

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101020\
 Data File : VW016867.D
 Acq On : 09 Oct 2020 18:31
 Operator : SY/VA
 Sample : VW1010SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1010SBSD01

Quant Time: Oct 10 05:17:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101020S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 10 05:14:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	372418	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	553462	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	491270	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	252940	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	166463	54.95	ug/l	0.00
Spiked Amount			Recovery	=	109.90%	
35) Dibromofluoromethane	7.89	113	175301	51.68	ug/l	0.00
Spiked Amount			Recovery	=	103.36%	
50) Toluene-d8	10.33	98	655808	51.56	ug/l	0.00
Spiked Amount			Recovery	=	103.12%	
62) 4-Bromofluorobenzene	12.62	95	233425	53.22	ug/l	0.00
Spiked Amount			Recovery	=	106.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	46047	23.138	ug/l	99
3) Chloromethane	2.21	50	46693	20.965	ug/l	98
4) Vinyl Chloride	2.37	62	69234	21.496	ug/l	97
5) Bromomethane	2.78	94	52219	21.111	ug/l	95
6) Chloroethane	2.93	64	43288	21.120	ug/l	96
7) Trichlorofluoromethane	3.26	101	47286	20.166	ug/l	97
8) Diethyl Ether	3.68	74	31127	21.253	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	65250	20.666	ug/l	98
10) Methyl Iodide	4.28	142	108836	21.562	ug/l	100
11) Tert butyl alcohol	5.18	59	19686	132.975	ug/l #	91
12) 1,1-Dichloroethene	4.05	96	65494	21.015	ug/l	97
13) Acrolein	3.90	56	21496	107.404	ug/l	93
14) Allyl chloride	4.68	41	78648	21.082	ug/l	99
15) Acrylonitrile	5.37	53	55832	114.525	ug/l	97
16) Acetone	4.13	43	52314	106.628	ug/l	98
17) Carbon Disulfide	4.39	76	174260	21.016	ug/l	96
18) Methyl Acetate	4.68	43	27315	24.274	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	77240	22.995	ug/l	98
20) Methylene Chloride	4.92	84	77693	20.887	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	74120	21.185	ug/l	94
22) Diisopropyl ether	6.32	45	146209	21.564	ug/l	98
23) Vinyl Acetate	6.26	43	477173	109.833	ug/l	100
24) 1,1-Dichloroethane	6.22	63	112888	20.997	ug/l	99
25) 2-Butanone	7.17	43	76076	116.311	ug/l	99
26) 2,2-Dichloropropane	7.17	77	69118	21.013	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	79656	21.257	ug/l	99
28) Bromochloromethane	7.52	49	43316	20.131	ug/l	100
29) Tetrahydrofuran	7.54	42	44675	121.941	ug/l	98
30) Chloroform	7.68	83	124573	21.314	ug/l	99
31) Cyclohexane	7.96	56	95788	20.888	ug/l	93
32) 1,1,1-Trichloroethane	7.88	97	104123	21.120	ug/l	99
36) 1,1-Dichloropropene	8.09	75	98378	20.563	ug/l	99
37) Ethyl Acetate	7.26	43	36007	23.034	ug/l	98
38) Carbon Tetrachloride	8.07	117	101108	20.324	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	111048	20.352	ug/l	97
40) Benzene	8.33	78	271995	20.402	ug/l	99
41) Methacrylonitrile	7.48	41	19606	21.165	ug/l	98
42) 1,2-Dichloroethane	8.40	62	77281	21.192	ug/l	99
43) Isopropyl Acetate	8.43	43	64490	21.535	ug/l	100
44) Trichloroethene	9.10	130	84795	20.550	ug/l	98
45) 1,2-Dichloropropane	9.37	63	61924	20.369	ug/l	100
46) Dibromomethane	9.46	93	36391	20.928	ug/l	98
47) Bromodichloromethane	9.65	83	88601	20.492	ug/l	91
48) Methyl methacrylate	9.44	41	30510	22.109	ug/l	96
49) 1,4-Dioxane	9.46	88	9114	455.660	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	168317	111.101	ug/l	100
52) Toluene	10.39	92	182395	20.697	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	80254	20.389	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	98623	20.513	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	52404	21.172	ug/l	98
56) Ethyl methacrylate	10.65	69	58725	21.810	ug/l	98
57) 1,3-Dichloropropane	10.93	76	86632	21.155	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	156495	104.882	ug/l	100
59) 2-Hexanone	10.97	43	111517	111.253	ug/l	98
60) Dibromochloromethane	11.13	129	61609	20.294	ug/l	99
61) 1,2-Dibromoethane	11.24	107	51474	20.999	ug/l	96
64) Tetrachloroethene	10.87	164	71788	20.510	ug/l	94
65) Chlorobenzene	11.66	112	197278	20.473	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	69274	20.329	ug/l	100
67) Ethyl Benzene	11.73	91	343635	20.465	ug/l	99
68) m/p-Xylenes	11.84	106	271597	41.589	ug/l	100
69) o-Xylene	12.17	106	126632	21.130	ug/l	99
70) Styrene	12.18	104	212360	21.291	ug/l	99
71) Bromoform	12.35	173	35148	20.545	ug/l #	100
73) Isopropylbenzene	12.47	105	348555	20.732	ug/l	99
74) N-amyl acetate	12.27	43	57291	21.215	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	57361	21.745	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	69969	37.073	ug/l	27
77) Bromobenzene	12.75	156	85320	20.530	ug/l	98
78) n-propylbenzene	12.80	91	400482	20.656	ug/l	100
79) 2-Chlorotoluene	12.90	91	229377	20.739	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	290143	20.593	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	14577	20.760	ug/l	95
82) 4-Chlorotoluene	12.99	91	238022	20.847	ug/l	99
83) tert-Butylbenzene	13.21	119	255687	20.895	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	291089	20.734	ug/l	98
85) sec-Butylbenzene	13.38	105	352054	20.669	ug/l	100
86) p-Isopropyltoluene	13.50	119	323908	20.422	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	162758	20.252	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	164510	20.773	ug/l	99
89) n-Butylbenzene	13.82	91	289322	20.248	ug/l	99
90) Hexachloroethane	14.10	117	48822	19.949	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	143019	20.626	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8783	21.742	ug/l	99

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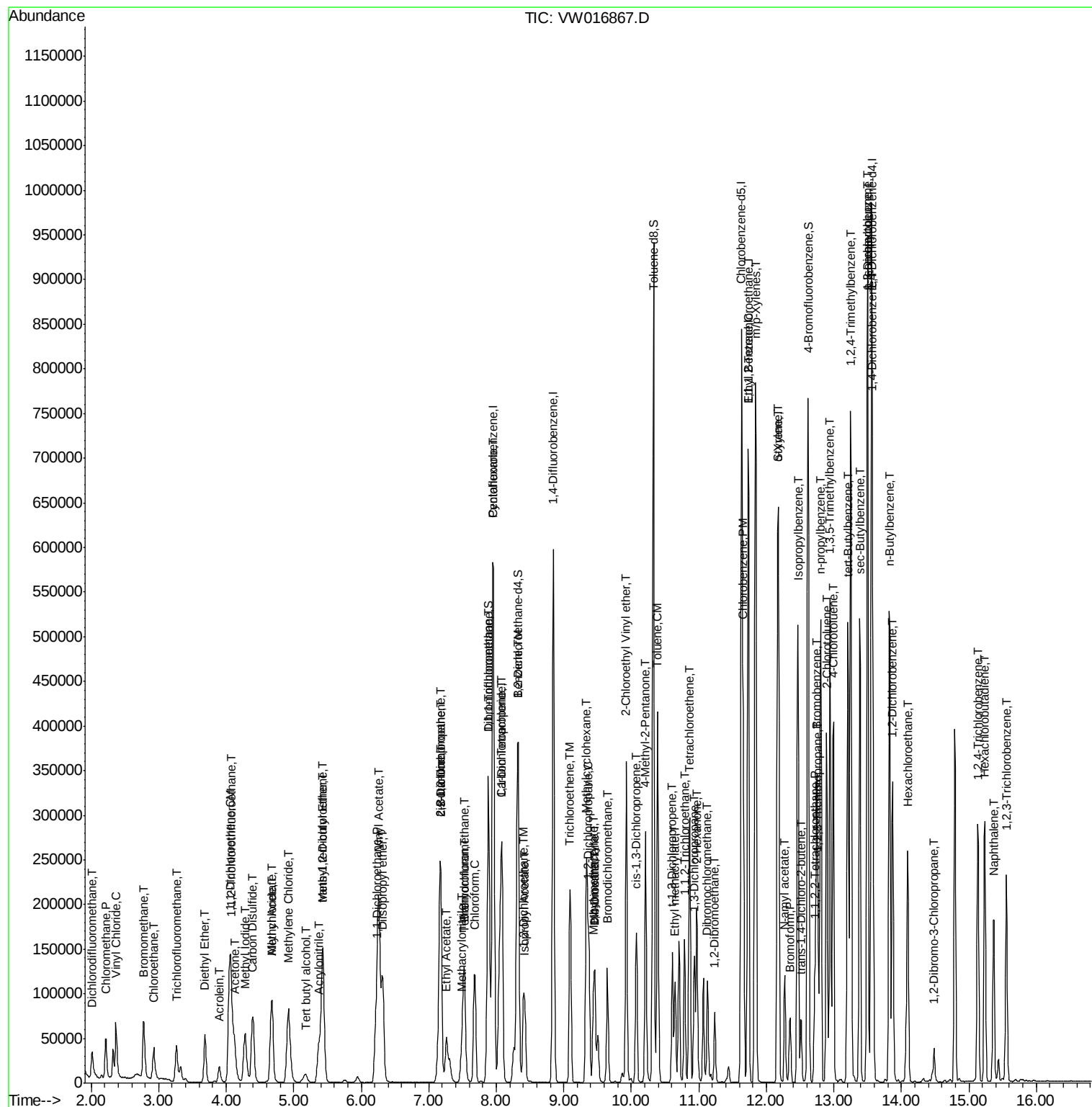
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	101367	21.187	ug/l	97
94) Hexachlorobutadiene	15.24	225	62436	20.131	ug/l	98
95) Naphthalene	15.37	128	172028	22.124	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	85356	20.508	ug/l	99

