

Data File : VW006807.D
Acq On : 12 Nov 2018 14:07
Operator : SY/AP
Sample : VSTDICC100
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Quant Time: Nov 12 14:32:47 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	342076	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	455008	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	448604	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	255370	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	223571	89.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	178.36%	
35) Dibromofluoromethane	7.89	113	247778	95.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	191.34%	
50) Toluene-d8	10.33	98	1032392	94.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	189.44%	
62) 4-Bromofluorobenzene	12.62	95	390054	98.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	196.52%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.00	85	259950	93.465 ug/l	99
3) Chloromethane	2.21	50	302269	90.529 ug/l	100
4) Vinyl Chloride	2.36	62	324561	92.461 ug/l	100
5) Bromomethane	2.78	94	201824	85.290 ug/l	100
6) Chloroethane	2.92	64	206975	90.098 ug/l	100
7) Trichlorofluoromethane	3.26	101	429824	97.454 ug/l	99
8) Diethyl Ether	3.69	74	129769	101.138 ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	275391	93.971 ug/l	100
10) Methyl Iodide	4.28	142	439918	108.051 ug/l	99
11) Tert butyl alcohol	5.22	59	88360	535.496 ug/l	99
12) 1,1-Dichloroethene	4.04	96	254549	104.167 ug/l	97
13) Acrolein	3.90	56	81591	474.778 ug/l	98
14) Allyl chloride	4.68	41	342691	104.030 ug/l	100
15) Acrylonitrile	5.38	53	264155	514.339 ug/l	99
16) Acetone	4.15	43	182643	503.288 ug/l	99
17) Carbon Disulfide	4.39	76	827150	102.612 ug/l	100
18) Methyl Acetate	4.68	43	122740	96.381 ug/l	98
19) Methyl tert-butyl Ether	5.43	73	626929	104.745 ug/l	99
20) Methylene Chloride	4.92	84	303065	86.385 ug/l	99
21) trans-1,2-Dichloroethene	5.43	96	293163	100.296 ug/l	98
22) Diisopropyl ether	6.32	45	716294	103.180 ug/l	99
23) Vinyl Acetate	6.26	43	2072886	523.541 ug/l	99
24) 1,1-Dichloroethane	6.22	63	459249	101.125 ug/l	99
25) 2-Butanone	7.18	43	302642	505.089 ug/l	100
26) 2,2-Dichloropropane	7.17	77	419873	97.039 ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	322044	102.825 ug/l	99
28) Bromochloromethane	7.52	49	160470	94.340 ug/l	100
29) Tetrahydrofuran	7.54	42	200166	509.688 ug/l	99
30) Chloroform	7.68	83	494617	98.294 ug/l	99
31) Cyclohexane	7.96	56	424072	90.669 ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	458441	95.994 ug/l	99
36) 1,1-Dichloropropene	8.09	75	400703	97.050 ug/l	99
37) Ethyl Acetate	7.26	43	139734	95.299 ug/l	99
38) Carbon Tetrachloride	8.07	117	423540	96.011 ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	543898	103.464	ug/l	99
40) Benzene	8.33	78	1161751	99.645	ug/l	99
41) Methacrylonitrile	7.49	41	89354	105.040	ug/l	97
42) 1,2-Dichloroethane	8.40	62	300120	94.569	ug/l	100
43) Isopropyl Acetate	8.43	43	287635	104.642	ug/l	98
44) Trichloroethene	9.10	130	354322	98.843	ug/l	100
45) 1,2-Dichloropropane	9.37	63	267292	97.616	ug/l	98
46) Dibromomethane	9.46	93	149612	97.320	ug/l	99
47) Bromodichloromethane	9.65	83	366173	98.159	ug/l	100
48) Methyl methacrylate	9.44	41	135760	104.869	ug/l	98
49) 1,4-Dioxane	9.48	88	46874	2036.639	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	718564	508.817	ug/l	100
52) Toluene	10.39	92	832637	101.579	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	392977	108.640	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	449379	104.782	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	228358	100.832	ug/l	98
56) Ethyl methacrylate	10.65	69	274335	109.696	ug/l	99
57) 1,3-Dichloropropane	10.93	76	364098	100.568	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	652215	523.674	ug/l	99
59) 2-Hexanone	10.98	43	507689	530.460	ug/l	99
60) Dibromochloromethane	11.13	129	292712	107.525	ug/l	99
61) 1,2-Dibromoethane	11.24	107	222441	102.088	ug/l	99
64) Tetrachloroethene	10.87	164	340307	99.340	ug/l	99
65) Chlorobenzene	11.66	112	961367	100.679	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	322834	105.538	ug/l	100
67) Ethyl Benzene	11.74	91	1670914	104.018	ug/l	98
68) m/p-Xylenes	11.84	106	1359161	207.435	ug/l	100
69) o-Xylene	12.17	106	643847	106.735	ug/l	100
70) Styrene	12.18	104	1055612	107.663	ug/l	99
71) Bromoform	12.35	173	187554	110.687	ug/l	99
73) Isopropylbenzene	12.47	105	1752458	106.658	ug/l	99
74) N-amyl acetate	12.28	43	287720	107.433	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	249451	101.906	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	331190	177.840	ug/l #	100
77) Bromobenzene	12.75	156	437657	103.016	ug/l	99
78) n-propylbenzene	12.81	91	2050896	105.051	ug/l	100
79) 2-Chlorotoluene	12.90	91	1141994	103.836	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	1493227	104.890	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	80928	115.542	ug/l	95
82) 4-Chlorotoluene	12.99	91	1208987	102.855	ug/l	99
83) tert-Butylbenzene	13.21	119	1323210	107.568	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	1523436	104.447	ug/l	100
85) sec-Butylbenzene	13.39	105	1869810	106.205	ug/l	100
86) p-Isopropyltoluene	13.51	119	1709005	106.421	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	872255	101.058	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	856897	99.680	ug/l	99
89) n-Butylbenzene	13.83	91	1552852	104.769	ug/l	100
90) Hexachloroethane	14.10	117	278939	110.718	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	764066	101.191	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	39760	100.591	ug/l	97

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	589146	105.400	ug/l	99
94) Hexachlorobutadiene	15.24	225	357438	101.609	ug/l	100
95) Naphthalene	15.38	128	958061	112.018	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	505625	104.571	ug/l	100

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

Data File : VW006807.D

Acq On : 12 Nov 2018 14:07

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Misc : 5.00G/5ML/MSVOA_W/SOIL

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Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

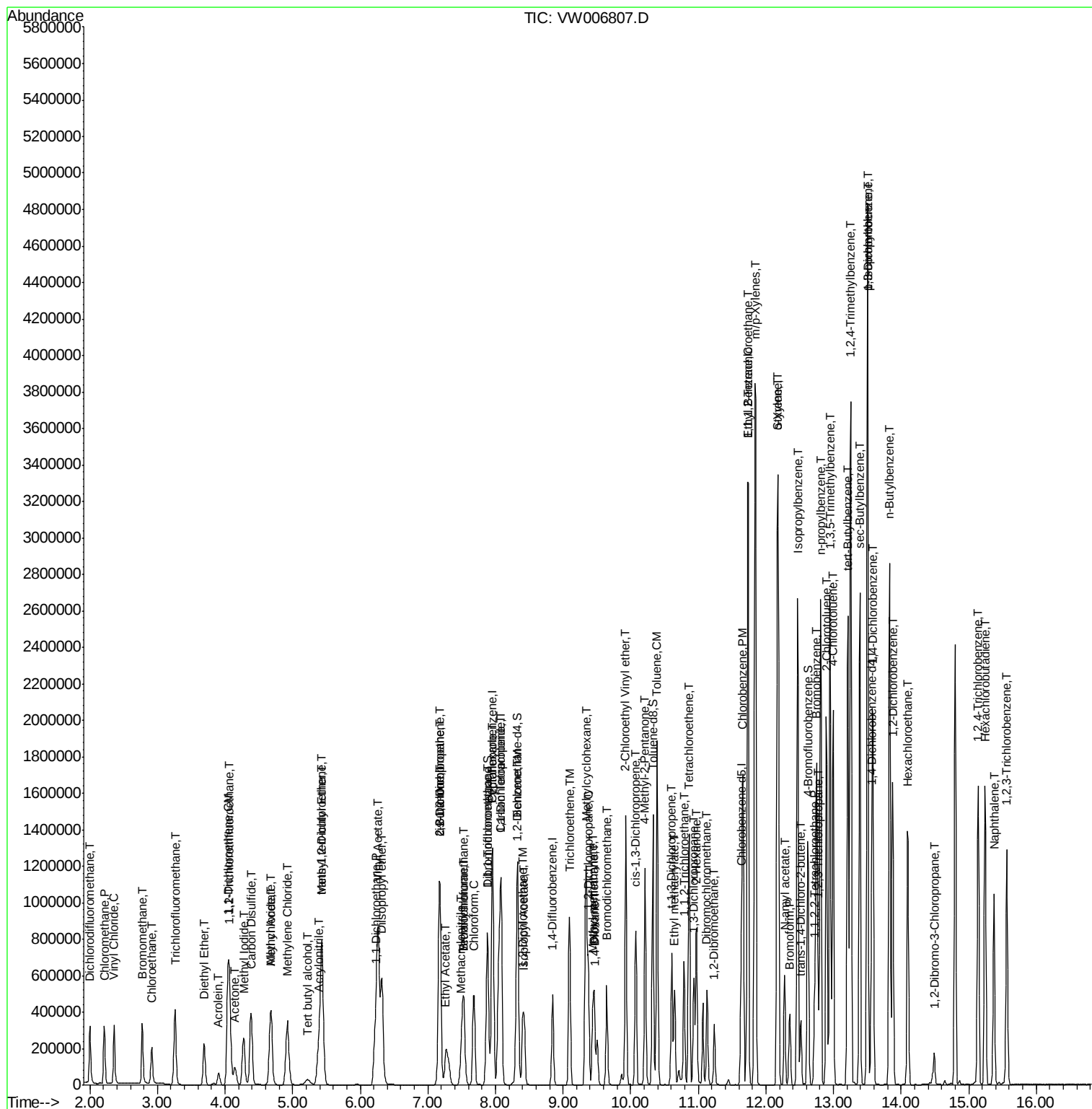
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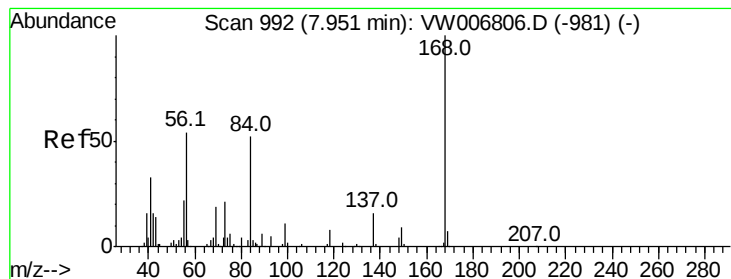
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Quant Title : SW846 8260

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

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW006807.D

Acq: 12 Nov 2018 14:07

Instrument :

MSVOA_W

ClientSampleId :

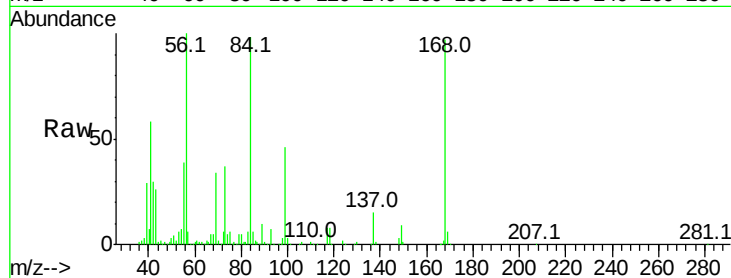
VSTDICC100

Tgt Ion:168 Resp: 342076

Ion Ratio Lower Upper

168 100

99 47.6 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

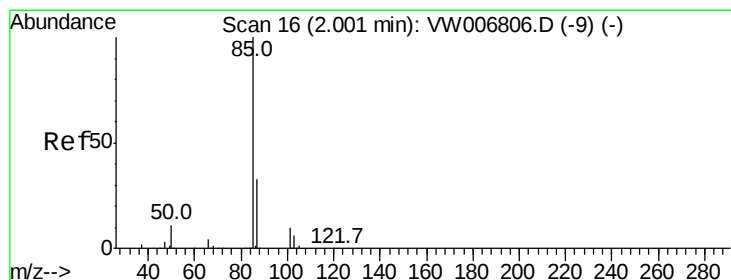
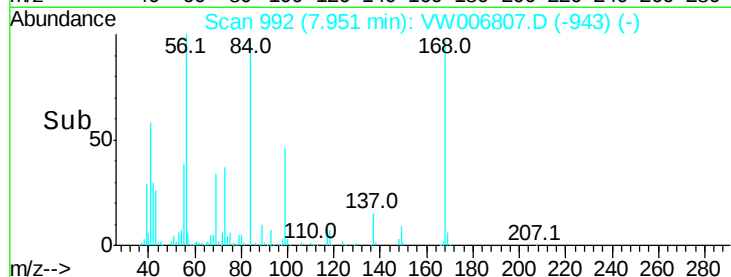
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50000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 93.465 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW006807.D

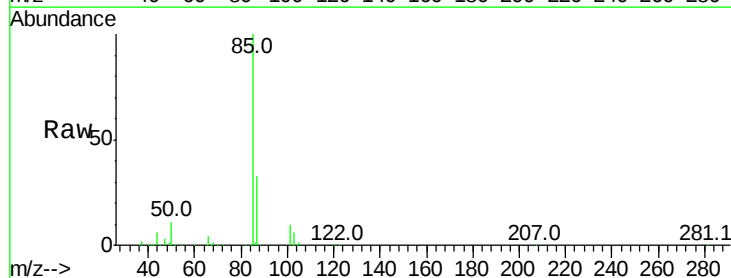
Acq: 12 Nov 2018 14:07

Tgt Ion: 85 Resp: 259950

Ion Ratio Lower Upper

85 100

87 33.4 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

200000

150000

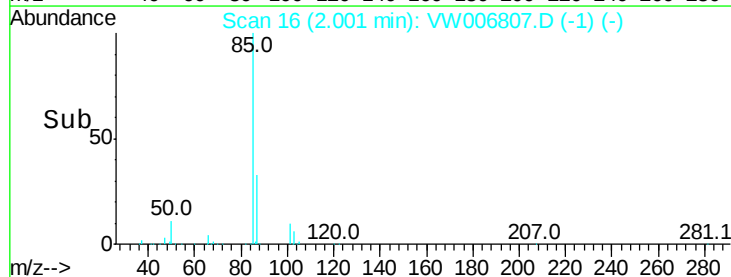
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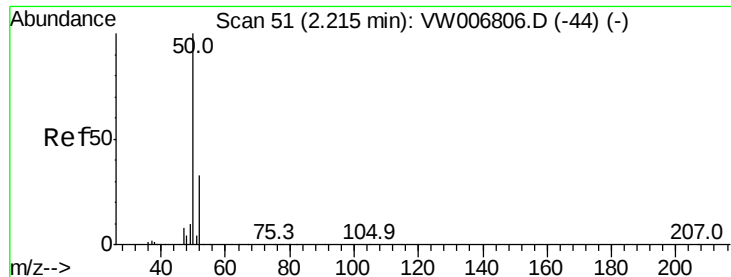
50000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 90.529 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW006807.D

Acq: 12 Nov 2018 14:07

Instrument :

MSVOA_W

ClientSampleId :

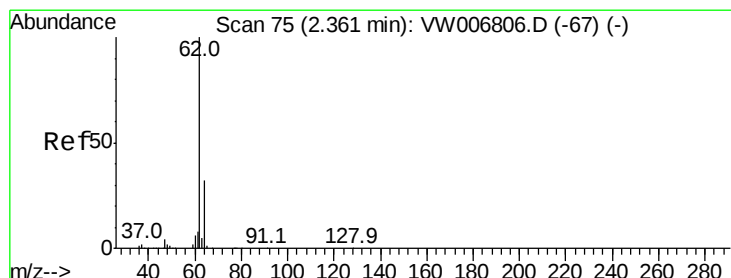
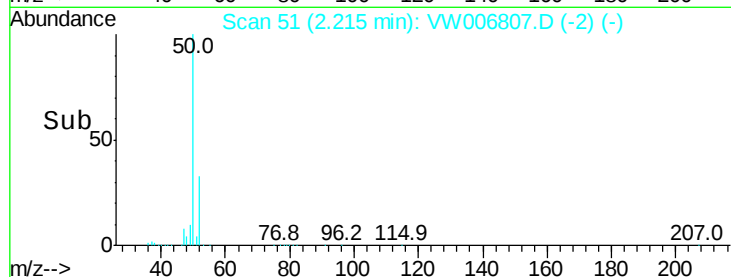
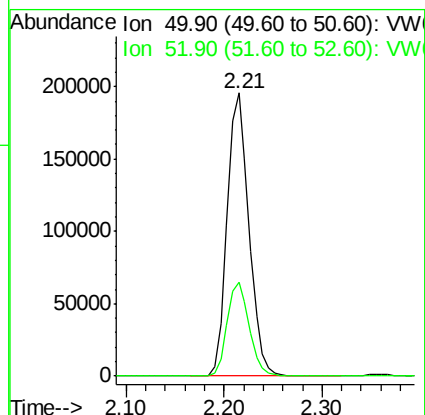
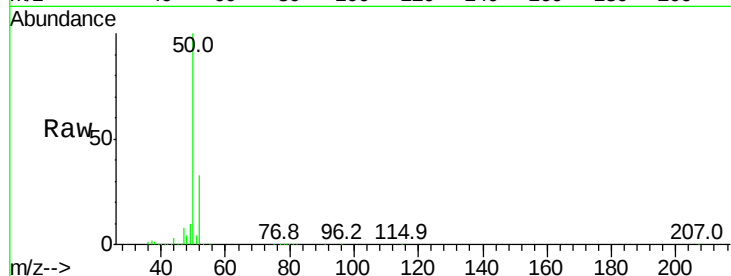
VSTDIC100

Tgt Ion: 50 Resp: 302269

Ion Ratio Lower Upper

50 100

52 33.0 26.2 39.4



#4

Vinyl Chloride

Concen: 92.461 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW006807.D

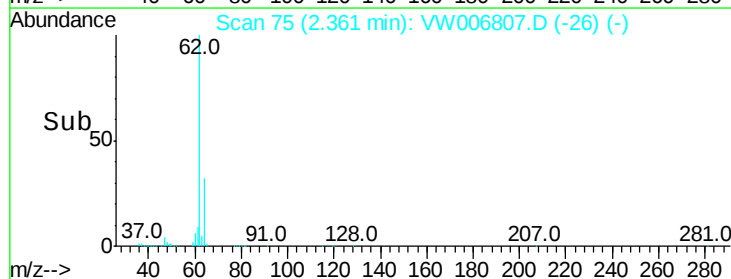
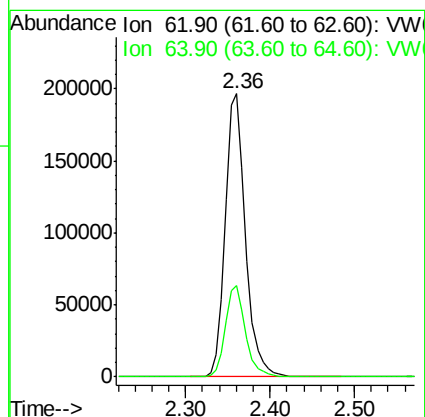
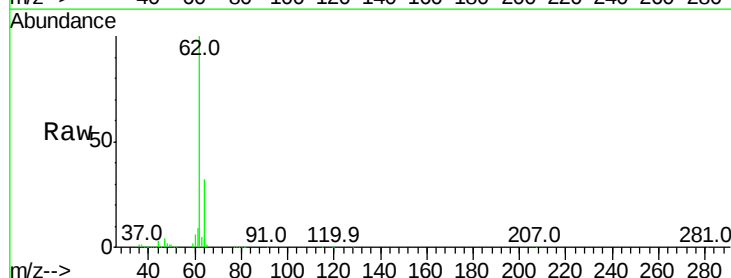
Acq: 12 Nov 2018 14:07

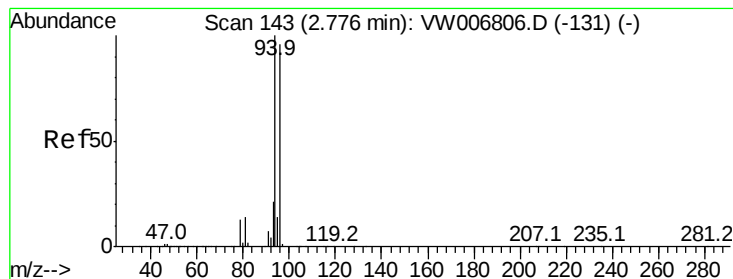
Tgt Ion: 62 Resp: 324561

Ion Ratio Lower Upper

62 100

64 32.2 25.6 38.4





#5

Bromomethane

Concen: 85.290 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.00 min

Lab File: VW006807.D

Acq: 12 Nov 2018 14:07

Instrument :

MSVOA_W

ClientSampleId :

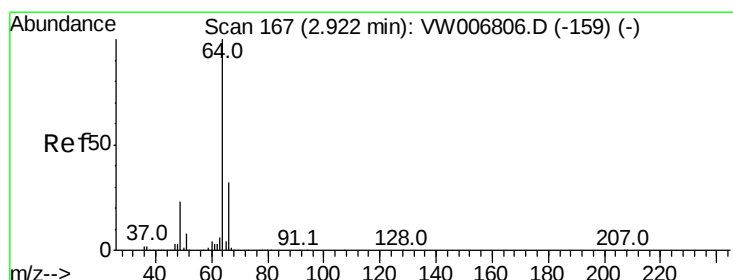
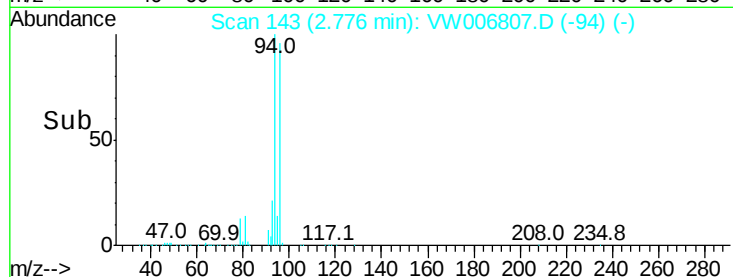
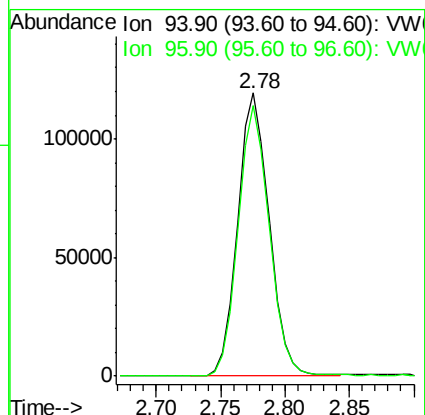
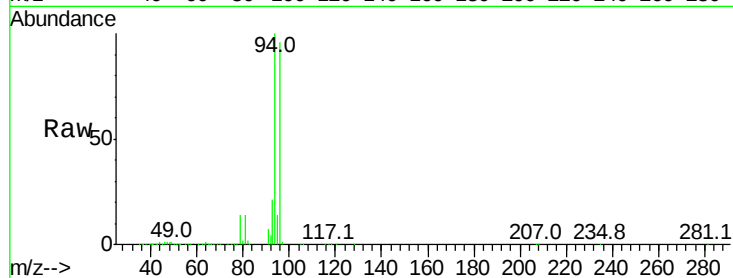
VSTDIC100

Tgt Ion: 94 Resp: 201824

Ion Ratio Lower Upper

94 100

96 95.6 76.8 115.2



#6

Chloroethane

Concen: 90.098 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW006807.D

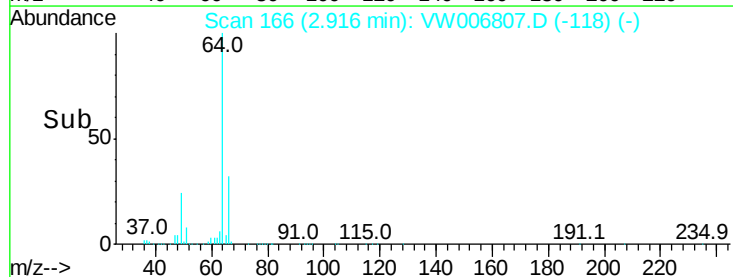
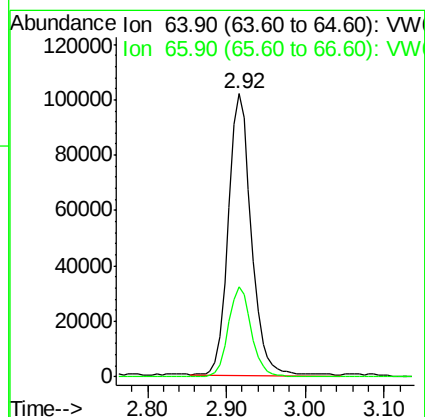
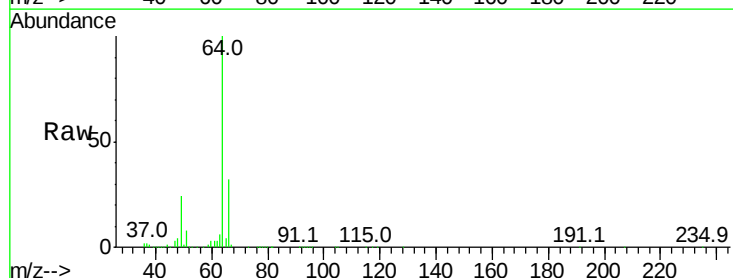
Acq: 12 Nov 2018 14:07

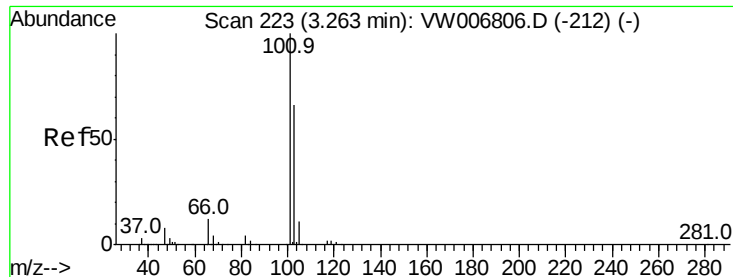
Tgt Ion: 64 Resp: 206975

Ion Ratio Lower Upper

64 100

66 31.8 25.5 38.3



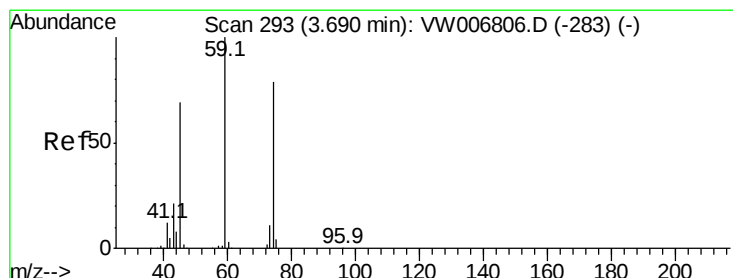
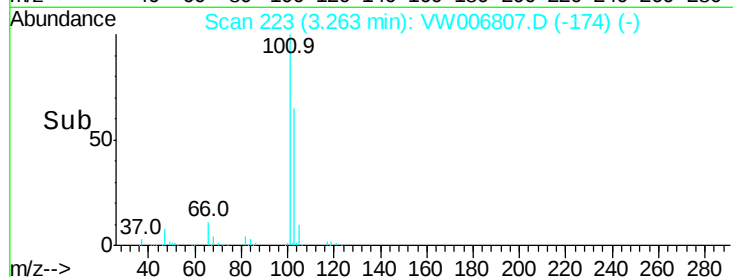
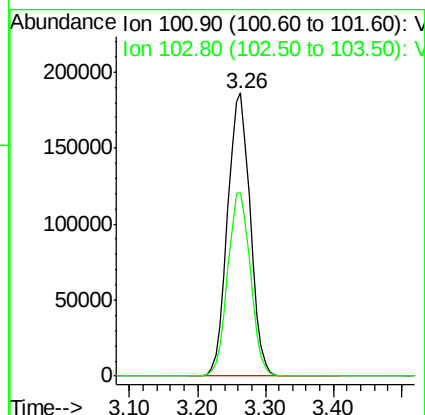
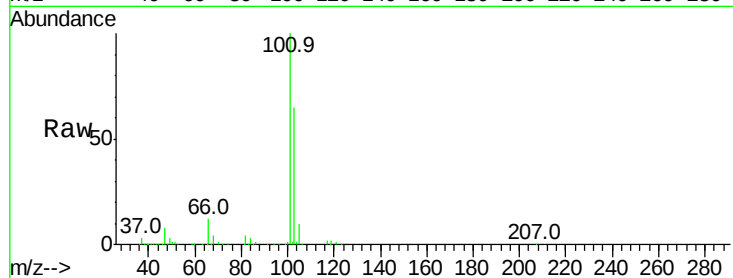


#7

Trichlorofluoromethane
 Concen: 97.454 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. -0.00 min
 Lab File: VW006807.D
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 VSTDIC100

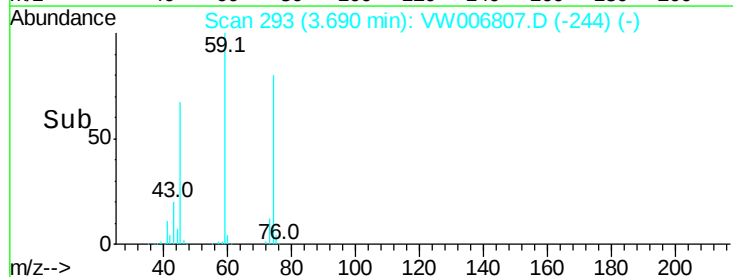
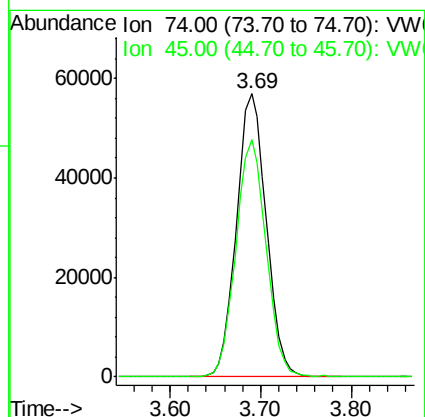
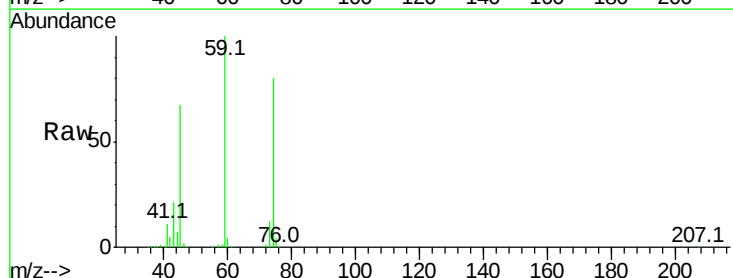
Tgt Ion: 101 Resp: 429824
 Ion Ratio Lower Upper
 101 100
 103 65.0 52.6 79.0

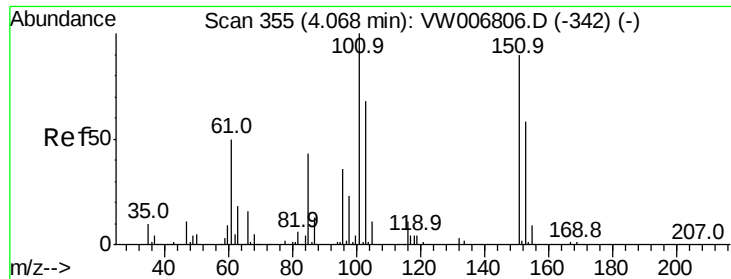


#8

Diethyl Ether
 Concen: 101.138 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VW006807.D
 Acq: 12 Nov 2018 14:07

Tgt Ion: 74 Resp: 129769
 Ion Ratio Lower Upper
 74 100
 45 85.1 43.1 129.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 93.971 ug/l

RT: 4.07 min Scan# 355

Delta R.T. -0.00 min

Lab File: VW006807.D

Acq: 12 Nov 2018 14:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

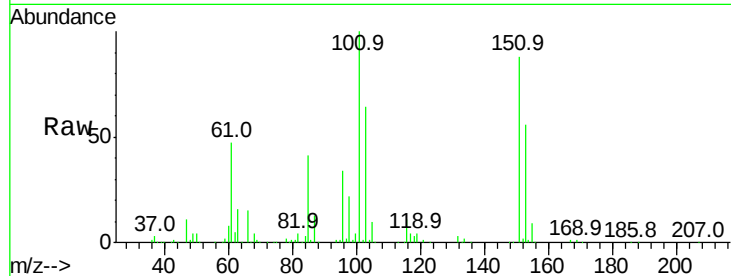
Tgt Ion:101 Resp: 275391

Ion Ratio Lower Upper

101 100

85 41.8 33.8 50.8

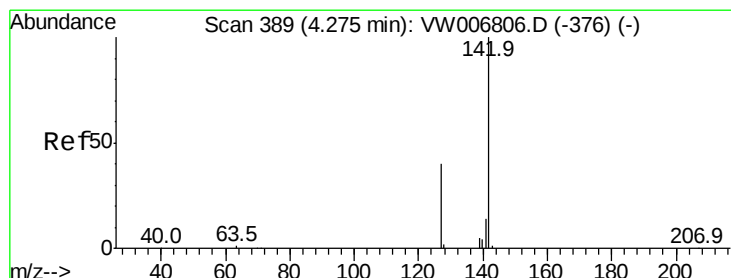
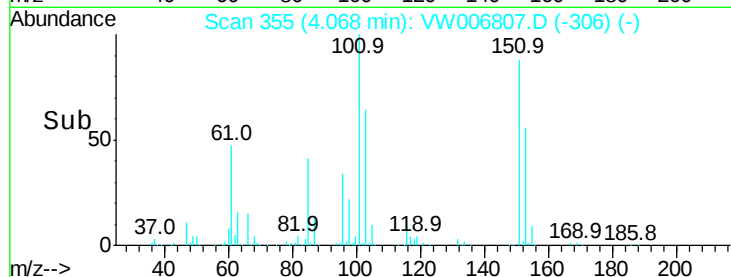
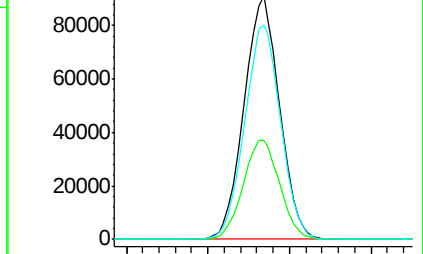
151 89.5 71.4 107.0



