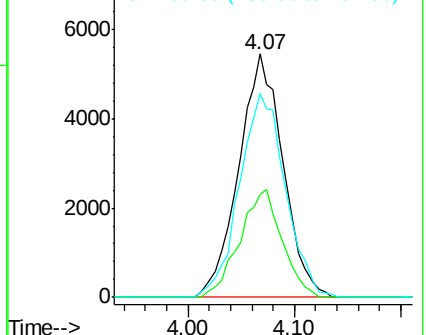
151 87.0 71.4 107.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 5.048 ug/l

RT: 4.28 min Scan# 389

Delta R.T. -0.00 min

Lab File: VW006803.D

Acq: 12 Nov 2018 12:25

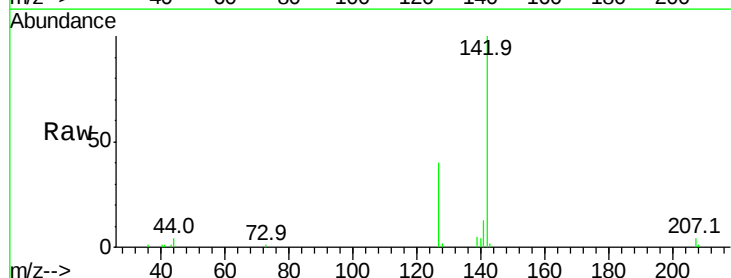
Tgt Ion:142 Resp: 19111

Ion Ratio Lower Upper

142 100

127 41.0 31.8 47.8

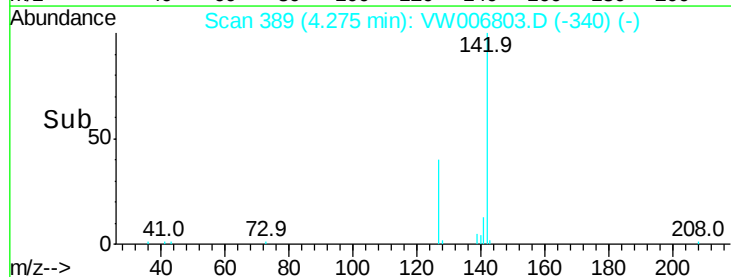
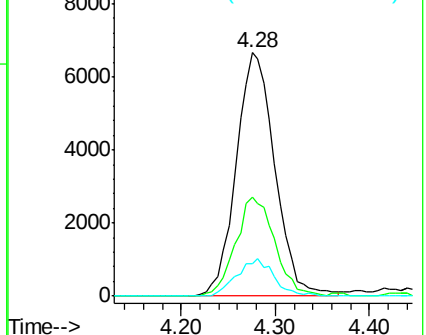
141 14.8 11.5 17.3

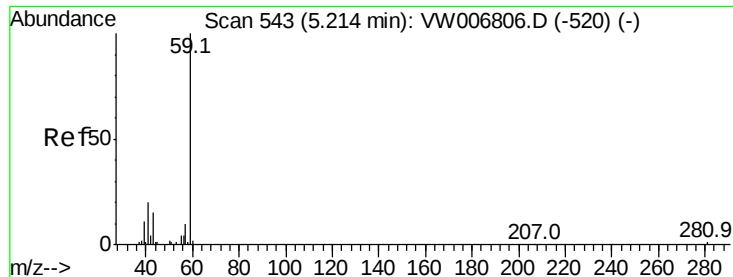


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 1.284 ug/l

RT: 5.20 min Scan# 540

Delta R.T. -0.02 min

Lab File: VW006803.D

Acq: 12 Nov 2018 12:25

Instrument :

MSVOA_W

ClientSampleId :

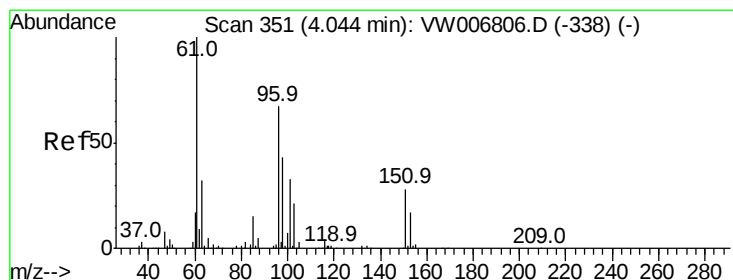
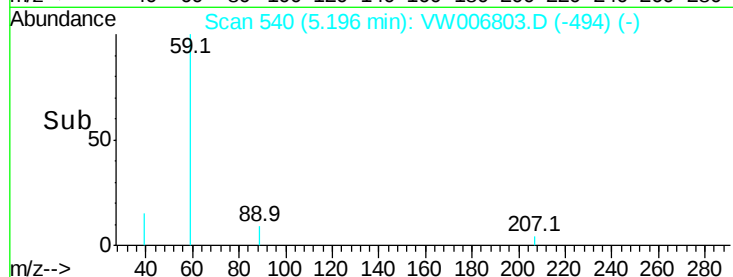
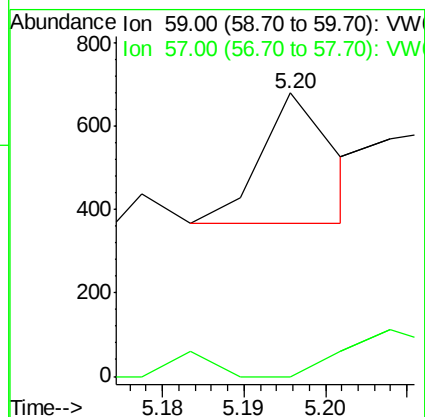
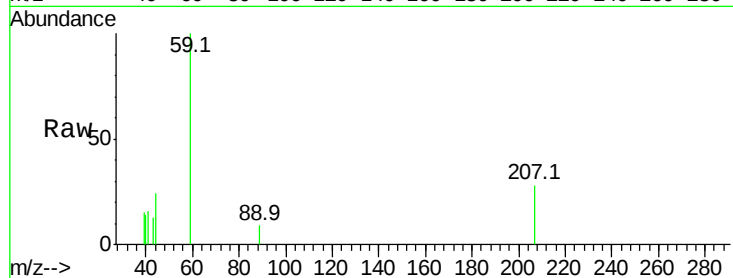
VSTDIC005

Tgt Ion: 59 Resp: 197

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#12

1,1-Dichloroethene

Concen: 5.239 ug/l

RT: 4.04 min Scan# 350

Delta R.T. -0.01 min

Lab File: VW006803.D

Acq: 12 Nov 2018 12:25

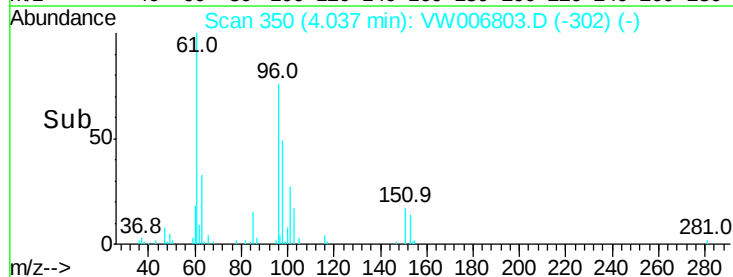
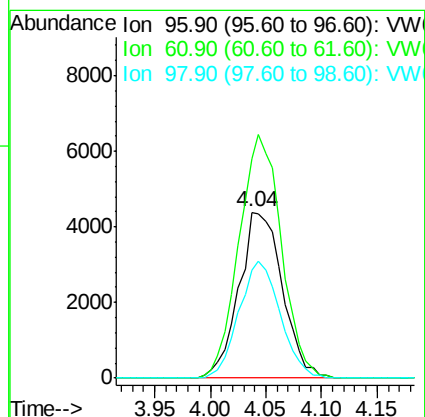
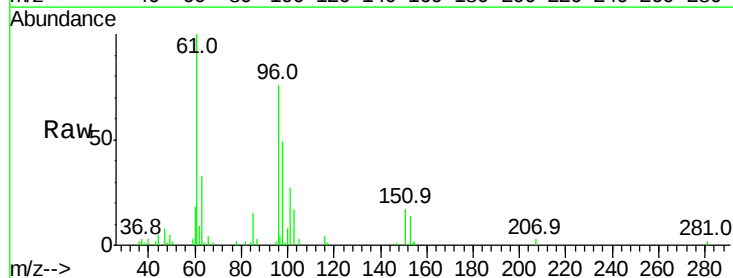
Tgt Ion: 96 Resp: 11905

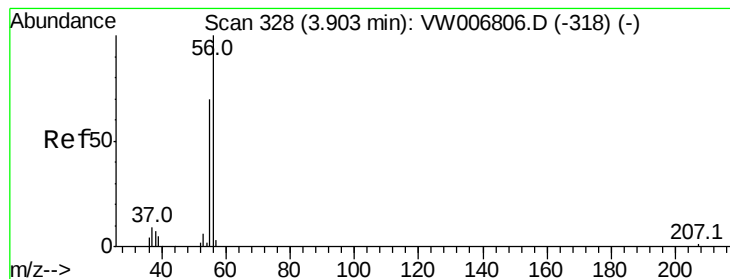
Ion Ratio Lower Upper

96 100

61 132.0 119.8 179.6

98 64.8 51.5 77.3





#13

Acrolein

Concen: 27.015 ug/l

RT: 3.92 min Scan# 330

Delta R.T. 0.01 min

Lab File: VW006803.D

Acq: 12 Nov 2018 12:25

Instrument :

MSVOA_W

ClientSampleId :

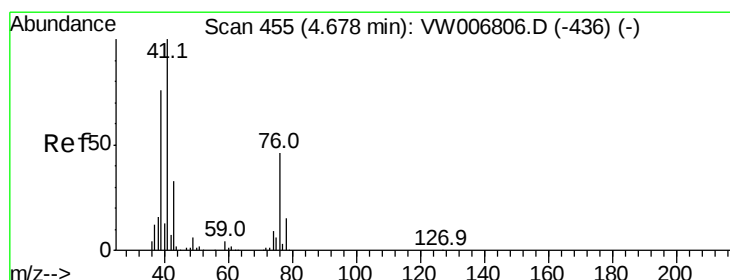
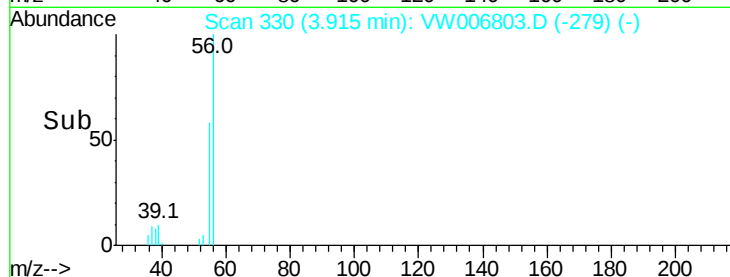
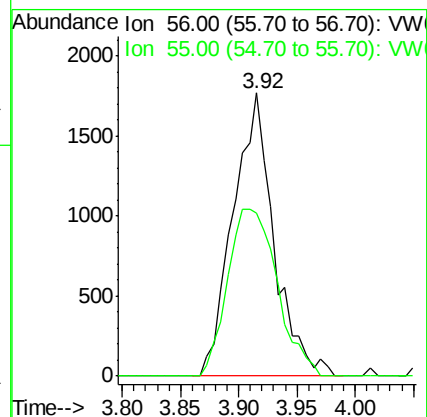
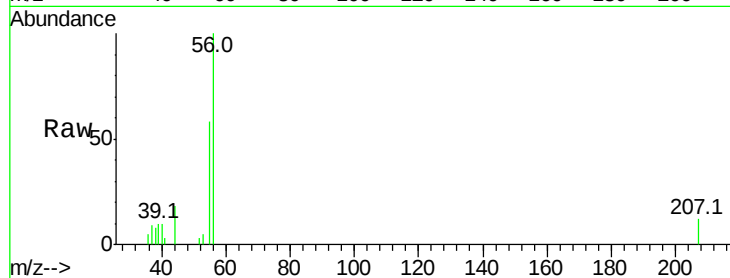
VSTDIC005

Tgt Ion: 56 Resp: 4317

Ion Ratio Lower Upper

56 100

55 71.5 56.1 84.1



#14

Allyl chloride

Concen: 5.093 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.00 min

Lab File: VW006803.D

Acq: 12 Nov 2018 12:25

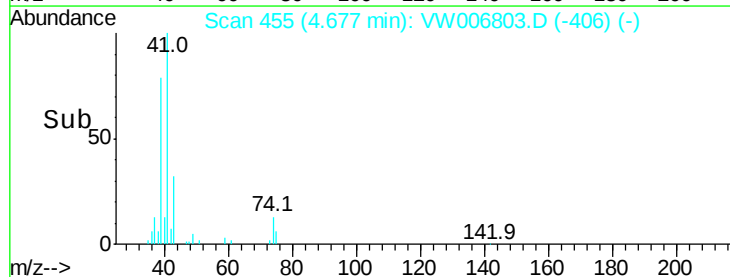
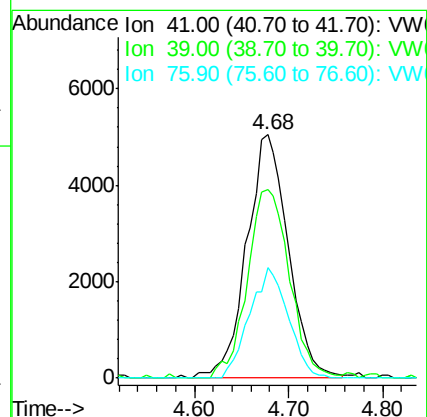
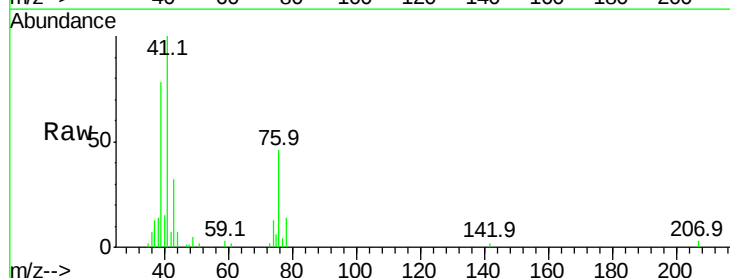
Tgt Ion: 41 Resp: 15602

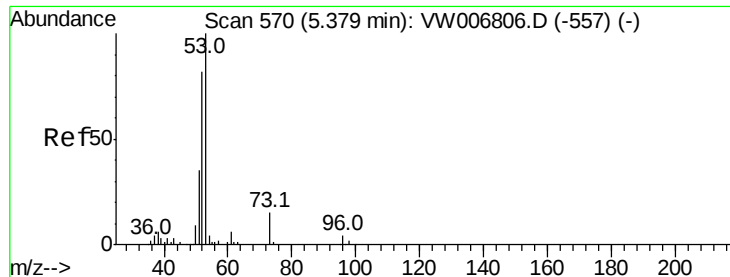
Ion Ratio Lower Upper

41 100

39 78.5 58.9 88.3

76 42.3 34.4 51.6





#15

Acrylonitrile

Concen: 23.126 ug/l

RT: 5.38 min Scan# 571

Delta R.T. 0.01 min

Lab File: VW006803.D

Acq: 12 Nov 2018 12:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

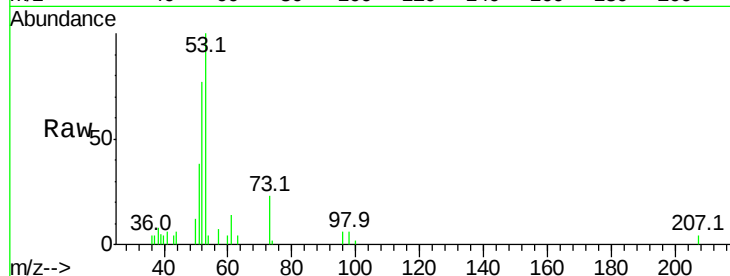
Tgt Ion: 53 Resp: 11044

Ion Ratio Lower Upper

53 100

52 81.2 65.2 97.8

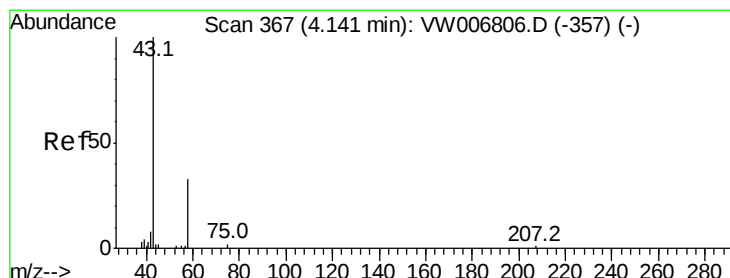
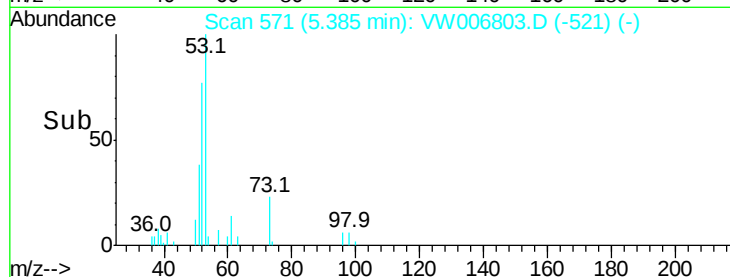
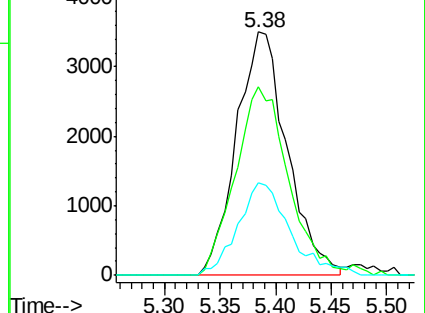
51 39.3 30.0 45.0



Abundance Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 26.582 ug/l

RT: 4.16 min Scan# 370

Delta R.T. 0.02 min

Lab File: VW006803.D

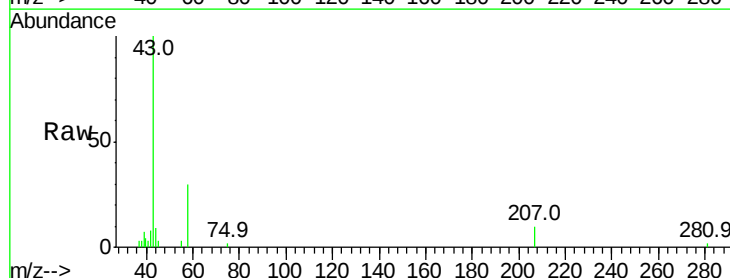
Acq: 12 Nov 2018 12:25

Tgt Ion: 43 Resp: 8970

Ion Ratio Lower Upper

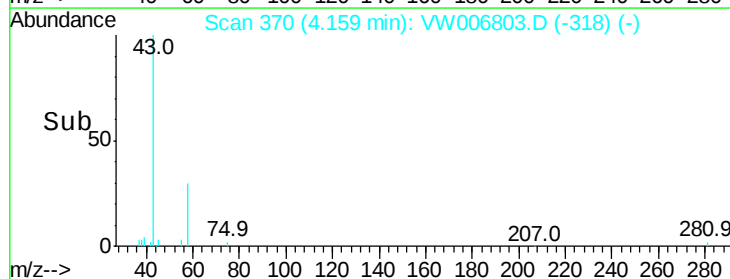
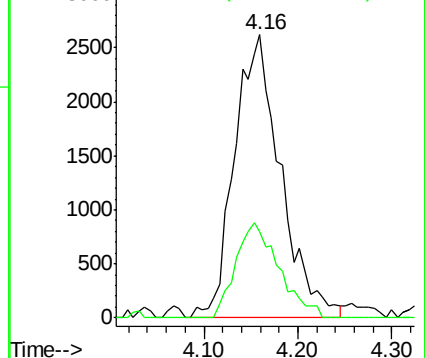
43 100

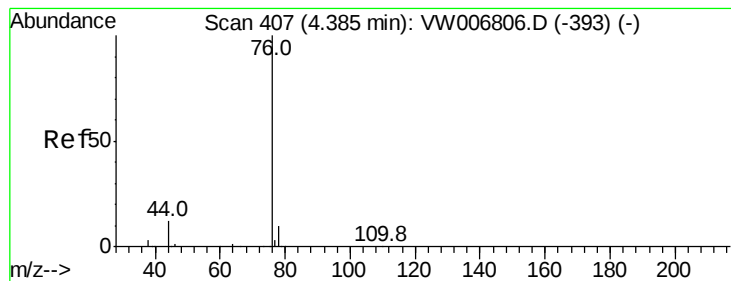
58 30.3 26.5 39.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 4.779 ug/l

RT: 4.38 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW006803.D

Acq: 12 Nov 2018 12:25

Instrument :

MSVOA_W

ClientSampleId :

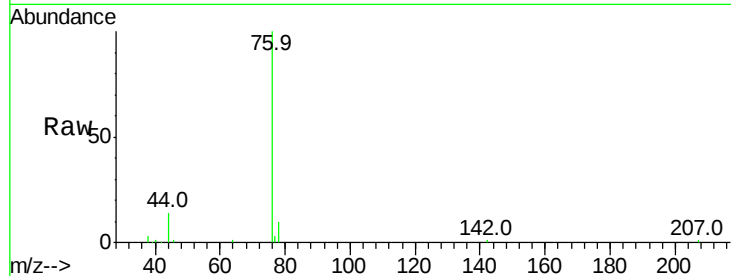
VSTDIC005

Tgt Ion: 76 Resp: 35825

Ion Ratio Lower Upper

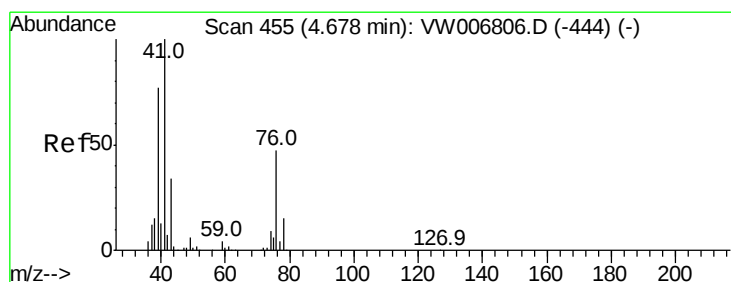
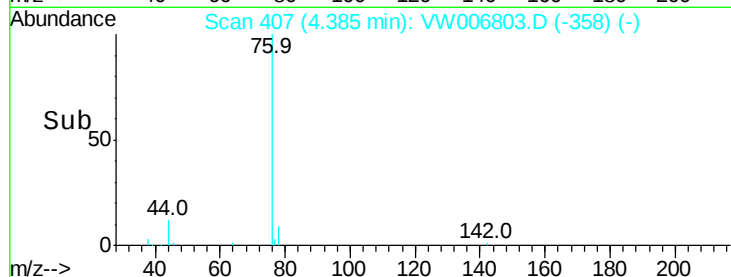
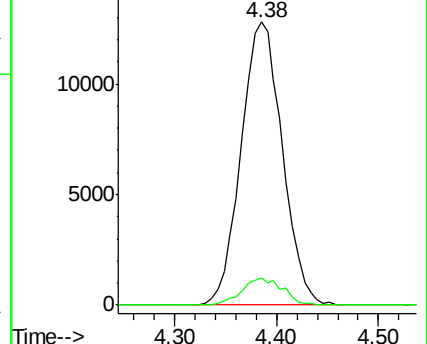
76 100

78 9.6 7.6 11.4



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 5.449 ug/l

RT: 4.68 min Scan# 456

Delta R.T. 0.01 min

Lab File: VW006803.D

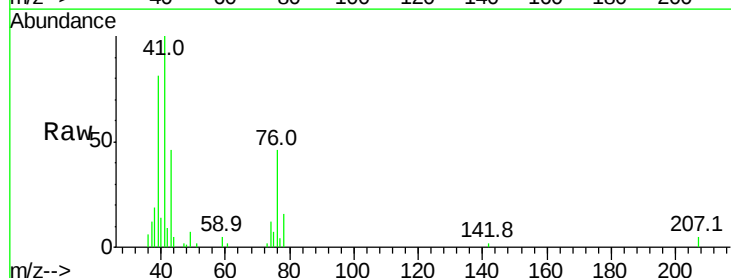
Acq: 12 Nov 2018 12:25

Tgt Ion: 43 Resp: 6453

Ion Ratio Lower Upper

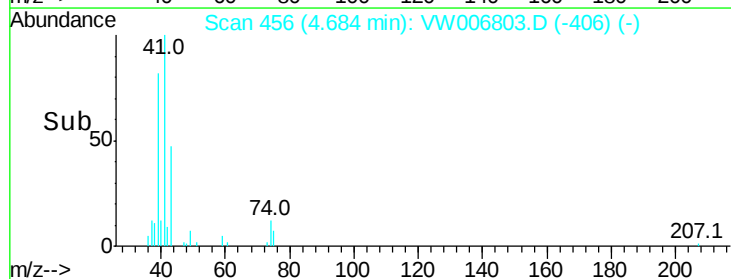
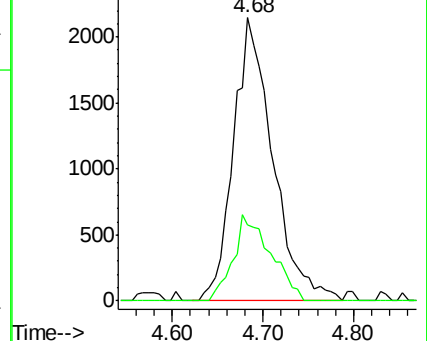
43 100

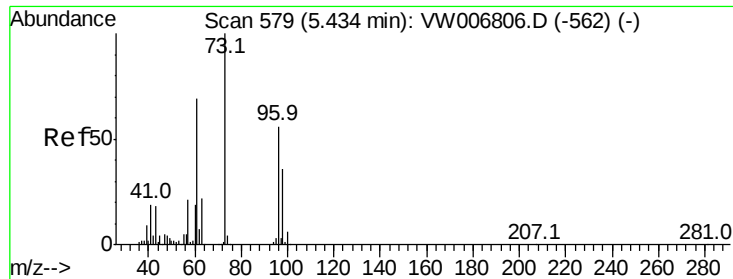
74 28.9 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

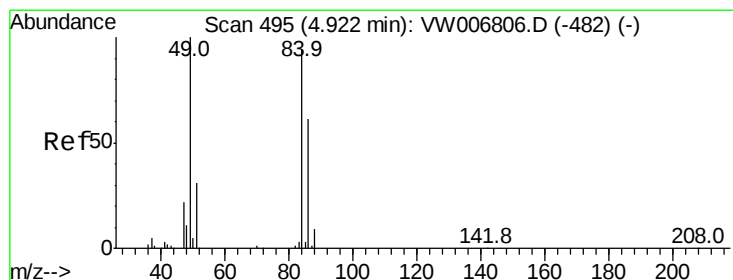
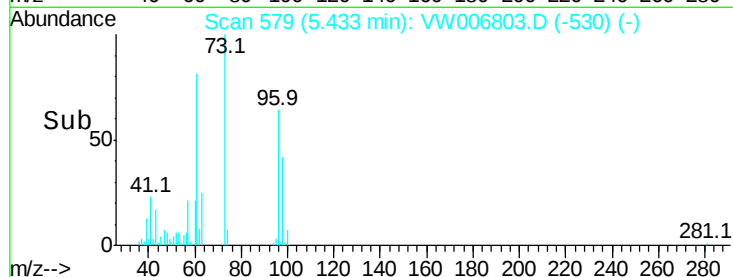
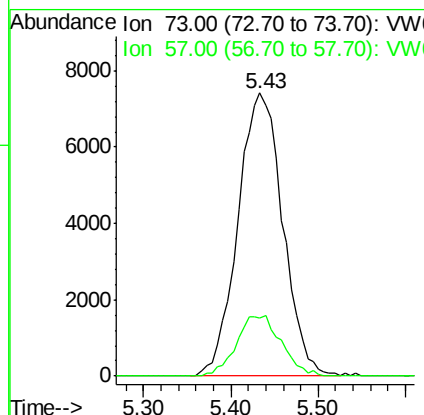
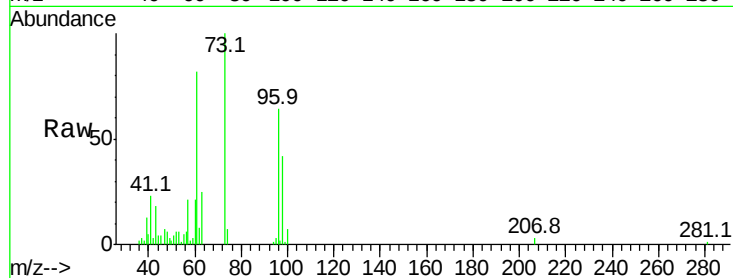




#19
Methyl tert-butyl Ether
Concen: 4.752 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW006803.D
Acq: 12 Nov 2018 12:25

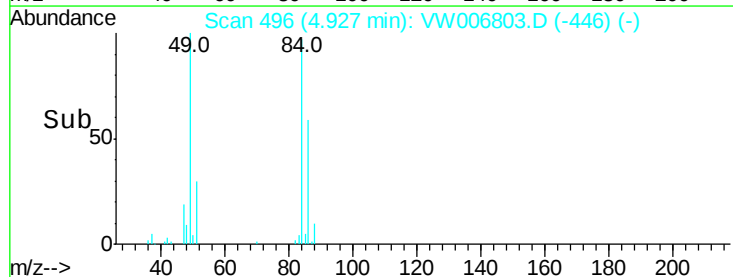
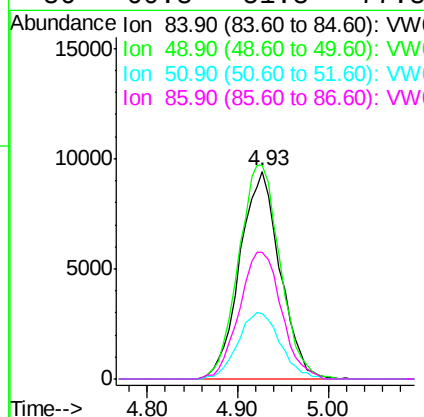
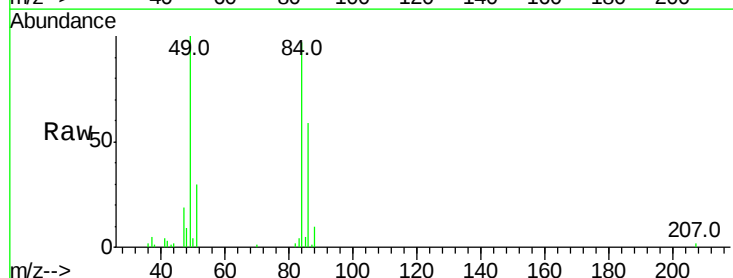
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