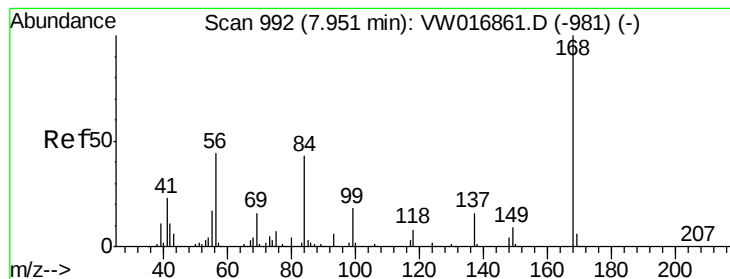
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW101020\
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW016867.D

Acq: 09 Oct 2020 18:31

Instrument :

MSVOA_W

ClientSampleId :

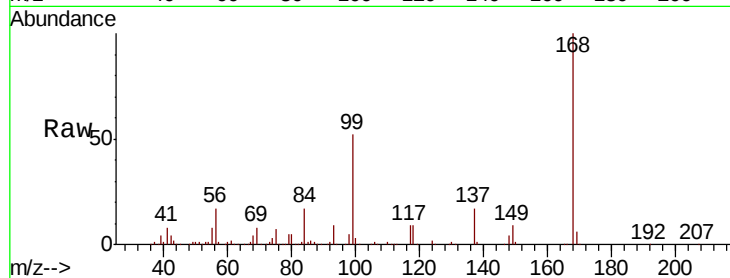
VW1010SBSD01

Tot Ion:168 Resp: 372418

Ion Ratio Lower Upper

168 100

99 52.2 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

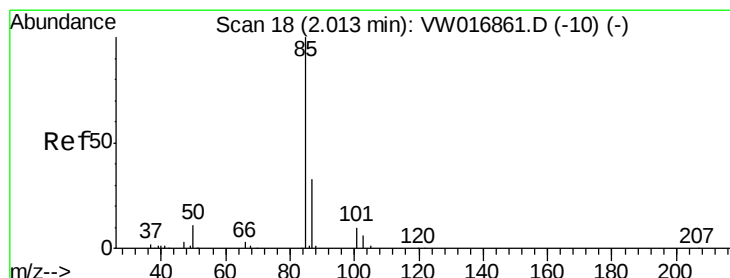
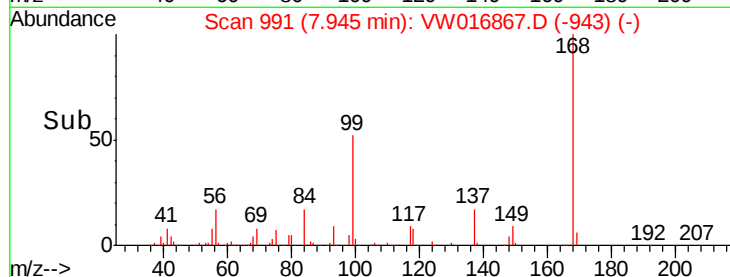
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50000

0

Time-->

7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 23.138 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW016867.D

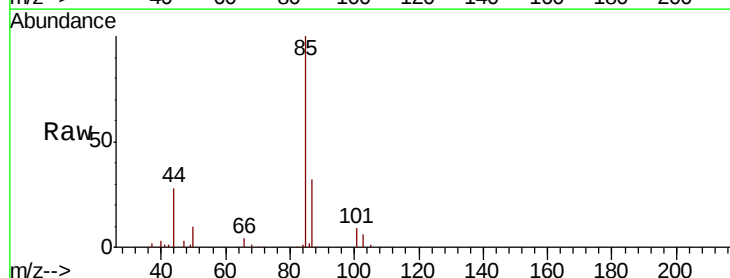
Acq: 09 Oct 2020 18:31

Tgt Ion: 85 Resp: 46047

Ion Ratio Lower Upper

85 100

87 31.9 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

20000

15000

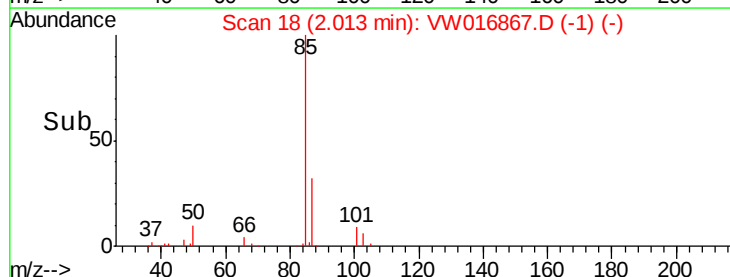
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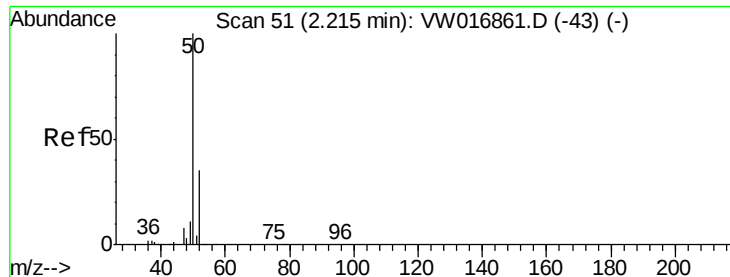
5000

0

Time-->

1.90 2.00 2.10





#3

Chloromethane

Concen: 20.965 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW016867.D

Acq: 09 Oct 2020 18:31

Instrument :

MSVOA_W

ClientSampleId :

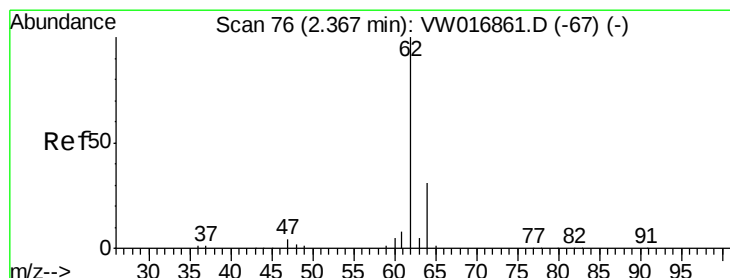
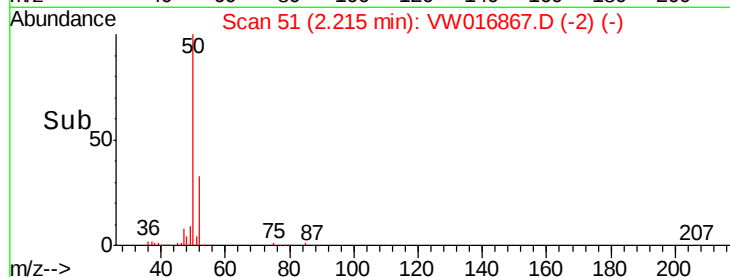
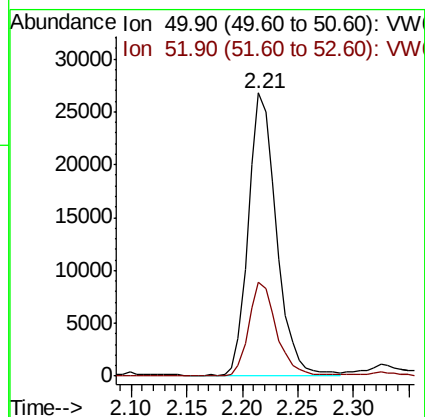
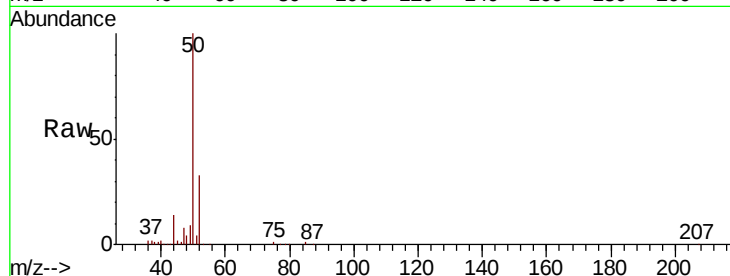
VW1010SBSD01