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: 108.051 ug/l

RT: 4.28 min Scan# 389

Delta R.T. -0.00 min

Lab File: VW006807.D

Acq: 12 Nov 2018 14:07

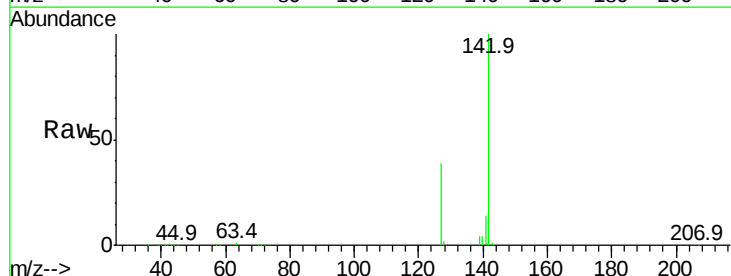
Tgt Ion:142 Resp: 439918

Ion Ratio Lower Upper

142 100

127 39.4 31.8 47.8

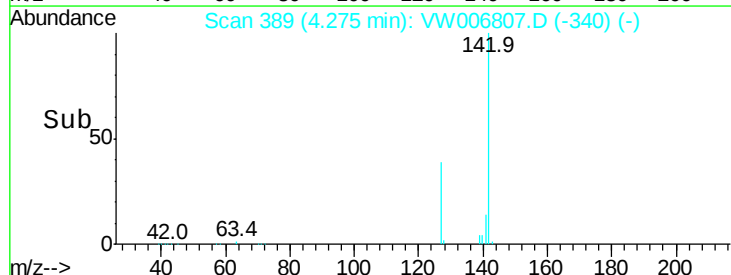
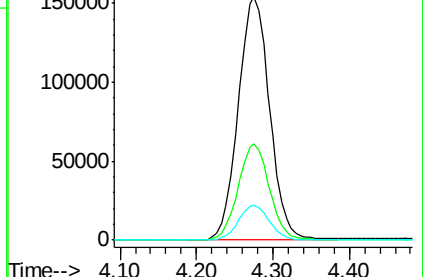
141 14.0 11.5 17.3

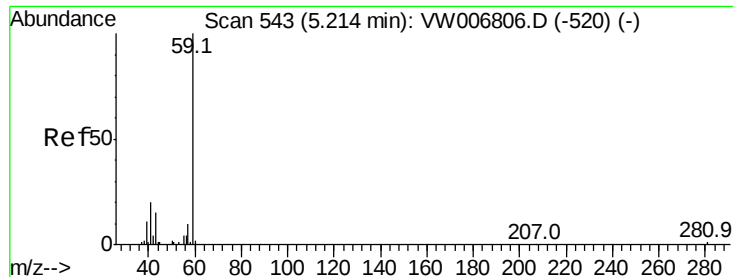


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

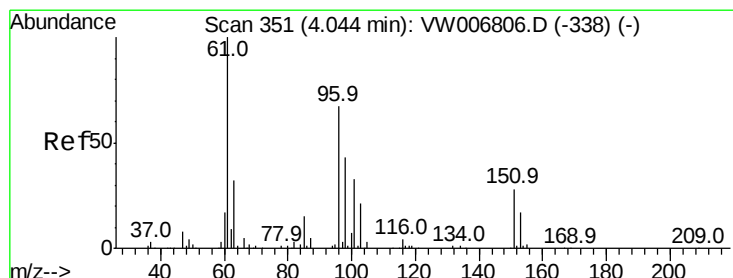
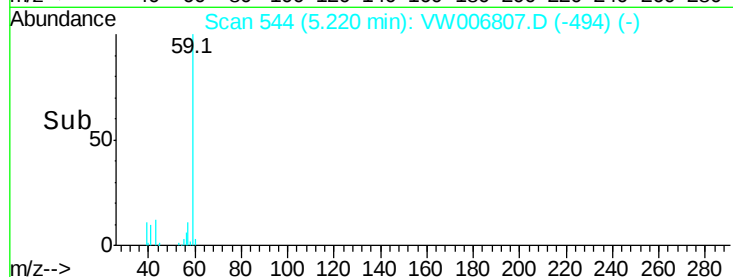
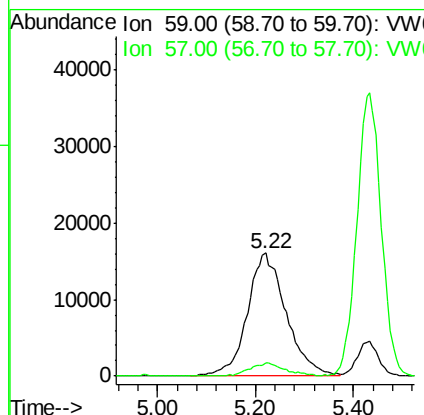
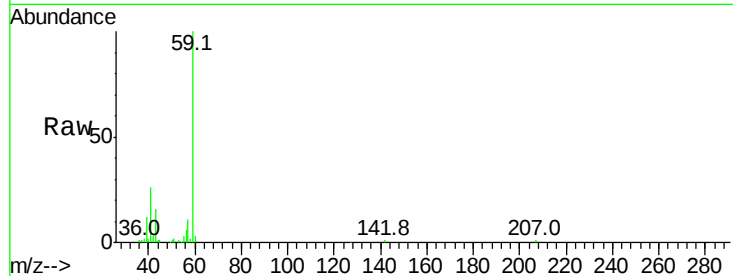




#11
Tert butyl alcohol
Concen: 535.496 ug/l
RT: 5.22 min Scan# 544
Delta R.T. 0.01 min
Lab File: VW006807.D
Acq: 12 Nov 2018 14:07

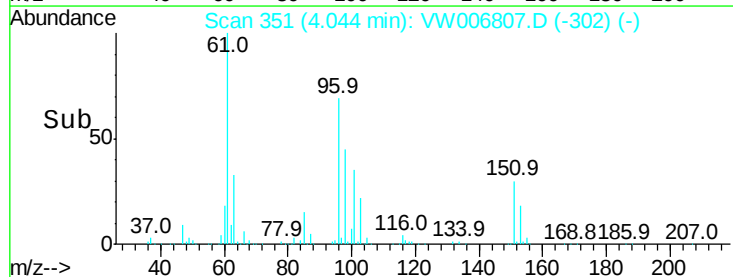
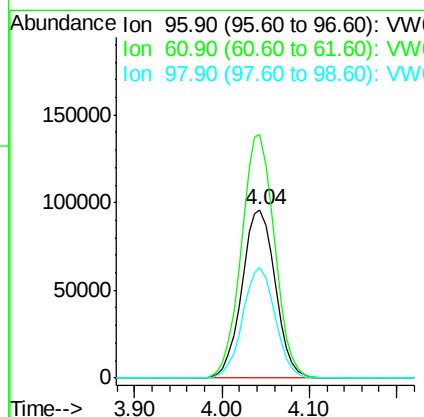
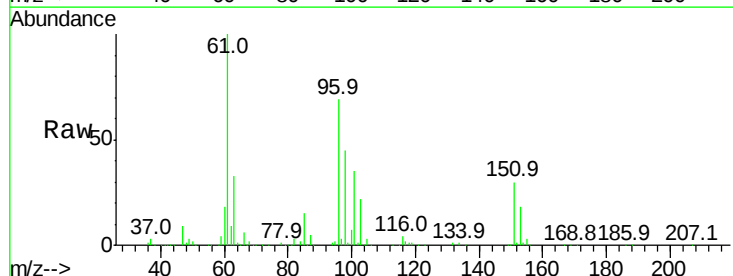
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

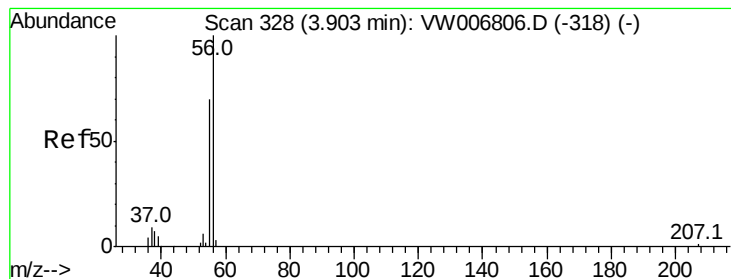
Tgt Ion: 59 Resp: 88360
Ion Ratio Lower Upper
59 100
57 9.9 8.3 12.5



#12
1,1-Dichloroethene
Concen: 104.167 ug/l
RT: 4.04 min Scan# 351
Delta R.T. -0.00 min
Lab File: VW006807.D
Acq: 12 Nov 2018 14:07

Tgt Ion: 96 Resp: 254549
Ion Ratio Lower Upper
96 100
61 144.5 119.8 179.6
98 65.5 51.5 77.3





#13

Acrolein

Concen: 474.778 ug/l

RT: 3.90 min Scan# 328

Delta R.T. -0.00 min

Lab File: VW006807.D

Acq: 12 Nov 2018 14:07

Instrument :

MSVOA_W

ClientSampleId :

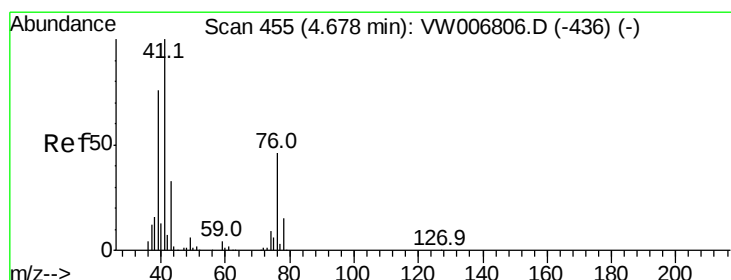
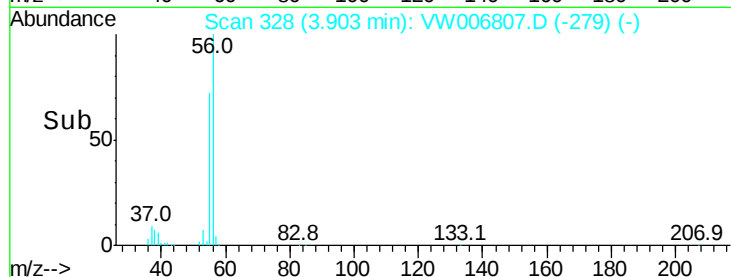
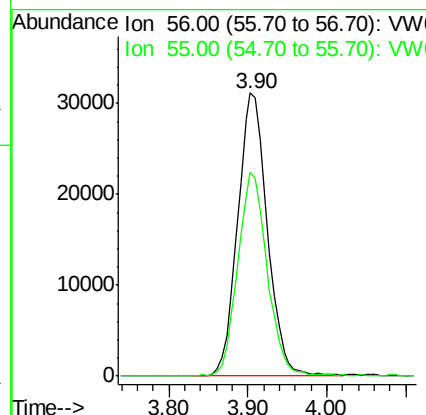
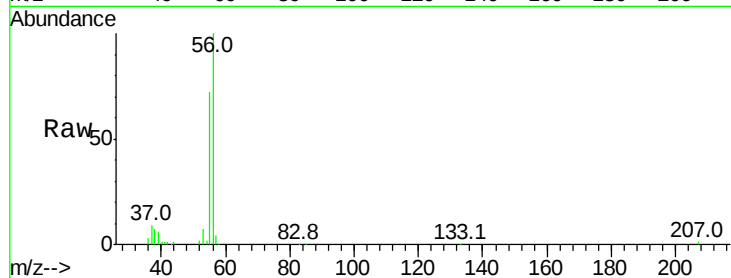
VSTDIC100

Tgt Ion: 56 Resp: 81591

Ion Ratio Lower Upper

56 100

55 71.4 56.1 84.1



#14

Allyl chloride

Concen: 104.030 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.00 min

Lab File: VW006807.D

Acq: 12 Nov 2018 14:07

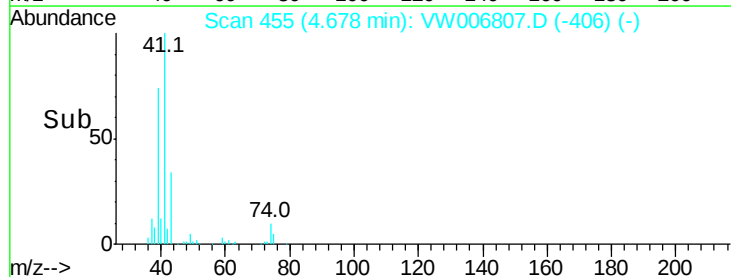
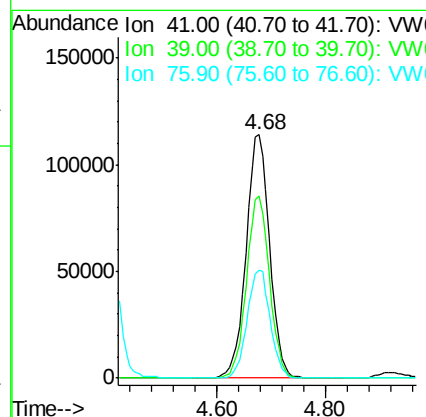
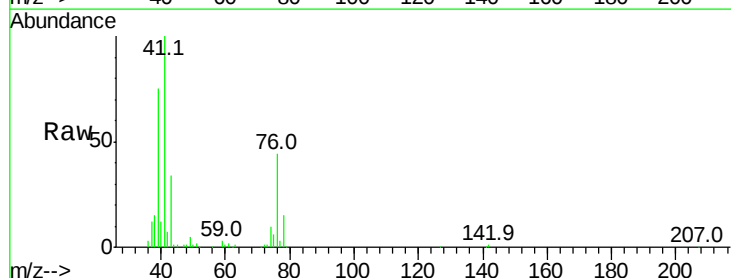
Tgt Ion: 41 Resp: 342691

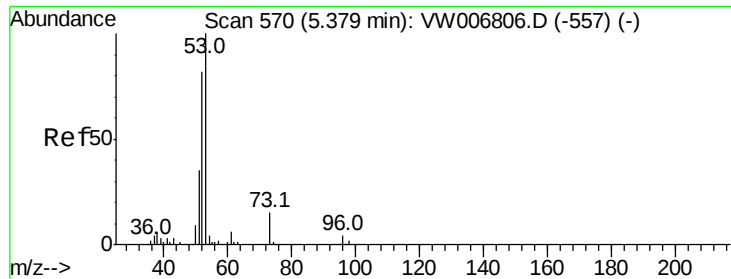
Ion Ratio Lower Upper

41 100

39 73.1 58.9 88.3

76 43.1 34.4 51.6





#15

Acrylonitrile

Concen: 514.339 ug/l

RT: 5.38 min Scan# 570

Delta R.T. -0.00 min

Lab File: VW006807.D

Acq: 12 Nov 2018 14:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC100

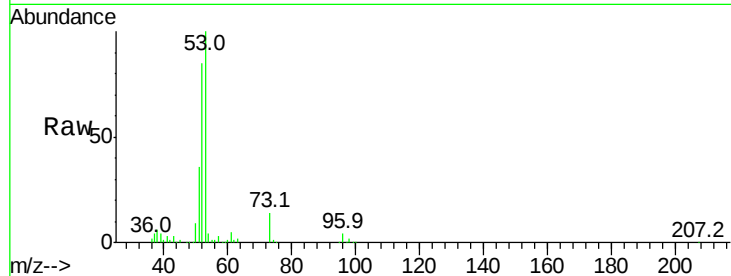
Tgt Ion: 53 Resp: 264155

Ion Ratio Lower Upper

53 100

52 82.2 65.2 97.8

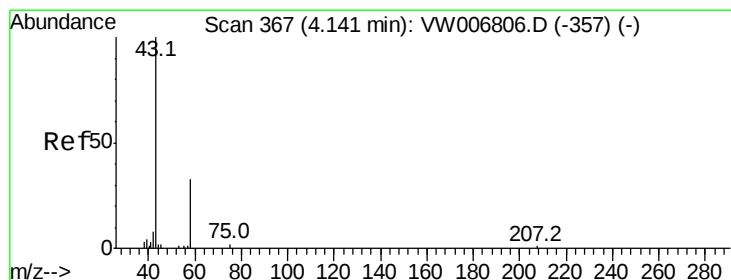
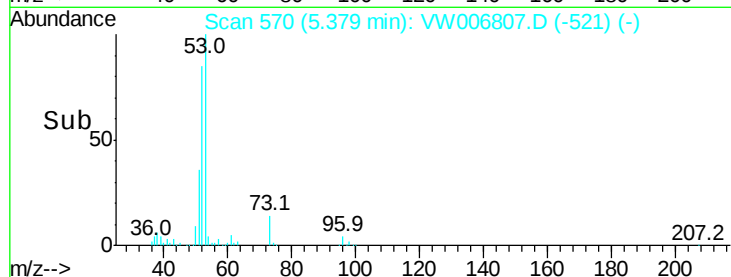
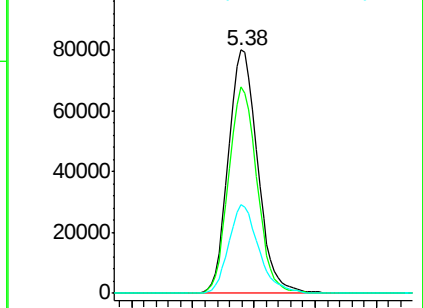
51 37.2 30.0 45.0



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: 503.288 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

Lab File: VW006807.D

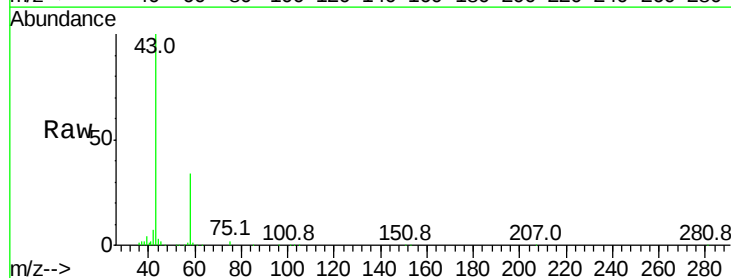
Acq: 12 Nov 2018 14:07

Tgt Ion: 43 Resp: 182643

Ion Ratio Lower Upper

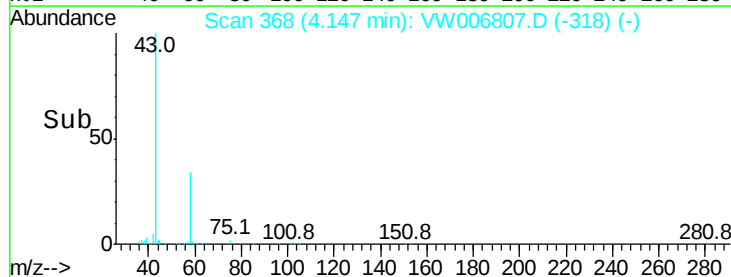
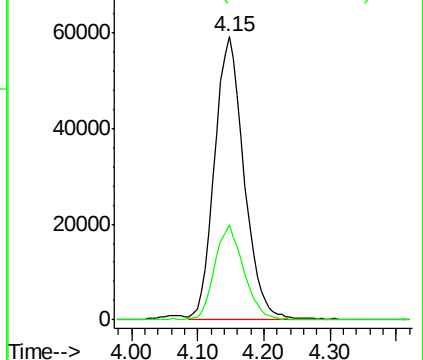
43 100

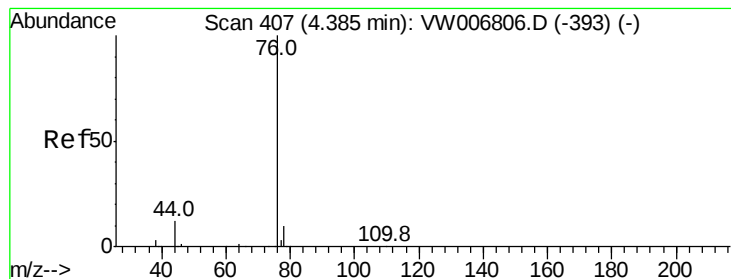
58 33.7 26.5 39.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 102.612 ug/l

RT: 4.39 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW006807.D

Acq: 12 Nov 2018 14:07

Instrument :

MSVOA_W

ClientSampleId :

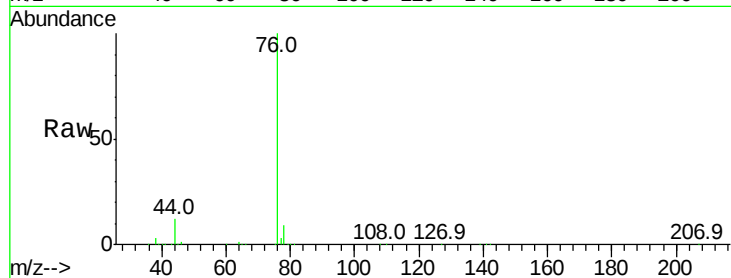
VSTDIC100

Tgt Ion: 76 Resp: 827150

Ion Ratio Lower Upper

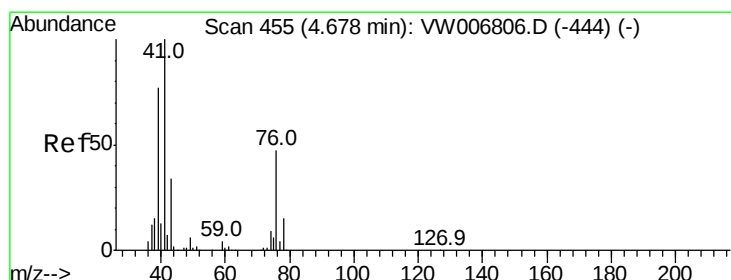
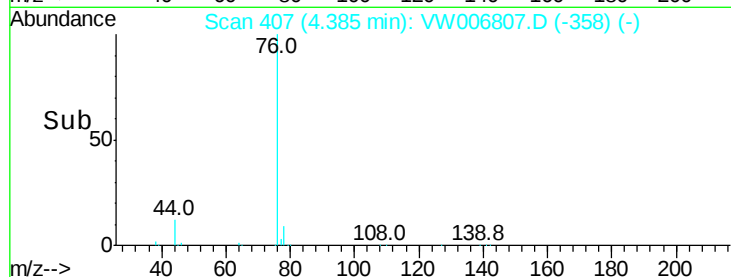
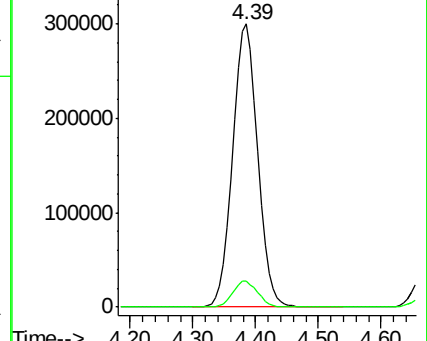
76 100

78 9.4 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: 96.381 ug/l

RT: 4.68 min Scan# 456

Delta R.T. 0.01 min

Lab File: VW006807.D

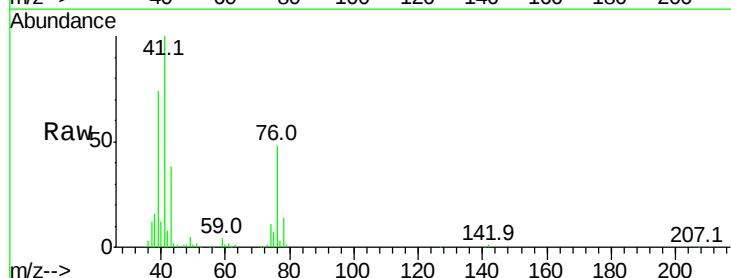
Acq: 12 Nov 2018 14:07

Tgt Ion: 43 Resp: 122740

Ion Ratio Lower Upper

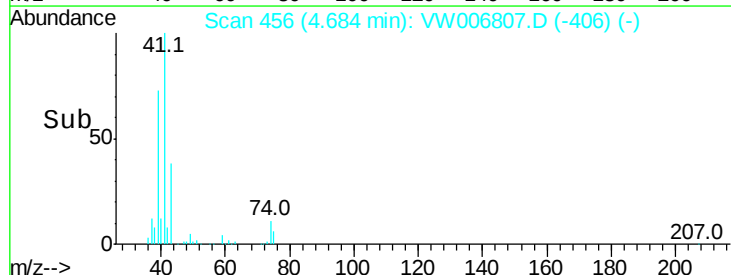
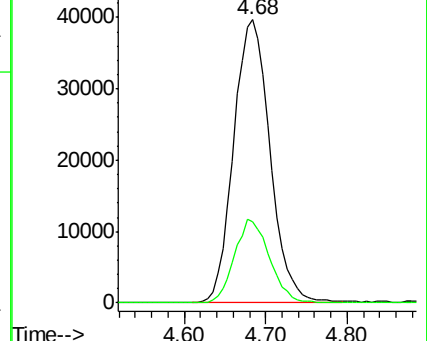
43 100

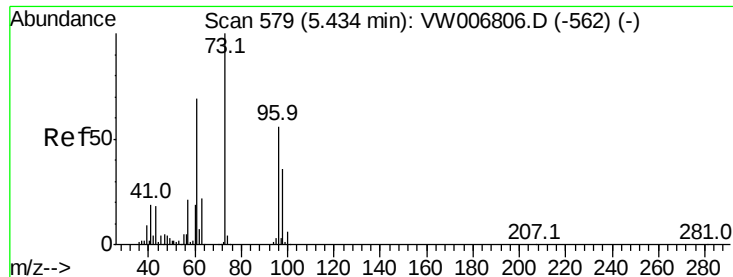
74 28.5 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

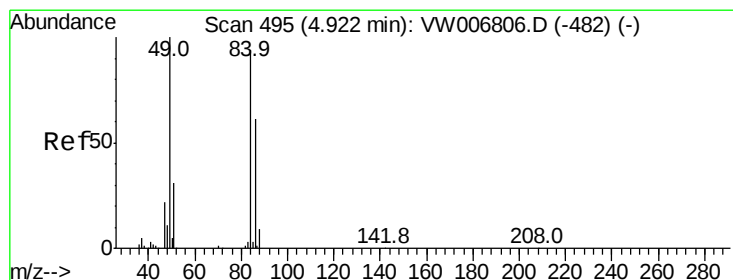
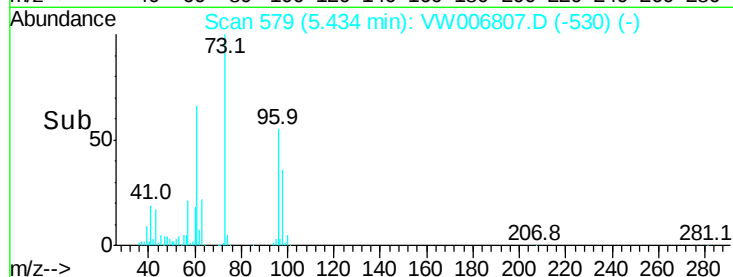
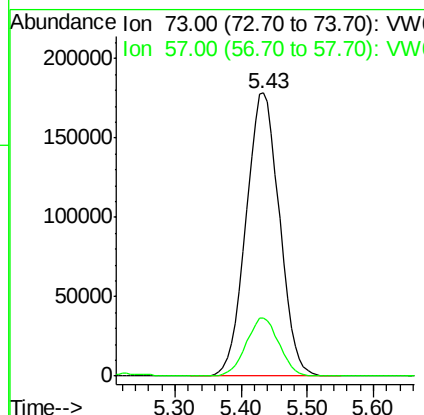
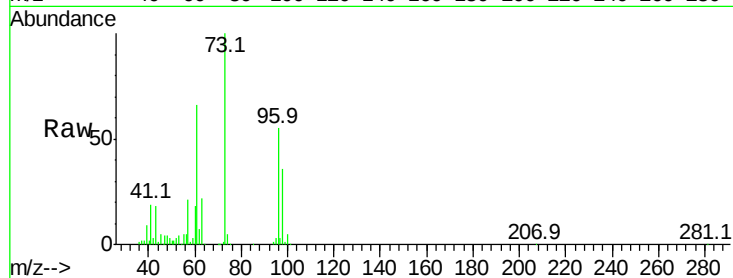




#19
Methyl tert-butyl Ether
Concen: 104.745 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW006807.D
Acq: 12 Nov 2018 14:07

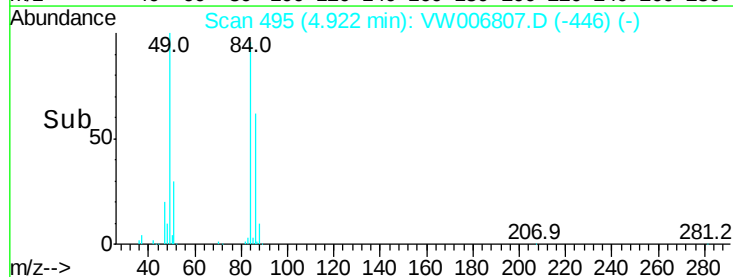
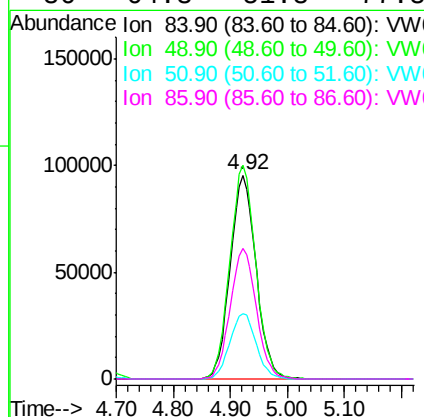
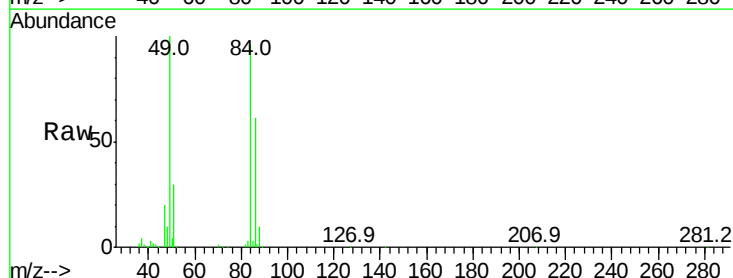
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

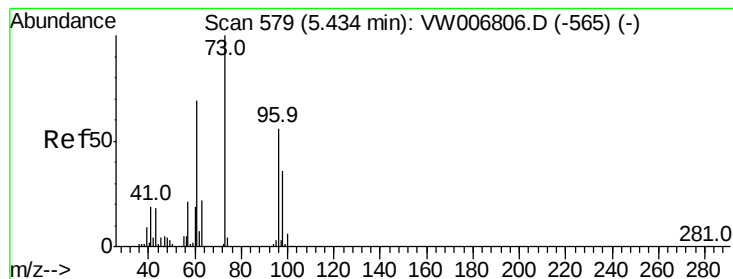
Tgt Ion: 73 Resp: 626929
Ion Ratio Lower Upper
73 100
57 20.7 16.8 25.2



#20
Methylene Chloride
Concen: 86.385 ug/l
RT: 4.92 min Scan# 495
Delta R.T. -0.00 min
Lab File: VW006807.D
Acq: 12 Nov 2018 14:07

Tgt Ion: 84 Resp: 303065
Ion Ratio Lower Upper
84 100
49 104.6 84.8 127.2
51 31.8 26.2 39.4
86 64.3 51.8 77.8





#21

trans-1,2-Dichloroethene

Concen: 100.296 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.01 min

Lab File: VW006807.D

Acq: 12 Nov 2018 14:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

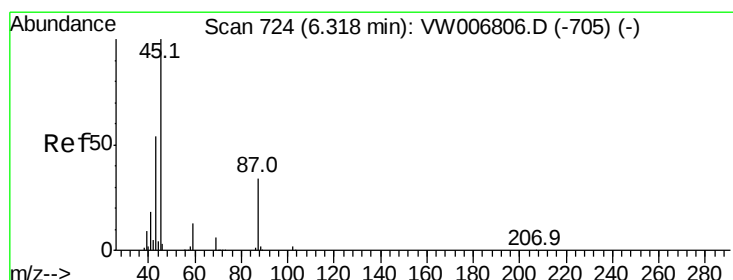
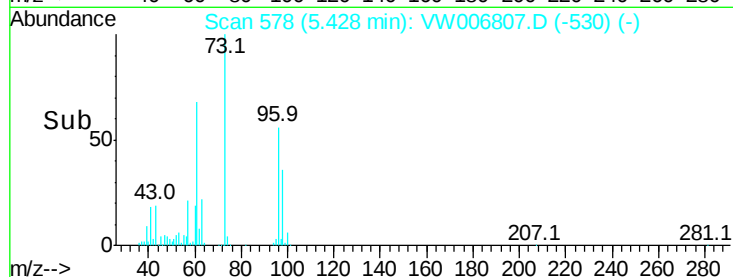
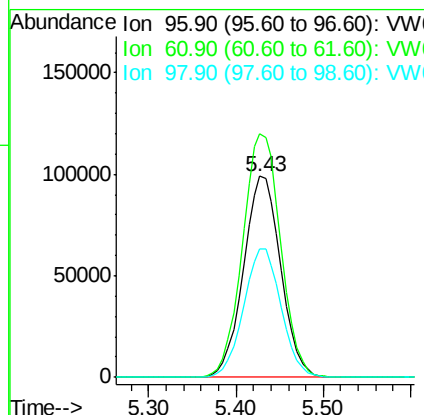
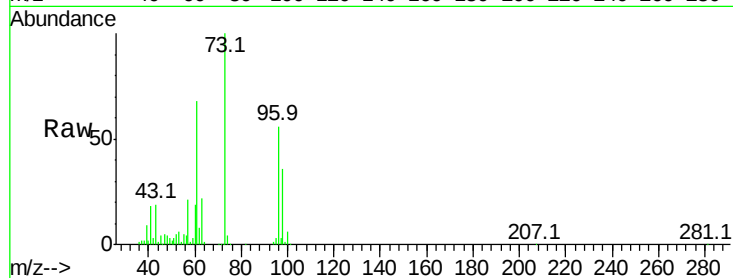
Tgt Ion: 96 Resp: 293163

