

Data File : VW006805.D
Acq On : 12 Nov 2018 13:16
Operator : SY/AP
Sample : VSTDIC020
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Quant Time: Nov 12 14:14:21 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	7.95	168	345236	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	455284	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	437710	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	249874	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	51864	20.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.00%	
35) Dibromofluoromethane	7.89	113	54698	21.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	42.22%	
50) Toluene-d8	10.33	98	224692	20.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.20%	
62) 4-Bromofluorobenzene	12.62	95	82599	20.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.60%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	63315	22.557	ug/l	98
3) Chloromethane	2.21	50	67610	20.064	ug/l	99
4) Vinyl Chloride	2.35	62	70836	19.995	ug/l	99
5) Bromomethane	2.78	94	44265	18.535	ug/l	98
6) Chloroethane	2.92	64	43620	18.814	ug/l	97
7) Trichlorofluoromethane	3.26	101	93858	21.086	ug/l	95
8) Diethyl Ether	3.69	74	27062	20.898	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	63206	21.370	ug/l	99
10) Methyl Iodide	4.28	142	84750	20.625	ug/l	99
11) Tert butyl alcohol	5.22	59	15227	91.437	ug/l #	72
12) 1,1-Dichloroethene	4.04	96	52279	21.198	ug/l	97
13) Acrolein	3.90	56	18239	105.161	ug/l	97
14) Allyl chloride	4.68	41	67514	20.307	ug/l	99
15) Acrylonitrile	5.38	53	48164	92.922	ug/l	99
16) Acetone	4.15	43	33674	91.942	ug/l	97
17) Carbon Disulfide	4.38	76	162533	19.978	ug/l	98
18) Methyl Acetate	4.68	43	23757	18.484	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	128898	21.339	ug/l	100
20) Methylene Chloride	4.92	84	78557	22.187	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	61414	20.819	ug/l	99
22) Diisopropyl ether	6.32	45	147816	21.097	ug/l	96
23) Vinyl Acetate	6.26	43	418058	104.621	ug/l	99
24) 1,1-Dichloroethane	6.22	63	94489	20.616	ug/l	99
25) 2-Butanone	7.18	43	60940	100.774	ug/l	96
26) 2,2-Dichloropropane	7.17	77	96773	22.161	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	64720	20.475	ug/l	98
28) Bromochloromethane	7.52	49	32632	19.009	ug/l	98
29) Tetrahydrofuran	7.54	42	37973	95.807	ug/l	98
30) Chloroform	7.68	83	103792	20.437	ug/l	100
31) Cyclohexane	7.96	56	101856	21.578	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	104297	21.639	ug/l	99
36) 1,1-Dichloropropene	8.09	75	90402	21.882	ug/l	100
37) Ethyl Acetate	7.26	43	29215	19.913	ug/l	99
38) Carbon Tetrachloride	8.07	117	96744	21.917	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	108093	20.550	ug/l	100
40) Benzene	8.33	78	238182	20.417	ug/l	99
41) Methacrylonitrile	7.49	41	17354	20.388	ug/l	94
42) 1,2-Dichloroethane	8.40	62	64898	20.437	ug/l	100
43) Isopropyl Acetate	8.43	43	54117	19.676	ug/l	99
44) Trichloroethene	9.09	130	77224	21.530	ug/l	100
45) 1,2-Dichloropropane	9.37	63	57880	21.125	ug/l	97
46) Dibromomethane	9.46	93	30901	20.088	ug/l	98
47) Bromodichloromethane	9.65	83	79313	21.248	ug/l	96
48) Methyl methacrylate	9.44	41	25323	19.549	ug/l	99
49) 1,4-Dioxane	9.48	88	8351	362.624	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	132624	93.855	ug/l	99
52) Toluene	10.39	92	165759	20.210	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	75526	20.867	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	91691	21.367	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	46086	20.337	ug/l	98
56) Ethyl methacrylate	10.65	69	47948	19.161	ug/l	99
57) 1,3-Dichloropropane	10.93	76	74420	20.543	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	127933	102.657	ug/l	99
59) 2-Hexanone	10.97	43	90140	94.126	ug/l	99
60) Dibromochloromethane	11.13	129	56025	20.568	ug/l	100
61) 1,2-Dibromoethane	11.24	107	43063	19.752	ug/l	100
64) Tetrachloroethene	10.87	164	68659	20.541	ug/l	97
65) Chlorobenzene	11.66	112	190624	20.460	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	63093	21.139	ug/l	100
67) Ethyl Benzene	11.73	91	322923	20.603	ug/l	100
68) m/p-Xylenes	11.84	106	265451	41.521	ug/l	100
69) o-Xylene	12.17	106	122683	20.844	ug/l	99
70) Styrene	12.18	104	195967	20.484	ug/l	100
71) Bromoform	12.35	173	33659	20.359	ug/l #	98
73) Isopropylbenzene	12.47	105	332479	20.680	ug/l	99
74) N-amyl acetate	12.27	43	49874	19.032	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	46717	19.505	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	60482	33.192	ug/l #	100
77) Bromobenzene	12.75	156	84855	20.412	ug/l	100
78) n-propylbenzene	12.81	91	395154	20.686	ug/l	99
79) 2-Chlorotoluene	12.90	91	221482	20.581	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	287936	20.671	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	13782	20.109	ug/l	98
82) 4-Chlorotoluene	12.99	91	236656	20.576	ug/l	100
83) tert-Butylbenzene	13.21	119	250669	20.826	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	294458	20.632	ug/l	99
85) sec-Butylbenzene	13.39	105	357919	20.777	ug/l	100
86) p-Isopropyltoluene	13.51	119	324261	20.636	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	173039	20.489	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	171404	20.377	ug/l	99
89) n-Butylbenzene	13.83	91	296505	20.445	ug/l	99
90) Hexachloroethane	14.10	117	51192	20.766	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	150910	20.426	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7136	18.451	ug/l	96

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

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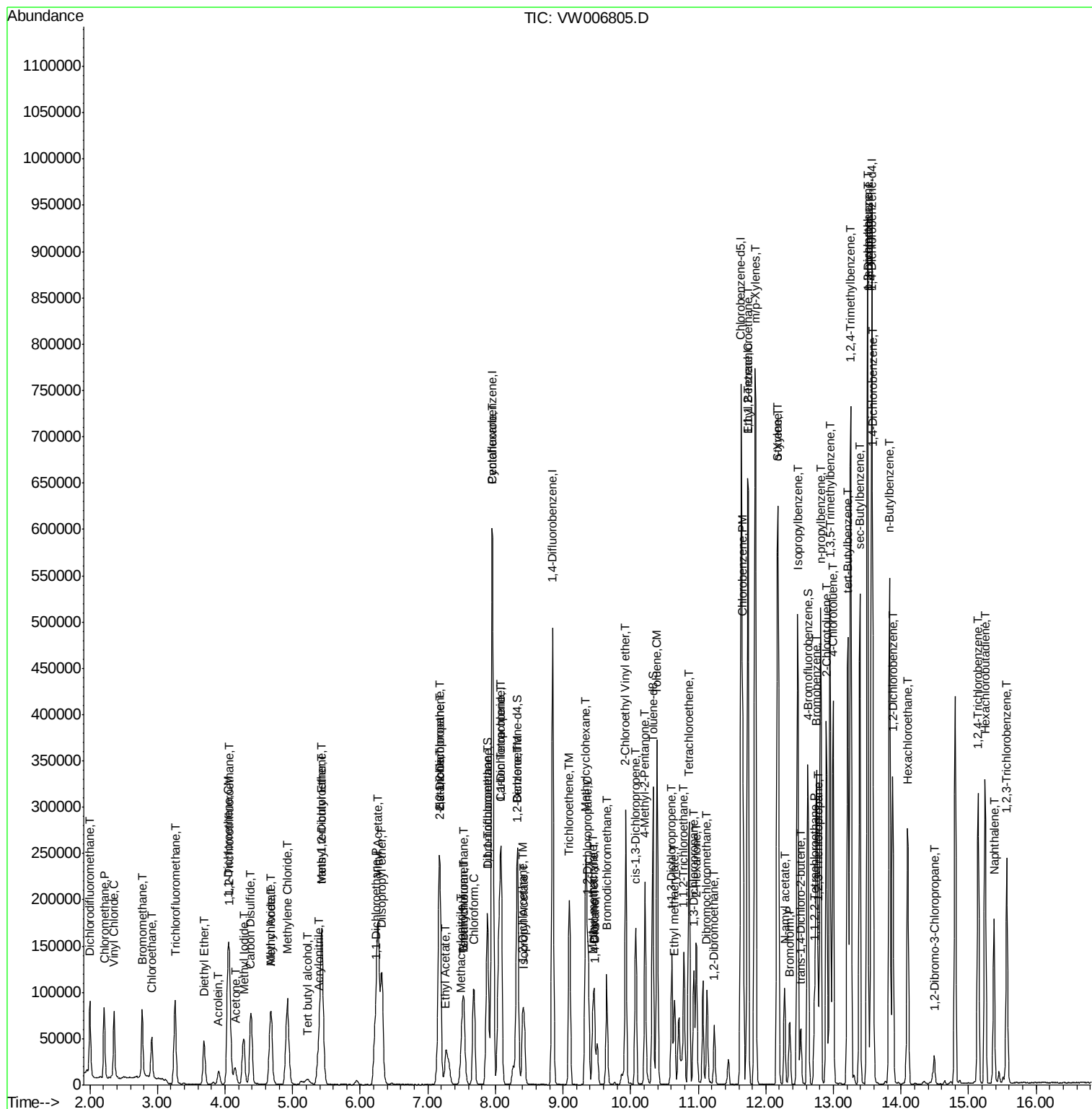
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	111836	20.448	ug/l	100
94) Hexachlorobutadiene	15.24	225	70969	20.618	ug/l	99
95) Naphthalene	15.38	128	162278	19.391	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	93931	19.854	ug/l	100

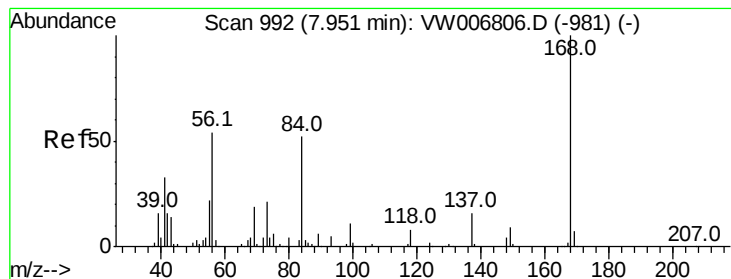
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006805.D

Acq: 12 Nov 2018 13:16

Instrument :

MSVOA_W

ClientSampleId :

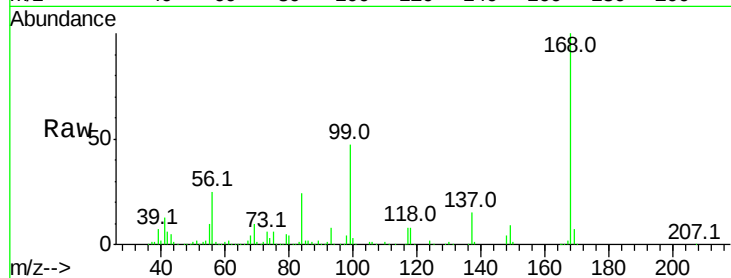
VSTDIC020

Tgt Ion:168 Resp: 345236

Ion Ratio Lower Upper

168 100

99 47.0 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

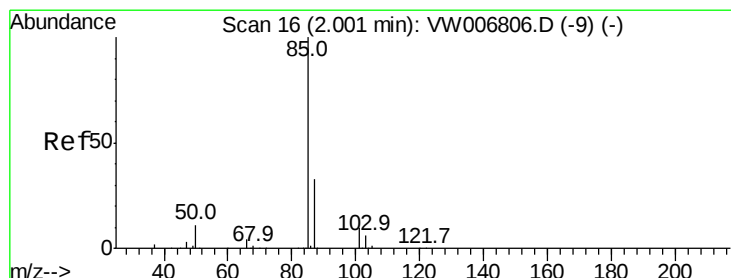
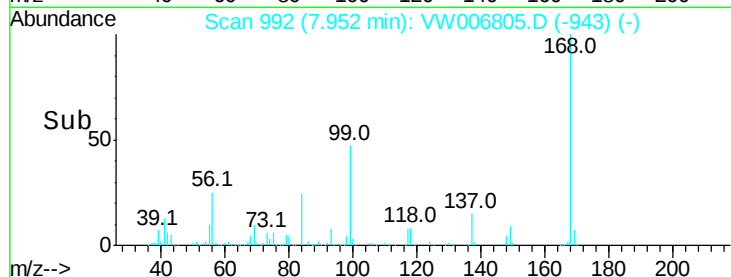
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 22.557 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW006805.D

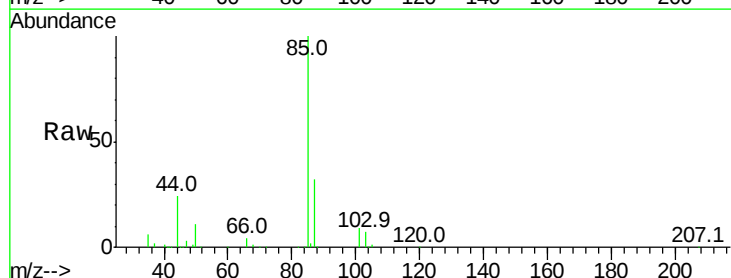
Acq: 12 Nov 2018 13:16

Tgt Ion: 85 Resp: 63315

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

50000

40000

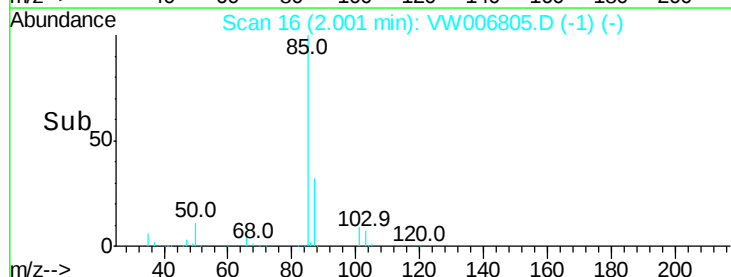
30000

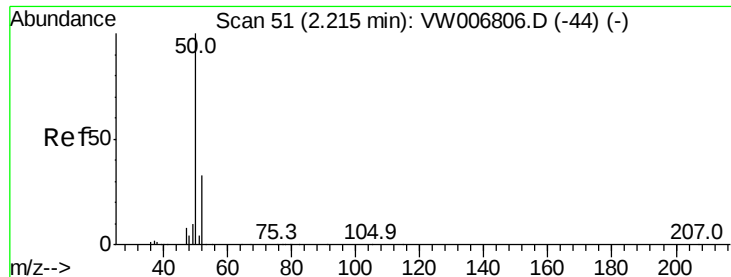
20000

10000

0

Time--> 1.90 1.95 2.00 2.05 2.10





#3

Chloromethane

Concen: 20.064 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW006805.D

Acq: 12 Nov 2018 13:16

Instrument :

MSVOA_W

ClientSampleId :

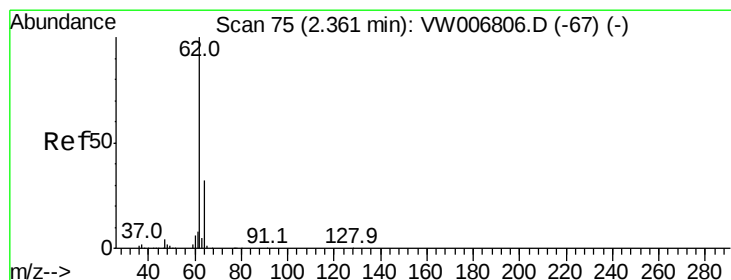
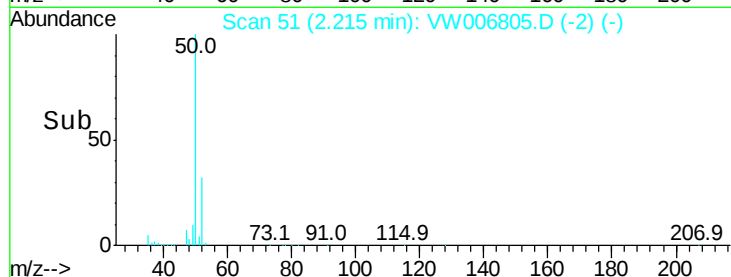
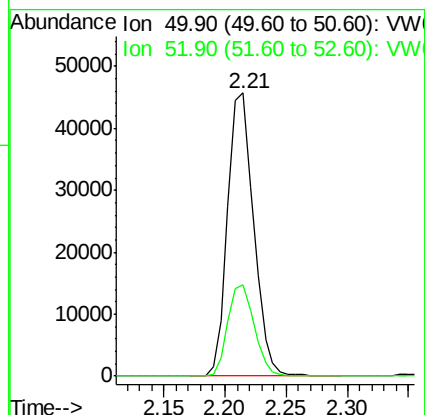
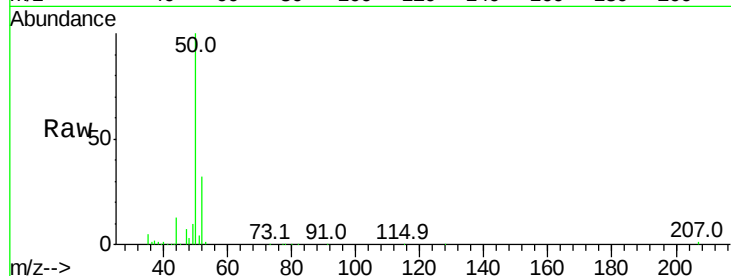
VSTDIC020

Tgt Ion: 50 Resp: 67610

Ion Ratio Lower Upper

50 100

52 32.2 26.2 39.4



#4

Vinyl Chloride

Concen: 19.995 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW006805.D

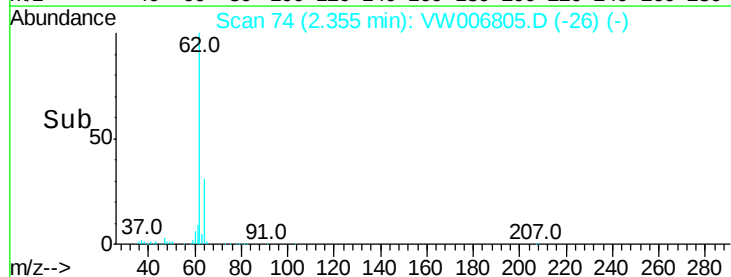
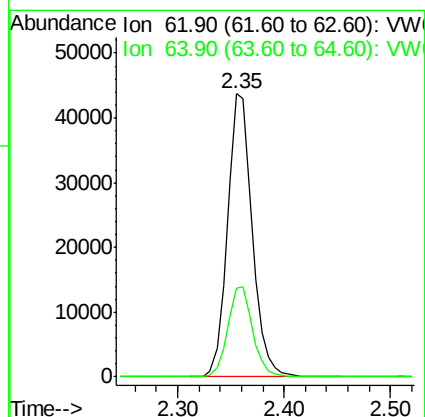
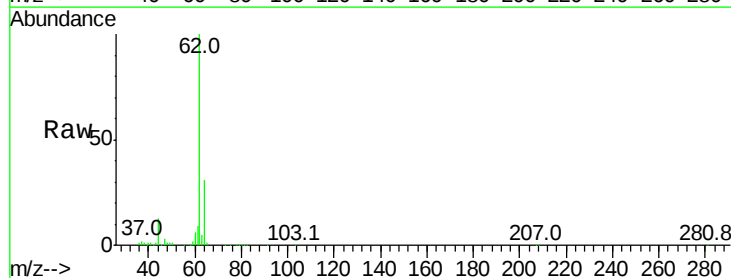
Acq: 12 Nov 2018 13:16

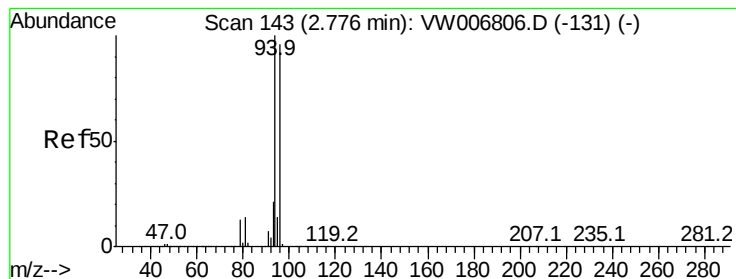
Tgt Ion: 62 Resp: 70836

Ion Ratio Lower Upper

62 100

64 31.2 25.6 38.4





#5

Bromomethane

Concen: 18.535 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.00 min

Lab File: VW006805.D

Acq: 12 Nov 2018 13:16

Instrument :

MSVOA_W

ClientSampleId :

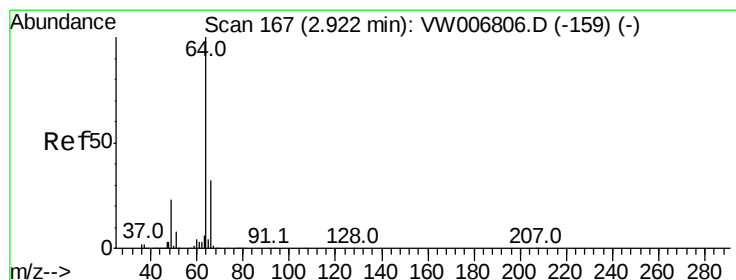
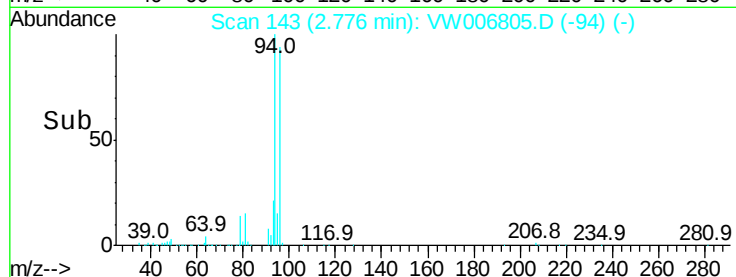
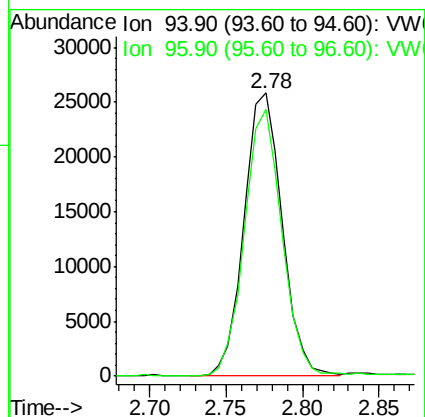
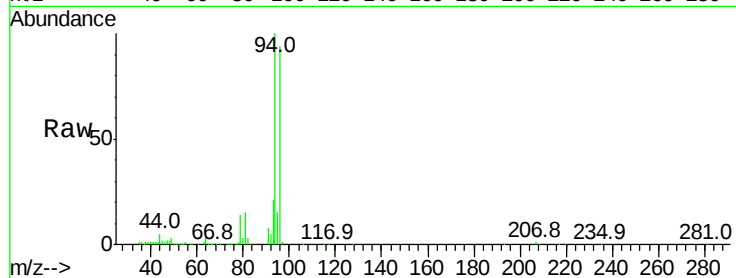
VSTDIC020

Tgt Ion: 94 Resp: 44265

Ion Ratio Lower Upper

94 100

96 94.2 76.8 115.2



#6

Chloroethane

Concen: 18.814 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW006805.D

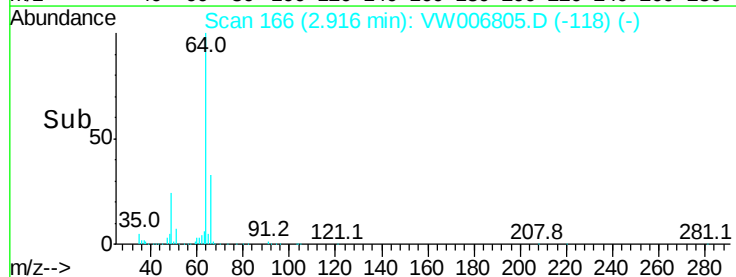
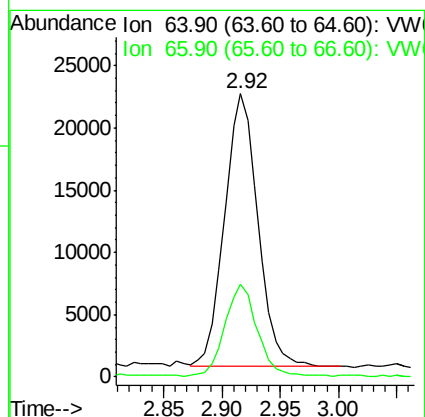
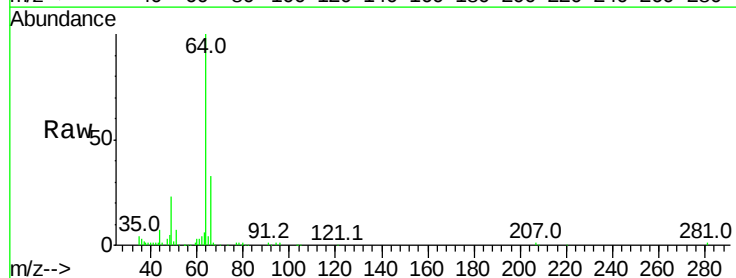
Acq: 12 Nov 2018 13:16

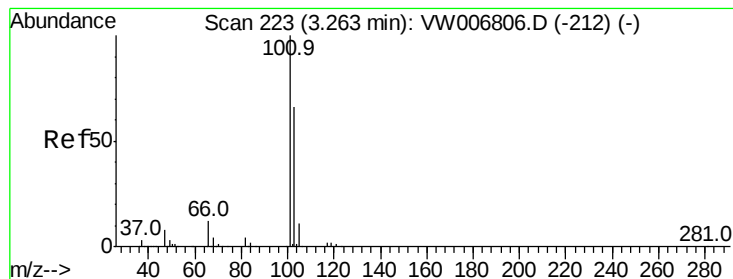
Tgt Ion: 64 Resp: 43620

Ion Ratio Lower Upper

64 100

66 33.5 25.5 38.3





#7

Trichlorofluoromethane

Concen: 21.086 ug/l

RT: 3.26 min Scan# 223

Delta R.T. 0.00 min

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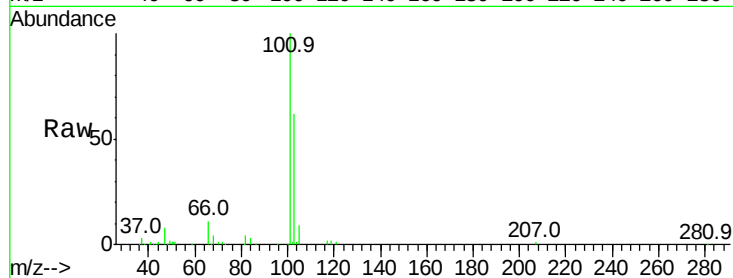
VSTDIC020

Tgt Ion:101 Resp: 93858

Ion Ratio Lower Upper

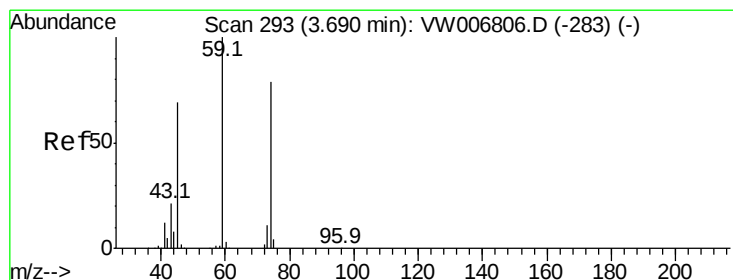
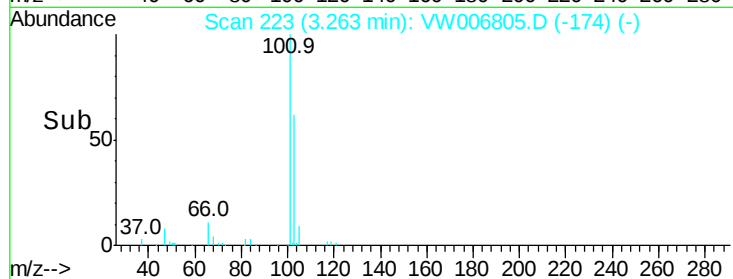
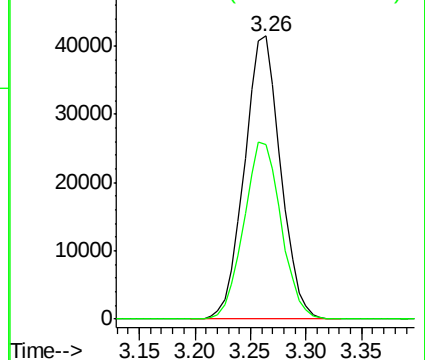
101 100

103 61.7 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: 20.898 ug/l

RT: 3.69 min Scan# 293

Delta R.T. 0.00 min

Lab File: VW006805.D

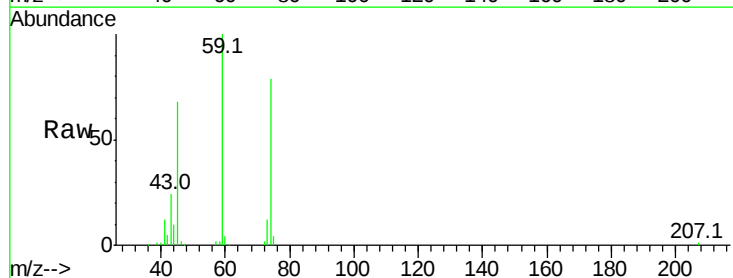
Acq: 12 Nov 2018 13:16

Tgt Ion: 74 Resp: 27062

Ion Ratio Lower Upper

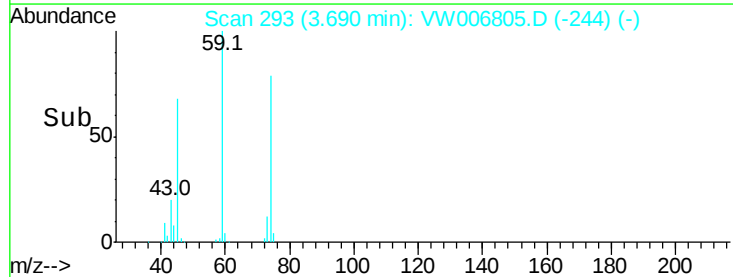
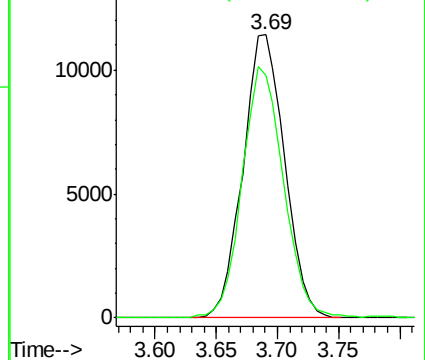
74 100

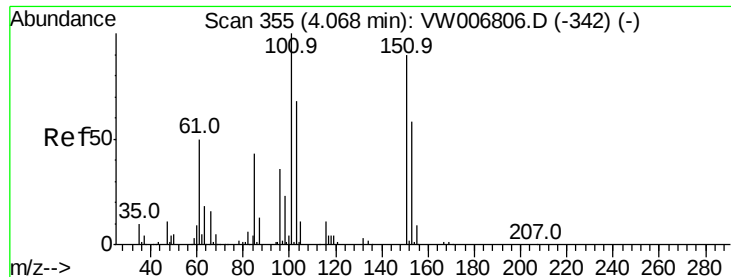
45 88.2 43.1 129.4



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: 21.370 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.00 min

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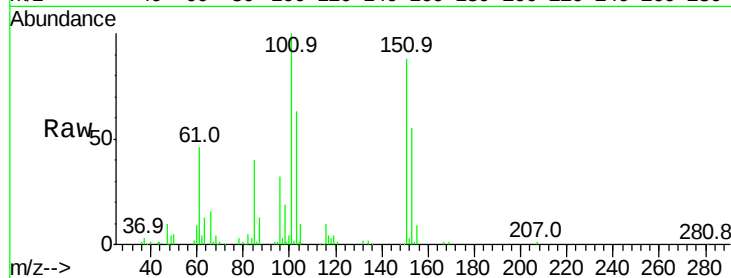
Tgt Ion:101 Resp: 63206

Ion Ratio Lower Upper

101 100

85 41.8 33.8 50.8

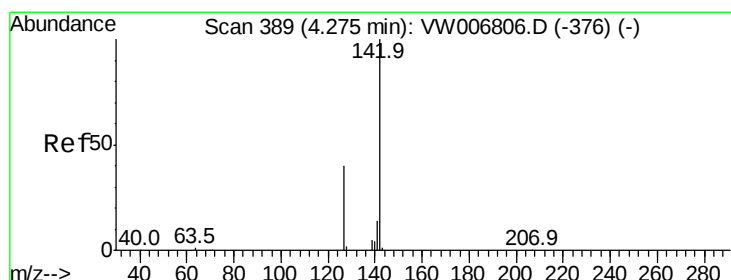
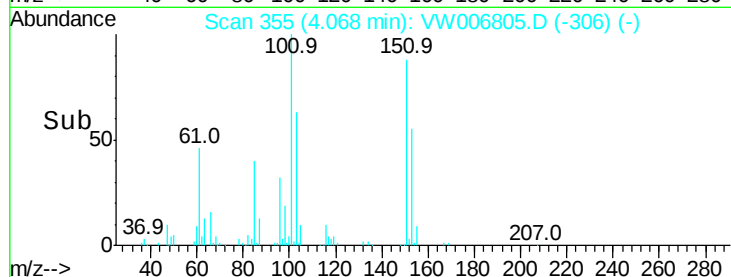
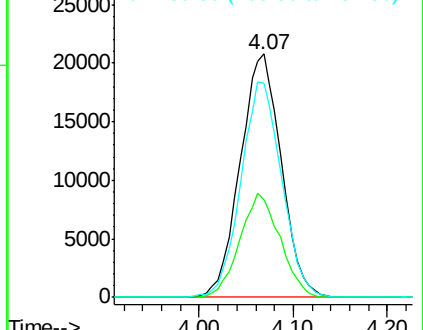
151 88.0 71.4 107.0