Tot Ion: 50 Resp: 46693

Ion Ratio Lower Upper

50 100

52 33.1 27.6 41.4



#4

Vinyl Chloride

Concen: 21.496 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW016867.D

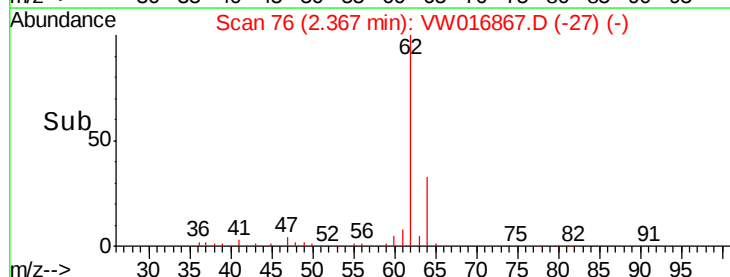
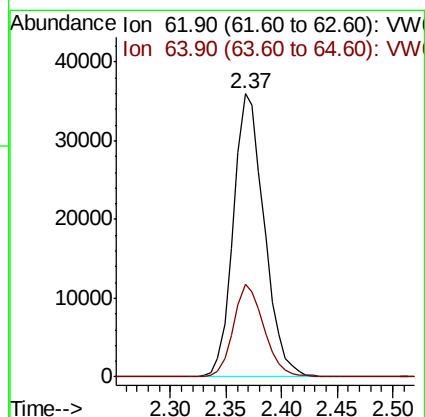
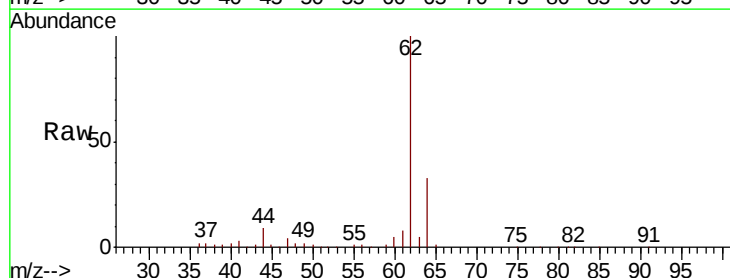
Acq: 09 Oct 2020 18:31

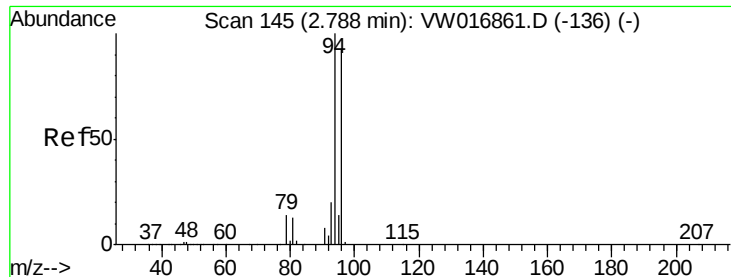
Tgt Ion: 62 Resp: 69234

Ion Ratio Lower Upper

62 100

64 32.9 25.0 37.4





#5

Bromomethane

Concen: 21.111 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW016867.D

Acq: 09 Oct 2020 18:31

Instrument :

MSVOA_W

ClientSampleId :

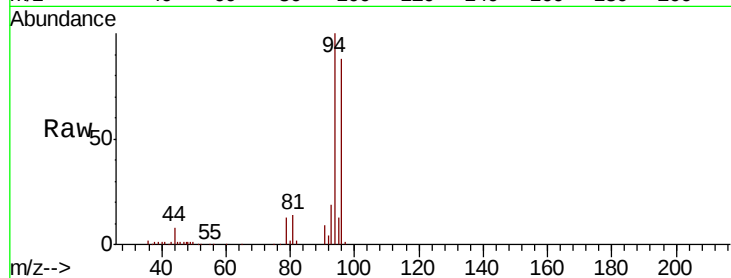
VW1010SBSD01

Tot Ion: 94 Resp: 52219

Ion Ratio Lower Upper

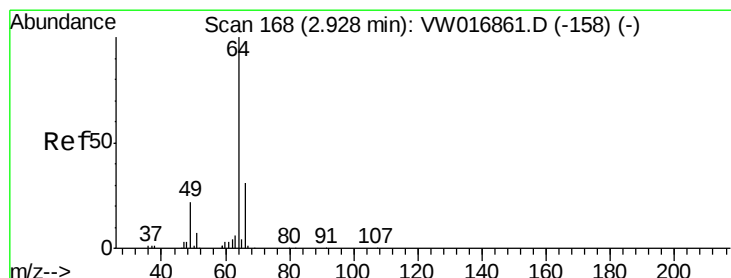
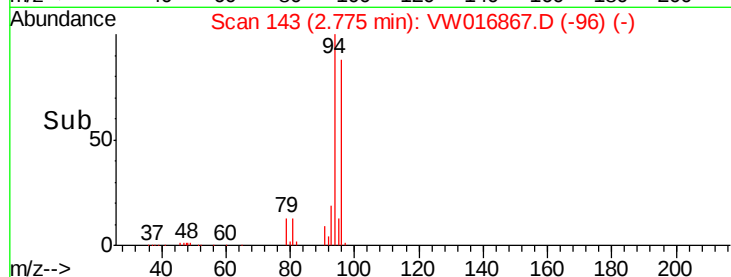
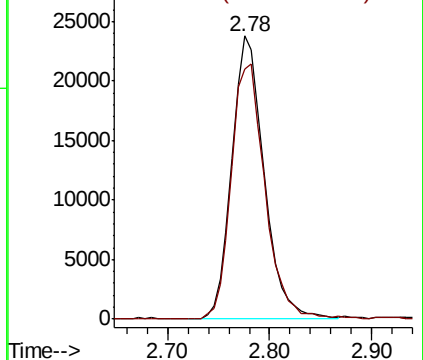
94 100

96 88.4 74.7 112.1



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 21.120 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW016867.D

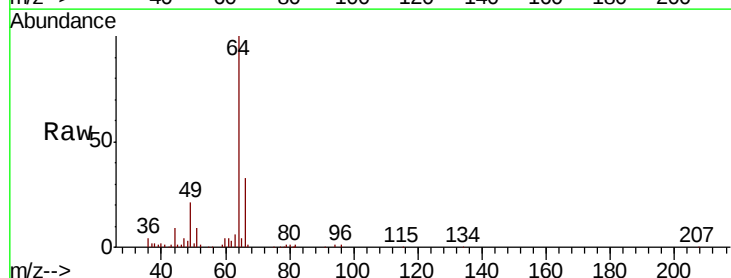
Acq: 09 Oct 2020 18:31

Tgt Ion: 64 Resp: 43288

Ion Ratio Lower Upper

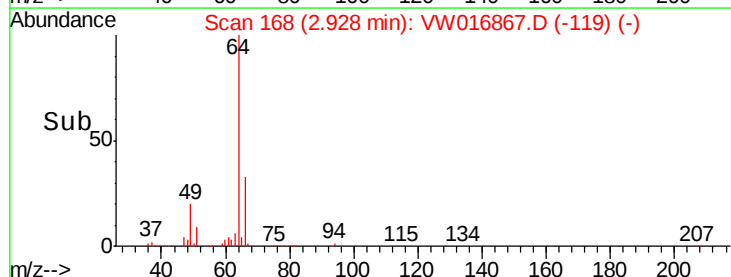
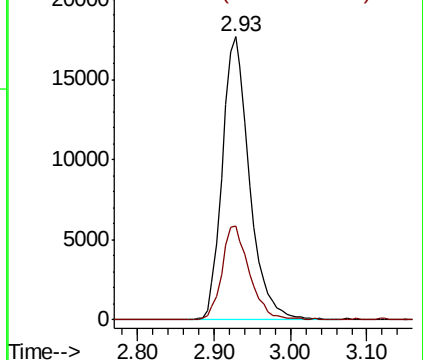
64 100

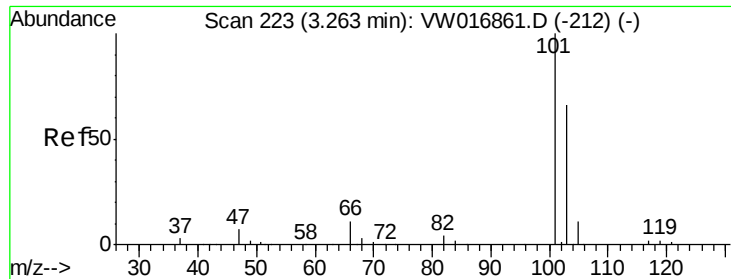
66 33.3 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



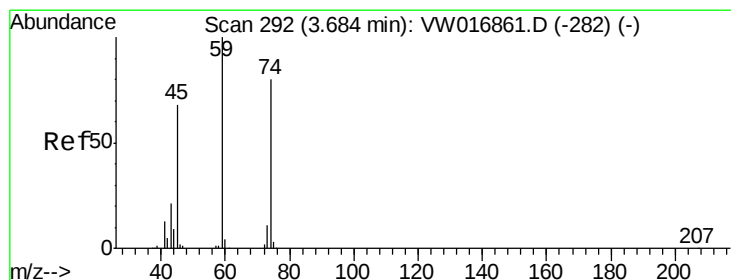
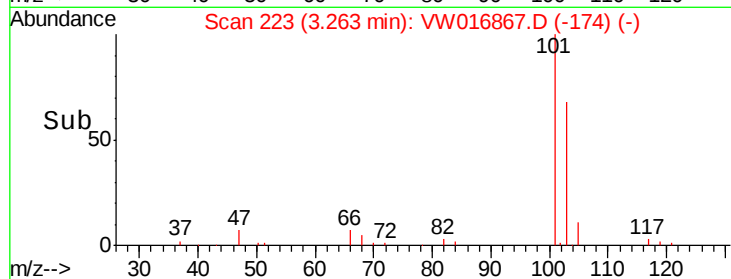
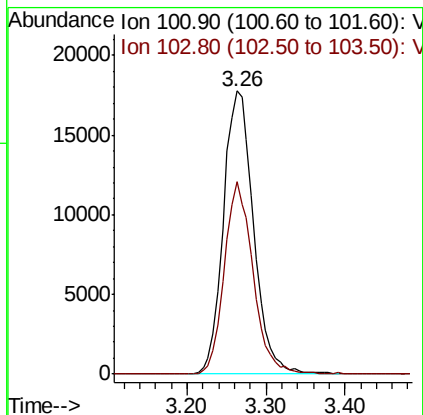
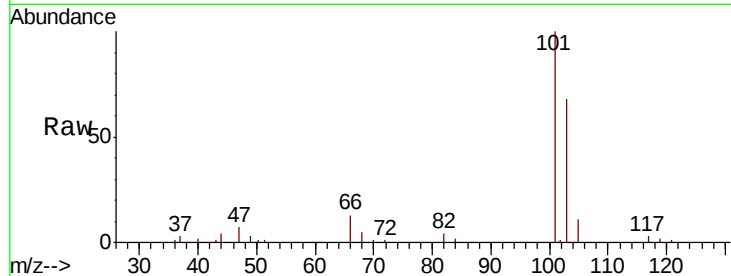