Ion Ratio Lower Upper

96 100

61 120.9 98.7 148.1

98 63.7 51.2 76.8



#22

Diisopropyl ether

Concen: 103.180 ug/l

RT: 6.32 min Scan# 724

Delta R.T. -0.00 min

Lab File: VW006807.D

Acq: 12 Nov 2018 14:07

Tgt Ion: 45 Resp: 716294

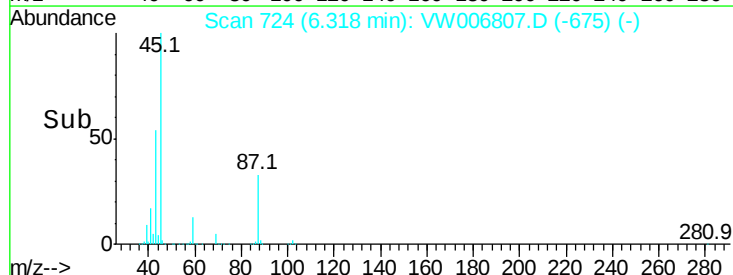
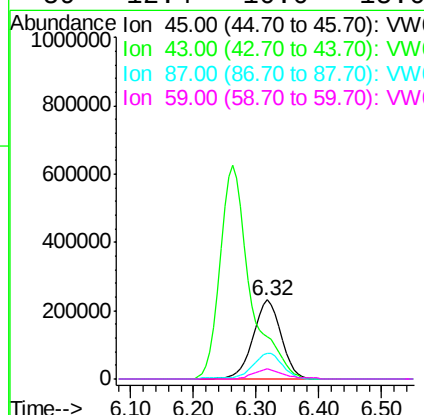
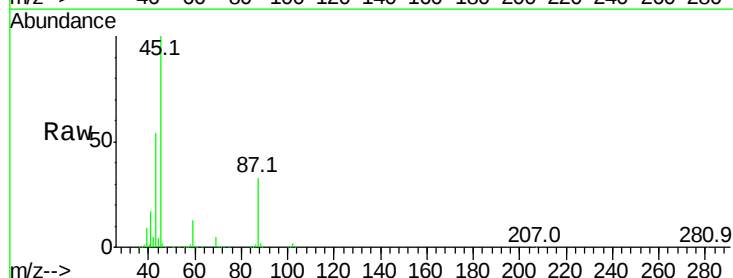
Ion Ratio Lower Upper

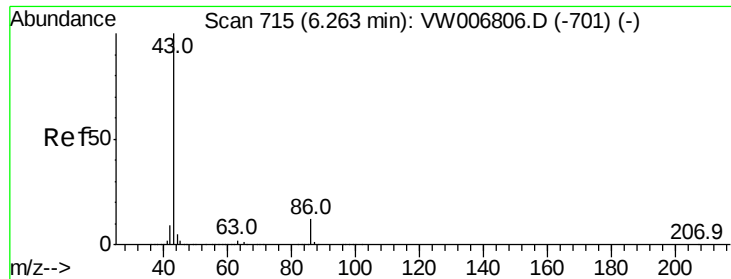
45 100

43 54.1 43.7 65.5

87 33.1 27.2 40.8

59 12.4 10.0 15.0





#23

Vinyl Acetate

Concen: 523.541 ug/l

RT: 6.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: VW006807.D

Acq: 12 Nov 2018 14:07

Instrument :

MSVOA_W

ClientSampleId :

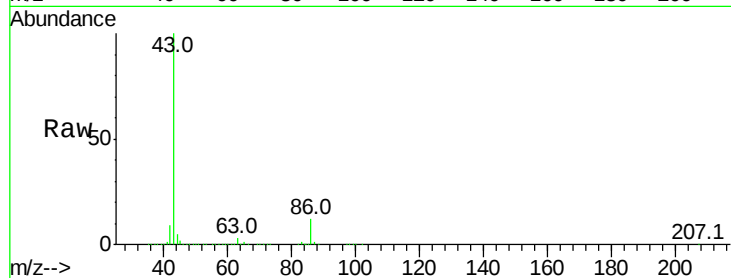
VSTDIC100

Tgt Ion: 43 Resp: 2072886

Ion Ratio Lower Upper

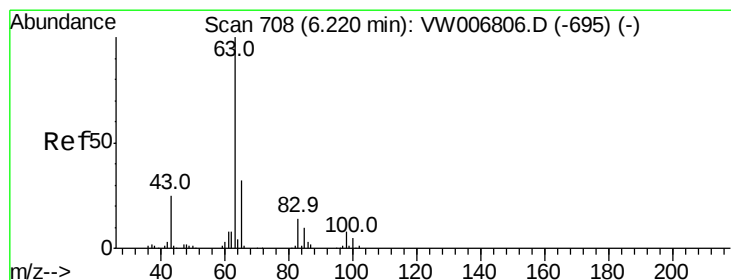
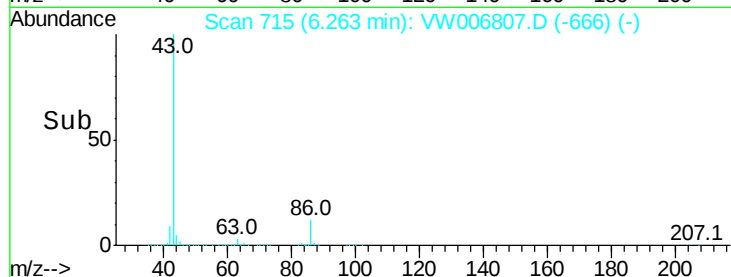
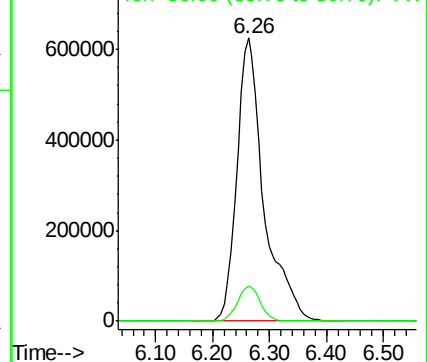
43 100

86 12.5 9.6 14.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 101.125 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.00 min

Lab File: VW006807.D

Acq: 12 Nov 2018 14:07

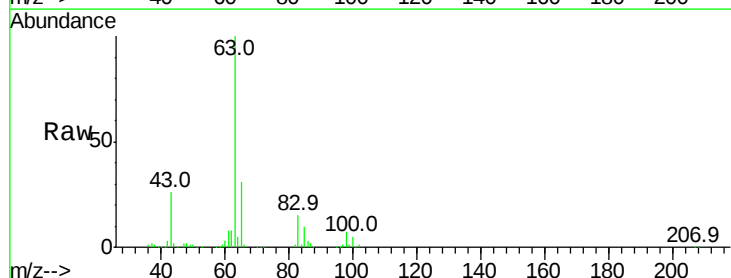
Tgt Ion: 63 Resp: 459249

Ion Ratio Lower Upper

63 100

98 7.3 3.9 11.5

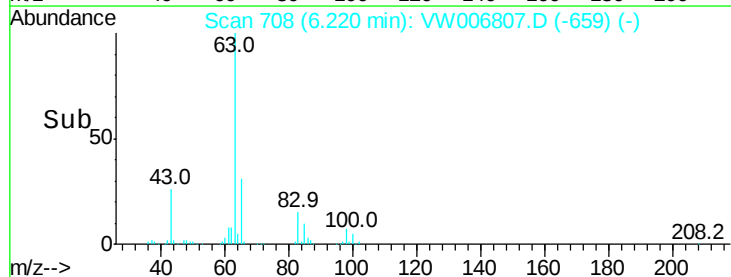
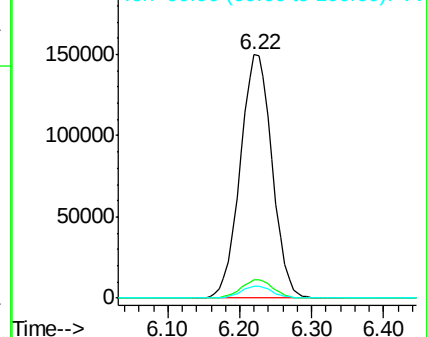
100 5.0 2.4 7.2

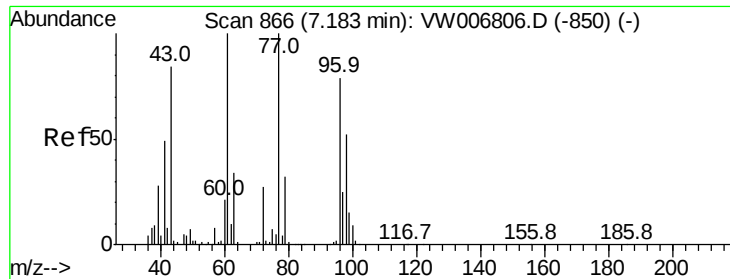


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 505.089 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.01 min

Lab File: VW006807.D

Acq: 12 Nov 2018 14:07

Instrument :

MSVOA_W

ClientSampleId :

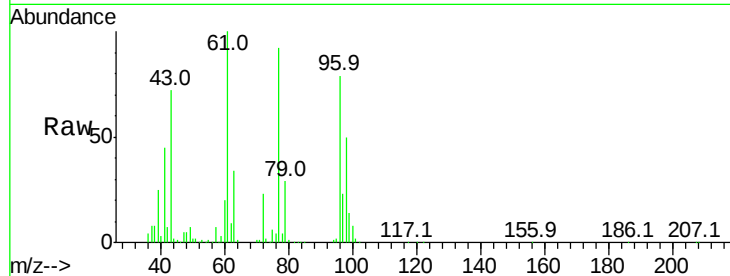
VSTDIC100

Tgt Ion: 43 Resp: 302642

Ion Ratio Lower Upper

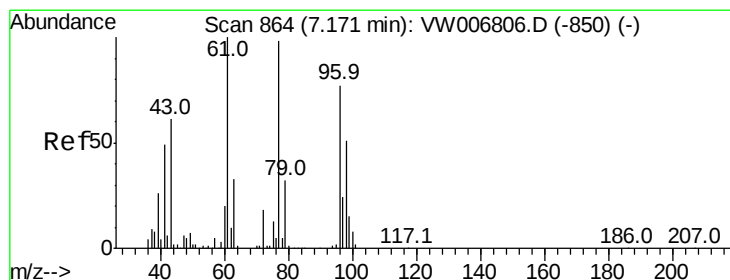
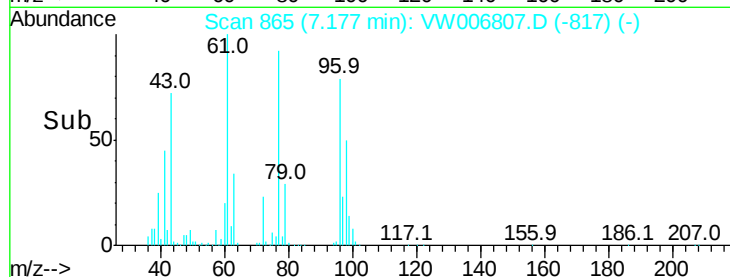
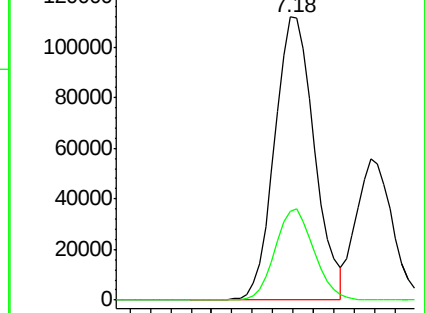
43 100

72 31.6 25.3 37.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 97.039 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW006807.D

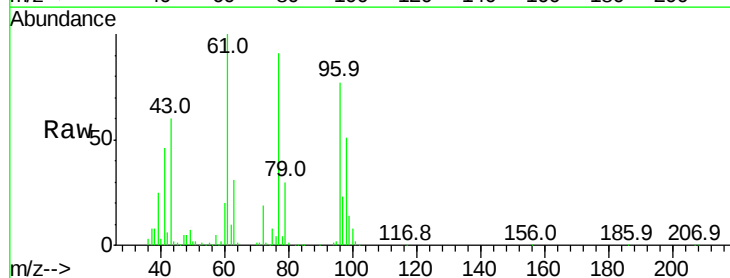
Acq: 12 Nov 2018 14:07

Tgt Ion: 77 Resp: 419873

Ion Ratio Lower Upper

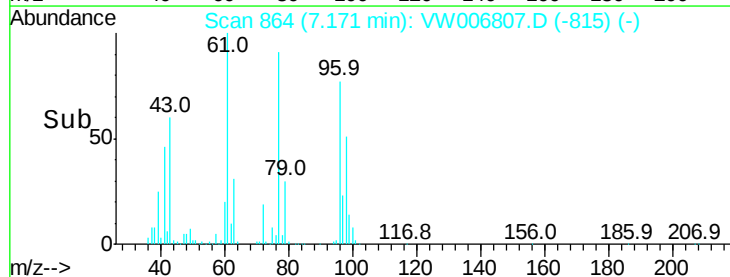
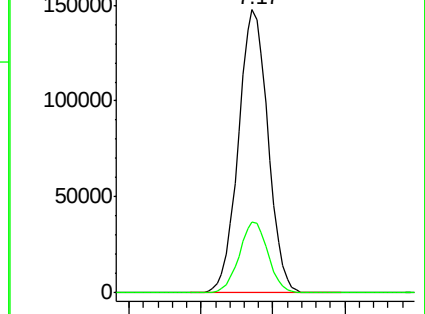
77 100

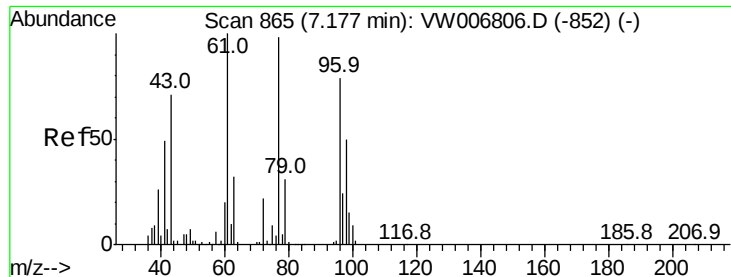
97 24.4 12.0 36.1



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW



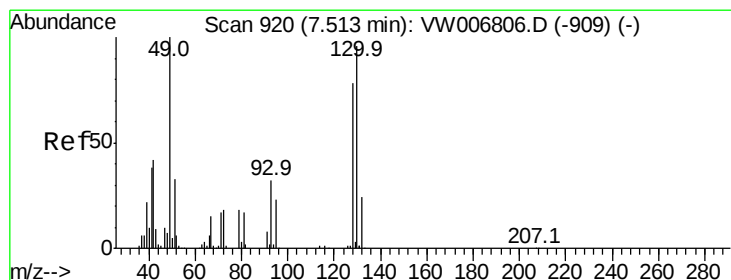
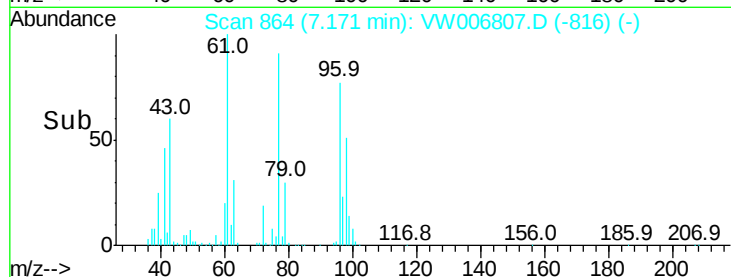
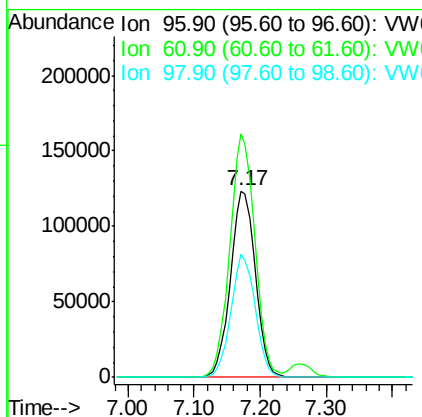
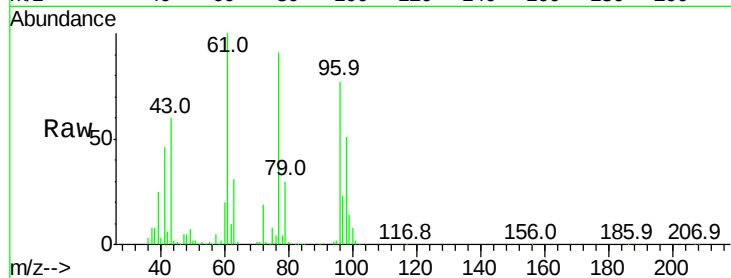


#27

cis-1,2-Dichloroethene
Concen: 102.825 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: VW006807.D
Acq: 12 Nov 2018 14:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

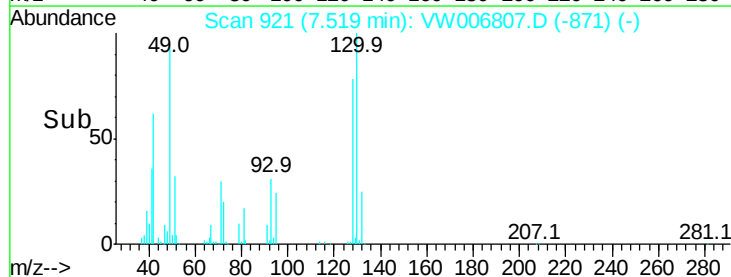
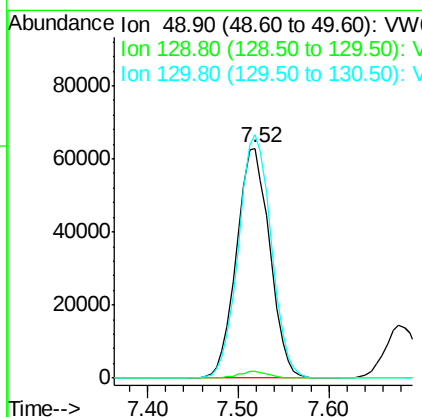
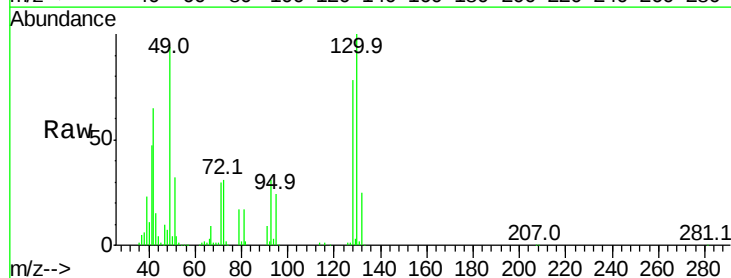
Tgt Ion: 96 Resp: 322044
Ion Ratio Lower Upper
96 100
61 131.2 0.0 264.0
98 64.3 0.0 131.0

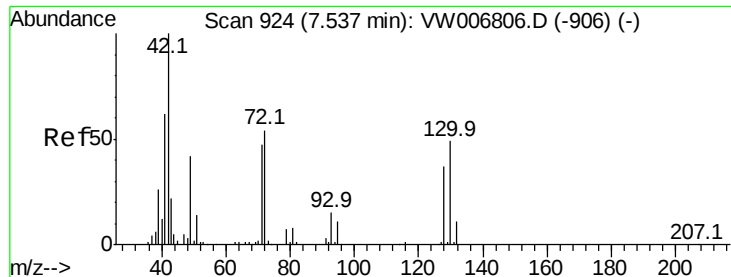


#28

Bromochloromethane
Concen: 94.340 ug/l
RT: 7.52 min Scan# 921
Delta R.T. 0.01 min
Lab File: VW006807.D
Acq: 12 Nov 2018 14:07

Tgt Ion: 49 Resp: 160470
Ion Ratio Lower Upper
49 100
129 2.6 0.0 5.6
130 104.0 83.3 124.9

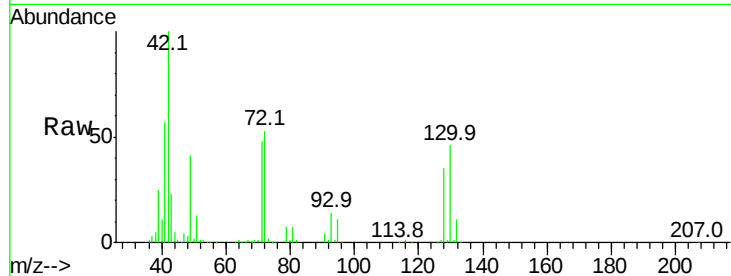




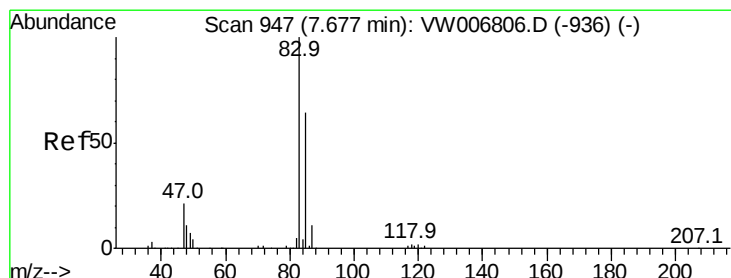
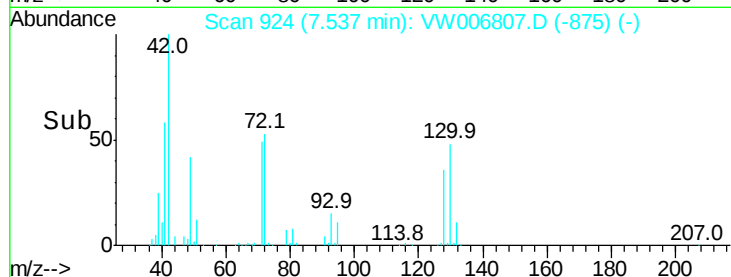
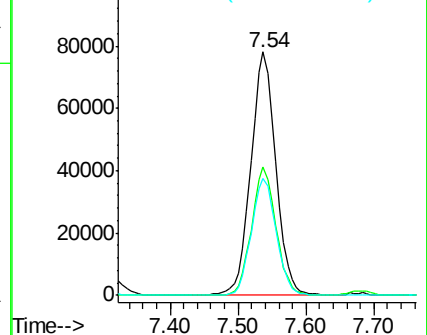
#29
Tetrahydrofuran
Concen: 509.688 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW006807.D
Acq: 12 Nov 2018 14:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion: 42 Resp: 200166
Ion Ratio Lower Upper
42 100
72 51.2 40.9 61.3
71 47.8 36.9 55.3

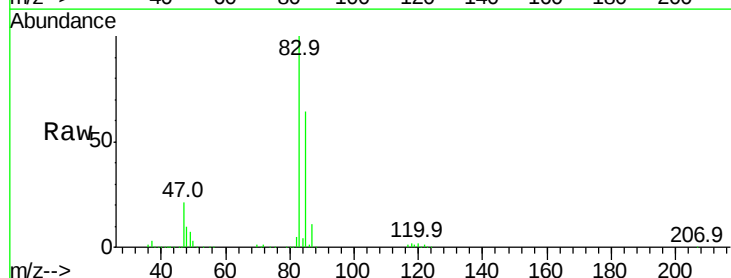


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

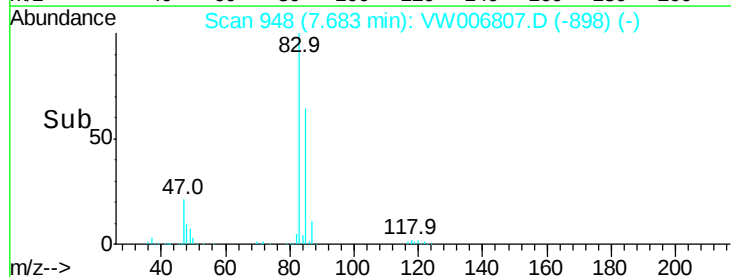
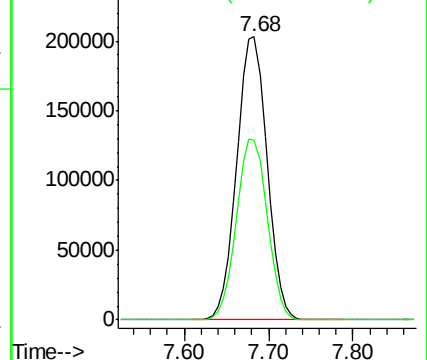


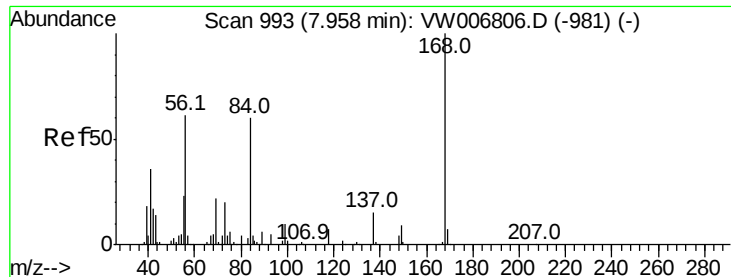
#30
Chloroform
Concen: 98.294 ug/l
RT: 7.68 min Scan# 948
Delta R.T. 0.01 min
Lab File: VW006807.D
Acq: 12 Nov 2018 14:07

Tgt Ion: 83 Resp: 494617
Ion Ratio Lower Upper
83 100
85 63.7 51.5 77.3



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

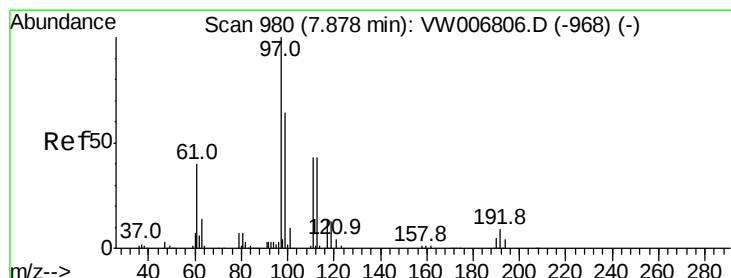
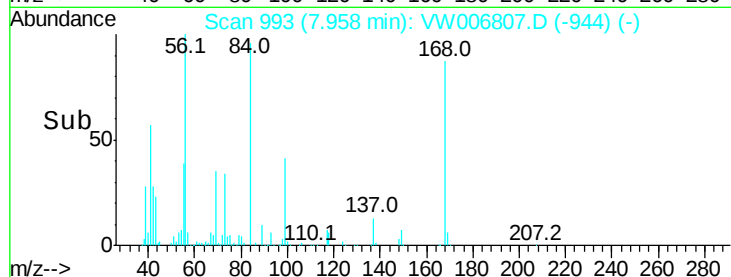
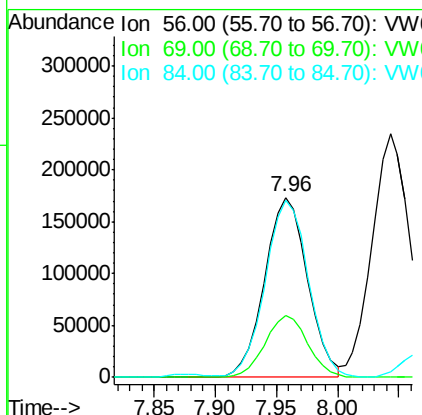
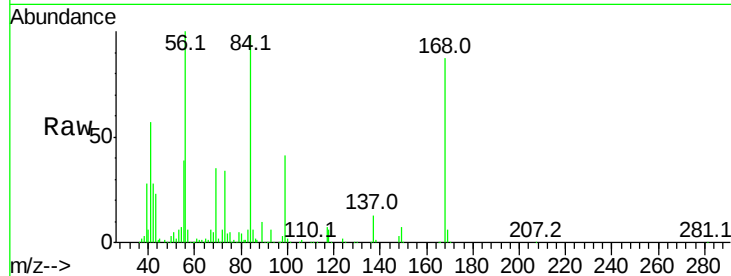




#31
Cyclohexane
Concen: 90.669 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW006807.D
Acq: 12 Nov 2018 14:07

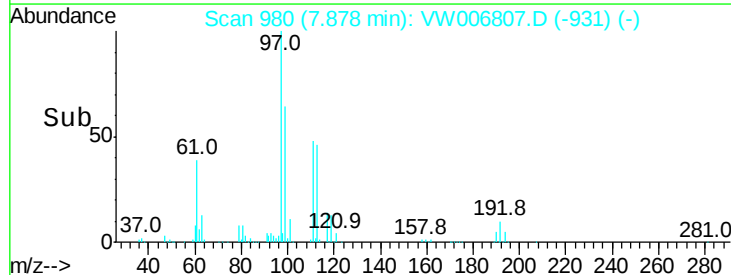
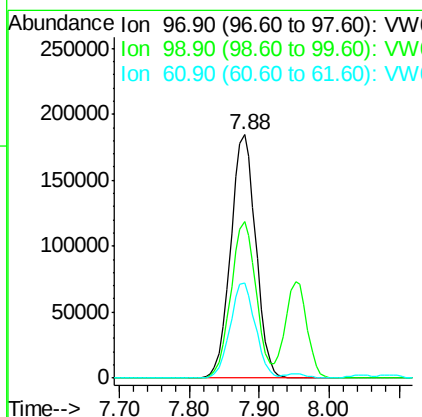
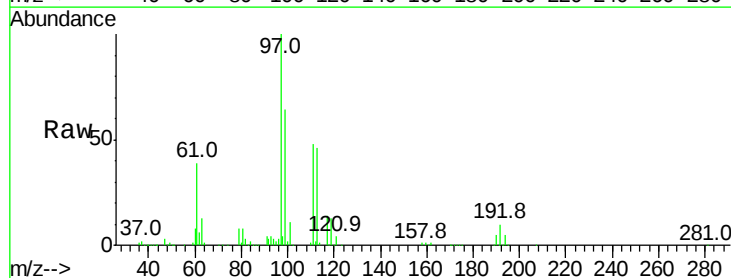
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

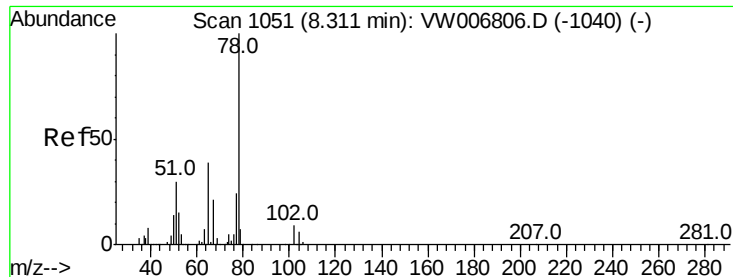
Tgt Ion: 56 Resp: 424072
Ion Ratio Lower Upper
56 100
69 34.5 28.9 43.3
84 96.4 79.0 118.4



#32
1,1,1-Trichloroethane
Concen: 95.994 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW006807.D
Acq: 12 Nov 2018 14:07

Tgt Ion: 97 Resp: 458441
Ion Ratio Lower Upper
97 100
99 64.3 51.6 77.4
61 39.3 32.2 48.4

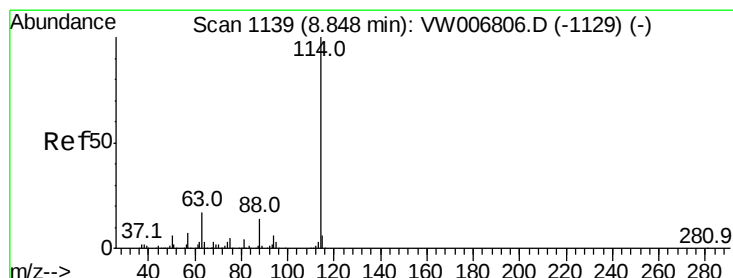
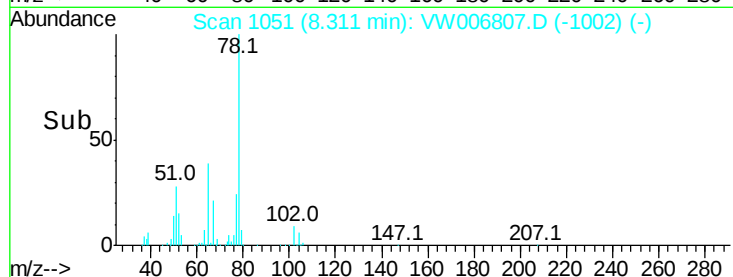
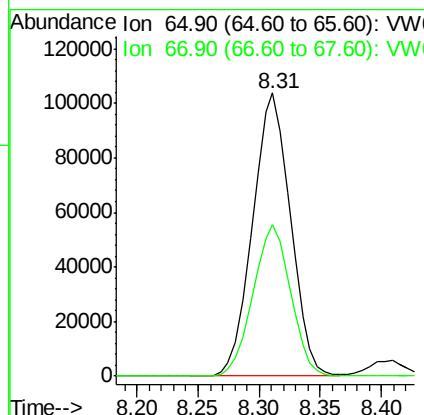
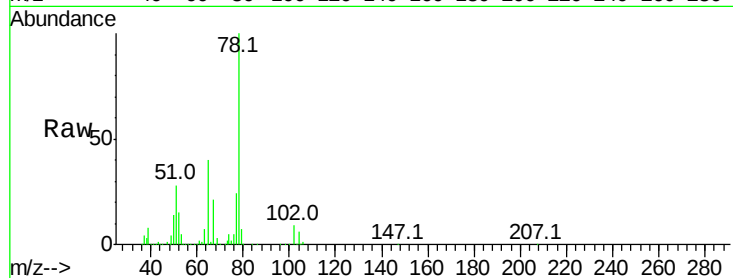




#33
 1,2-Dichloroethane-d4
 Concen: 89.178 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW006807.D
 Acq: 12 Nov 2018 14:07