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: 20.625 ug/l

RT: 4.28 min Scan# 389

Delta R.T. 0.00 min

Lab File: VW006805.D

Acq: 12 Nov 2018 13:16

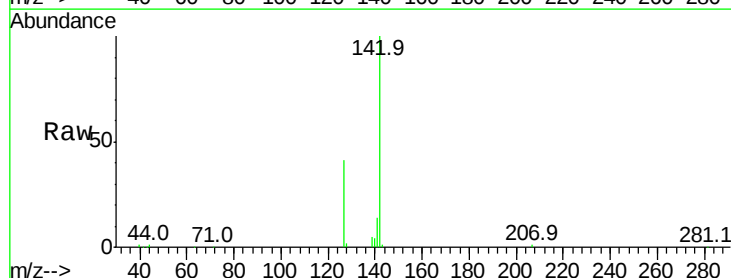
Tgt Ion:142 Resp: 84750

Ion Ratio Lower Upper

142 100

127 40.2 31.8 47.8

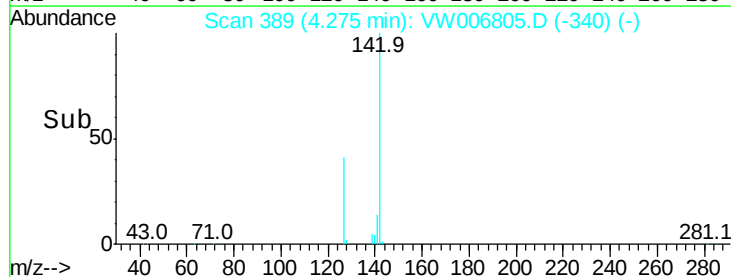
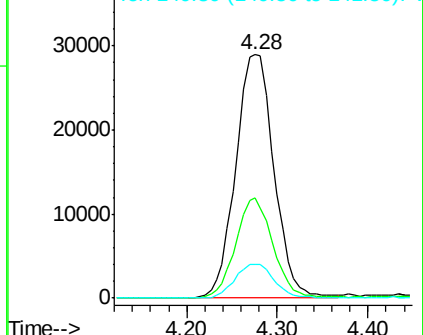
141 14.2 11.5 17.3

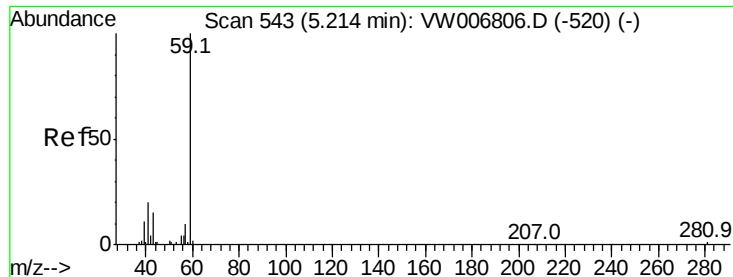


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



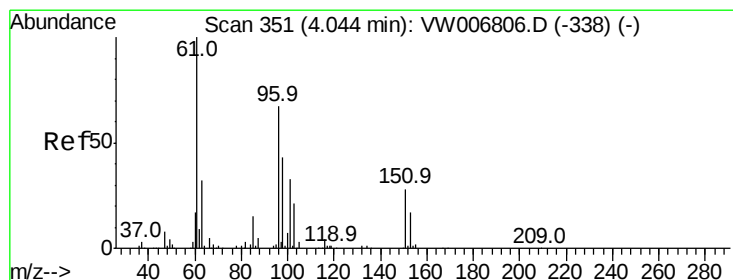
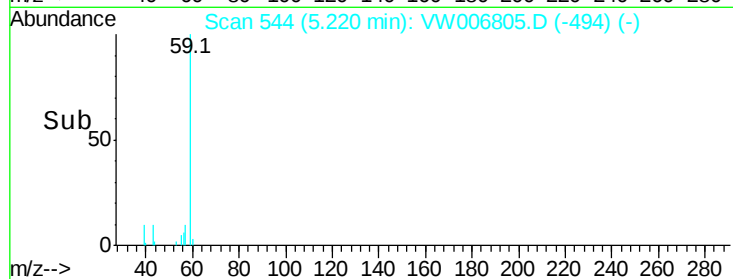
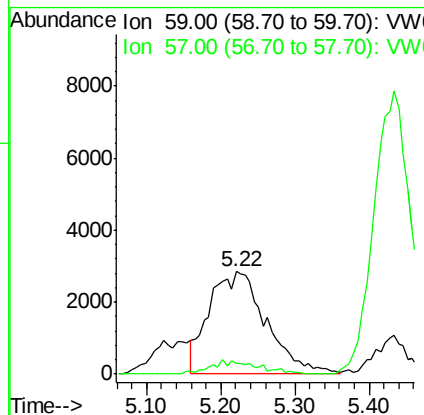
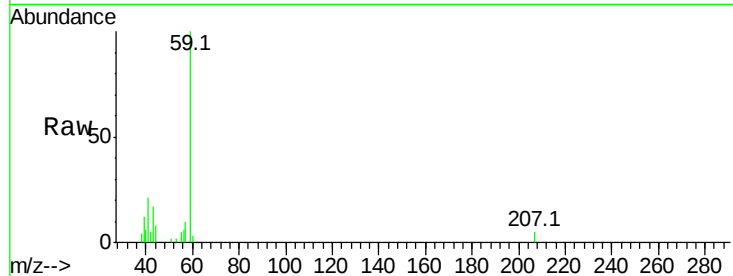


#11

Tert butyl alcohol
Concen: 91.437 ug/l
RT: 5.22 min Scan# 544
Delta R.T. 0.01 min
Lab File: VW006805.D
Acq: 12 Nov 2018 13:16

Instrument :
MSVOA_W
ClientSampled :
VSTDIC020

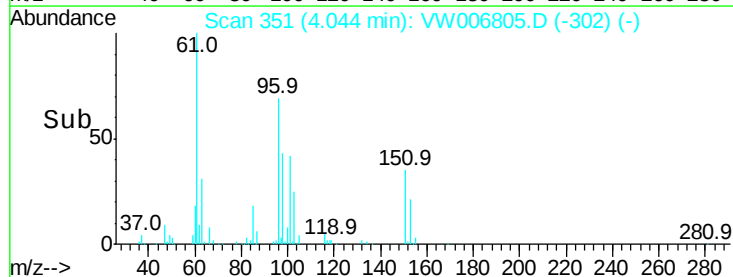
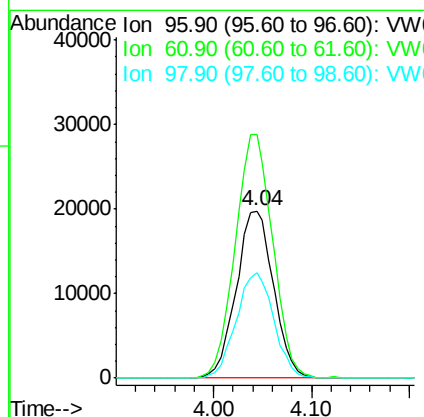
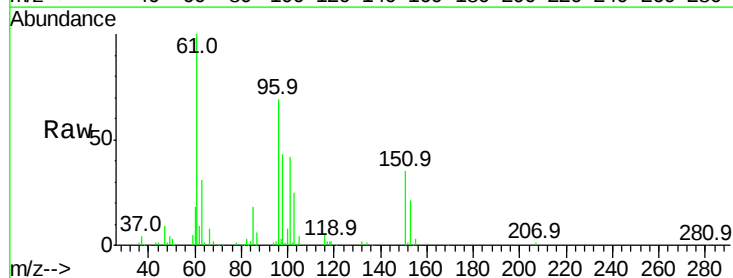
Tgt Ion: 59 Resp: 15227
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

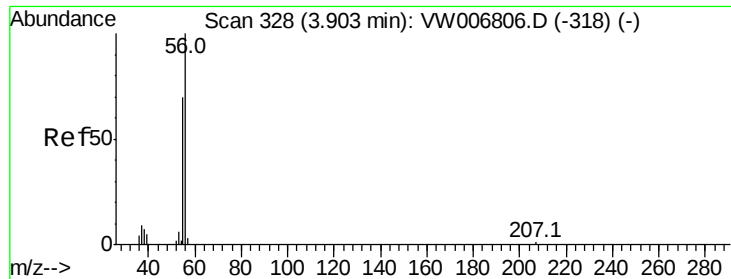


#12

1,1-Dichloroethene
Concen: 21.198 ug/l
RT: 4.04 min Scan# 351
Delta R.T. 0.00 min
Lab File: VW006805.D
Acq: 12 Nov 2018 13:16

Tgt Ion: 96 Resp: 52279
Ion Ratio Lower Upper
96 100
61 145.8 119.8 179.6
98 63.0 51.5 77.3

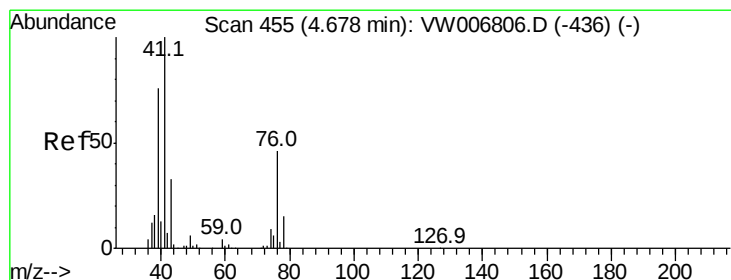
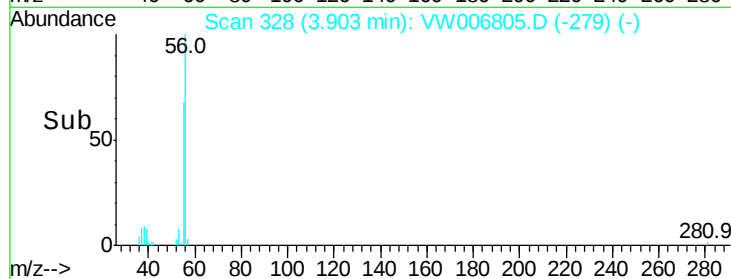
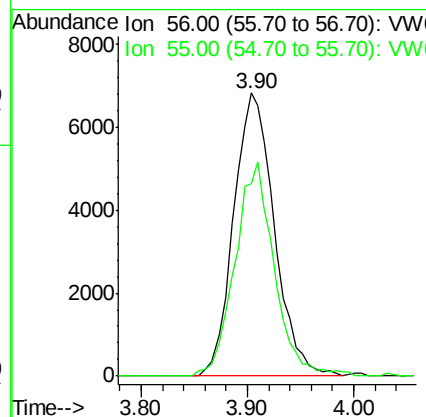
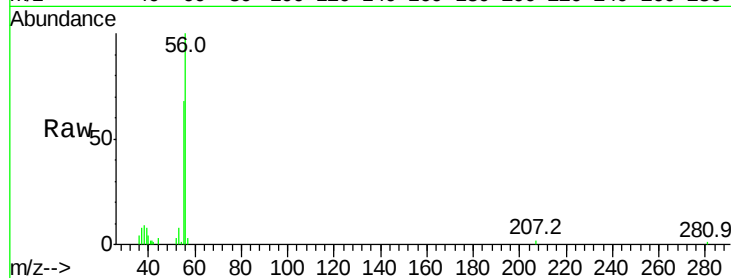




#13
Acrolein
Concen: 105.161 ug/l
RT: 3.90 min Scan# 328
Delta R.T. 0.00 min
Lab File: VW006805.D
Acq: 12 Nov 2018 13:16

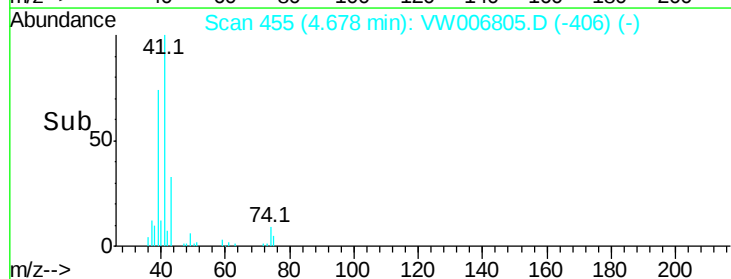
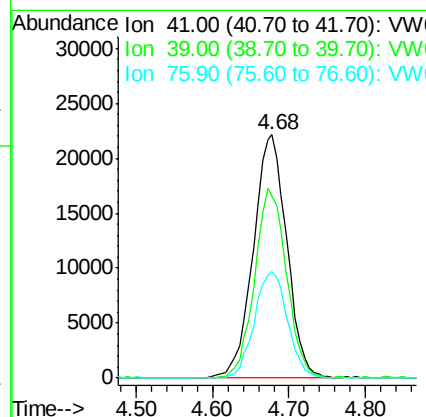
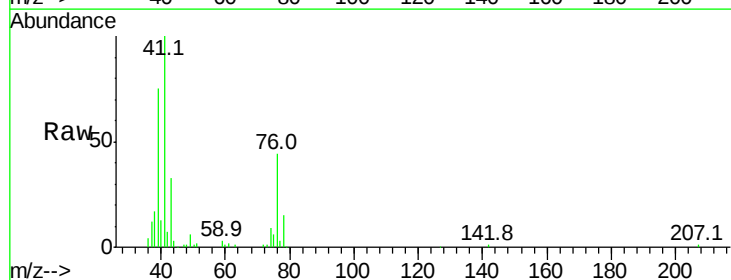
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

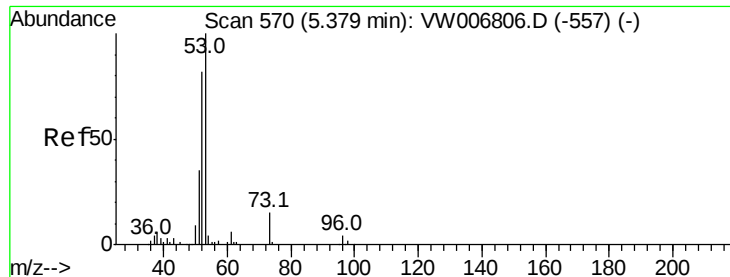
Tgt Ion: 56 Resp: 18239
Ion Ratio Lower Upper
56 100
55 73.0 56.1 84.1



#14
Allyl chloride
Concen: 20.307 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.00 min
Lab File: VW006805.D
Acq: 12 Nov 2018 13:16

Tgt Ion: 41 Resp: 67514
Ion Ratio Lower Upper
41 100
39 74.4 58.9 88.3
76 43.2 34.4 51.6





#15

Acrylonitrile

Concen: 92.922 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.00 min

Lab File: VW006805.D

Acq: 12 Nov 2018 13:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

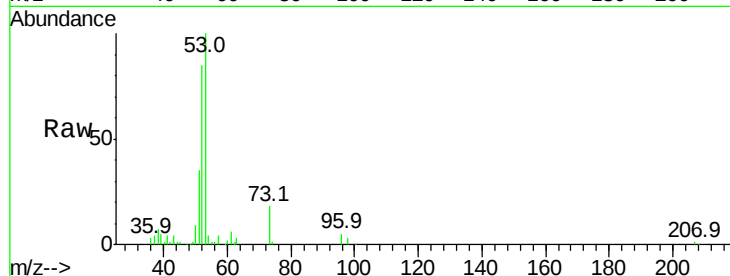
Tgt Ion: 53 Resp: 48164

Ion Ratio Lower Upper

53 100

52 82.8 65.2 97.8

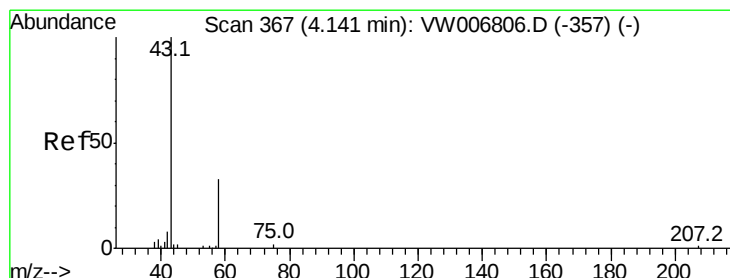
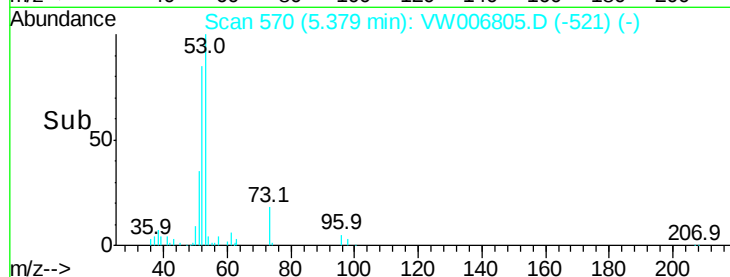
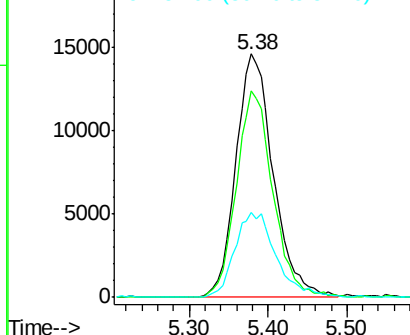
51 38.4 30.0 45.0



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: 91.942 ug/l

RT: 4.15 min Scan# 369

Delta R.T. 0.01 min

Lab File: VW006805.D

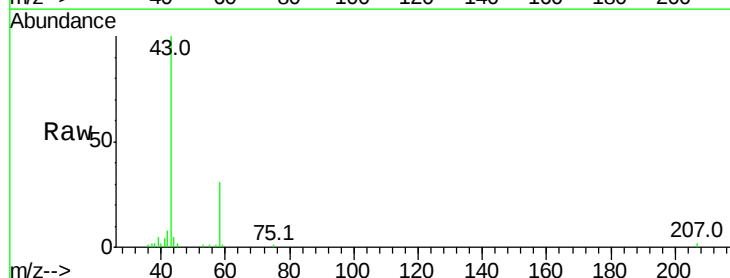
Acq: 12 Nov 2018 13:16

Tgt Ion: 43 Resp: 33674

Ion Ratio Lower Upper

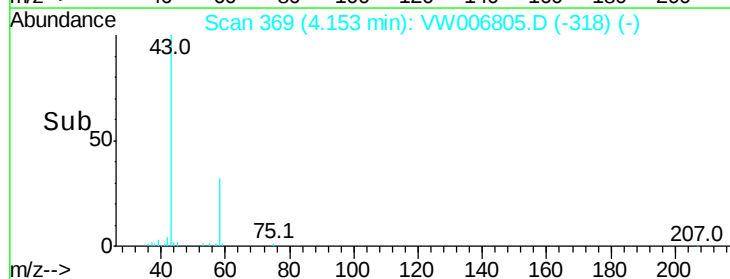
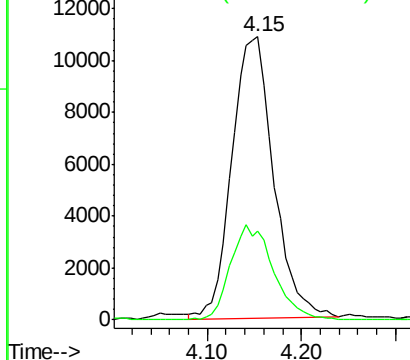
43 100

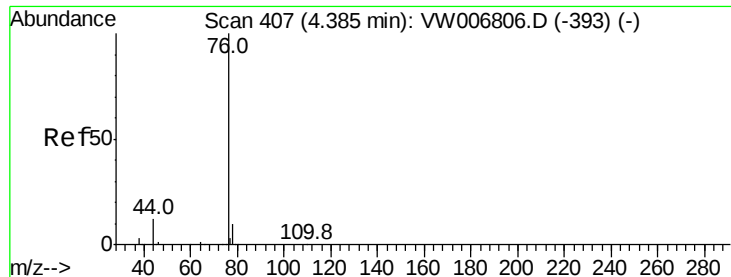
58 31.6 26.5 39.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 19.978 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW006805.D

Acq: 12 Nov 2018 13:16

Instrument :

MSVOA_W

ClientSampleId :

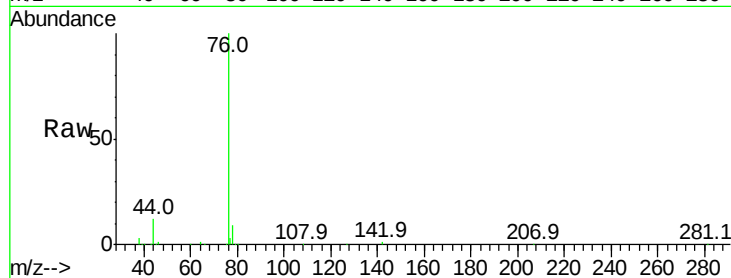
VSTDIC020

Tgt Ion: 76 Resp: 162533

Ion Ratio Lower Upper

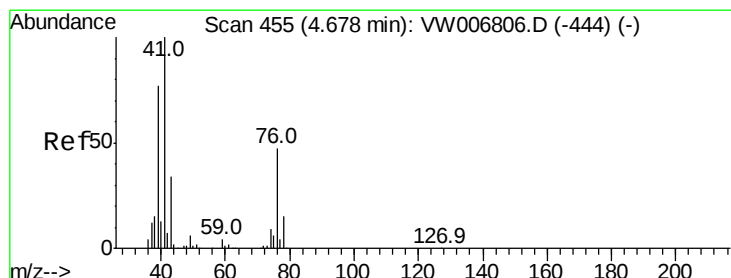
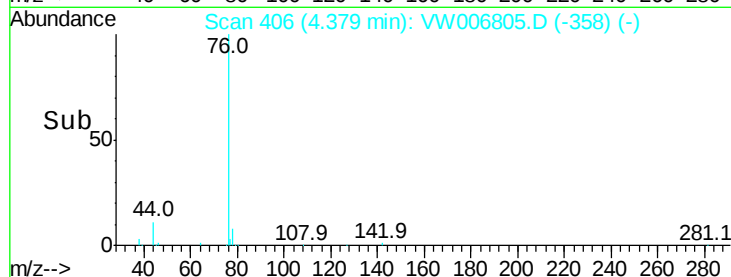
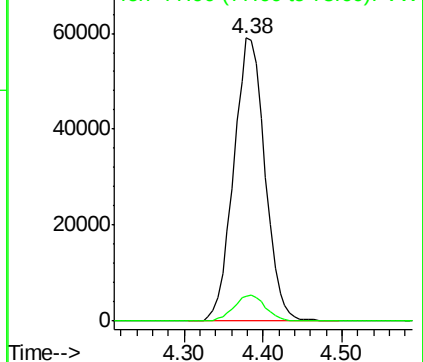
76 100

78 8.8 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: 18.484 ug/l

RT: 4.68 min Scan# 456

Delta R.T. 0.01 min

Lab File: VW006805.D

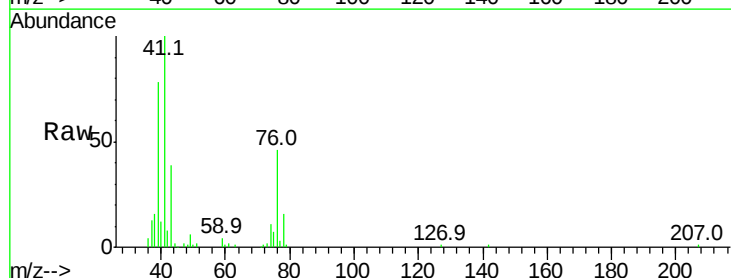
Acq: 12 Nov 2018 13:16

Tgt Ion: 43 Resp: 23757

Ion Ratio Lower Upper

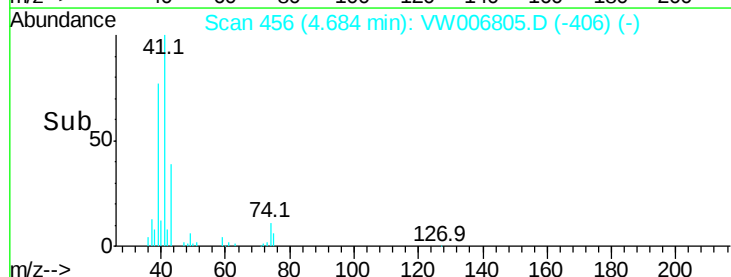
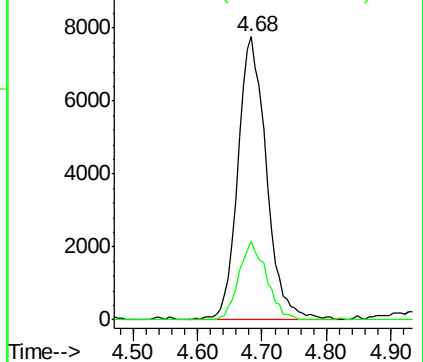
43 100

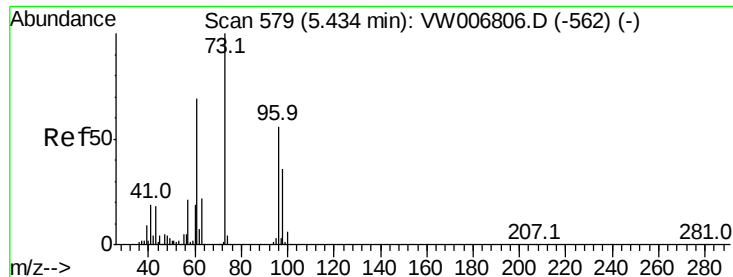
74 26.9 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

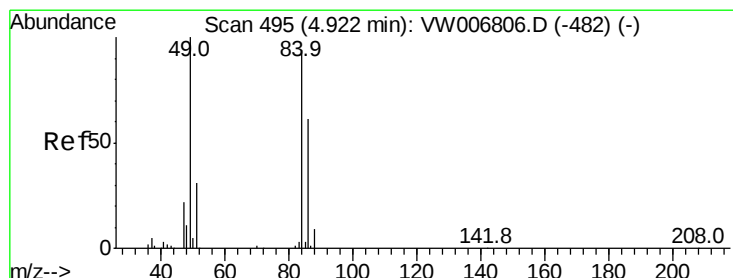
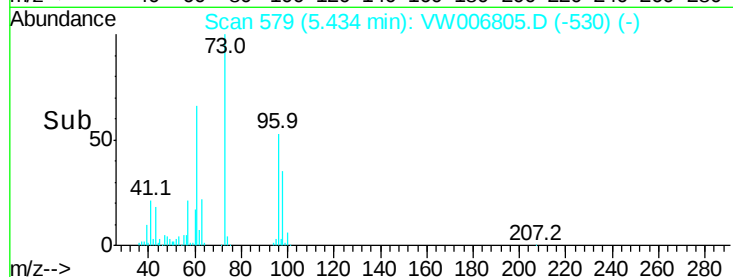
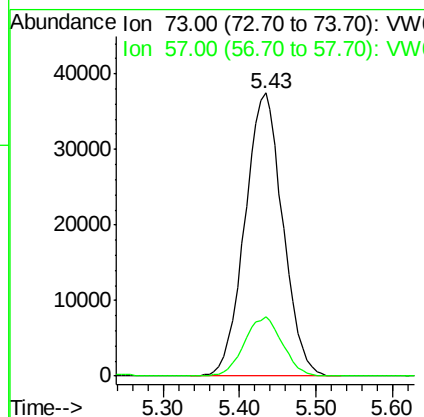
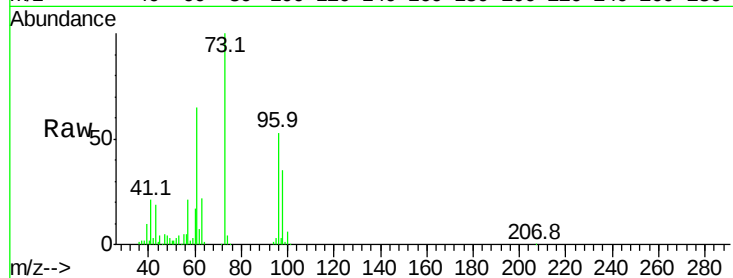




#19
Methyl tert-butyl Ether
Concen: 21.339 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.00 min
Lab File: VW006805.D
Acq: 12 Nov 2018 13:16

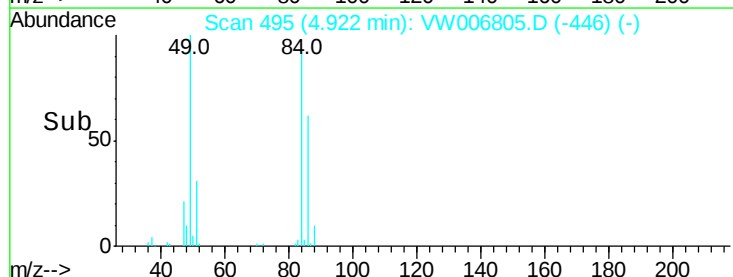
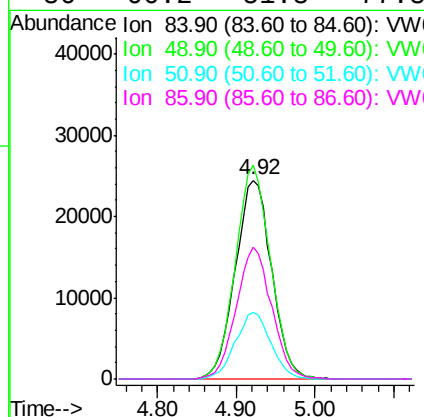
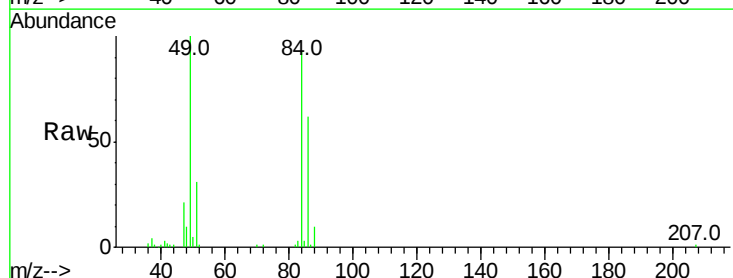
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

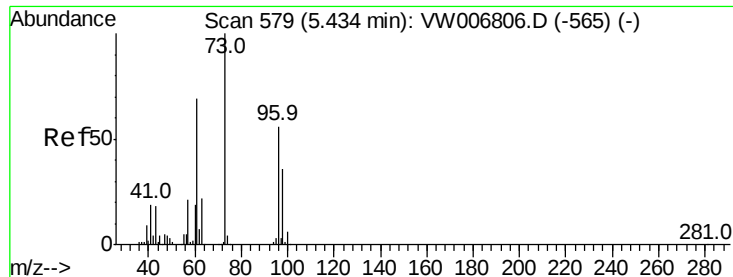
Tgt Ion: 73 Resp: 128898
Ion Ratio Lower Upper
73 100
57 21.0 16.8 25.2



#20
Methylene Chloride
Concen: 22.187 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW006805.D
Acq: 12 Nov 2018 13:16

Tgt Ion: 84 Resp: 78557
Ion Ratio Lower Upper
84 100
49 107.6 84.8 127.2
51 33.4 26.2 39.4
86 66.2 51.8 77.8





#21

trans-1,2-Dichloroethene

Concen: 20.819 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.01 min

Lab File: VW006805.D

Acq: 12 Nov 2018 13:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

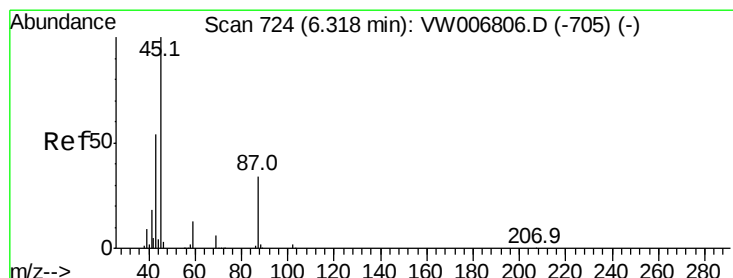
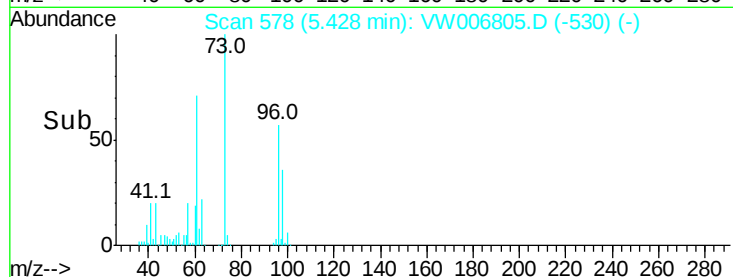
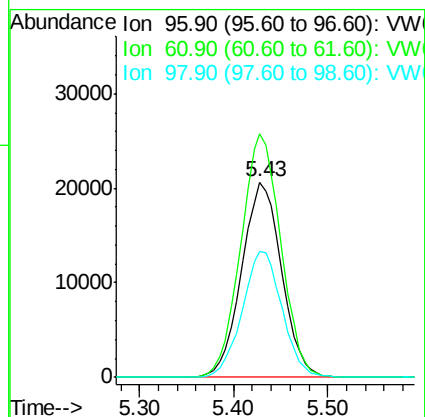
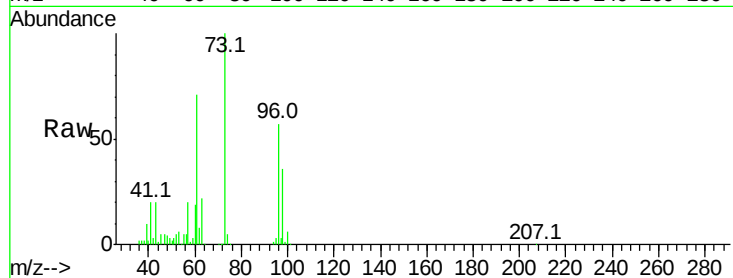
Tgt Ion: 96 Resp: 61414