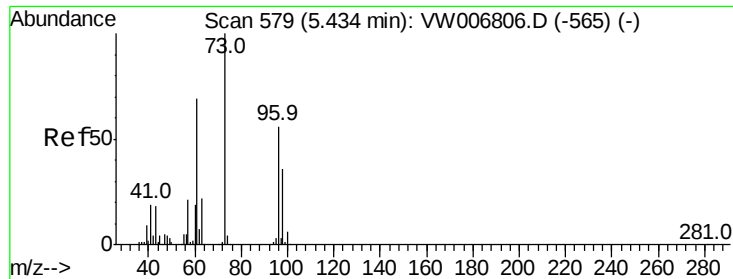
Tgt Ion: 73 Resp: 26449
Ion Ratio Lower Upper
73 100
57 20.7 16.8 25.2



#20
Methylene Chloride
Concen: 8.877 ug/l
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW006803.D
Acq: 12 Nov 2018 12:25

Tgt Ion: 84 Resp: 28961
Ion Ratio Lower Upper
84 100
49 102.8 84.8 127.2
51 31.3 26.2 39.4
86 60.8 51.8 77.8





#21

trans-1,2-Dichloroethene

Concen: 5.382 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.01 min

Lab File: VW006803.D

Acq: 12 Nov 2018 12:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

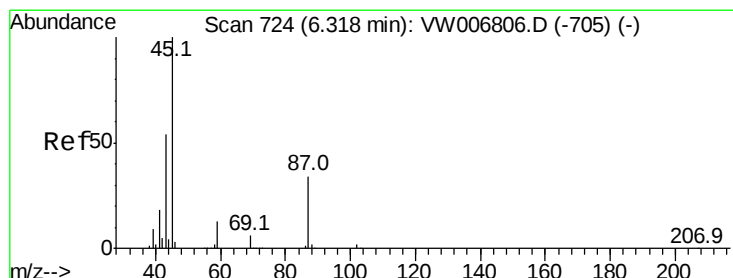
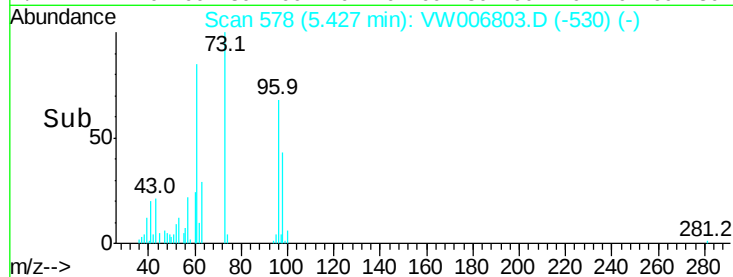
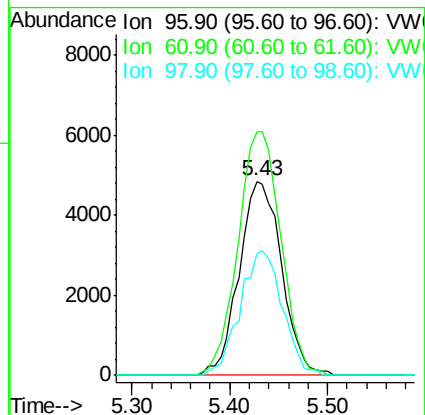
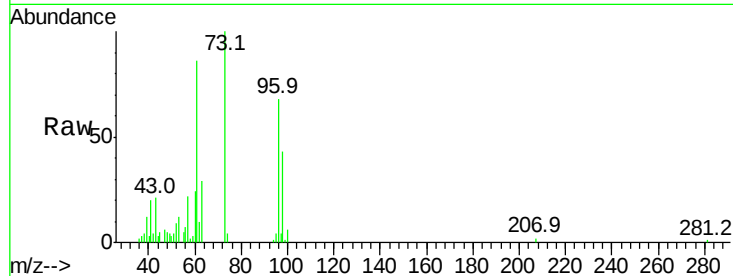
Tgt Ion: 96 Resp: 14627

Ion Ratio Lower Upper

96 100

61 125.6 98.7 148.1

98 62.7 51.2 76.8



#22

Diisopropyl ether

Concen: 4.649 ug/l

RT: 6.32 min Scan# 725

Delta R.T. 0.01 min

Lab File: VW006803.D

Acq: 12 Nov 2018 12:25

Tgt Ion: 45 Resp: 30010

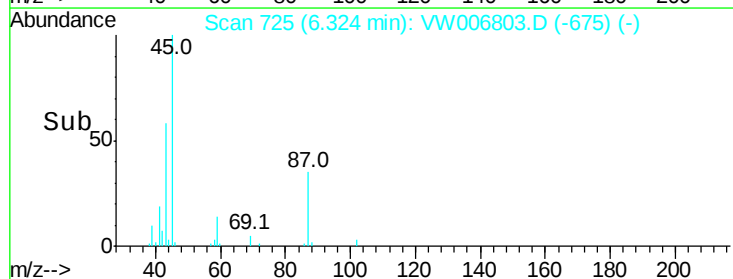
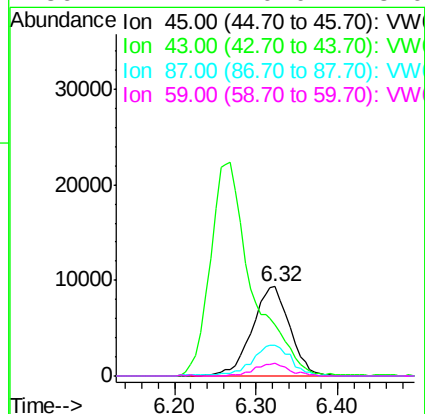
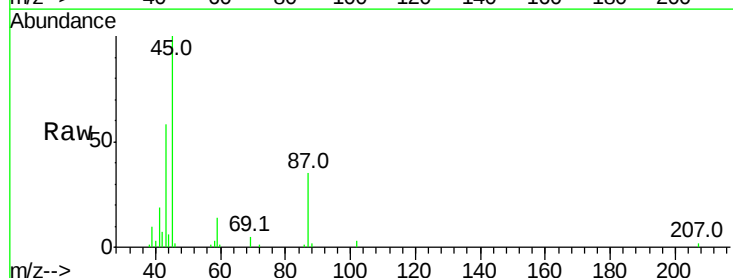
Ion Ratio Lower Upper

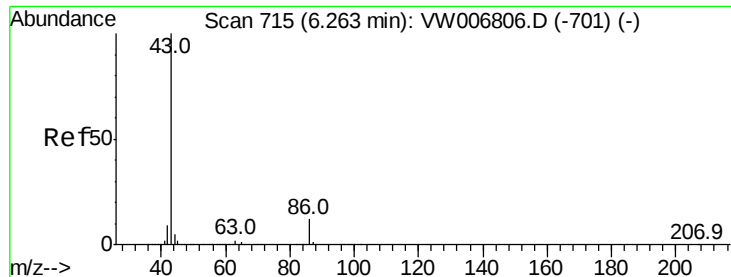
45 100

43 55.9 43.7 65.5

87 35.0 27.2 40.8

59 14.4 10.0 15.0





#23

Vinyl Acetate

Concen: 21.732 ug/l

RT: 6.27 min Scan# 716

Delta R.T. 0.01 min

Lab File: VW006803.D

Acq: 12 Nov 2018 12:25

Instrument :

MSVOA_W

ClientSampleId :

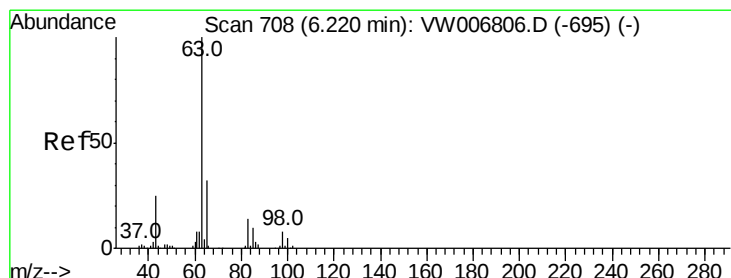
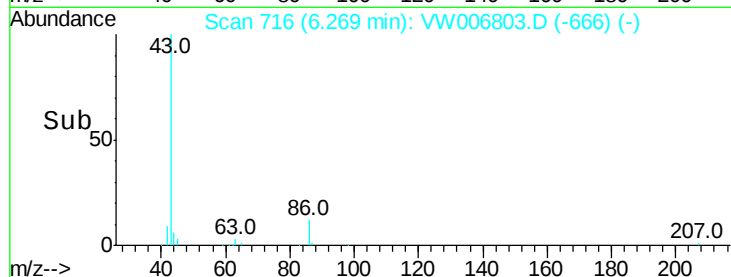
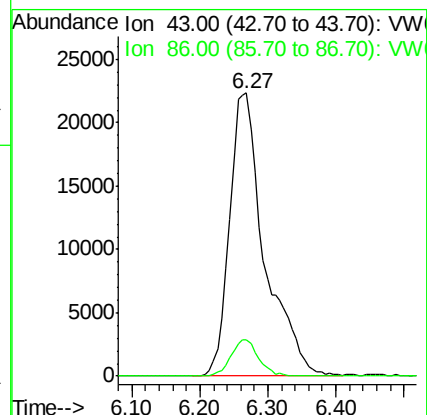
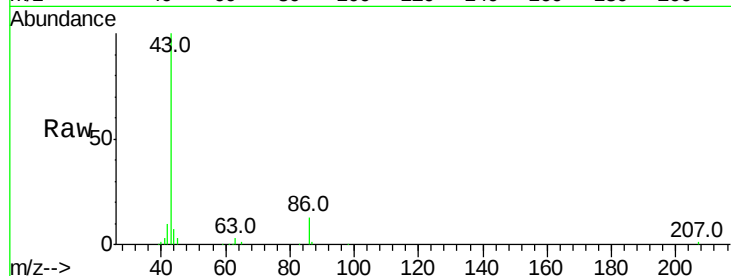
VSTDIC005

Tgt Ion: 43 Resp: 80010

Ion Ratio Lower Upper

43 100

86 12.8 9.6 14.4



#24

1,1-Dichloroethane

Concen: 5.173 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW006803.D

Acq: 12 Nov 2018 12:25

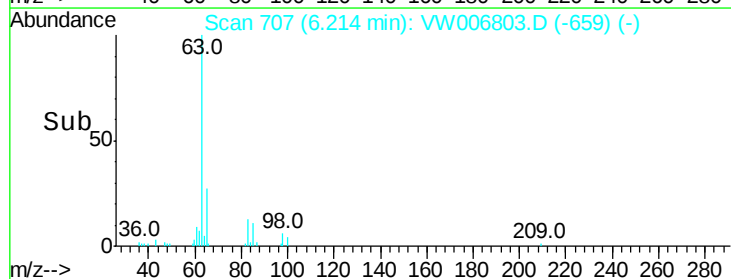
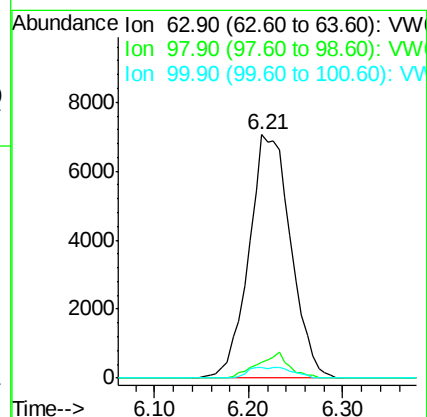
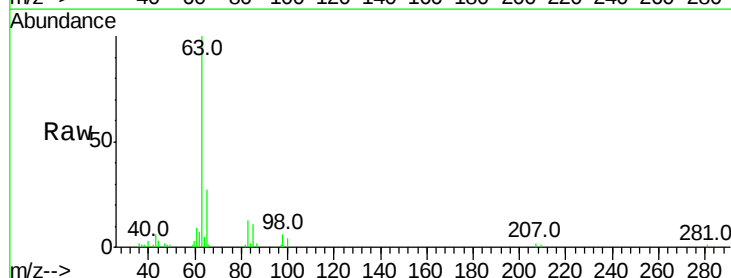
Tgt Ion: 63 Resp: 21847

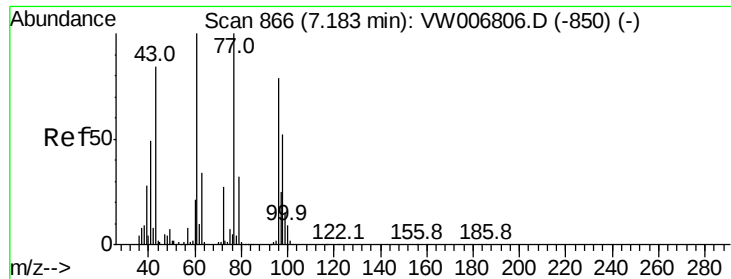
Ion Ratio Lower Upper

63 100

98 6.3 3.9 11.5

100 4.2 2.4 7.2





#25

2-Butanone

Concen: 25.531 ug/l

RT: 7.19 min Scan# 867

Delta R.T. 0.01 min

Lab File: VW006803.D

Acq: 12 Nov 2018 12:25

Instrument :

MSVOA_W

ClientSampled :

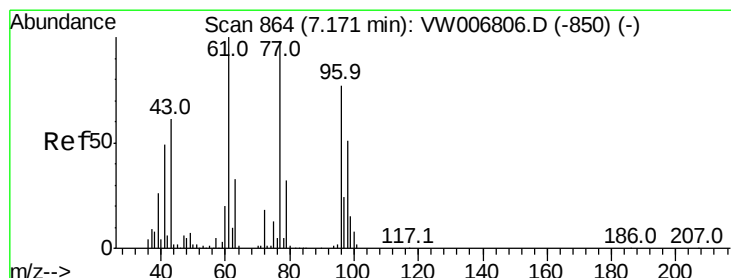
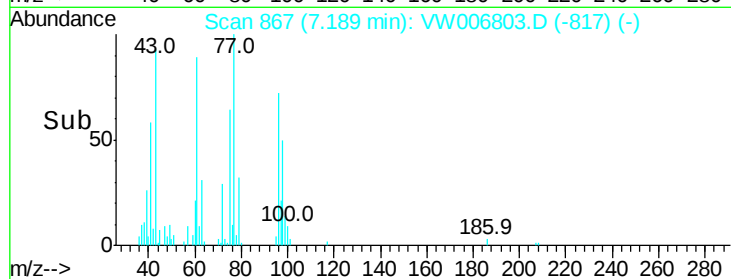
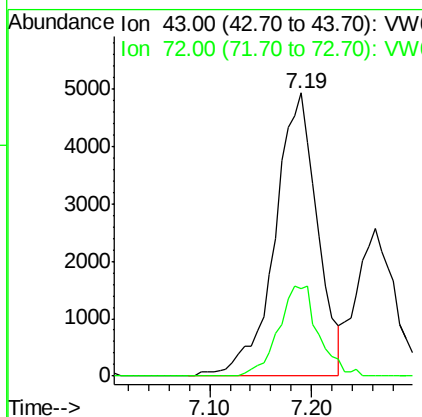
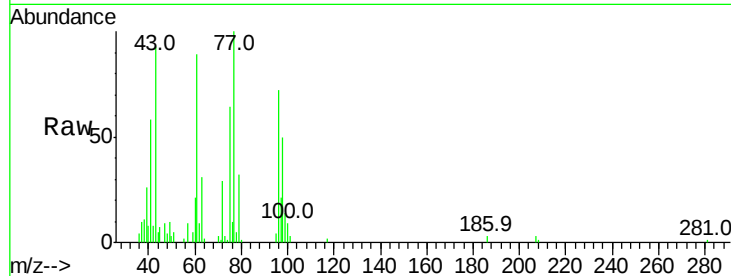
VSTDIC005

Tgt Ion: 43 Resp: 14225

Ion Ratio Lower Upper

43 100

72 30.7 25.3 37.9



#26

2,2-Dichloropropane

Concen: 6.309 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW006803.D

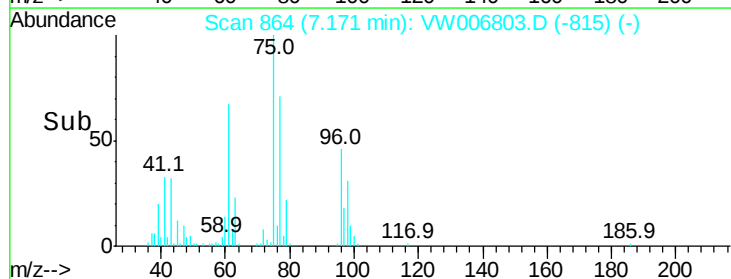
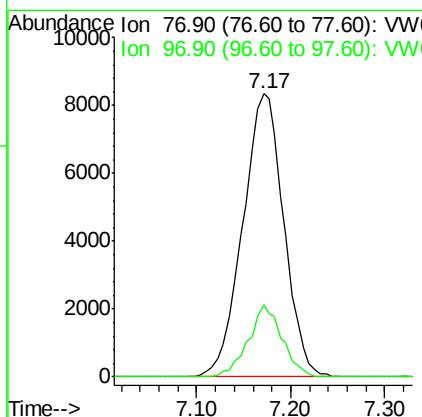
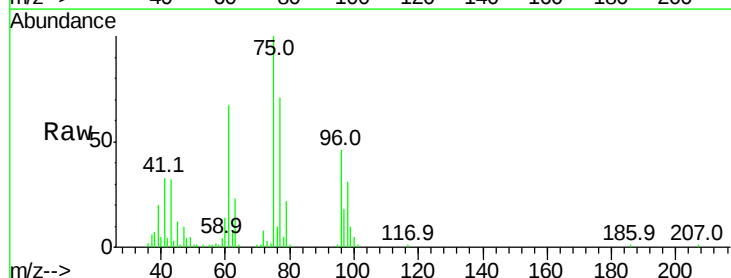
Acq: 12 Nov 2018 12:25

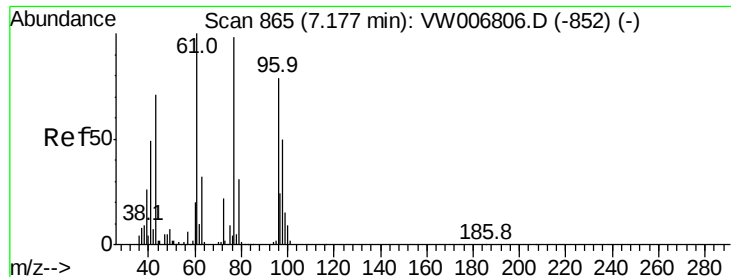
Tgt Ion: 77 Resp: 25385

Ion Ratio Lower Upper

77 100

97 21.1 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 5.127 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW006803.D

Acq: 12 Nov 2018 12:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

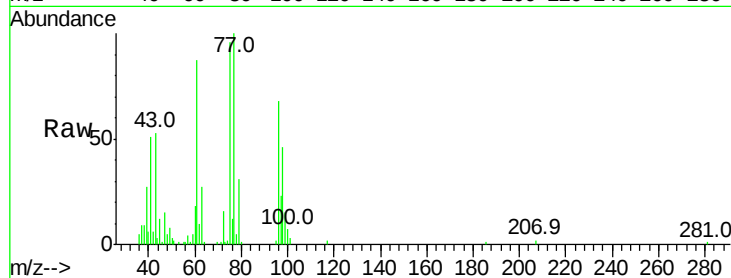
Tgt Ion: 96 Resp: 14931

Ion Ratio Lower Upper

96 100

61 142.6 0.0 264.0

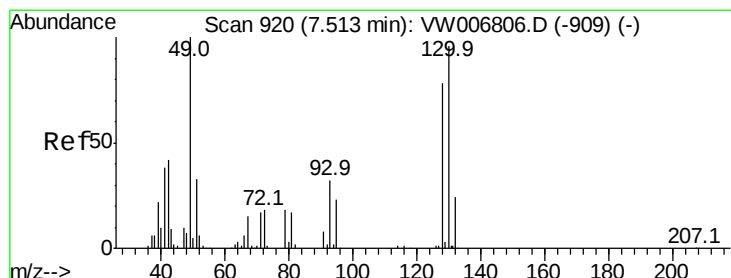
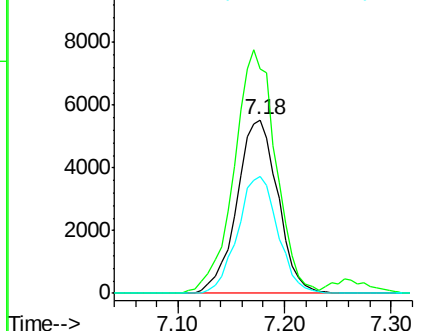
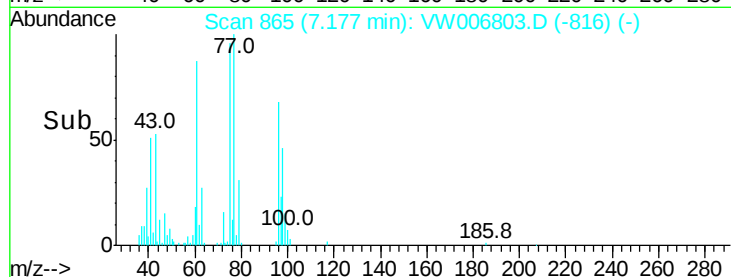
98 66.1 0.0 131.0



Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#28

Bromochloromethane

Concen: 5.168 ug/l

RT: 7.52 min Scan# 921

Delta R.T. 0.01 min

Lab File: VW006803.D

Acq: 12 Nov 2018 12:25

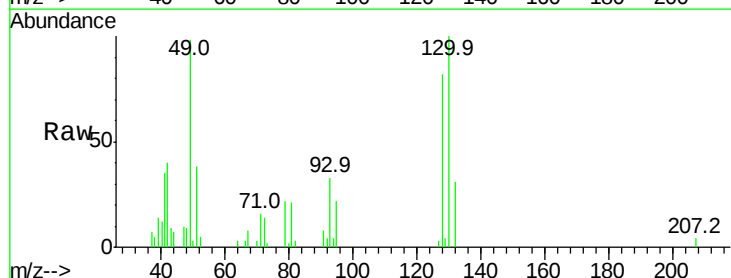
Tgt Ion: 49 Resp: 8175

Ion Ratio Lower Upper

49 100

129 2.3 0.0 5.6

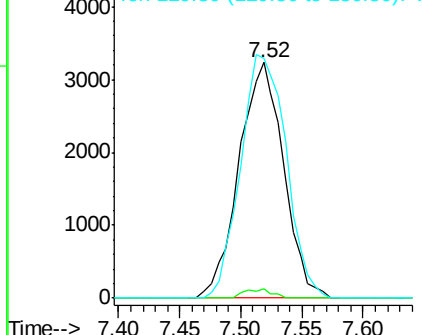
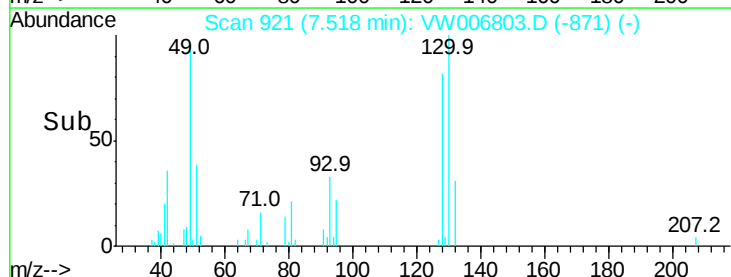
130 105.9 83.3 124.9

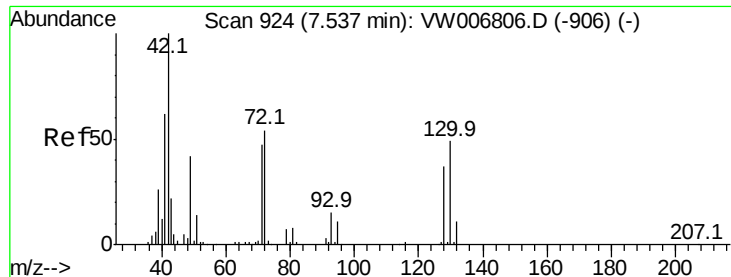


Abundance Ion 48.90 (48.60 to 49.60): VW

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 23.752 ug/l

RT: 7.54 min Scan# 925

Delta R.T. 0.01 min

Lab File: VW006803.D

Acq: 12 Nov 2018 12:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

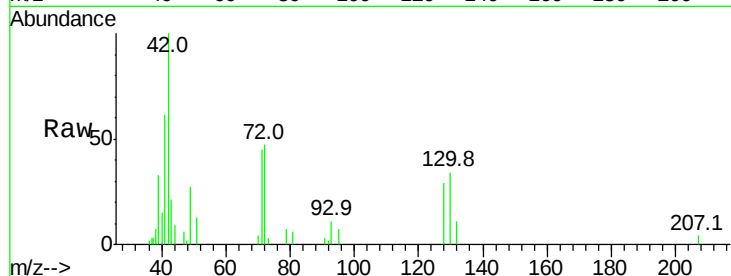
Tgt Ion: 42 Resp: 8674

Ion Ratio Lower Upper

42 100

72 47.1 40.9 61.3

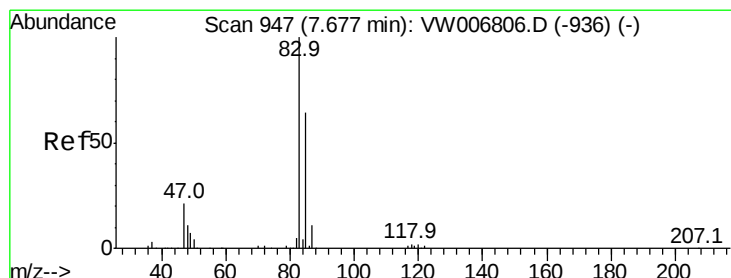
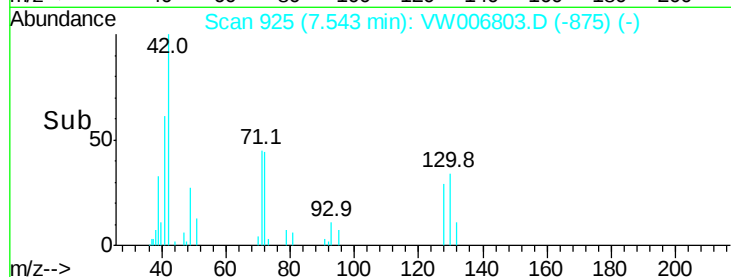
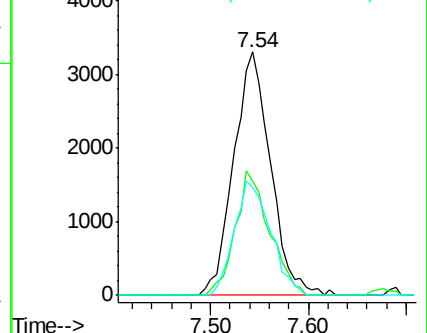
71 45.9 36.9 55.3



Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW



#30

Chloroform

Concen: 5.224 ug/l

RT: 7.68 min Scan# 948

Delta R.T. 0.01 min

Lab File: VW006803.D

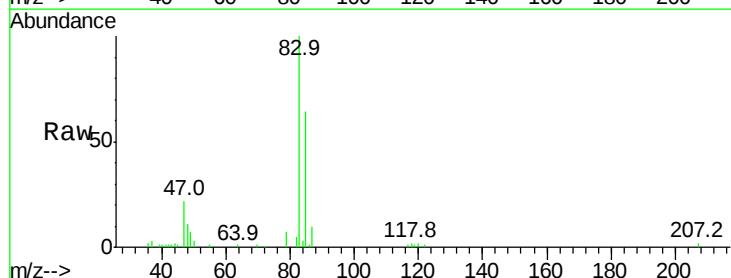
Acq: 12 Nov 2018 12:25

Tgt Ion: 83 Resp: 24446

Ion Ratio Lower Upper

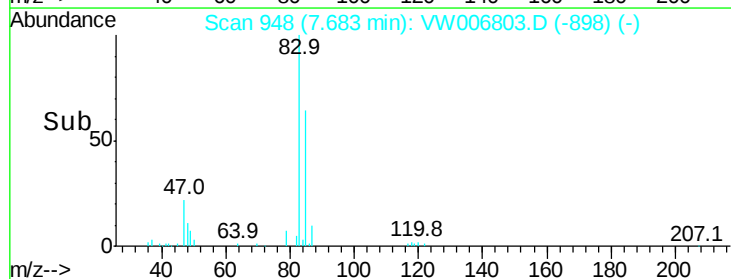
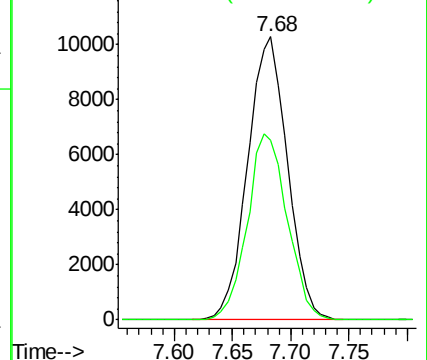
83 100

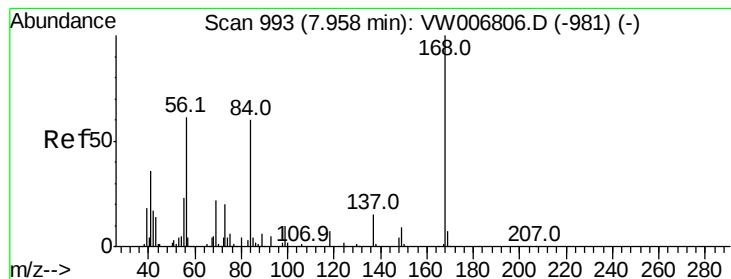
85 63.5 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW





#31

Cyclohexane

Concen: 5.892 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW006803.D

Acq: 12 Nov 2018 12:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

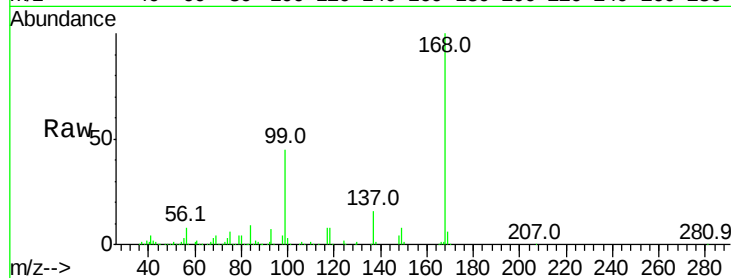
Tgt Ion: 56 Resp: 25625

Ion Ratio Lower Upper

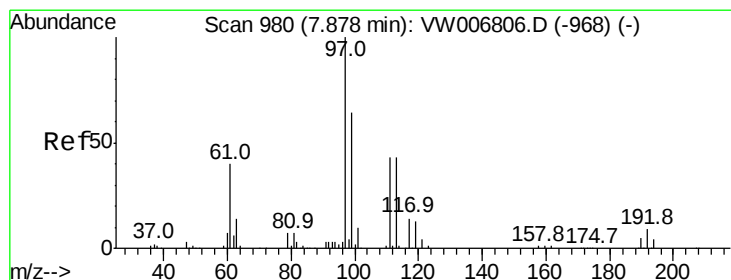
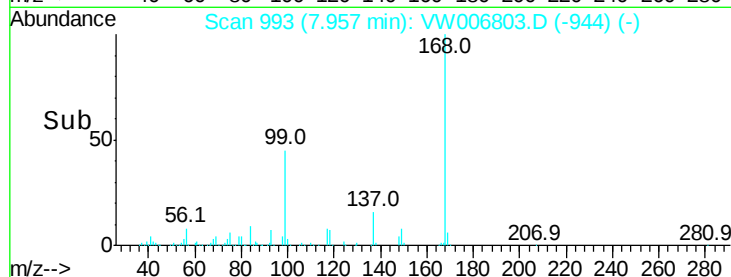
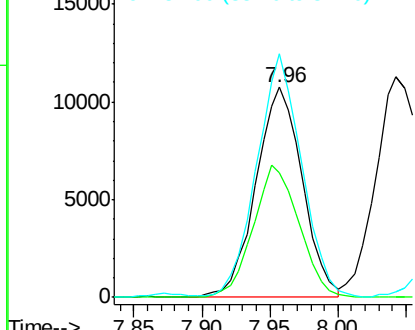
56 100

69 59.4 28.9 43.3#

84 115.1 79.0 118.4



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



#32

1,1,1-Trichloroethane

Concen: 5.373 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW006803.D

Acq: 12 Nov 2018 12:25

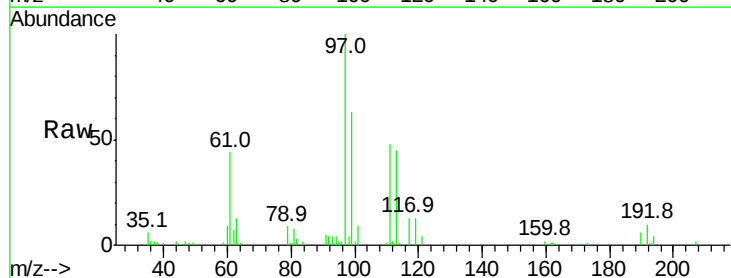
Tgt Ion: 97 Resp: 23859

Ion Ratio Lower Upper

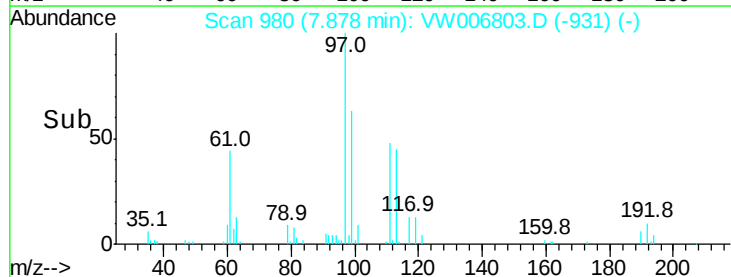
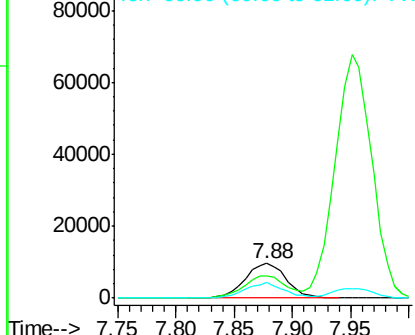
97 100

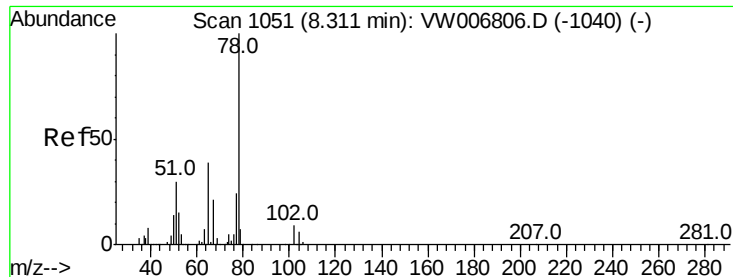
99 66.1 51.6 77.4

61 41.4 32.2 48.4



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





#33

1,2-Dichloroethane-d4

Concen: 5.697 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW006803.D

Acq: 12 Nov 2018 12:25

Instrument :

MSVOA_W

ClientSampleId :

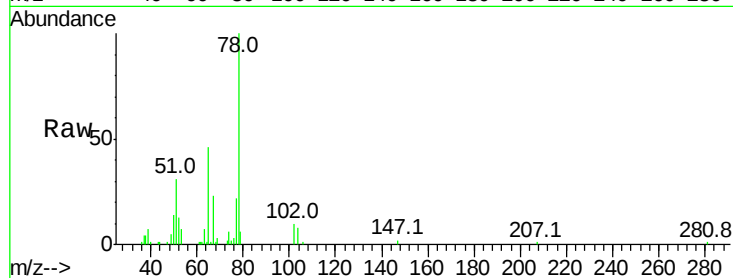
VSTDIC005

Tgt Ion: 65 Resp: 13281

Ion Ratio Lower Upper

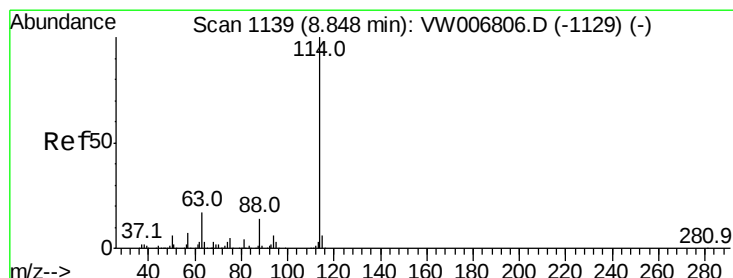
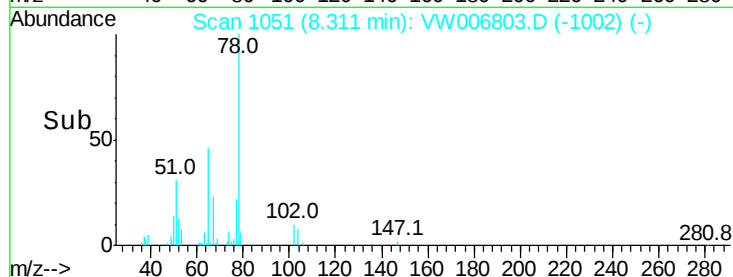
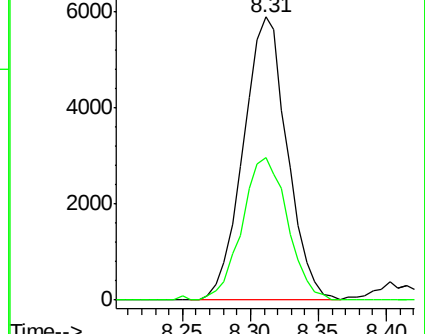
65 100

67 52.1 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VW006803.D

Acq: 12 Nov 2018 12:25

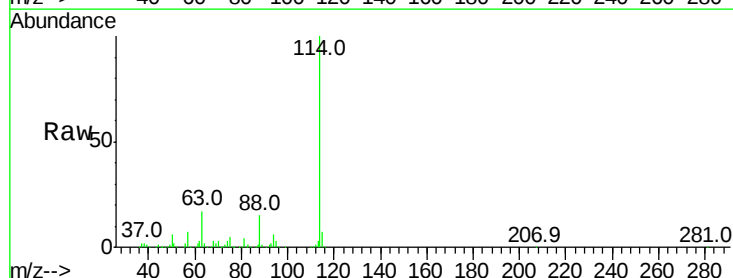
Tgt Ion: 114 Resp: 412294

Ion Ratio Lower Upper

114 100

63 17.4 0.0 33.6

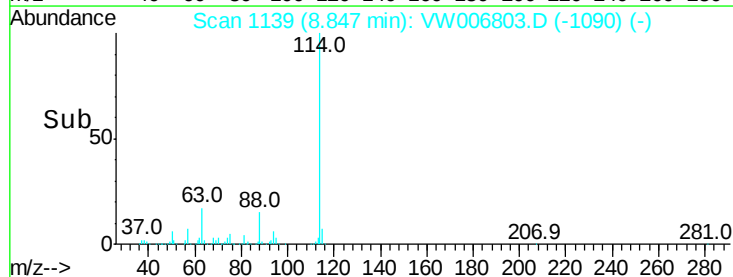
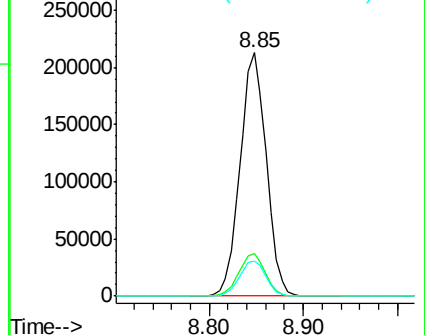
88 14.5 0.0 28.4

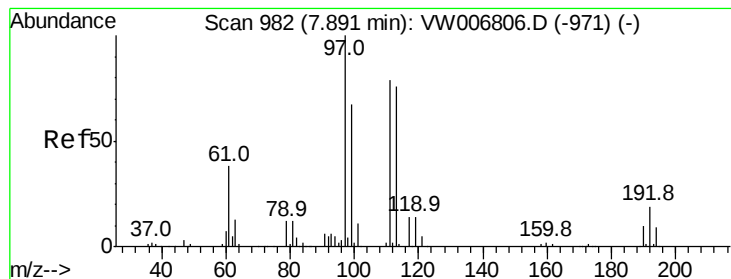


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 5.894 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006803.D

Acq: 12 Nov 2018 12:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

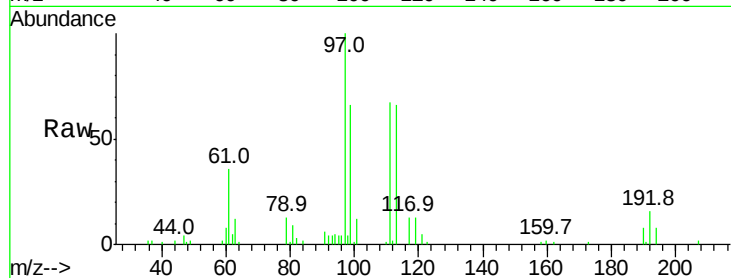
Tgt Ion:113 Resp: 13831

Ion Ratio Lower Upper

113 100

111 101.4 81.0 121.6

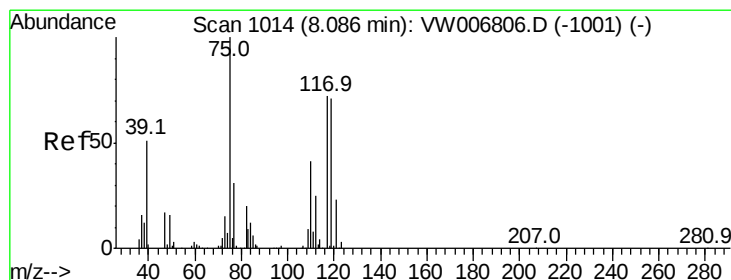
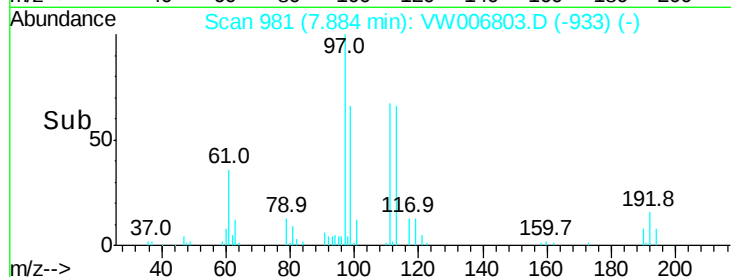
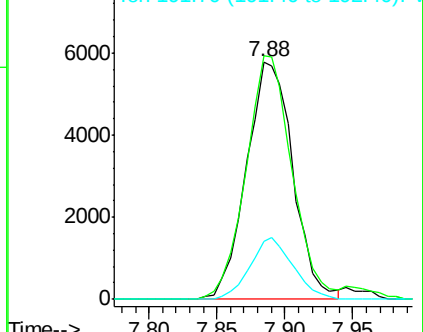
192 24.2 19.0 28.6



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: 5.320 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. -0.00 min

Lab File: VW006803.D

Acq: 12 Nov 2018 12:25

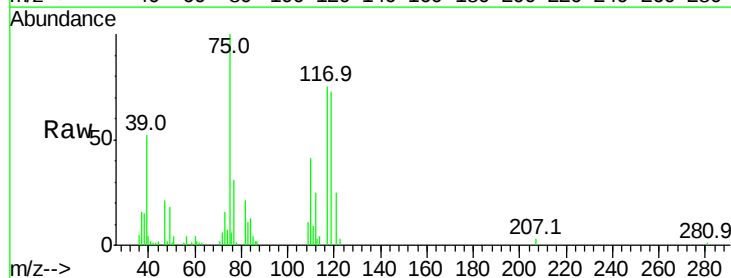
Tgt Ion: 75 Resp: 19905

Ion Ratio Lower Upper

75 100

110 40.4 19.9 59.6

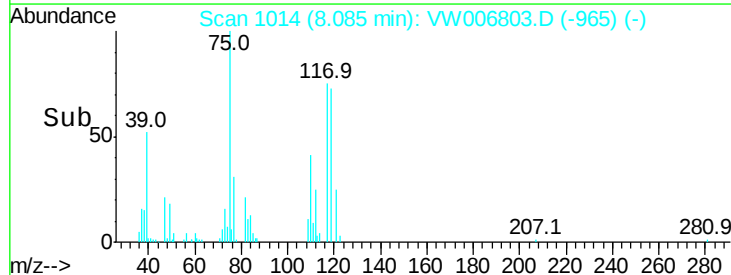
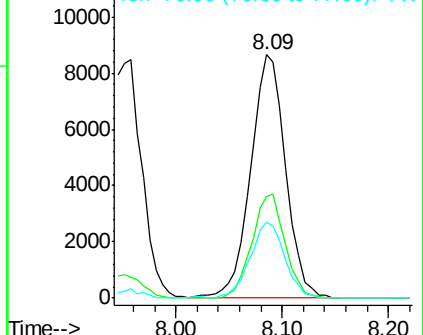
77 30.8 25.4 38.2

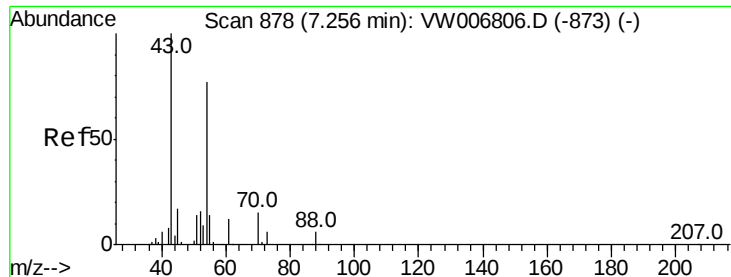


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

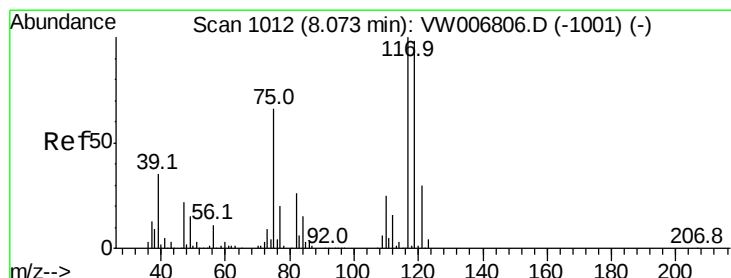
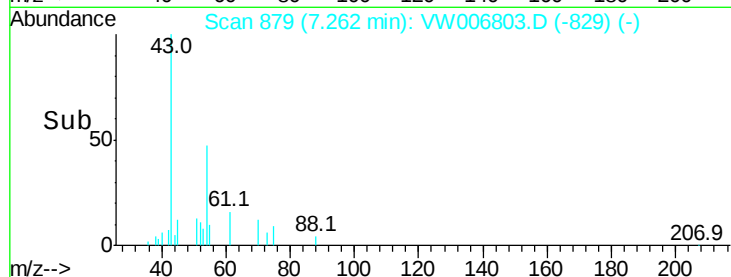
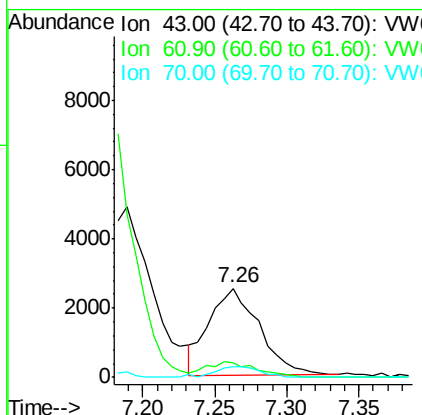
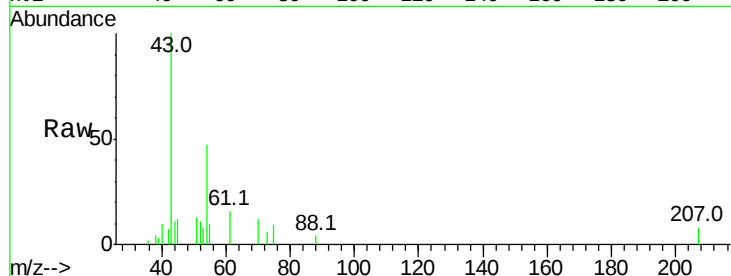




#37
 Ethyl Acetate
 Concen: 4.639 ug/l
 RT: 7.26 min Scan# 879
 Delta R.T. 0.01 min
 Lab File: VW006803.D
 Acq: 12 Nov 2018 12:25

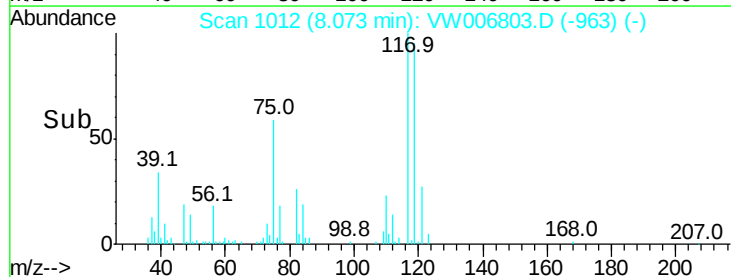
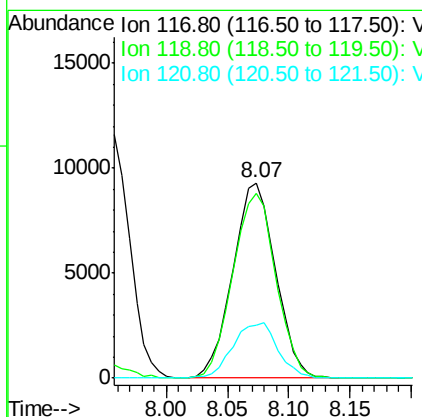
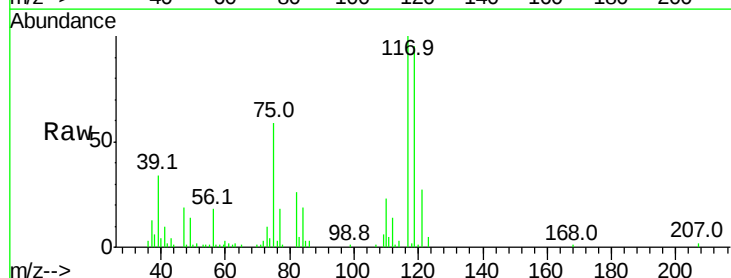
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

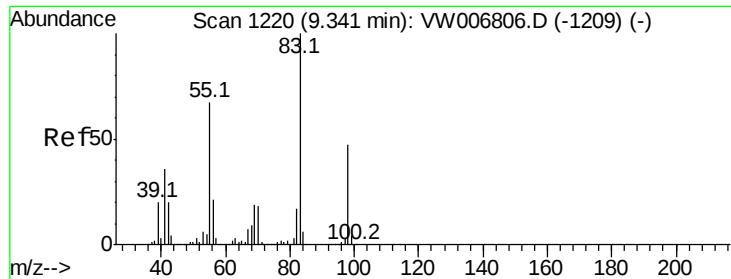
Tgt Ion: 43 Resp: 6164
 Ion Ratio Lower Upper
 43 100
 61 17.9 11.7 17.5#
 70 11.0 10.0 15.0



#38
 Carbon Tetrachloride
 Concen: 5.661 ug/l
 RT: 8.07 min Scan# 1012
 Delta R.T. -0.00 min
 Lab File: VW006803.D
 Acq: 12 Nov 2018 12:25

Tgt Ion: 117 Resp: 22628
 Ion Ratio Lower Upper
 117 100
 119 94.7 78.5 117.7
 121 26.8 24.2 36.2

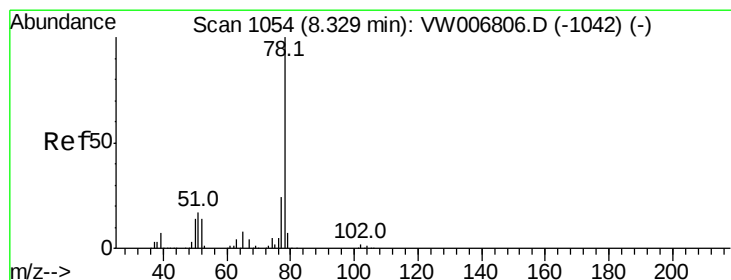
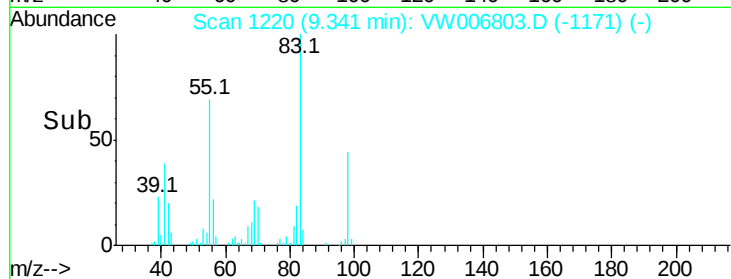
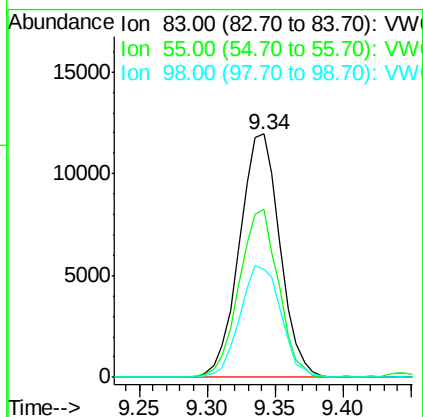
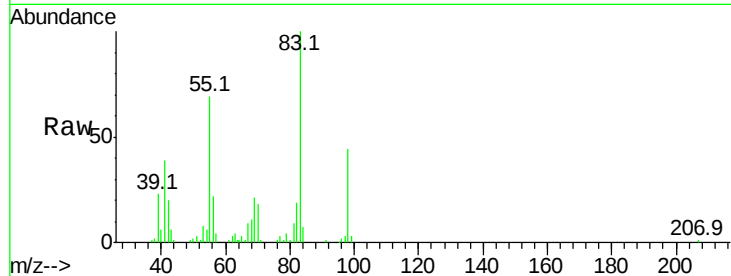




#39
Methylcyclohexane
Concen: 5.229 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW006803.D
Acq: 12 Nov 2018 12:25

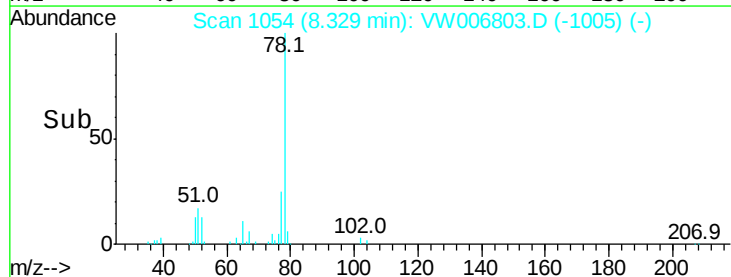
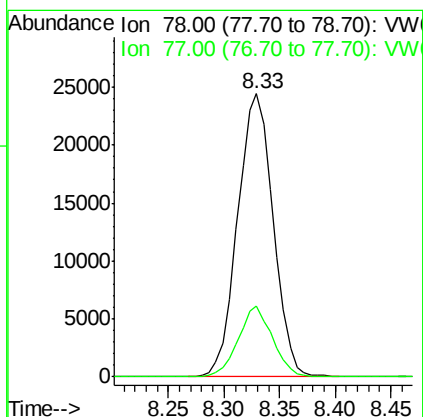
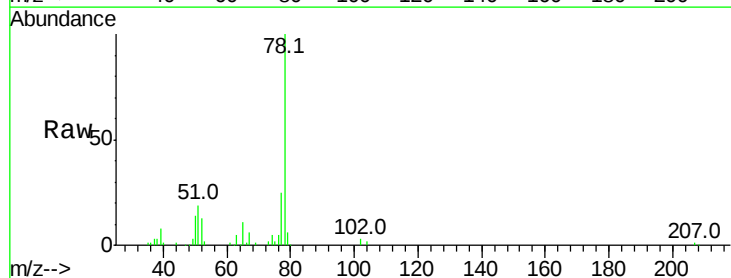
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

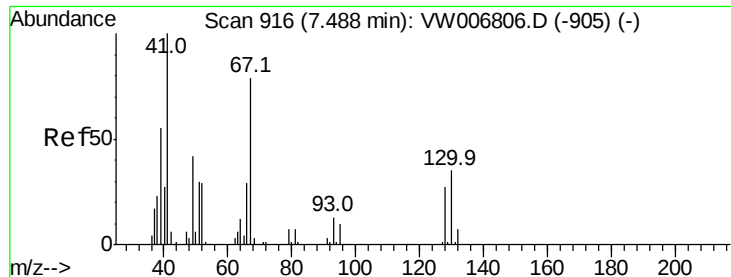
Tgt Ion: 83 Resp: 24909
Ion Ratio Lower Upper
83 100
55 68.8 53.3 79.9
98 44.2 37.9 56.9



#40
Benzene
Concen: 5.131 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW006803.D
Acq: 12 Nov 2018 12:25

Tgt Ion: 78 Resp: 54201
Ion Ratio Lower Upper
78 100
77 24.9 19.0 28.6





#41

Methacrylonitrile

Concen: 4.875 ug/l

RT: 7.49 min Scan# 917

Delta R.T. 0.01 min

Lab File: VW006803.D

Acq: 12 Nov 2018 12:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

Tgt Ion: 41 Resp: 3758

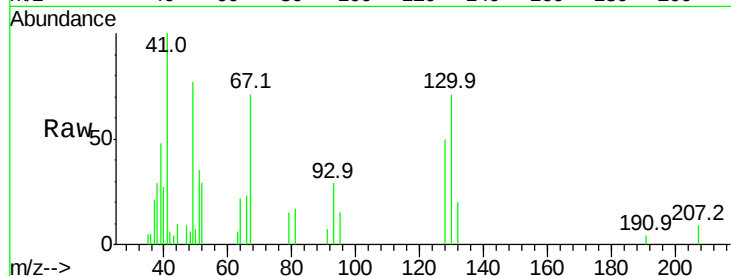
Ion Ratio Lower Upper

41 100

39 63.7 48.1 72.1

67 78.1 61.4 92.2

52 32.2 23.2 34.8



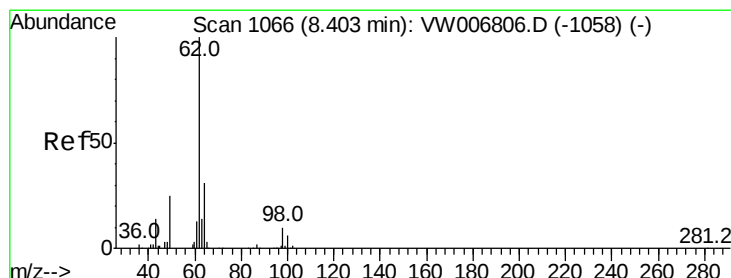
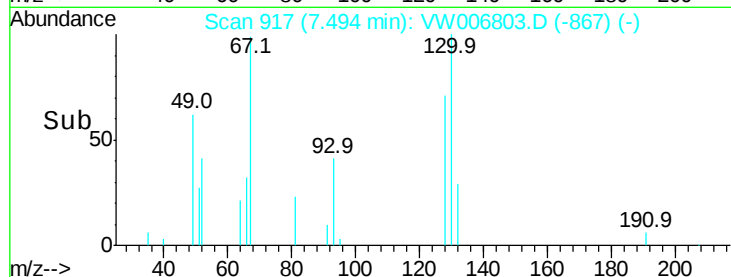
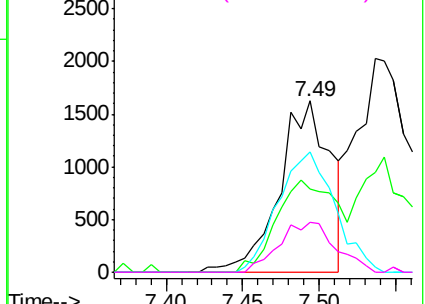
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 5.202 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. -0.00 min