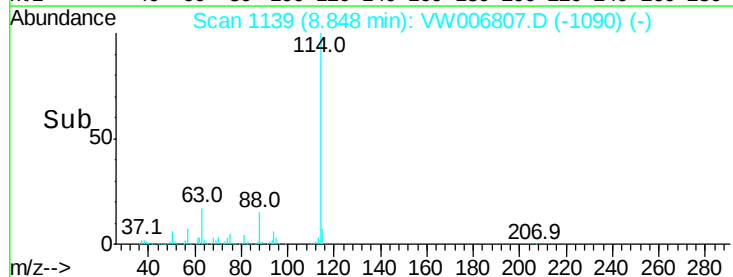
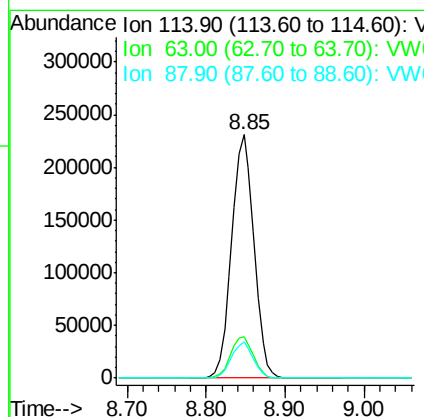
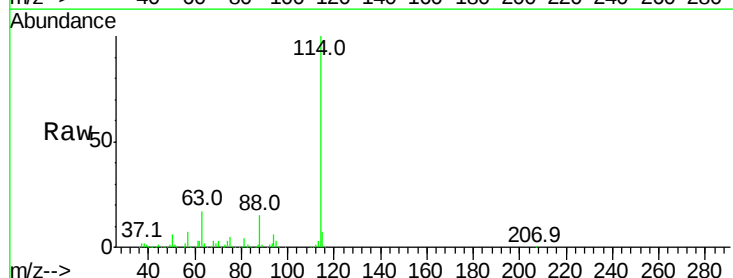
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

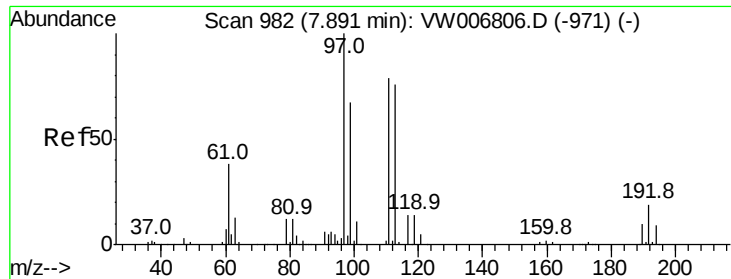
Tgt Ion: 65 Resp: 223571
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006807.D
 Acq: 12 Nov 2018 14:07

Tgt Ion: 114 Resp: 455008
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 33.6
 88 14.8 0.0 28.4

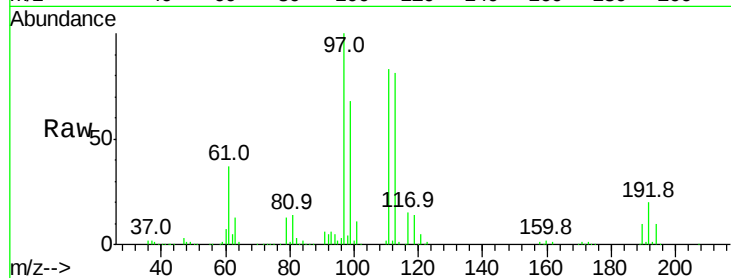




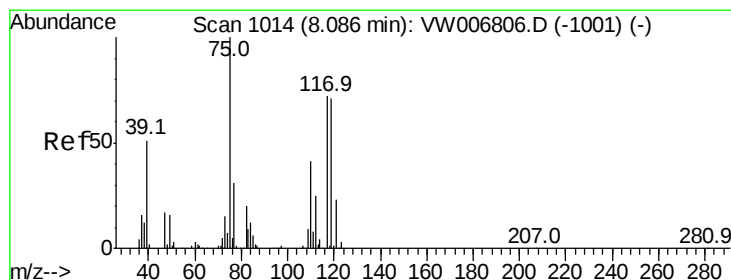
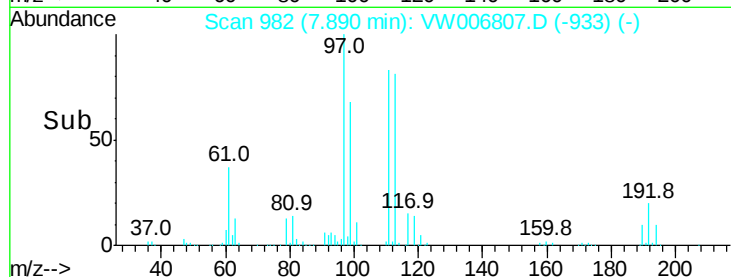
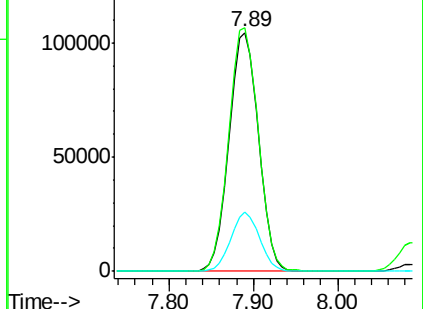
#35
 Dibromofluoromethane
 Concen: 95.674 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW006807.D
 Acq: 12 Nov 2018 14:07

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC100

Tgt Ion: 113 Resp: 247778
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.0 121.6
 192 24.1 19.0 28.6

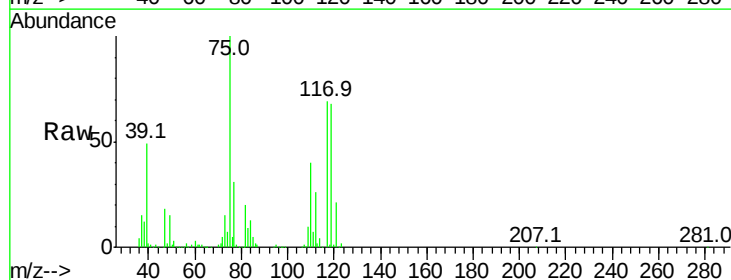


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

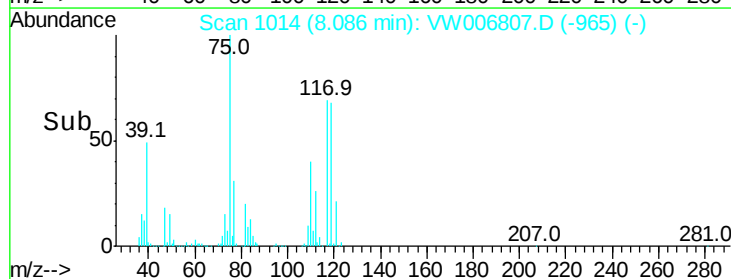
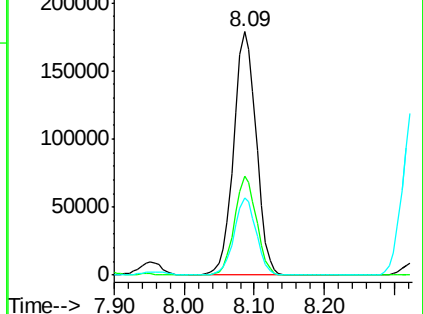


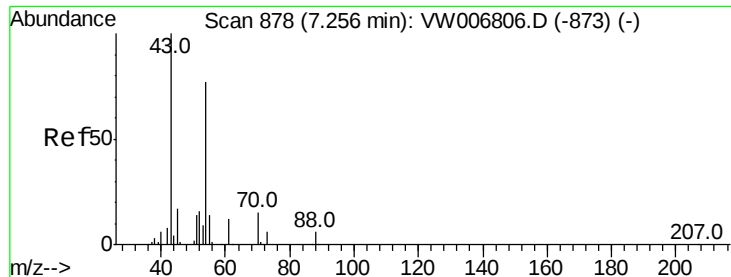
#36
 1,1-Dichloropropene
 Concen: 97.050 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VW006807.D
 Acq: 12 Nov 2018 14:07

Tgt Ion: 75 Resp: 400703
 Ion Ratio Lower Upper
 75 100
 110 39.5 19.9 59.6
 77 31.3 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: 95.299 ug/l

RT: 7.26 min Scan# 878

Delta R.T. -0.00 min

Lab File: VW006807.D

Acq: 12 Nov 2018 14:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

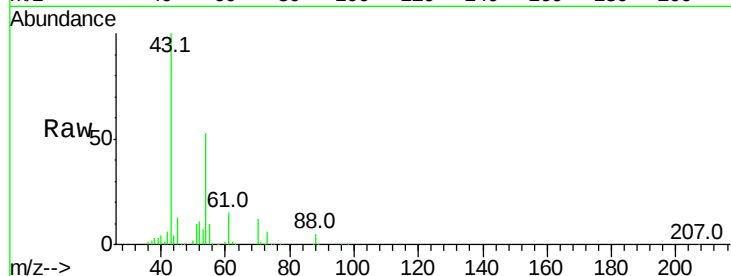
Tgt Ion: 43 Resp: 139734

Ion Ratio Lower Upper

43 100

61 15.1 11.7 17.5

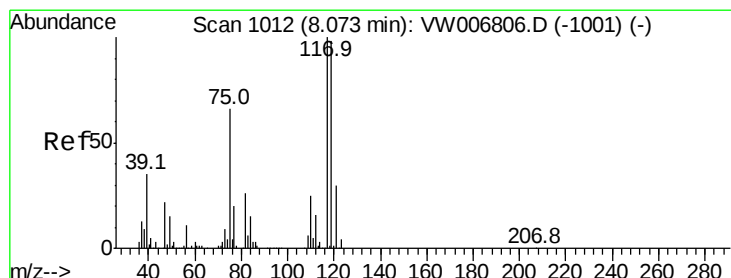
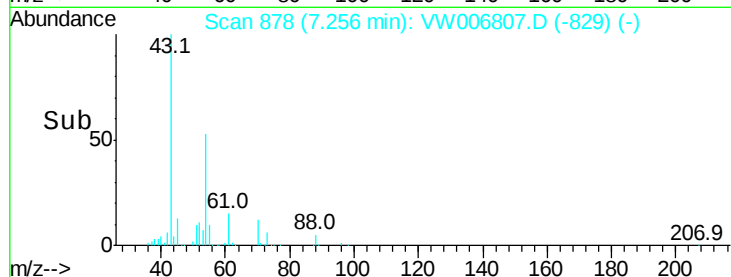
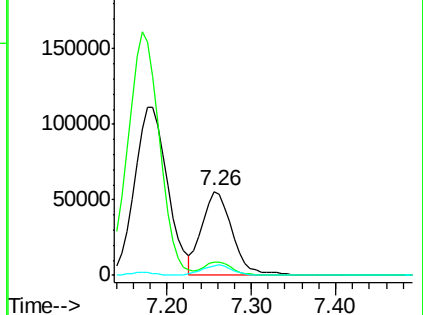
70 12.2 10.0 15.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 70.00 (69.70 to 70.70): VW



#38

Carbon Tetrachloride

Concen: 96.011 ug/l

RT: 8.07 min Scan# 1012

Delta R.T. -0.00 min

Lab File: VW006807.D

Acq: 12 Nov 2018 14:07

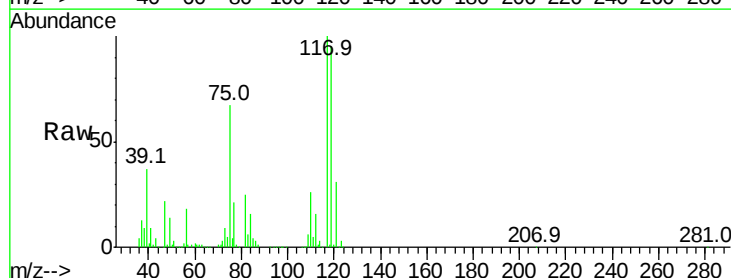
Tgt Ion: 117 Resp: 423540

Ion Ratio Lower Upper

117 100

119 95.2 78.5 117.7

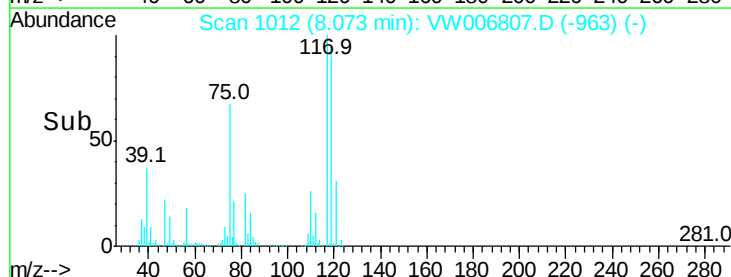
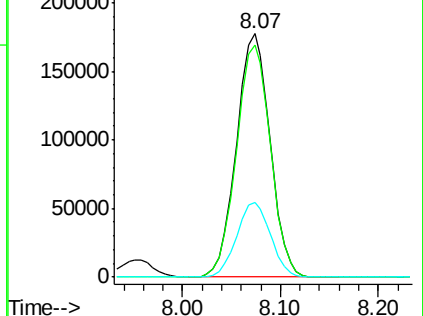
121 30.5 24.2 36.2

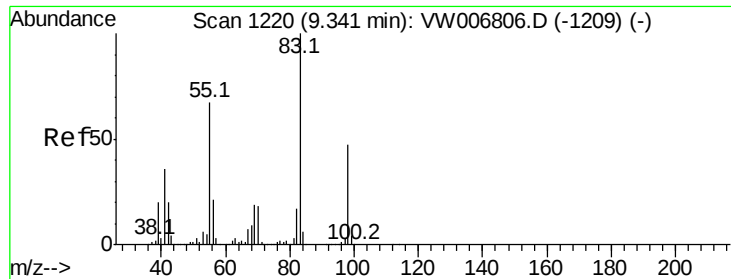


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

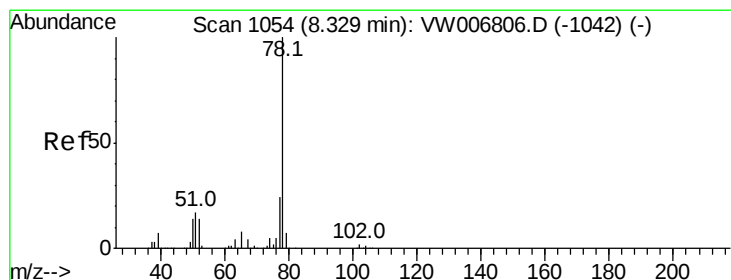
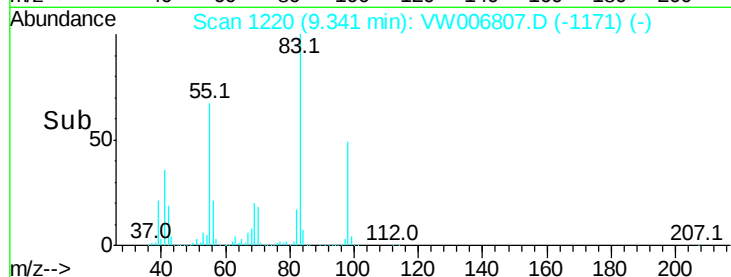
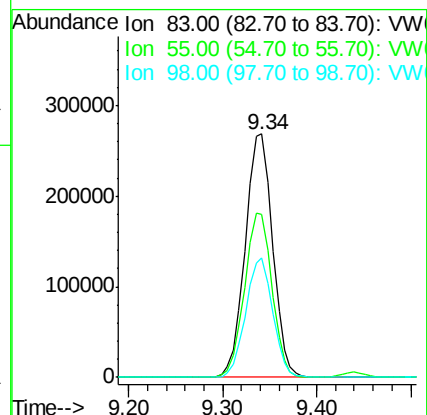
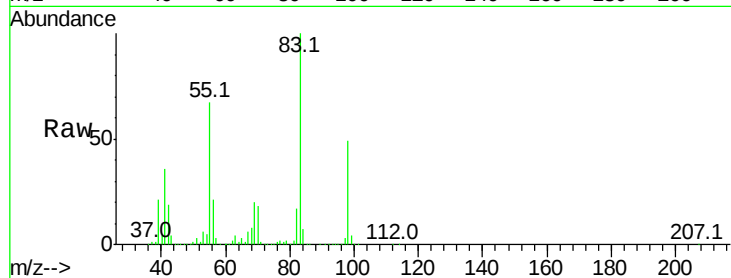




#39
Methylcyclohexane
Concen: 103.464 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW006807.D
Acq: 12 Nov 2018 14:07

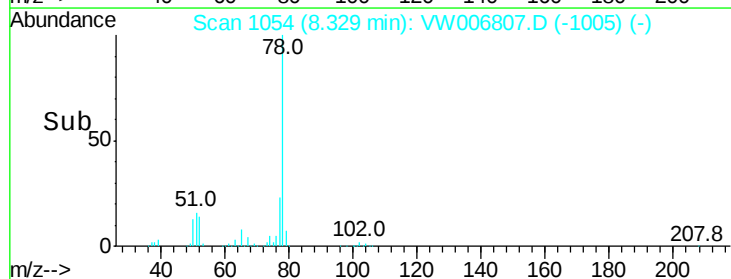
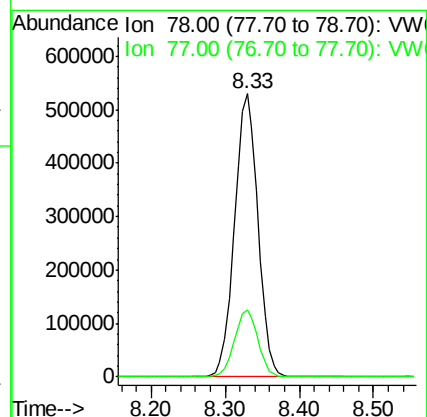
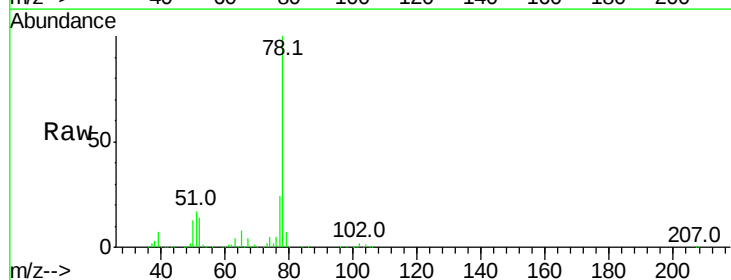
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

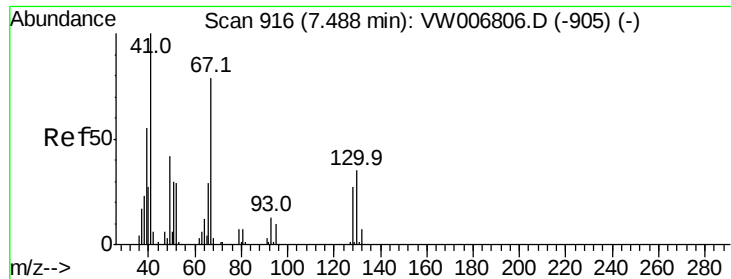
Tgt Ion: 83 Resp: 543898
Ion Ratio Lower Upper
83 100
55 67.0 53.3 79.9
98 48.9 37.9 56.9



#40
Benzene
Concen: 99.645 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW006807.D
Acq: 12 Nov 2018 14:07

Tgt Ion: 78 Resp: 1161751
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.6





#41

Methacrylonitrile

Concen: 105.040 ug/l

RT: 7.49 min Scan# 916

Delta R.T. -0.00 min

Lab File: VW006807.D

Acq: 12 Nov 2018 14:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tgt Ion: 41 Resp: 89354

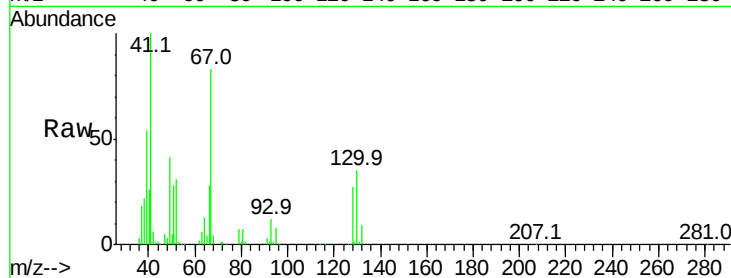
Ion Ratio Lower Upper

41 100

39 55.1 48.1 72.1

67 78.1 61.4 92.2

52 30.2 23.2 34.8

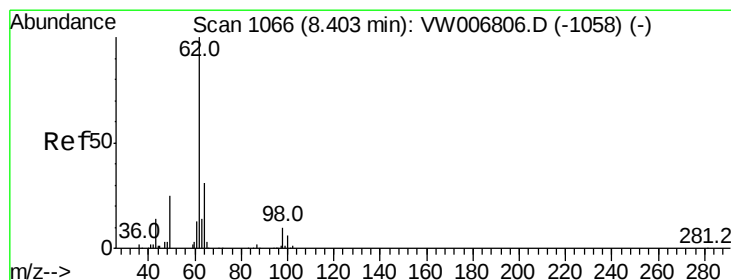
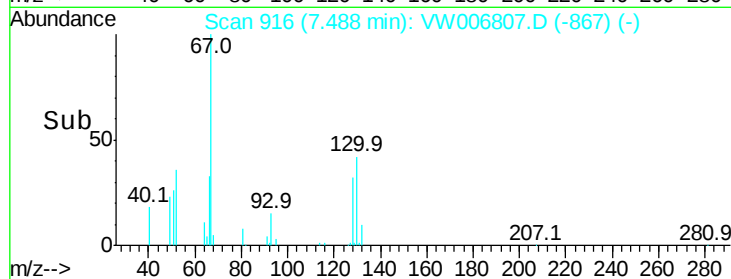
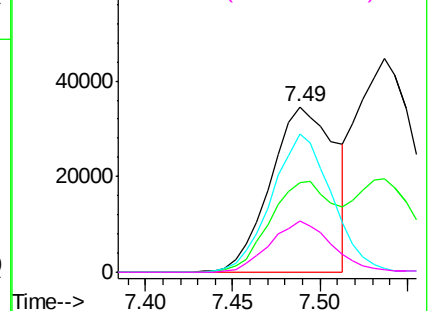


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 94.569 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. -0.00 min

Lab File: VW006807.D

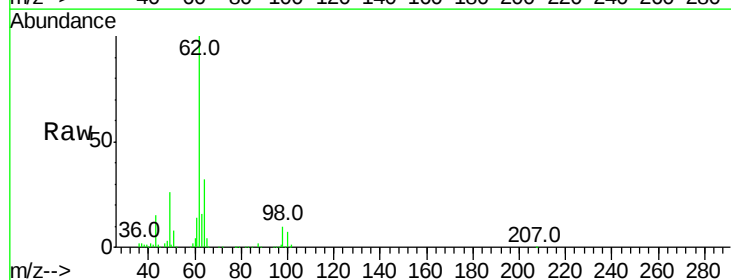
Acq: 12 Nov 2018 14:07

Tgt Ion: 62 Resp: 300120

Ion Ratio Lower Upper

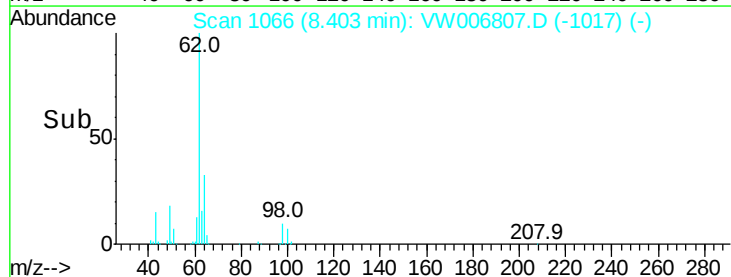
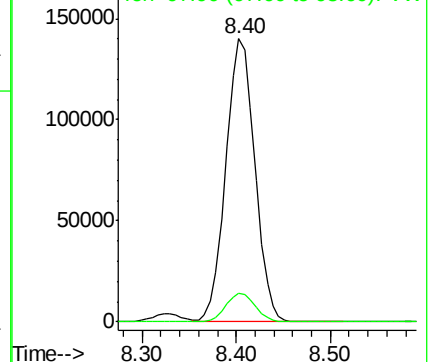
62 100

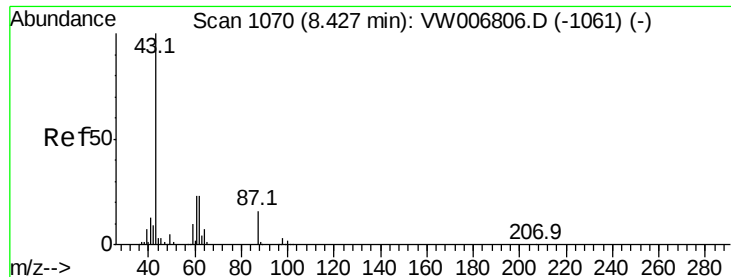
98 10.1 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 104.642 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW006807.D

Acq: 12 Nov 2018 14:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

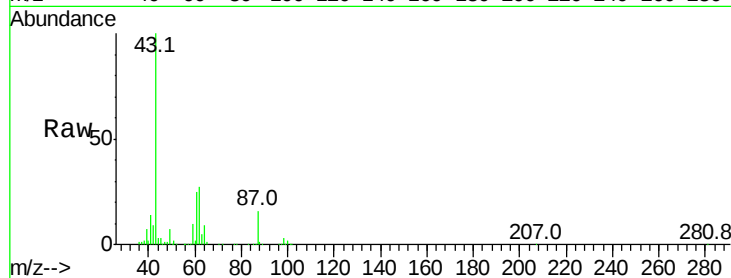
Tgt Ion: 43 Resp: 287635

Ion Ratio Lower Upper

43 100

61 32.6 27.0 40.4

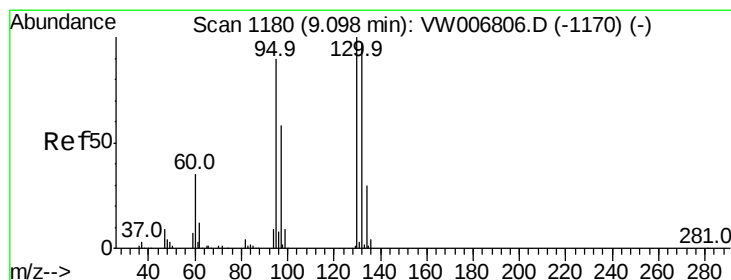
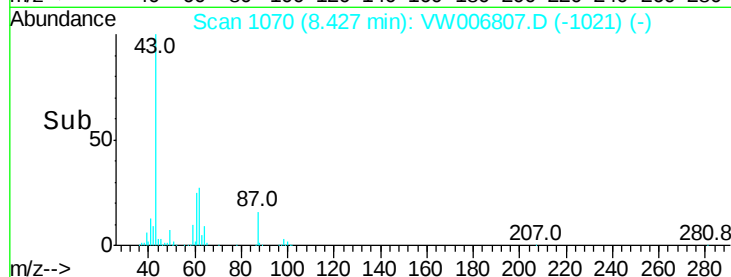
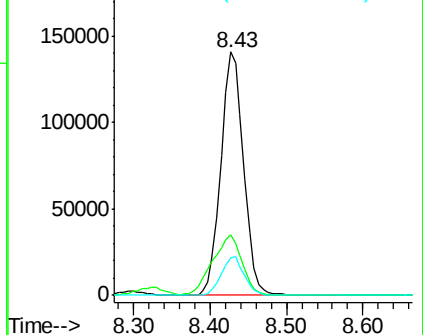
87 15.9 13.0 19.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 98.843 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VW006807.D

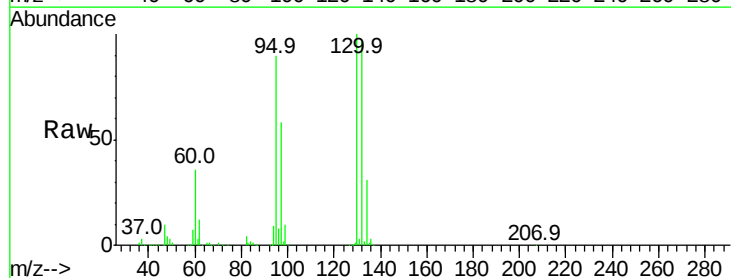
Acq: 12 Nov 2018 14:07

Tgt Ion: 130 Resp: 354322

Ion Ratio Lower Upper

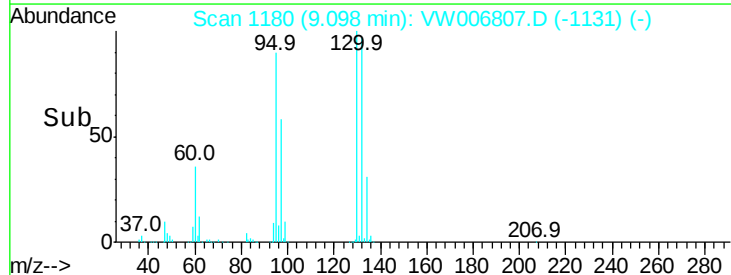
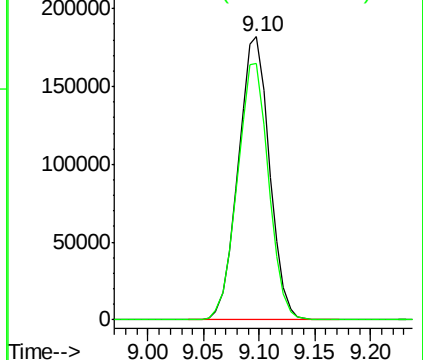
130 100

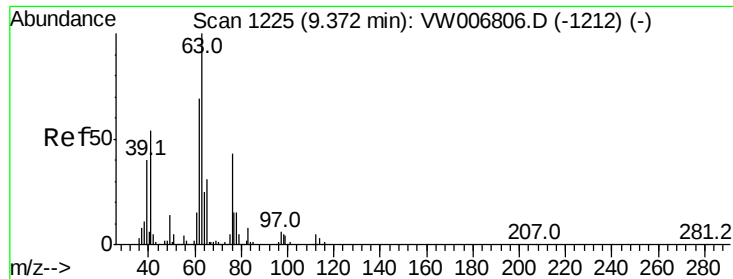
95 90.5 0.0 180.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

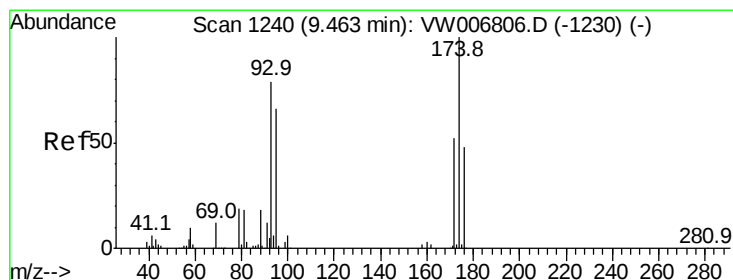
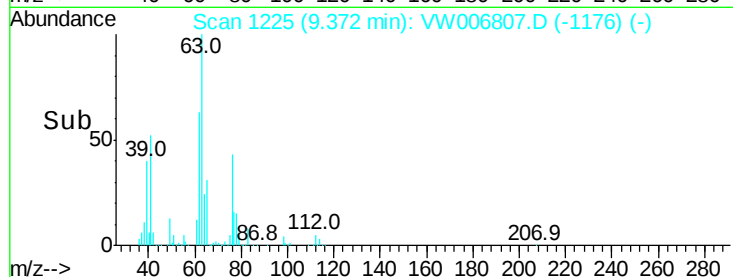
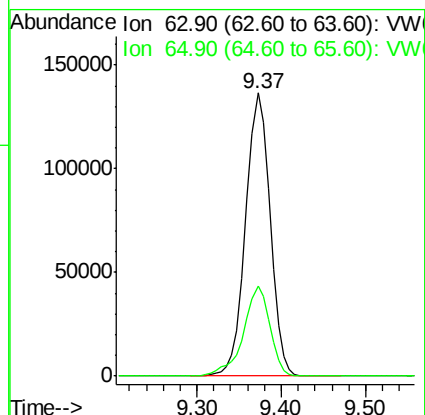
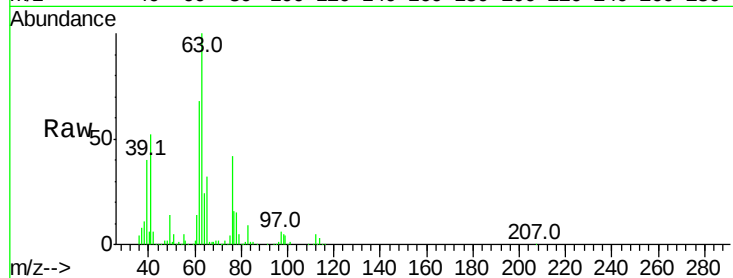




#45
 1,2-Dichloropropane
 Concen: 97.616 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW006807.D
 Acq: 12 Nov 2018 14:07

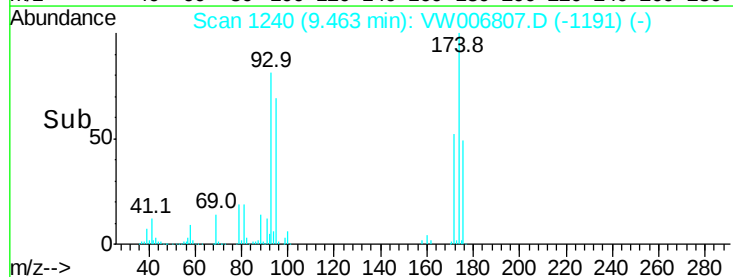
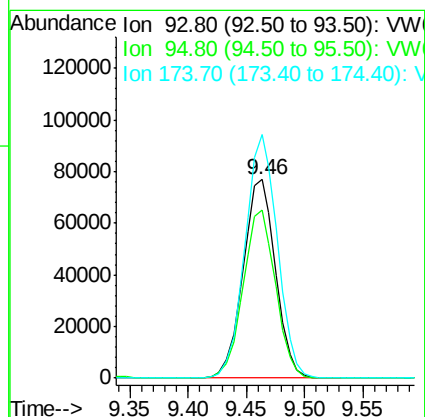
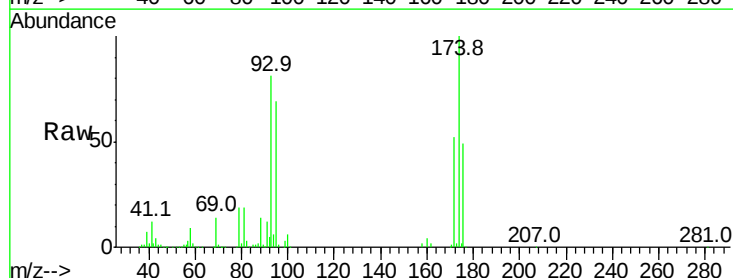
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