Ion Ratio Lower Upper

96 100

61 124.6 98.7 148.1

98 64.1 51.2 76.8



#22

Diisopropyl ether

Concen: 21.097 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.00 min

Lab File: VW006805.D

Acq: 12 Nov 2018 13:16

Tgt Ion: 45 Resp: 147816

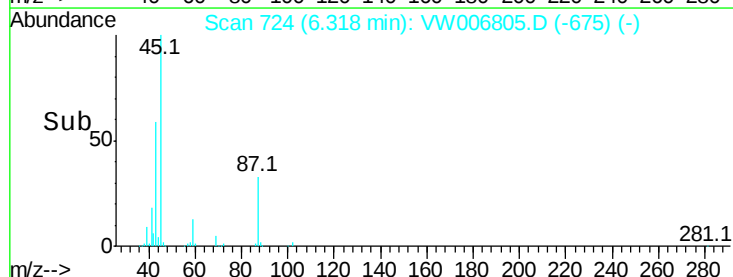
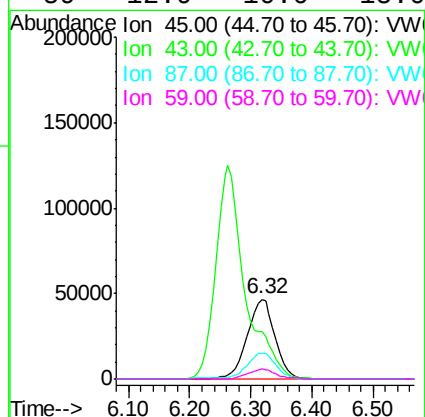
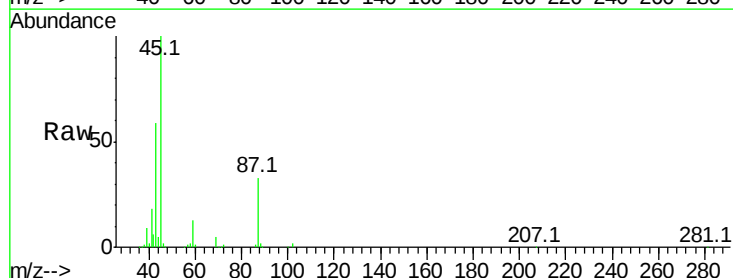
Ion Ratio Lower Upper

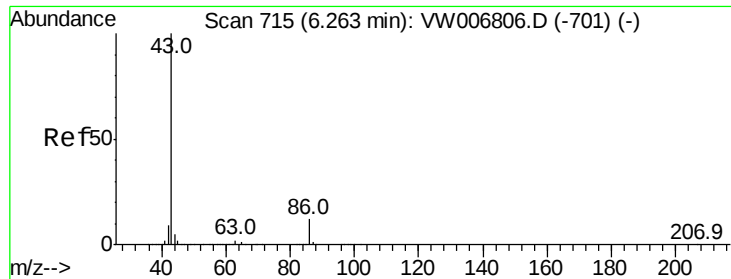
45 100

43 58.3 43.7 65.5

87 32.7 27.2 40.8

59 12.9 10.0 15.0





#23

Vinyl Acetate

Concen: 104.621 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.00 min

Lab File: VW006805.D

Acq: 12 Nov 2018 13:16

Instrument :

MSVOA_W

ClientSampleId :

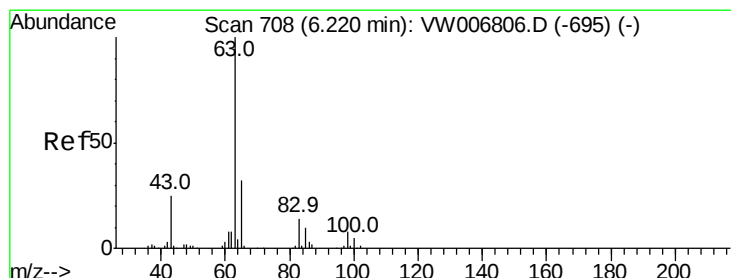
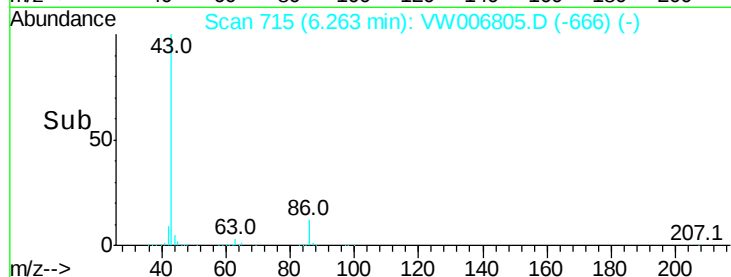
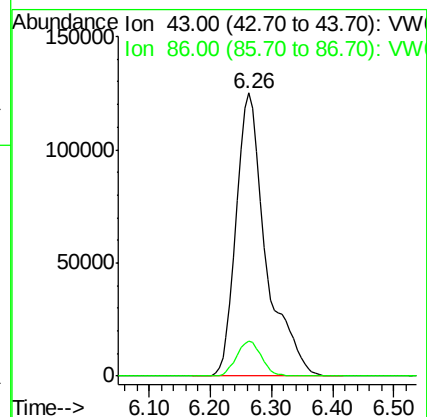
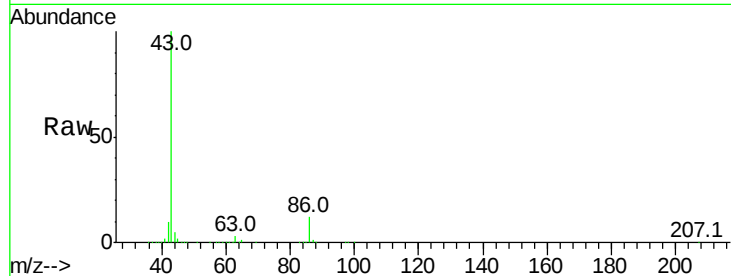
VSTDIC020

Tgt Ion: 43 Resp: 418058

Ion Ratio Lower Upper

43 100

86 12.4 9.6 14.4



#24

1,1-Dichloroethane

Concen: 20.616 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW006805.D

Acq: 12 Nov 2018 13:16

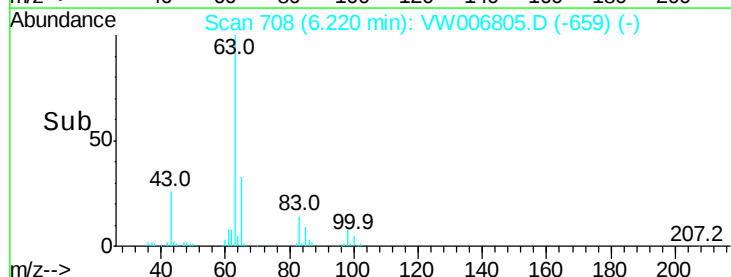
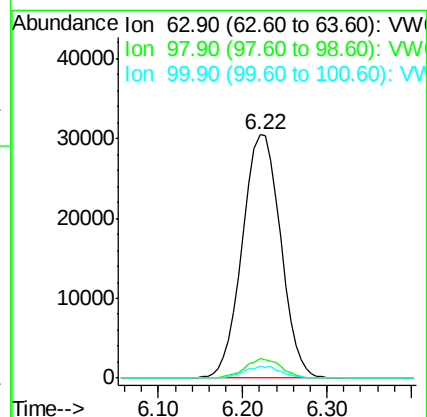
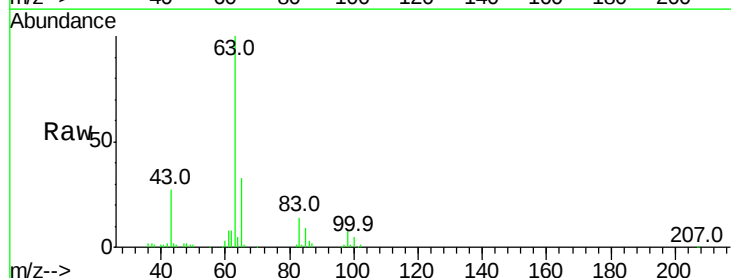
Tgt Ion: 63 Resp: 94489

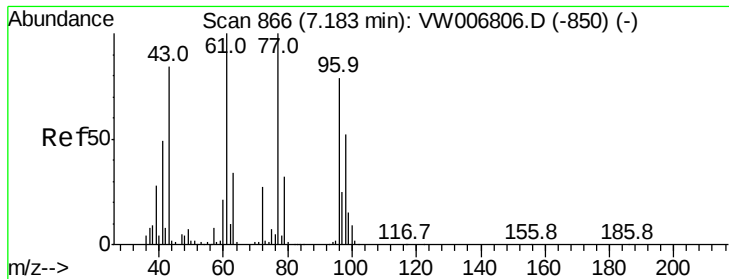
Ion Ratio Lower Upper

63 100

98 8.0 3.9 11.5

100 5.0 2.4 7.2





#25

2-Butanone

Concen: 100.774 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.00 min

Lab File: VW006805.D

Acq: 12 Nov 2018 13:16

Instrument :

MSVOA_W

ClientSampled :

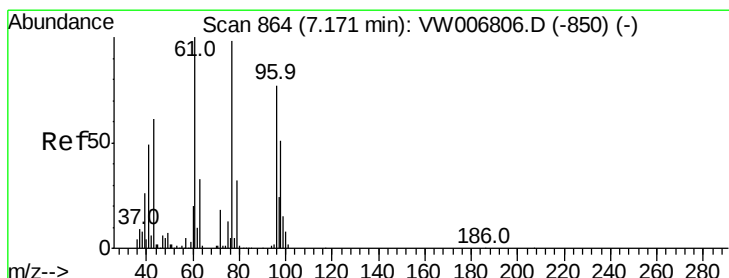
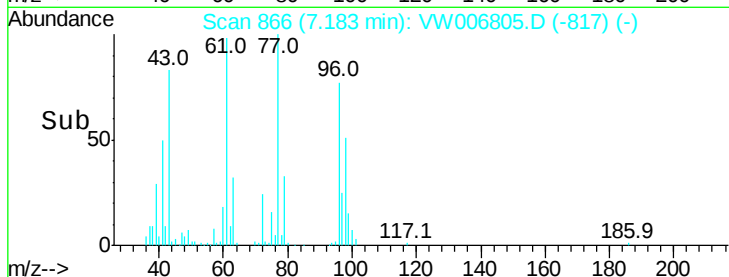
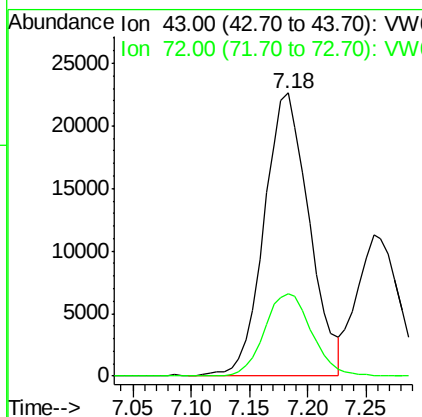
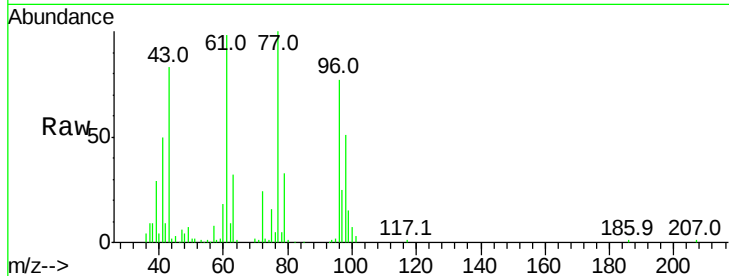
VSTDIC020

Tgt Ion: 43 Resp: 60940

Ion Ratio Lower Upper

43 100

72 29.3 25.3 37.9



#26

2,2-Dichloropropane

Concen: 22.161 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW006805.D

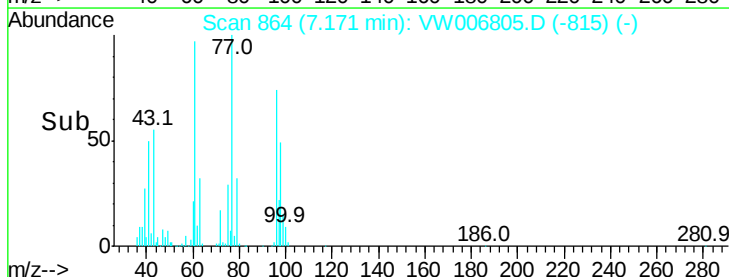
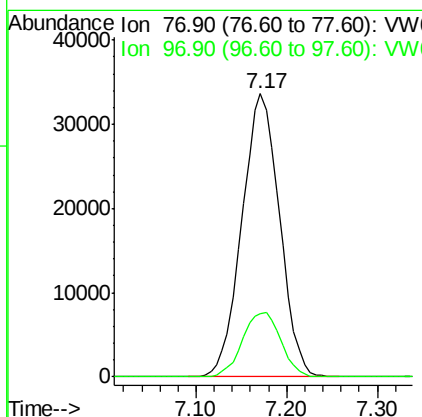
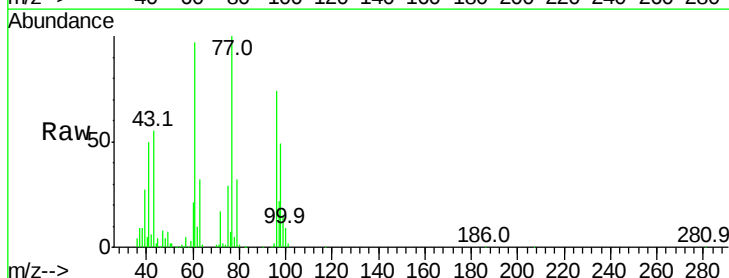
Acq: 12 Nov 2018 13:16

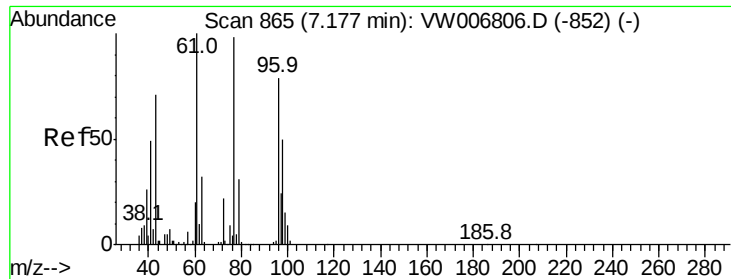
Tgt Ion: 77 Resp: 96773

Ion Ratio Lower Upper

77 100

97 23.2 12.0 36.1



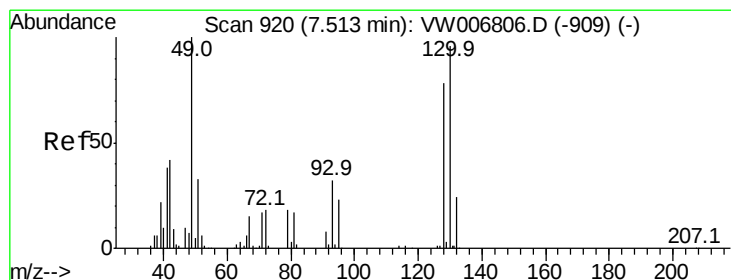
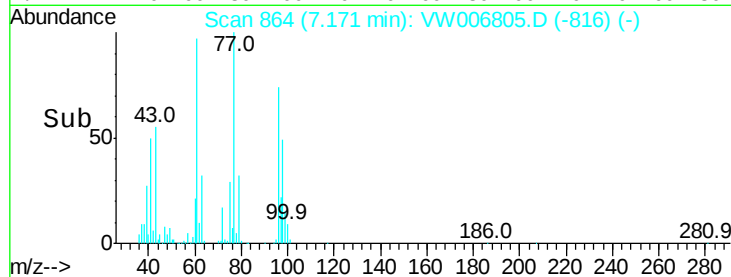
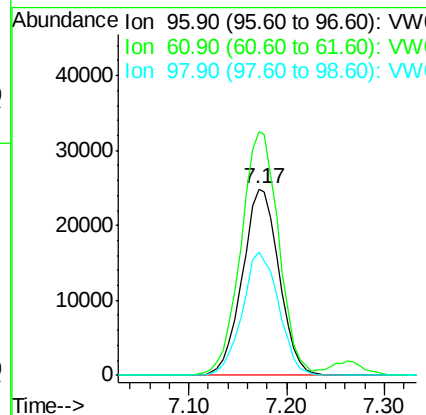
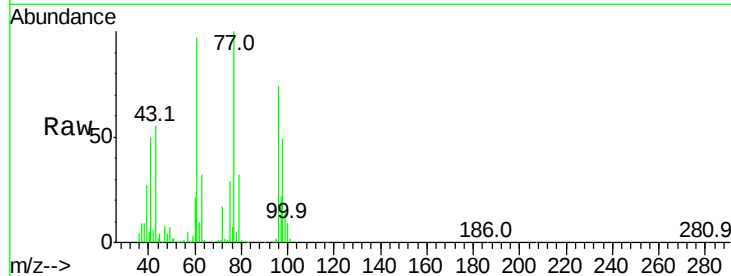


#27

cis-1,2-Dichloroethene
Concen: 20.475 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: VW006805.D
Acq: 12 Nov 2018 13:16

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

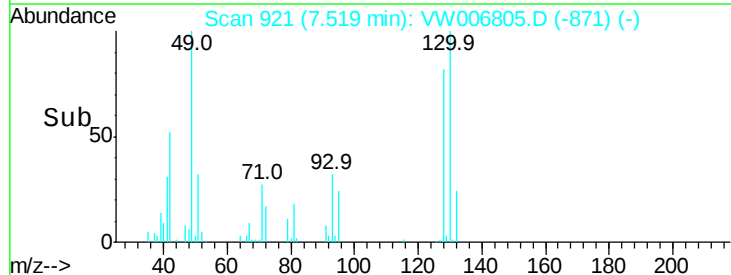
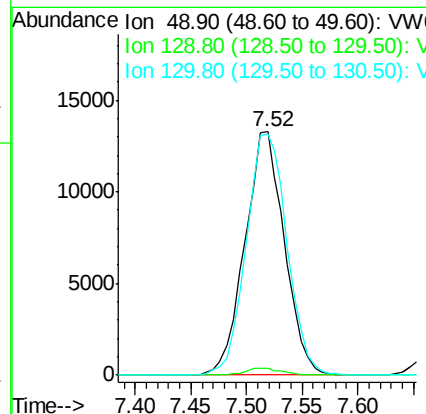
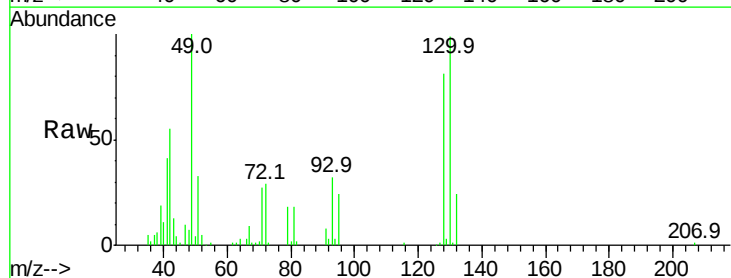
Tgt Ion: 96 Resp: 64720
Ion Ratio Lower Upper
96 100
61 135.0 0.0 264.0
98 65.6 0.0 131.0

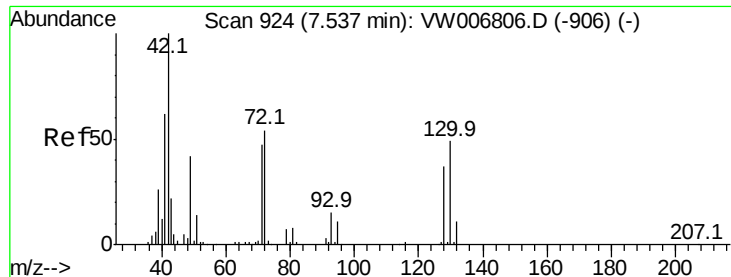


#28

Bromochloromethane
Concen: 19.009 ug/l
RT: 7.52 min Scan# 921
Delta R.T. 0.01 min
Lab File: VW006805.D
Acq: 12 Nov 2018 13:16

Tgt Ion: 49 Resp: 32632
Ion Ratio Lower Upper
49 100
129 2.5 0.0 5.6
130 102.5 83.3 124.9

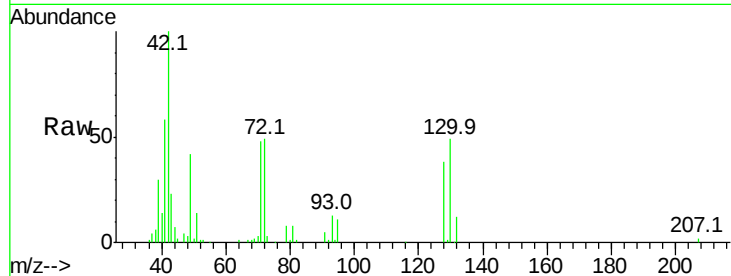




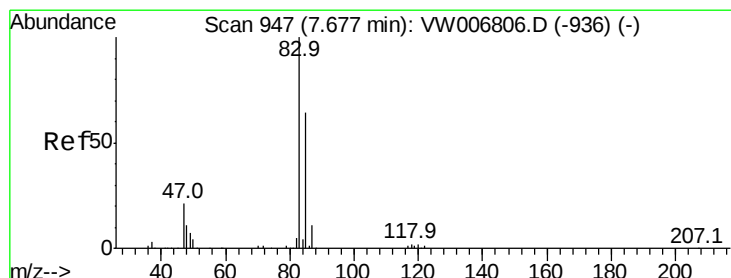
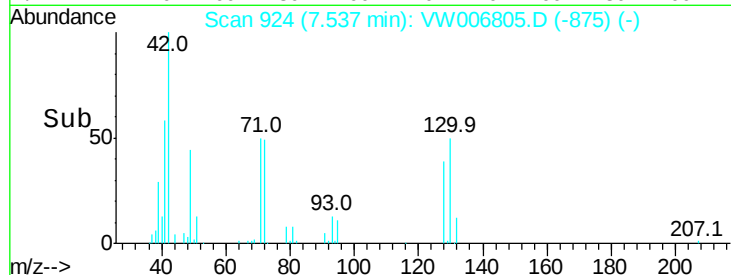
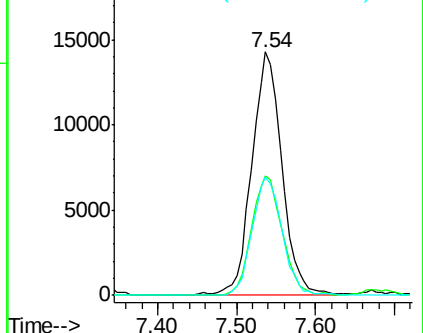
#29
Tetrahydrofuran
Concen: 95.807 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW006805.D
Acq: 12 Nov 2018 13:16

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion: 42 Resp: 37973
Ion Ratio Lower Upper
42 100
72 49.6 40.9 61.3
71 48.0 36.9 55.3

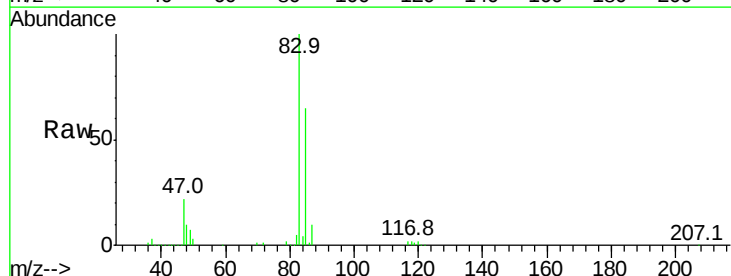


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

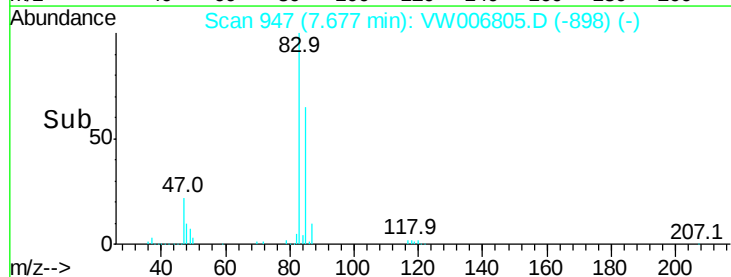
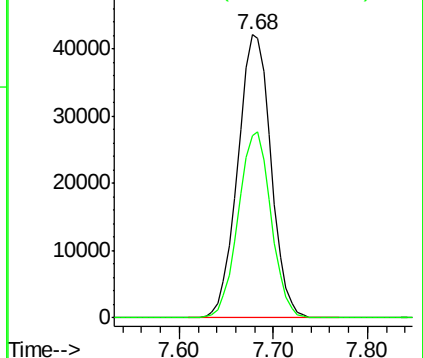


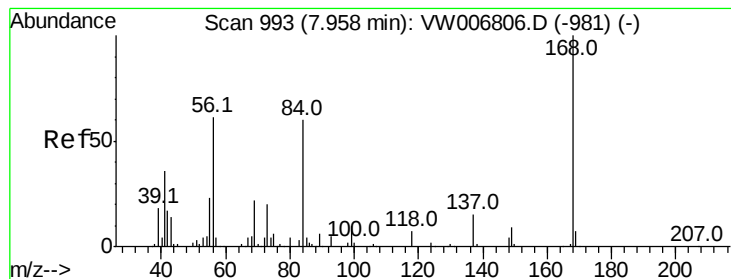
#30
Chloroform
Concen: 20.437 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW006805.D
Acq: 12 Nov 2018 13:16

Tgt Ion: 83 Resp: 103792
Ion Ratio Lower Upper
83 100
85 64.6 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: 21.578 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW006805.D

Acq: 12 Nov 2018 13:16

Instrument :

MSVOA_W

ClientSampled :

VSTDIC020

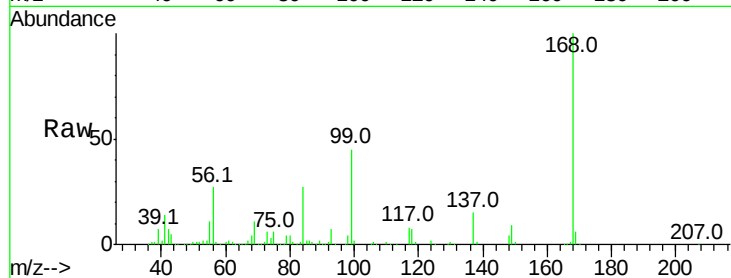
Tgt Ion: 56 Resp: 101856

Ion Ratio Lower Upper

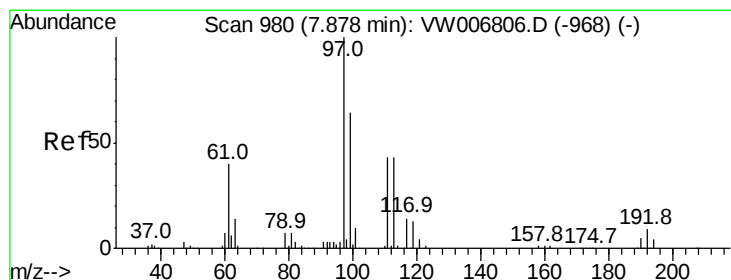
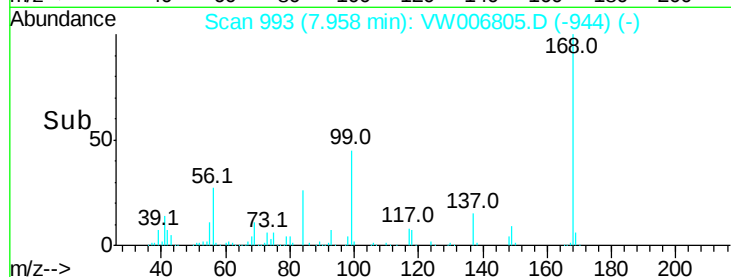
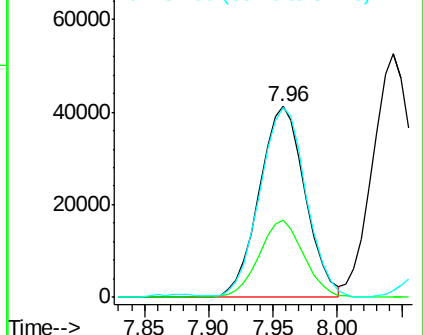
56 100

69 40.5 28.9 43.3

84 98.1 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: 21.639 ug/l

RT: 7.88 min Scan# 980

Delta R.T. 0.00 min

Lab File: VW006805.D

Acq: 12 Nov 2018 13:16

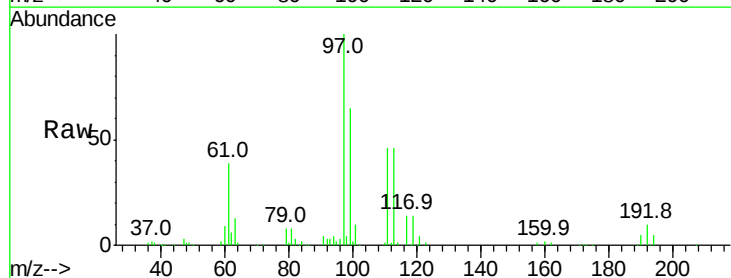
Tgt Ion: 97 Resp: 104297

Ion Ratio Lower Upper

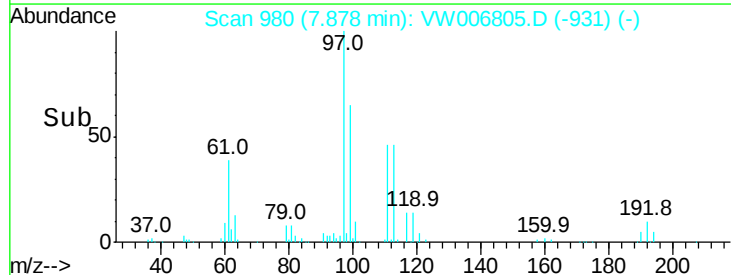
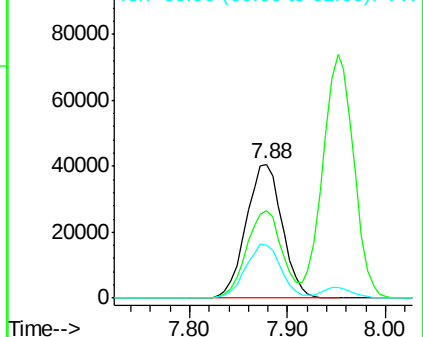
97 100

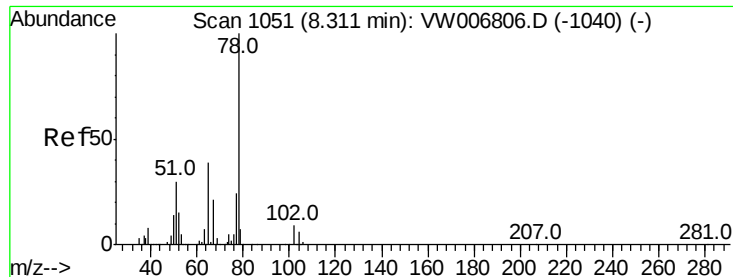
99 63.6 51.6 77.4

61 39.5 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: 20.498 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006805.D

Acq: 12 Nov 2018 13:16

Instrument :

MSVOA_W

ClientSampled :

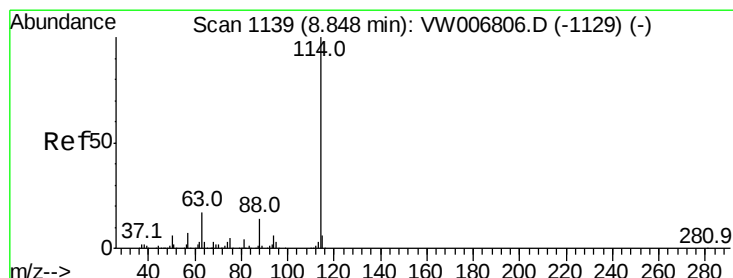
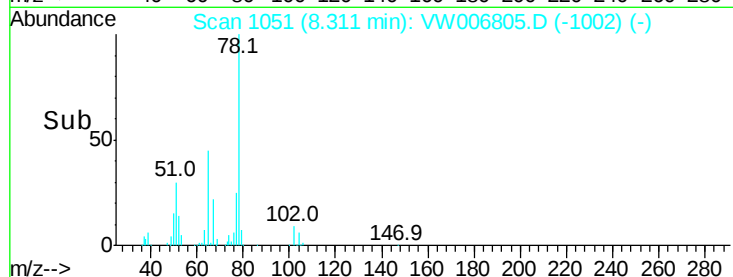
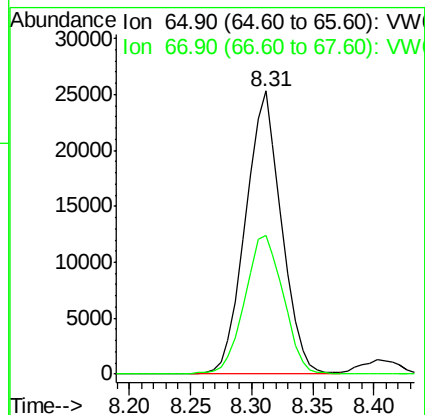
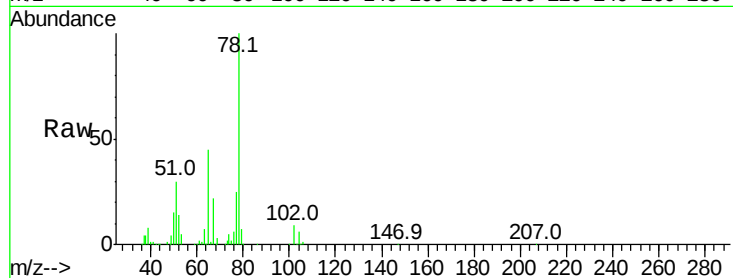
VSTDIC020