Lab File: VW006803.D

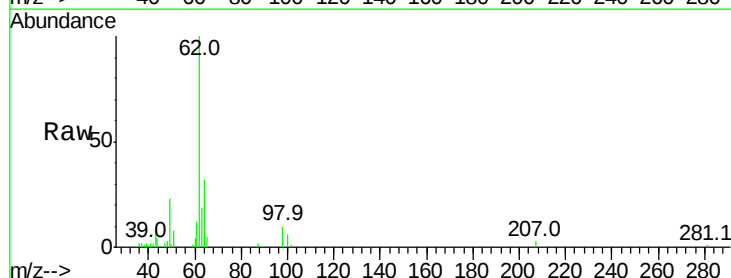
Acq: 12 Nov 2018 12:25

Tgt Ion: 62 Resp: 14960

Ion Ratio Lower Upper

62 100

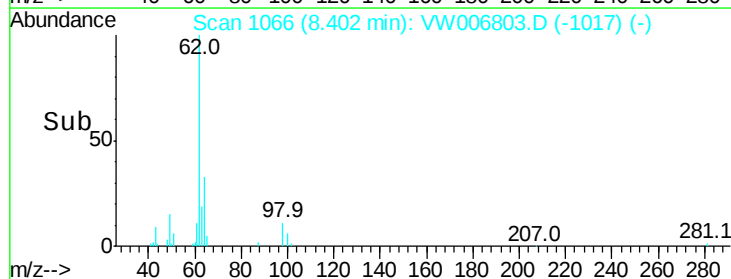
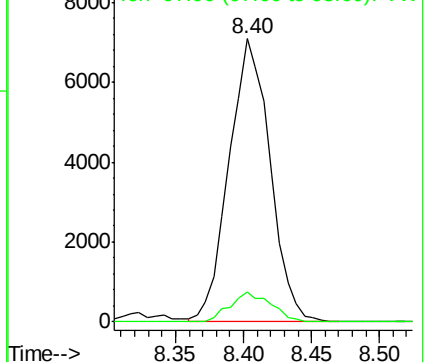
98 10.5 0.0 20.0

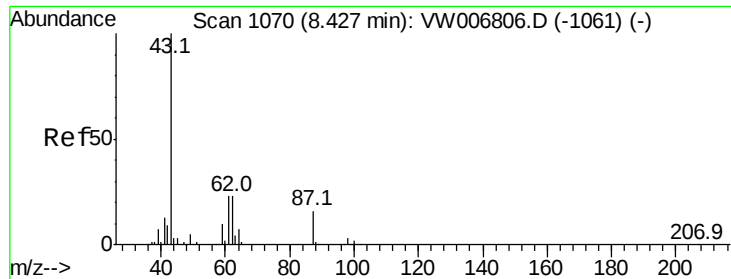


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW

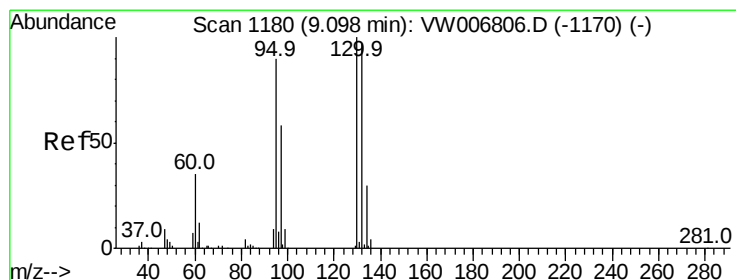
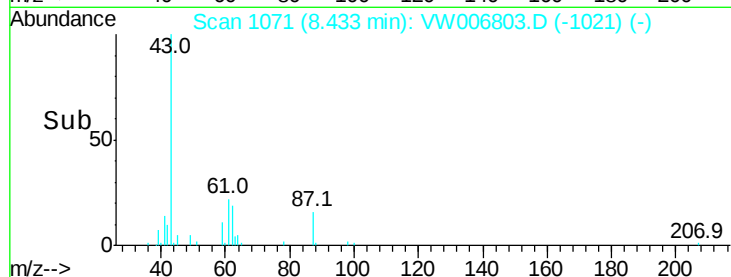
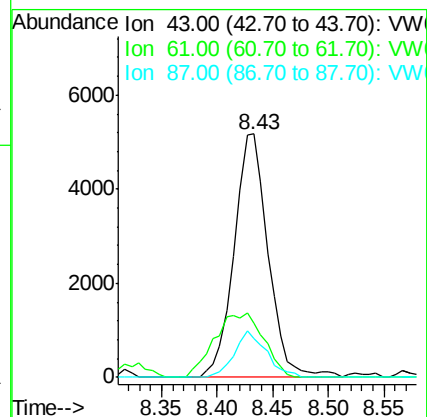
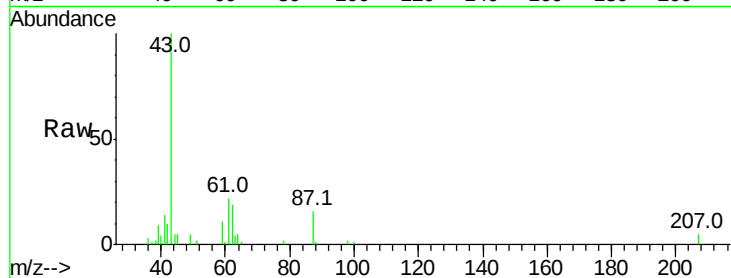




#43
Isopropyl Acetate
Concen: 4.411 ug/l
RT: 8.43 min Scan# 1071
Delta R.T. 0.01 min
Lab File: VW006803.D
Acq: 12 Nov 2018 12:25

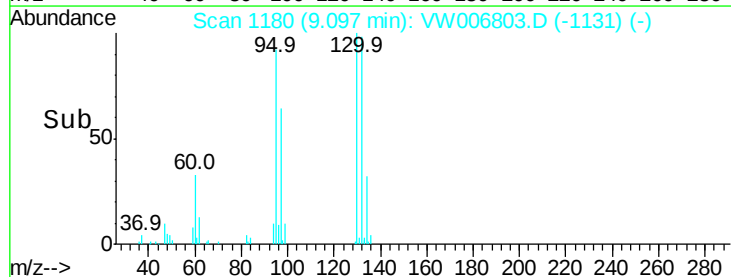
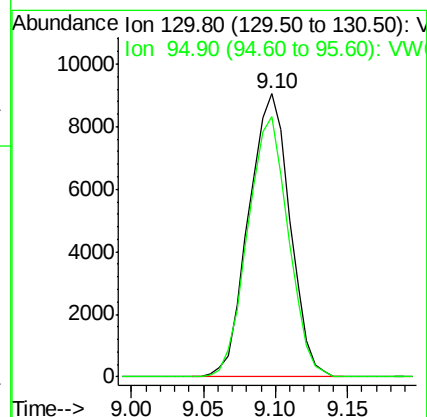
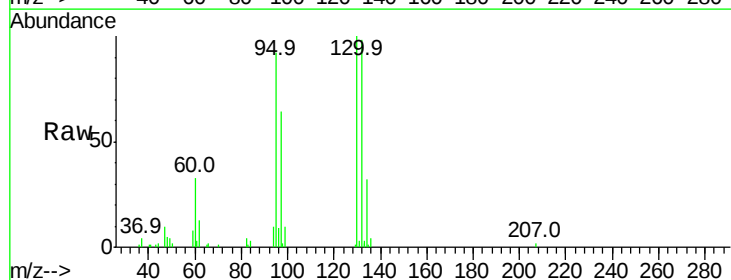
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

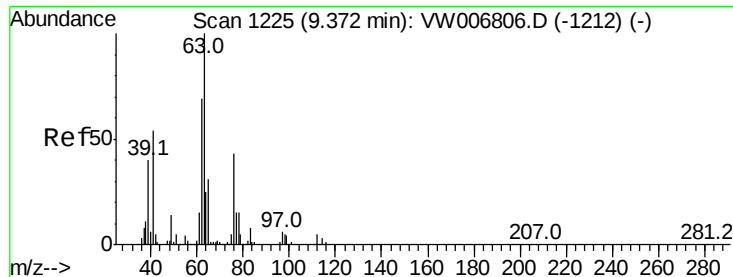
Tgt Ion: 43 Resp: 10986
Ion Ratio Lower Upper
43 100
61 37.9 27.0 40.4
87 17.8 13.0 19.4



#44
Trichloroethene
Concen: 5.526 ug/l
RT: 9.10 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VW006803.D
Acq: 12 Nov 2018 12:25

Tgt Ion: 130 Resp: 17948
Ion Ratio Lower Upper
130 100
95 91.8 0.0 180.2





#45

1,2-Dichloropropane

Concen: 5.137 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. -0.00 min

Lab File: VW006803.D

Acq: 12 Nov 2018 12:25

Instrument :

MSVOA_W

ClientSampleId :

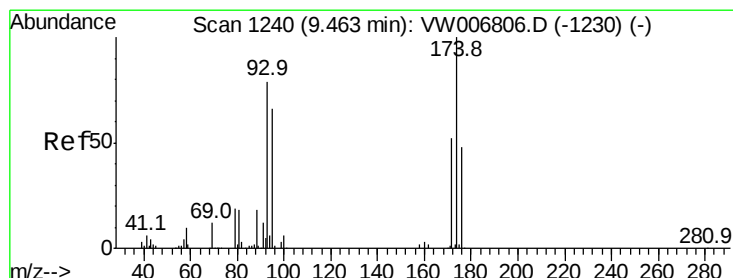
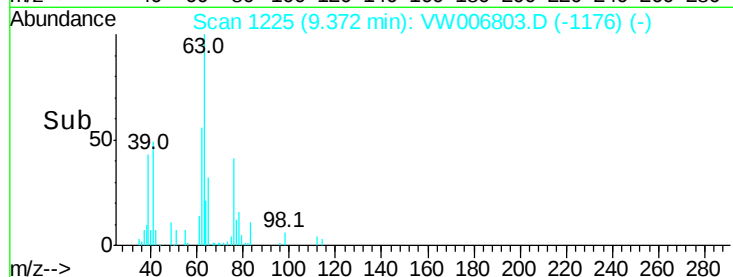
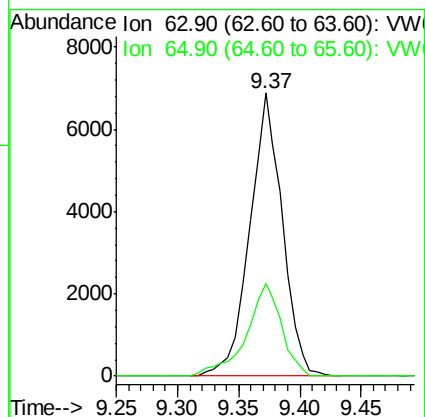
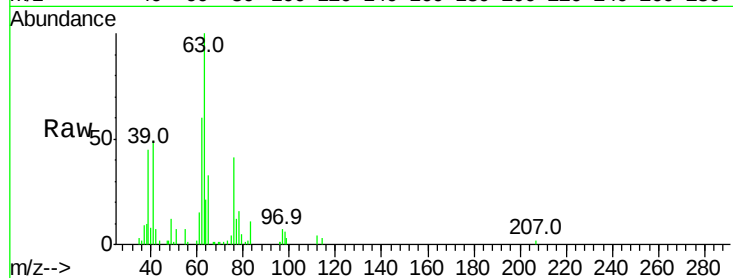
VSTDIC005

Tgt Ion: 63 Resp: 12746

Ion Ratio Lower Upper

63 100

65 32.9 24.4 36.6



#46

Dibromomethane

Concen: 5.138 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VW006803.D

Acq: 12 Nov 2018 12:25

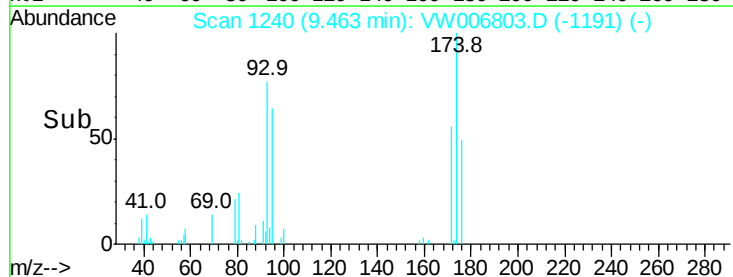
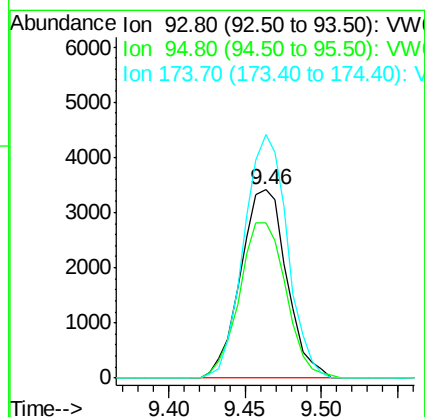
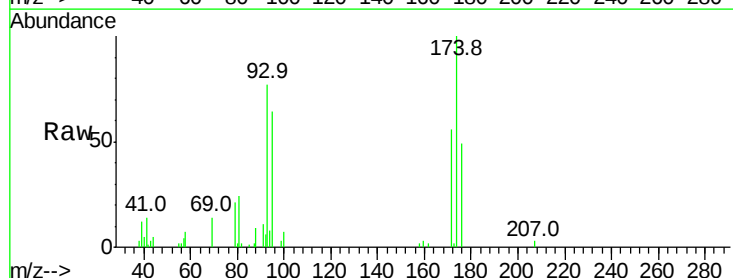
Tgt Ion: 93 Resp: 7157

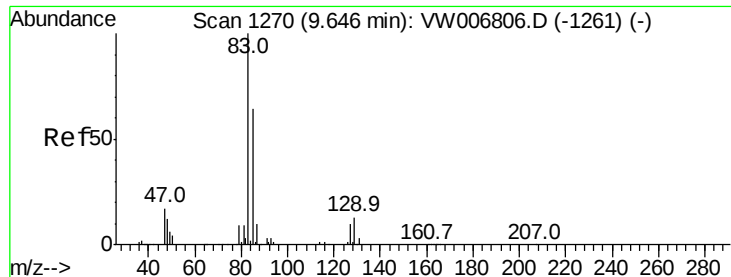
Ion Ratio Lower Upper

93 100

95 83.1 67.0 100.6

174 121.2 98.6 147.8





#47

Bromodichloromethane

Concen: 5.212 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW006803.D

Acq: 12 Nov 2018 12:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

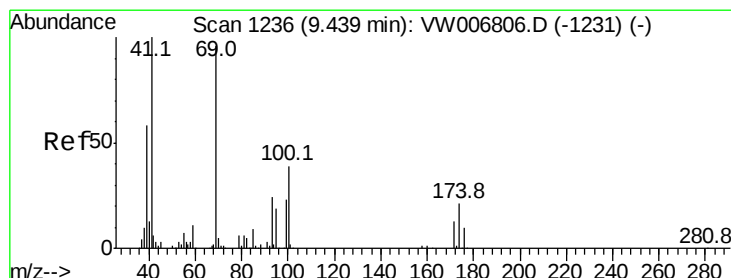
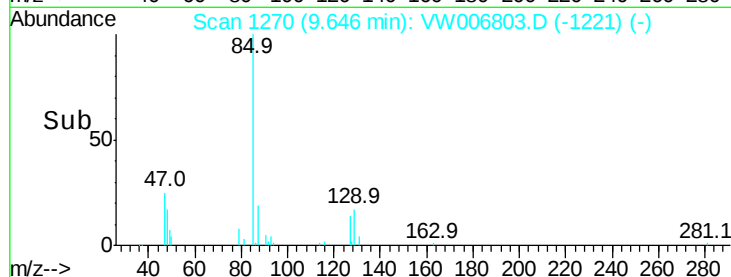
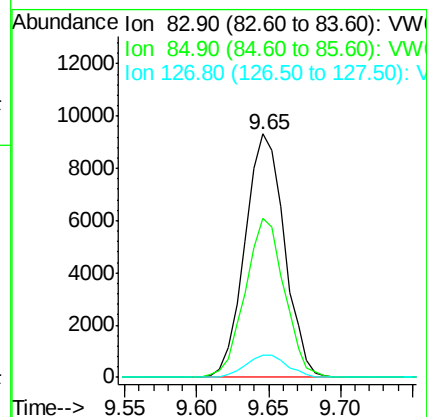
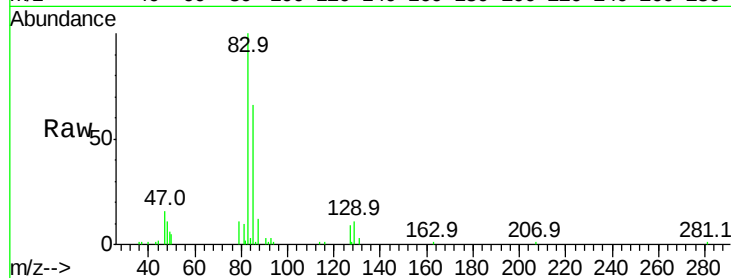
Tgt Ion: 83 Resp: 17619

Ion Ratio Lower Upper

83 100

85 65.5 51.4 77.0

127 9.2 7.6 11.4



#48

Methyl methacrylate

Concen: 4.957 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW006803.D

Acq: 12 Nov 2018 12:25

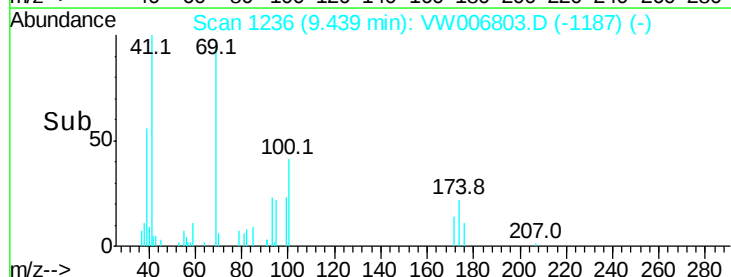
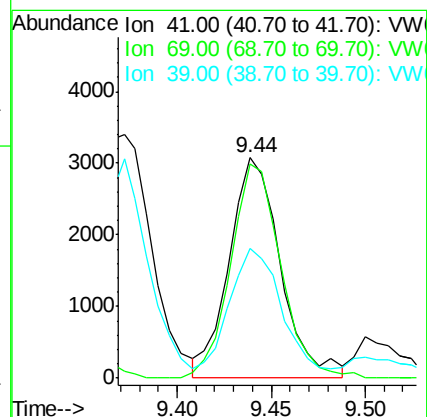
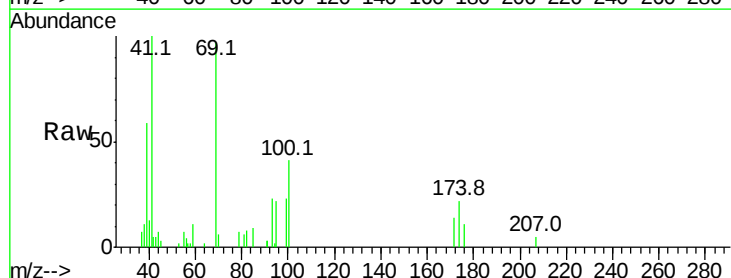
Tgt Ion: 41 Resp: 5815

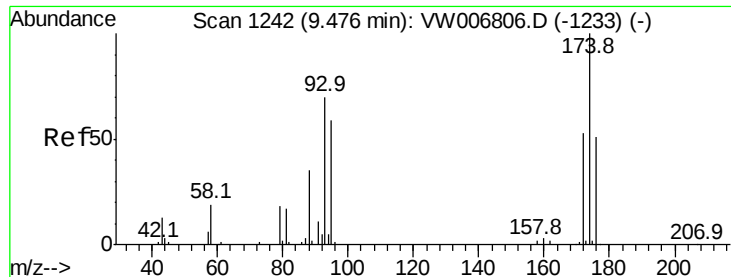
Ion Ratio Lower Upper

41 100

69 95.0 79.8 119.6

39 54.2 45.9 68.9

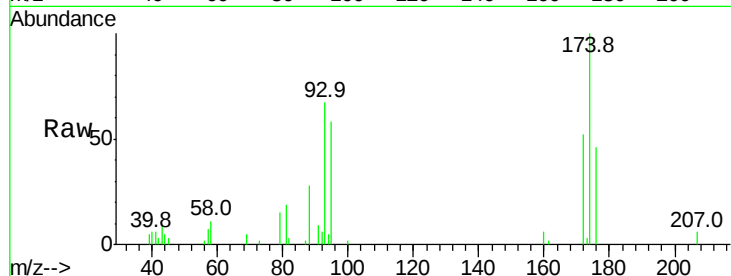




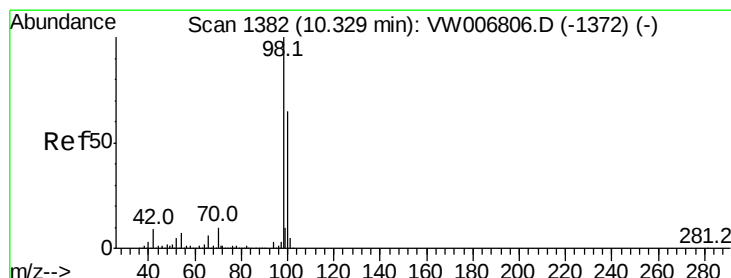
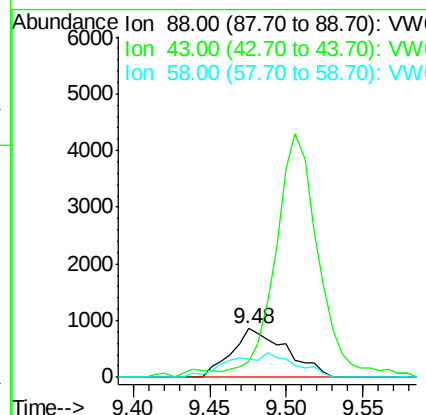
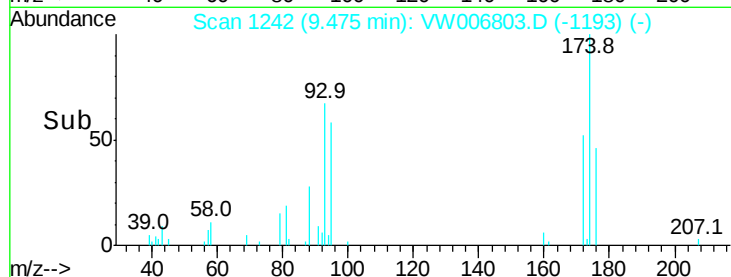
#49
1,4-Dioxane
Concen: 101.799 ug/l
RT: 9.48 min Scan# 1242
Delta R.T. -0.00 min
Lab File: VW006803.D
Acq: 12 Nov 2018 12:25

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion: 88 Resp: 2123
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 60.6 50.6 75.8

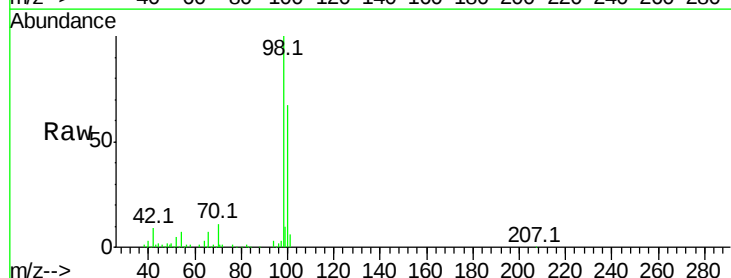


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

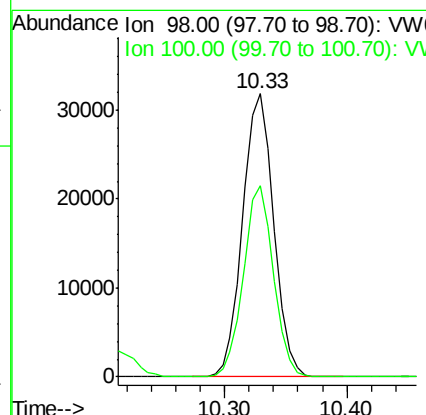
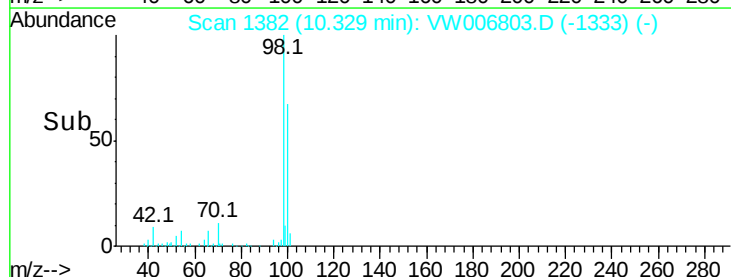


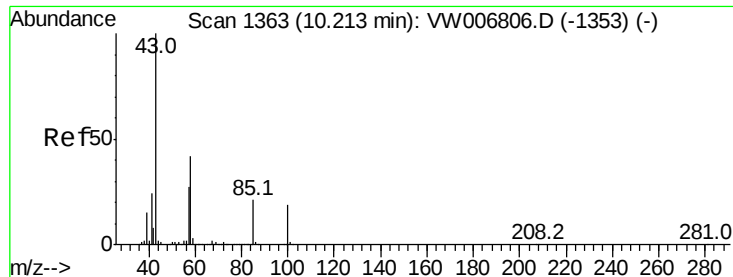
#50
Toluene-d8
Concen: 5.677 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006803.D
Acq: 12 Nov 2018 12:25

Tgt Ion: 98 Resp: 56069
Ion Ratio Lower Upper
98 100
100 65.0 51.4 77.2



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

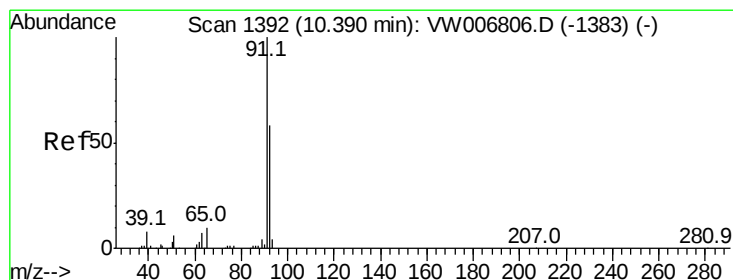
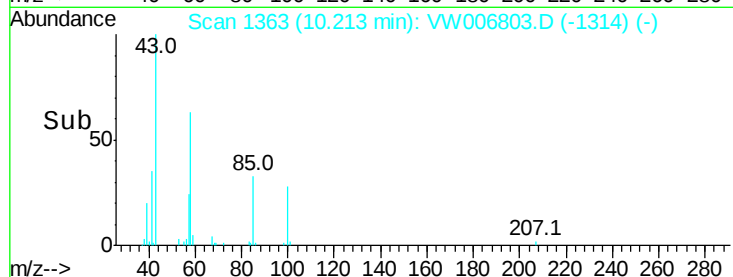
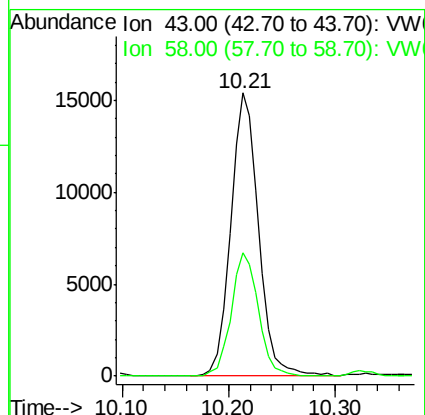
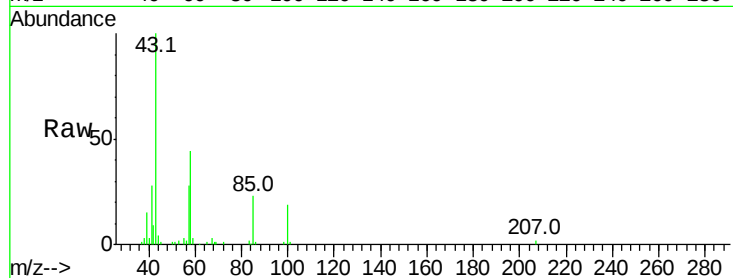




#51
 4-Methyl-2-Pentanone
 Concen: 21.918 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW006803.D
 Acq: 12 Nov 2018 12:25

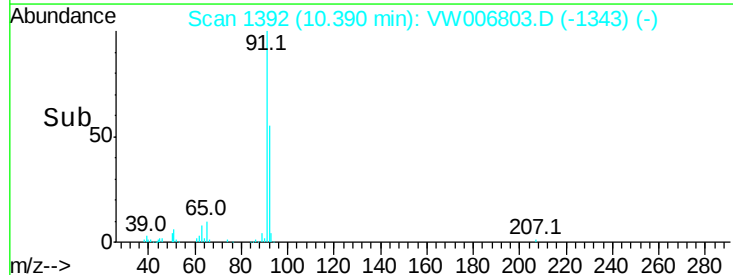
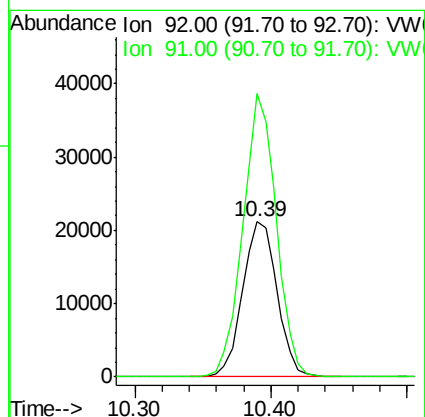
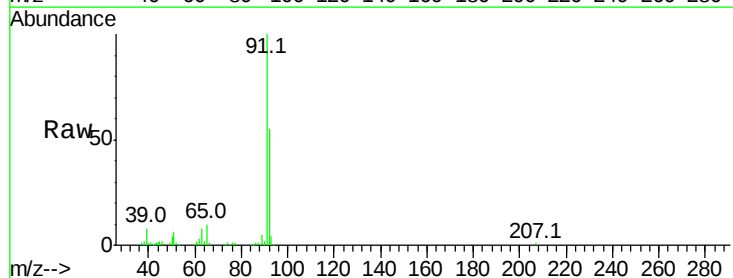
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