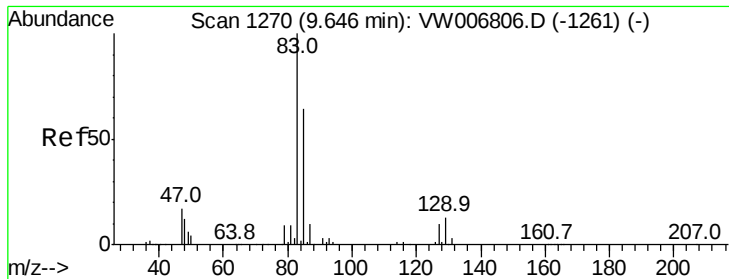
Tgt Ion: 63 Resp: 267292
 Ion Ratio Lower Upper
 63 100
 65 31.8 24.4 36.6



#46
 Dibromomethane
 Concen: 97.320 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW006807.D
 Acq: 12 Nov 2018 14:07

Tgt Ion: 93 Resp: 149612
 Ion Ratio Lower Upper
 93 100
 95 84.4 67.0 100.6
 174 122.1 98.6 147.8





#47

Bromodichloromethane

Concen: 98.159 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW006807.D

Acq: 12 Nov 2018 14:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

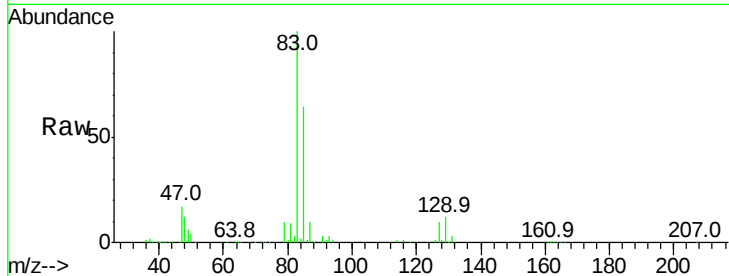
Tgt Ion: 83 Resp: 366173

Ion Ratio Lower Upper

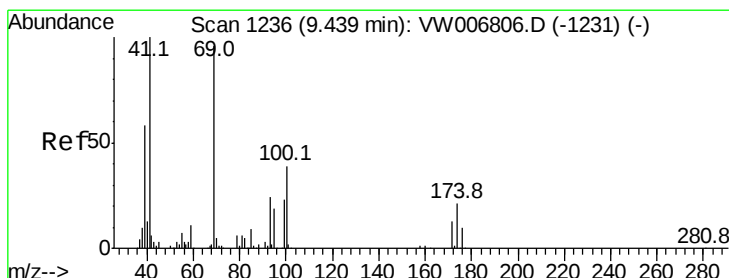
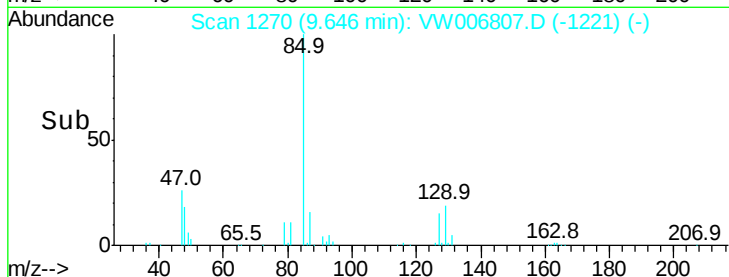
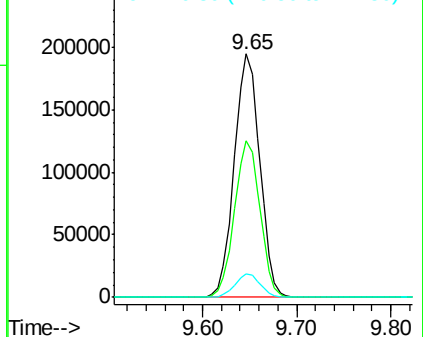
83 100

85 64.2 51.4 77.0

127 9.9 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: 104.869 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW006807.D

Acq: 12 Nov 2018 14:07

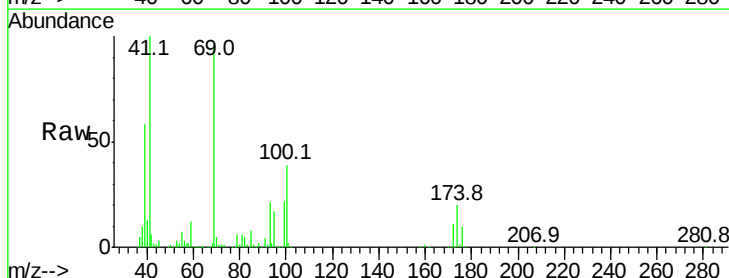
Tgt Ion: 41 Resp: 135760

Ion Ratio Lower Upper

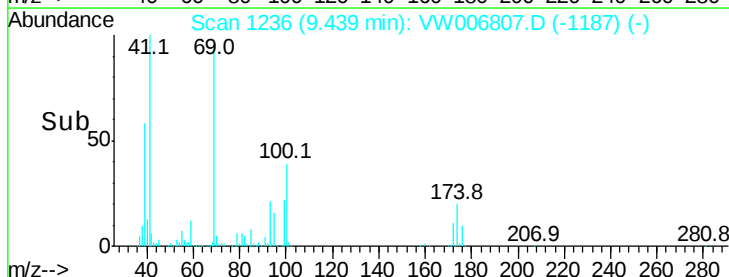
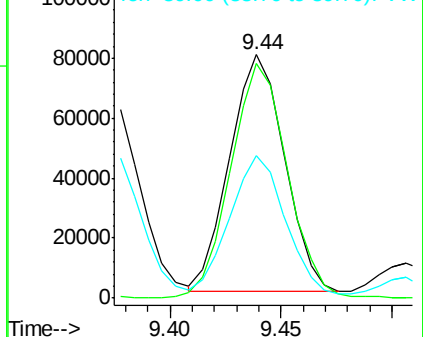
41 100

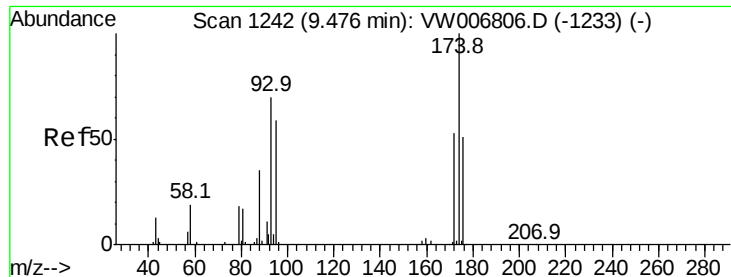
69 101.9 79.8 119.6

39 58.5 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

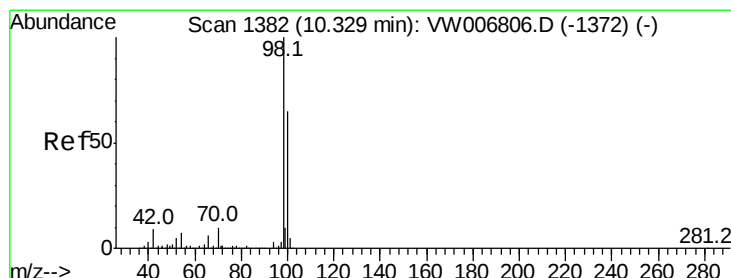
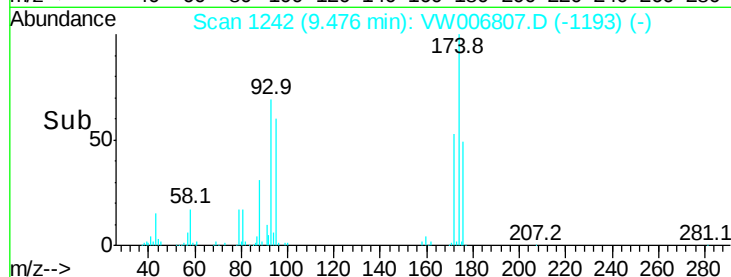
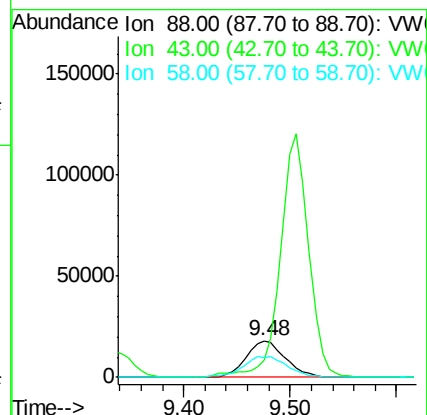
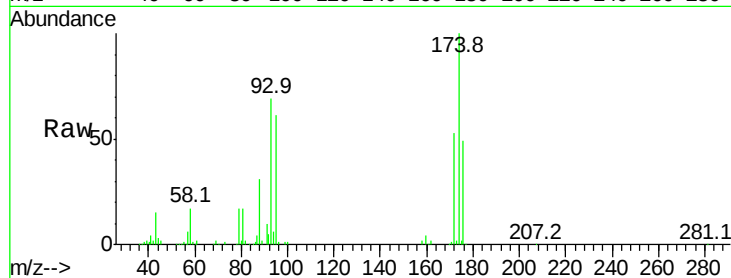




#49
1,4-Dioxane
Concen: 2036.639 ug/l
RT: 9.48 min Scan# 1242
Delta R.T. -0.00 min
Lab File: VW006807.D
Acq: 12 Nov 2018 14:07

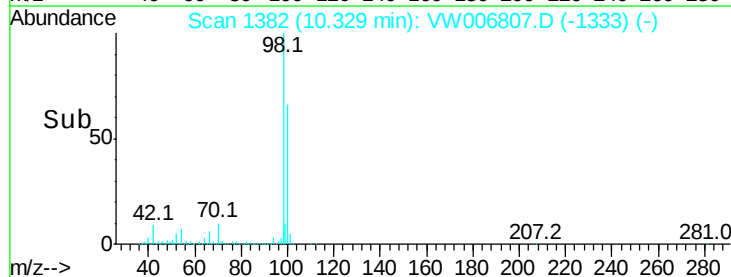
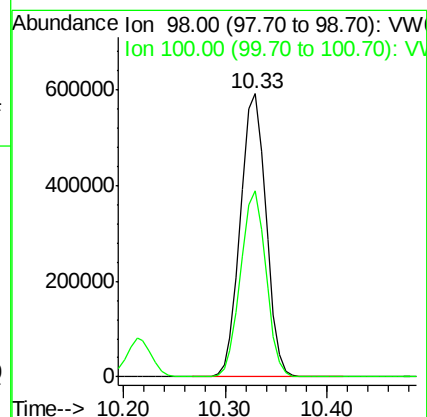
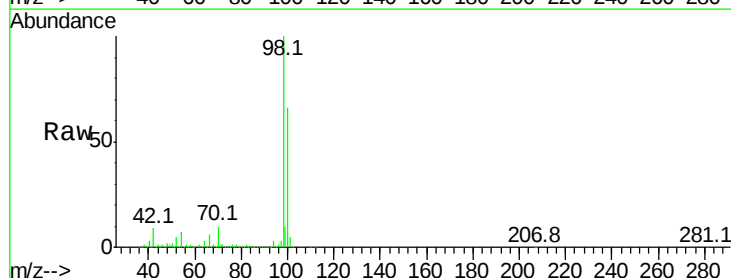
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

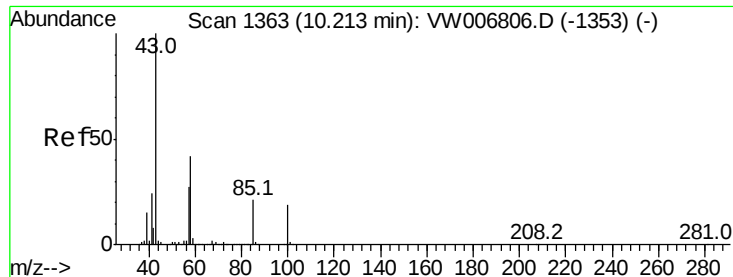
Tgt Ion: 88 Resp: 46874
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 64.2 50.6 75.8



#50
Toluene-d8
Concen: 94.718 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006807.D
Acq: 12 Nov 2018 14:07

Tgt Ion: 98 Resp: 1032392
Ion Ratio Lower Upper
98 100
100 64.8 51.4 77.2





#51

4-Methyl-2-Pentanone

Concen: 508.817 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW006807.D

Acq: 12 Nov 2018 14:07

Instrument :

MSVOA_W

ClientSampleId :

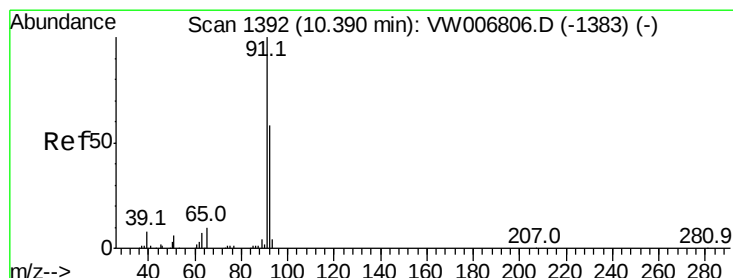
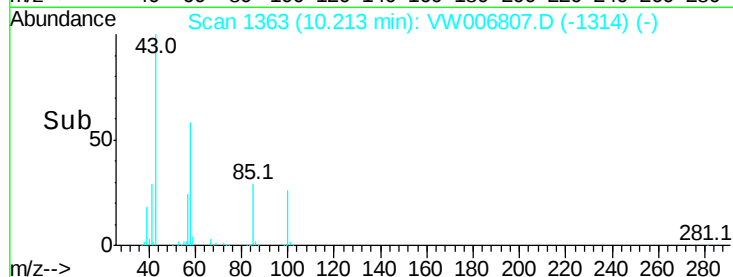
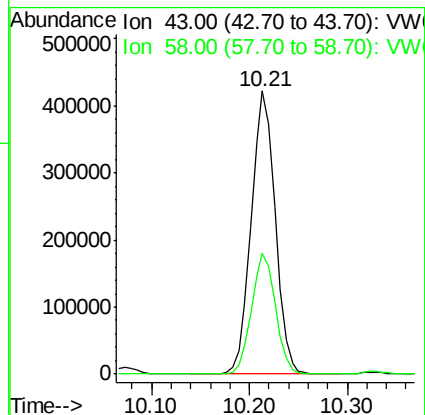
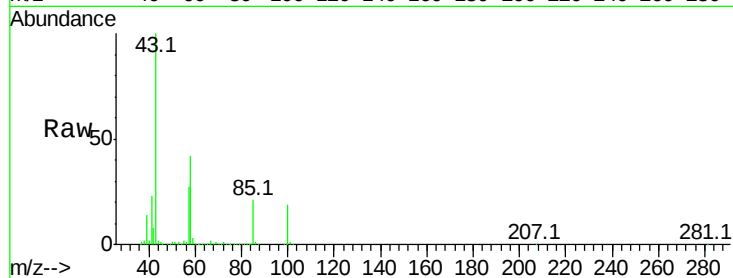
VSTDIC100

Tgt Ion: 43 Resp: 718564

Ion Ratio Lower Upper

43 100

58 42.5 34.0 51.0



#52

Toluene

Concen: 101.579 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW006807.D

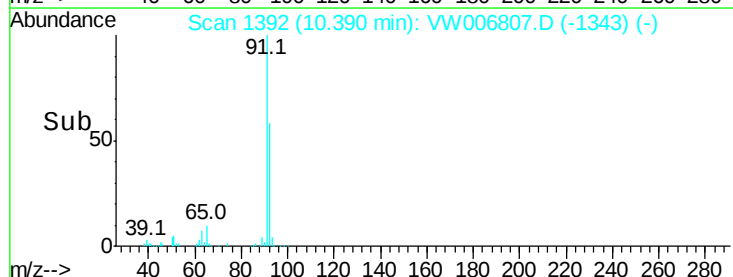
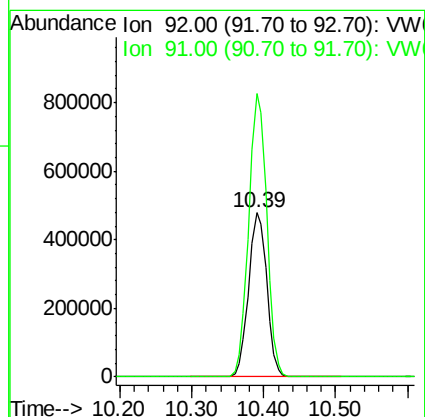
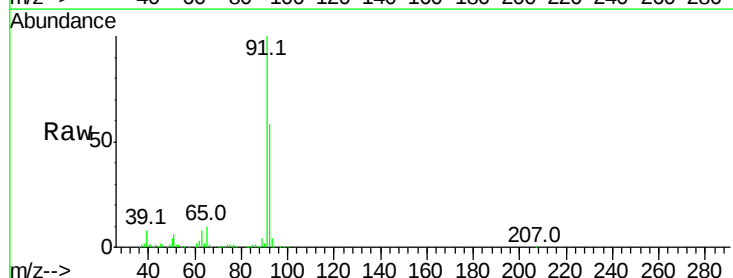
Acq: 12 Nov 2018 14:07

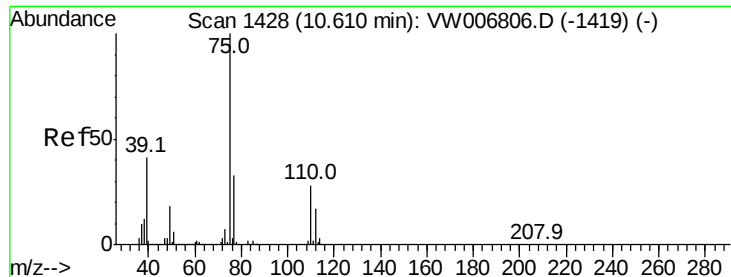
Tgt Ion: 92 Resp: 832637

Ion Ratio Lower Upper

92 100

91 172.3 139.4 209.2





#53

t-1,3-Dichloropropene

Concen: 108.640 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW006807.D

Acq: 12 Nov 2018 14:07

Instrument :

MSVOA_W

ClientSampled :

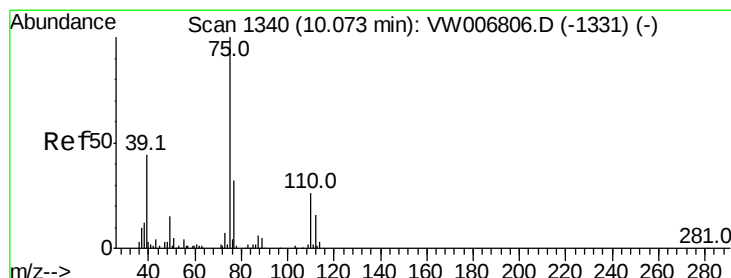
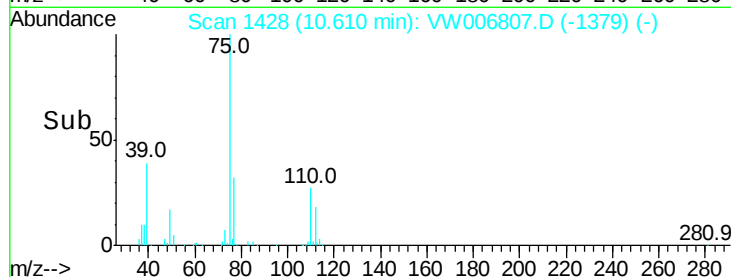
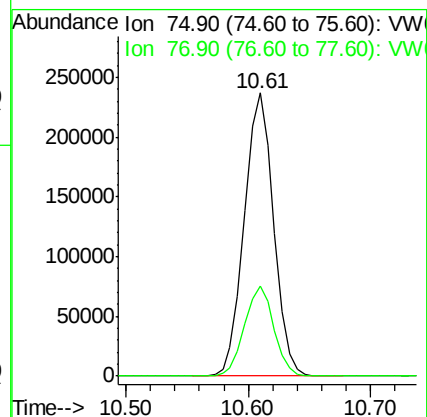
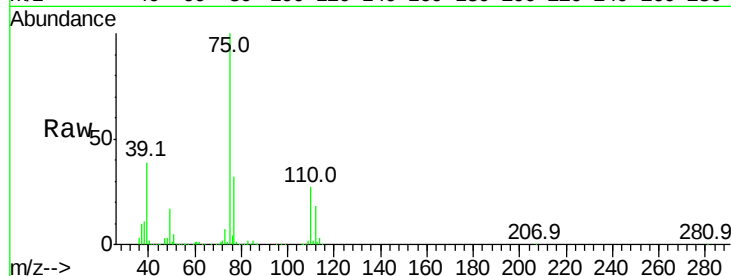
VSTDIC100

Tgt Ion: 75 Resp: 392977

Ion Ratio Lower Upper

75 100

77 31.7 26.3 39.5



#54

cis-1,3-Dichloropropene

Concen: 104.782 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW006807.D

Acq: 12 Nov 2018 14:07

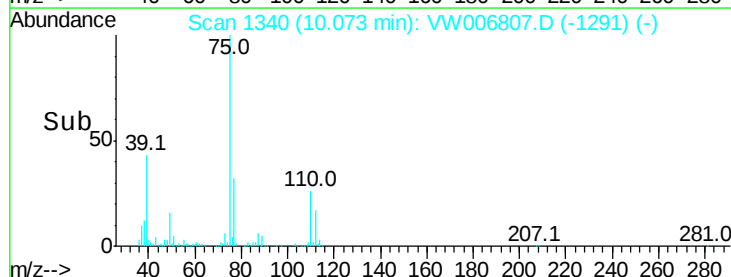
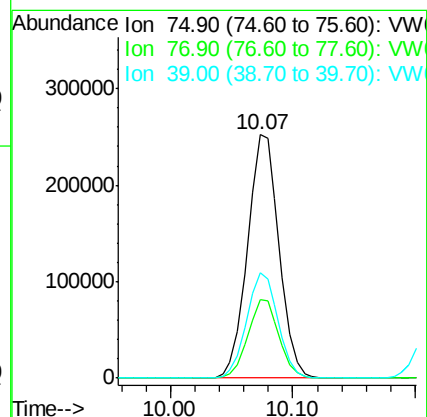
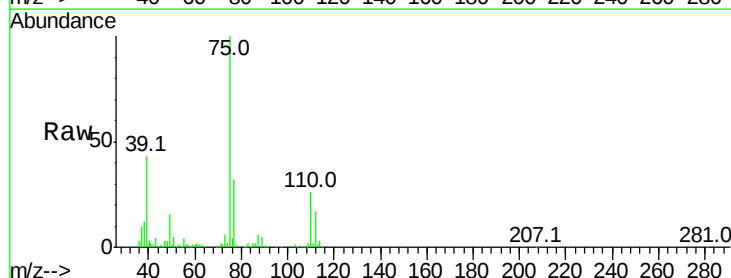
Tgt Ion: 75 Resp: 449379

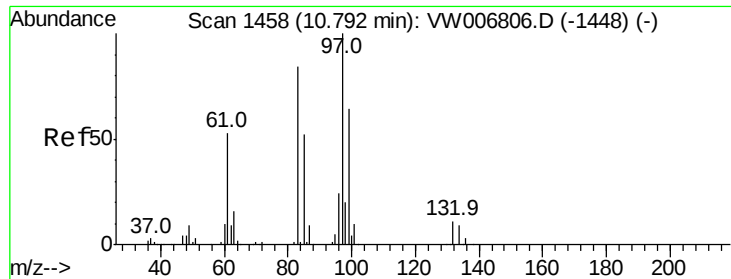
Ion Ratio Lower Upper

75 100

77 32.2 25.2 37.8

39 43.3 35.3 52.9

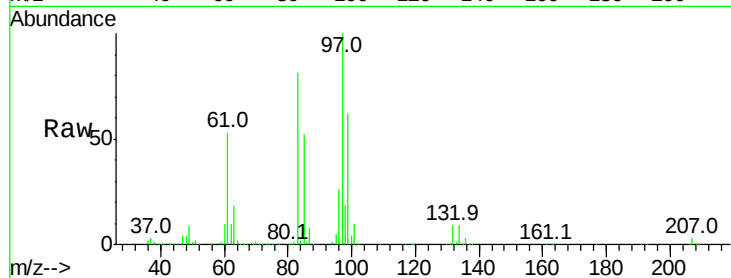




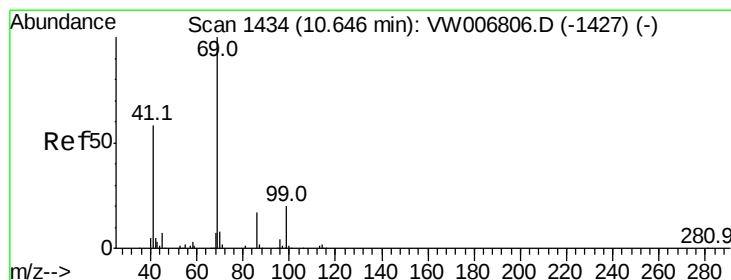
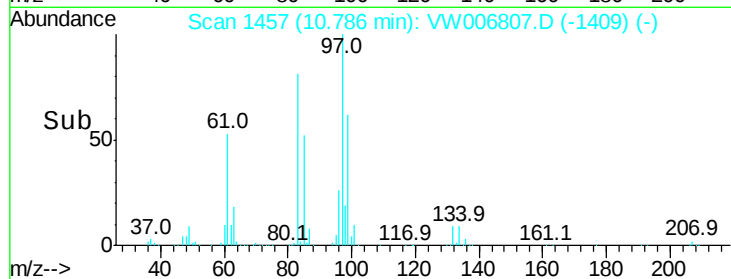
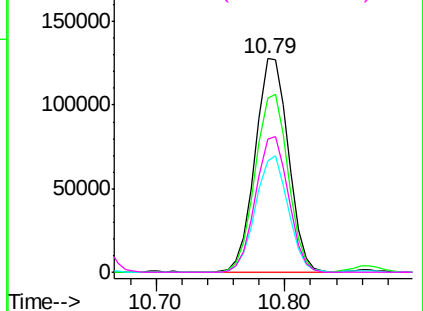
#55
 1,1,2-Trichloroethane
 Concen: 100.832 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: VW006807.D
 Acq: 12 Nov 2018 14:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tgt Ion:	97	Resp:	228358
Ion	Ratio	Lower	Upper
97	100		
83	81.4	67.0	100.4
85	52.4	41.7	62.5
99	62.4	50.8	76.2

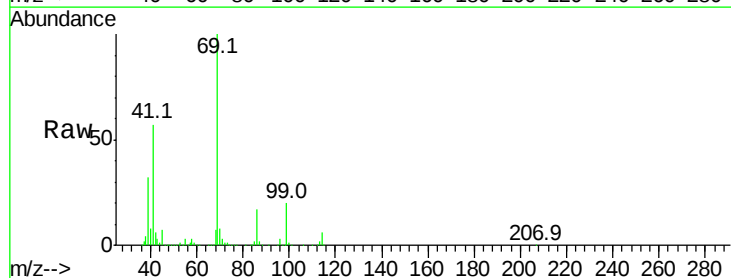


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

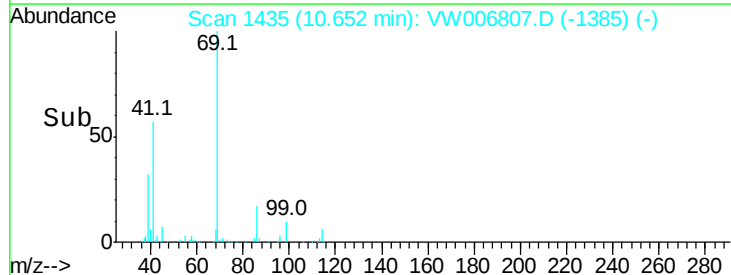
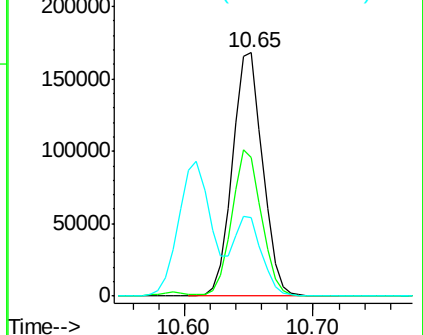


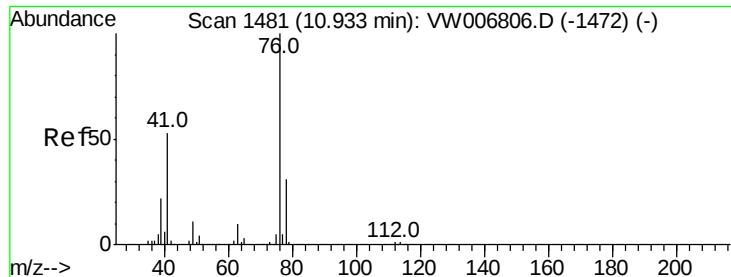
#56
 Ethyl methacrylate
 Concen: 109.696 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.01 min
 Lab File: VW006807.D
 Acq: 12 Nov 2018 14:07

Tgt Ion:	69	Resp:	274335
Ion	Ratio	Lower	Upper
69	100		
41	58.9	47.0	70.4
39	28.3	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: 100.568 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

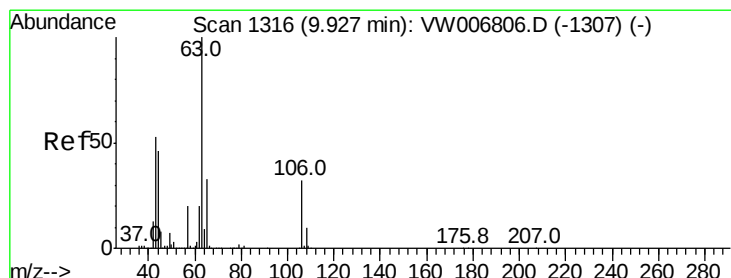
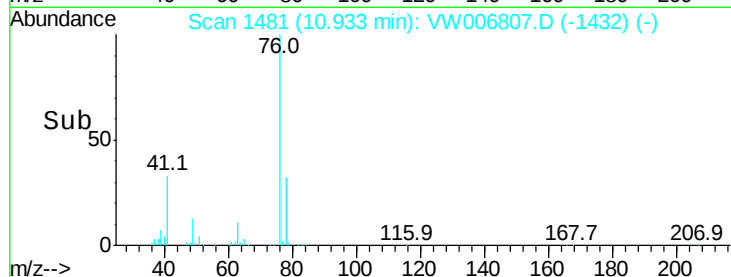
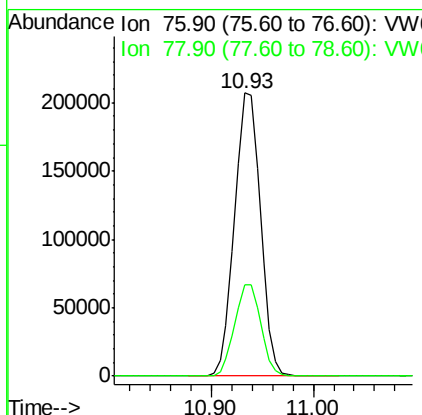
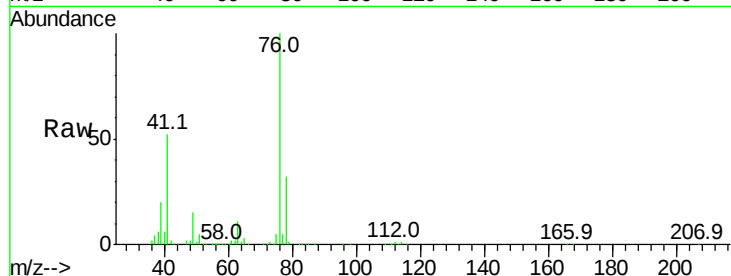
Lab File: VW006807.D

Acq: 12 Nov 2018 14:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion: 76 Resp: 364098

Ion	Ratio	Lower	Upper
76	100		
78	32.6	26.2	39.2



#58

2-Chloroethyl Vinyl ether

Concen: 523.674 ug/l

RT: 9.93 min Scan# 1316

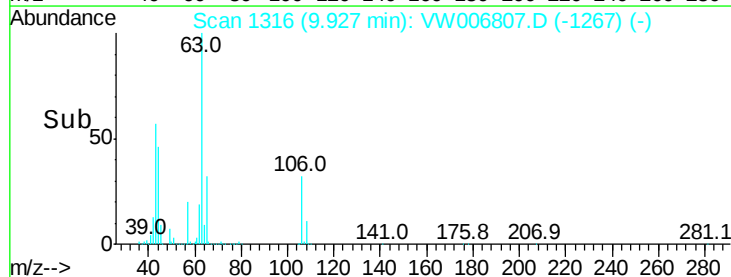
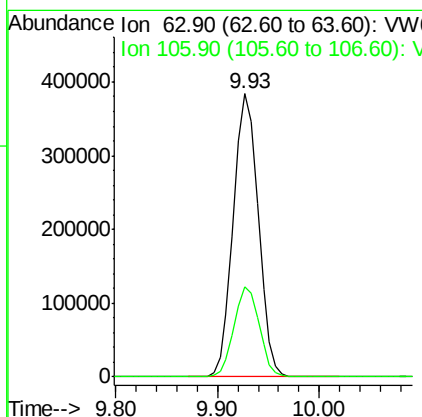
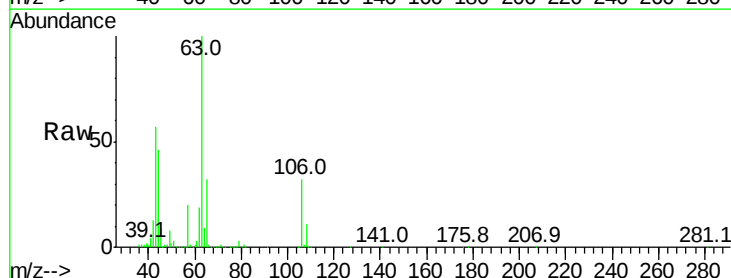
Delta R.T. -0.00 min