Tgt Ion: 65 Resp: 51864

Ion Ratio Lower Upper

65 100

67 52.6 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW006805.D

Acq: 12 Nov 2018 13:16

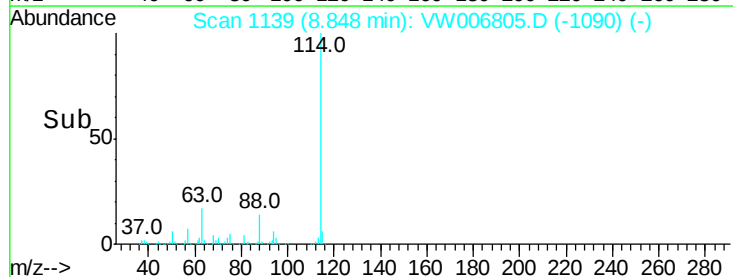
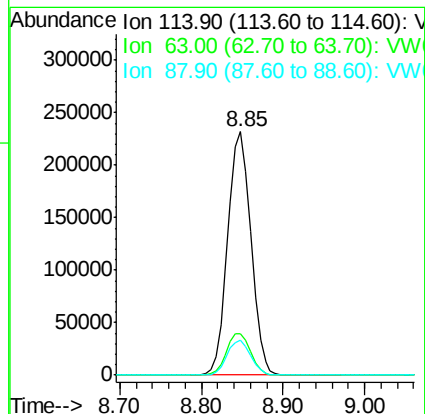
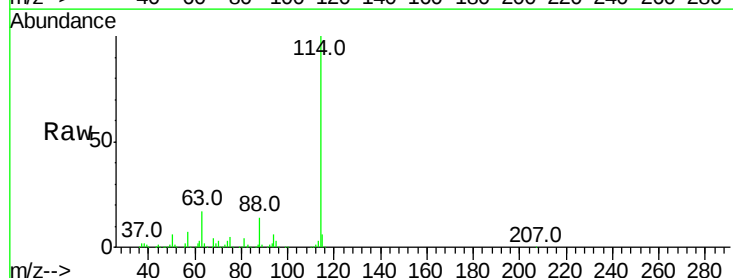
Tgt Ion: 114 Resp: 455284

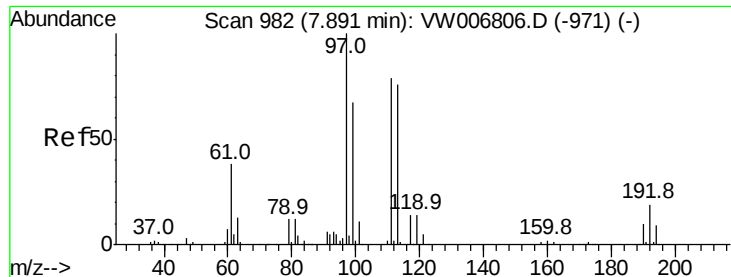
Ion Ratio Lower Upper

114 100

63 16.9 0.0 33.6

88 14.2 0.0 28.4

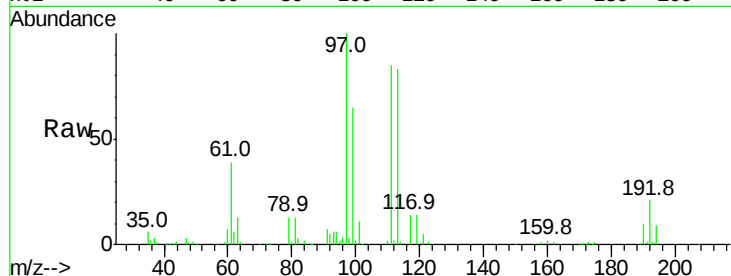




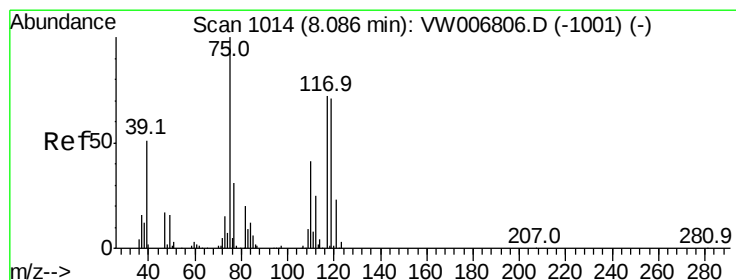
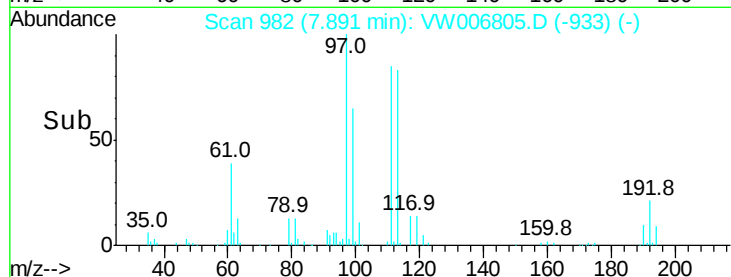
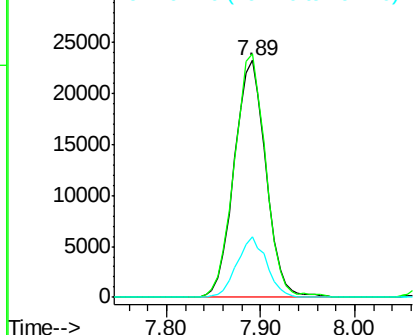
#35
 Dibromofluoromethane
 Concen: 21.108 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW006805.D
 Acq: 12 Nov 2018 13:16

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tgt Ion:113 Resp: 54698
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.0 121.6
 192 24.1 19.0 28.6

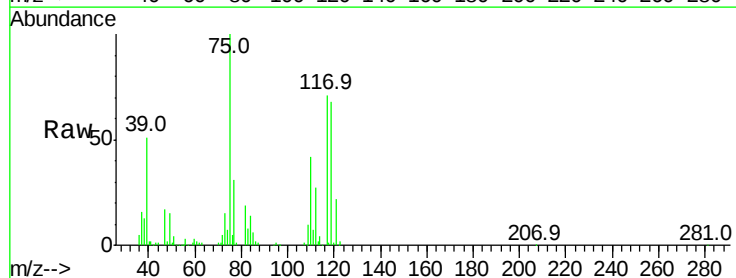


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

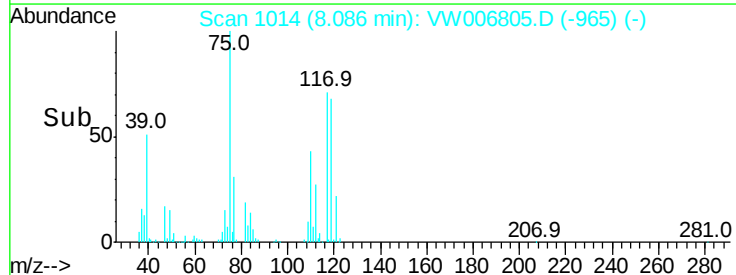
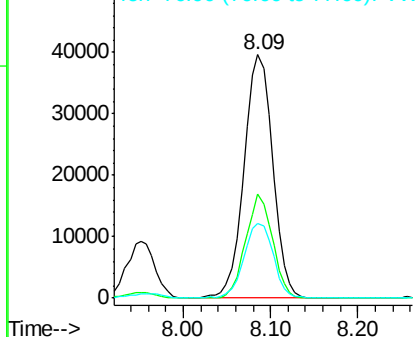


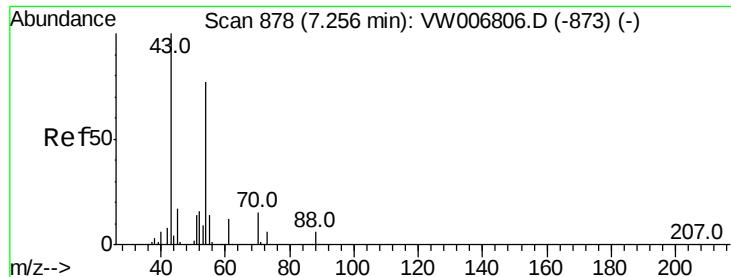
#36
 1,1-Dichloropropene
 Concen: 21.882 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW006805.D
 Acq: 12 Nov 2018 13:16

Tgt Ion: 75 Resp: 90402
 Ion Ratio Lower Upper
 75 100
 110 39.8 19.9 59.6
 77 31.4 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: 19.913 ug/l

RT: 7.26 min Scan# 878

Delta R.T. 0.00 min

Lab File: VW006805.D

Acq: 12 Nov 2018 13:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

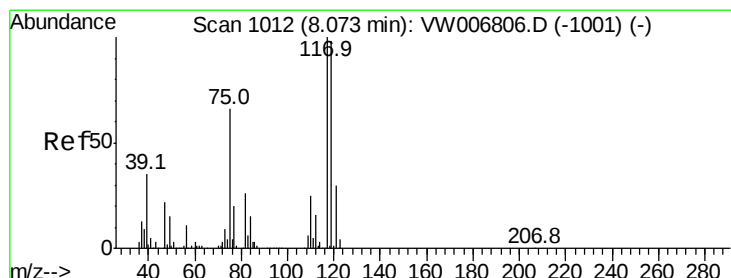
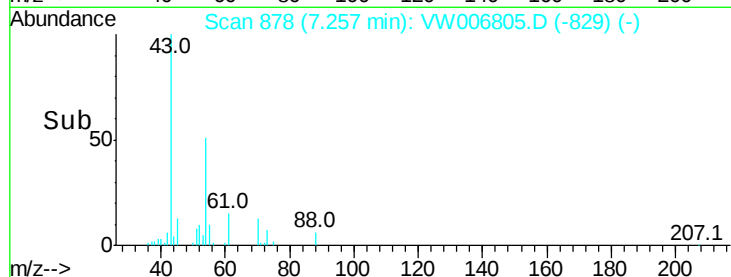
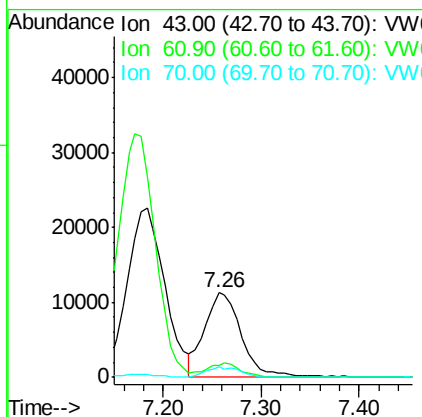
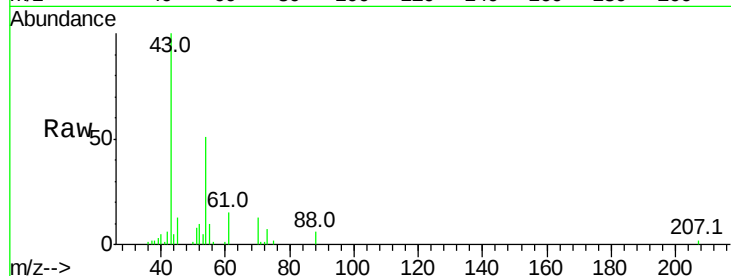
Tgt Ion: 43 Resp: 29215

Ion Ratio Lower Upper

43 100

61 14.9 11.7 17.5

70 11.8 10.0 15.0



#38

Carbon Tetrachloride

Concen: 21.917 ug/l

RT: 8.07 min Scan# 1012

Delta R.T. 0.00 min

Lab File: VW006805.D

Acq: 12 Nov 2018 13:16

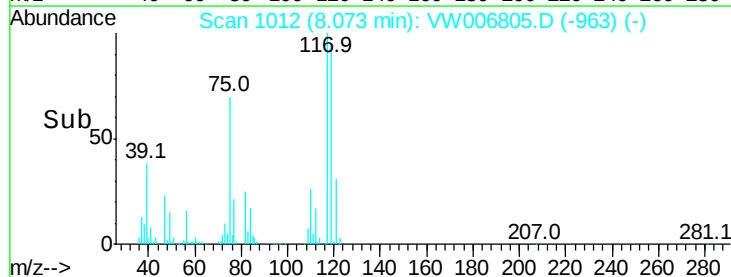
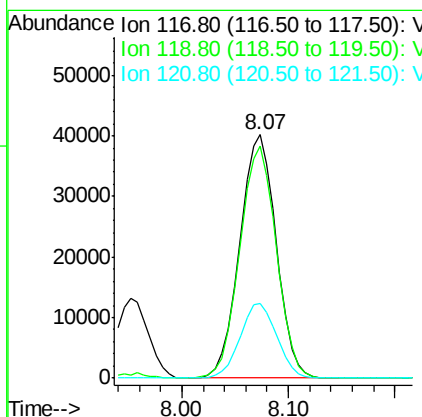
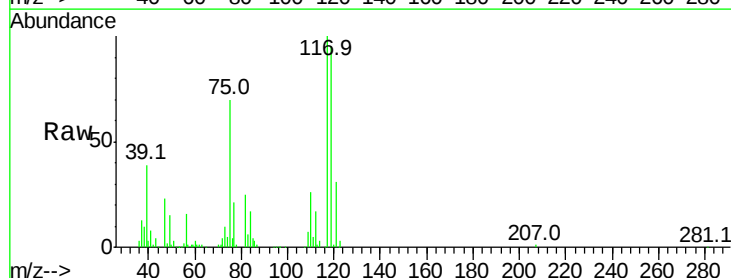
Tgt Ion: 117 Resp: 96744

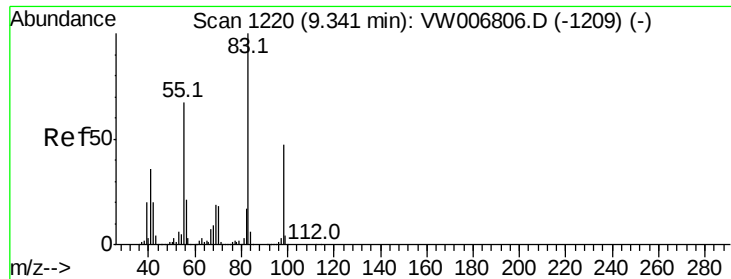
Ion Ratio Lower Upper

117 100

119 95.2 78.5 117.7

121 30.8 24.2 36.2

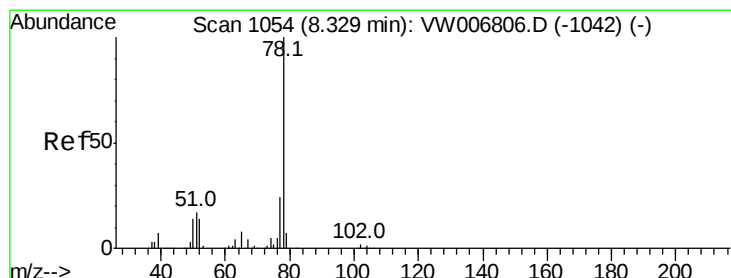
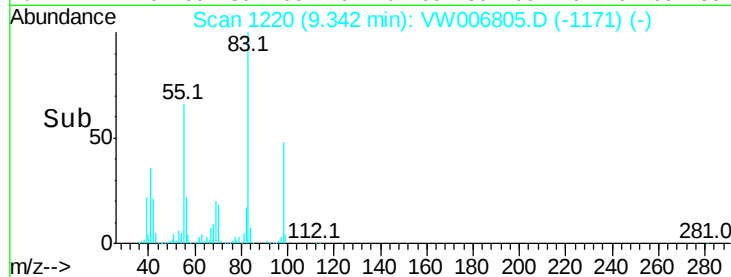
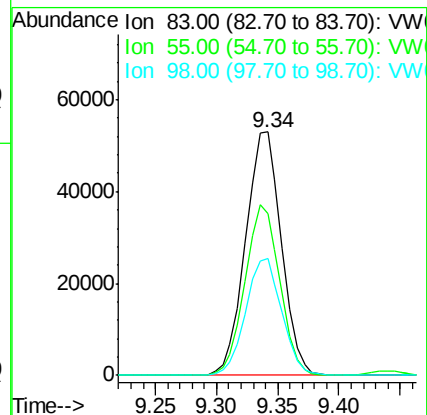
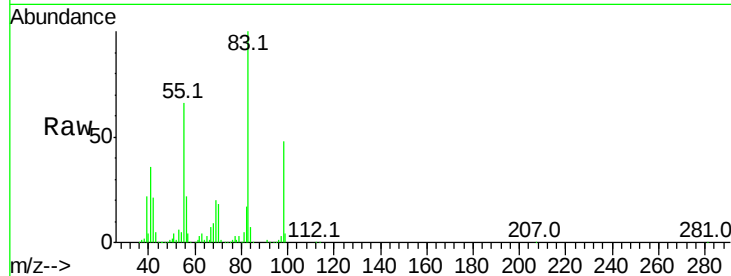




#39
Methylcyclohexane
Concen: 20.550 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.00 min
Lab File: VW006805.D
Acq: 12 Nov 2018 13:16

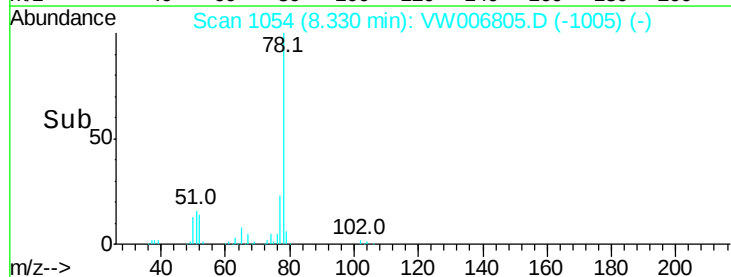
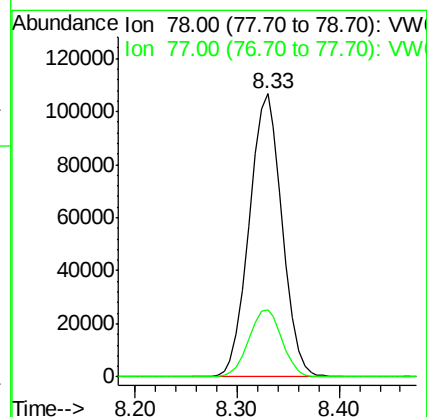
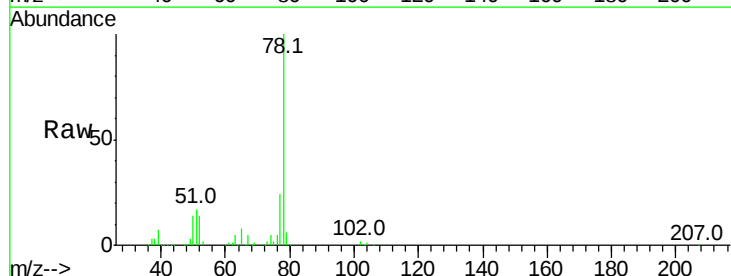
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

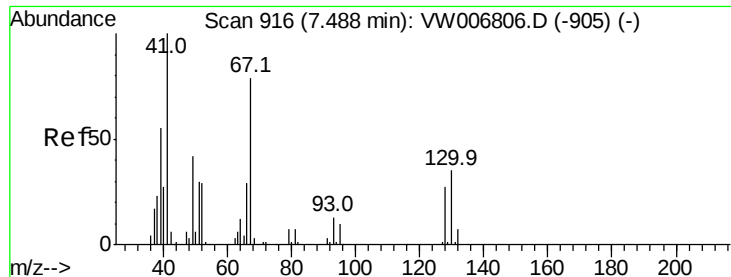
Tgt Ion: 83 Resp: 108093
Ion Ratio Lower Upper
83 100
55 66.4 53.3 79.9
98 47.9 37.9 56.9



#40
Benzene
Concen: 20.417 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW006805.D
Acq: 12 Nov 2018 13:16

Tgt Ion: 78 Resp: 238182
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.6





#41

Methacrylonitrile

Concen: 20.388 ug/l

RT: 7.49 min Scan# 916

Delta R.T. 0.00 min

Lab File: VW006805.D

Acq: 12 Nov 2018 13:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tgt Ion: 41 Resp: 17354

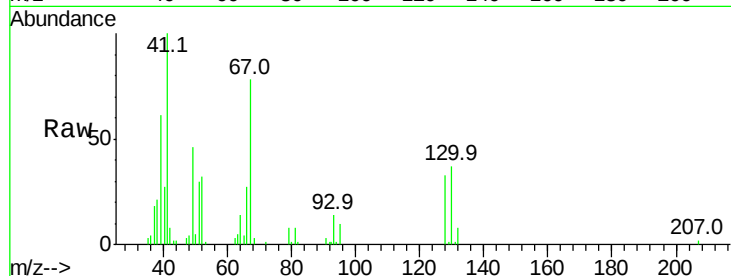
Ion Ratio Lower Upper

41 100

39 50.7 48.1 72.1

67 77.7 61.4 92.2

52 31.5 23.2 34.8

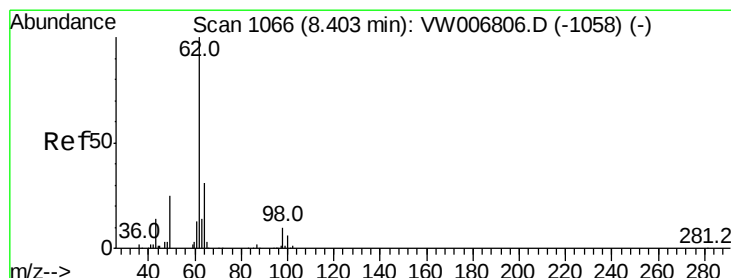
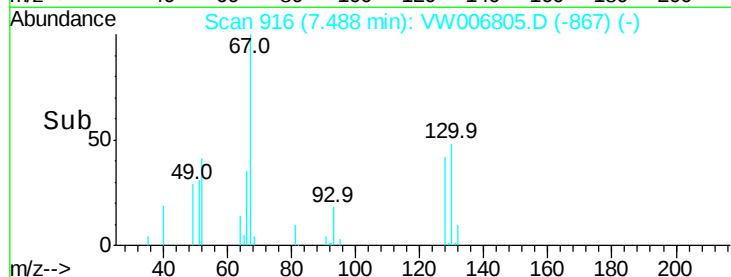
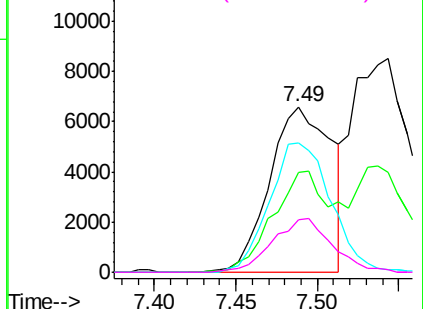


Abundance Ion 41.00 (40.70 to 41.70): VW

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: 20.437 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. 0.00 min

Lab File: VW006805.D

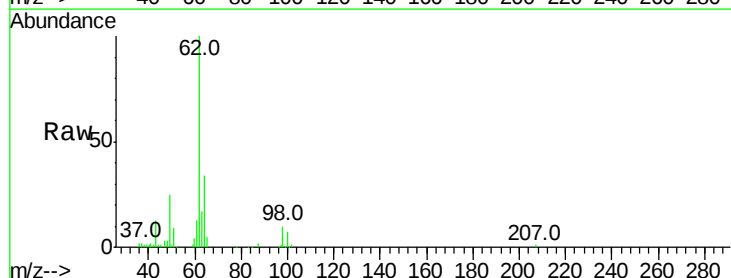
Acq: 12 Nov 2018 13:16

Tgt Ion: 62 Resp: 64898

Ion Ratio Lower Upper

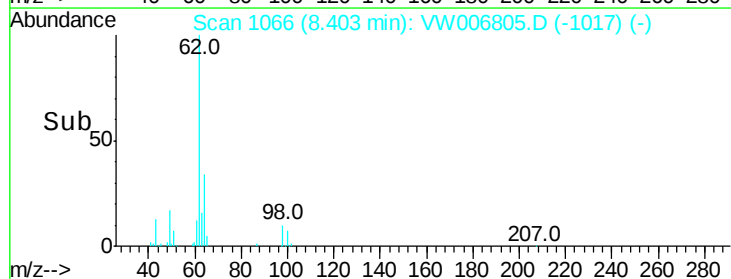
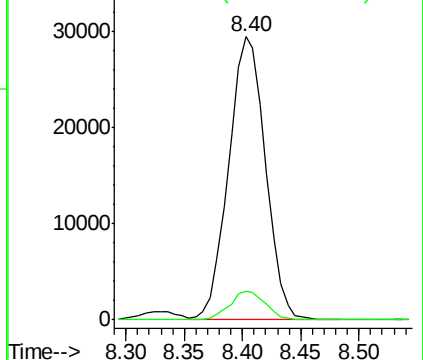
62 100

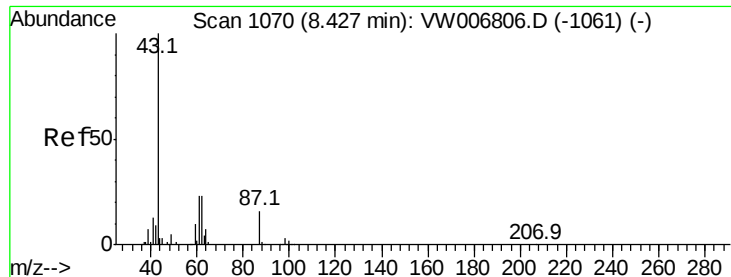
98 9.9 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 19.676 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW006805.D

Acq: 12 Nov 2018 13:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

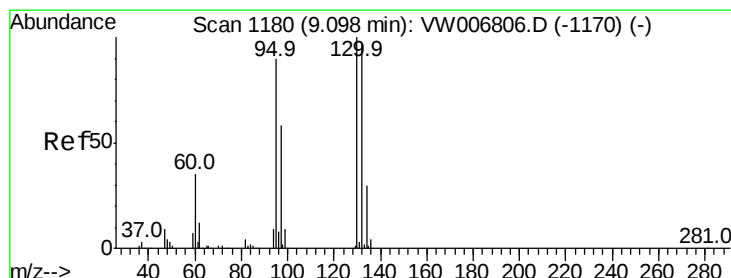
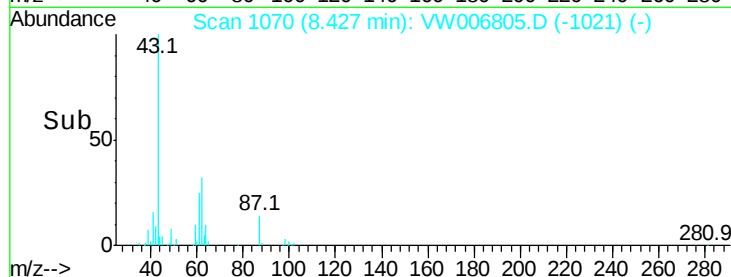
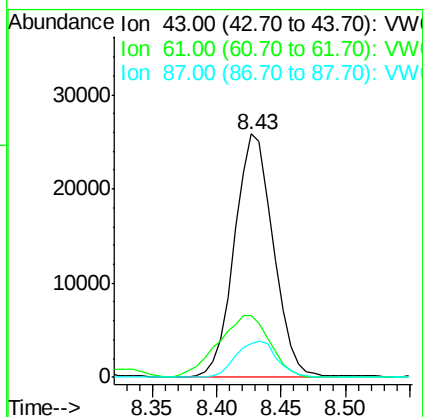
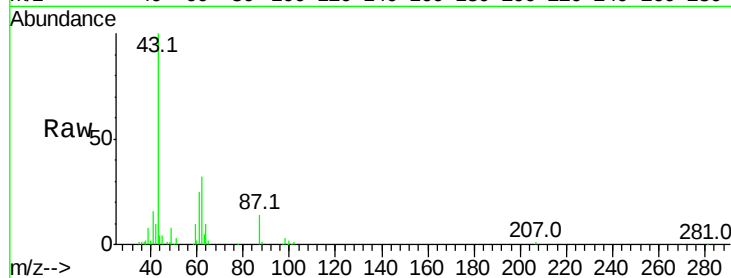
Tgt Ion: 43 Resp: 54117

Ion Ratio Lower Upper

43 100

61 34.0 27.0 40.4

87 15.7 13.0 19.4



#44

Trichloroethene

Concen: 21.530 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VW006805.D

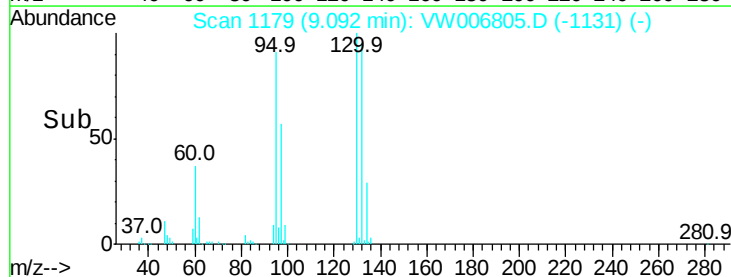
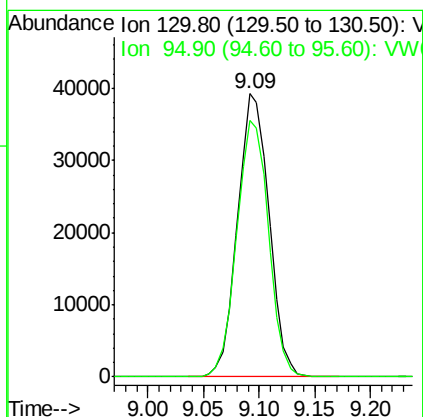
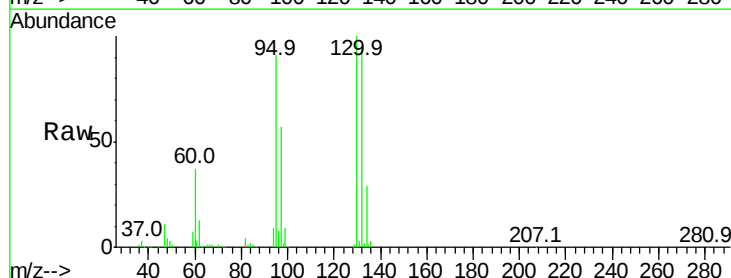
Acq: 12 Nov 2018 13:16

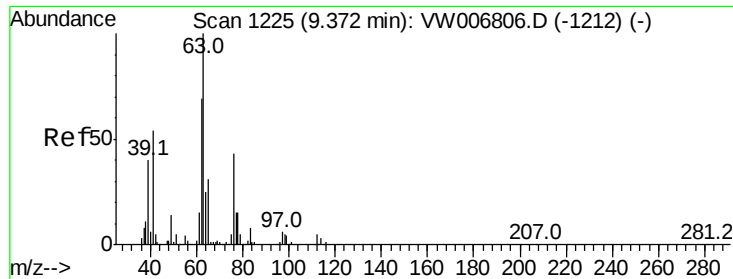
Tgt Ion: 130 Resp: 77224

Ion Ratio Lower Upper

130 100

95 90.5 0.0 180.2





#45

1,2-Dichloropropane

Concen: 21.125 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.00 min

Lab File: VW006805.D

Acq: 12 Nov 2018 13:16

Instrument :

MSVOA_W

ClientSampleId :

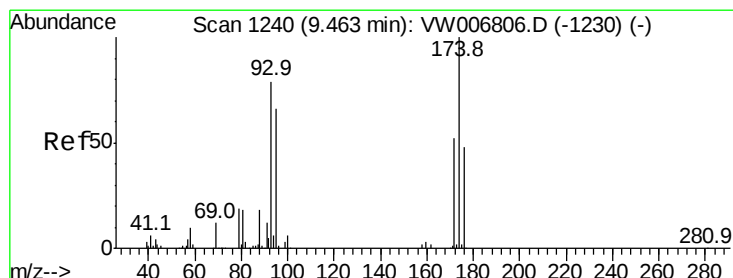
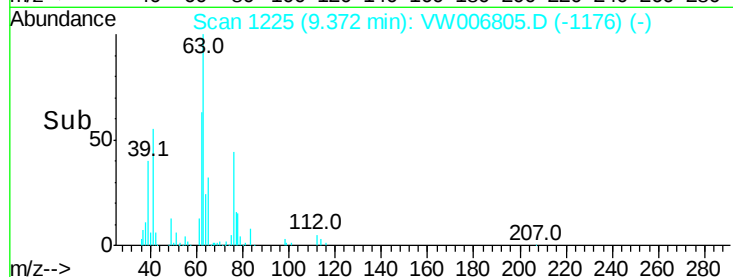
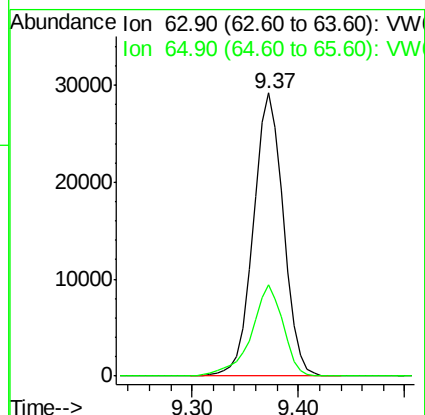
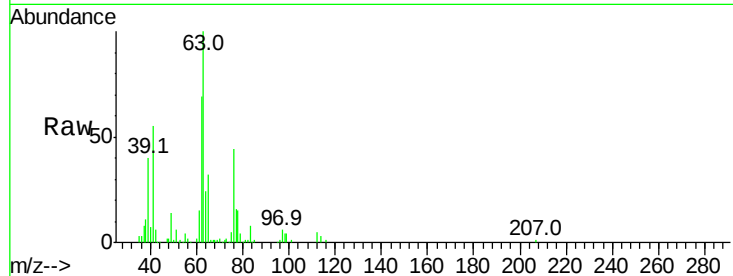
VSTDIC020

Tgt Ion: 63 Resp: 57880

Ion Ratio Lower Upper

63 100

65 32.3 24.4 36.6



#46

Dibromomethane

Concen: 20.088 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VW006805.D

Acq: 12 Nov 2018 13:16

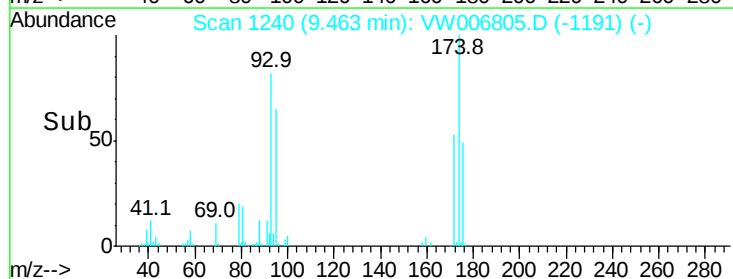
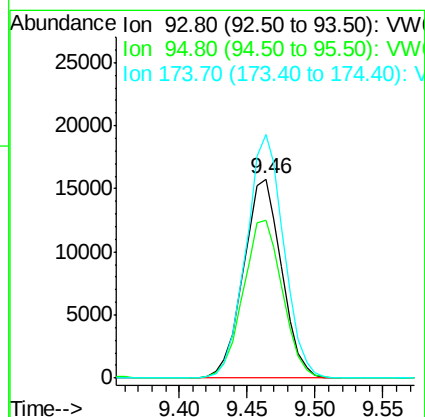
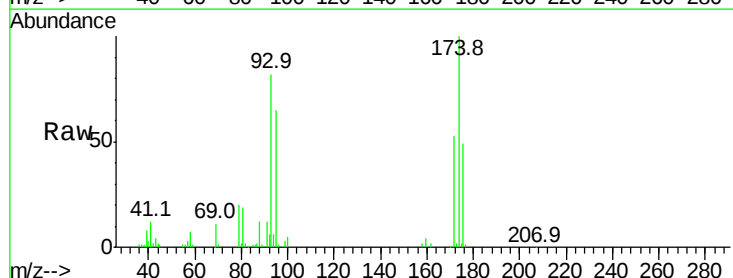
Tgt Ion: 93 Resp: 30901