#7

Trichlorofluoromethane
 Concen: 20.166 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VW016867.D
 Acq: 09 Oct 2020 18:31

Instrument :
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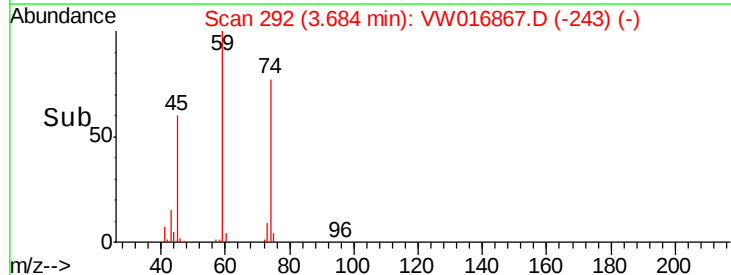
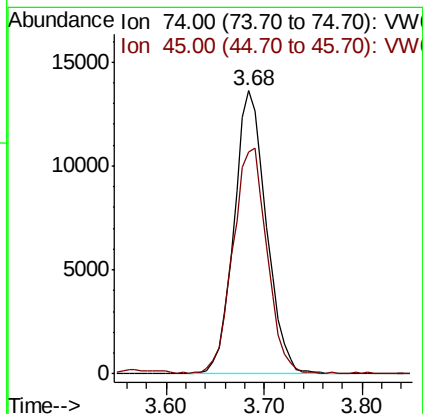
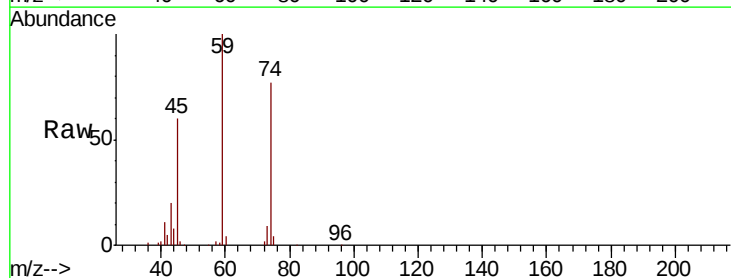
Tot Ion:101 Resp: 47286
 Ion Ratio Lower Upper
 101 100
 103 68.1 52.6 79.0

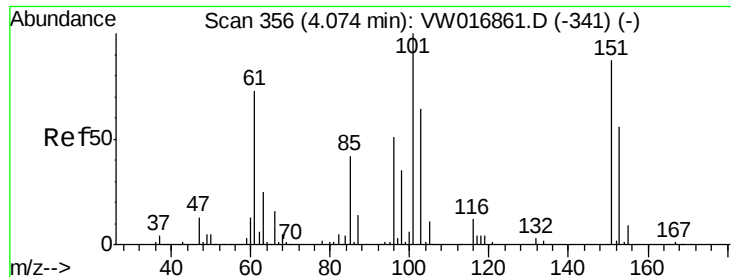


#8

Diethyl Ether
 Concen: 21.253 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. 0.00 min
 Lab File: VW016867.D
 Acq: 09 Oct 2020 18:31

Tgt Ion: 74 Resp: 31127
 Ion Ratio Lower Upper
 74 100
 45 84.4 41.1 123.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.666 ug/l

RT: 4.07 min Scan# 356

Delta R.T. 0.00 min

Lab File: VW016867.D

Acq: 09 Oct 2020 18:31

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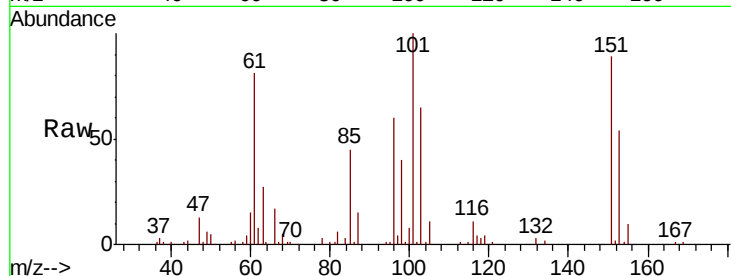
Tot Ion:101 Resp: 65250

Ion Ratio Lower Upper

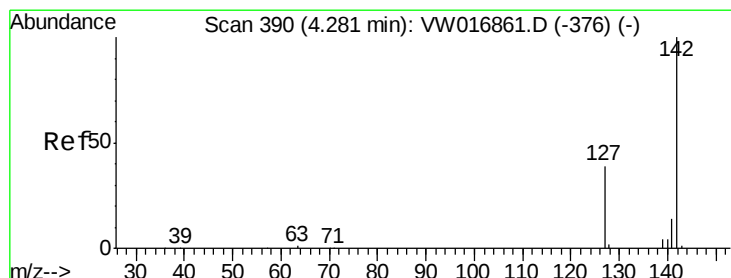
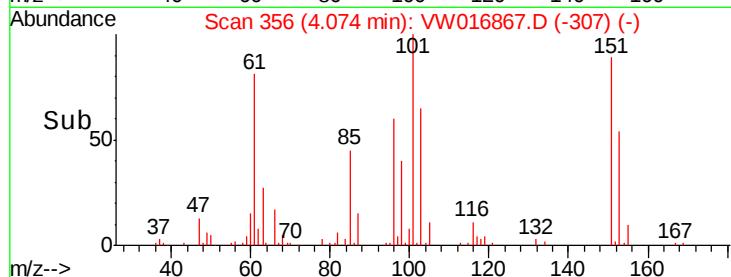
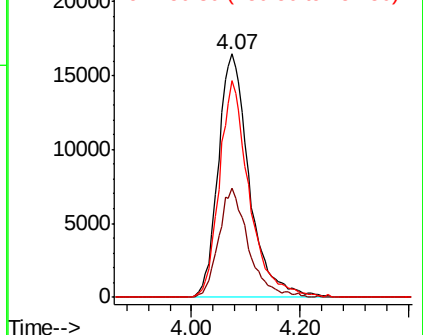
101 100

85 43.0 33.2 49.8

151 85.6 66.6 100.0



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: 21.562 ug/l

RT: 4.28 min Scan# 390

Delta R.T. 0.00 min

Lab File: VW016867.D

Acq: 09 Oct 2020 18:31

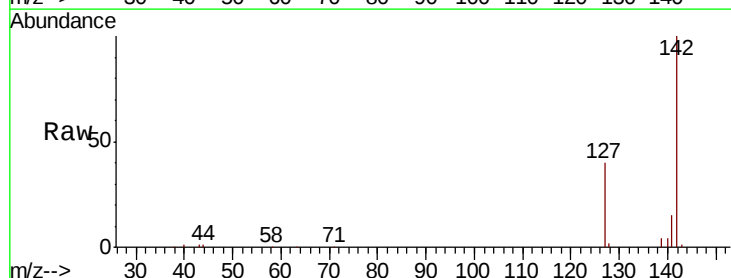
Tgt Ion:142 Resp: 108836

Ion Ratio Lower Upper

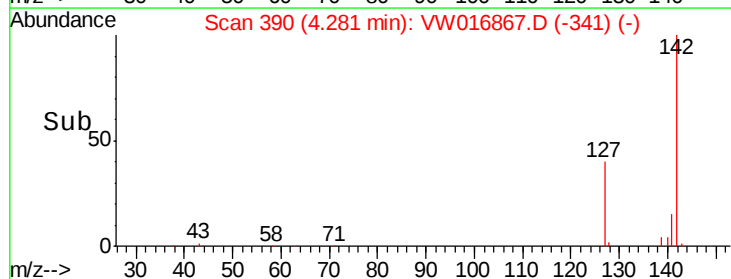
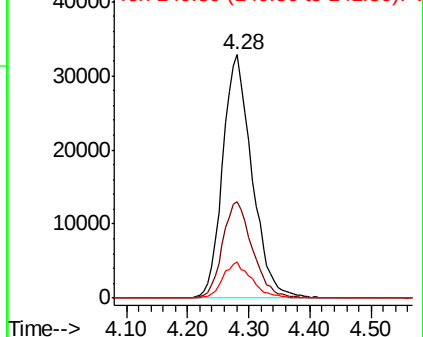
142 100