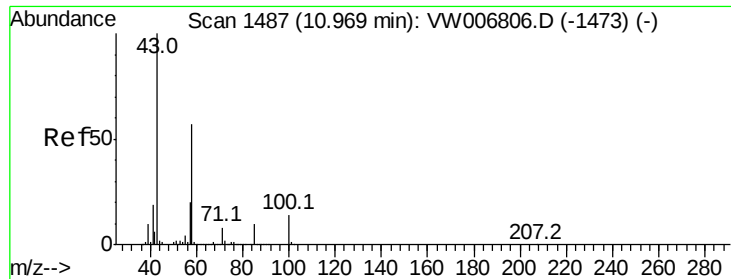
Lab File: VW006807.D

Acq: 12 Nov 2018 14:07

Tgt Ion: 63 Resp: 652215

Ion	Ratio	Lower	Upper
63	100		
106	32.1	25.4	38.0





#59

2-Hexanone

Concen: 530.460 ug/l

RT: 10.98 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VW006807.D

Acq: 12 Nov 2018 14:07

Instrument :

MSVOA_W

ClientSampleId :

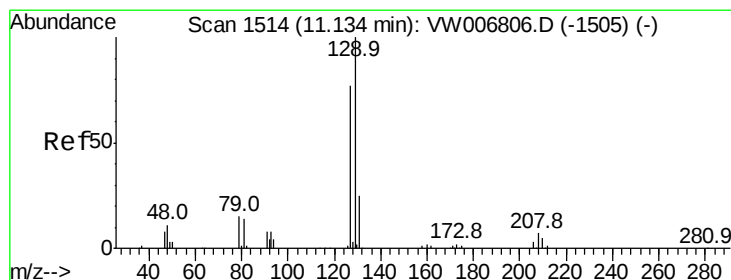
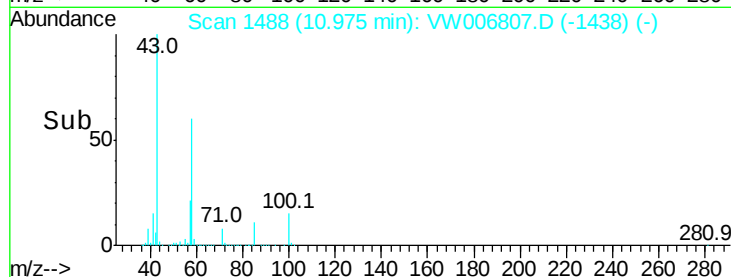
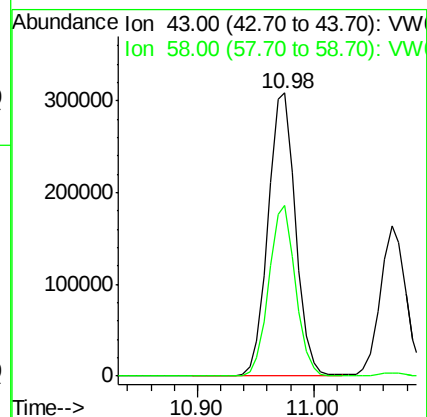
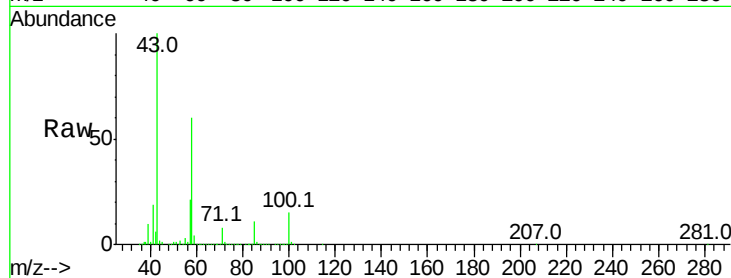
VSTDIC100

Tgt Ion: 43 Resp: 507689

Ion Ratio Lower Upper

43 100

58 58.4 28.7 86.1



#60

Dibromochloromethane

Concen: 107.525 ug/l

RT: 11.13 min Scan# 1514

Delta R.T. -0.00 min

Lab File: VW006807.D

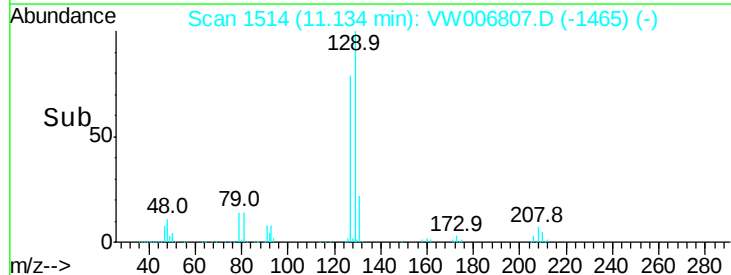
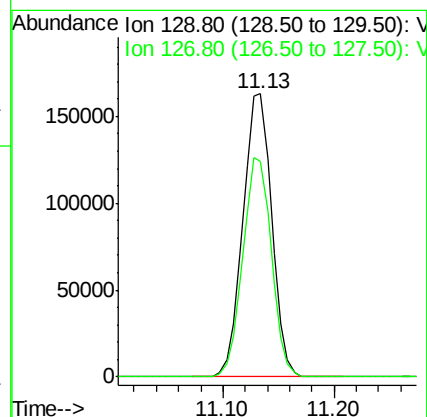
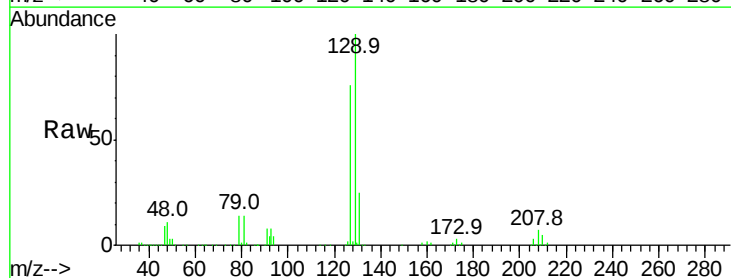
Acq: 12 Nov 2018 14:07

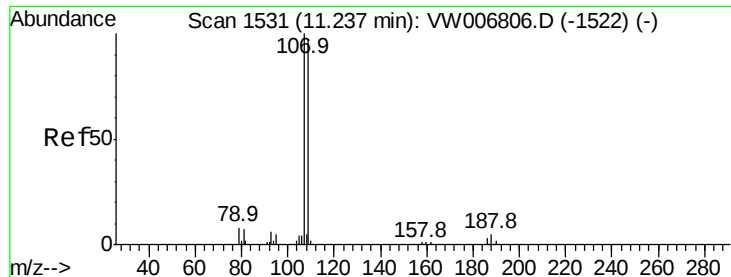
Tgt Ion: 129 Resp: 292712

Ion Ratio Lower Upper

129 100

127 76.5 38.7 116.1

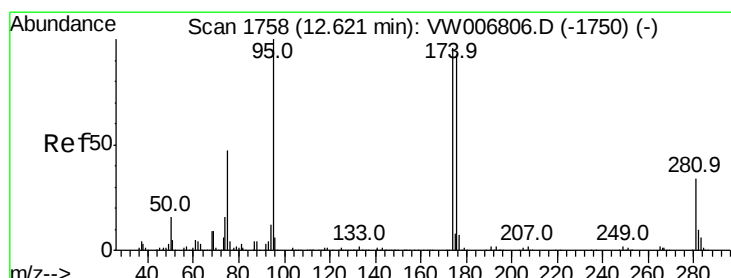
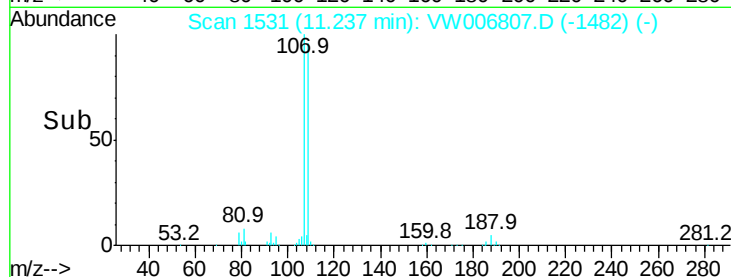
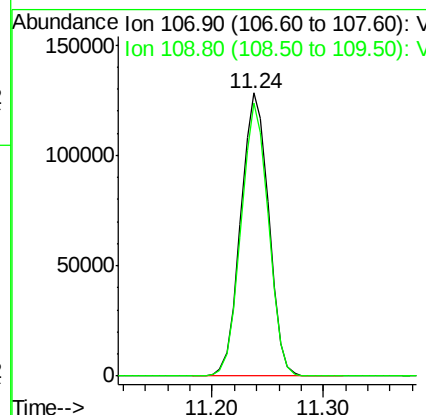
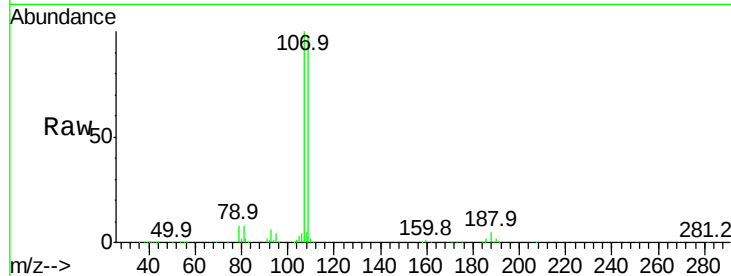




#61
 1,2-Dibromoethane
 Concen: 102.088 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW006807.D
 Acq: 12 Nov 2018 14:07

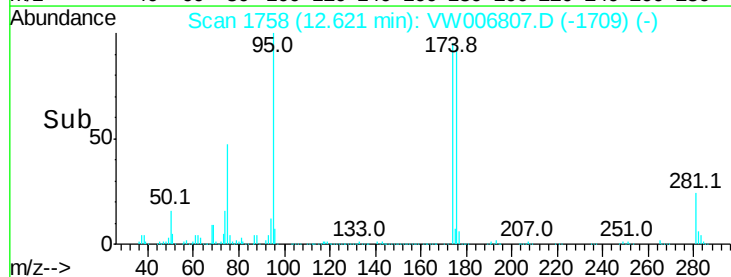
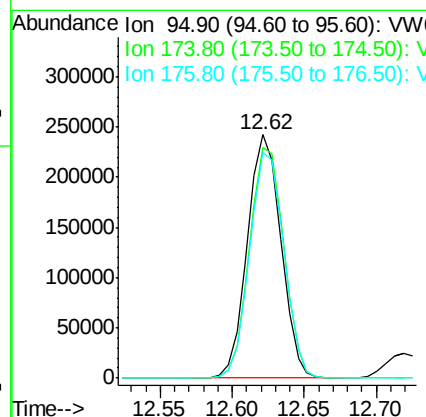
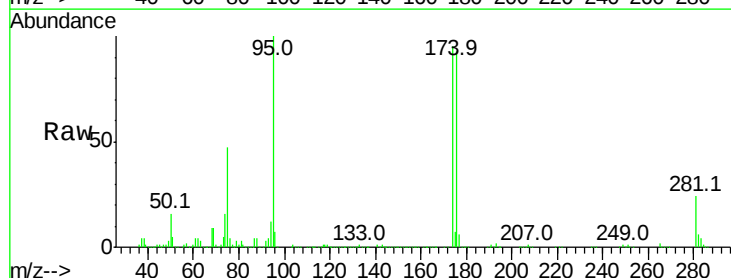
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

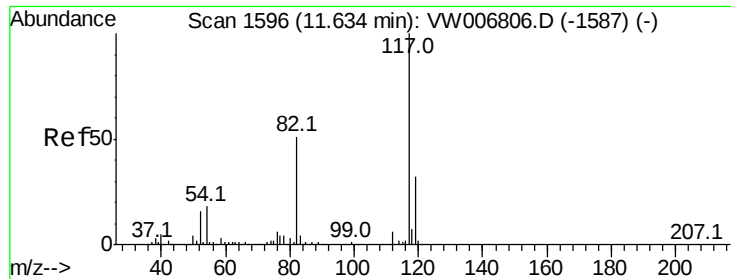
Tgt Ion: 107 Resp: 222441
 Ion Ratio Lower Upper
 107 100
 109 94.7 76.7 115.1



#62
 4-Bromofluorobenzene
 Concen: 98.260 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW006807.D
 Acq: 12 Nov 2018 14:07

Tgt Ion: 95 Resp: 390054
 Ion Ratio Lower Upper
 95 100
 174 96.9 0.0 196.6
 176 94.2 0.0 191.6

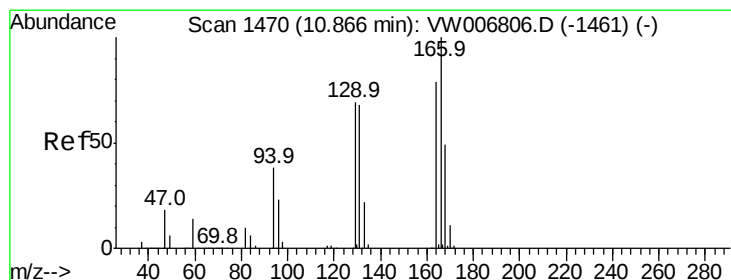
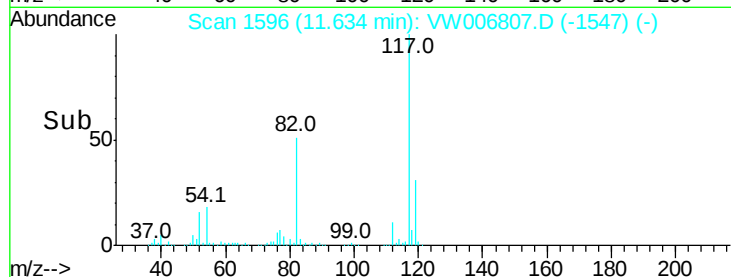
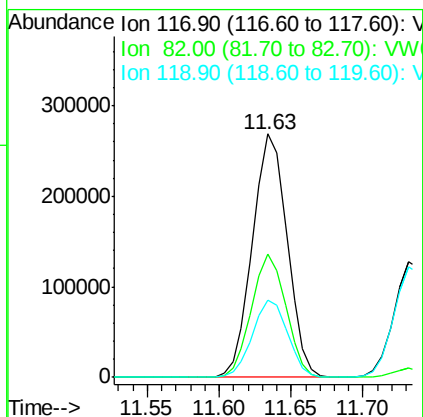
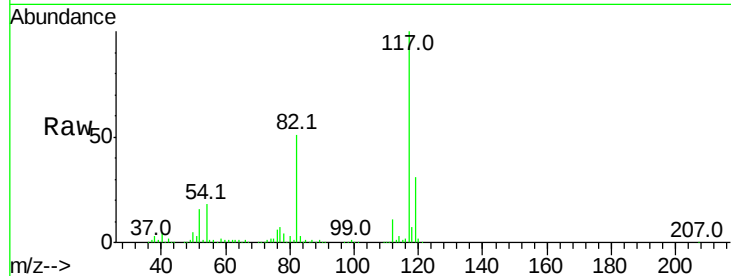




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006807.D
Acq: 12 Nov 2018 14:07

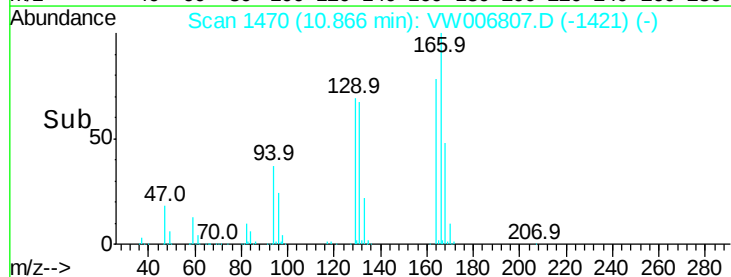
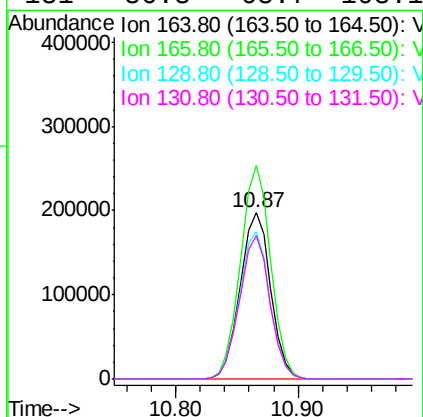
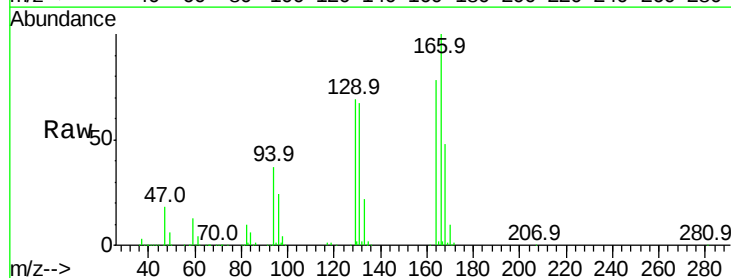
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

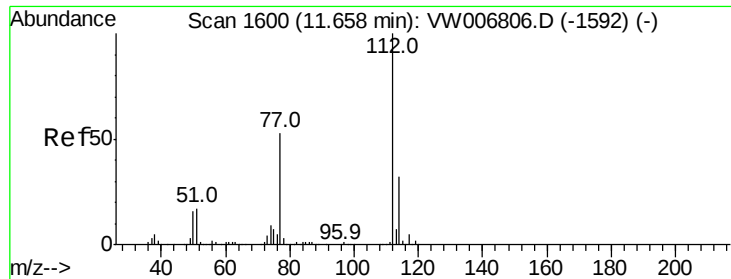
Tgt Ion:117 Resp: 448604
Ion Ratio Lower Upper
117 100
82 50.6 40.6 61.0
119 31.5 25.5 38.3



#64
Tetrachloroethene
Concen: 99.340 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW006807.D
Acq: 12 Nov 2018 14:07

Tgt Ion:164 Resp: 340307
Ion Ratio Lower Upper
164 100
166 128.7 101.3 151.9
129 88.8 69.6 104.4
131 86.3 68.7 103.1





#65

Chlorobenzene

Concen: 100.679 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW006807.D

Acq: 12 Nov 2018 14:07

Instrument :

MSVOA_W

ClientSampleId :

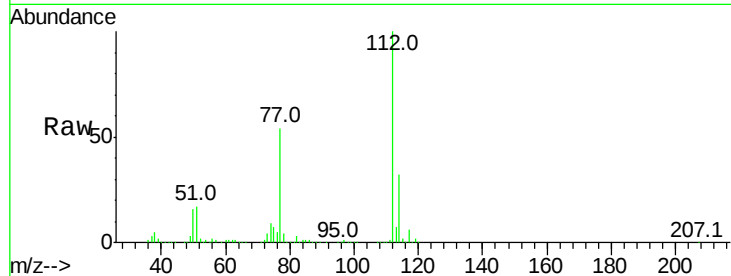
VSTDIC100

Tgt Ion:112 Resp: 961367

Ion Ratio Lower Upper

112 100

114 32.5 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

600000

500000

400000

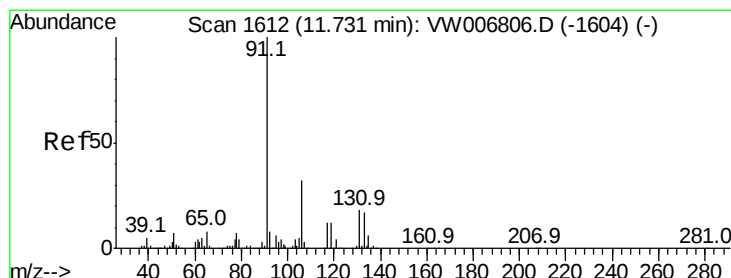
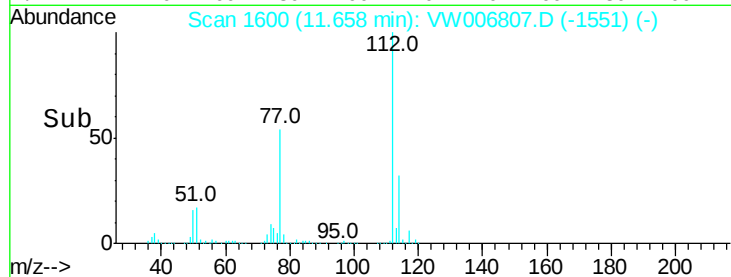
300000

200000

100000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 105.538 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW006807.D

Acq: 12 Nov 2018 14:07

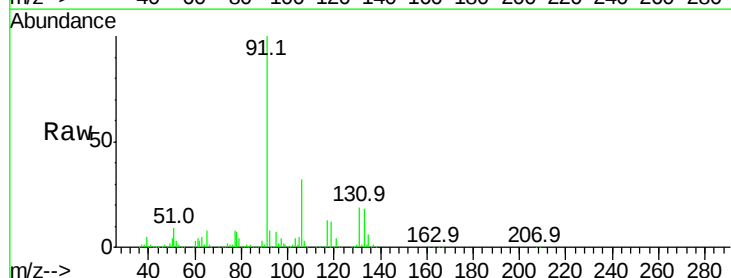
Tgt Ion:131 Resp: 322834

Ion Ratio Lower Upper

131 100

133 95.4 47.9 143.8

119 64.7 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

250000

200000

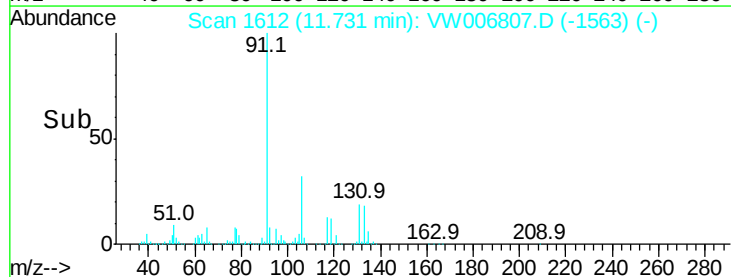
150000

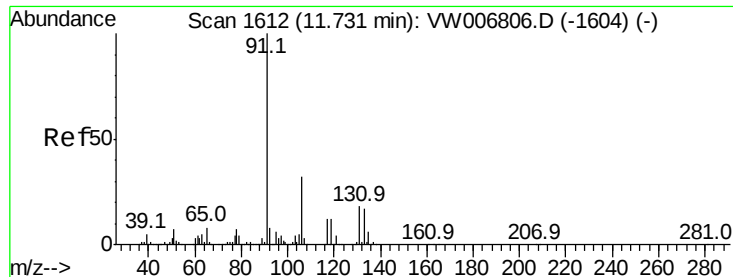
100000

50000

0

Time-->





#67

Ethyl Benzene

Concen: 104.018 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. 0.01 min

Lab File: VW006807.D

Acq: 12 Nov 2018 14:07

Instrument :

MSVOA_W

ClientSampleId :

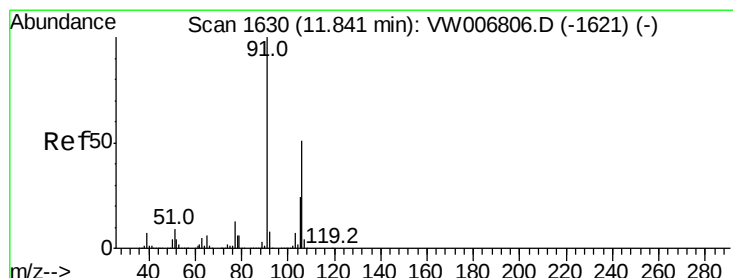
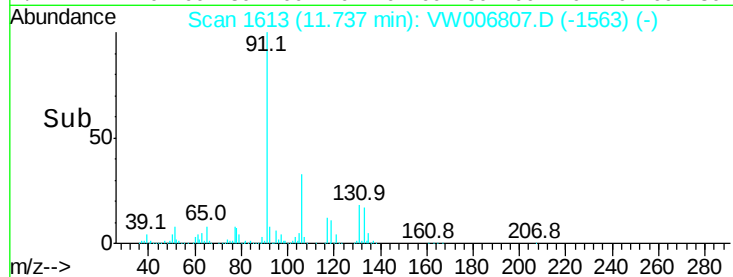
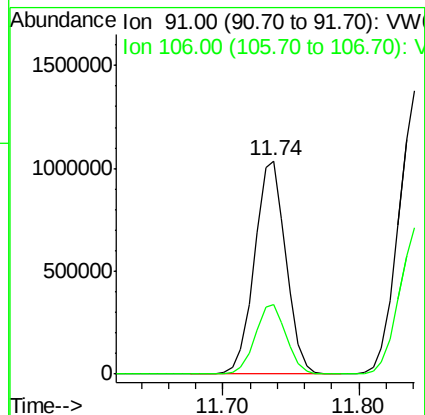
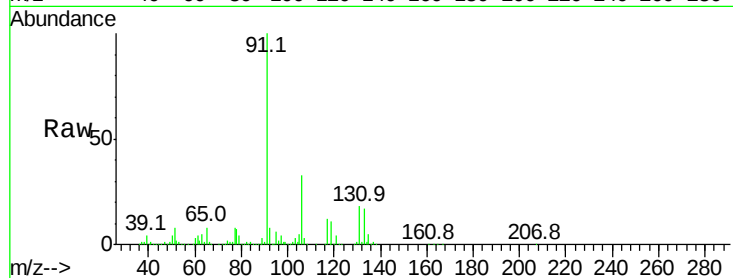
VSTDIC100

Tgt Ion: 91 Resp: 1670914

Ion Ratio Lower Upper

91 100

106 32.6 25.4 38.0



#68

m/p-Xylenes

Concen: 207.435 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VW006807.D

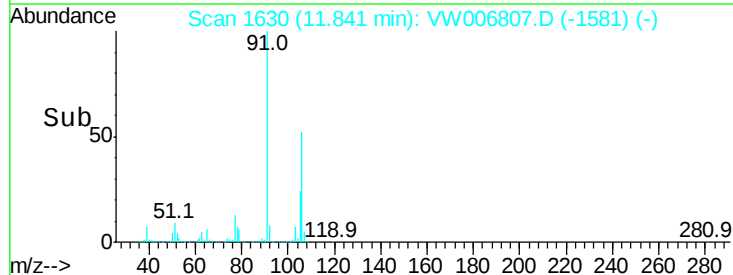
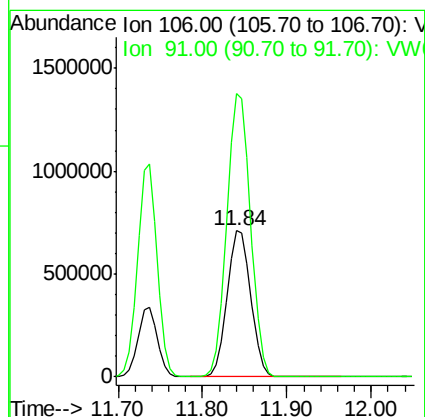
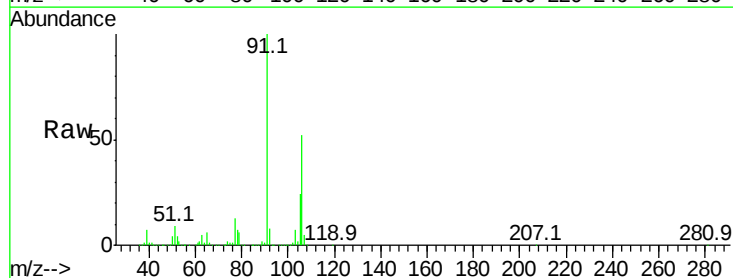
Acq: 12 Nov 2018 14:07

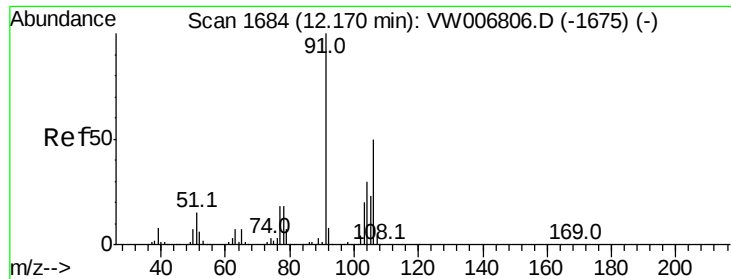
Tgt Ion: 106 Resp: 1359161

Ion Ratio Lower Upper

106 100

91 194.5 155.7 233.5

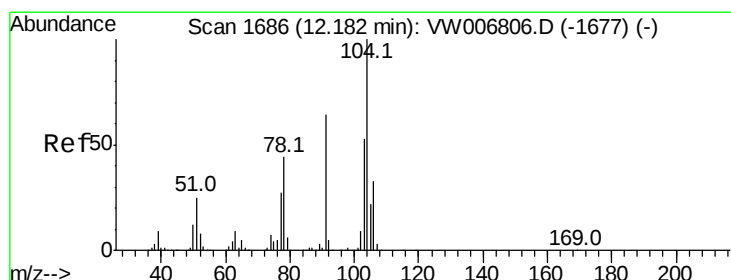
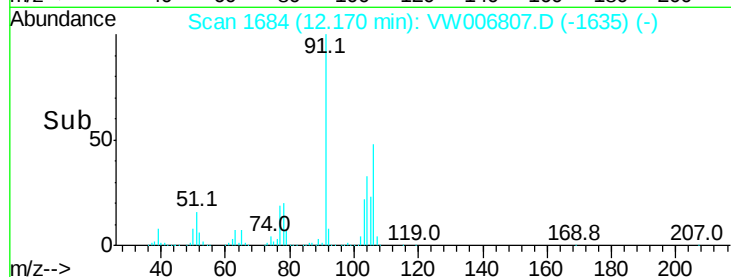
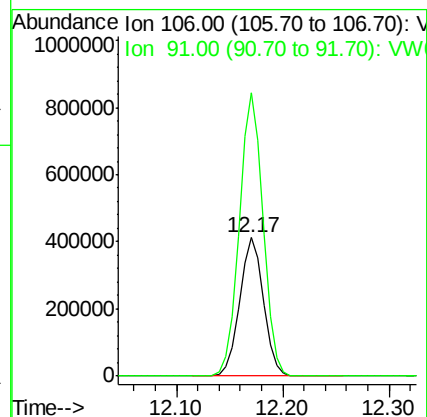
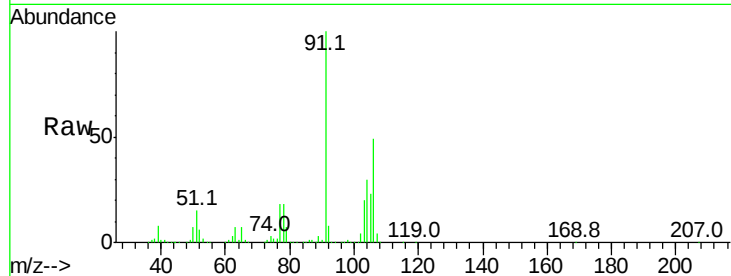




#69
o-Xylene
Concen: 106.735 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006807.D
Acq: 12 Nov 2018 14:07

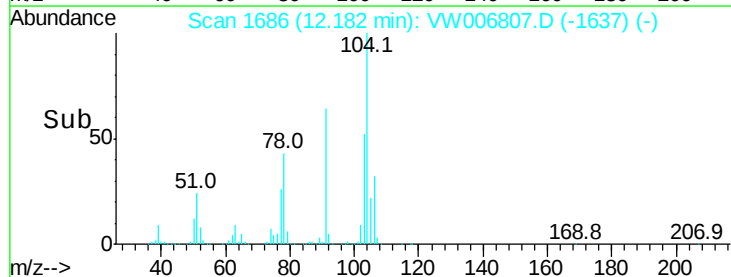
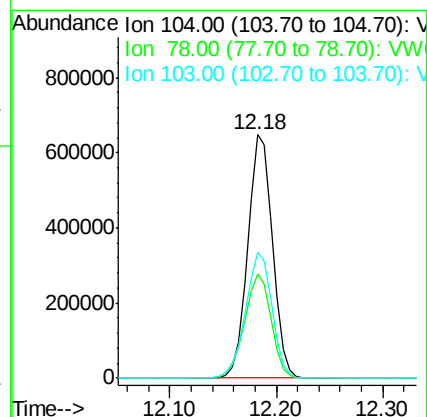
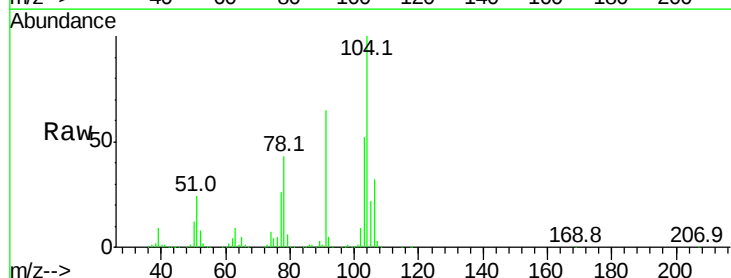
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

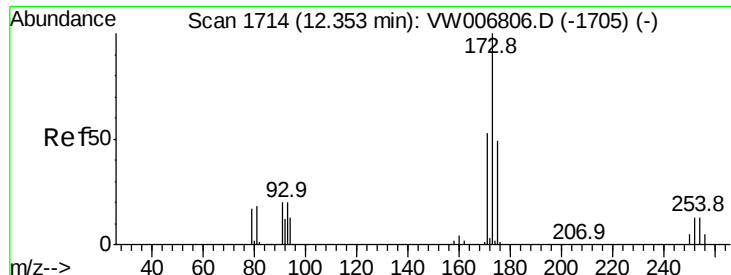
Tgt Ion:106 Resp: 643847
Ion Ratio Lower Upper
106 100
91 204.5 101.9 305.7



#70
Styrene
Concen: 107.663 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW006807.D
Acq: 12 Nov 2018 14:07

Tgt Ion:104 Resp: 1055612
Ion Ratio Lower Upper
104 100
78 46.1 37.3 55.9
103 55.2 44.6 66.8