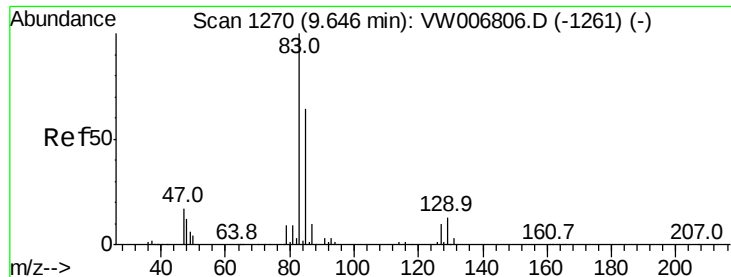
Ion Ratio Lower Upper

93 100

95 81.5 67.0 100.6

174 120.7 98.6 147.8





#47

Bromodichloromethane

Concen: 21.248 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW006805.D

Acq: 12 Nov 2018 13:16

Instrument :

MSVOA_W

ClientSampled :

VSTDIC020

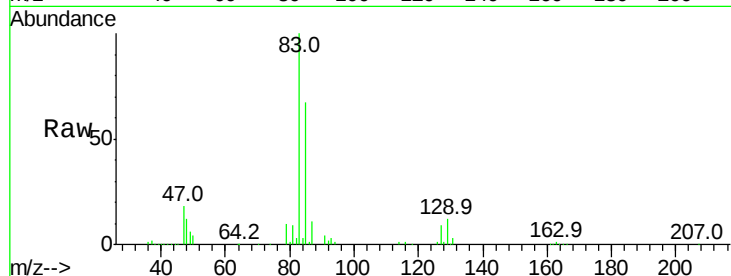
Tgt Ion: 83 Resp: 79313

Ion Ratio Lower Upper

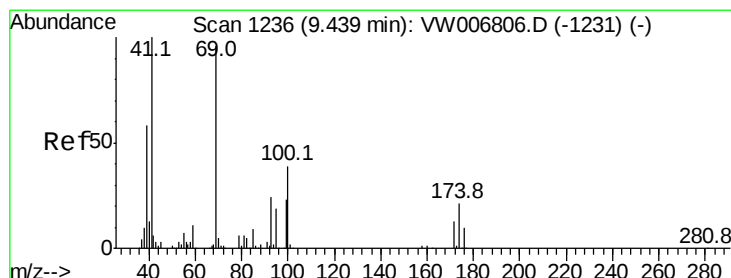
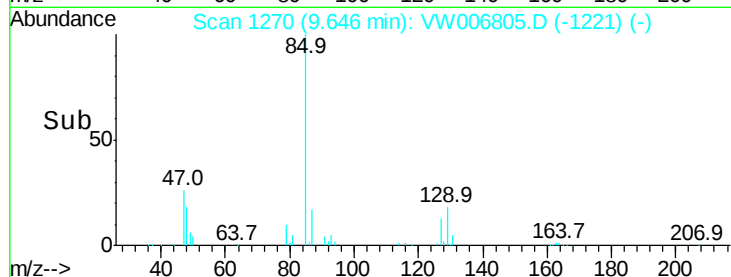
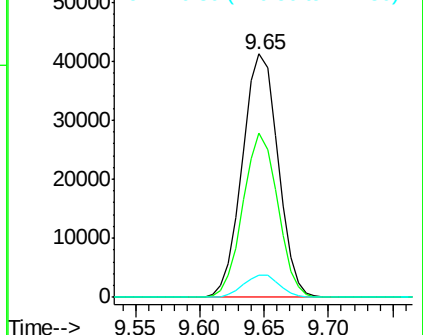
83 100

85 67.5 51.4 77.0

127 9.1 7.6 11.4



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



#48

Methyl methacrylate

Concen: 19.549 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW006805.D

Acq: 12 Nov 2018 13:16

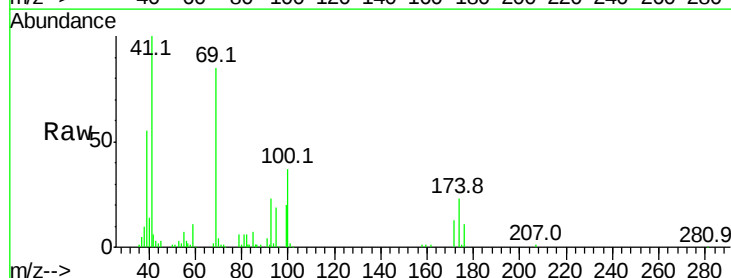
Tgt Ion: 41 Resp: 25323

Ion Ratio Lower Upper

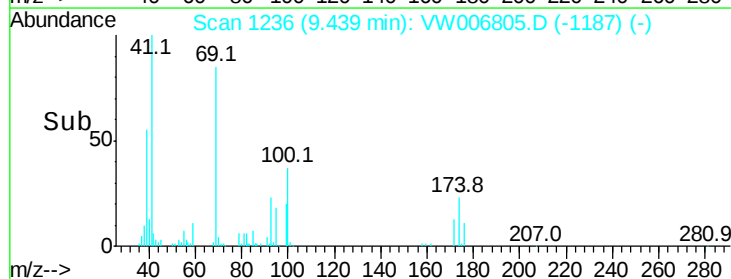
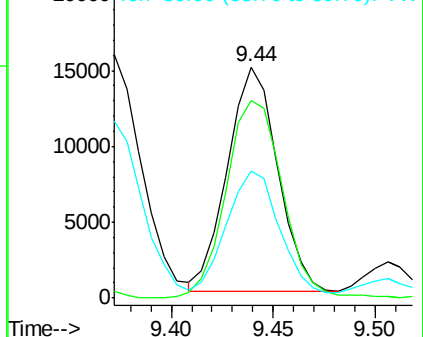
41 100

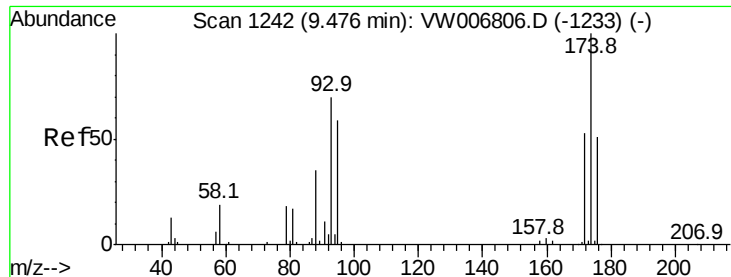
69 98.9 79.8 119.6

39 56.6 45.9 68.9



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





#49

1,4-Dioxane

Concen: 362.624 ug/l

RT: 9.48 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VW006805.D

Acq: 12 Nov 2018 13:16

Instrument :

MSVOA_W

ClientSampled :

VSTDIC020

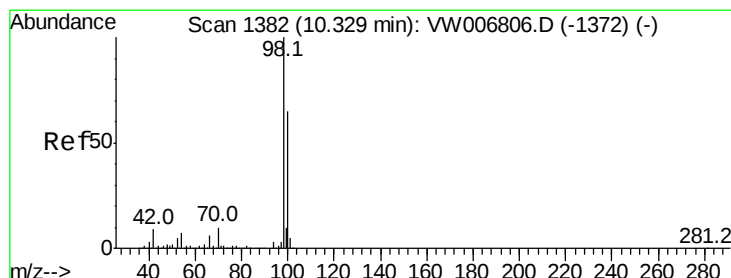
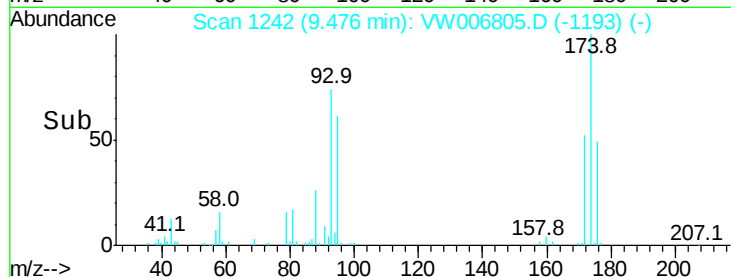
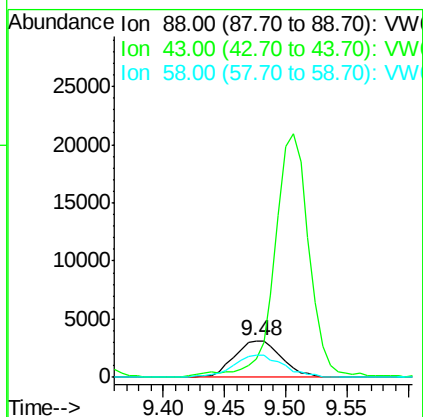
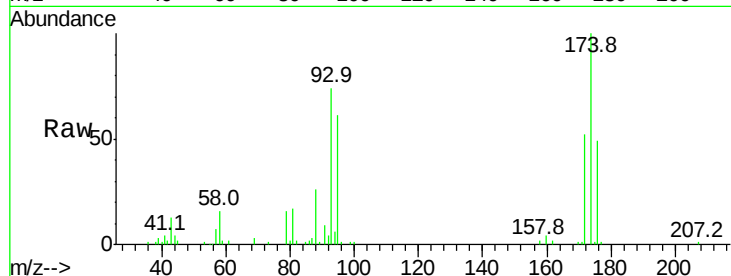
Tgt Ion: 88 Resp: 8351

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 65.8 50.6 75.8



#50

Toluene-d8

Concen: 20.602 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006805.D

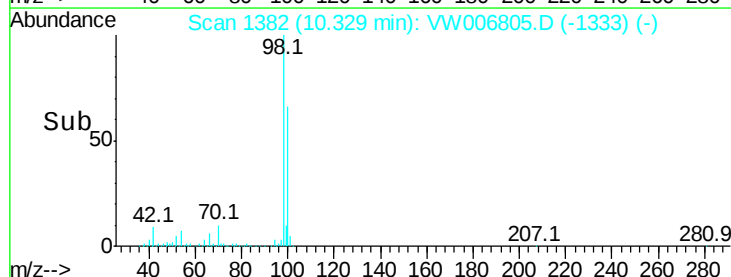
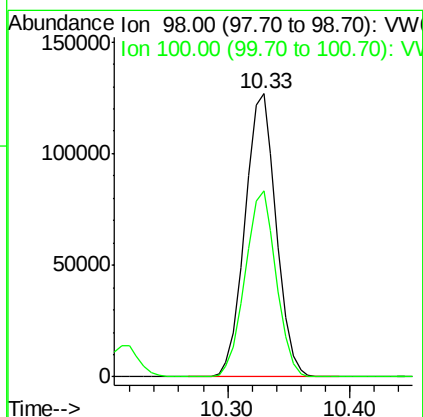
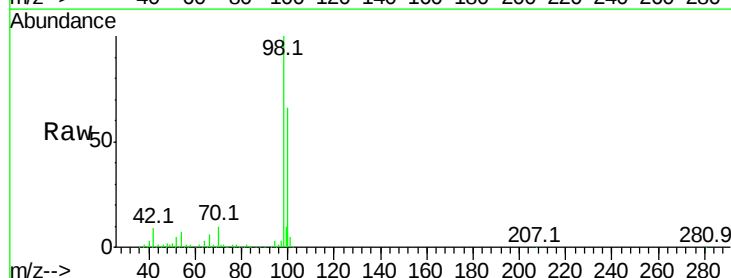
Acq: 12 Nov 2018 13:16

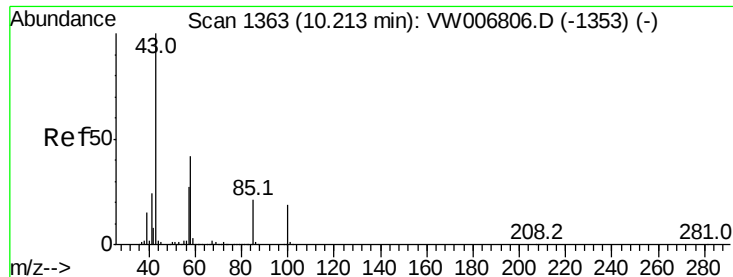
Tgt Ion: 98 Resp: 224692

Ion Ratio Lower Upper

98 100

100 65.5 51.4 77.2

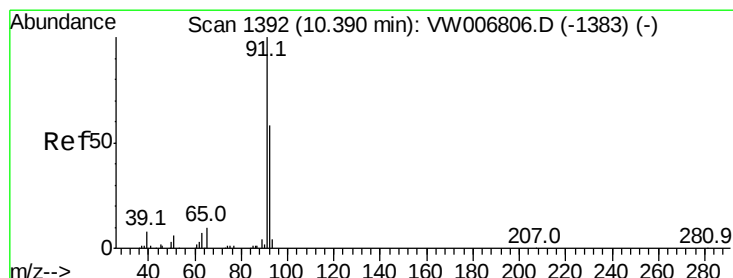
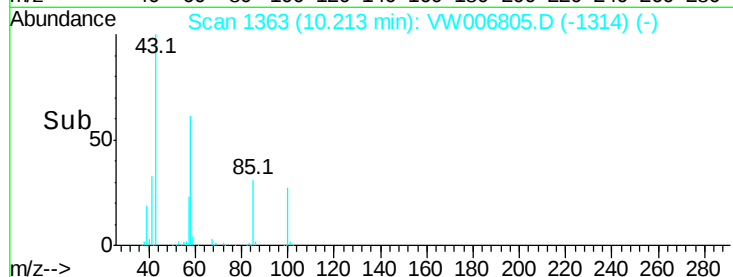
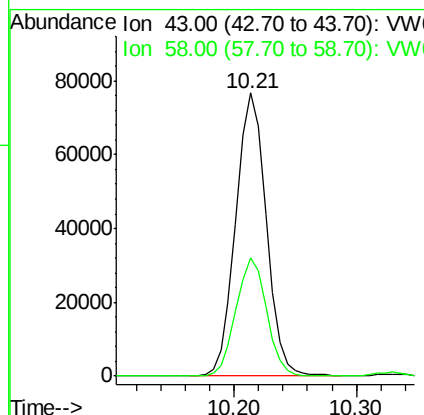
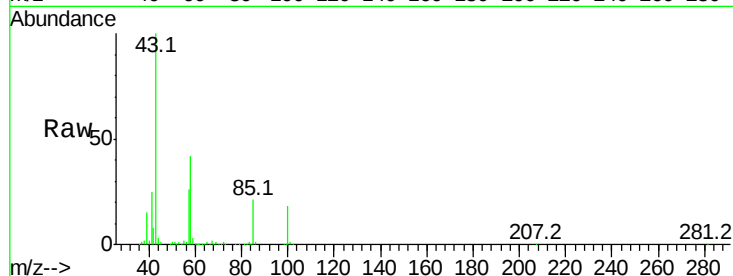




#51
 4-Methyl-2-Pentanone
 Concen: 93.855 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VW006805.D
 Acq: 12 Nov 2018 13:16

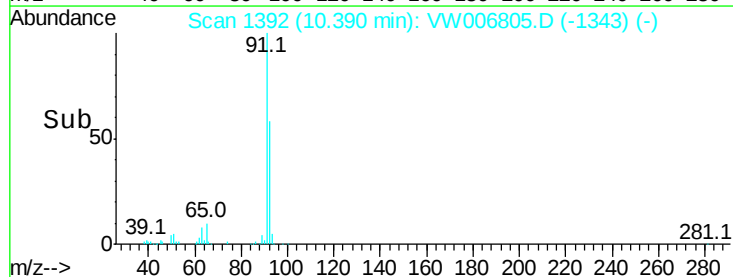
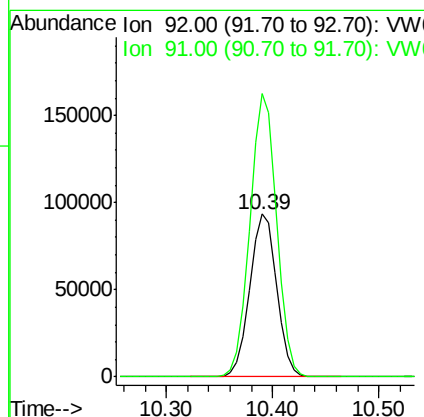
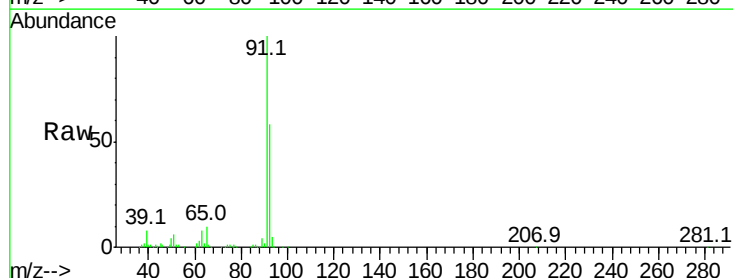
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

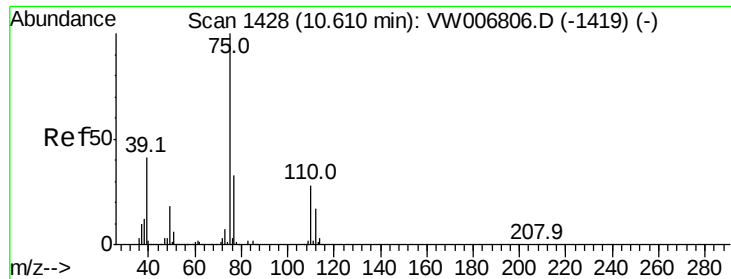
Tgt Ion: 43 Resp: 132624
 Ion Ratio Lower Upper
 43 100
 58 41.9 34.0 51.0



#52
 Toluene
 Concen: 20.210 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW006805.D
 Acq: 12 Nov 2018 13:16

Tgt Ion: 92 Resp: 165759
 Ion Ratio Lower Upper
 92 100
 91 172.3 139.4 209.2





#53

t-1,3-Dichloropropene

Concen: 20.867 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW006805.D

Acq: 12 Nov 2018 13:16

Instrument :

MSVOA_W

ClientSampleId :

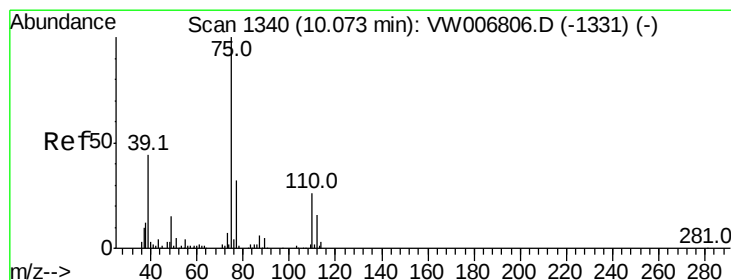
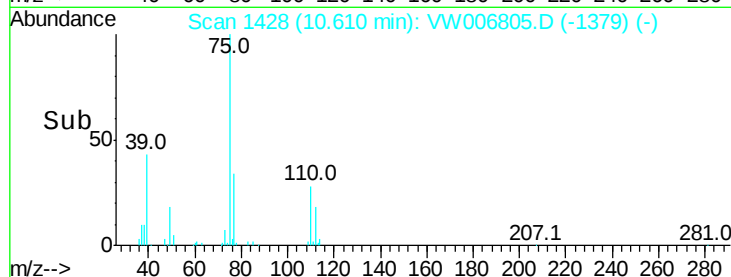
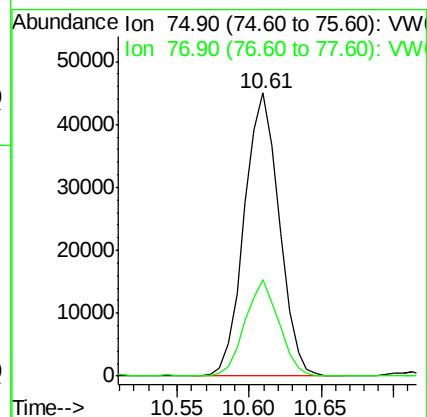
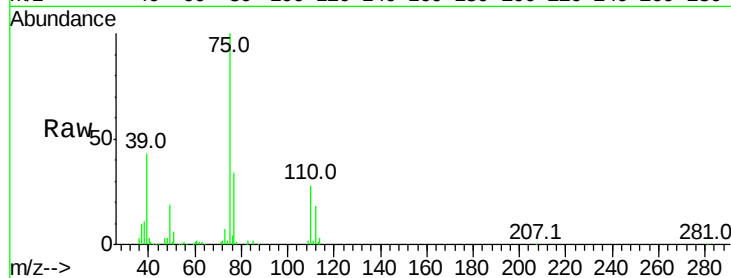
VSTDIC020

Tgt Ion: 75 Resp: 75526

Ion Ratio Lower Upper

75 100

77 34.0 26.3 39.5



#54

cis-1,3-Dichloropropene

Concen: 21.367 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW006805.D

Acq: 12 Nov 2018 13:16

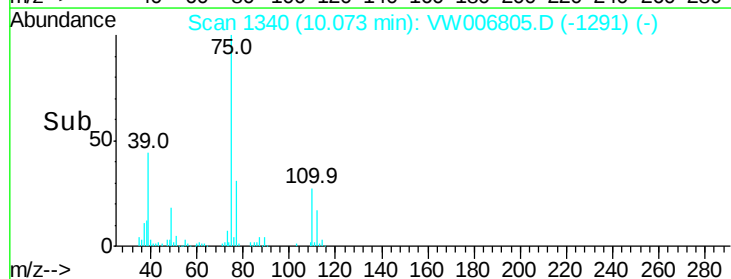
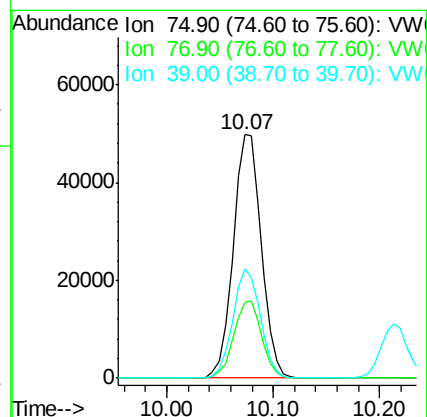
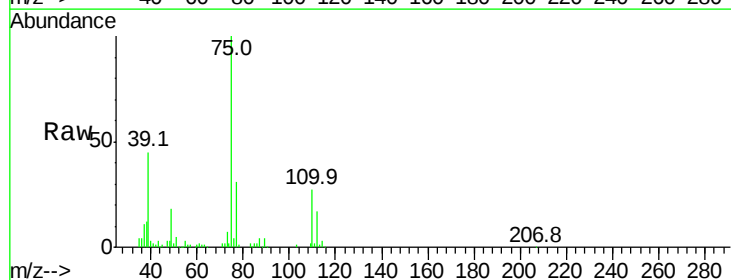
Tgt Ion: 75 Resp: 91691

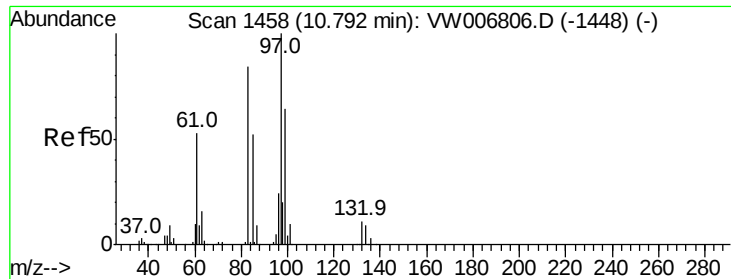
Ion Ratio Lower Upper

75 100

77 31.3 25.2 37.8

39 44.6 35.3 52.9





#55

1,1,2-Trichloroethane

Concen: 20.337 ug/l

RT: 10.79 min Scan# 1458

Delta R.T. 0.00 min

Lab File: VW006805.D

Acq: 12 Nov 2018 13:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tgt Ion: 97 Resp: 46086

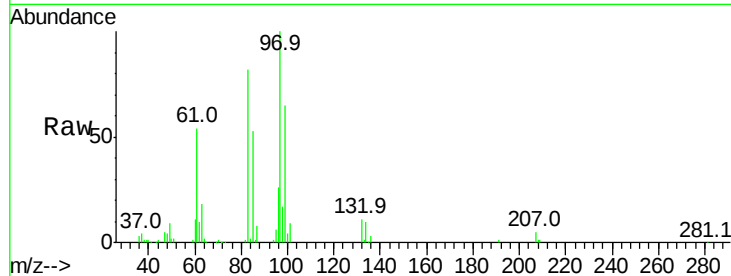
Ion Ratio Lower Upper

97 100

83 81.8 67.0 100.4

85 53.1 41.7 62.5

99 64.9 50.8 76.2

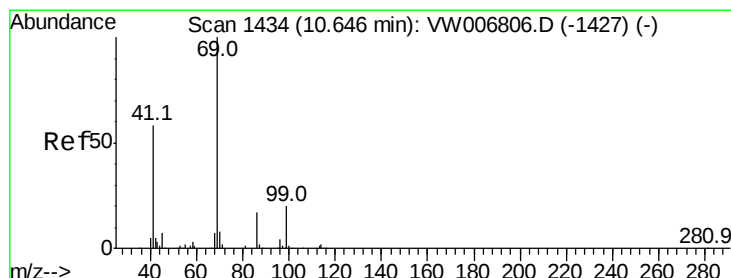
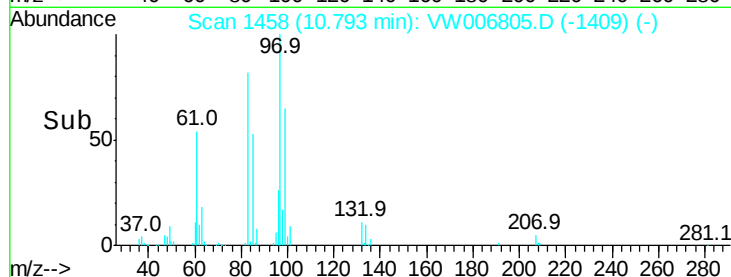
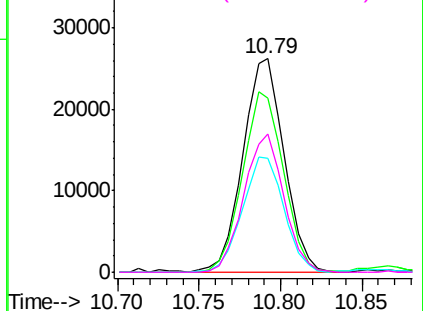


Abundance Ion 96.90 (96.60 to 97.60): VW

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: 19.161 ug/l

RT: 10.65 min Scan# 1435

Delta R.T. 0.01 min

Lab File: VW006805.D

Acq: 12 Nov 2018 13:16

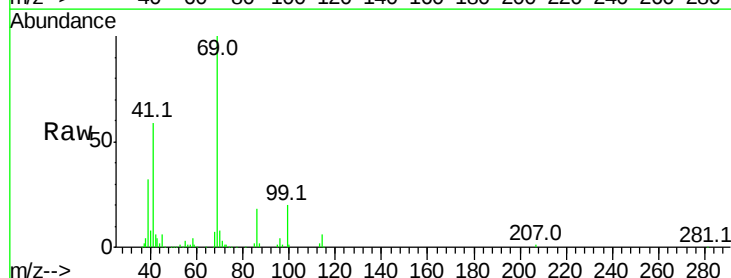
Tgt Ion: 69 Resp: 47948

Ion Ratio Lower Upper

69 100

41 58.9 47.0 70.4

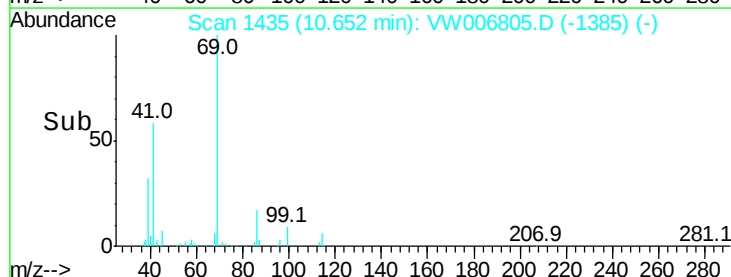
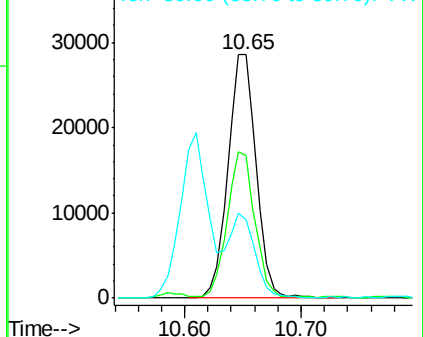
39 29.5 23.1 34.7

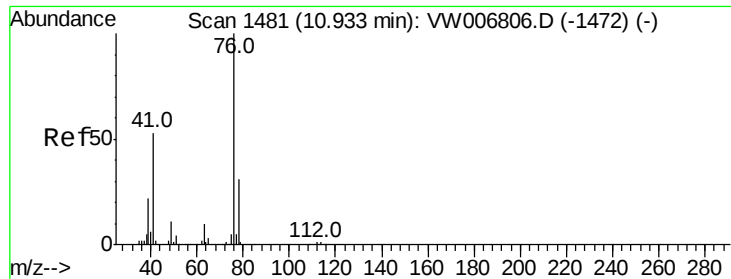


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW





#57

1,3-Dichloropropane

Concen: 20.543 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. 0.00 min

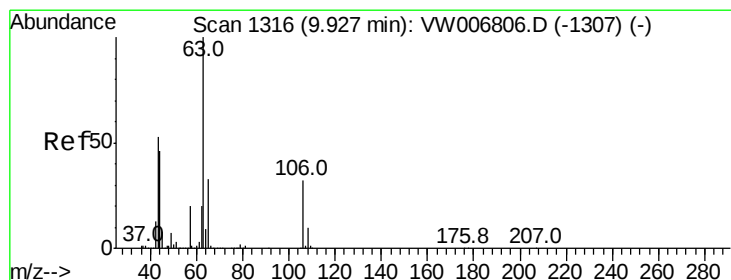
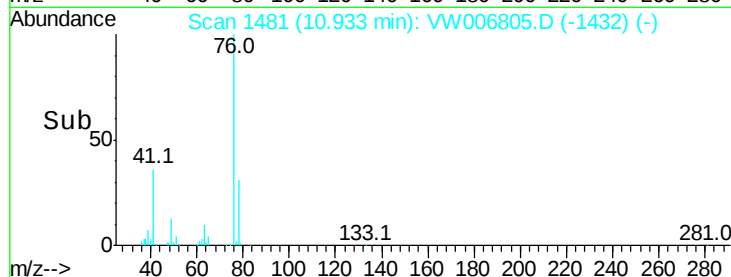
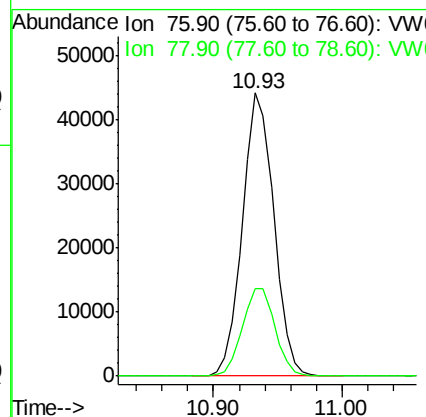
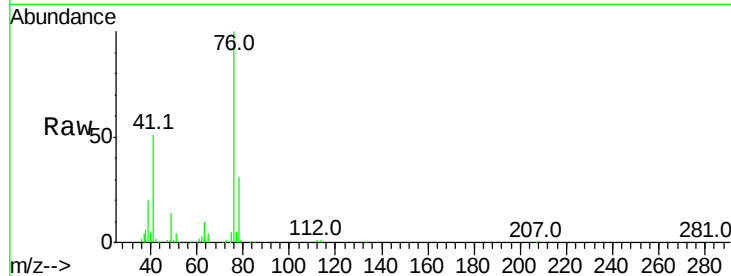
Lab File: VW006805.D

Acq: 12 Nov 2018 13:16

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion: 76 Resp: 74420

Ion	Ratio	Lower	Upper
76	100		
78	32.2	26.2	39.2



#58

2-Chloroethyl Vinyl ether

Concen: 102.657 ug/l

RT: 9.93 min Scan# 1316

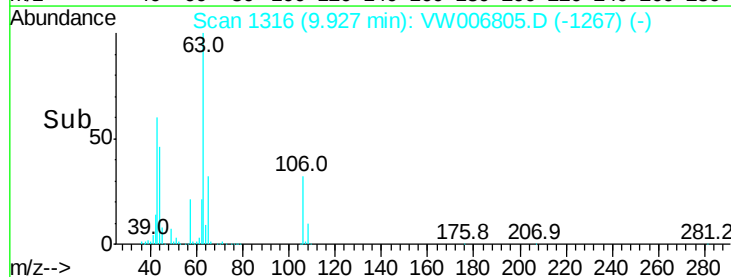
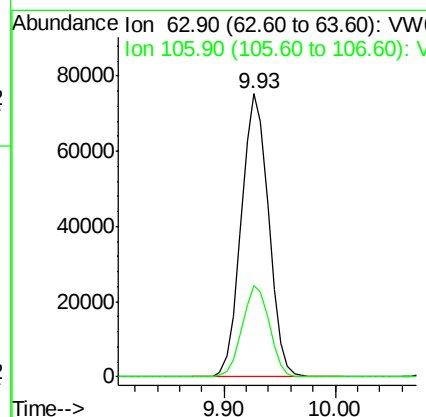
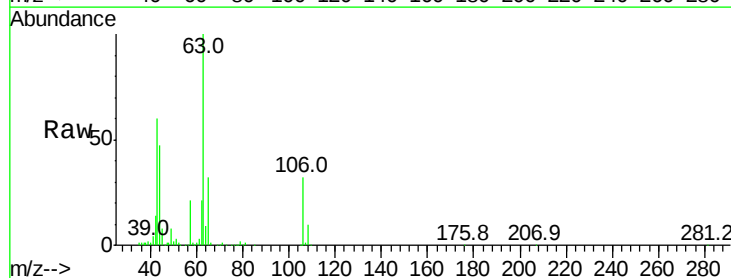
Delta R.T. 0.00 min