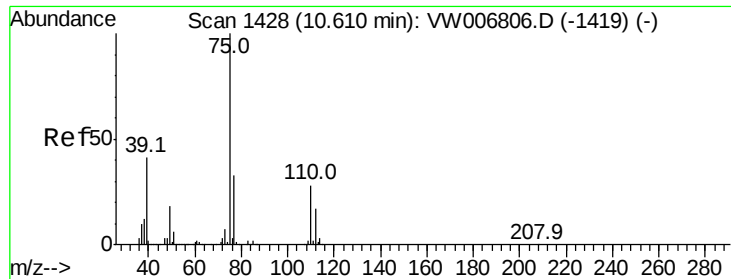
Tgt Ion: 43 Resp: 28047
 Ion Ratio Lower Upper
 43 100
 58 42.6 34.0 51.0



#52
 Toluene
 Concen: 5.046 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW006803.D
 Acq: 12 Nov 2018 12:25

Tgt Ion: 92 Resp: 37478
 Ion Ratio Lower Upper
 92 100
 91 176.5 139.4 209.2





#53

t-1,3-Dichloropropene

Concen: 4.745 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW006803.D

Acq: 12 Nov 2018 12:25

Instrument :

MSVOA_W

ClientSampled :

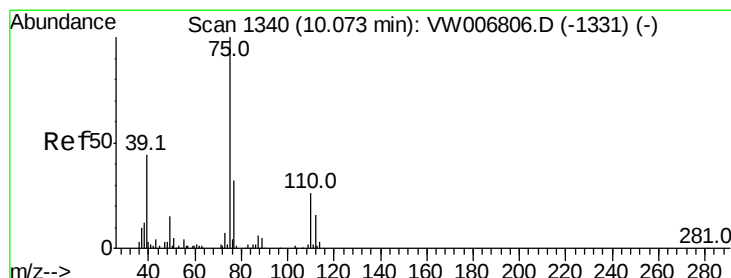
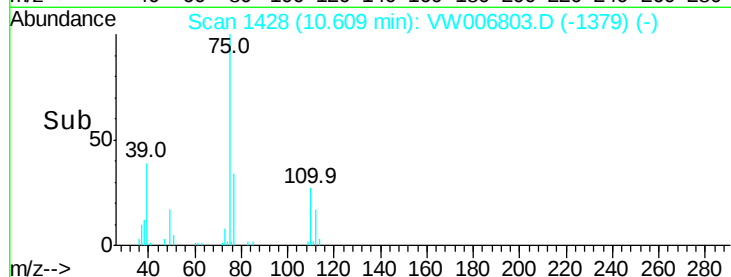
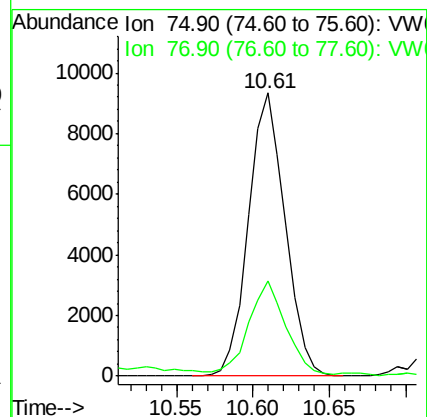
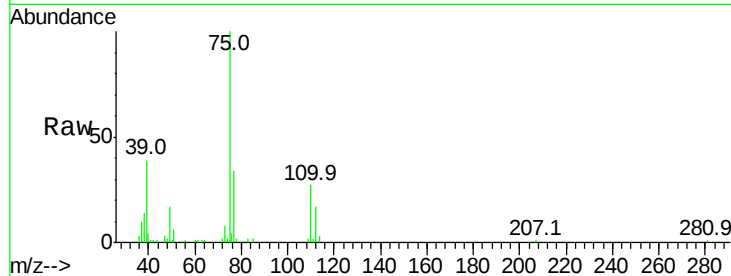
VSTDIC005

Tgt Ion: 75 Resp: 15554

Ion Ratio Lower Upper

75 100

77 32.7 26.3 39.5



#54

cis-1,3-Dichloropropene

Concen: 4.901 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. 0.01 min

Lab File: VW006803.D

Acq: 12 Nov 2018 12:25

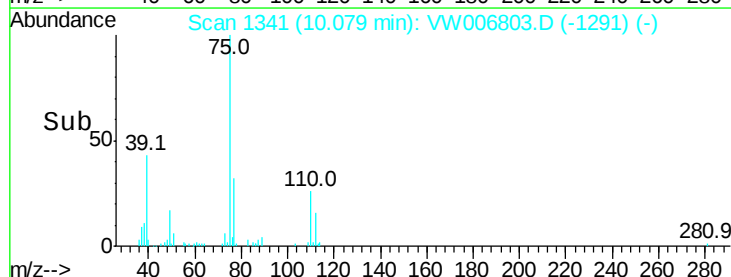
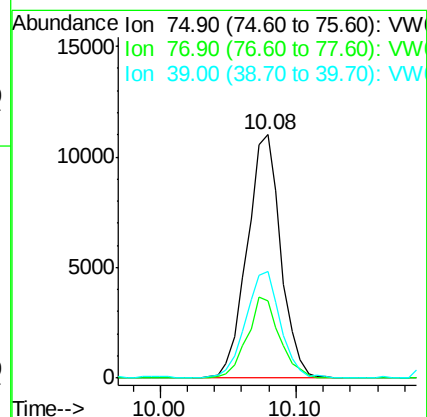
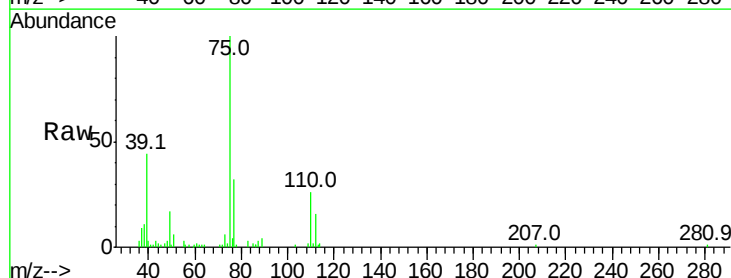
Tgt Ion: 75 Resp: 19046

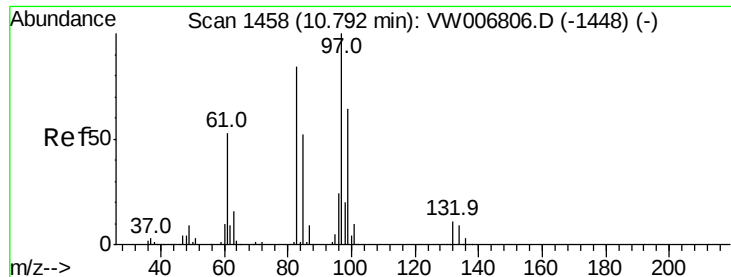
Ion Ratio Lower Upper

75 100

77 31.5 25.2 37.8

39 43.9 35.3 52.9

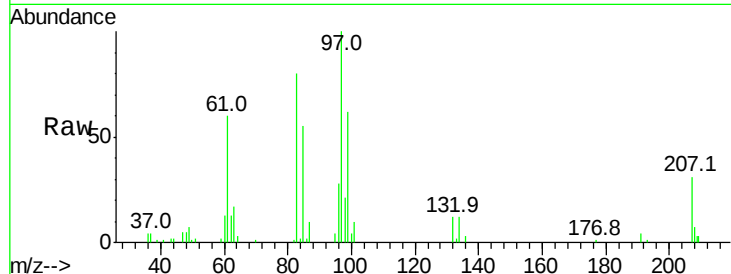




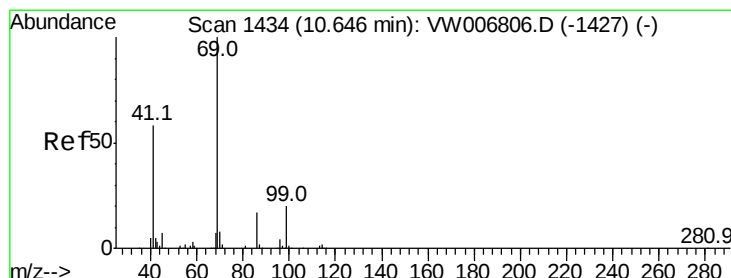
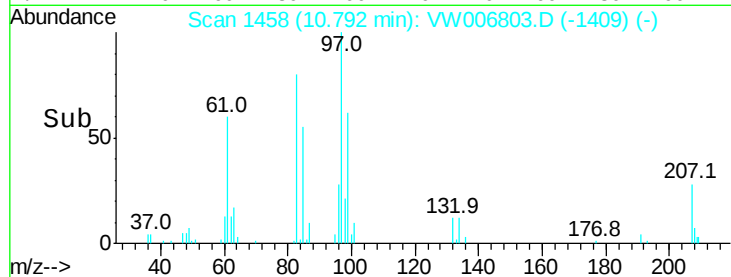
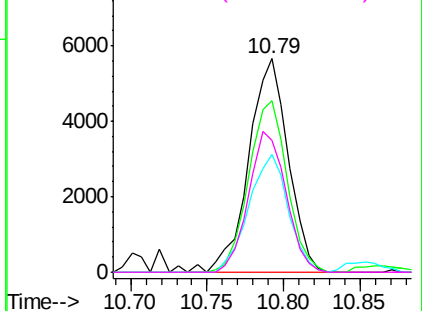
#55
 1,1,2-Trichloroethane
 Concen: 4.948 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW006803.D
 Acq: 12 Nov 2018 12:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tgt Ion: 97 Resp: 10154
 Ion Ratio Lower Upper
 97 100
 83 80.2 67.0 100.4
 85 55.2 41.7 62.5
 99 61.8 50.8 76.2

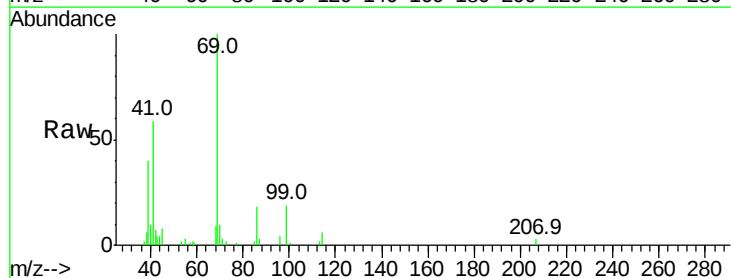


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

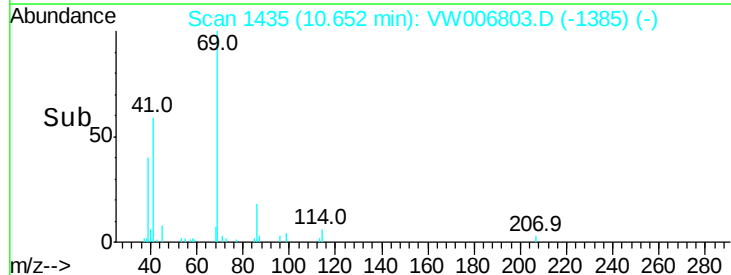
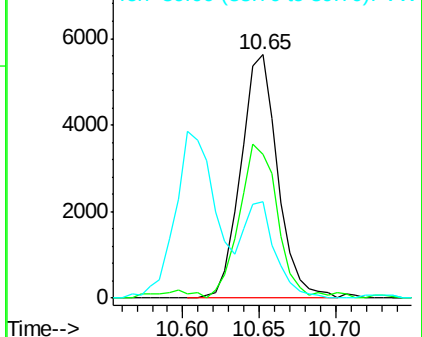


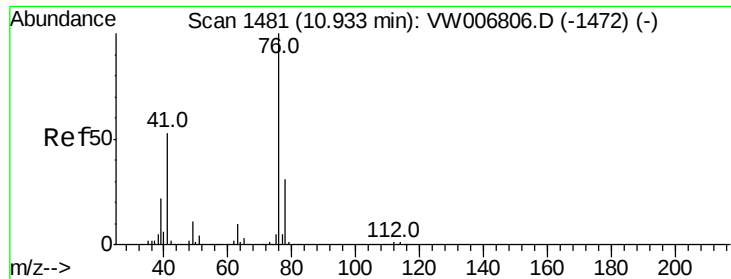
#56
 Ethyl methacrylate
 Concen: 4.136 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.01 min
 Lab File: VW006803.D
 Acq: 12 Nov 2018 12:25

Tgt Ion: 69 Resp: 9372
 Ion Ratio Lower Upper
 69 100
 41 66.5 47.0 70.4
 39 33.9 23.1 34.7



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





#57

1,3-Dichloropropane

Concen: 4.839 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

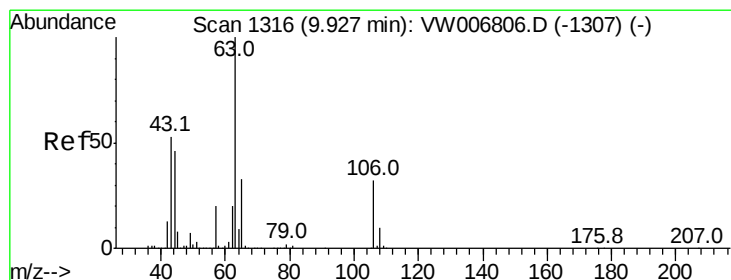
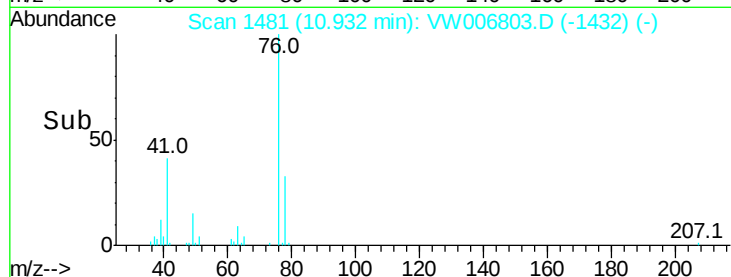
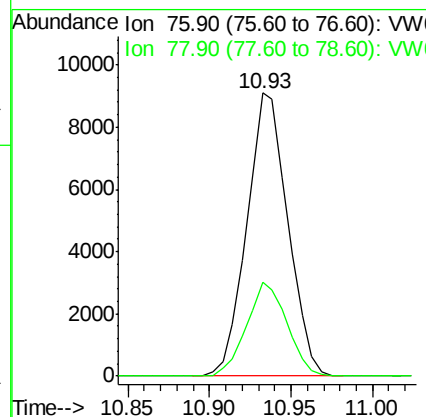
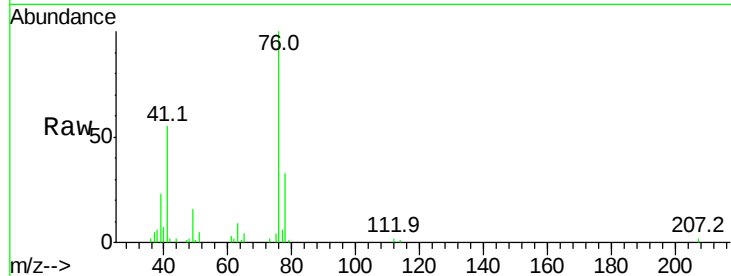
Lab File: VW006803.D

Acq: 12 Nov 2018 12:25

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion: 76 Resp: 15874

Ion	Ratio	Lower	Upper
76	100		
78	32.7	26.2	39.2



#58

2-Chloroethyl Vinyl ether

Concen: 23.199 ug/l

RT: 9.93 min Scan# 1316

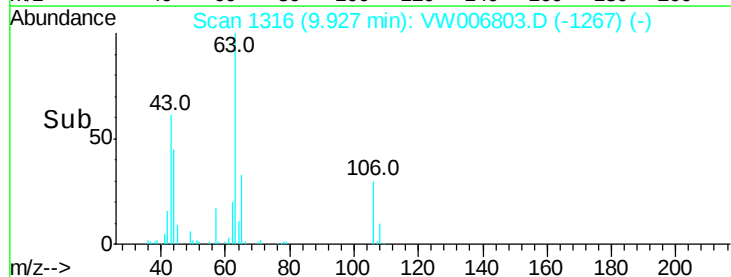
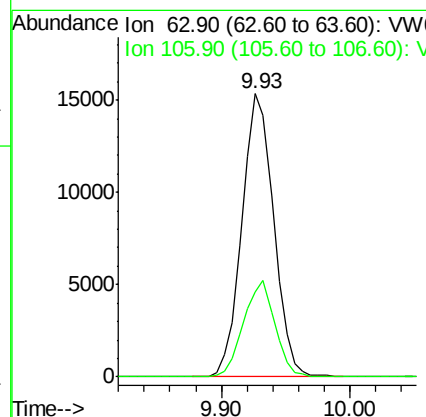
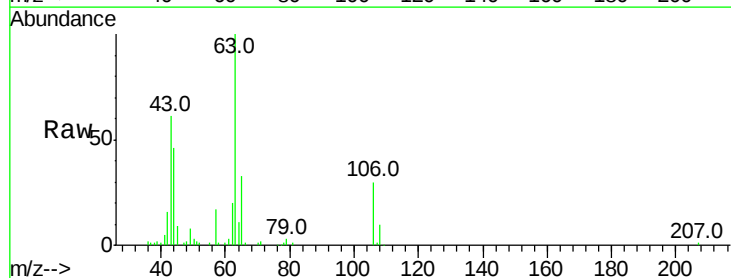
Delta R.T. -0.00 min

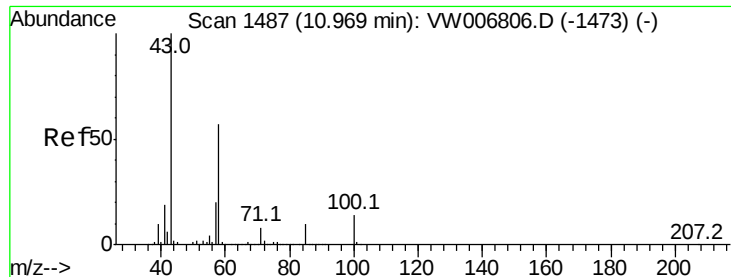
Lab File: VW006803.D

Acq: 12 Nov 2018 12:25

Tgt Ion: 63 Resp: 26181

Ion	Ratio	Lower	Upper
63	100		
106	33.5	25.4	38.0





#59

2-Hexanone

Concen: 20.700 ug/l

RT: 10.98 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VW006803.D

Acq: 12 Nov 2018 12:25

Instrument :

MSVOA_W

ClientSampleId :

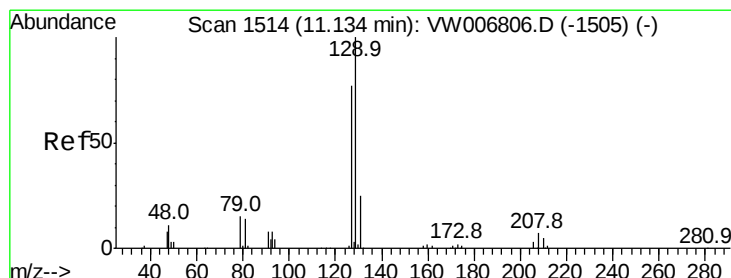
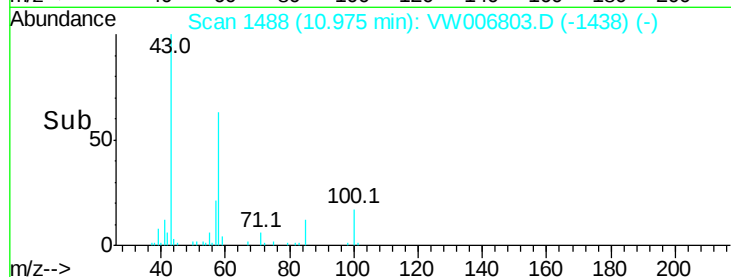
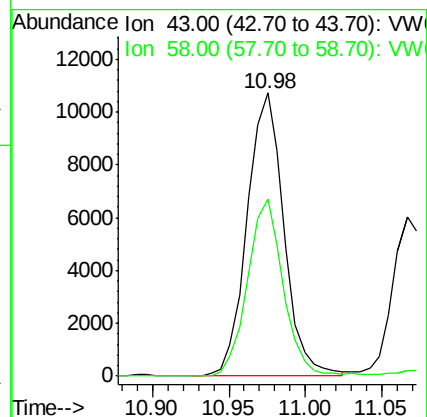
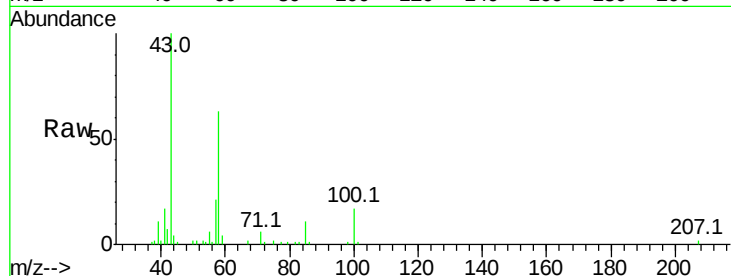
VSTDIC005

Tgt Ion: 43 Resp: 17952

Ion Ratio Lower Upper

43 100

58 60.7 28.7 86.1



#60

Dibromochloromethane

Concen: 4.692 ug/l

RT: 11.13 min Scan# 1514

Delta R.T. -0.00 min

Lab File: VW006803.D

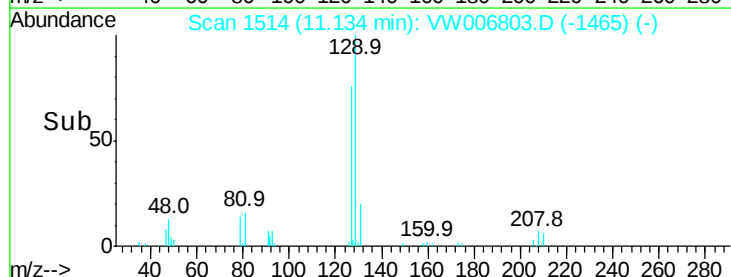
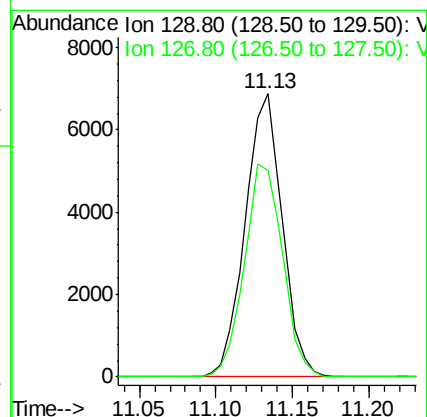
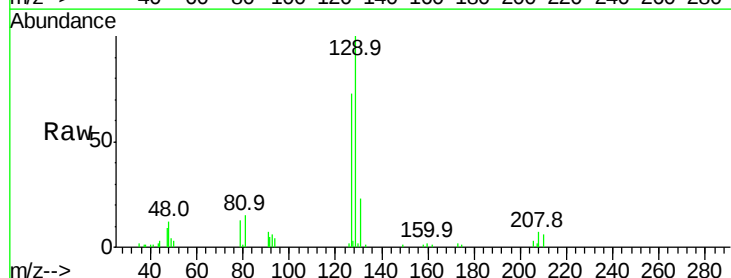
Acq: 12 Nov 2018 12:25

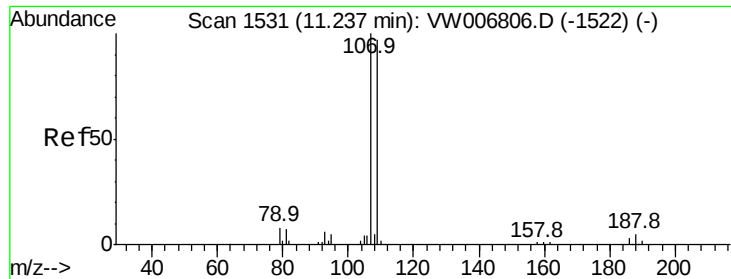
Tgt Ion: 129 Resp: 11575

Ion Ratio Lower Upper

129 100

127 77.8 38.7 116.1

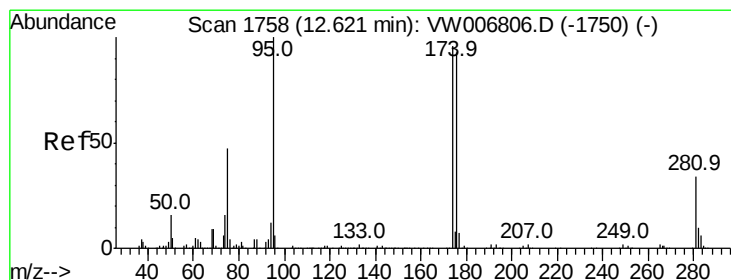
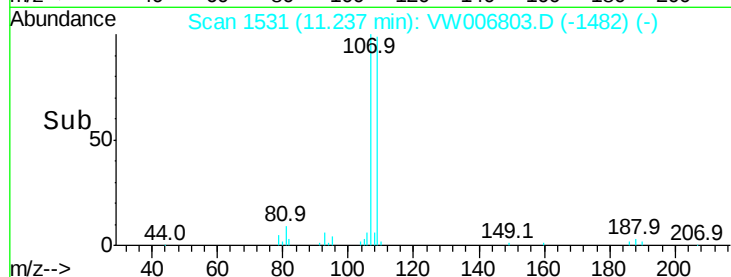
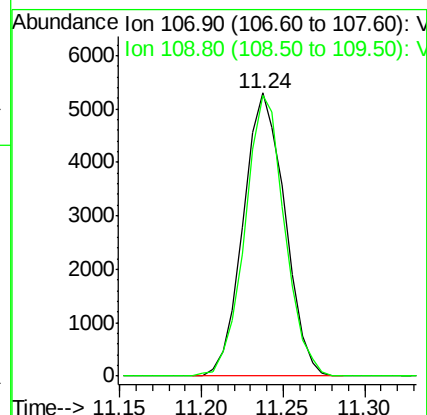
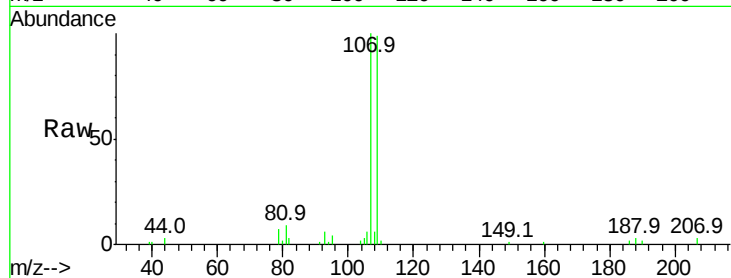




#61
 1,2-Dibromoethane
 Concen: 4.757 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW006803.D
 Acq: 12 Nov 2018 12:25

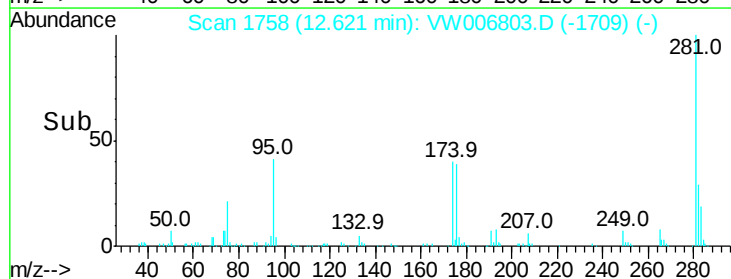
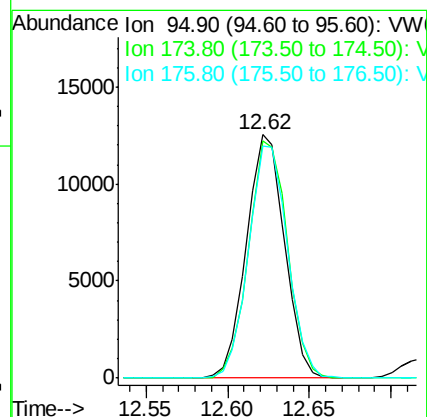
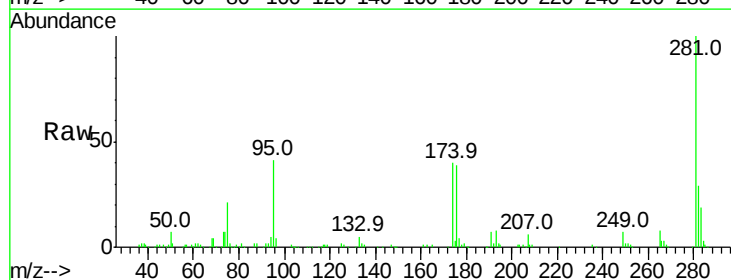
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

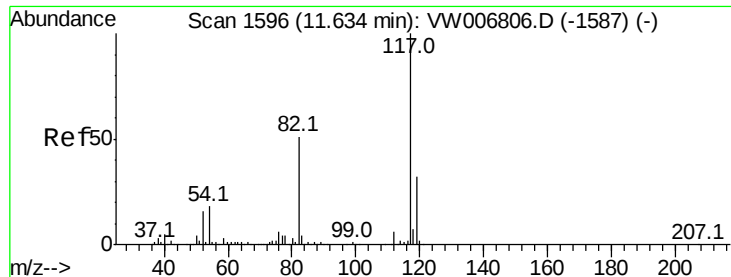
Tgt Ion: 107 Resp: 9392
 Ion Ratio Lower Upper
 107 100
 109 94.6 76.7 115.1



#62
 4-Bromofluorobenzene
 Concen: 5.668 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW006803.D
 Acq: 12 Nov 2018 12:25

Tgt Ion: 95 Resp: 20386
 Ion Ratio Lower Upper
 95 100
 174 99.2 0.0 196.6
 176 97.9 0.0 191.6