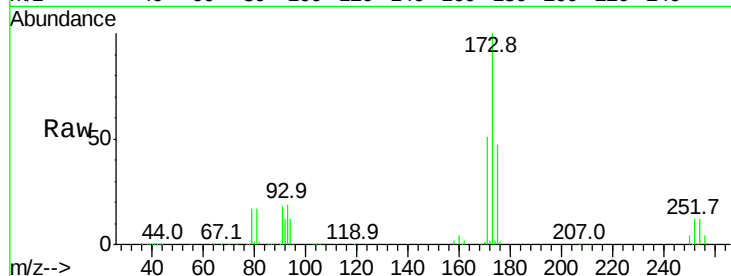




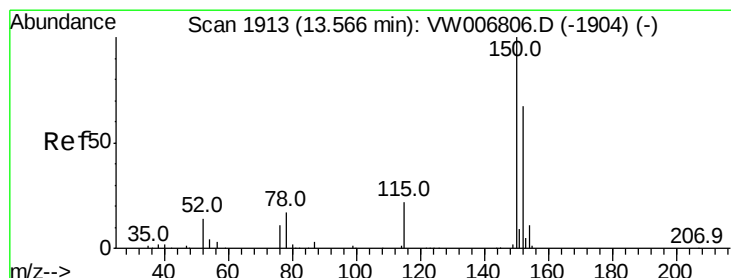
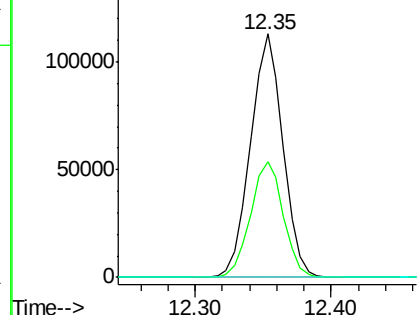
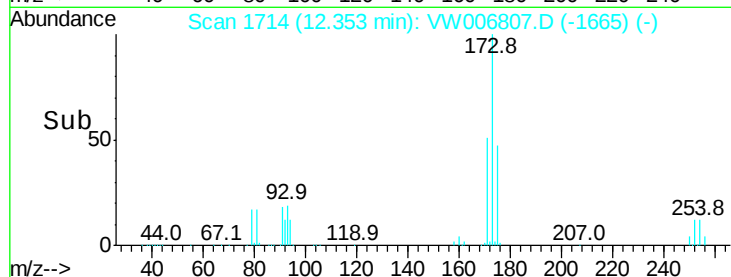
#71
Bromoform
Concen: 110.687 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. -0.00 min
Lab File: VW006807.D
Acq: 12 Nov 2018 14:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion:173 Resp: 187554
Ion Ratio Lower Upper
173 100
175 48.3 24.4 73.4
254 0.1 0.1 0.1

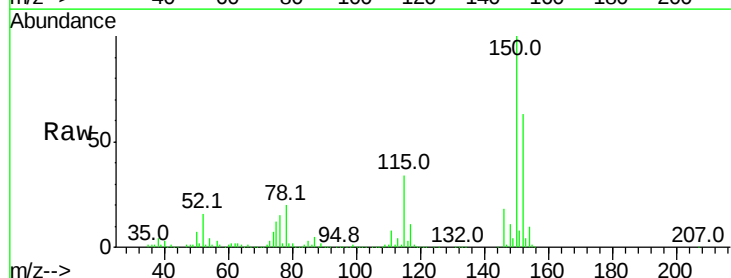


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

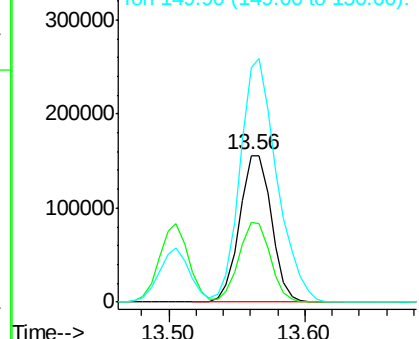
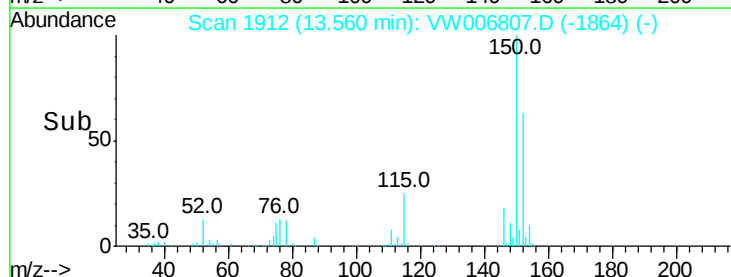


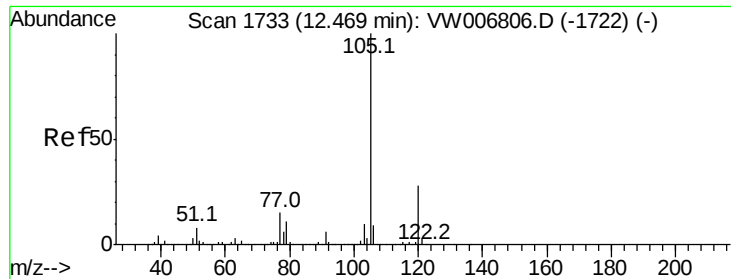
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.01 min
Lab File: VW006807.D
Acq: 12 Nov 2018 14:07

Tgt Ion:152 Resp: 255370
Ion Ratio Lower Upper
152 100
115 53.8 27.3 81.8
150 190.6 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: 106.658 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW006807.D

Acq: 12 Nov 2018 14:07

Instrument :

MSVOA_W

ClientSampleId :

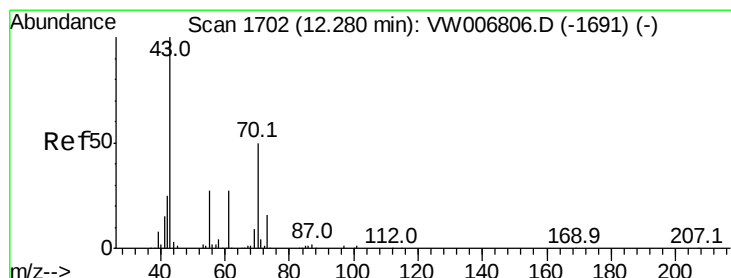
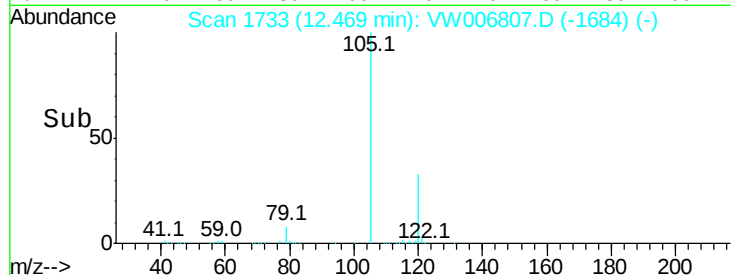
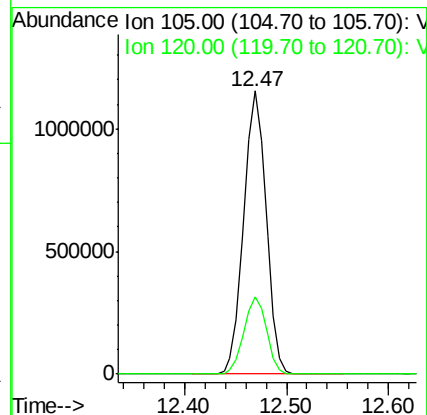
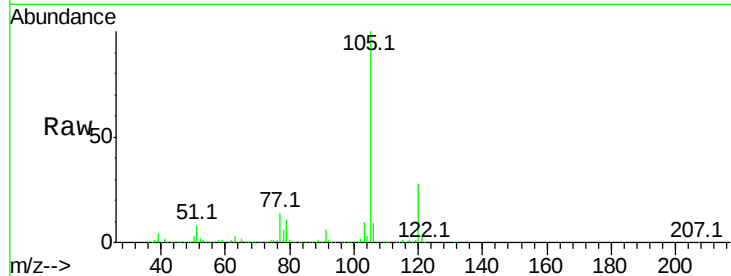
VSTDIC100

Tgt Ion:105 Resp: 1752458

Ion Ratio Lower Upper

105 100

120 27.6 14.0 42.0



#74

N-ethyl acetate

Concen: 107.433 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW006807.D

Acq: 12 Nov 2018 14:07

Tgt Ion: 43 Resp: 287720

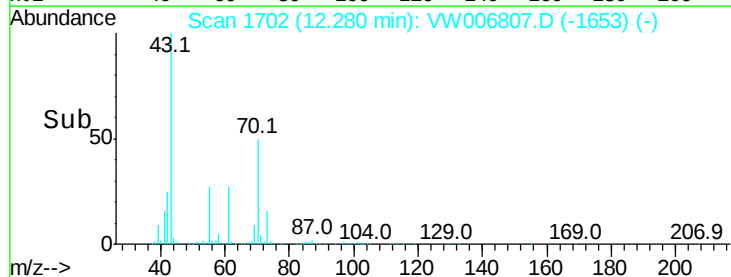
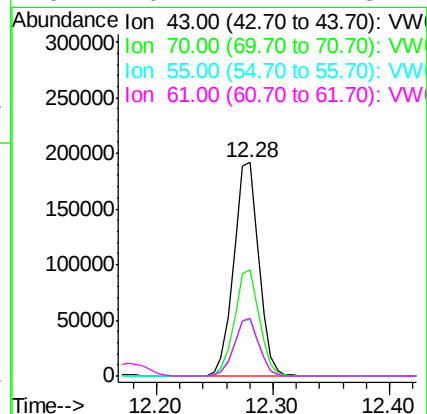
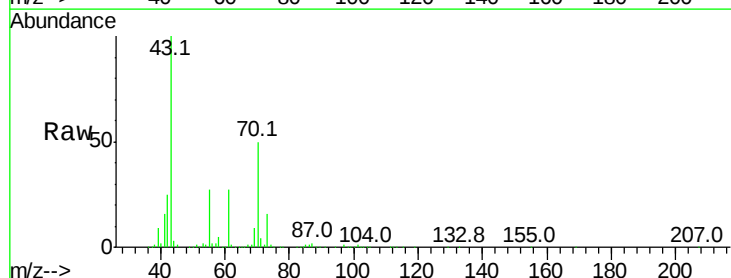
Ion Ratio Lower Upper

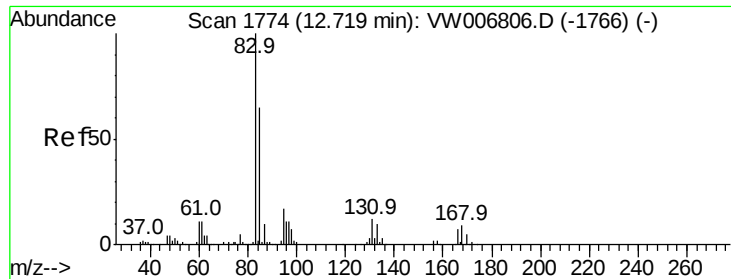
43 100

70 49.0 39.0 58.4

55 26.7 22.1 33.1

61 26.7 21.1 31.7





#75

1,1,2,2-Tetrachloroethane

Concen: 101.906 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW006807.D

Acq: 12 Nov 2018 14:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

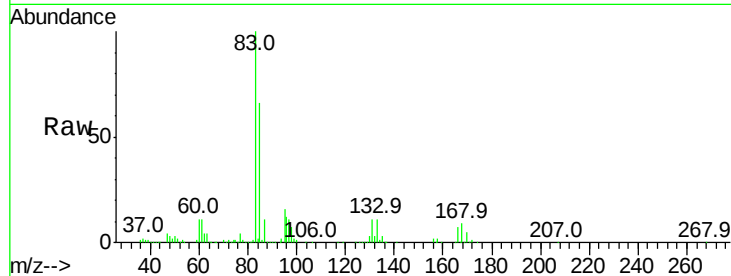
Tgt Ion: 83 Resp: 249451

Ion Ratio Lower Upper

83 100

131 12.1 6.1 18.3

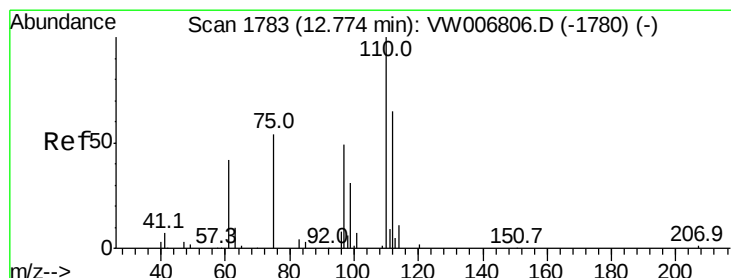
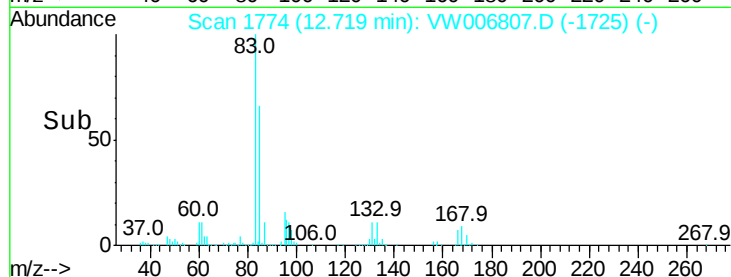
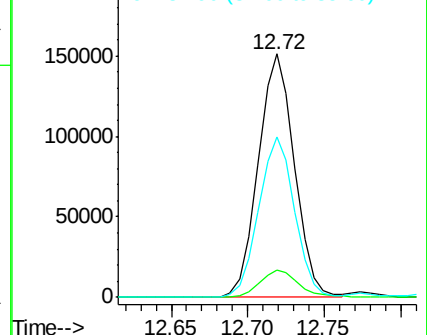
85 65.3 32.4 97.0



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: 177.840 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW006807.D

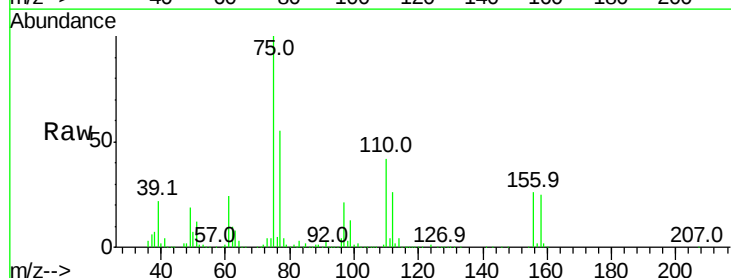
Acq: 12 Nov 2018 14:07

Tgt Ion: 75 Resp: 331190

Ion Ratio Lower Upper

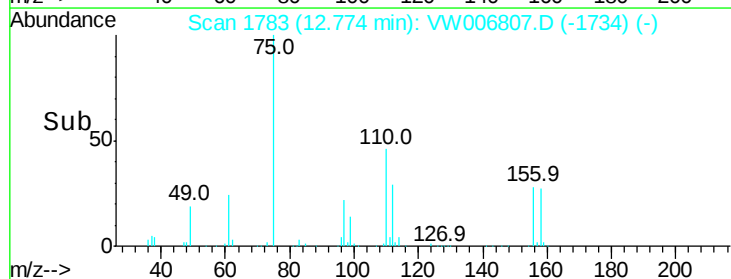
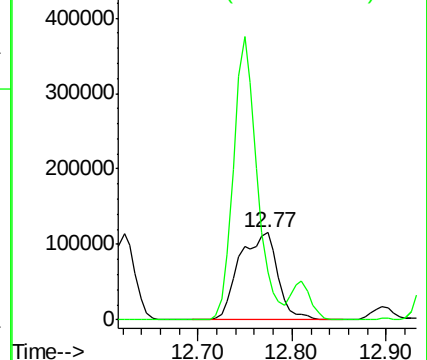
75 100

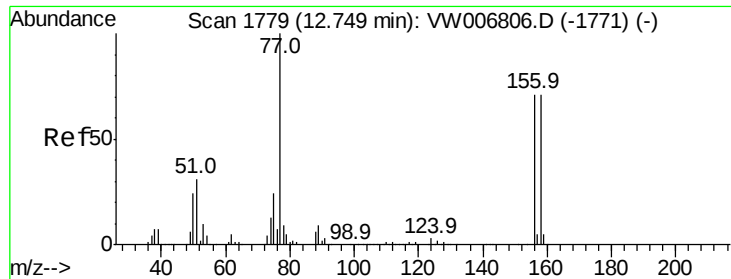
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

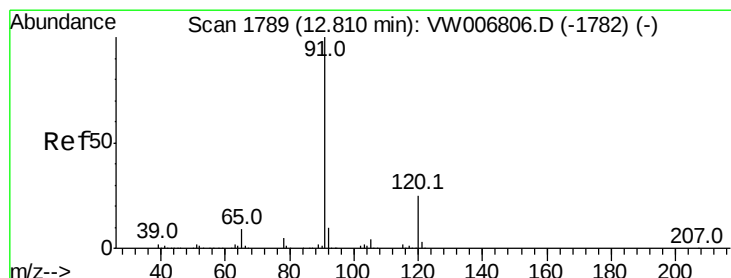
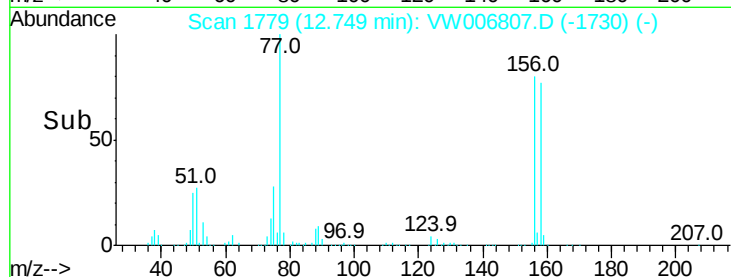
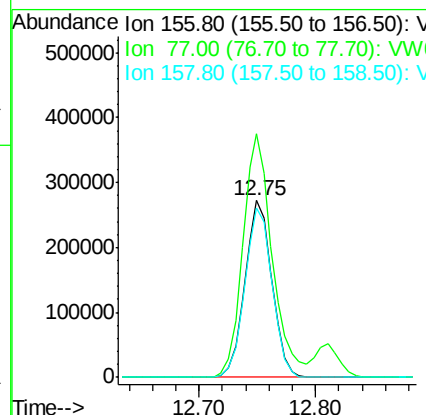
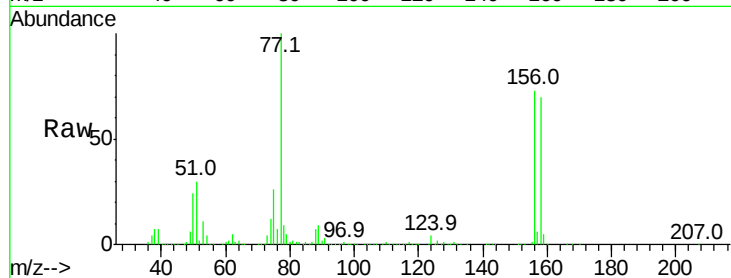




#77
Bromobenzene
Concen: 103.016 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. -0.00 min
Lab File: VW006807.D
Acq: 12 Nov 2018 14:07

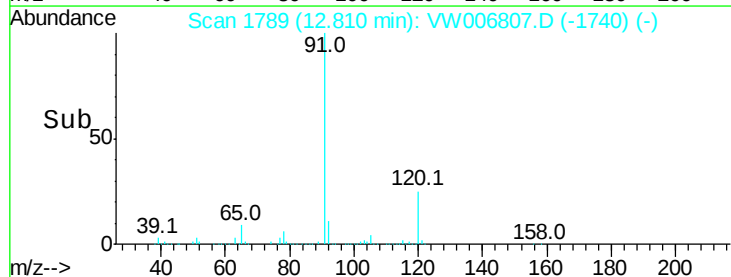
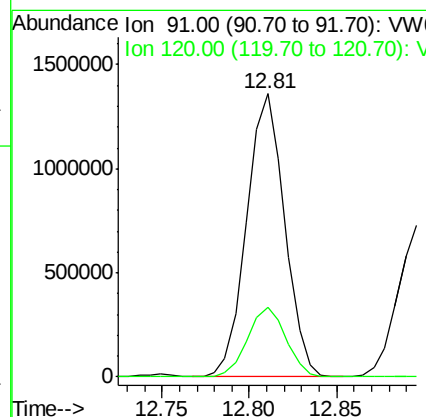
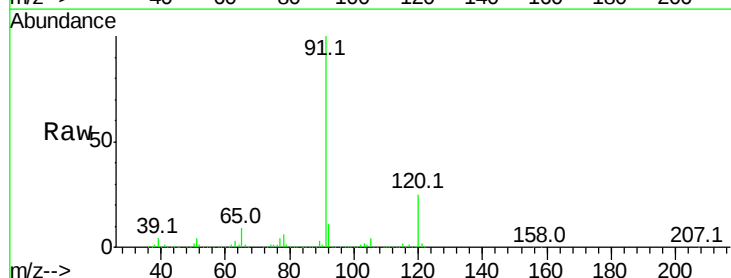
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

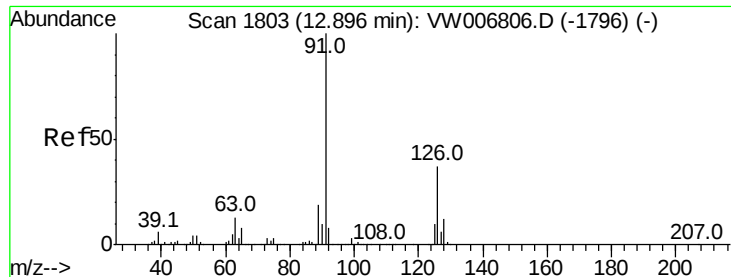
Tgt Ion:156 Resp: 437657
Ion Ratio Lower Upper
156 100
77 150.2 75.3 225.7
158 97.1 49.2 147.6



#78
n-propylbenzene
Concen: 105.051 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VW006807.D
Acq: 12 Nov 2018 14:07

Tgt Ion: 91 Resp: 2050896
Ion Ratio Lower Upper
91 100
120 24.8 12.4 37.4





#79

2-Chlorotoluene

Concen: 103.836 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW006807.D

Acq: 12 Nov 2018 14:07

Instrument :

MSVOA_W

ClientSampleId :

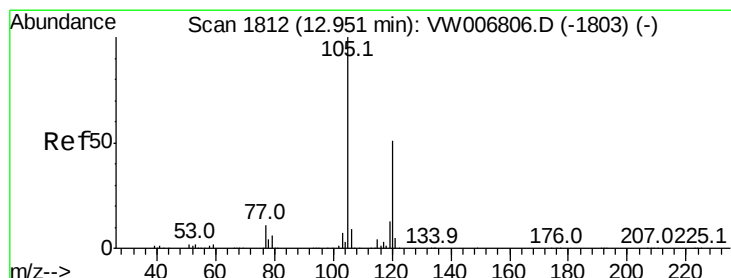
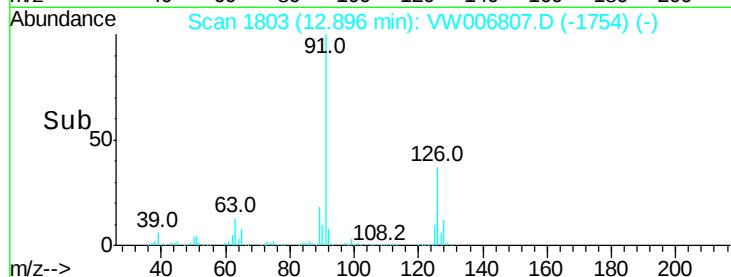
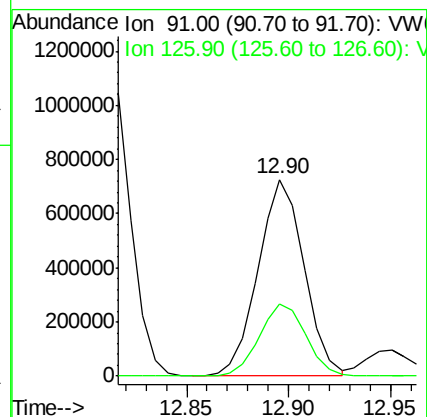
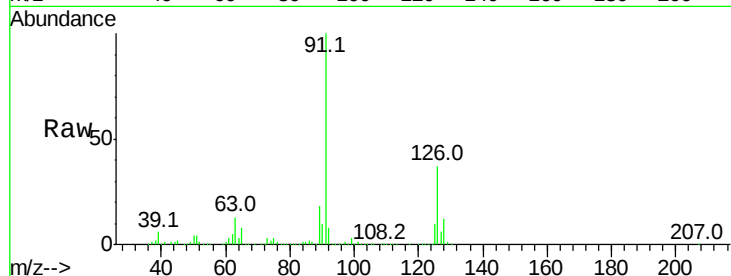
VSTDIC100

Tgt Ion: 91 Resp: 1141994

Ion Ratio Lower Upper

91 100

126 37.3 18.5 55.5



#80

1,3,5-Trimethylbenzene

Concen: 104.890 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW006807.D

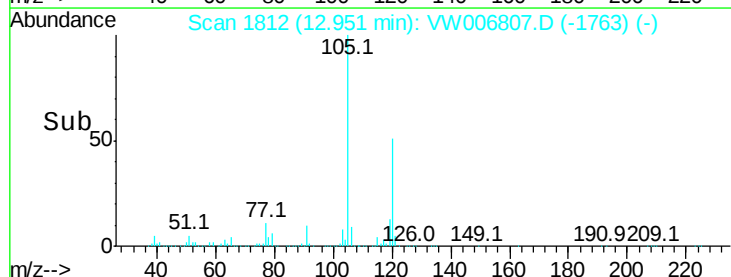
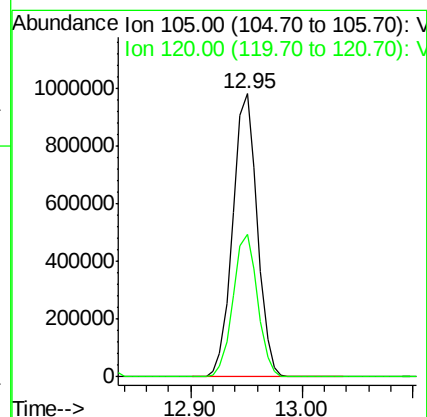
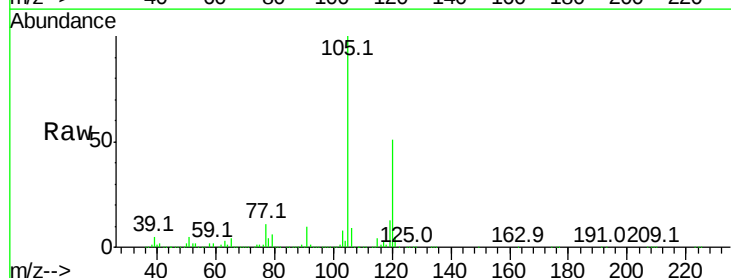
Acq: 12 Nov 2018 14:07

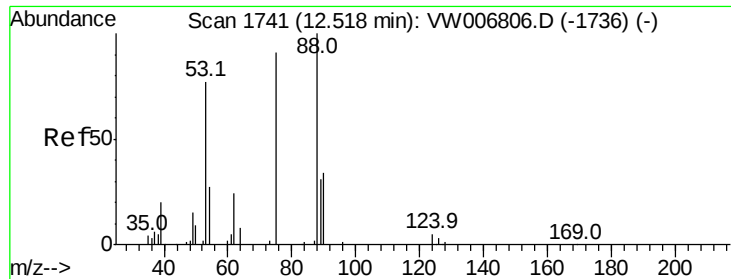
Tgt Ion: 105 Resp: 1493227

Ion Ratio Lower Upper

105 100

120 50.4 25.3 75.9





#81

trans-1,4-Dichloro-2-butene

Concen: 115.542 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW006807.D

Acq: 12 Nov 2018 14:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

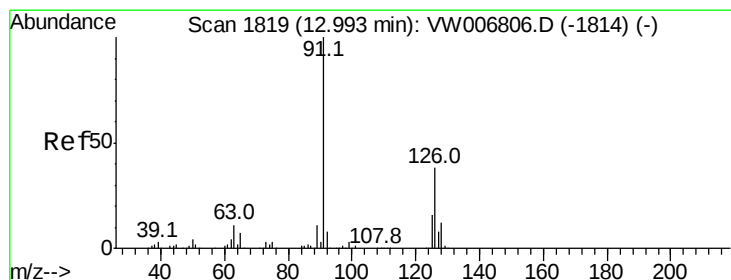
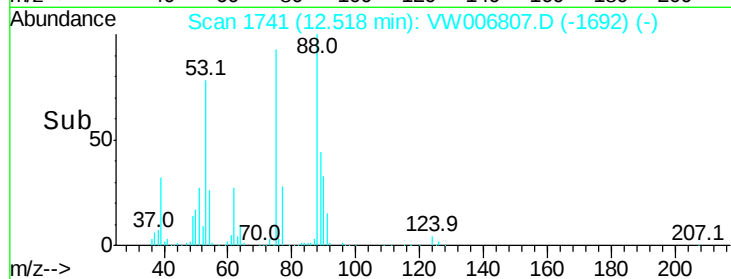
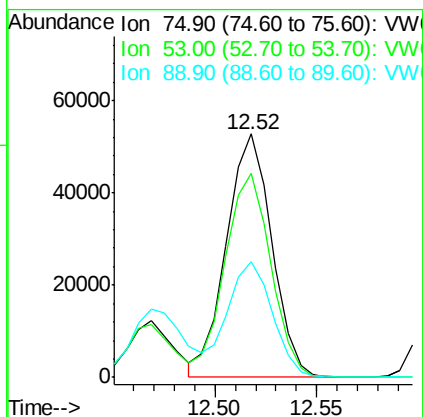
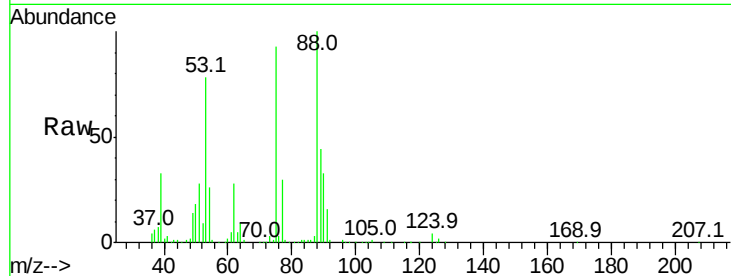
Tgt Ion: 75 Resp: 80928

Ion Ratio Lower Upper

75 100

53 85.1 72.9 109.3

89 47.5 38.7 58.1



#82

4-Chlorotoluene

Concen: 102.855 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW006807.D

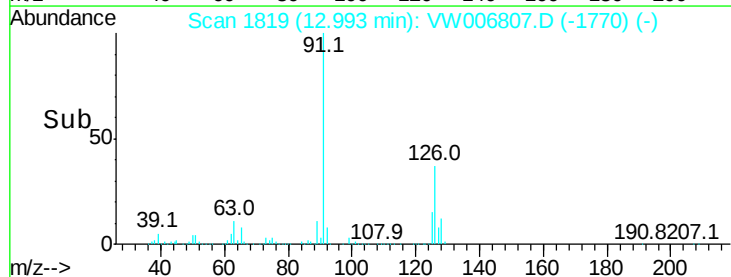
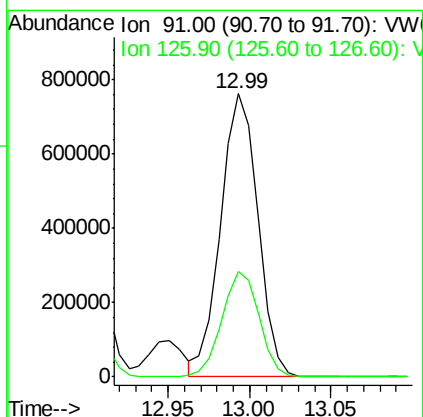
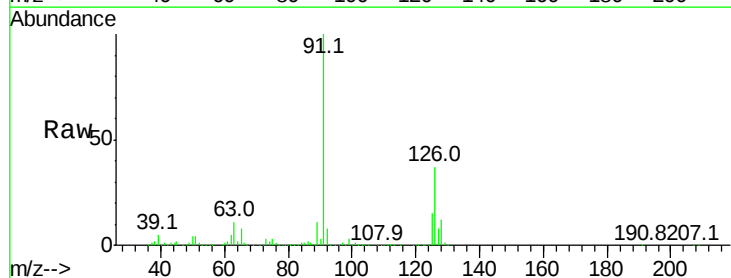
Acq: 12 Nov 2018 14:07

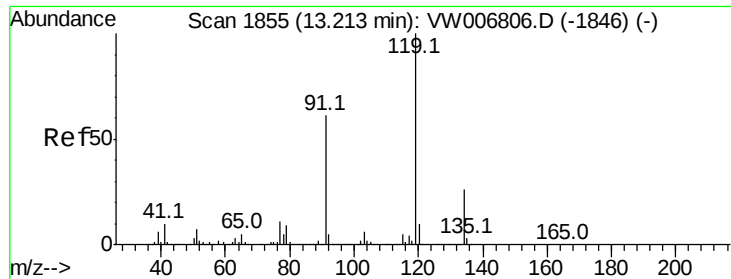
Tgt Ion: 91 Resp: 1208987

Ion Ratio Lower Upper

91 100

126 37.2 18.4 55.2





#83

tert-Butylbenzene

Concen: 107.568 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW006807.D

Acq: 12 Nov 2018 14:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

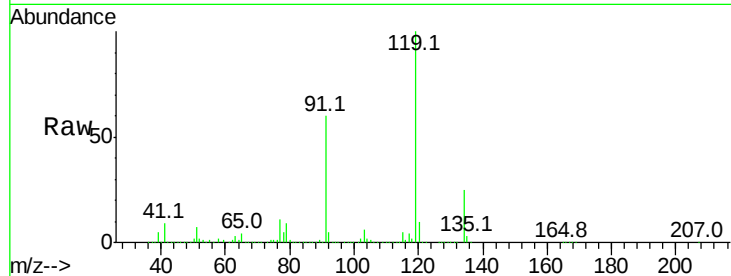
Tgt Ion:119 Resp: 1323210

Ion Ratio Lower Upper

119 100

91 60.3 30.0 90.1

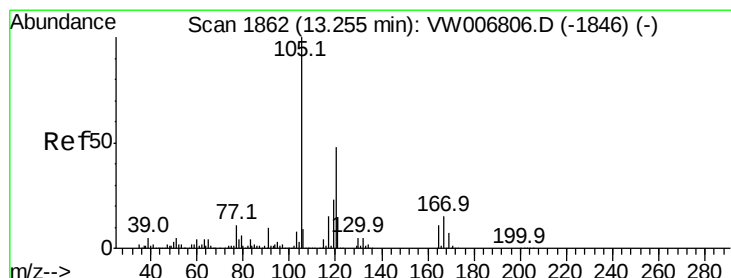
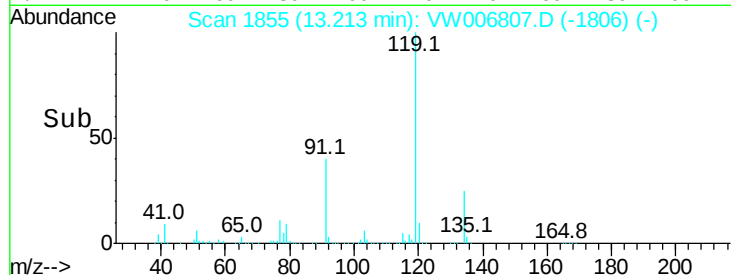
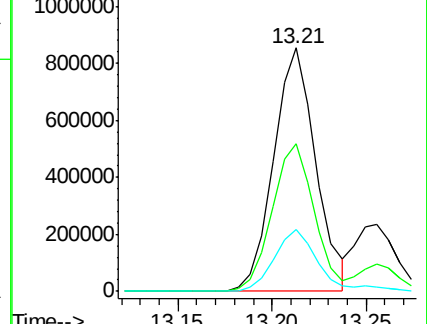
134 26.8 13.4 40.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VW