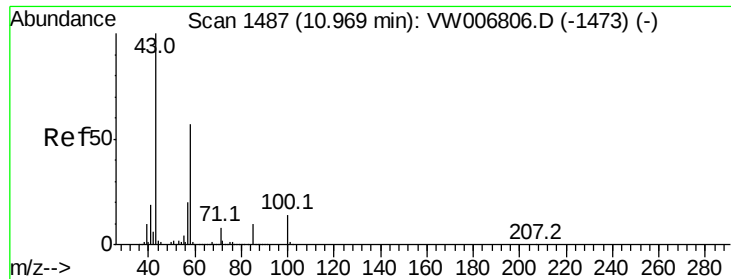
Lab File: VW006805.D

Acq: 12 Nov 2018 13:16

Tgt Ion: 63 Resp: 127933

Ion	Ratio	Lower	Upper
63	100		
106	32.2	25.4	38.0





#59

2-Hexanone

Concen: 94.126 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW006805.D

Acq: 12 Nov 2018 13:16

Instrument :

MSVOA_W

ClientSampleId :

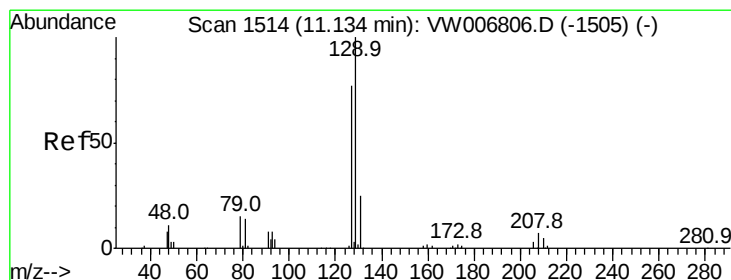
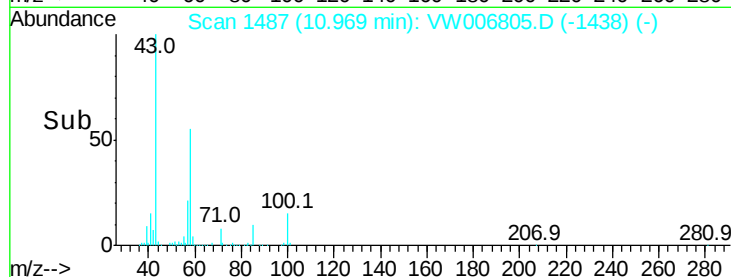
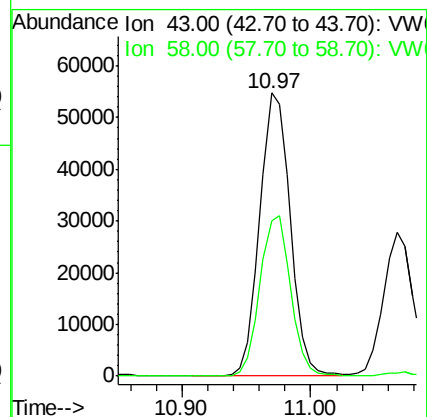
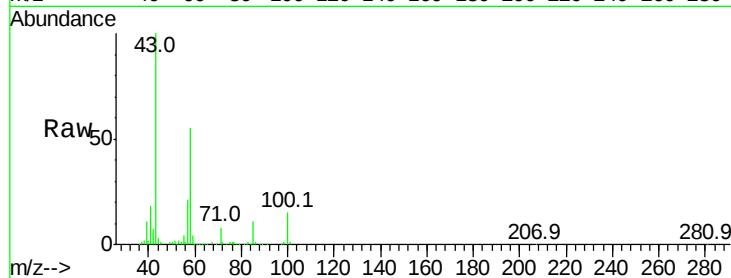
VSTDIC020

Tgt Ion: 43 Resp: 90140

Ion Ratio Lower Upper

43 100

58 56.6 28.7 86.1



#60

Dibromochloromethane

Concen: 20.568 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. -0.01 min

Lab File: VW006805.D

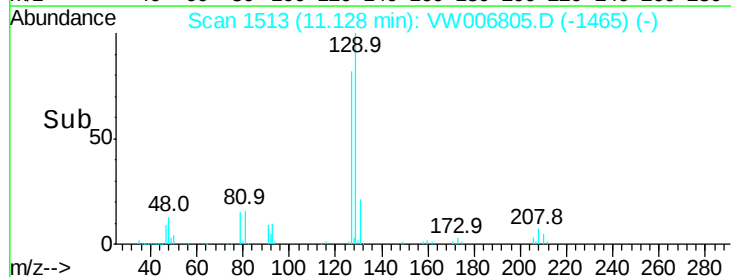
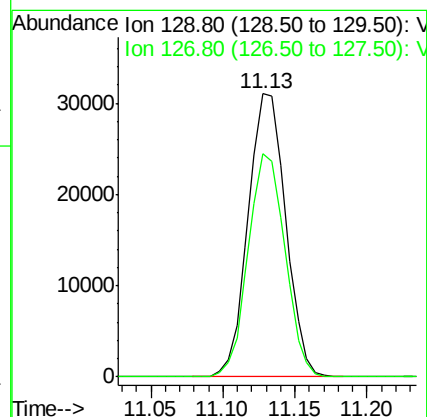
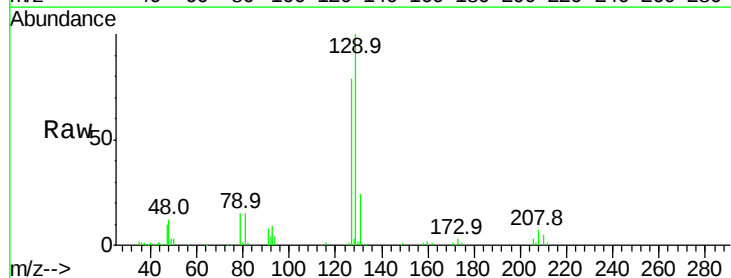
Acq: 12 Nov 2018 13:16

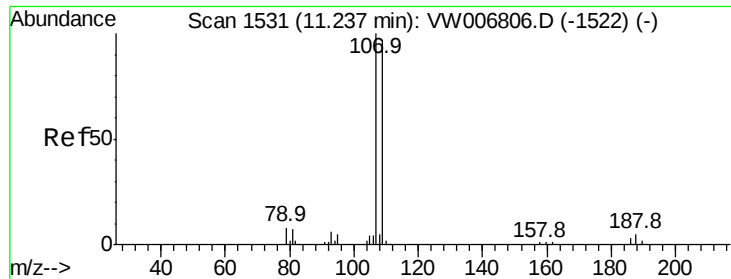
Tgt Ion: 129 Resp: 56025

Ion Ratio Lower Upper

129 100

127 77.4 38.7 116.1

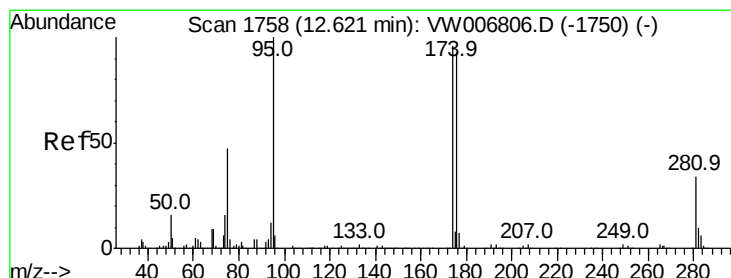
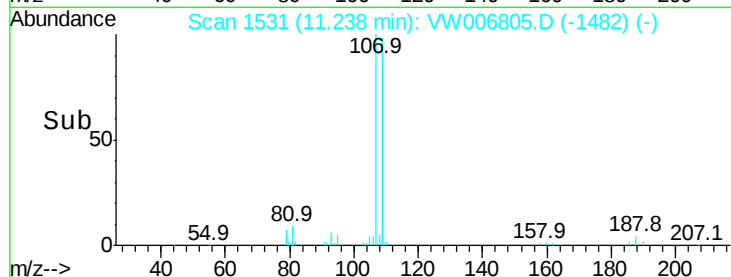
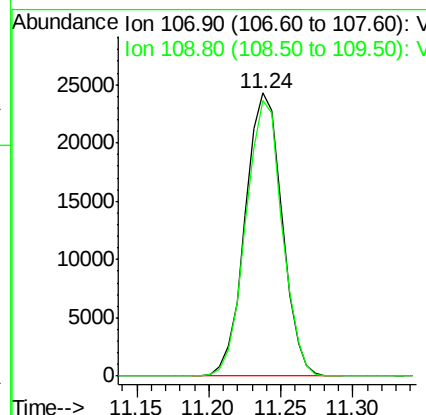
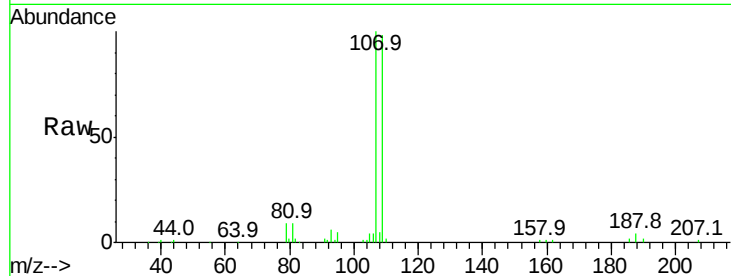




#61
 1,2-Dibromoethane
 Concen: 19.752 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW006805.D
 Acq: 12 Nov 2018 13:16

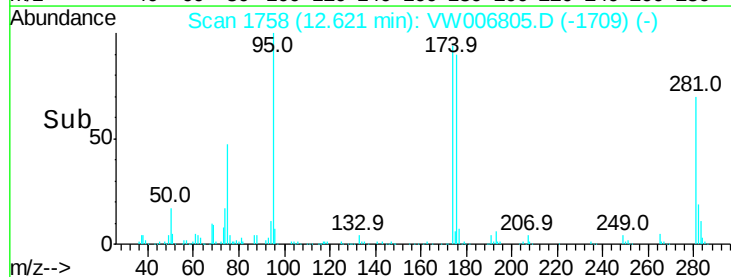
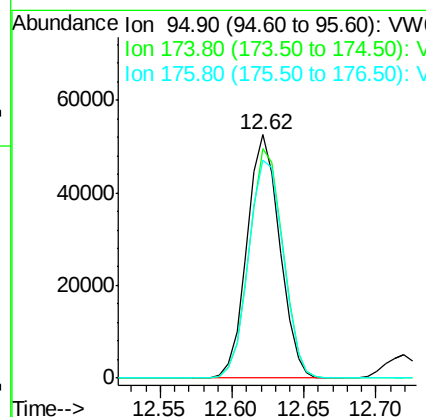
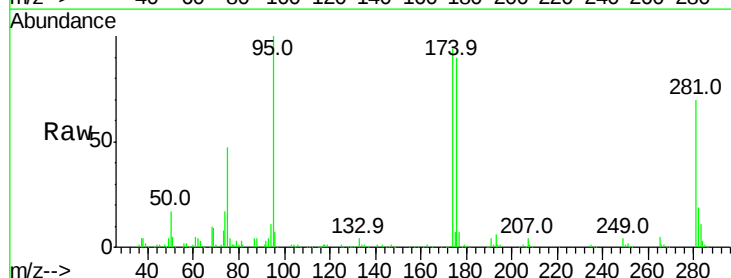
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC020

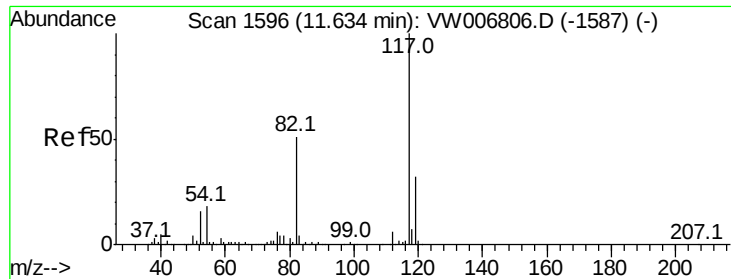
Tgt Ion: 107 Resp: 43063
 Ion Ratio Lower Upper
 107 100
 109 96.0 76.7 115.1



#62
 4-Bromofluorobenzene
 Concen: 20.795 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW006805.D
 Acq: 12 Nov 2018 13:16

Tgt Ion: 95 Resp: 82599
 Ion Ratio Lower Upper
 95 100
 174 96.9 0.0 196.6
 176 94.8 0.0 191.6

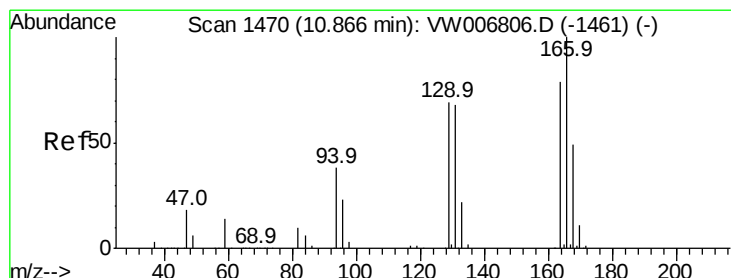
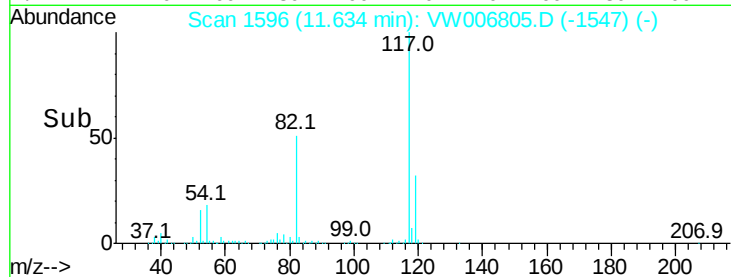
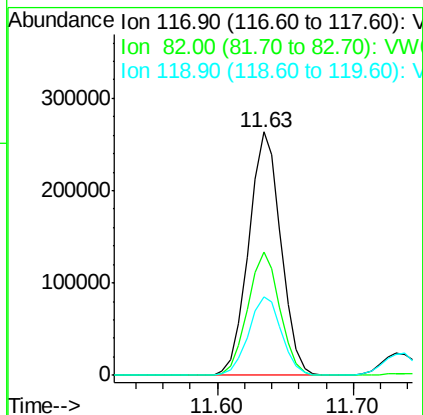
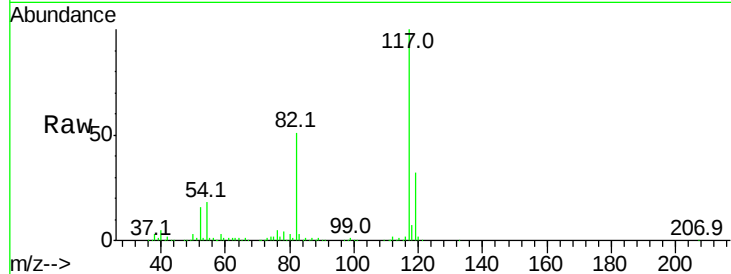




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006805.D
Acq: 12 Nov 2018 13:16

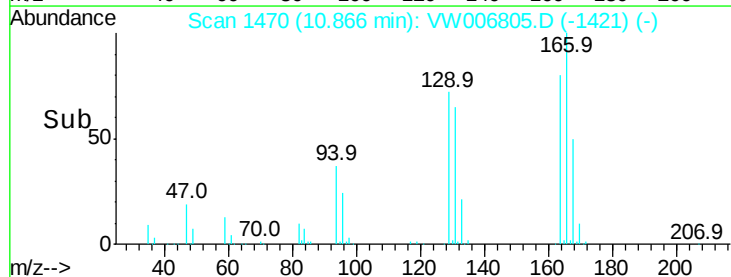
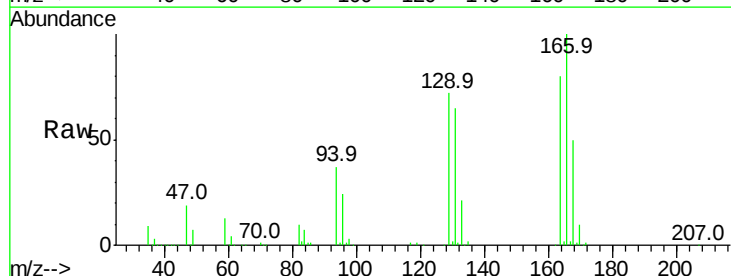
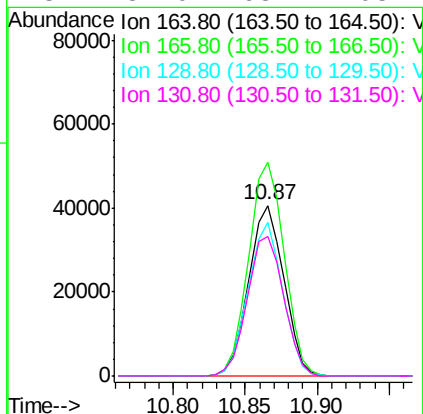
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

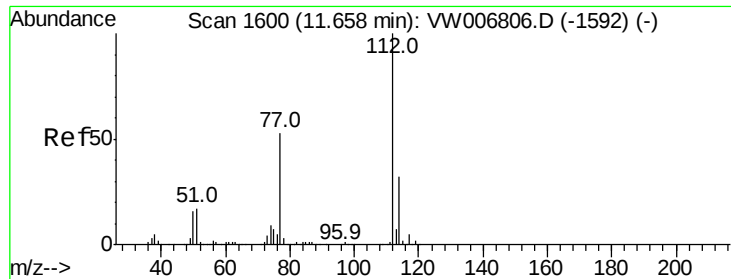
Tgt Ion:117 Resp: 437710
Ion Ratio Lower Upper
117 100
82 50.7 40.6 61.0
119 32.0 25.5 38.3



#64
Tetrachloroethene
Concen: 20.541 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006805.D
Acq: 12 Nov 2018 13:16

Tgt Ion:164 Resp: 68659
Ion Ratio Lower Upper
164 100
166 125.3 101.3 151.9
129 89.9 69.6 104.4
131 82.0 68.7 103.1





#65

Chlorobenzene

Concen: 20.460 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW006805.D

Acq: 12 Nov 2018 13:16

Instrument :

MSVOA_W

ClientSampleId :

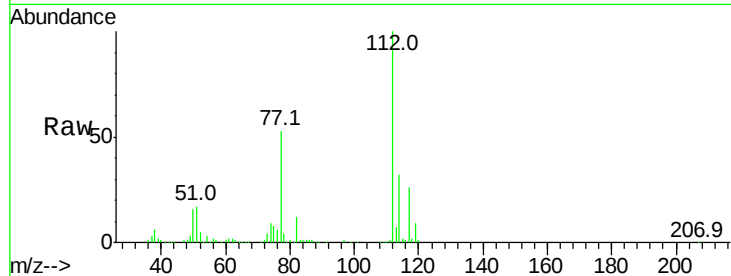
VSTDIC020

Tgt Ion:112 Resp: 190624

Ion Ratio Lower Upper

112 100

114 32.4 26.0 39.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.66

120000

100000

80000

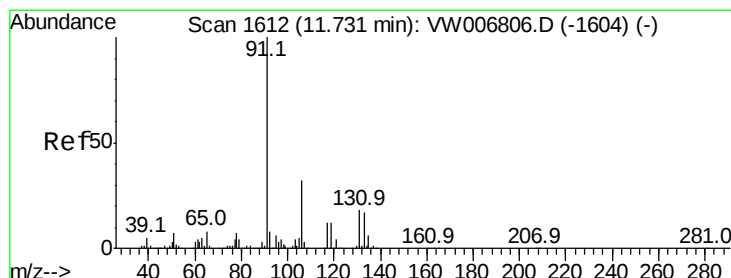
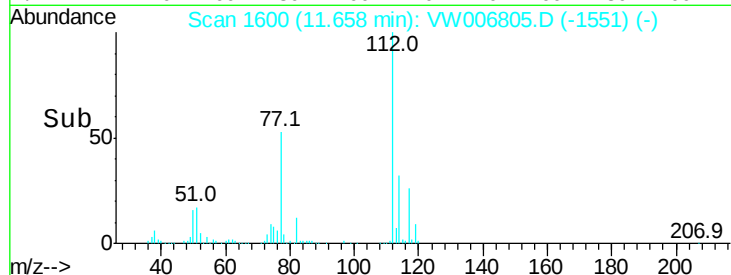
60000

40000

20000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 21.139 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW006805.D

Acq: 12 Nov 2018 13:16

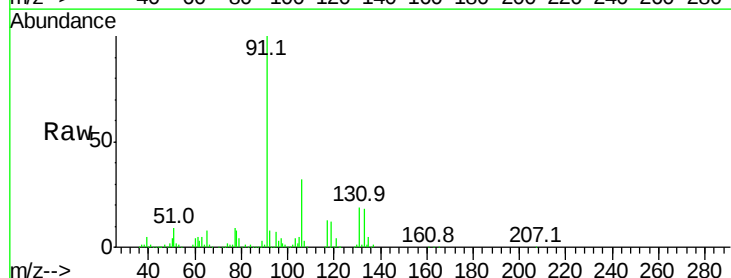
Tgt Ion:131 Resp: 63093

Ion Ratio Lower Upper

131 100

133 96.2 47.9 143.8

119 65.0 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

11.73

100000

80000

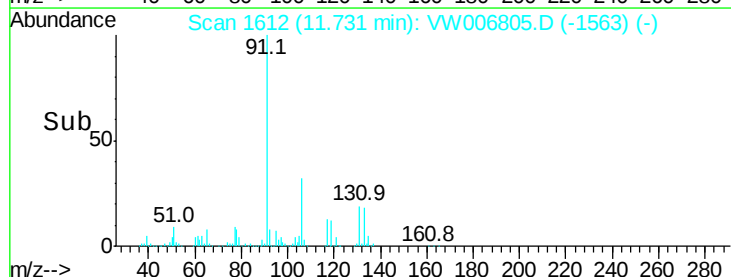
60000

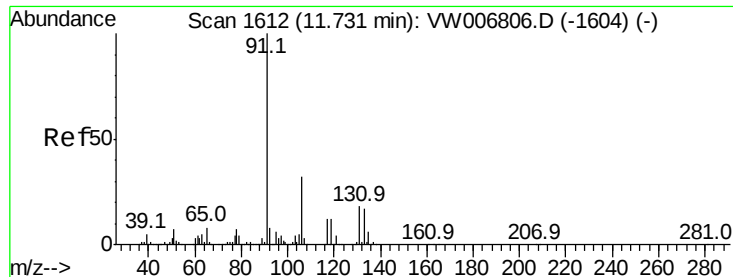
40000

20000

0

Time-->

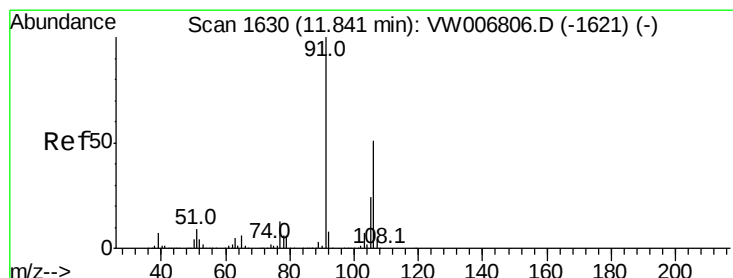
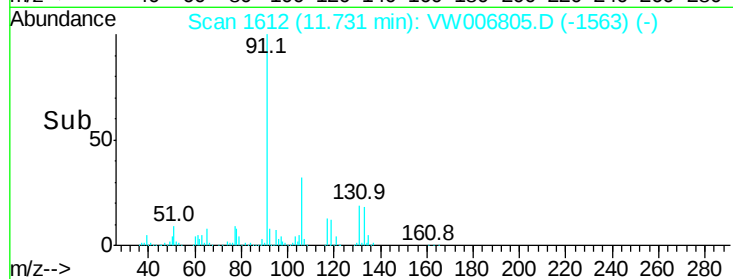
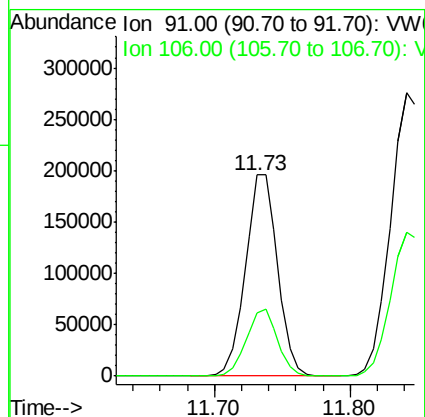
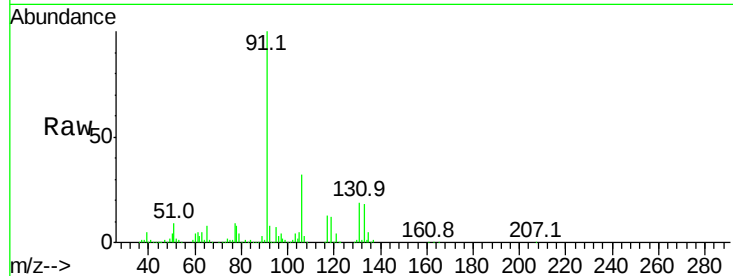




#67
Ethyl Benzene
Concen: 20.603 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW006805.D
Acq: 12 Nov 2018 13:16

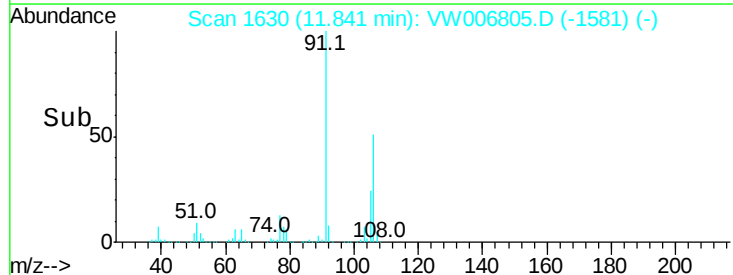
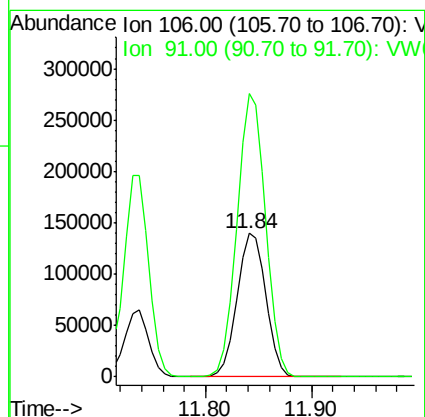
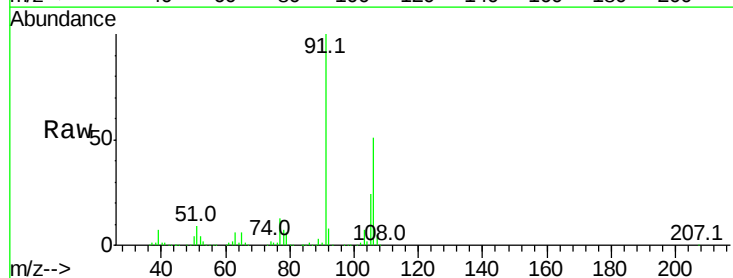
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

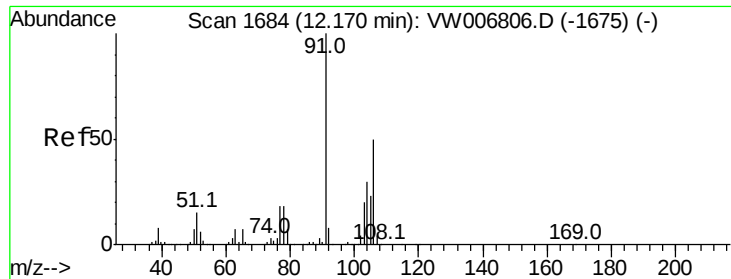
Tgt Ion: 91 Resp: 322923
Ion Ratio Lower Upper
91 100
106 31.7 25.4 38.0



#68
m/p-Xylenes
Concen: 41.521 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW006805.D
Acq: 12 Nov 2018 13:16

Tgt Ion: 106 Resp: 265451
Ion Ratio Lower Upper
106 100
91 194.9 155.7 233.5

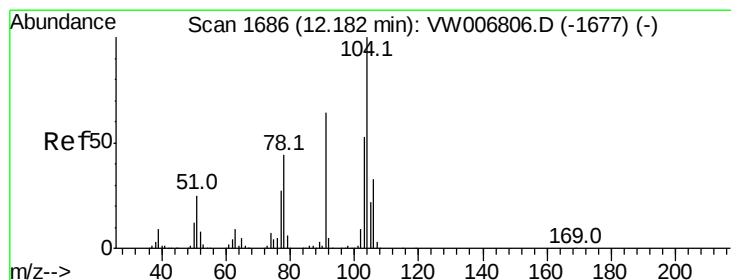
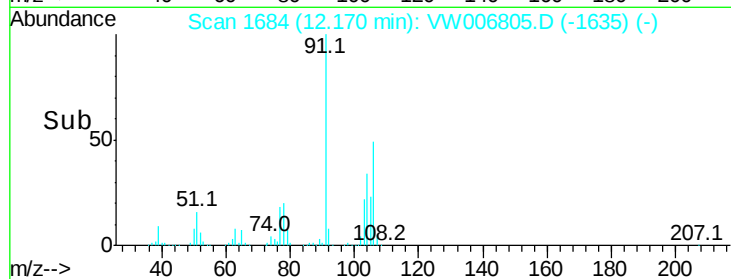
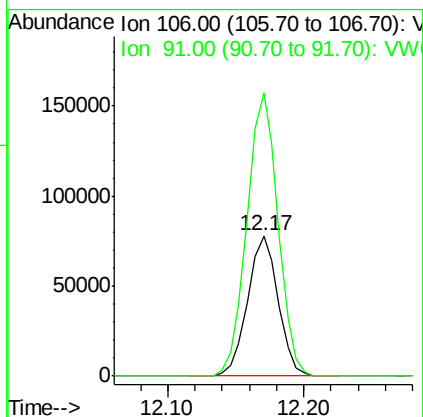
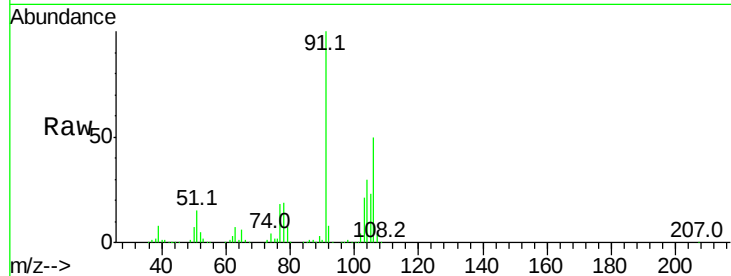




#69
o-Xylene
Concen: 20.844 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006805.D
Acq: 12 Nov 2018 13:16

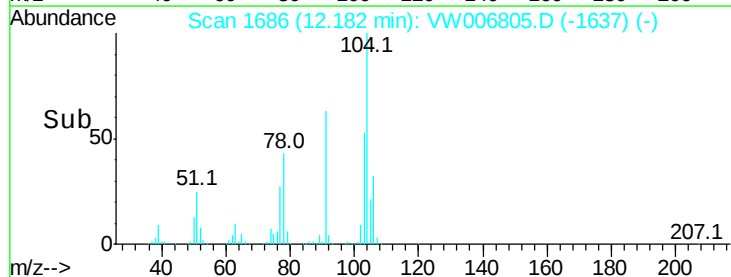
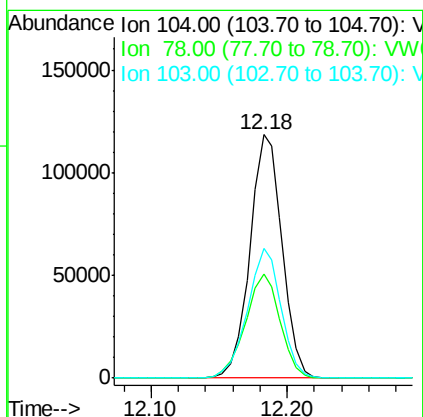
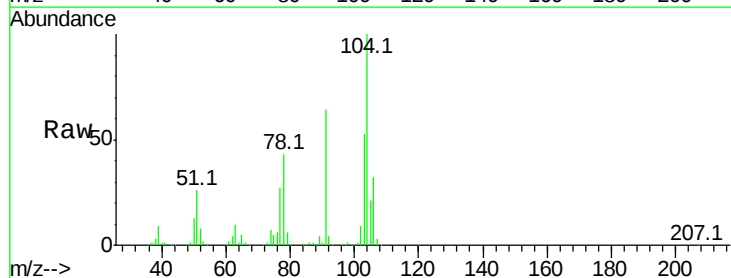
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

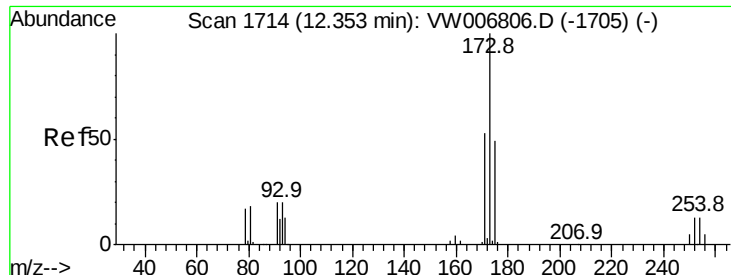
Tgt Ion:106 Resp: 122683
Ion Ratio Lower Upper
106 100
91 205.3 101.9 305.7



#70
Styrene
Concen: 20.484 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW006805.D
Acq: 12 Nov 2018 13:16