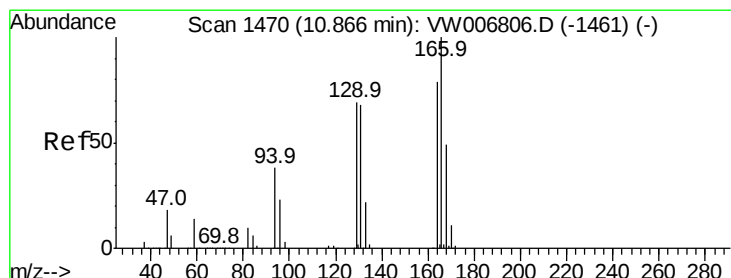
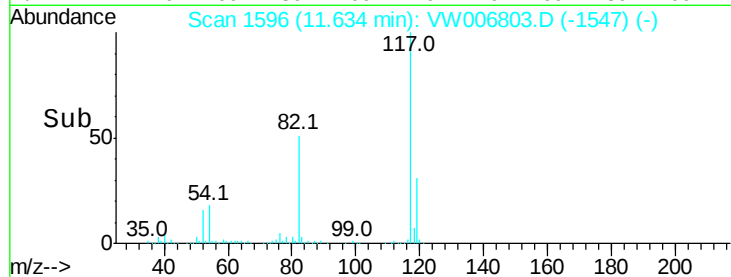
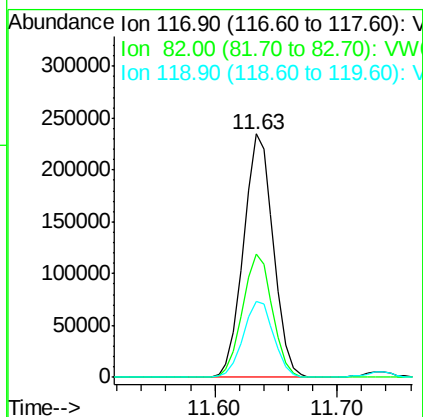
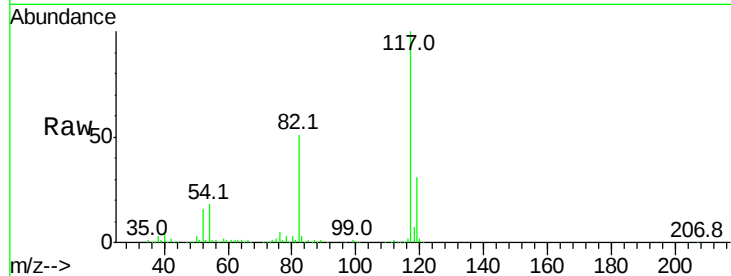




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006803.D
Acq: 12 Nov 2018 12:25

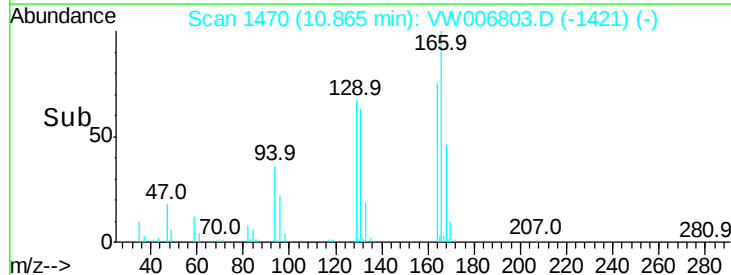
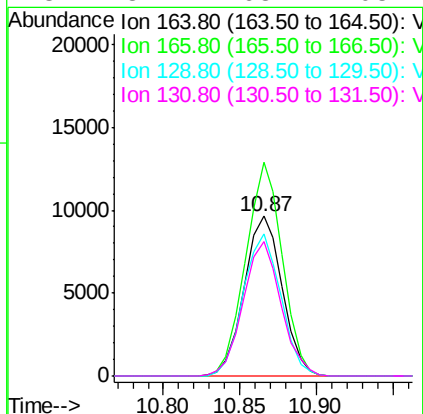
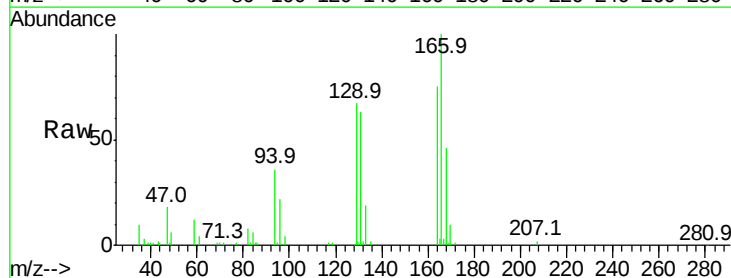
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

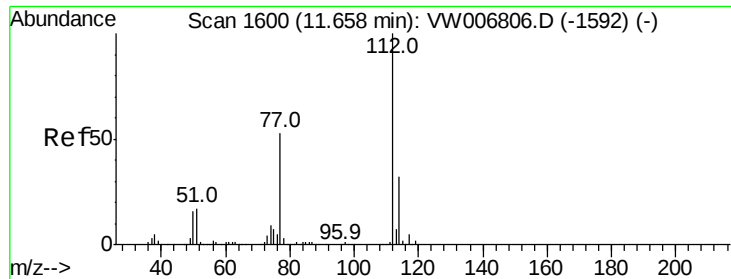
Tgt Ion:117 Resp: 395936
Ion Ratio Lower Upper
117 100
82 50.9 40.6 61.0
119 31.4 25.5 38.3



#64
Tetrachloroethene
Concen: 5.497 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW006803.D
Acq: 12 Nov 2018 12:25

Tgt Ion:164 Resp: 16619
Ion Ratio Lower Upper
164 100
166 133.8 101.3 151.9
129 89.4 69.6 104.4
131 84.4 68.7 103.1





#65

Chlorobenzene

Concen: 5.324 ug/l

RT: 11.66 min Scan# 1601

Delta R.T. 0.01 min

Lab File: VW006803.D

Acq: 12 Nov 2018 12:25

Instrument :

MSVOA_W

ClientSampleId :

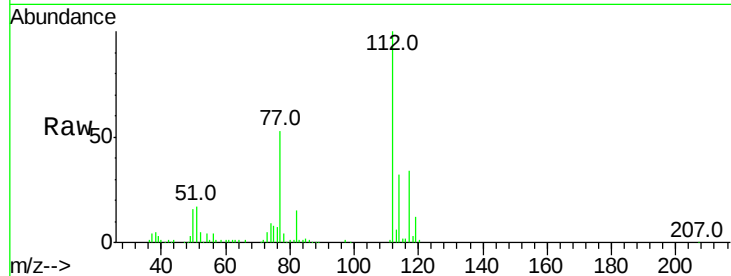
VSTDIC005

Tgt Ion:112 Resp: 44872

Ion Ratio Lower Upper

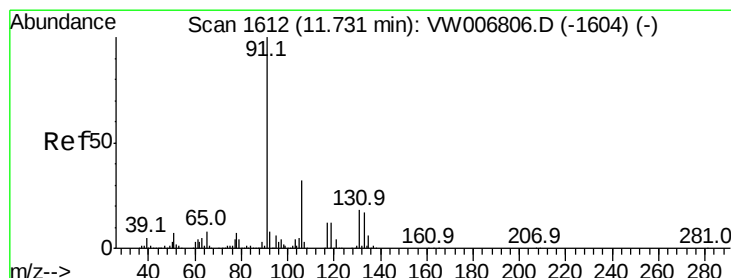
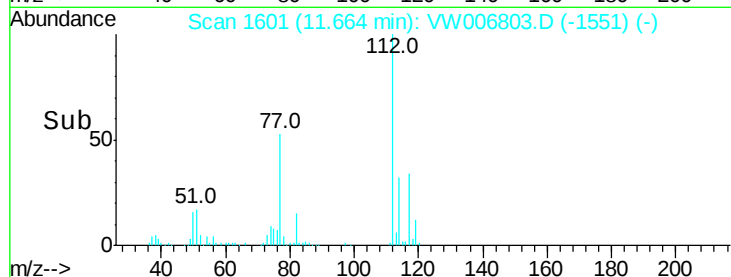
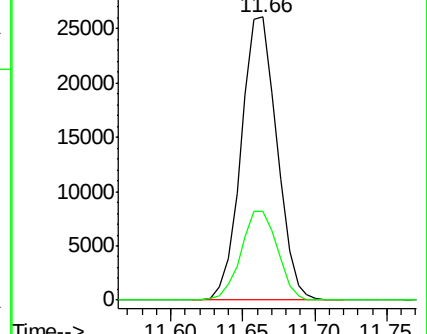
112 100

114 31.5 26.0 39.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 5.127 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. 0.01 min

Lab File: VW006803.D

Acq: 12 Nov 2018 12:25

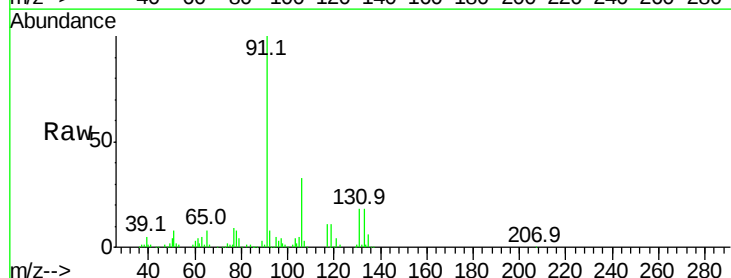
Tgt Ion:131 Resp: 13841

Ion Ratio Lower Upper

131 100

133 98.8 47.9 143.8

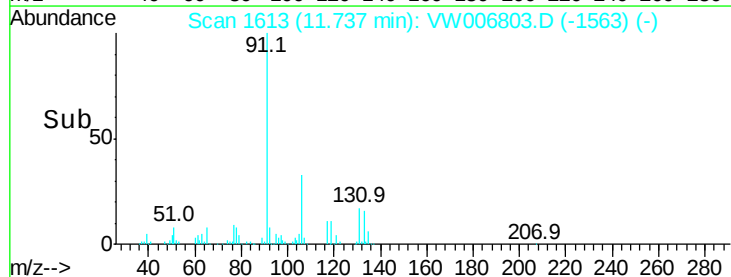
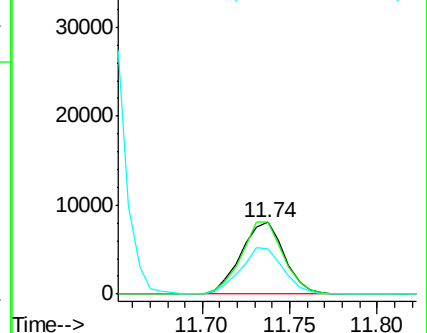
119 64.4 32.4 97.2

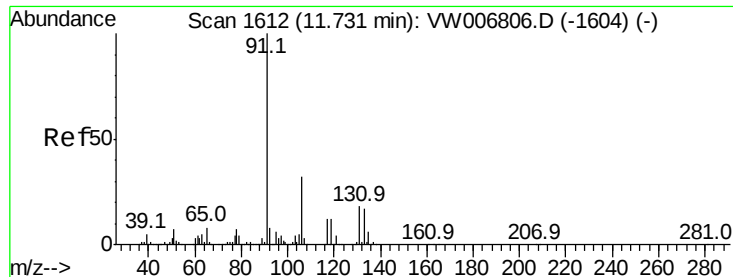


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 5.257 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. 0.01 min

Lab File: VW006803.D

Acq: 12 Nov 2018 12:25

Instrument :

MSVOA_W

ClientSampleId :

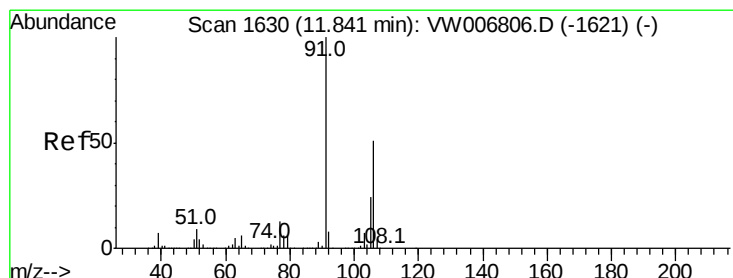
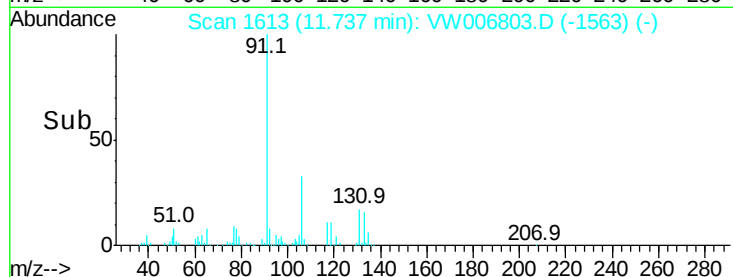
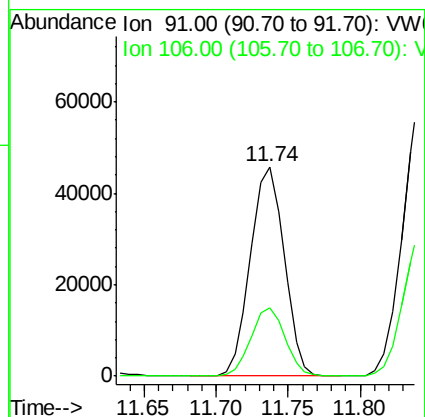
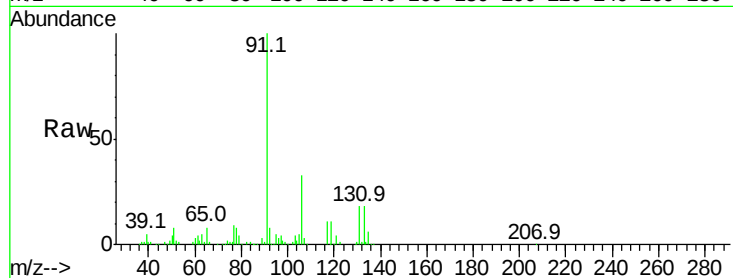
VSTDIC005

Tgt Ion: 91 Resp: 74528

Ion Ratio Lower Upper

91 100

106 32.8 25.4 38.0



#68

m/p-Xylenes

Concen: 10.571 ug/l

RT: 11.85 min Scan# 1631

Delta R.T. 0.01 min

Lab File: VW006803.D

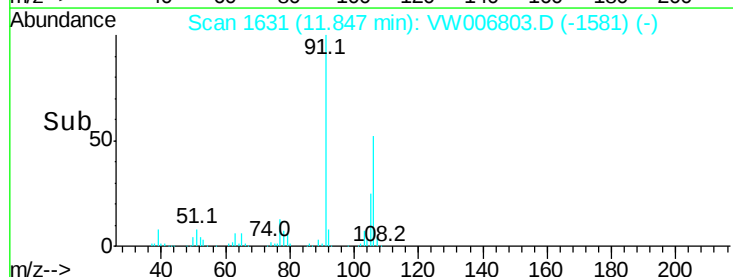
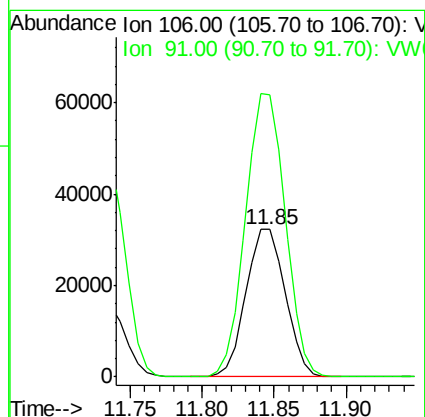
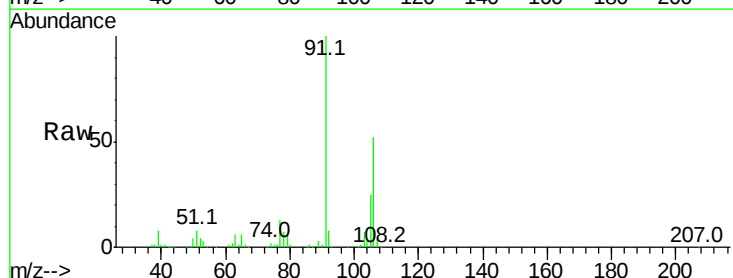
Acq: 12 Nov 2018 12:25

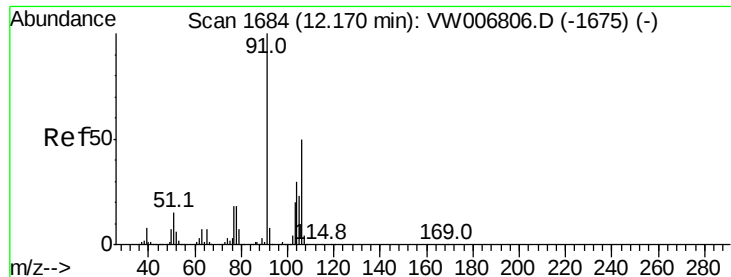
Tgt Ion: 106 Resp: 61131

Ion Ratio Lower Upper

106 100

91 194.5 155.7 233.5

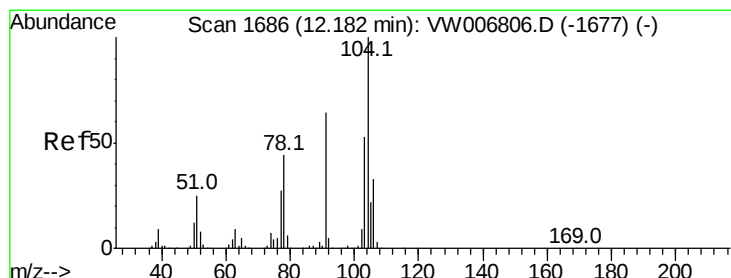
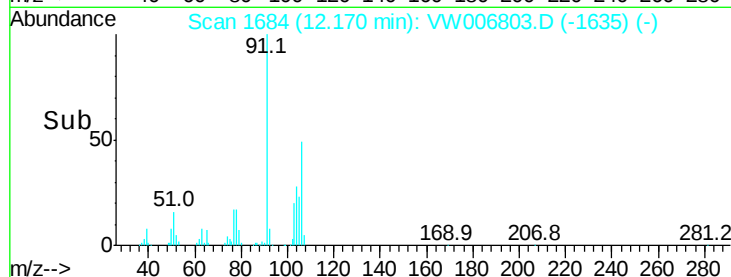
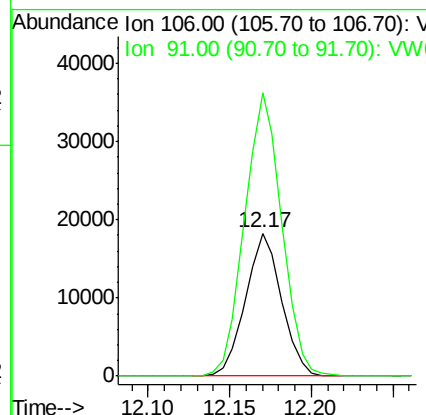
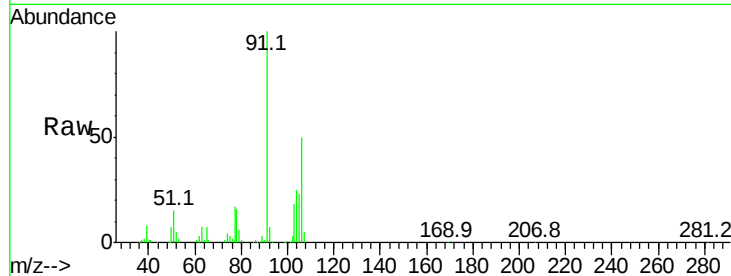




#69
o-Xylene
Concen: 5.266 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006803.D
Acq: 12 Nov 2018 12:25

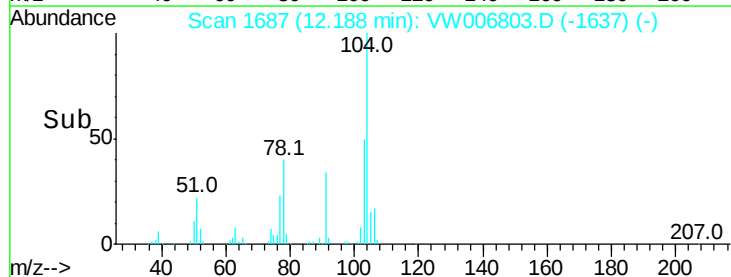
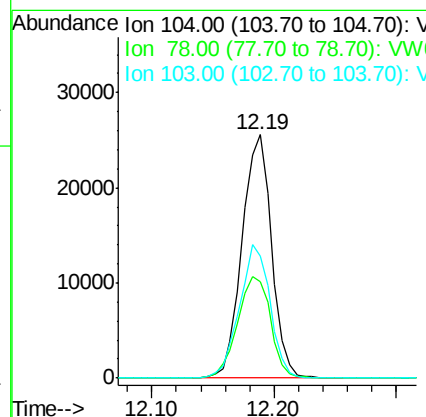
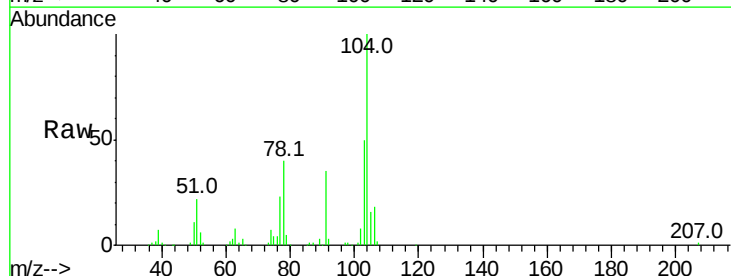
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

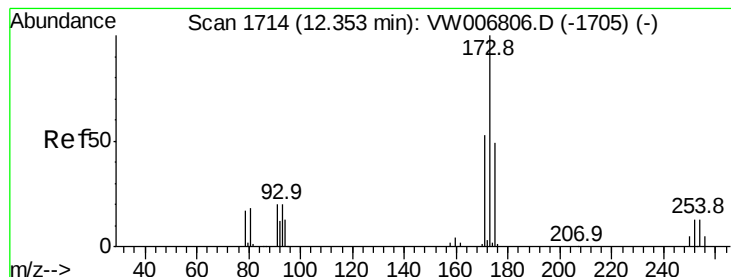
Tgt Ion:106 Resp: 28037
Ion Ratio Lower Upper
106 100
91 204.6 101.9 305.7



#70
Styrene
Concen: 4.937 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.01 min
Lab File: VW006803.D
Acq: 12 Nov 2018 12:25

Tgt Ion:104 Resp: 42722
Ion Ratio Lower Upper
104 100
78 46.8 37.3 55.9
103 57.0 44.6 66.8





#71

Bromoform

Concen: 4.675 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW006803.D

Acq: 12 Nov 2018 12:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

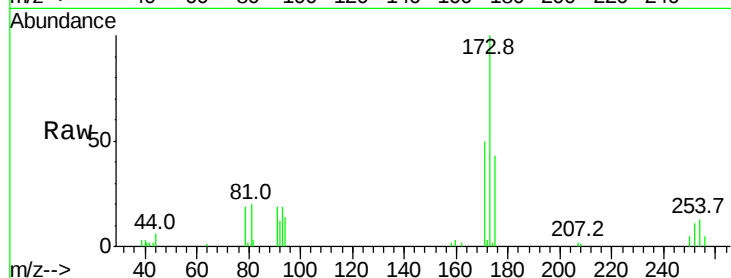
Tgt Ion:173 Resp: 6992

Ion Ratio Lower Upper

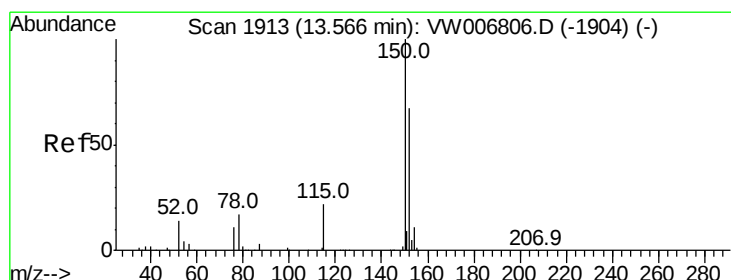
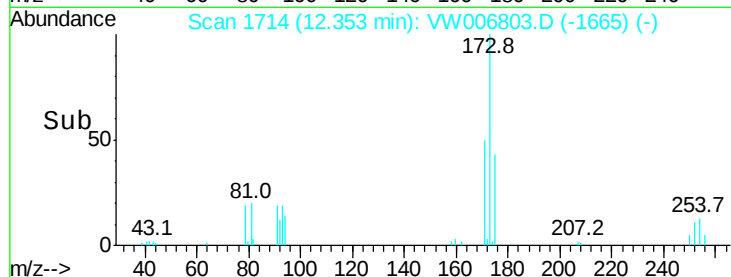
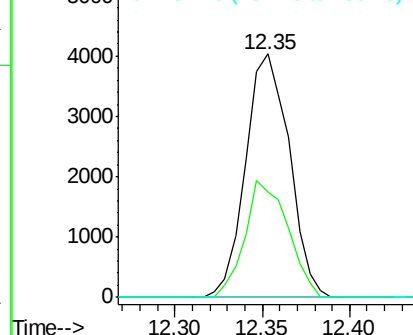
173 100

175 47.2 24.4 73.4

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW006803.D

Acq: 12 Nov 2018 12:25

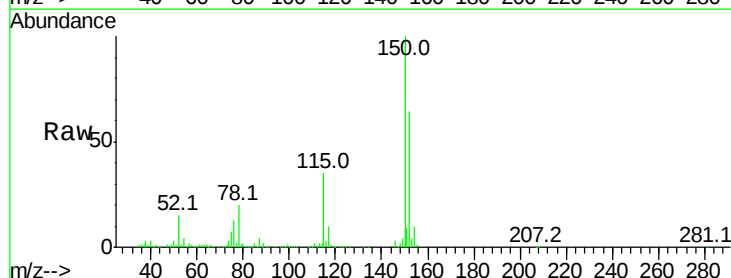
Tgt Ion:152 Resp: 224605

Ion Ratio Lower Upper

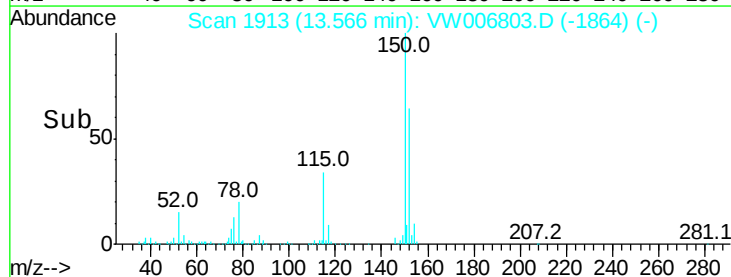
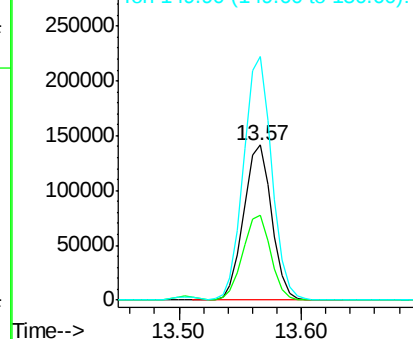
152 100

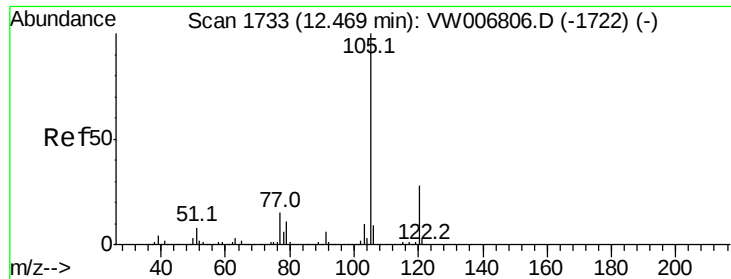
115 54.2 27.3 81.8

150 158.0 0.0 353.0



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: 5.264 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW006803.D

Acq: 12 Nov 2018 12:25

Instrument :

MSVOA_W

ClientSampleId :

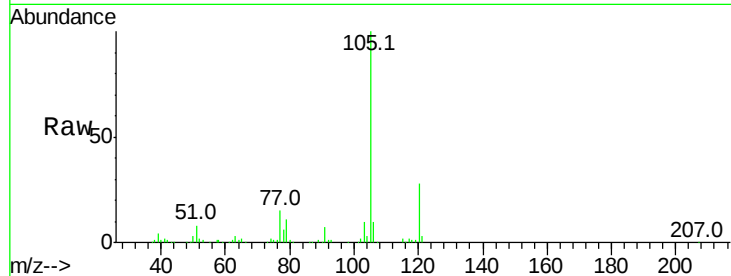
VSTDIC005

Tgt Ion:105 Resp: 76076

Ion Ratio Lower Upper

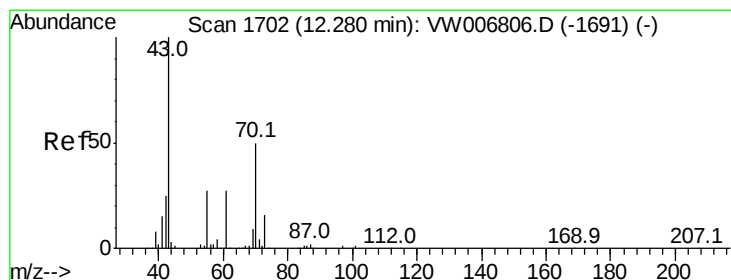
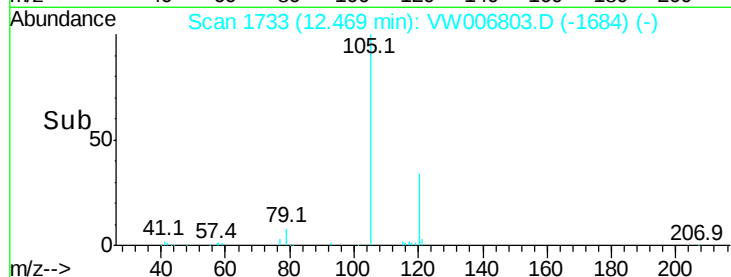
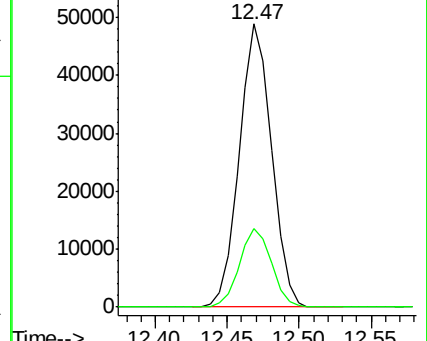
105 100