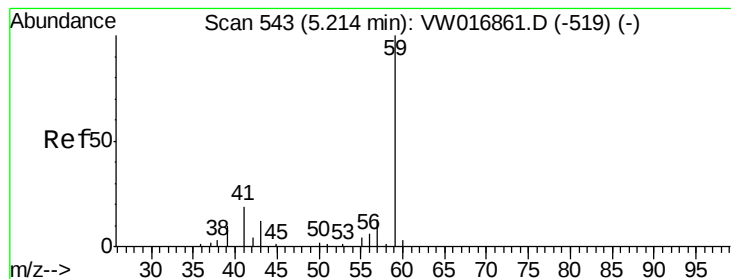
127 40.3 32.4 48.6

141 14.3 11.4 17.0



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



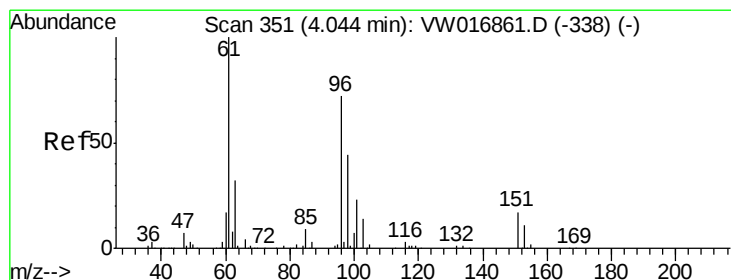
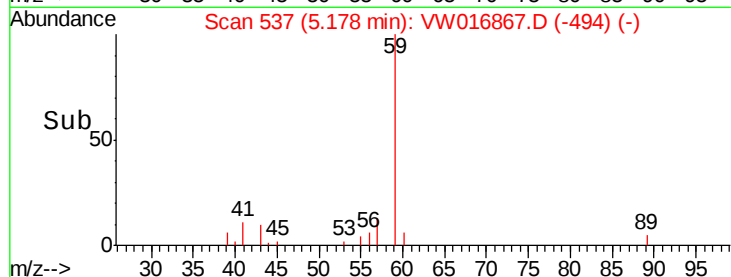
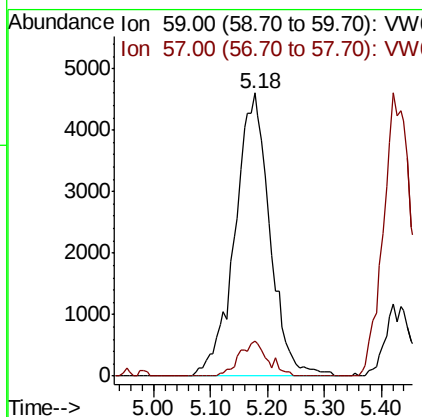
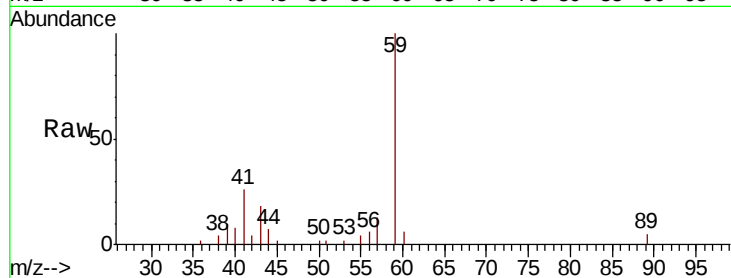


#11

Tert butyl alcohol
 Concen: 132.975 ug/l
 RT: 5.18 min Scan# 537
 Delta R.T. -0.04 min
 Lab File: VW016867.D
 Acq: 09 Oct 2020 18:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1010SBSD01

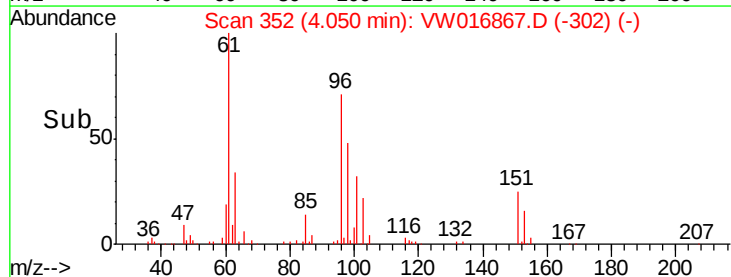
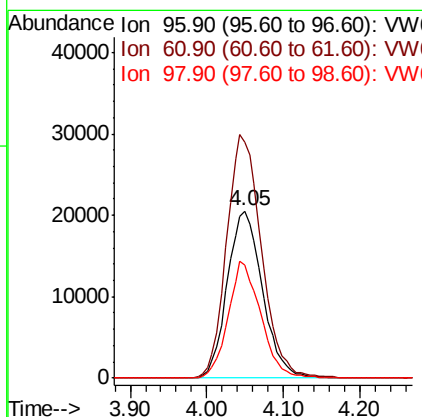
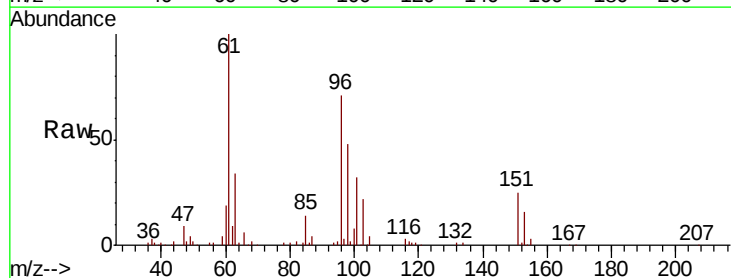
Tot Ion: 59 Resp: 19686
 Ion Ratio Lower Upper
 59 100
 57 8.9 4.7 7.1#

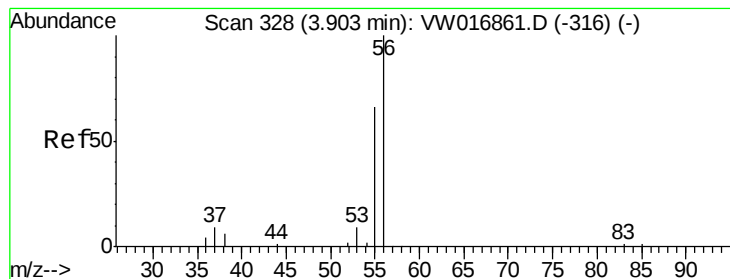


#12

1,1-Dichloroethene
 Concen: 21.015 ug/l
 RT: 4.05 min Scan# 352
 Delta R.T. 0.01 min
 Lab File: VW016867.D
 Acq: 09 Oct 2020 18:31

Tgt Ion: 96 Resp: 65494
 Ion Ratio Lower Upper
 96 100
 61 141.0 111.7 167.5
 98 67.8 49.0 73.4





#13

Acrolein

Concen: 107.404 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW016867.D

Acq: 09 Oct 2020 18:31

Instrument :

MSVOA_W

ClientSampleId :

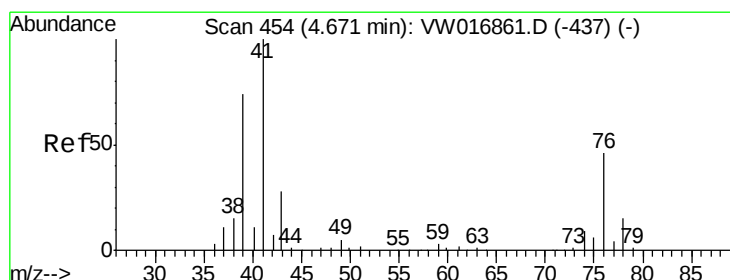
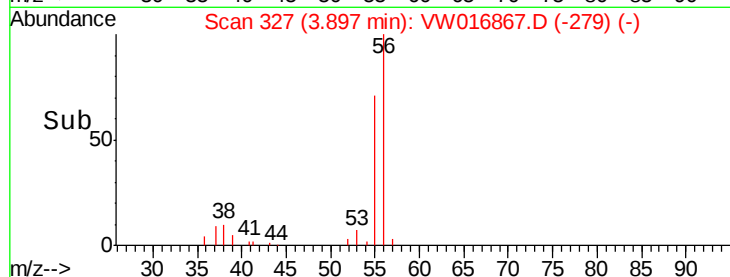
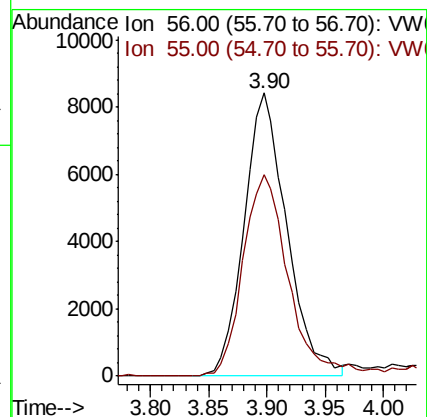
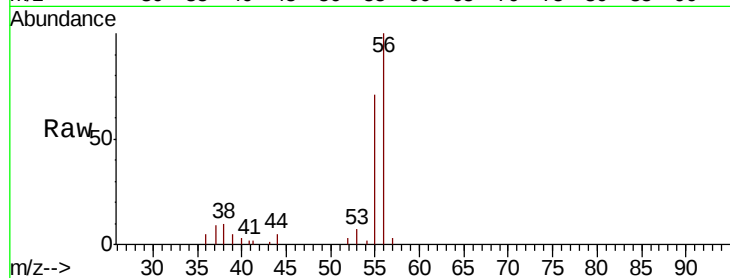
VW1010SBSD01