Tgt Ion:104 Resp: 195967
Ion Ratio Lower Upper
104 100
78 46.4 37.3 55.9
103 55.8 44.6 66.8

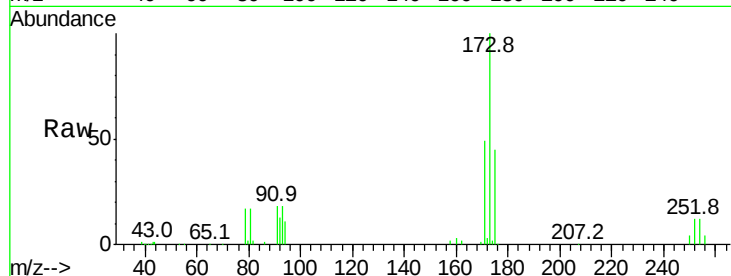




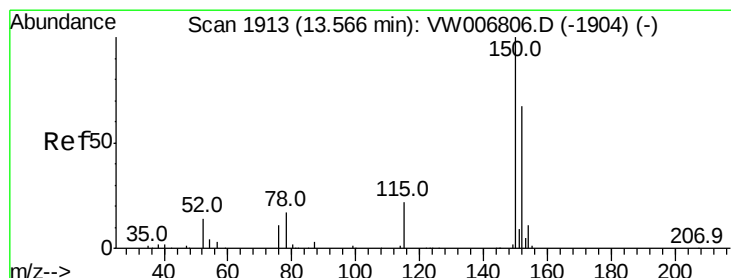
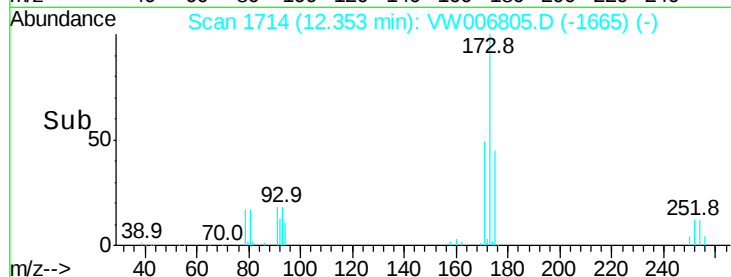
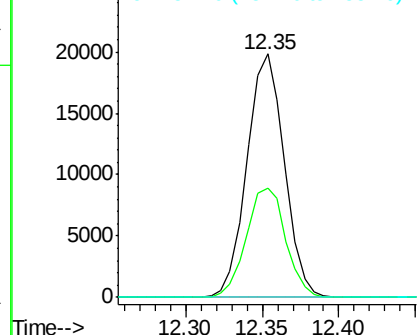
#71
Bromoform
Concen: 20.359 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.00 min
Lab File: VW006805.D
Acq: 12 Nov 2018 13:16

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion:173 Resp: 33659
Ion Ratio Lower Upper
173 100
175 47.3 24.4 73.4
254 0.0 0.1 0.1#

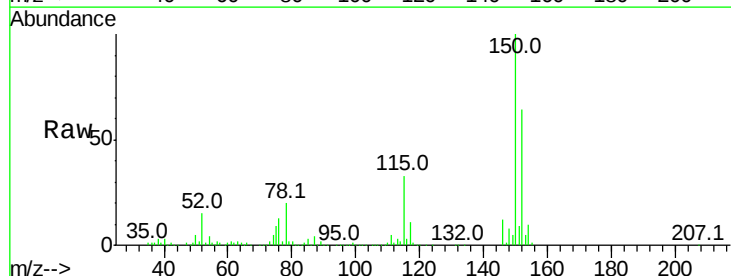


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

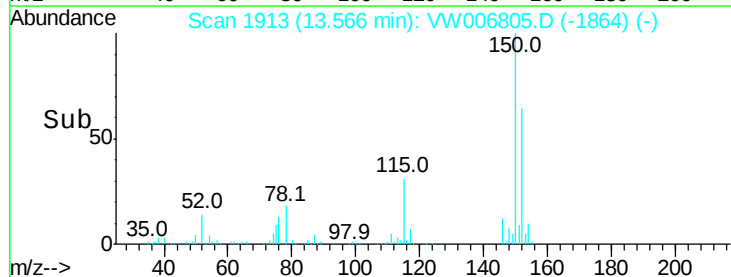
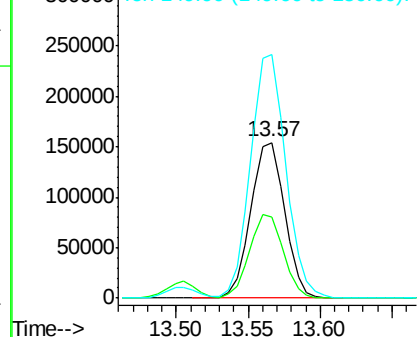


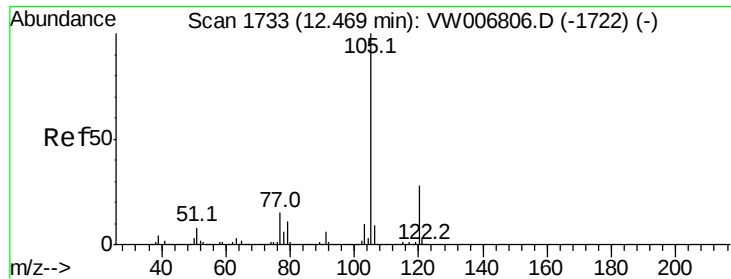
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006805.D
Acq: 12 Nov 2018 13:16

Tgt Ion:152 Resp: 249874
Ion Ratio Lower Upper
152 100
115 53.5 27.3 81.8
150 163.3 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: 20.680 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006805.D

Acq: 12 Nov 2018 13:16

Instrument :

MSVOA_W

ClientSampleId :

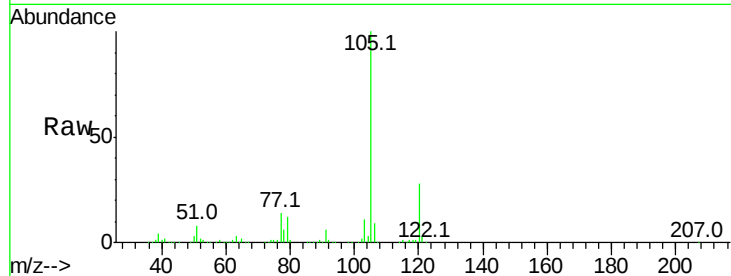
VSTDIC020

Tgt Ion:105 Resp: 332479

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

250000

200000

150000

100000

50000

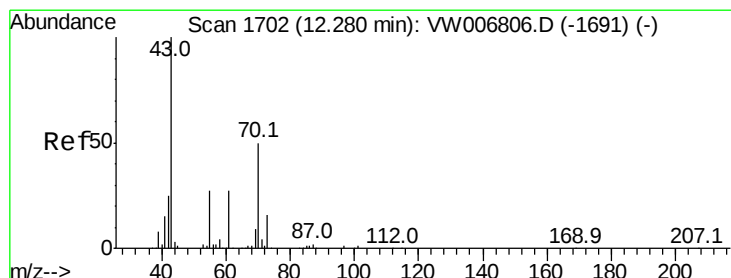
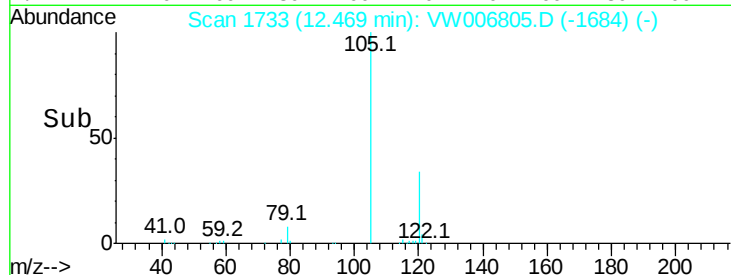
0

12.47

12.40

12.50

Time-->



#74

N-ethyl acetate

Concen: 19.032 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.01 min

Lab File: VW006805.D

Acq: 12 Nov 2018 13:16

Tgt Ion: 43 Resp: 49874

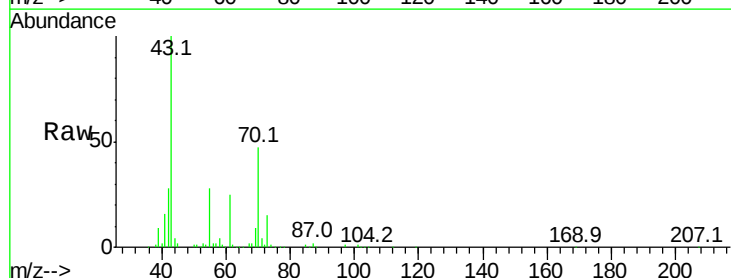
Ion Ratio Lower Upper

43 100

70 48.3 39.0 58.4

55 28.1 22.1 33.1

61 25.9 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

50000

40000

30000

20000

10000

0

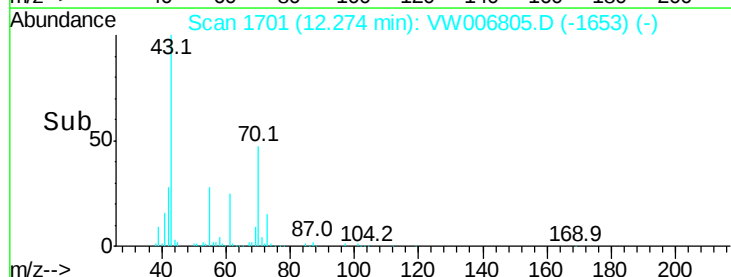
12.27

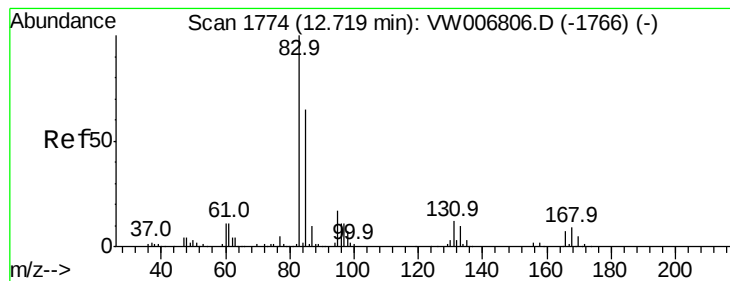
12.20

12.30

12.35

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.505 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006805.D

Acq: 12 Nov 2018 13:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

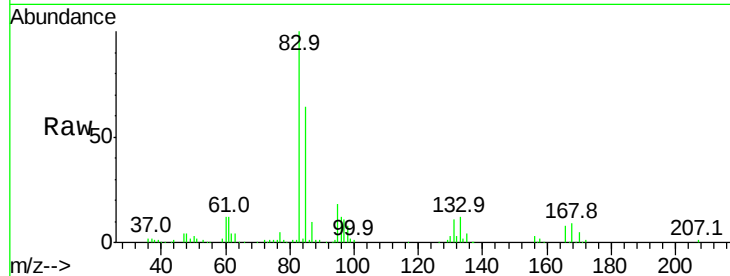
Tgt Ion: 83 Resp: 46717

Ion Ratio Lower Upper

83 100

131 12.2 6.1 18.3

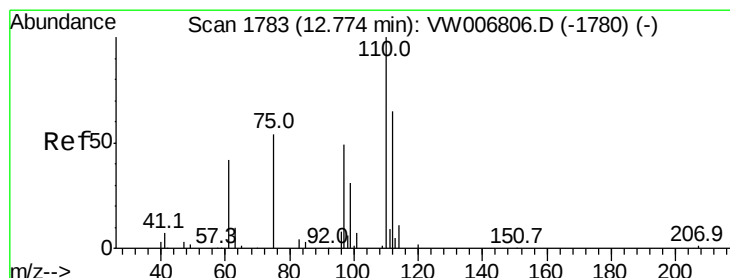
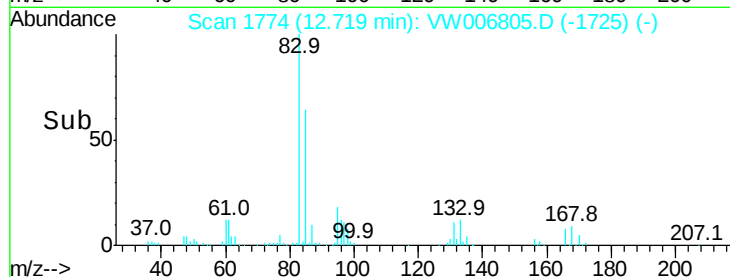
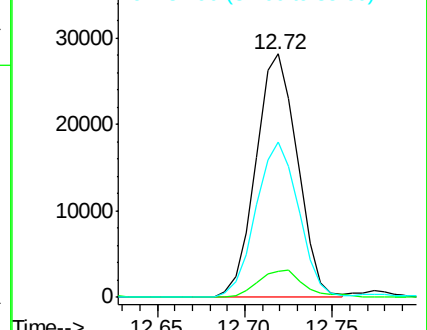
85 65.4 32.4 97.0



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: 33.192 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VW006805.D

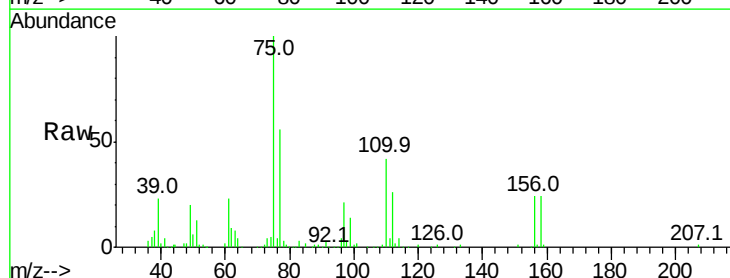
Acq: 12 Nov 2018 13:16

Tgt Ion: 75 Resp: 60482

Ion Ratio Lower Upper

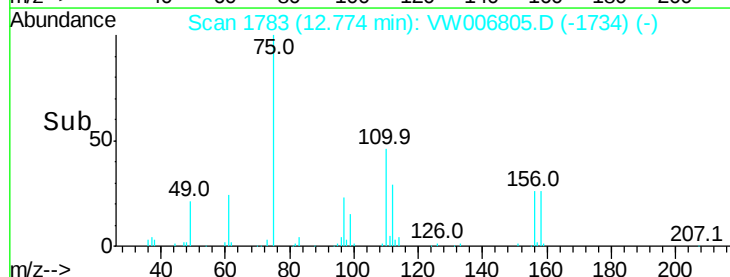
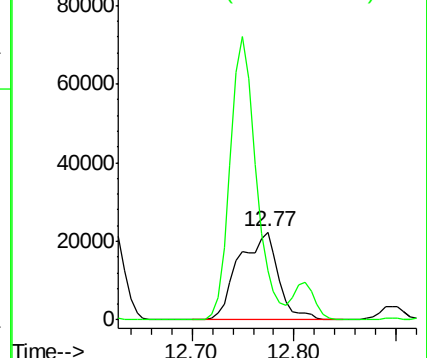
75 100

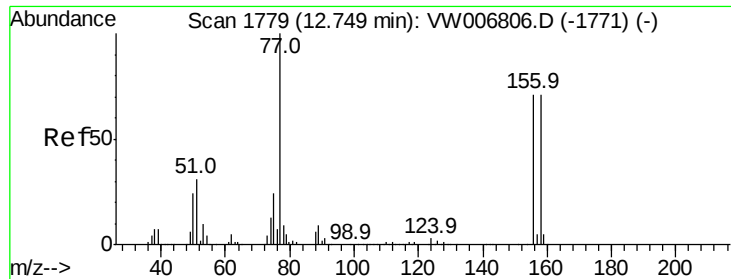
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

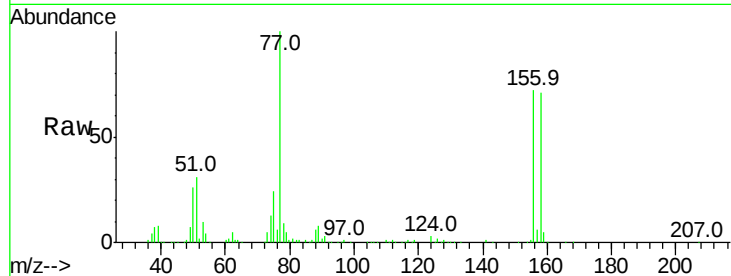




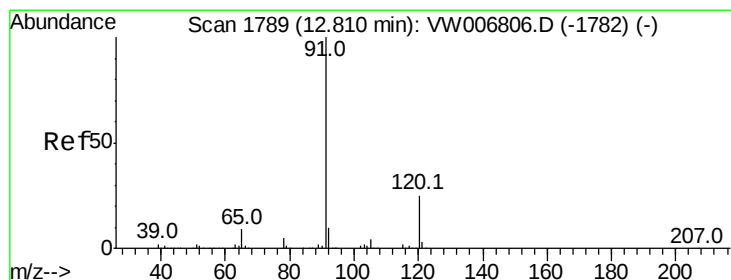
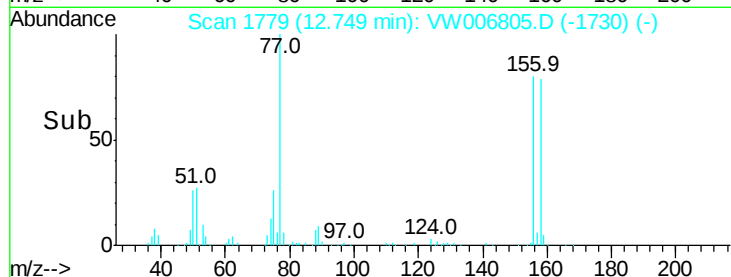
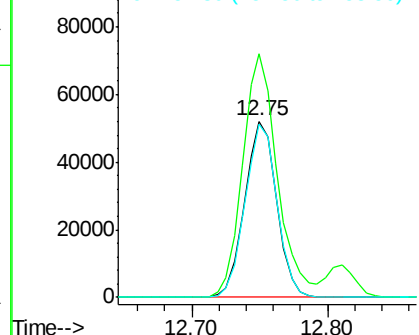
#77
Bromobenzene
Concen: 20.412 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. 0.00 min
Lab File: VW006805.D
Acq: 12 Nov 2018 13:16

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion:156 Resp: 84855
Ion Ratio Lower Upper
156 100
77 151.2 75.3 225.7
158 98.4 49.2 147.6

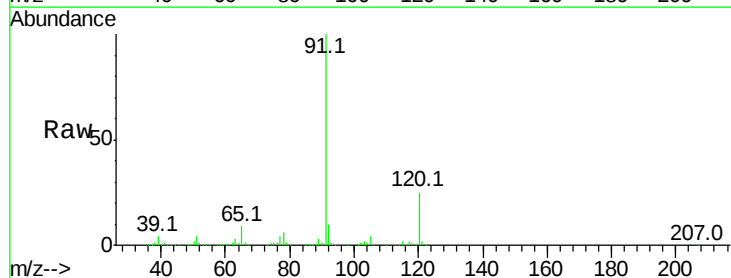


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VW
Ion 157.80 (157.50 to 158.50): V

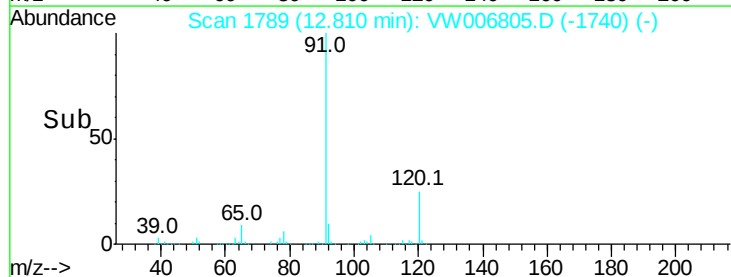
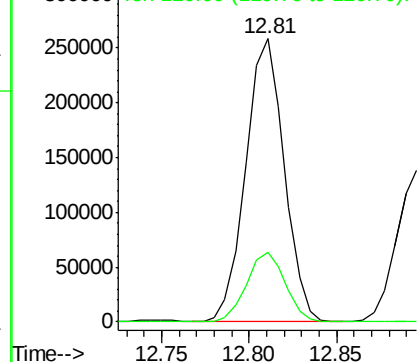


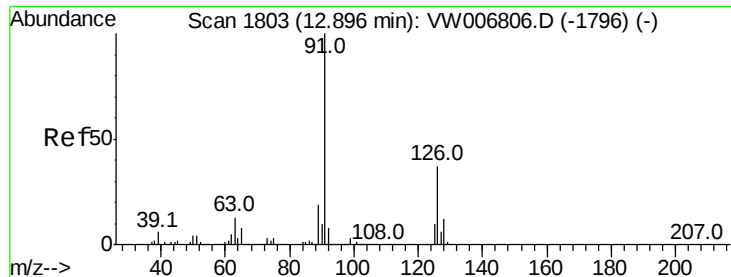
#78
n-propylbenzene
Concen: 20.686 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VW006805.D
Acq: 12 Nov 2018 13:16

Tgt Ion: 91 Resp: 395154
Ion Ratio Lower Upper
91 100
120 24.6 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: 20.581 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW006805.D

Acq: 12 Nov 2018 13:16

Instrument :

MSVOA_W

ClientSampleId :

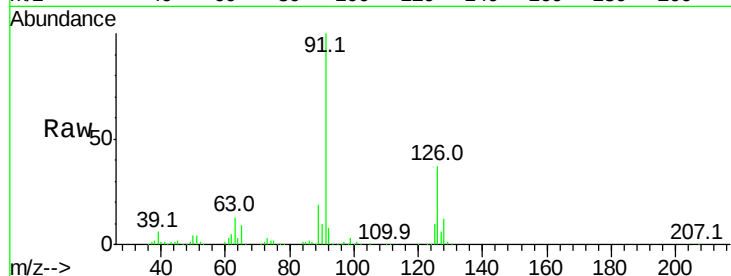
VSTDIC020

Tgt Ion: 91 Resp: 221482

Ion Ratio Lower Upper

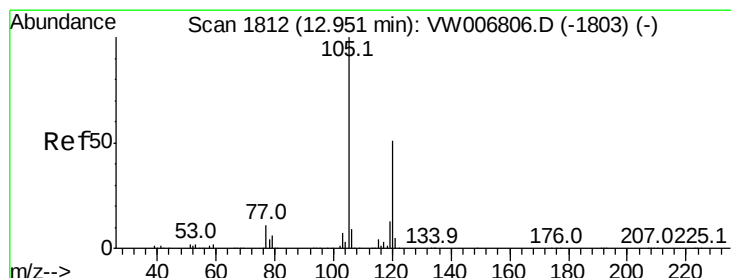
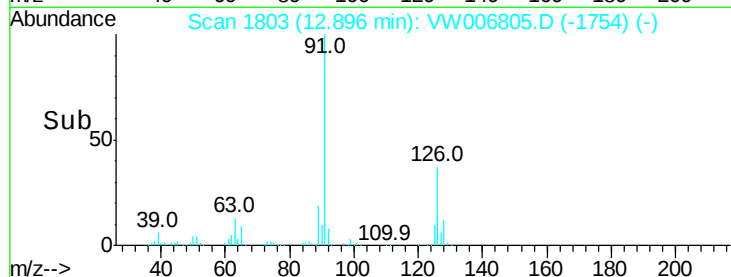
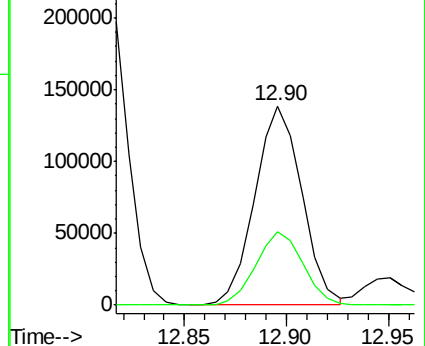
91 100

126 37.3 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.671 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW006805.D

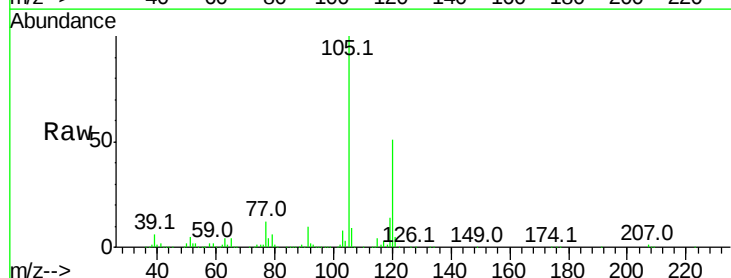
Acq: 12 Nov 2018 13:16

Tgt Ion: 105 Resp: 287936

Ion Ratio Lower Upper

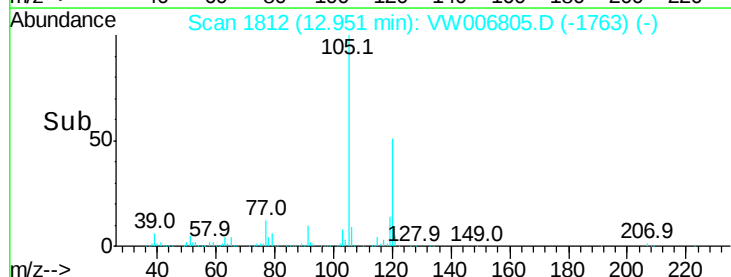
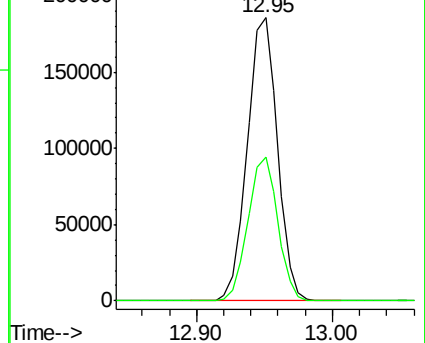
105 100

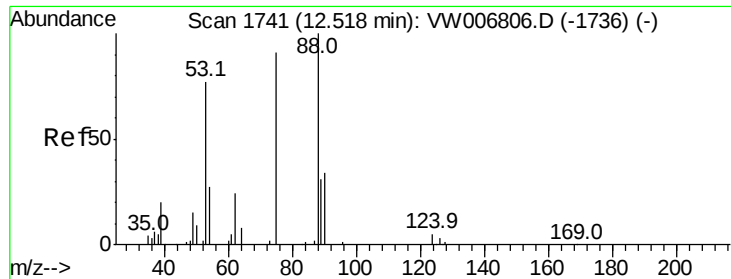
120 50.6 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

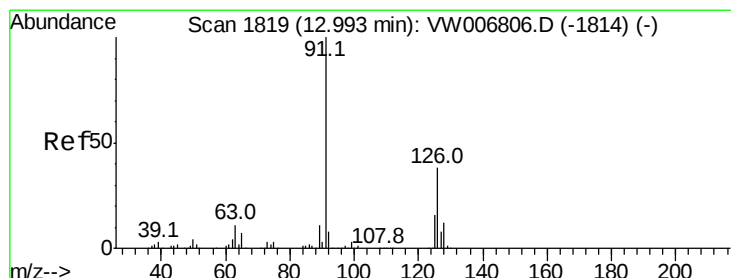
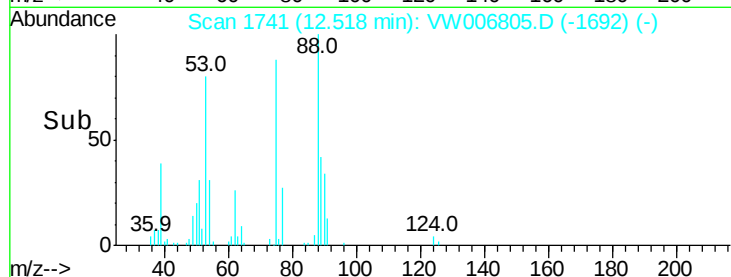
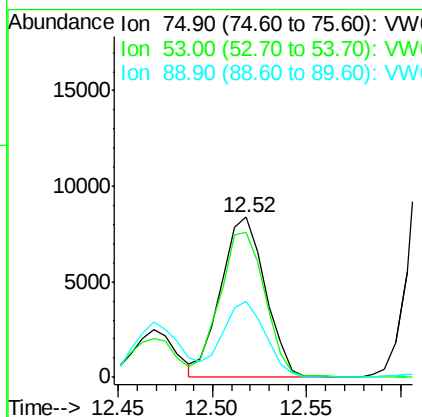
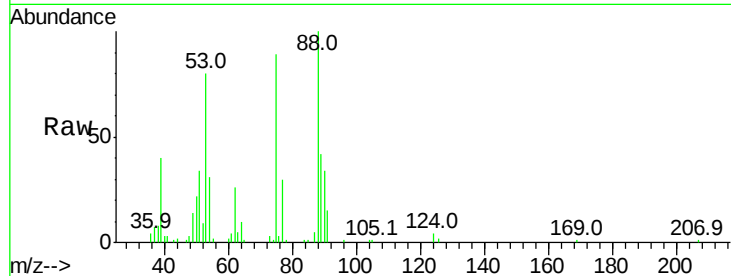




#81
trans-1,4-Dichloro-2-butene
Concen: 20.109 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW006805.D
Acq: 12 Nov 2018 13:16

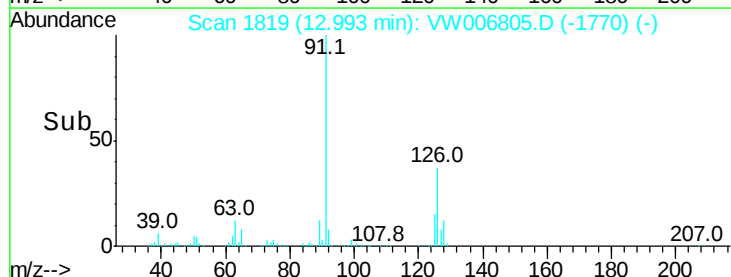
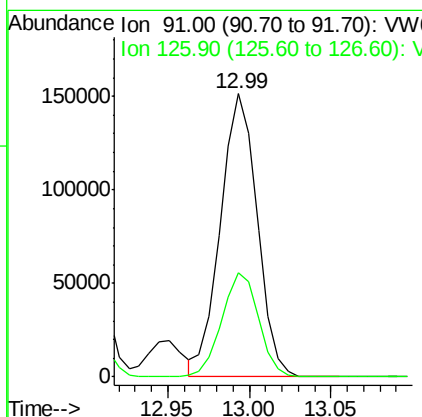
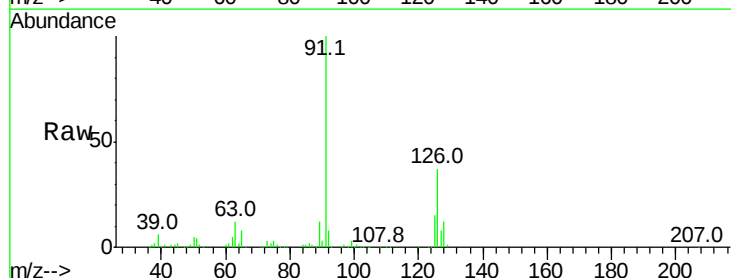
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

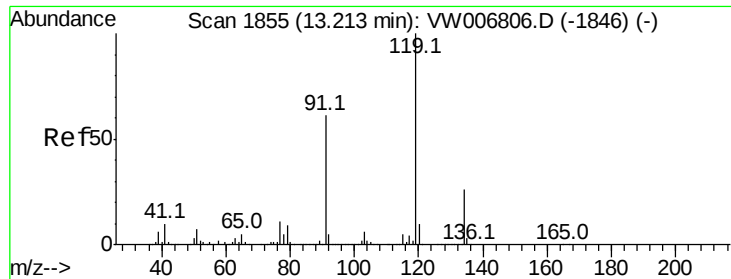
Tgt Ion: 75 Resp: 13782
Ion Ratio Lower Upper
75 100
53 92.0 72.9 109.3
89 45.4 38.7 58.1



#82
4-Chlorotoluene
Concen: 20.576 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW006805.D
Acq: 12 Nov 2018 13:16

Tgt Ion: 91 Resp: 236656
Ion Ratio Lower Upper
91 100
126 37.0 18.4 55.2

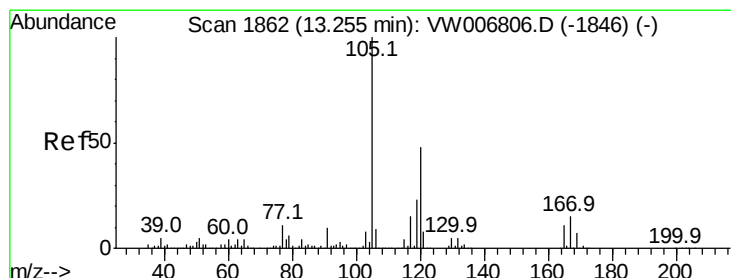
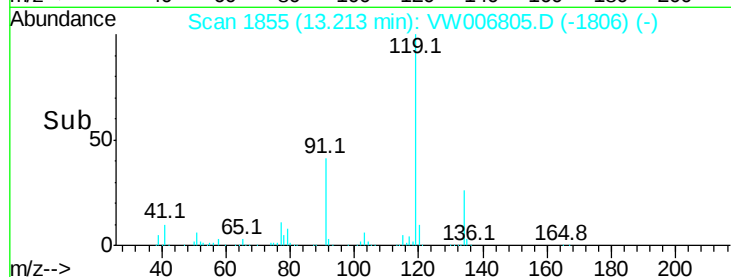
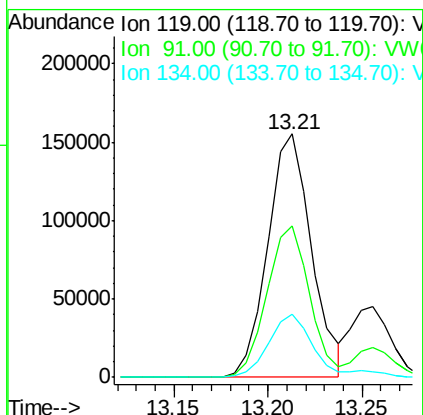
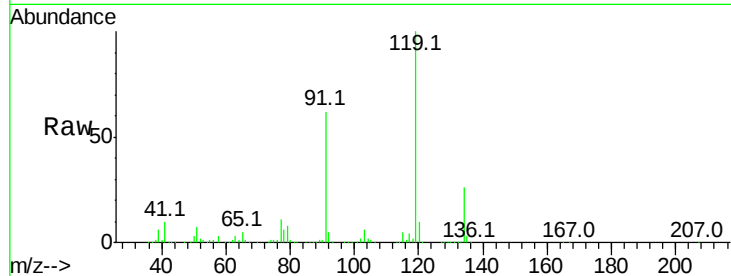