120 27.6 14.0 42.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 4.353 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.01 min

Lab File: VW006803.D

Acq: 12 Nov 2018 12:25

Tgt Ion: 43 Resp: 10253

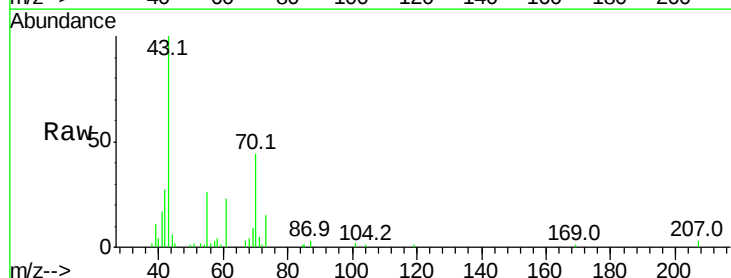
Ion Ratio Lower Upper

43 100

70 46.7 39.0 58.4

55 28.9 22.1 33.1

61 26.0 21.1 31.7

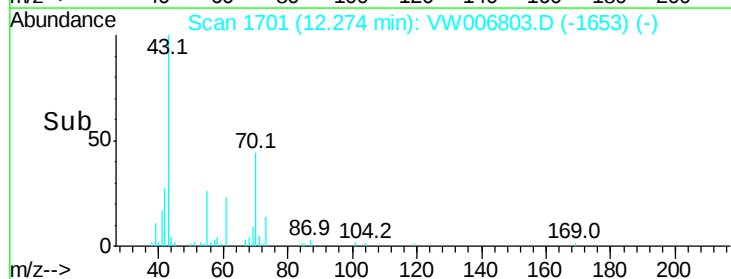
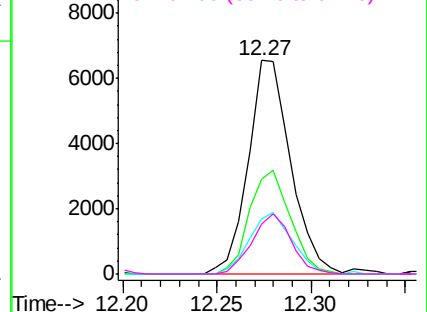


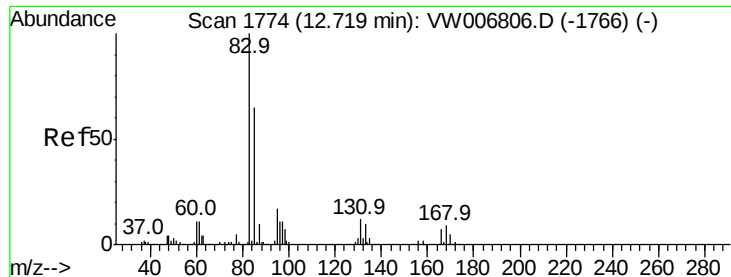
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 4.812 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW006803.D

Acq: 12 Nov 2018 12:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

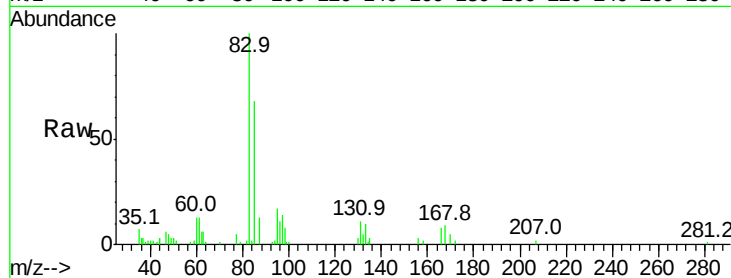
Tgt Ion: 83 Resp: 10360

Ion Ratio Lower Upper

83 100

131 11.8 6.1 18.3

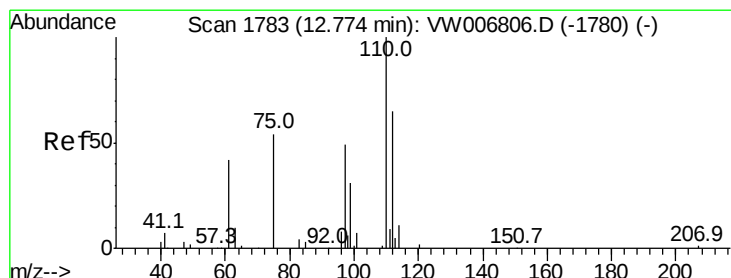
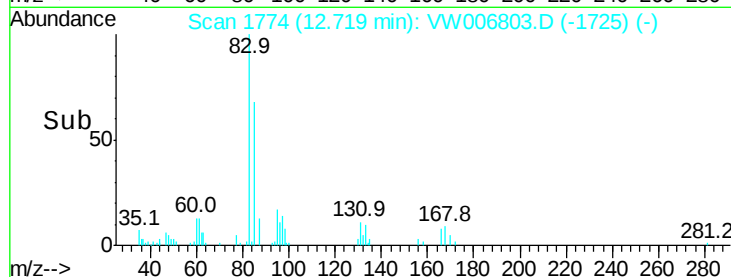
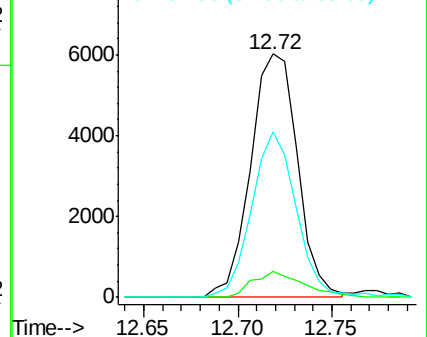
85 65.2 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 8.376 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.01 min

Lab File: VW006803.D

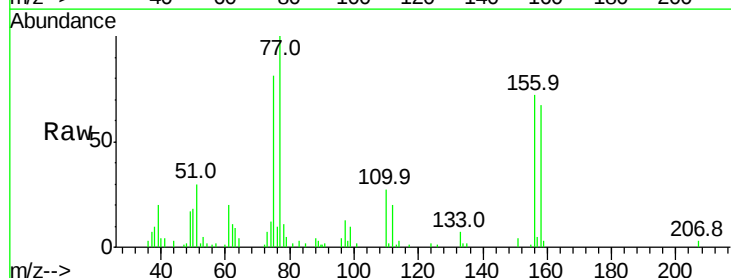
Acq: 12 Nov 2018 12:25

Tgt Ion: 75 Resp: 13720

Ion Ratio Lower Upper

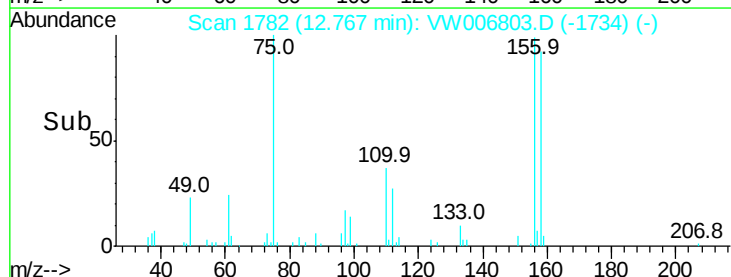
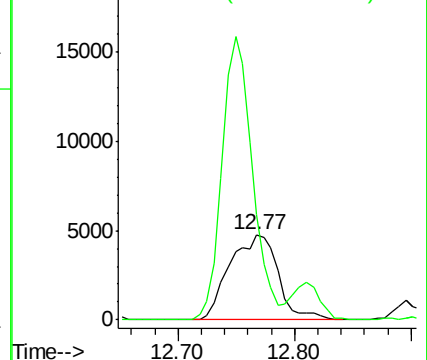
75 100

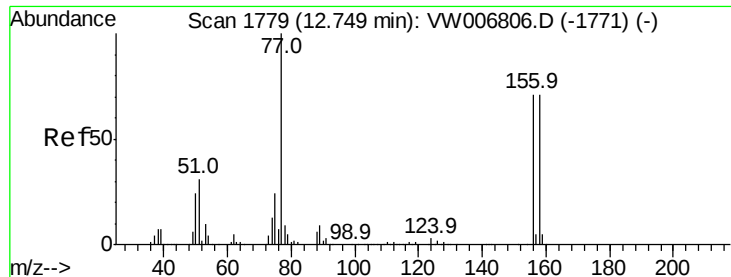
77 207.9 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 5.344 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW006803.D

Acq: 12 Nov 2018 12:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

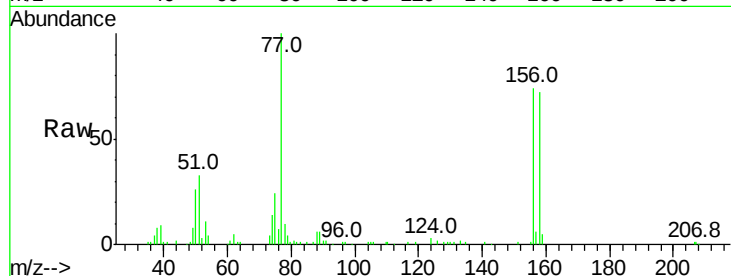
Tgt Ion:156 Resp: 19970

Ion Ratio Lower Upper

156 100

77 142.8 75.3 225.7

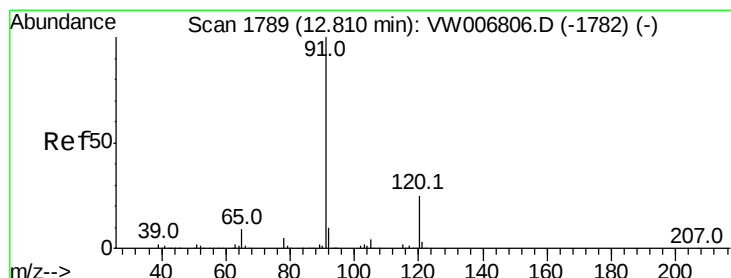
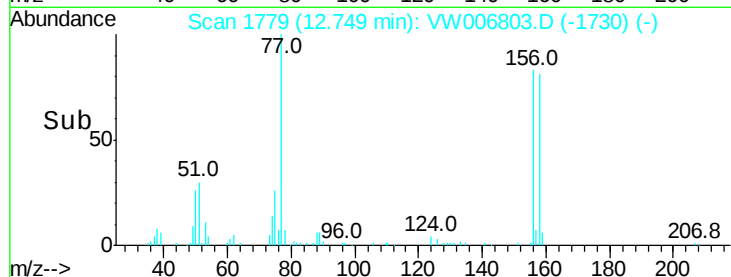
158 95.8 49.2 147.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 5.376 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW006803.D

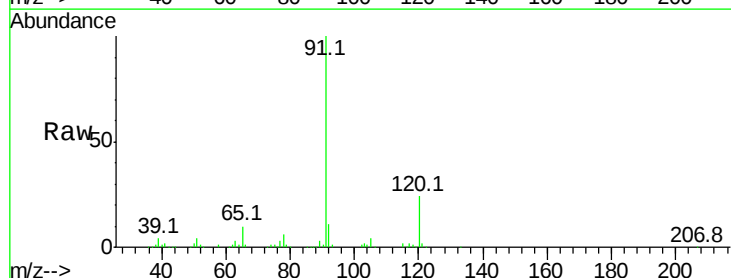
Acq: 12 Nov 2018 12:25

Tgt Ion: 91 Resp: 92314

Ion Ratio Lower Upper

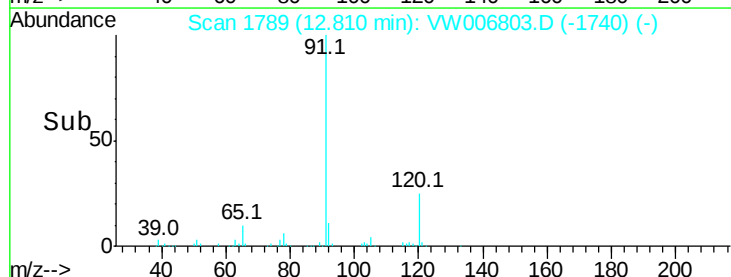
91 100

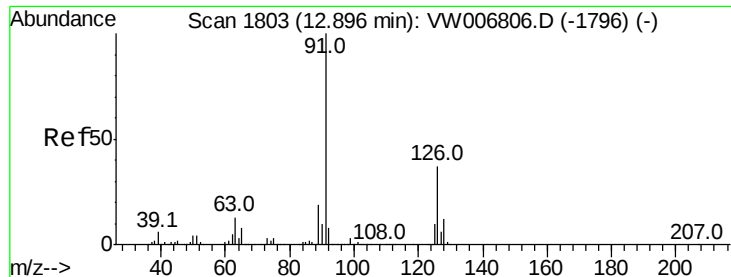
120 24.5 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 5.332 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW006803.D

Acq: 12 Nov 2018 12:25

Instrument :

MSVOA_W

ClientSampleId :

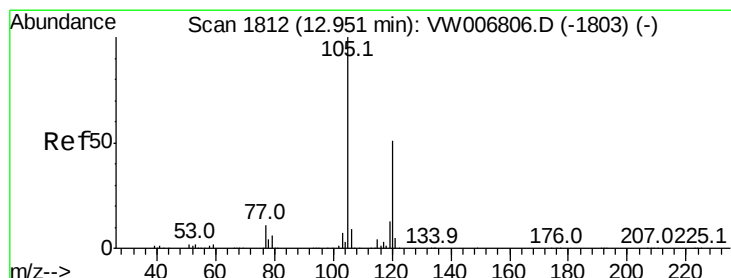
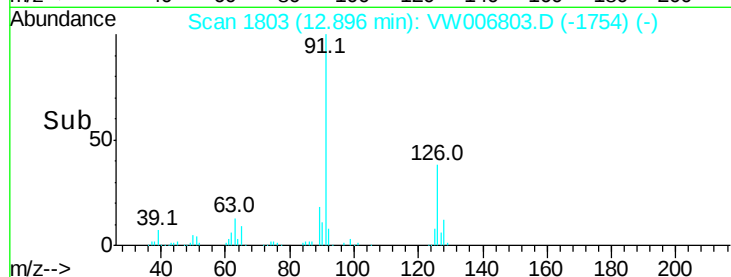
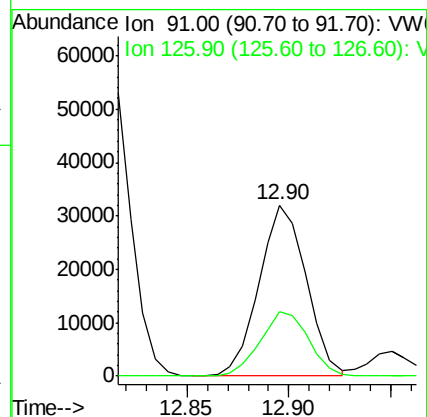
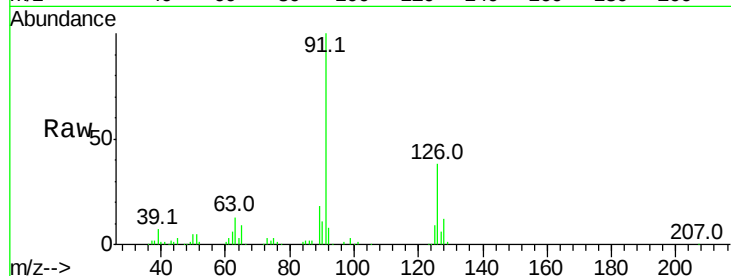
VSTDIC005

Tgt Ion: 91 Resp: 51581

Ion Ratio Lower Upper

91 100

126 38.9 18.5 55.5



#80

1,3,5-Trimethylbenzene

Concen: 5.272 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW006803.D

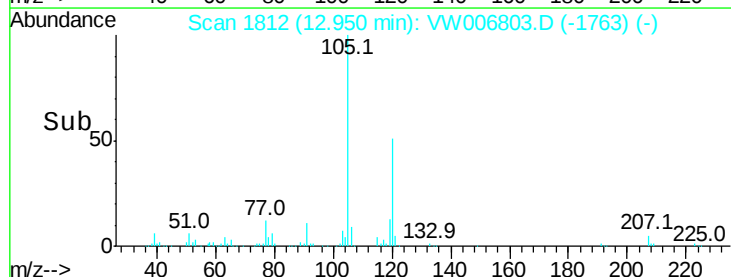
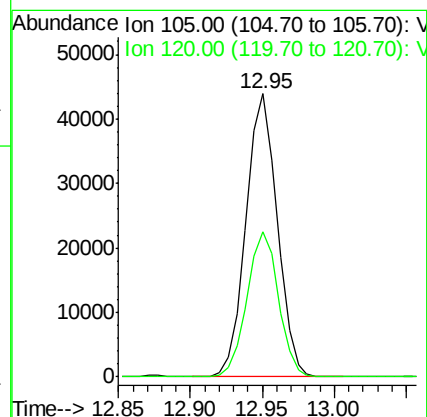
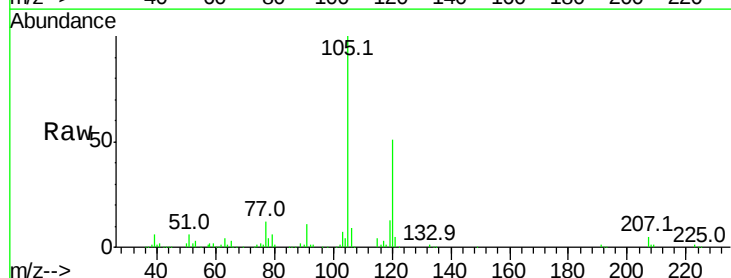
Acq: 12 Nov 2018 12:25

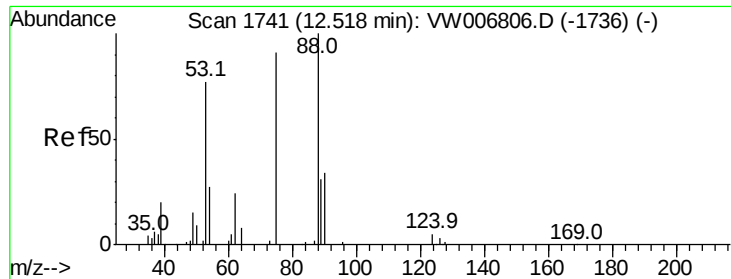
Tgt Ion: 105 Resp: 66013

Ion Ratio Lower Upper

105 100

120 51.3 25.3 75.9





#81

trans-1,4-Dichloro-2-butene

Concen: 4.628 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.01 min

Lab File: VW006803.D

Acq: 12 Nov 2018 12:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

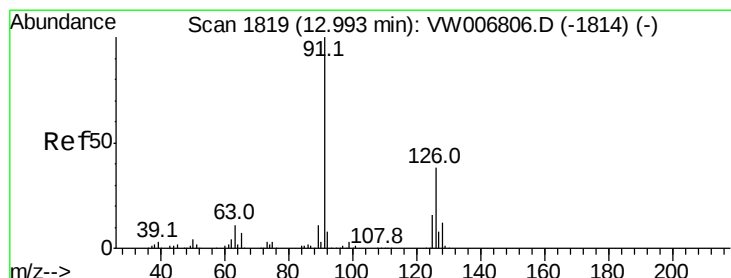
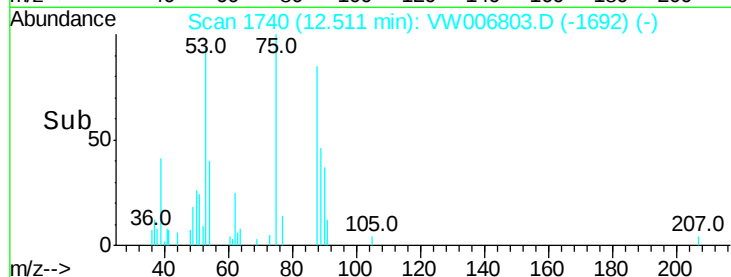
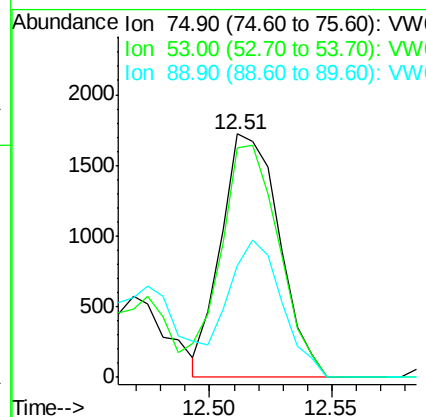
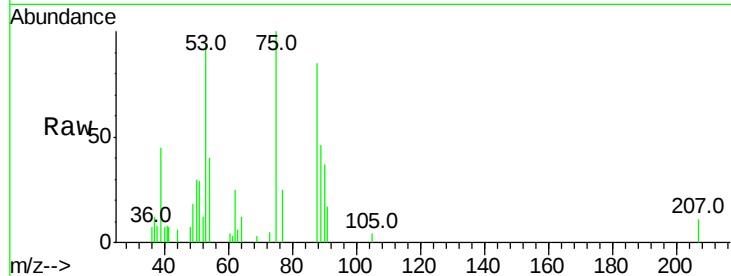
Tgt Ion: 75 Resp: 2851

Ion Ratio Lower Upper

75 100

53 97.1 72.9 109.3

89 51.2 38.7 58.1



#82

4-Chlorotoluene

Concen: 5.491 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW006803.D

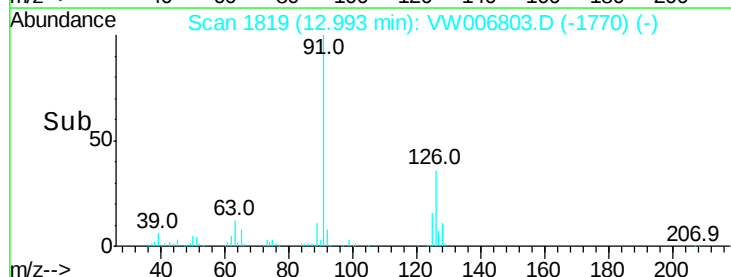
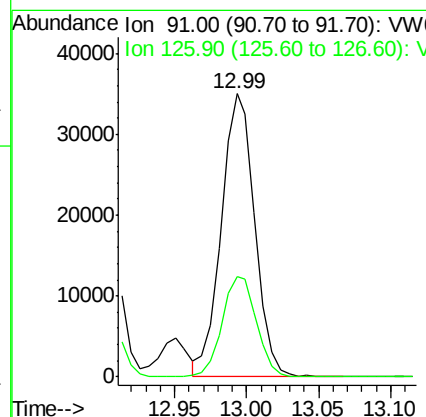
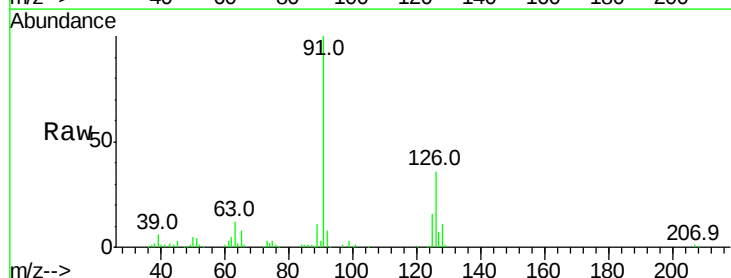
Acq: 12 Nov 2018 12:25

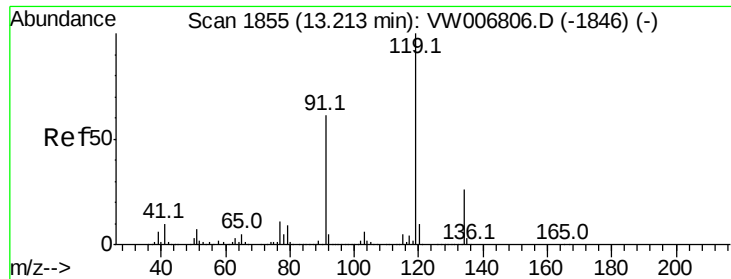
Tgt Ion: 91 Resp: 56768

Ion Ratio Lower Upper

91 100

126 36.4 18.4 55.2





#83

tert-Butylbenzene

Concen: 5.432 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW006803.D

Acq: 12 Nov 2018 12:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

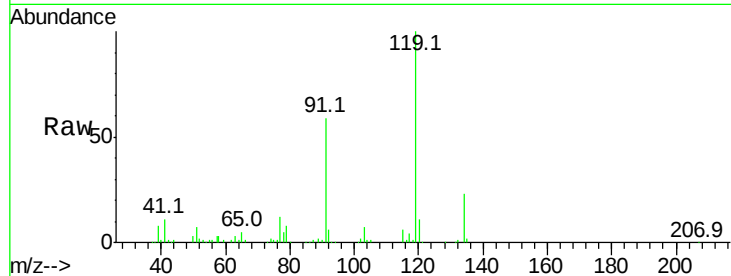
Tgt Ion:119 Resp: 58769

Ion Ratio Lower Upper

119 100

91 60.5 30.0 90.1

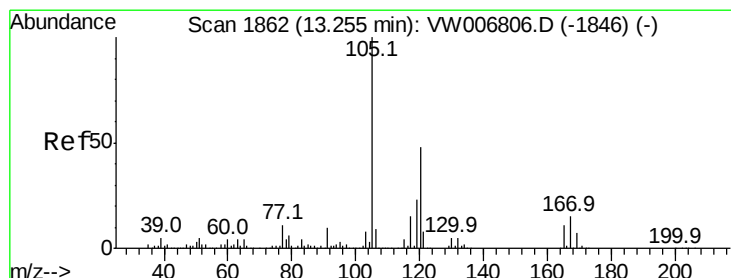
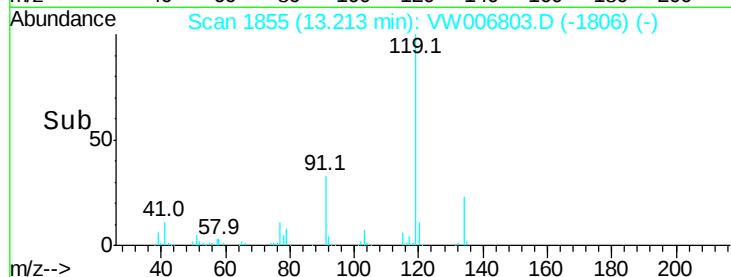
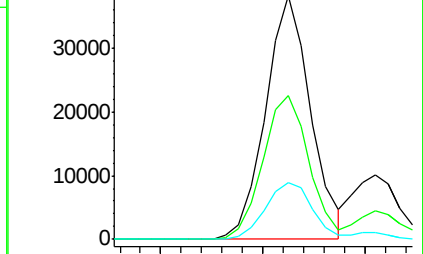
134 24.7 13.4 40.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 5.249 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. -0.00 min

Lab File: VW006803.D

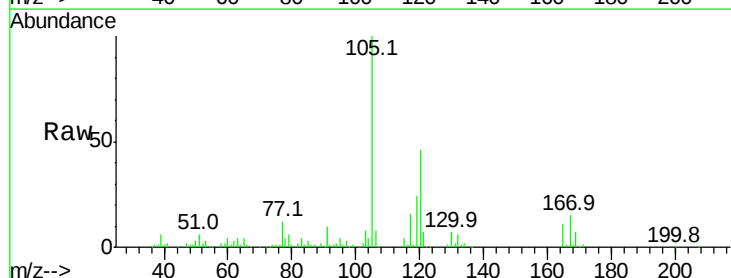
Acq: 12 Nov 2018 12:25

Tgt Ion:105 Resp: 67337

Ion Ratio Lower Upper

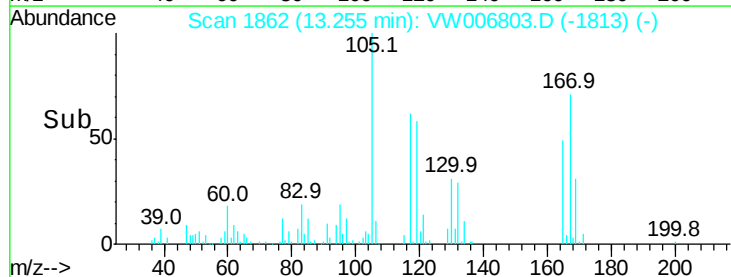
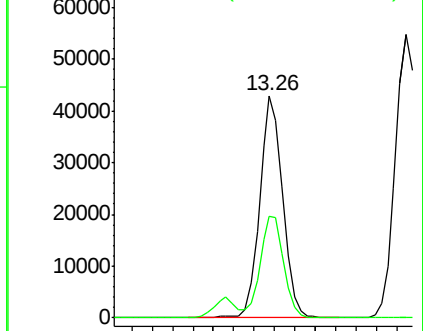
105 100

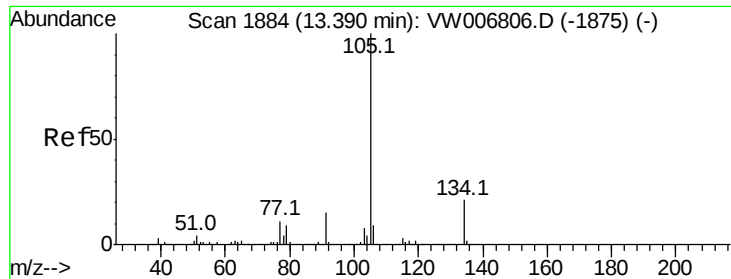
120 46.3 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