Tot Ion: 56 Resp: 21496

Ion Ratio Lower Upper

56 100

55 75.5 55.9 83.9



#14

Allyl chloride

Concen: 21.082 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

Lab File: VW016867.D

Acq: 09 Oct 2020 18:31

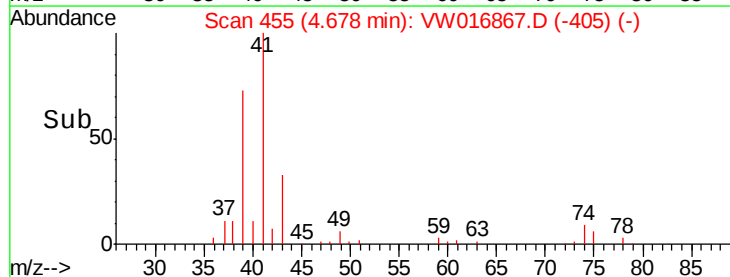
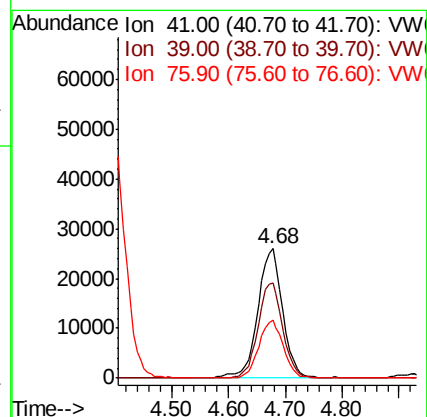
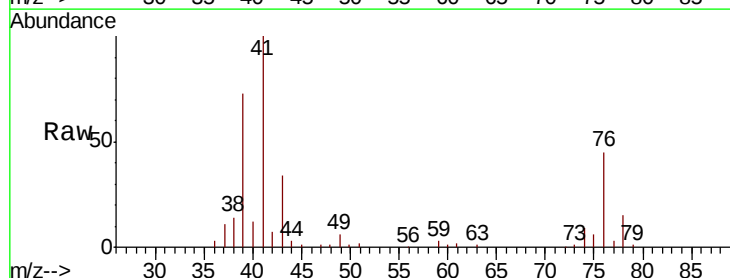
Tgt Ion: 41 Resp: 78648

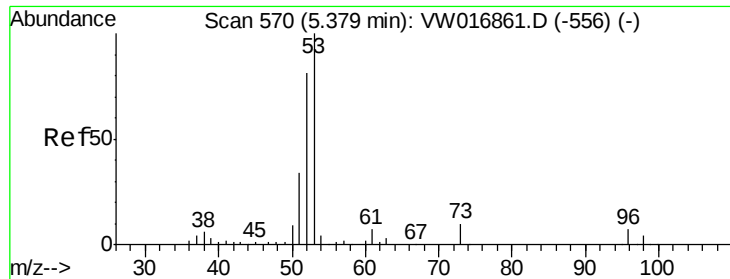
Ion Ratio Lower Upper

41 100

39 72.8 57.8 86.8

76 43.5 35.1 52.7





#15

Acrylonitrile

Concen: 114.525 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.01 min

Lab File: VW016867.D

Acq: 09 Oct 2020 18:31

Instrument :

MSVOA_W

ClientSampleId :

VW1010SBSD01

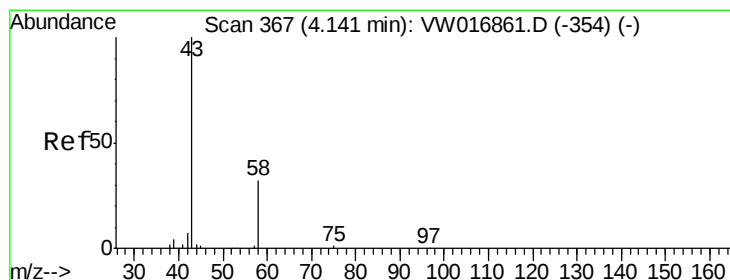
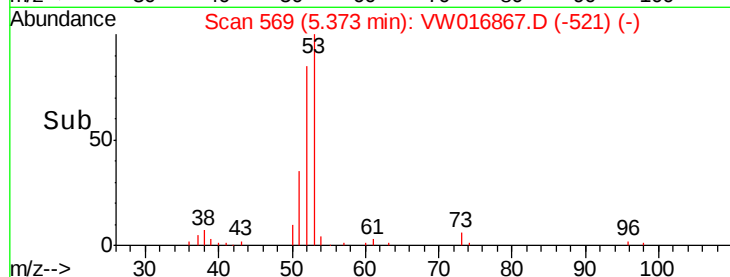
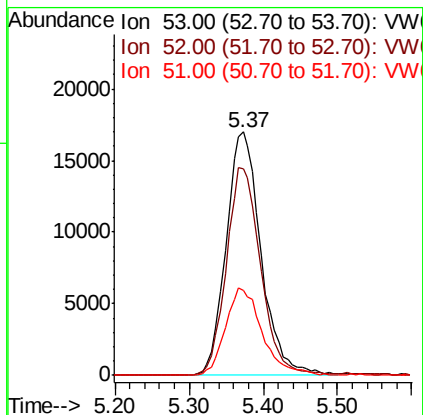
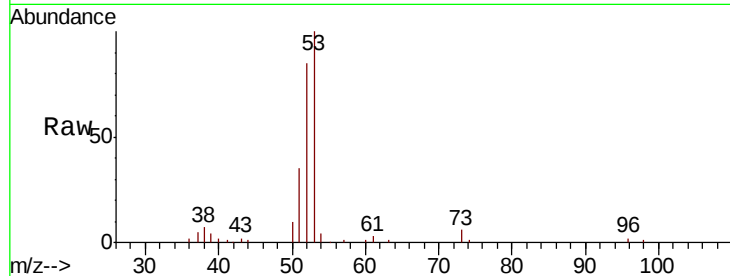
Tot Ion: 53 Resp: 55832

Ion Ratio Lower Upper

53 100

52 83.8 65.0 97.4

51 37.7 29.1 43.7



#16

Acetone

Concen: 106.628 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW016867.D

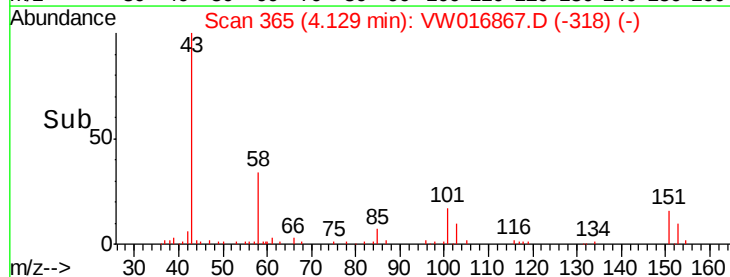
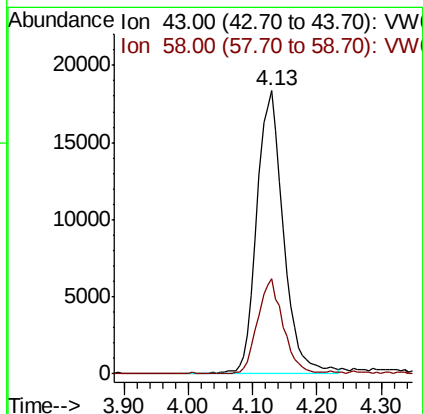
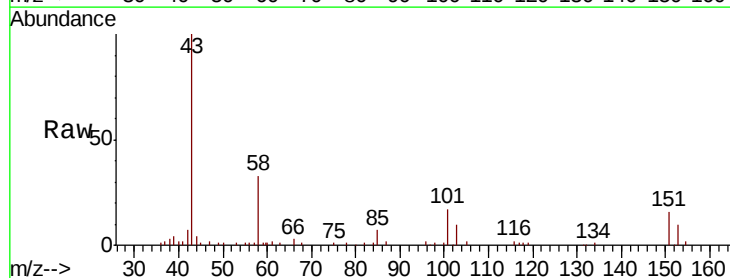
Acq: 09 Oct 2020 18:31

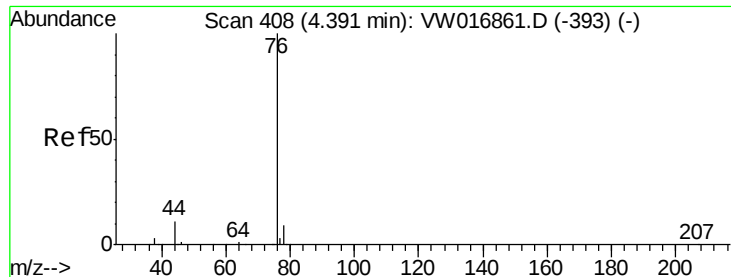
Tgt Ion: 43 Resp: 52314

Ion Ratio Lower Upper

43 100

58 33.4 25.7 38.5

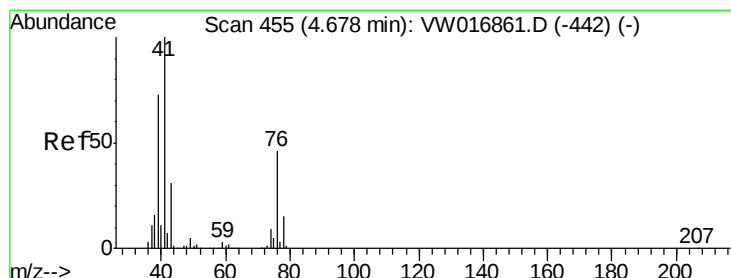
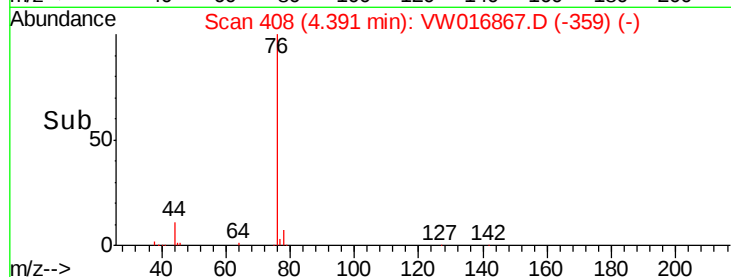
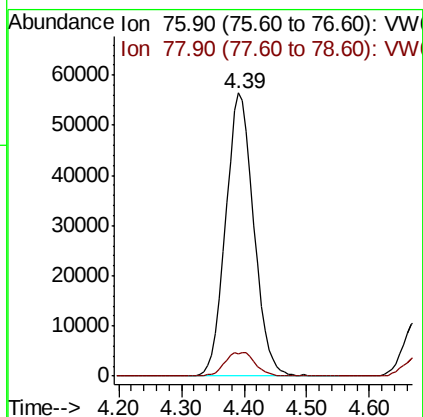
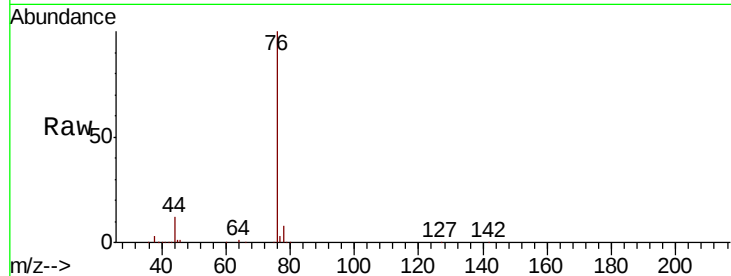