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 104.447 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. -0.00 min

Lab File: VW006807.D

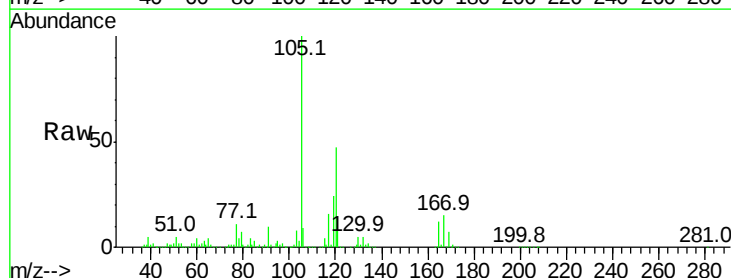
Acq: 12 Nov 2018 14:07

Tgt Ion:105 Resp: 1523436

Ion Ratio Lower Upper

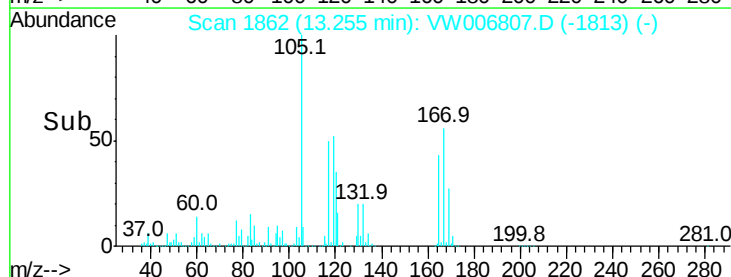
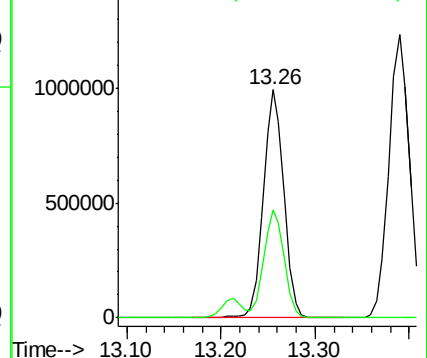
105 100

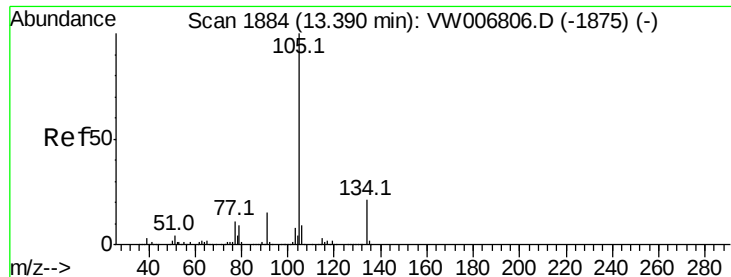
120 46.6 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

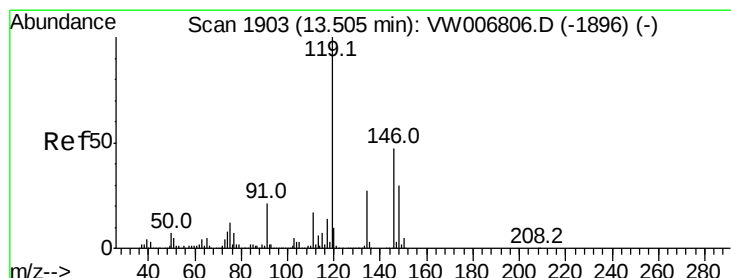
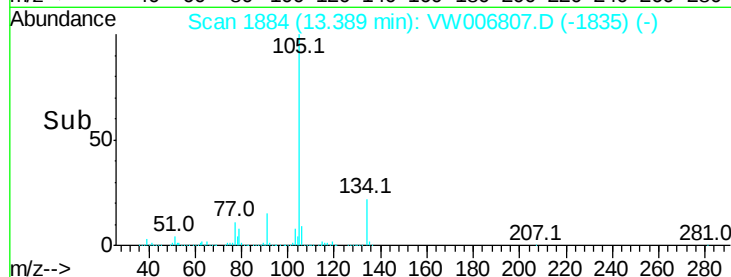
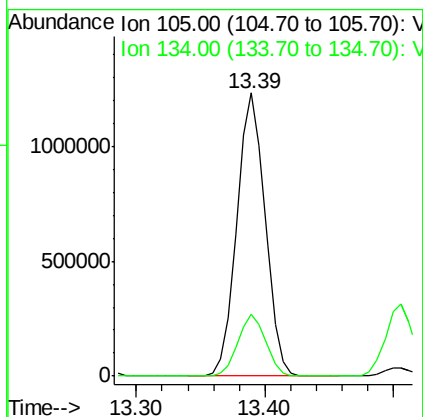
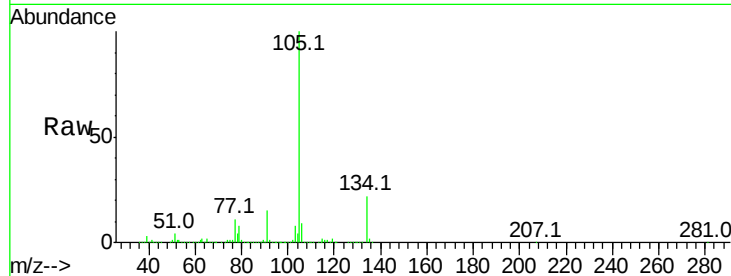




#85
 sec-Butylbenzene
 Concen: 106.205 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW006807.D
 Acq: 12 Nov 2018 14:07

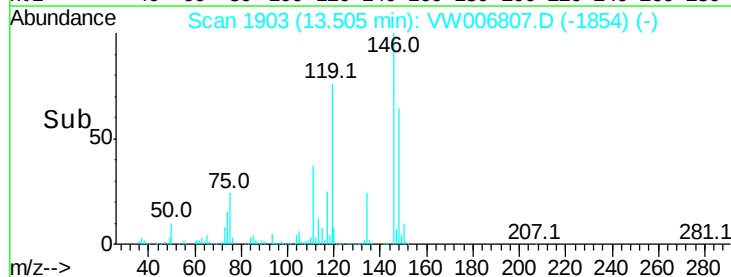
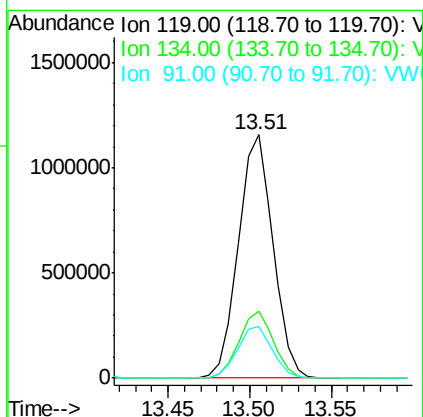
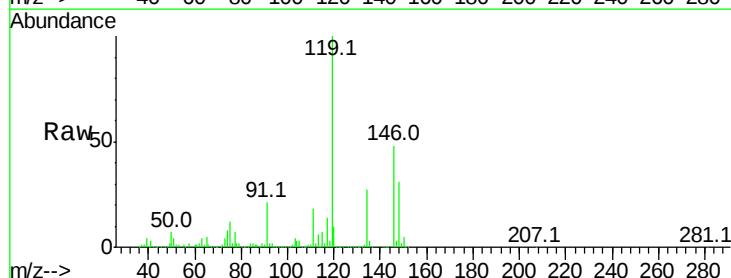
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC100

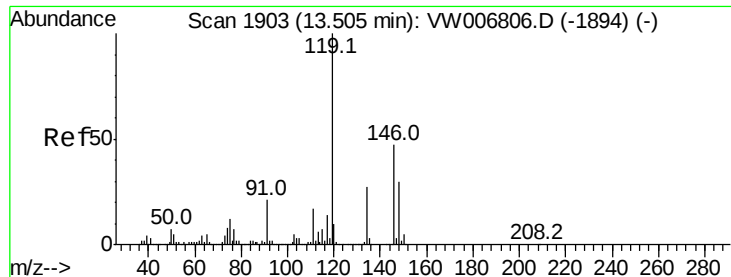
Tgt Ion:105 Resp: 1869810
 Ion Ratio Lower Upper
 105 100
 134 21.5 10.7 31.9



#86
 p-Isopropyltoluene
 Concen: 106.421 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006807.D
 Acq: 12 Nov 2018 14:07

Tgt Ion:119 Resp: 1709005
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.5 40.4
 91 21.4 10.8 32.4





#87

1,3-Dichlorobenzene

Concen: 101.058 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW006807.D

Acq: 12 Nov 2018 14:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

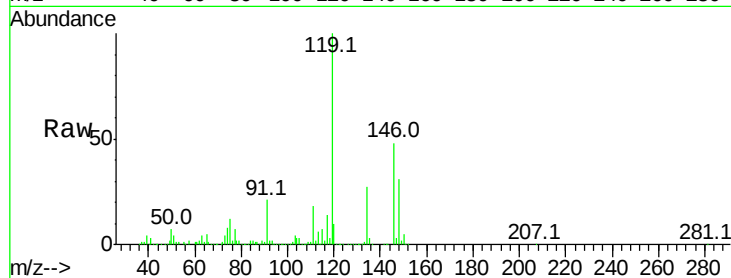
Tgt Ion:146 Resp: 872255

Ion Ratio Lower Upper

146 100

111 37.1 18.3 54.9

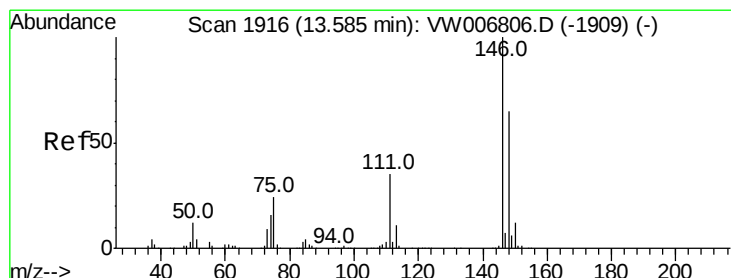
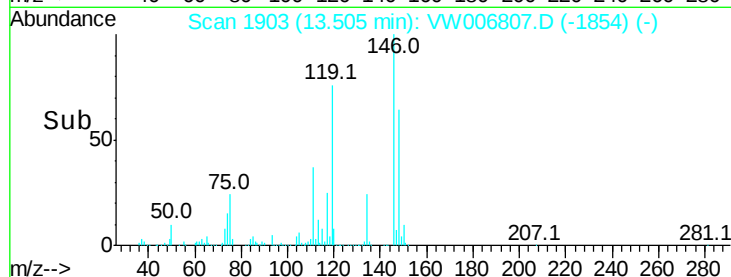
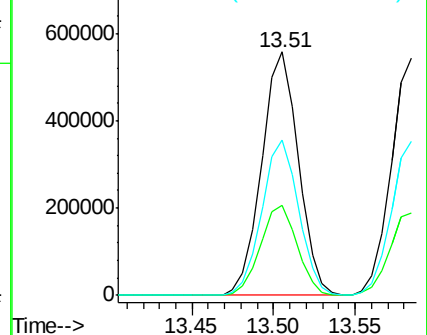
148 63.9 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 99.680 ug/l

RT: 13.58 min Scan# 1916

Delta R.T. -0.00 min

Lab File: VW006807.D

Acq: 12 Nov 2018 14:07

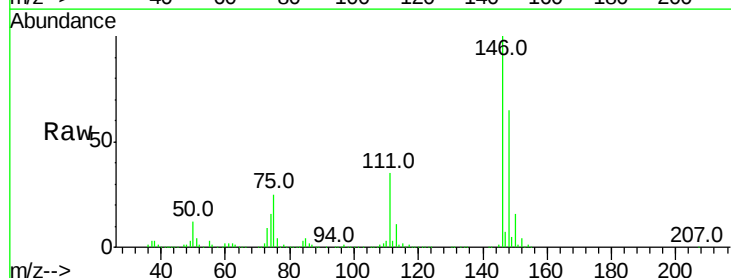
Tgt Ion:146 Resp: 856897

Ion Ratio Lower Upper

146 100

111 35.5 17.8 53.3

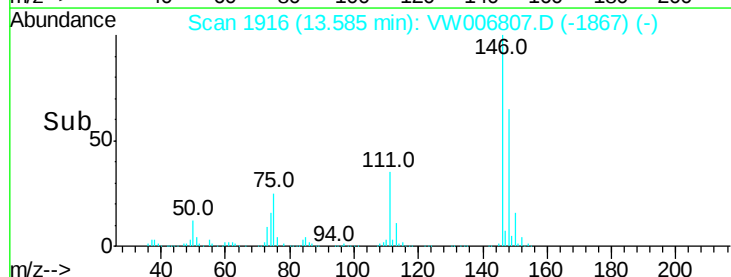
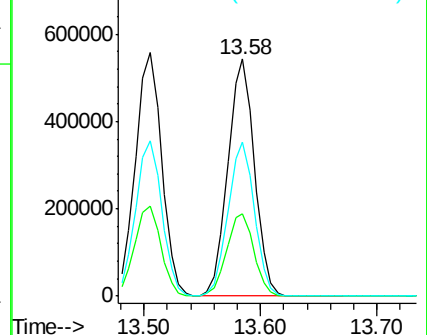
148 64.6 32.0 96.0

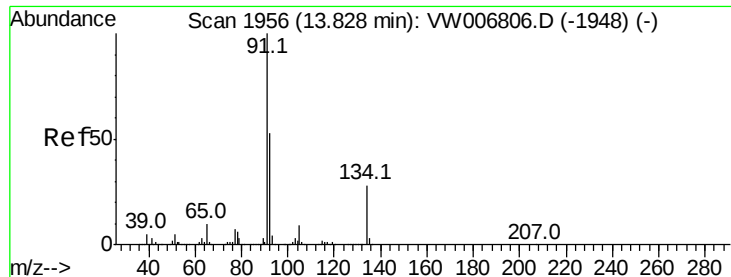


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 104.769 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW006807.D

Acq: 12 Nov 2018 14:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC100

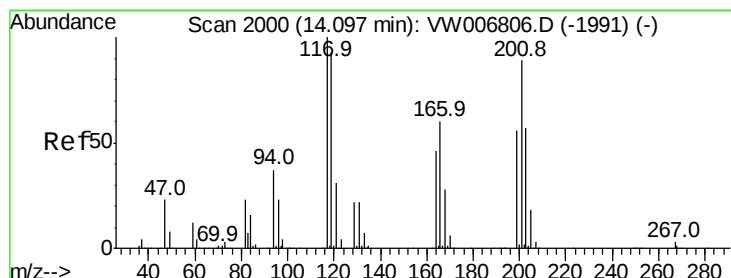
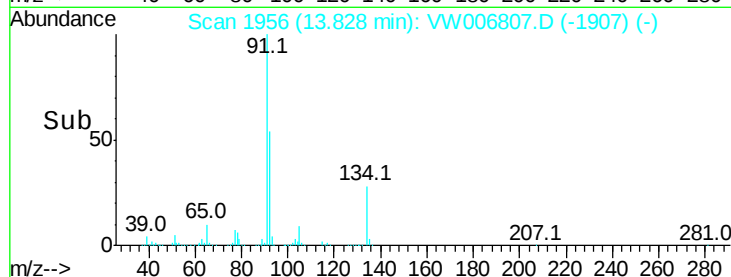
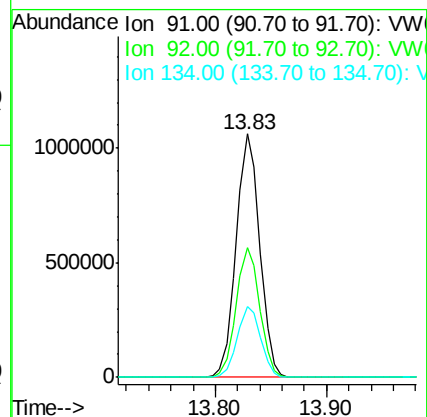
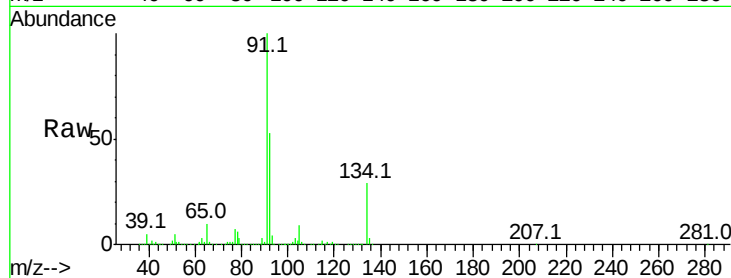
Tgt Ion: 91 Resp: 1552852

Ion Ratio Lower Upper

91 100

92 53.2 26.5 79.4

134 29.0 14.4 43.2



#90

Hexachloroethane

Concen: 110.718 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW006807.D

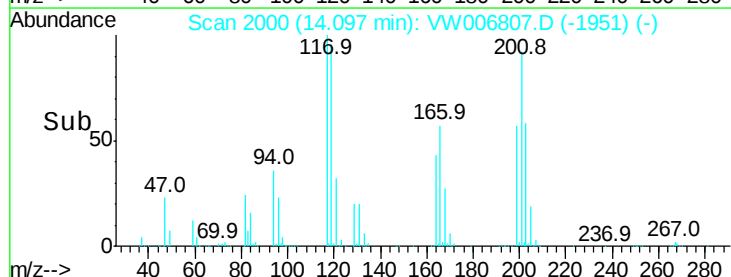
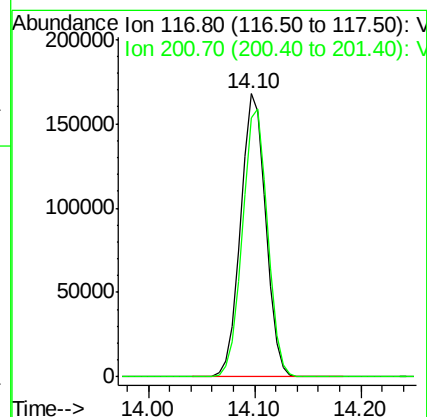
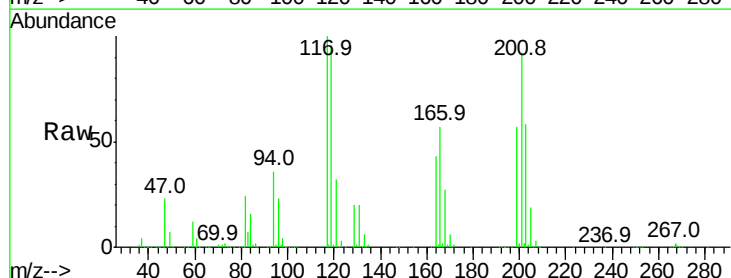
Acq: 12 Nov 2018 14:07

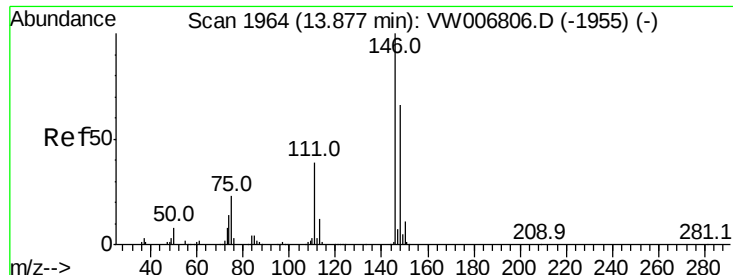
Tgt Ion: 117 Resp: 278939

Ion Ratio Lower Upper

117 100

201 94.7 46.9 140.6

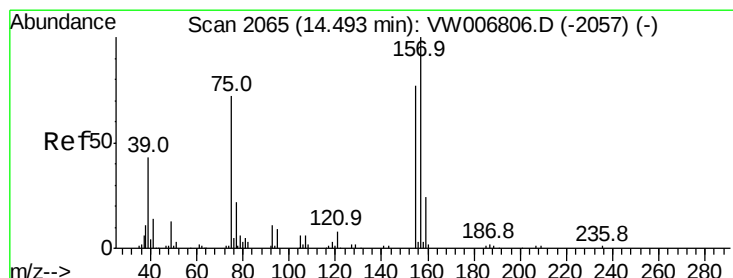
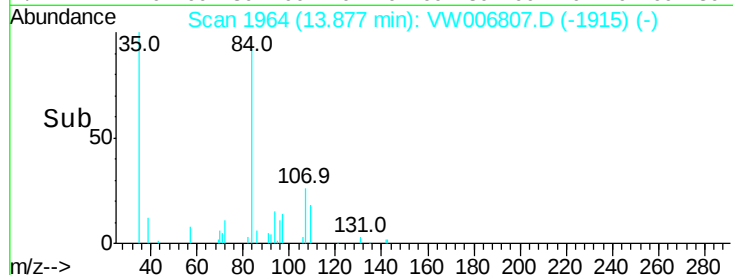
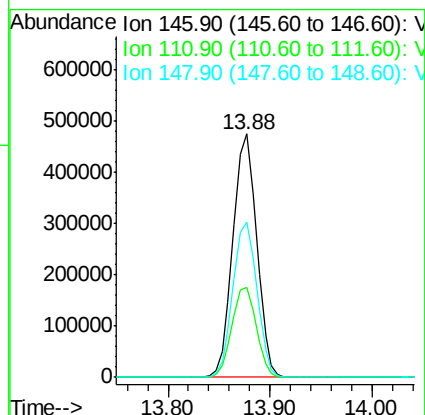
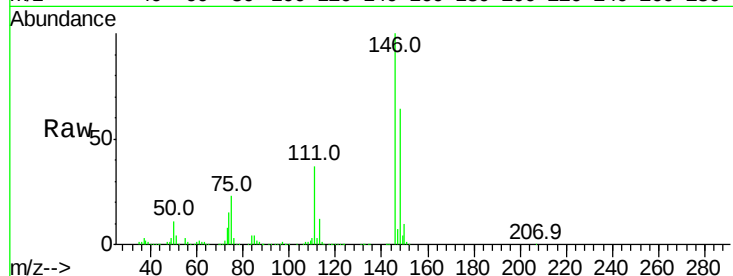




#91
 1,2-Dichlorobenzene
 Concen: 101.191 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW006807.D
 Acq: 12 Nov 2018 14:07

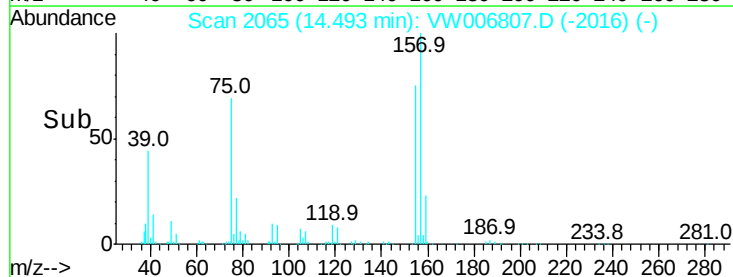
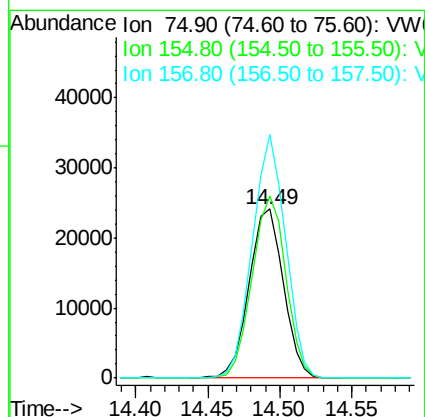
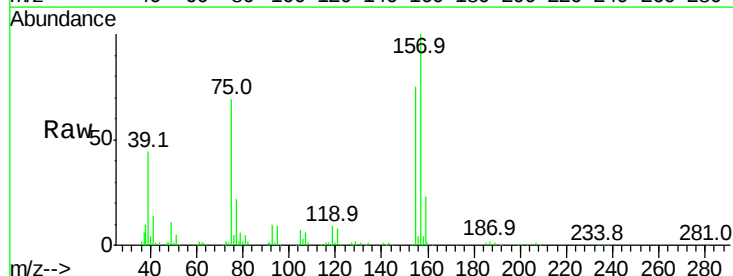
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

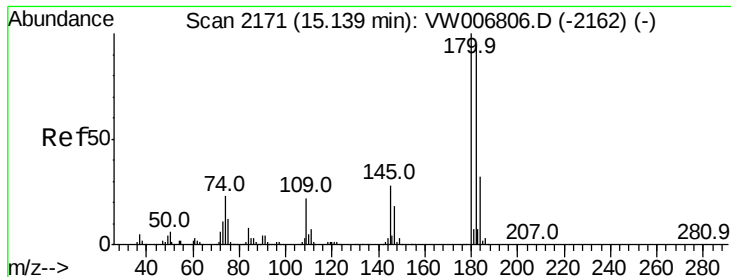
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.3	57.8
148	64.6	32.4	97.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 100.591 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW006807.D
 Acq: 12 Nov 2018 14:07

Tgt Ion	Ratio	Lower	Upper
75	100		
155	105.7	51.0	153.1
157	138.6	67.4	202.2

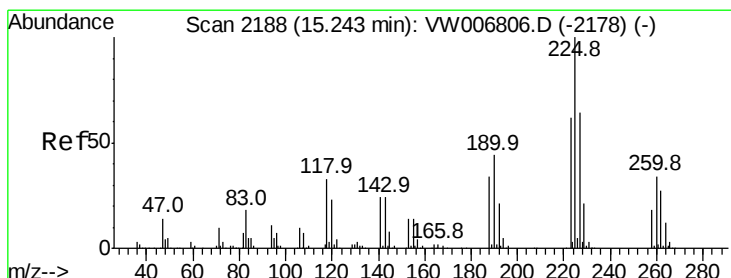
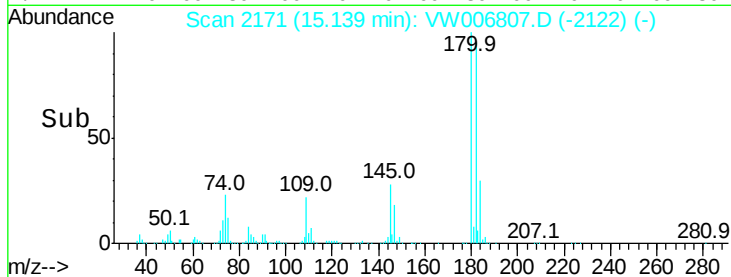
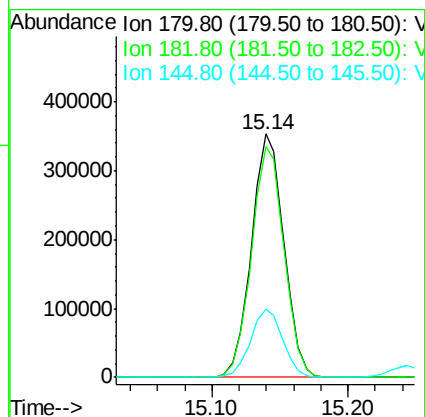
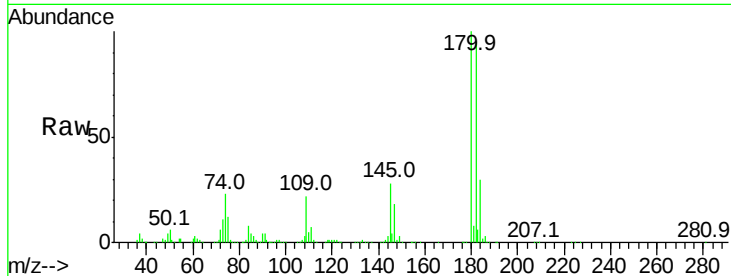




#93
 1,2,4-Trichlorobenzene
 Concen: 105.400 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW006807.D
 Acq: 12 Nov 2018 14:07

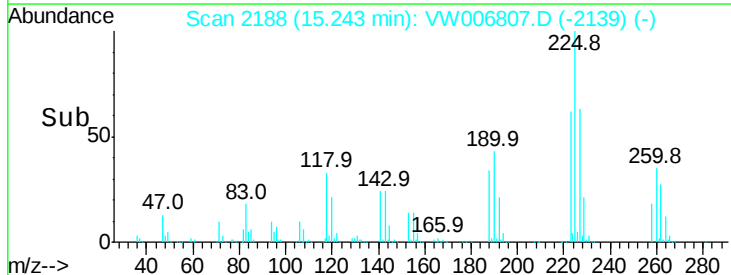
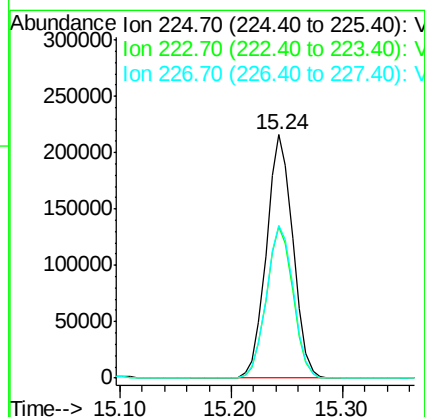
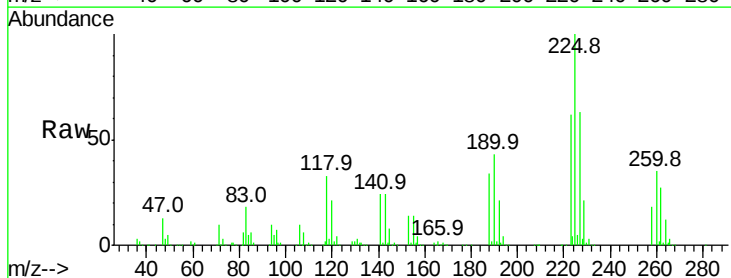
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

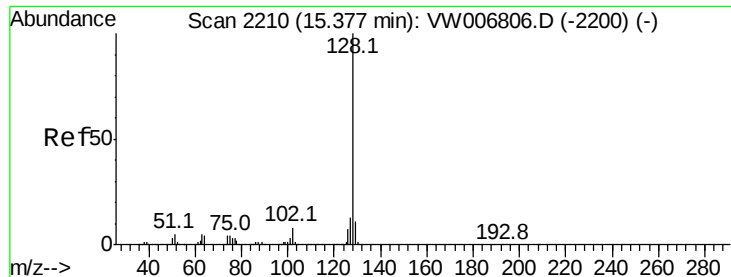
Tgt Ion:180 Resp: 589146
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.5 142.5
 145 28.1 14.0 41.9



#94
 Hexachlorobutadiene
 Concen: 101.609 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW006807.D
 Acq: 12 Nov 2018 14:07

Tgt Ion:225 Resp: 357438
 Ion Ratio Lower Upper
 225 100
 223 62.5 31.2 93.6
 227 64.3 32.3 96.9

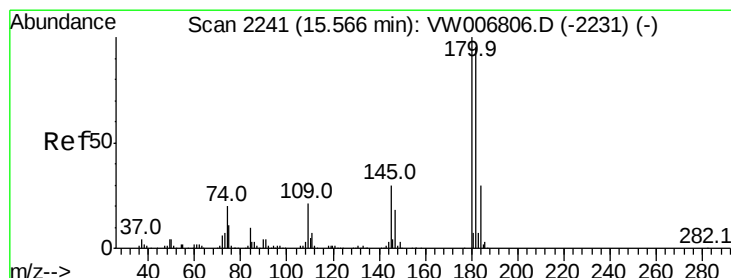
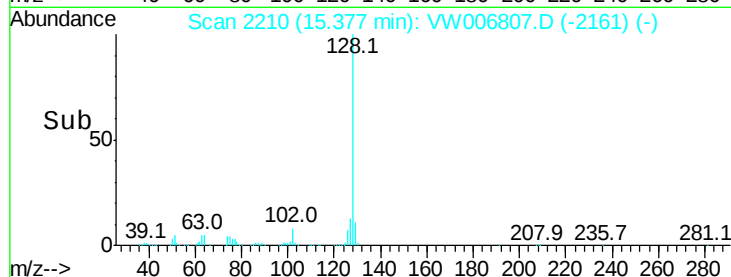
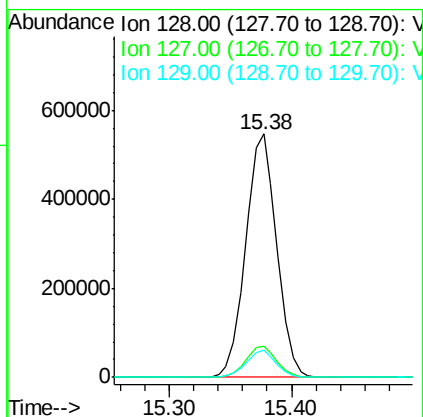
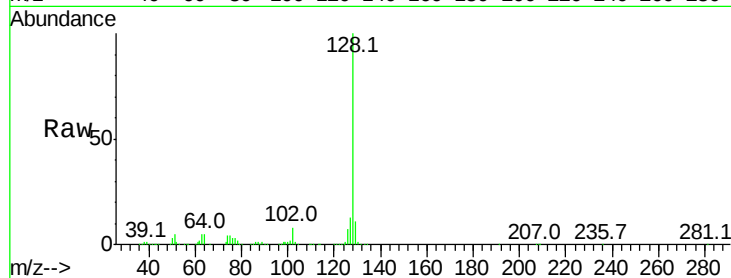




#95
Naphthalene
Concen: 112.018 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW006807.D
Acq: 12 Nov 2018 14:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.9	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 104.571 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW006807.D
Acq: 12 Nov 2018 14:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.9	143.6
145	29.8	15.2	45.5