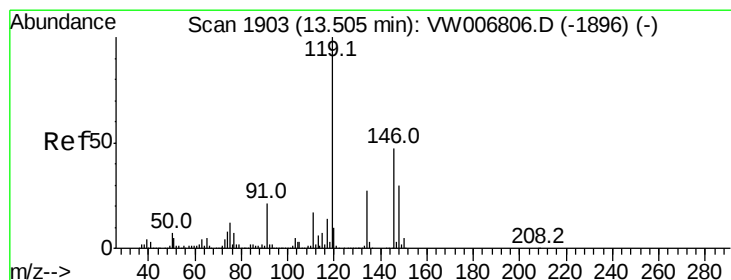
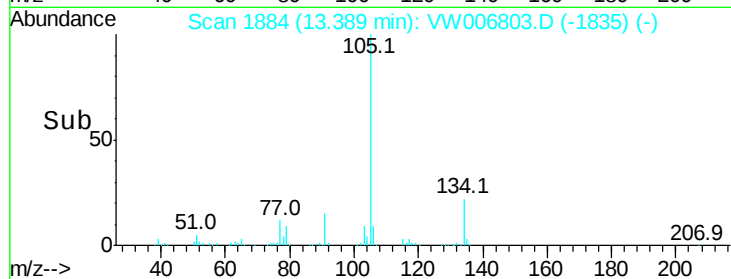
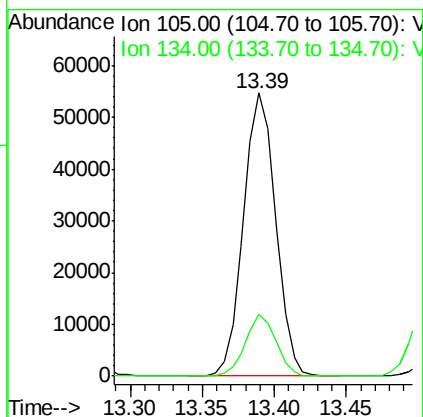
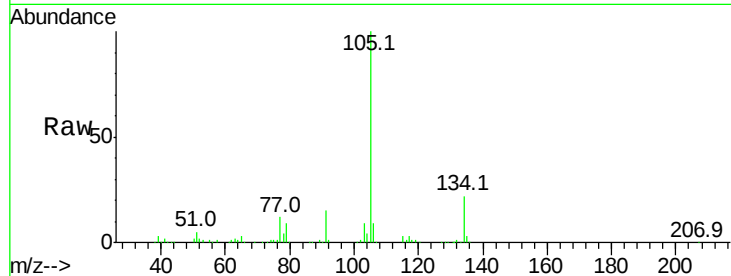




#85
 sec-Butylbenzene
 Concen: 5.458 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW006803.D
 Acq: 12 Nov 2018 12:25

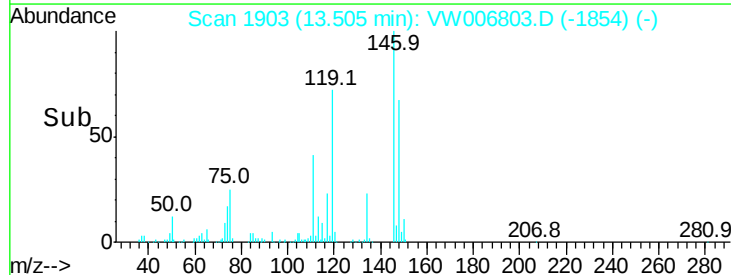
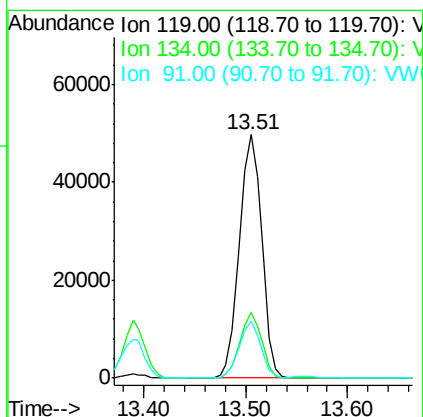
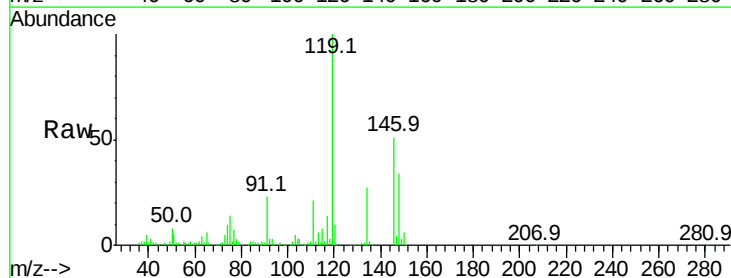
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

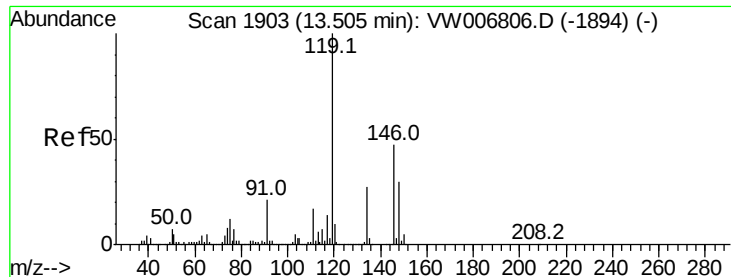
Tgt Ion:105 Resp: 84510
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.7 31.9



#86
 p-Isopropyltoluene
 Concen: 5.345 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006803.D
 Acq: 12 Nov 2018 12:25

Tgt Ion:119 Resp: 75492
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.5 40.4
 91 22.6 10.8 32.4





#87

1,3-Dichlorobenzene

Concen: 5.539 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW006803.D

Acq: 12 Nov 2018 12:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

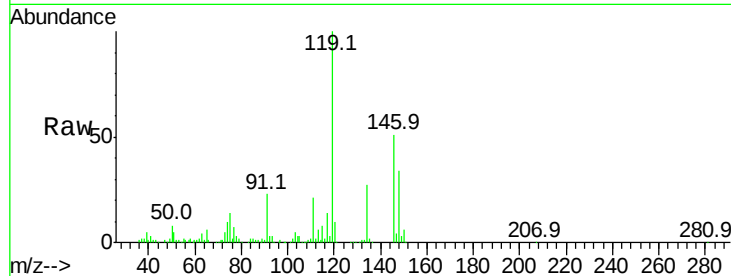
Tgt Ion:146 Resp: 42047

Ion Ratio Lower Upper

146 100

111 37.3 18.3 54.9

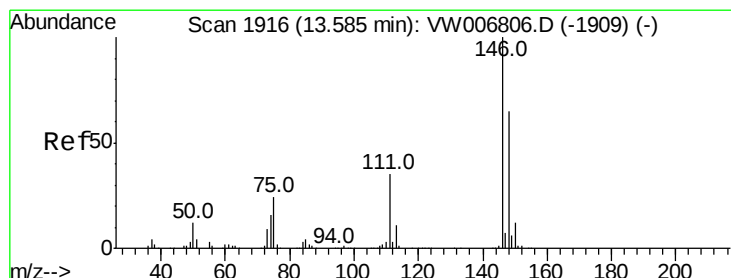
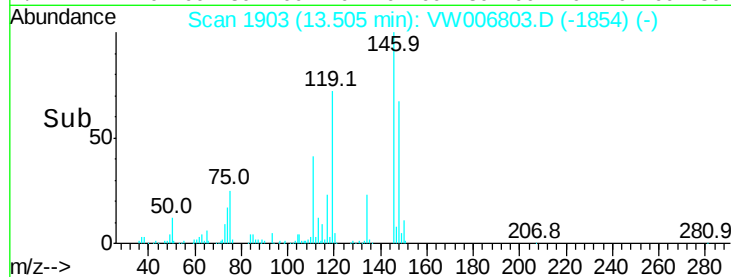
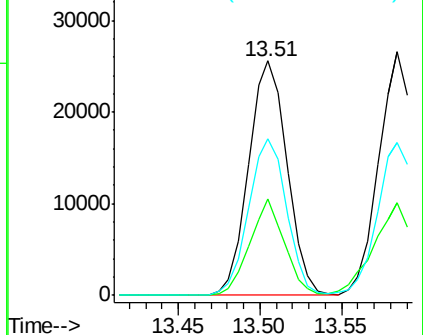
148 65.9 31.9 95.9



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



#88

1,4-Dichlorobenzene

Concen: 5.528 ug/l

RT: 13.58 min Scan# 1916

Delta R.T. -0.00 min

Lab File: VW006803.D

Acq: 12 Nov 2018 12:25

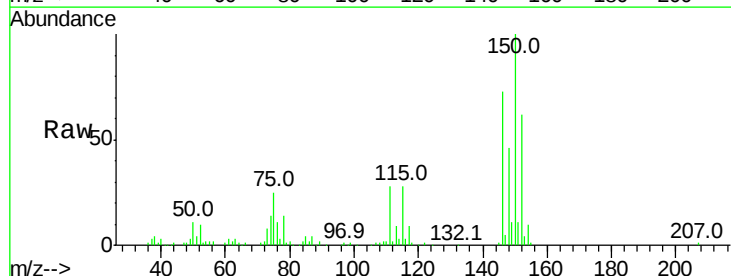
Tgt Ion:146 Resp: 41797

Ion Ratio Lower Upper

146 100

111 41.3 17.8 53.3

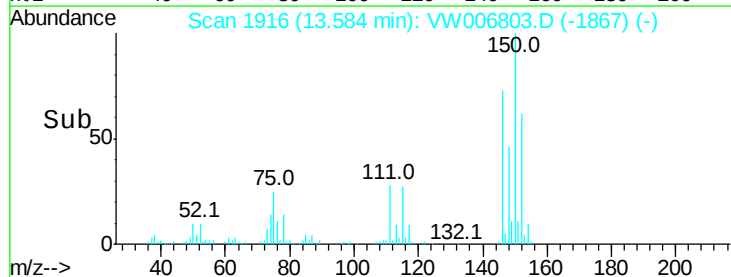
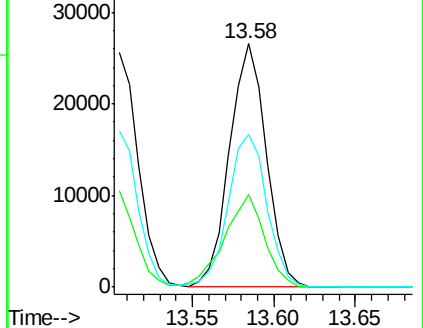
148 66.1 32.0 96.0

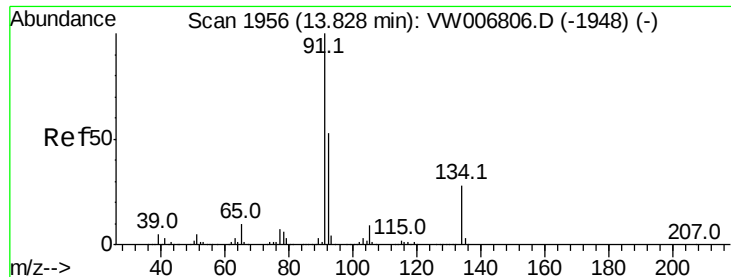


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

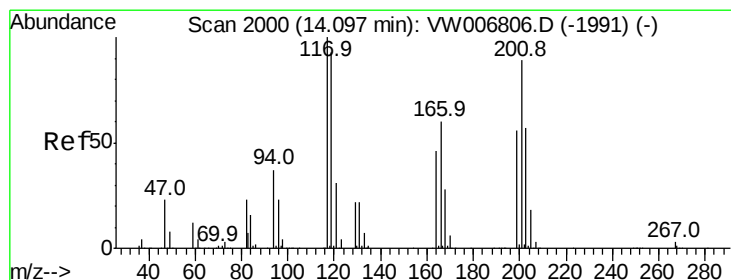
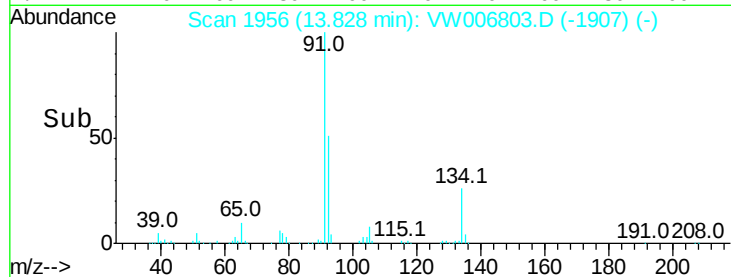
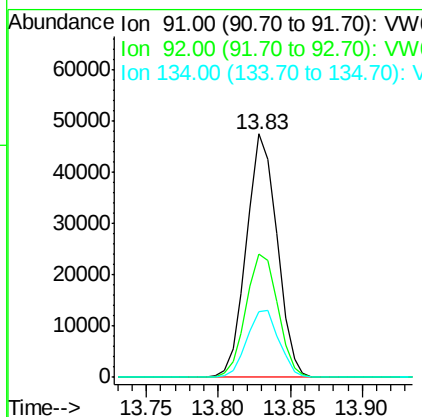
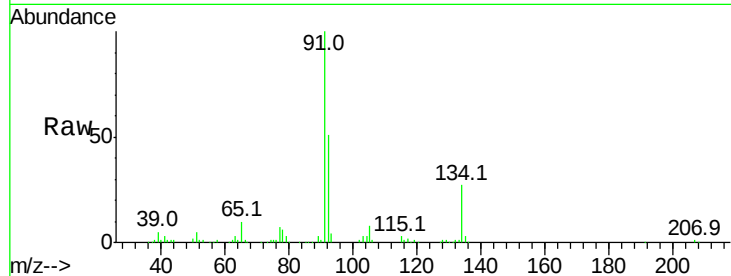




#89
n-Butylbenzene
Concen: 5.376 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW006803.D
Acq: 12 Nov 2018 12:25

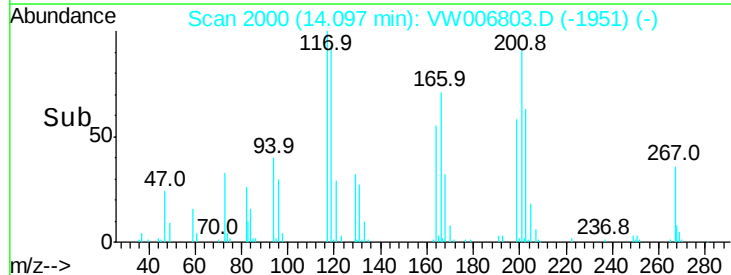
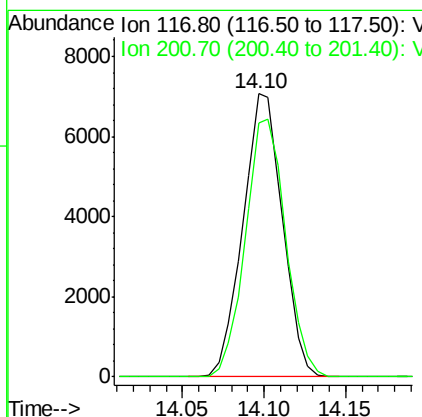
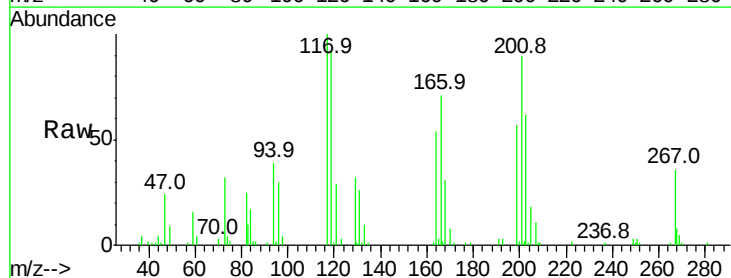
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

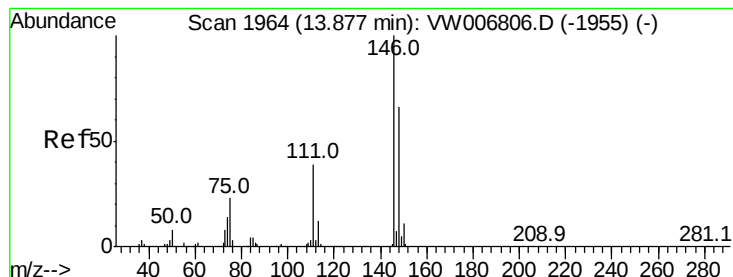
Tgt Ion: 91 Resp: 70083
Ion Ratio Lower Upper
91 100
92 52.6 26.5 79.4
134 28.4 14.4 43.2



#90
Hexachloroethane
Concen: 5.383 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW006803.D
Acq: 12 Nov 2018 12:25

Tgt Ion: 117 Resp: 11928
Ion Ratio Lower Upper
117 100
201 92.6 46.9 140.6





#91

1,2-Dichlorobenzene

Concen: 5.491 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. -0.00 min

Lab File: VW006803.D

Acq: 12 Nov 2018 12:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

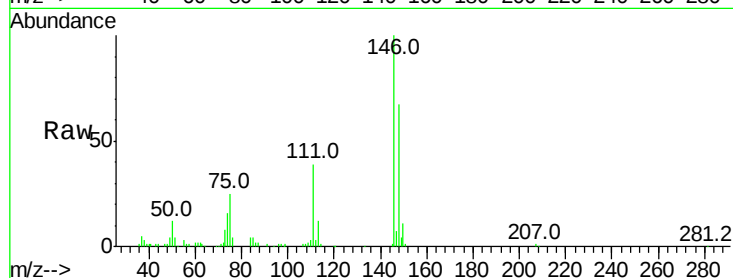
Tgt Ion:146 Resp: 36464

Ion Ratio Lower Upper

146 100

111 37.8 19.3 57.8

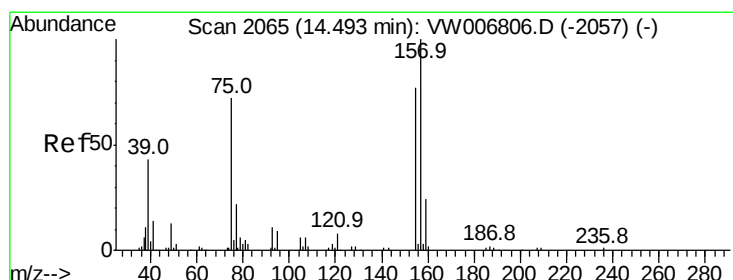
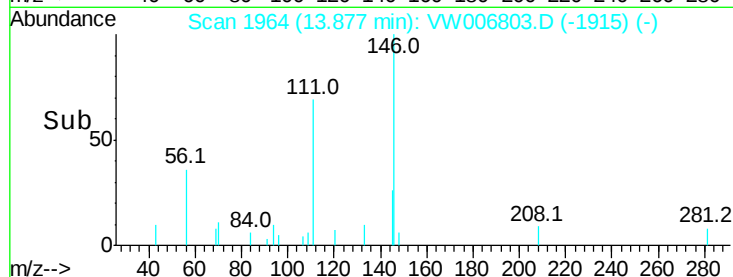
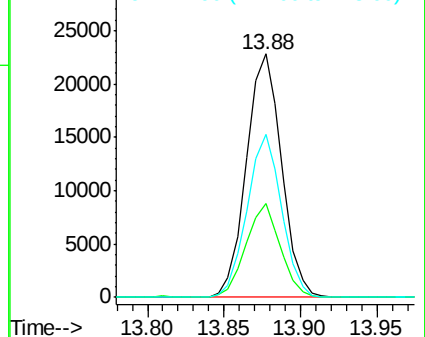
148 65.6 32.4 97.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.106 ug/l

RT: 14.49 min Scan# 2065

Delta R.T. -0.00 min

Lab File: VW006803.D

Acq: 12 Nov 2018 12:25

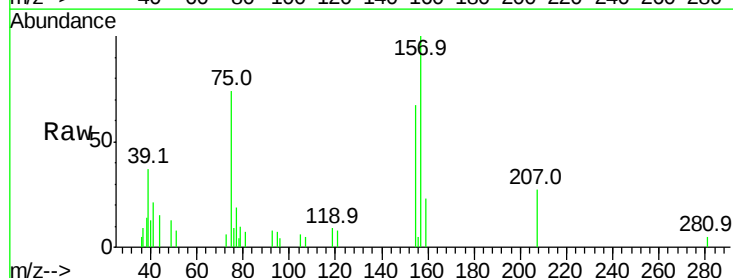
Tgt Ion: 75 Resp: 1775

Ion Ratio Lower Upper

75 100

155 92.5 51.0 153.1

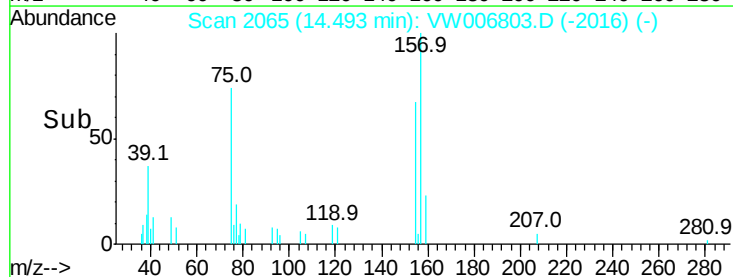
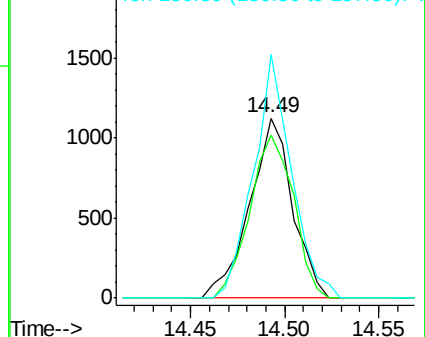
157 120.3 67.4 202.2

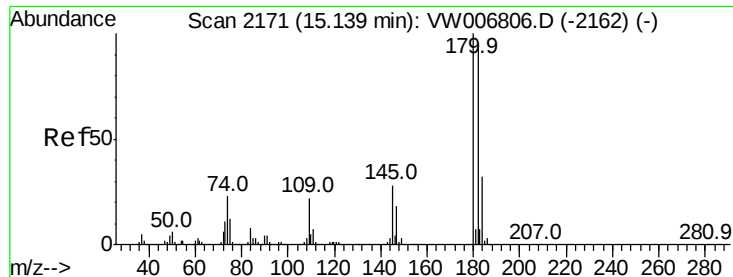


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

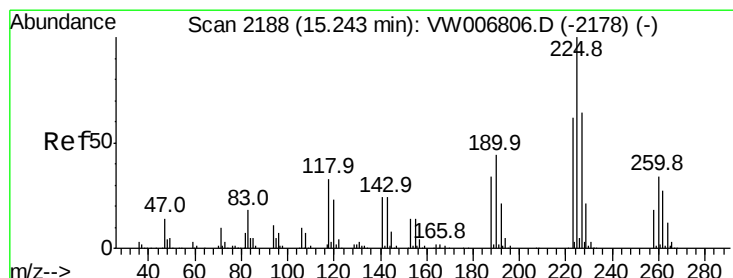
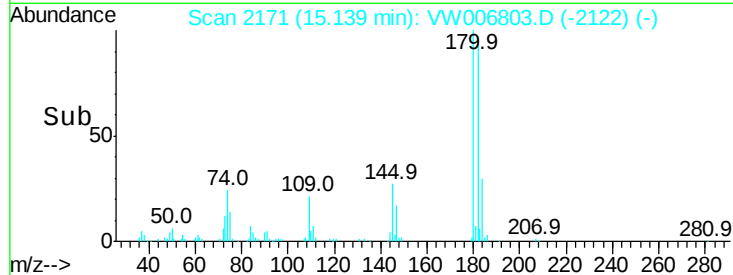
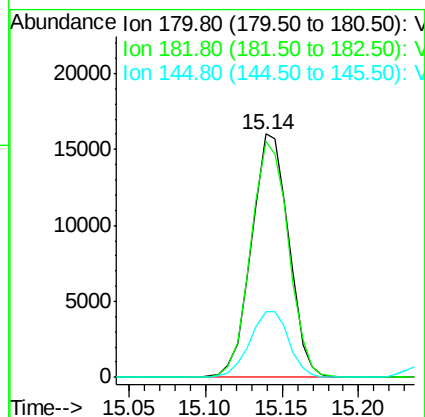
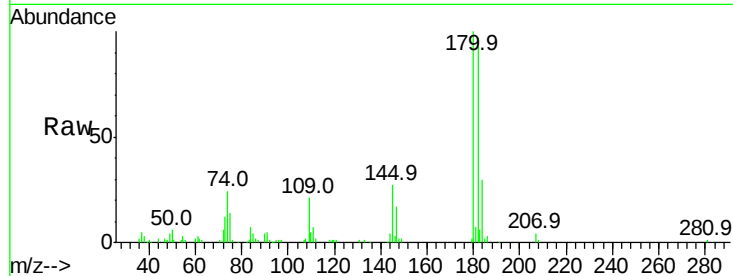




#93
 1,2,4-Trichlorobenzene
 Concen: 5.538 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW006803.D
 Acq: 12 Nov 2018 12:25

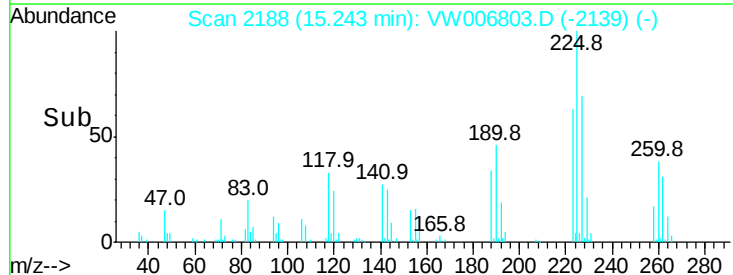
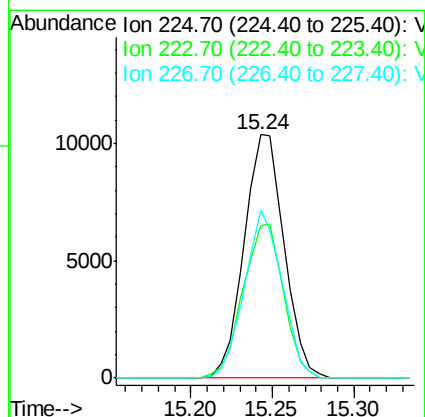
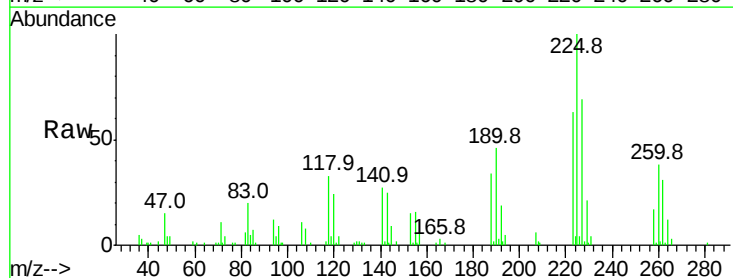
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

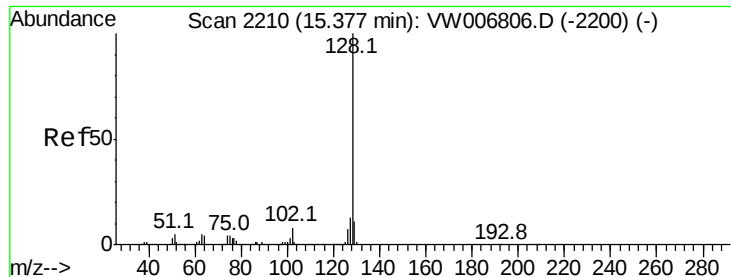
Tgt Ion:180 Resp: 27226
 Ion Ratio Lower Upper
 180 100
 182 97.9 47.5 142.5
 145 28.0 14.0 41.9



#94
 Hexachlorobutadiene
 Concen: 5.726 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW006803.D
 Acq: 12 Nov 2018 12:25

Tgt Ion:225 Resp: 17716
 Ion Ratio Lower Upper
 225 100
 223 63.9 31.2 93.6
 227 65.0 32.3 96.9

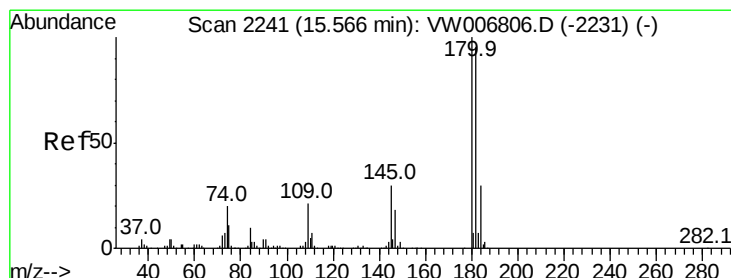
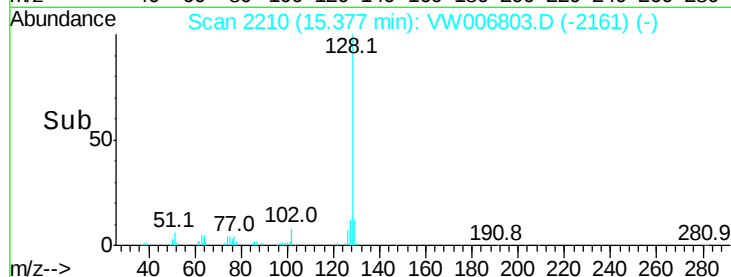
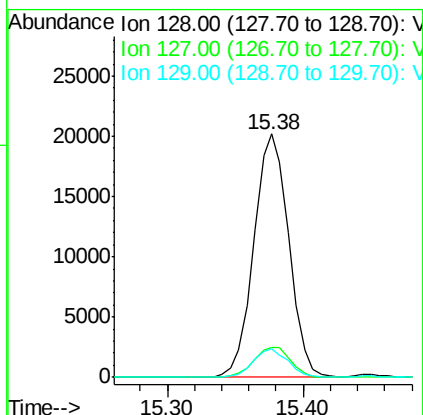
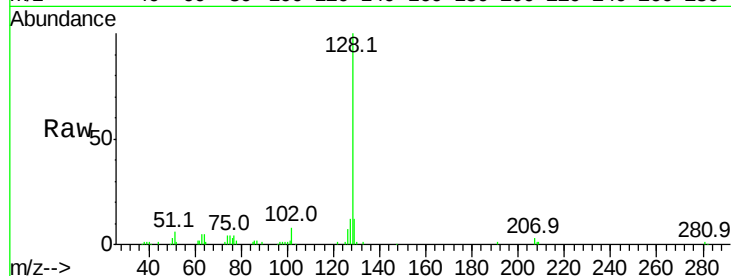




#95
Naphthalene
Concen: 4.825 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW006803.D
Acq: 12 Nov 2018 12:25

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 36298
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 11.5 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 5.631 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW006803.D
Acq: 12 Nov 2018 12:25

Tgt Ion:180 Resp: 23945
Ion Ratio Lower Upper
180 100
182 90.1 47.9 143.6
145 28.5 15.2 45.5