#17
Carbon Disulfide
Concen: 21.016 ug/l
RT: 4.39 min Scan# 408
Delta R.T. 0.00 min
Lab File: VW016867.D
Acq: 09 Oct 2020 18:31

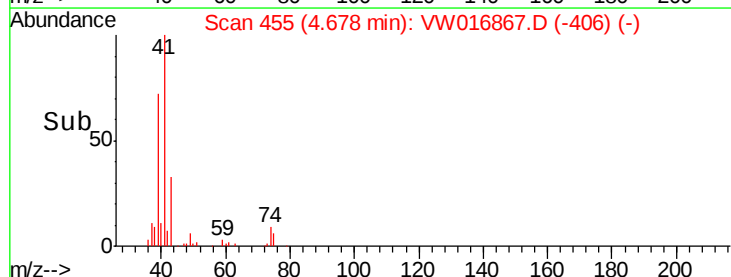
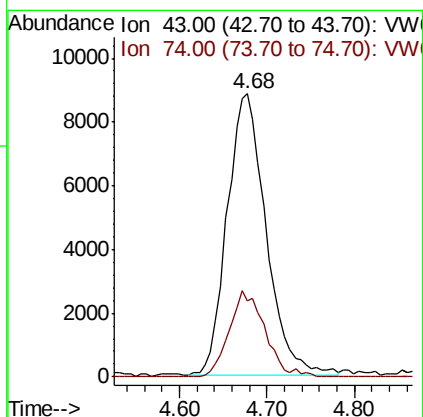
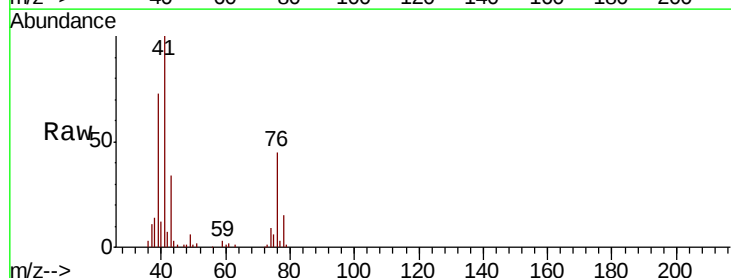
Instrument :
MSVOA_W
ClientSampleId :
VW1010SBSD01

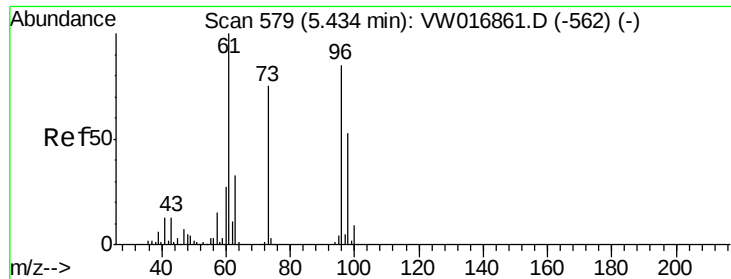
Tot Ion: 76 Resp: 174260
Ion Ratio Lower Upper
76 100
78 8.0 7.4 11.2



#18
Methyl Acetate
Concen: 24.274 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.00 min
Lab File: VW016867.D
Acq: 09 Oct 2020 18:31

Tgt Ion: 43 Resp: 27315
Ion Ratio Lower Upper
43 100
74 28.0 23.8 35.6

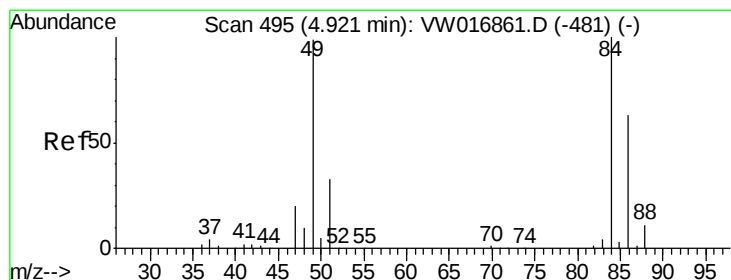
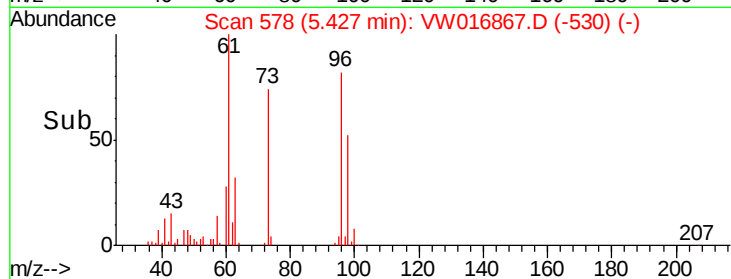
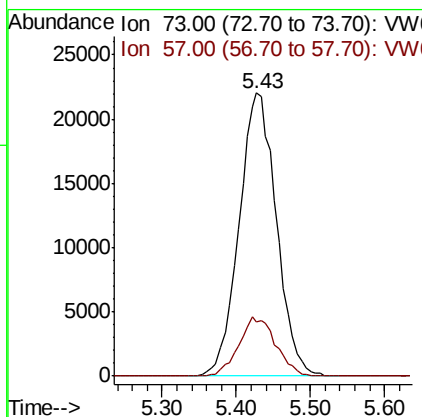
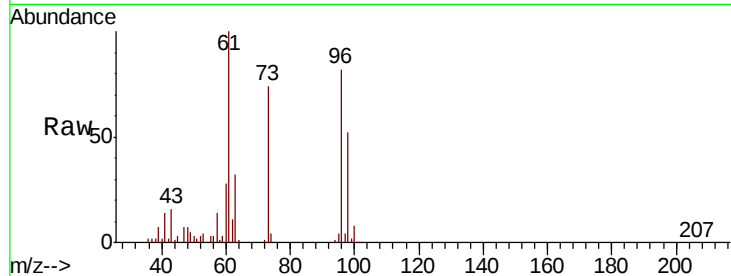




#19
Methyl tert-butyl Ether
Concen: 22.995 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW016867.D
Acq: 09 Oct 2020 18:31

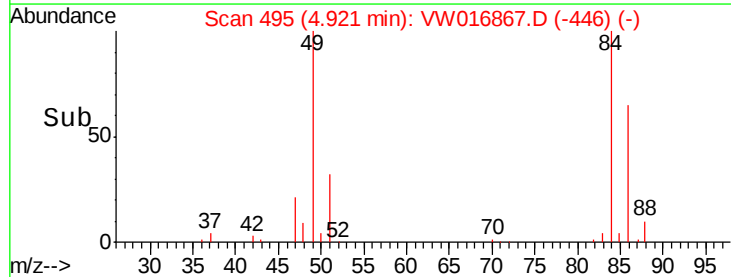
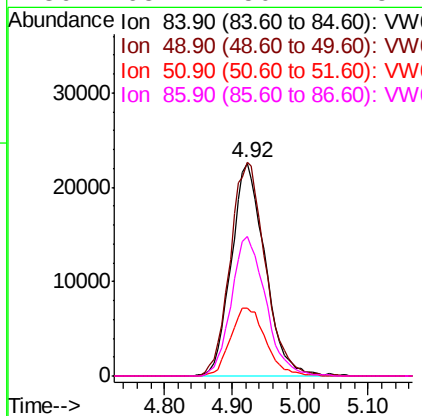
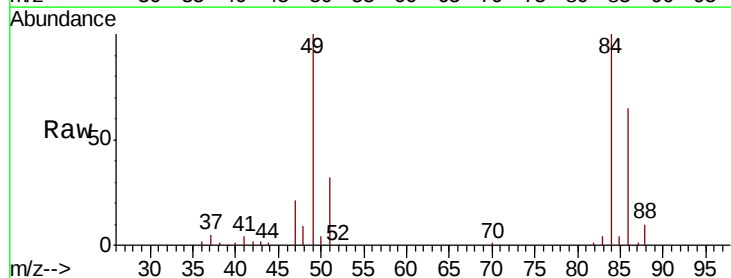
Instrument :
MSVOA_W
ClientSampleId :
VW1010SBSD01

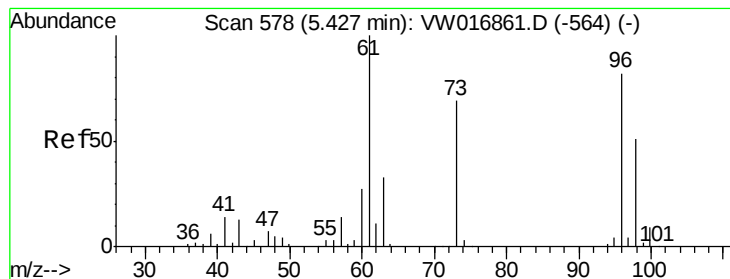
Tot Ion: 73 Resp: 77240
Ion Ratio Lower Upper
73 100
57 19.3 16.1 24.1