#83
tert-Butylbenzene
Concen: 20.826 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW006805.D
Acq: 12 Nov 2018 13:16

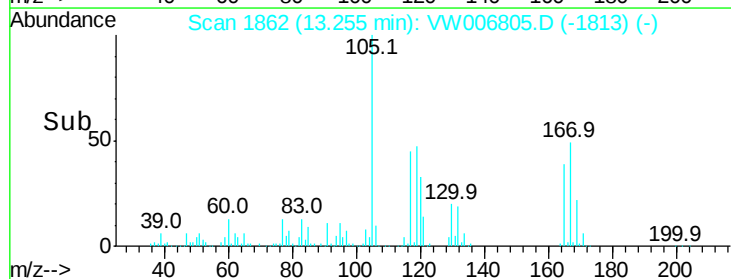
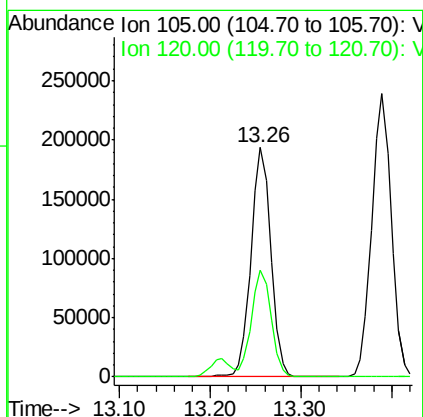
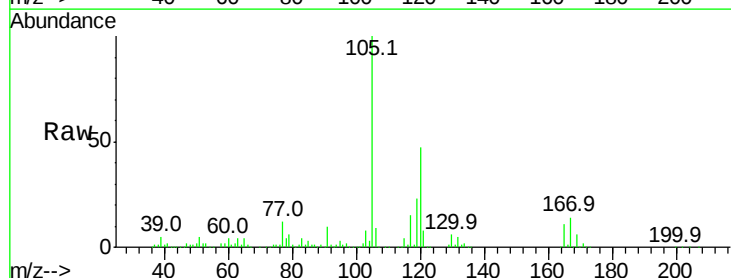
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

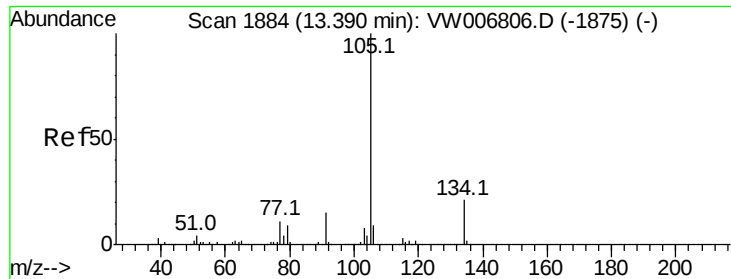
Tgt Ion:119 Resp: 250669
Ion Ratio Lower Upper
119 100
91 60.5 30.0 90.1
134 25.5 13.4 40.2



#84
1,2,4-Trimethylbenzene
Concen: 20.632 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW006805.D
Acq: 12 Nov 2018 13:16

Tgt Ion:105 Resp: 294458
Ion Ratio Lower Upper
105 100
120 46.0 23.4 70.0





#85

sec-Butylbenzene

Concen: 20.777 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW006805.D

Acq: 12 Nov 2018 13:16

Instrument :

MSVOA_W

ClientSampleId :

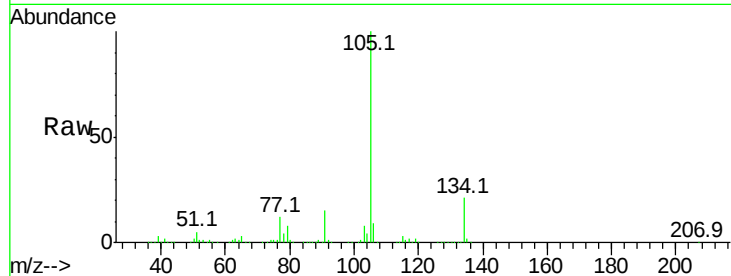
VSTDIC020

Tgt Ion:105 Resp: 357919

Ion Ratio Lower Upper

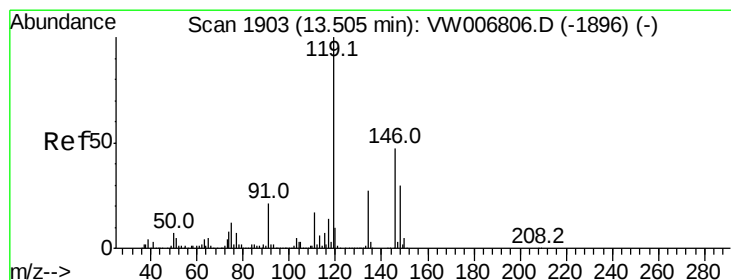
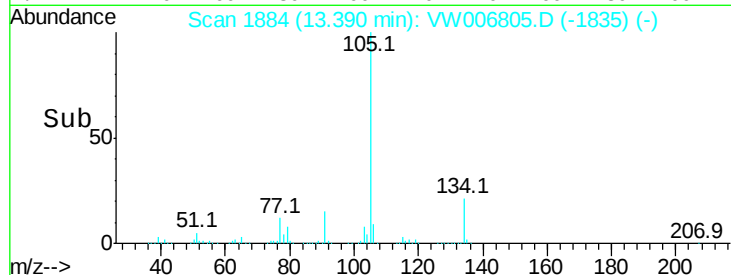
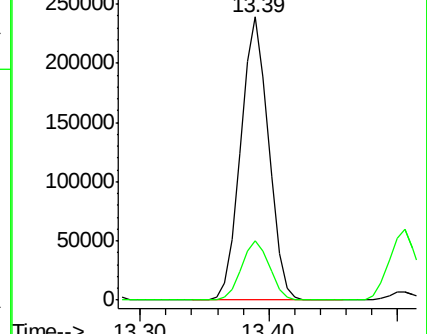
105 100

134 21.2 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.636 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006805.D

Acq: 12 Nov 2018 13:16

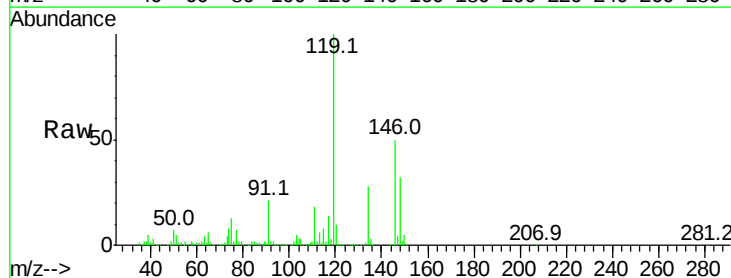
Tgt Ion:119 Resp: 324261

Ion Ratio Lower Upper

119 100

134 27.4 13.5 40.4

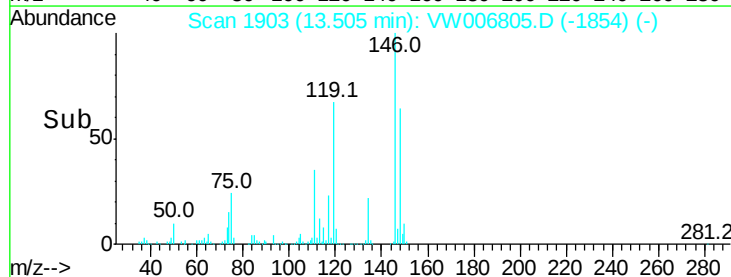
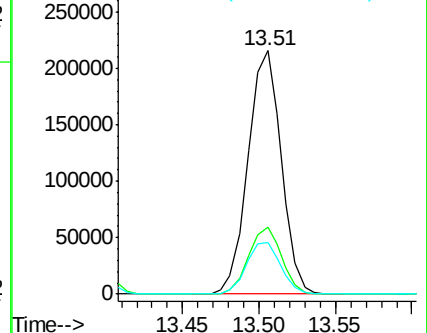
91 21.9 10.8 32.4

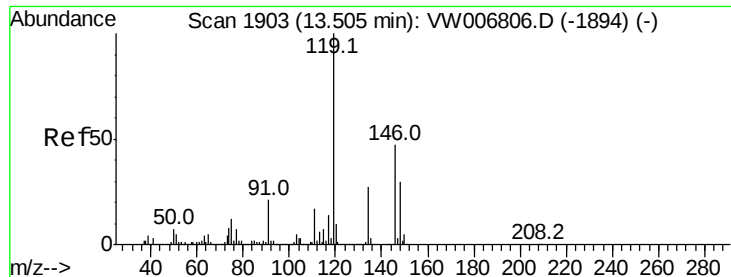


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

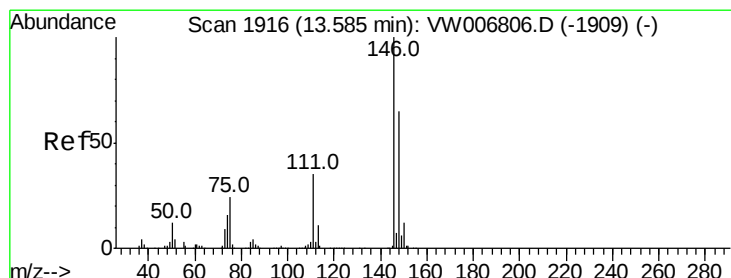
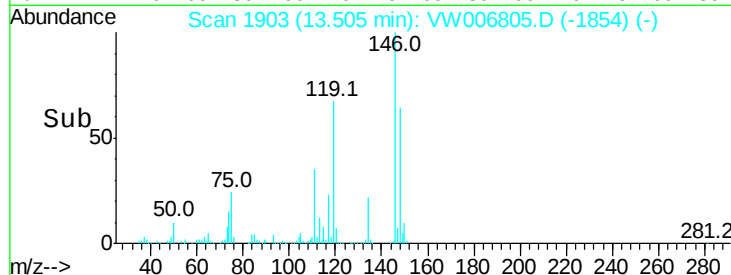
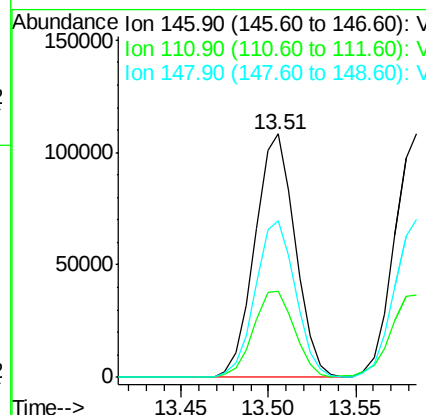
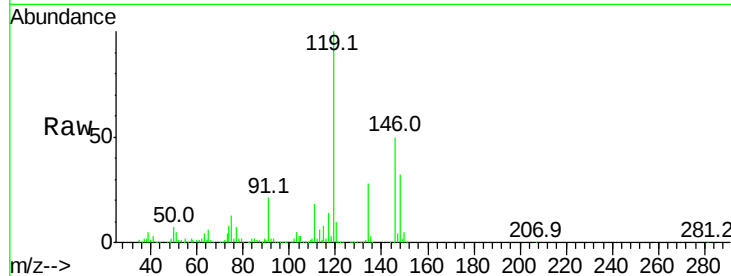




#87
 1,3-Dichlorobenzene
 Concen: 20.489 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006805.D
 Acq: 12 Nov 2018 13:16

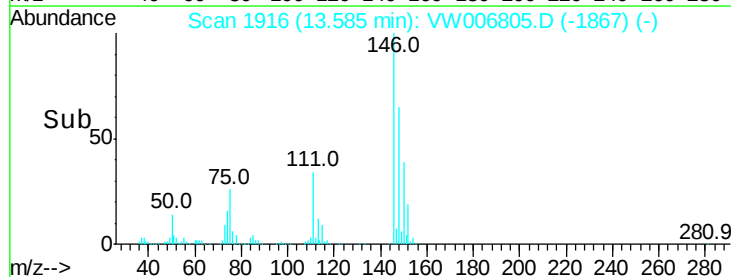
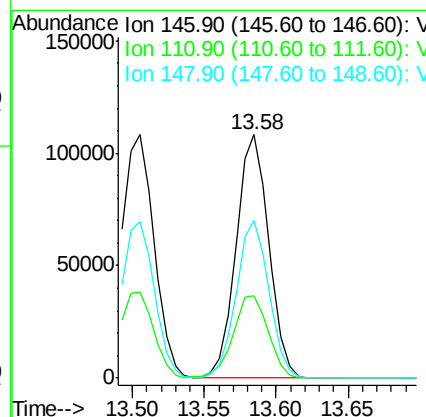
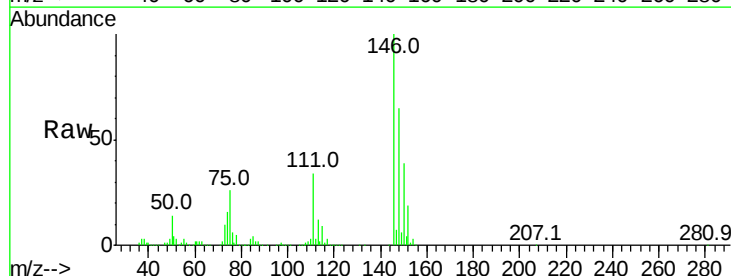
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

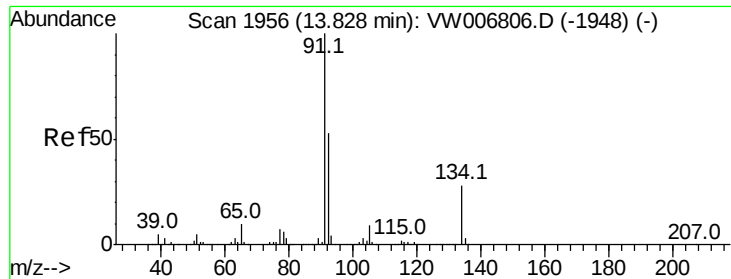
Tgt Ion:146 Resp: 173039
 Ion Ratio Lower Upper
 146 100
 111 36.1 18.3 54.9
 148 63.9 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 20.377 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW006805.D
 Acq: 12 Nov 2018 13:16

Tgt Ion:146 Resp: 171404
 Ion Ratio Lower Upper
 146 100
 111 36.8 17.8 53.3
 148 64.8 32.0 96.0





#89

n-Butylbenzene

Concen: 20.445 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW006805.D

Acq: 12 Nov 2018 13:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

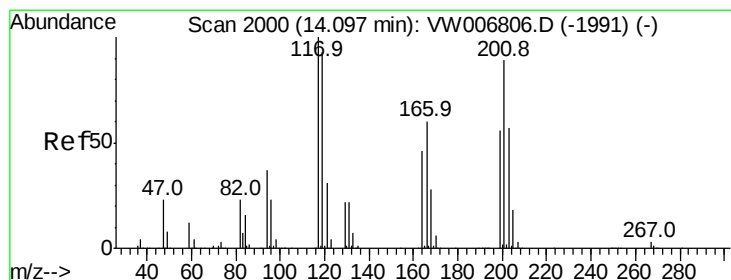
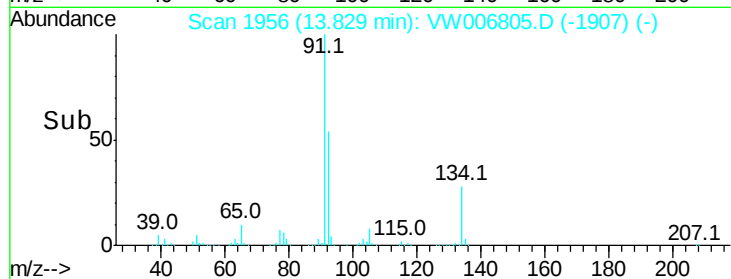
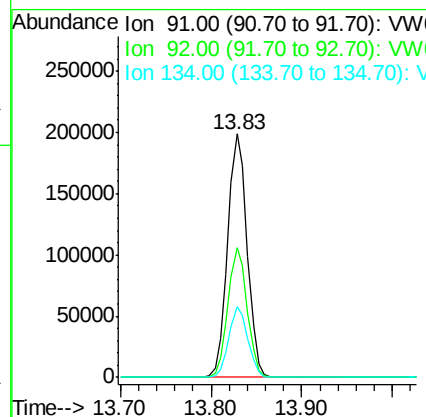
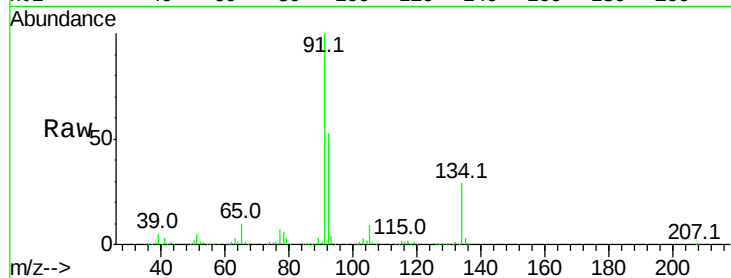
Tgt Ion: 91 Resp: 296505

Ion Ratio Lower Upper

91 100

92 52.4 26.5 79.4

134 28.3 14.4 43.2



#90

Hexachloroethane

Concen: 20.766 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW006805.D

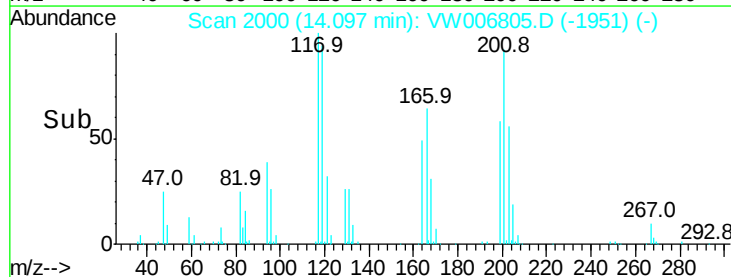
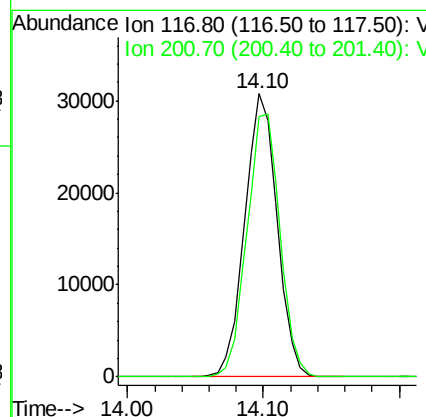
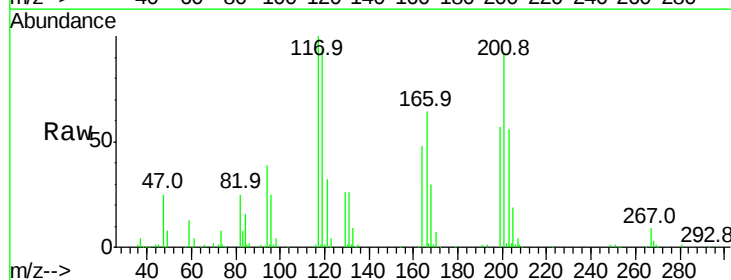
Acq: 12 Nov 2018 13:16

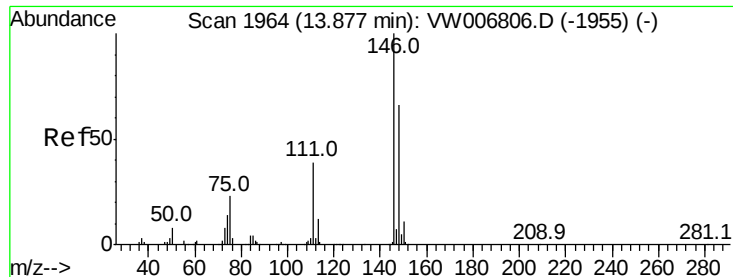
Tgt Ion: 117 Resp: 51192

Ion Ratio Lower Upper

117 100

201 94.9 46.9 140.6

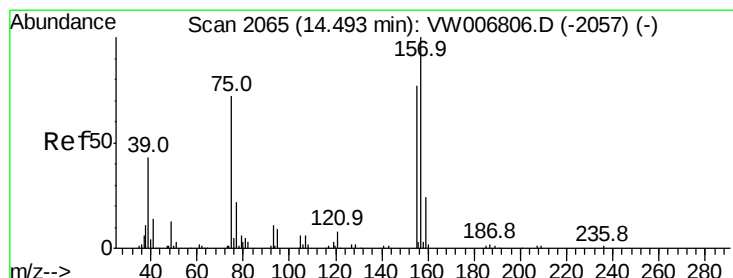
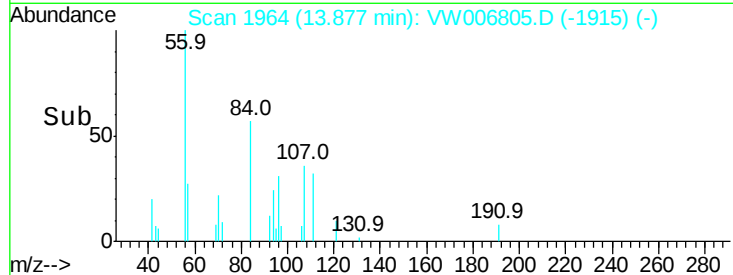
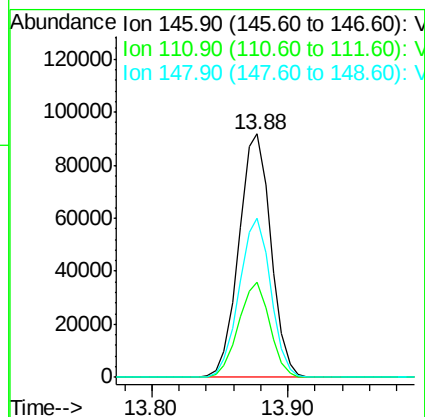
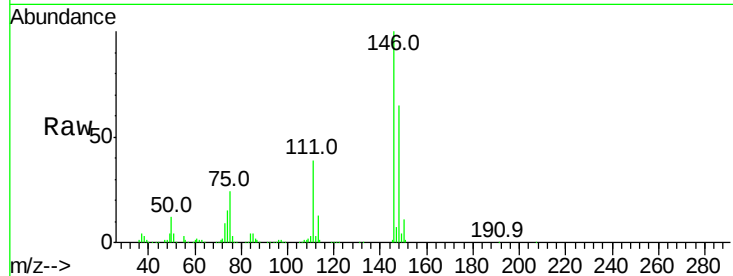




#91
 1,2-Dichlorobenzene
 Concen: 20.426 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW006805.D
 Acq: 12 Nov 2018 13:16

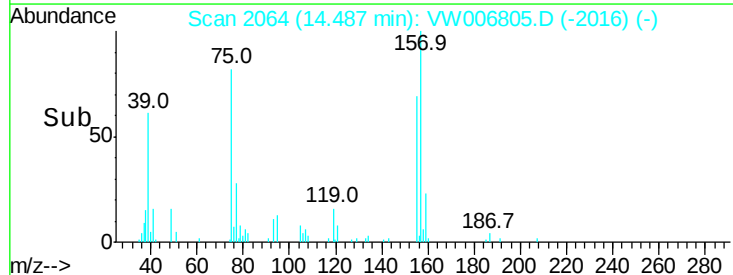
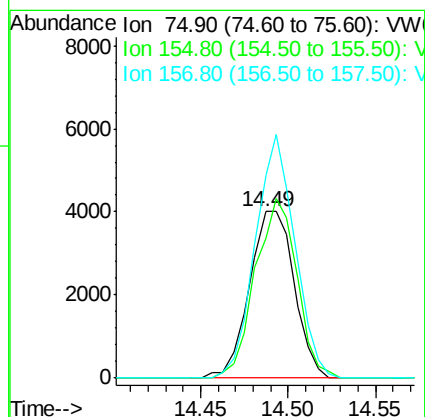
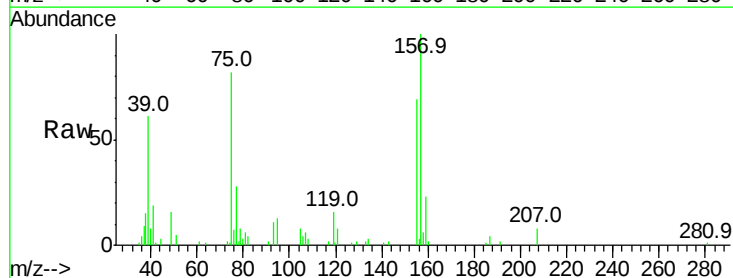
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

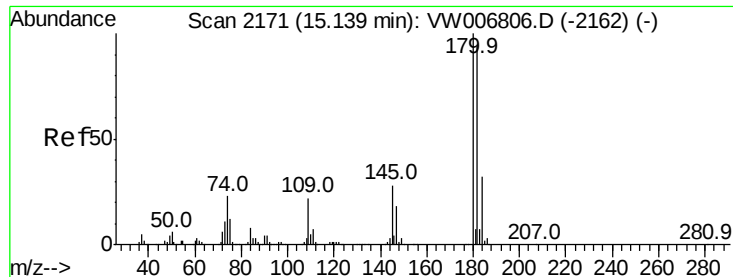
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.3	57.8
148	64.3	32.4	97.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.451 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: VW006805.D
 Acq: 12 Nov 2018 13:16

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.9	51.0	153.1
157	128.8	67.4	202.2

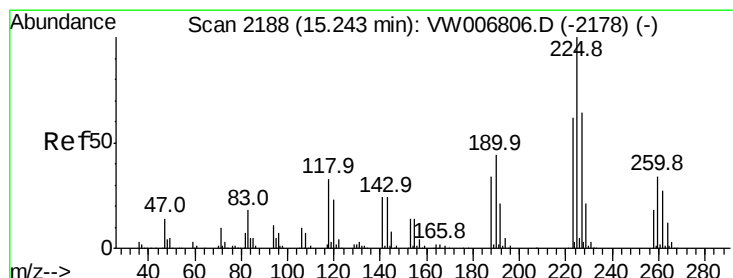
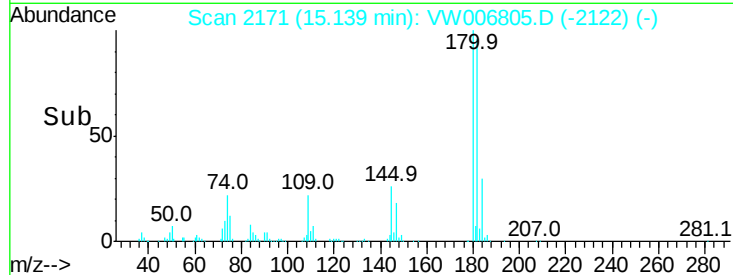
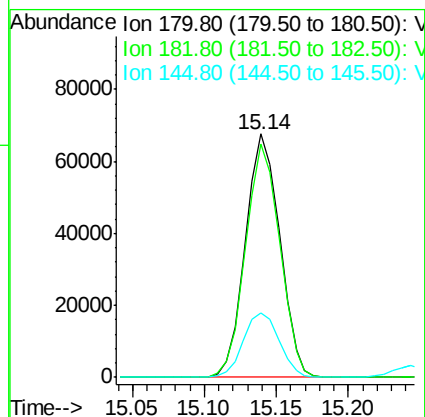
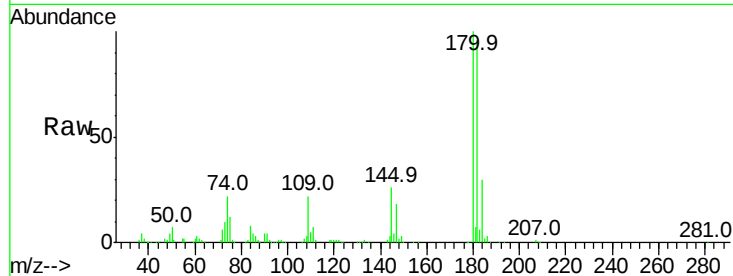




#93
 1,2,4-Trichlorobenzene
 Concen: 20.448 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW006805.D
 Acq: 12 Nov 2018 13:16

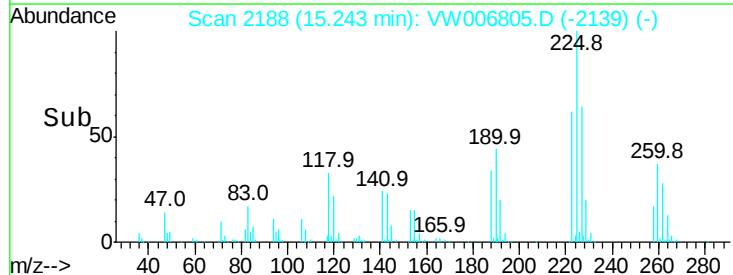
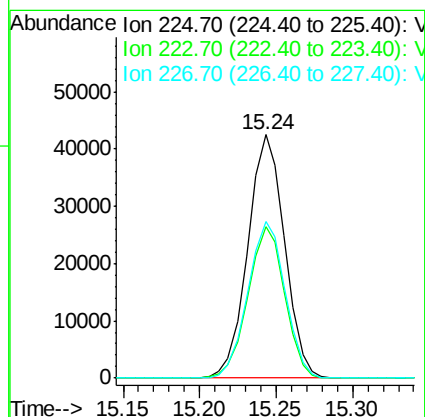
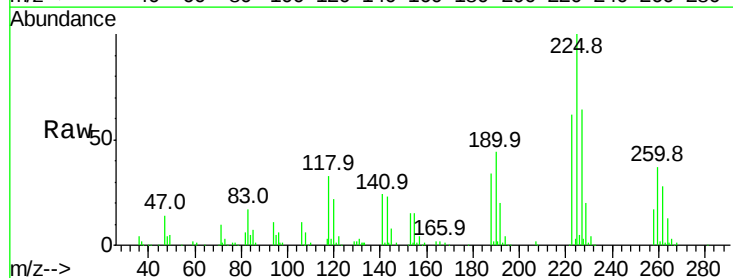
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

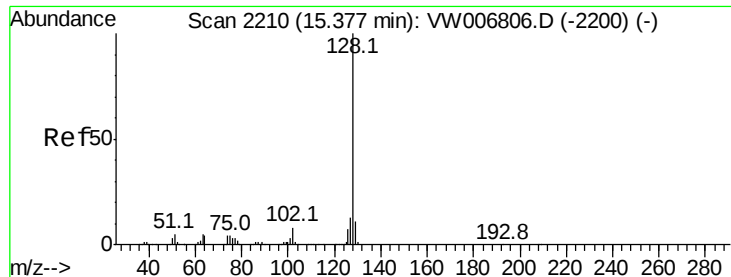
Tgt Ion:180 Resp: 111836
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.5 142.5
 145 27.6 14.0 41.9



#94
 Hexachlorobutadiene
 Concen: 20.618 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW006805.D
 Acq: 12 Nov 2018 13:16

Tgt Ion:225 Resp: 70969
 Ion Ratio Lower Upper
 225 100
 223 62.1 31.2 93.6
 227 65.3 32.3 96.9

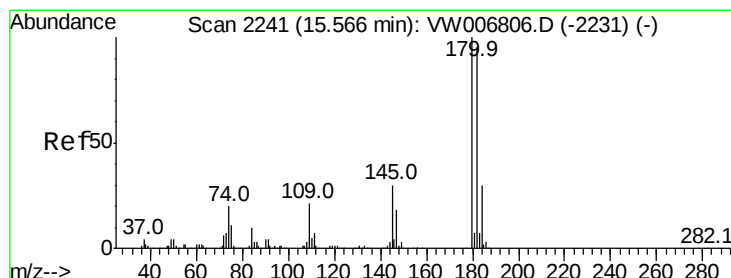
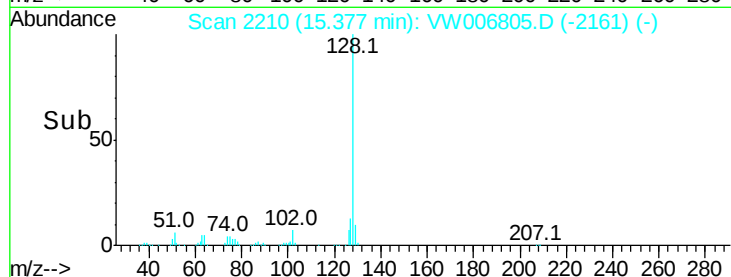
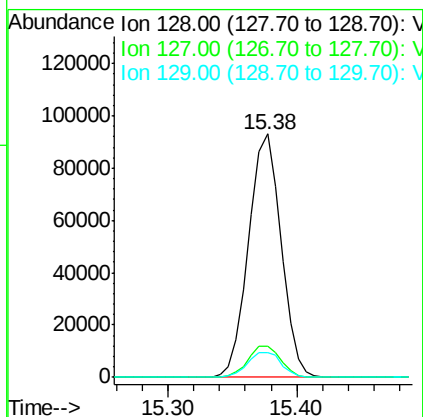
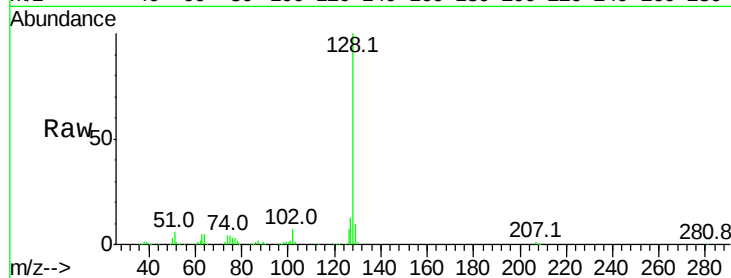




#95
Naphthalene
Concen: 19.391 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006805.D
Acq: 12 Nov 2018 13:16

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion:128 Resp: 162278
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.854 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006805.D
Acq: 12 Nov 2018 13:16

Tgt Ion:180 Resp: 93931
Ion Ratio Lower Upper
180 100
182 95.6 47.9 143.6
145 29.6 15.2 45.5