#20
Methylene Chloride
Concen: 20.887 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW016867.D
Acq: 09 Oct 2020 18:31

Tgt Ion: 84 Resp: 77693
Ion Ratio Lower Upper
84 100
49 100.3 79.0 118.6
51 31.9 26.1 39.1
86 65.4 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 21.185 ug/l

RT: 5.43 min Scan# 579

Delta R.T. 0.01 min

Lab File: VW016867.D

Acq: 09 Oct 2020 18:31

Instrument :

MSVOA_W

ClientSampleId :

VW1010SBSD01

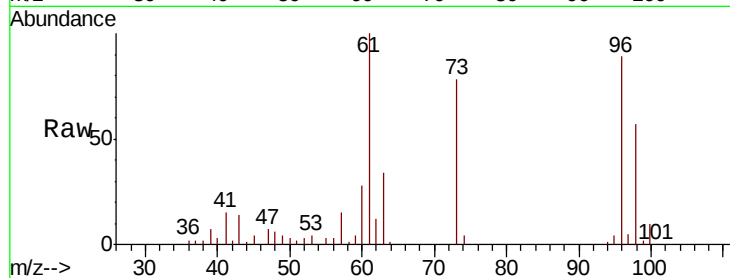
Tot Ion: 96 Resp: 74120

Ion Ratio Lower Upper

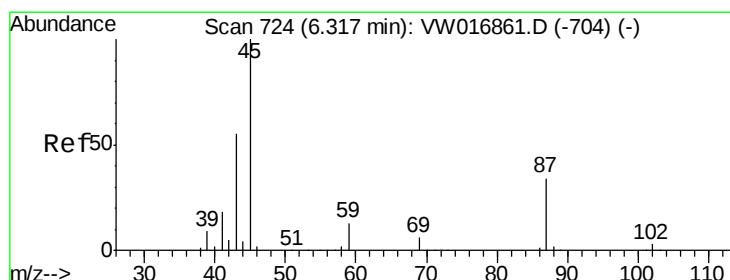
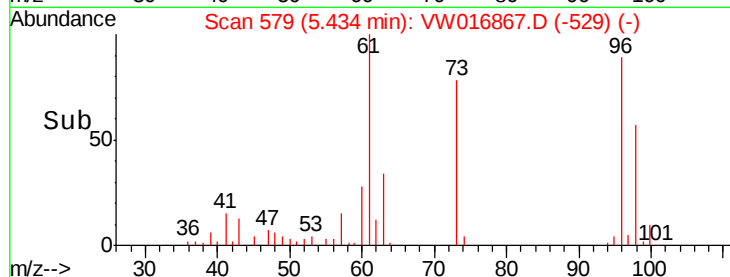
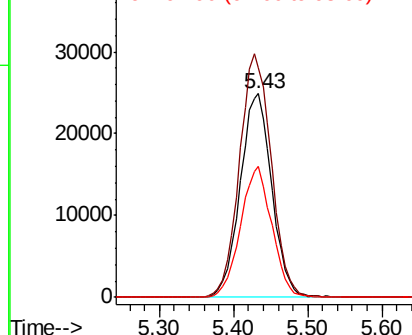
96 100

61 112.7 97.4 146.0

98 64.1 49.4 74.0



Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 21.564 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.00 min

Lab File: VW016867.D

Acq: 09 Oct 2020 18:31

Tgt Ion: 45 Resp: 146209

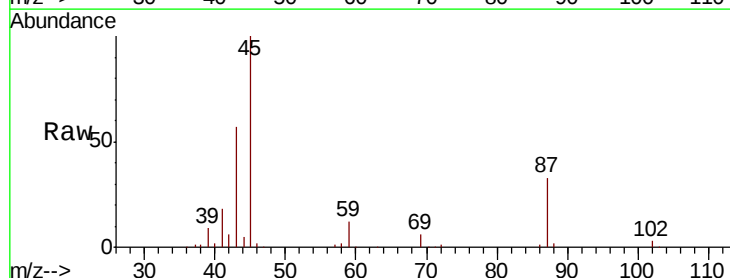
Ion Ratio Lower Upper

45 100

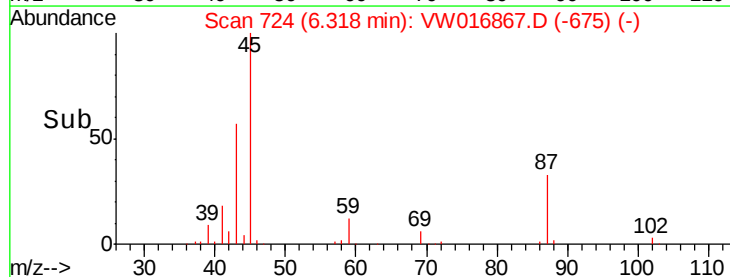
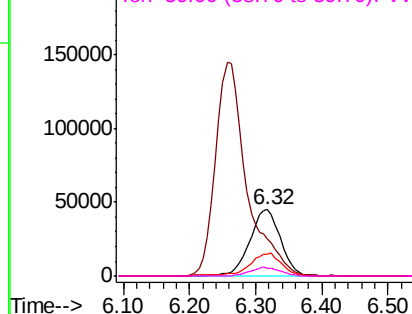
43 55.7 43.8 65.8

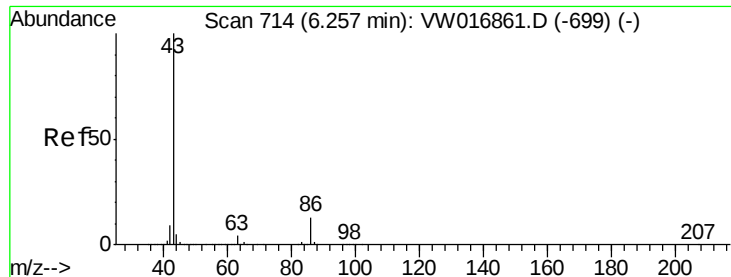
87 33.1 27.6 41.4

59 11.6 10.8 16.2



Abundance Ion 45.00 (44.70 to 45.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 87.00 (86.70 to 87.70): VW
Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 109.833 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW016867.D

Acq: 09 Oct 2020 18:31

Instrument :

MSVOA_W

ClientSampleId :

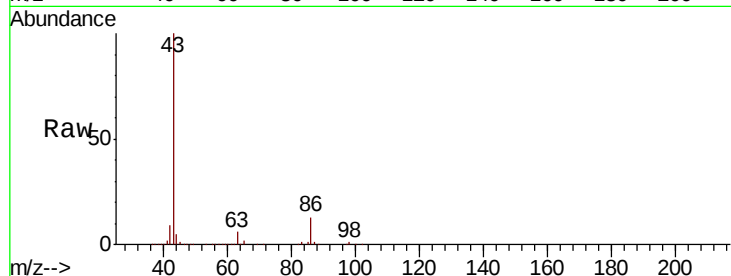
VW1010SBSD01

Tot Ion: 43 Resp: 477173

Ion Ratio Lower Upper

43 100

86 12.9 10.2 15.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

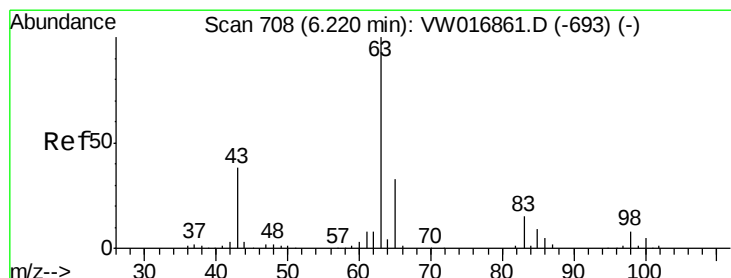
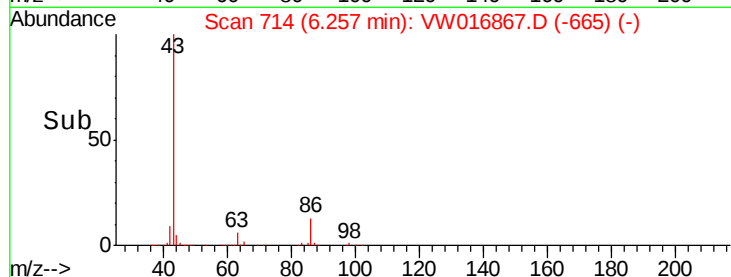
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.997 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW016867.D

Acq: 09 Oct 2020 18:31

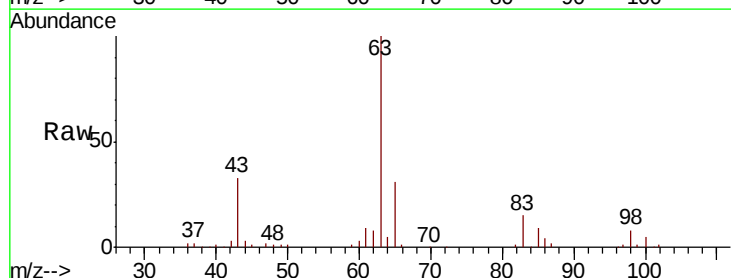
Tgt Ion: 63 Resp: 112888

Ion Ratio Lower Upper

63 100

98 8.1 4.2 12.6

100 4.7 2.6 7.8



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

50000

40000

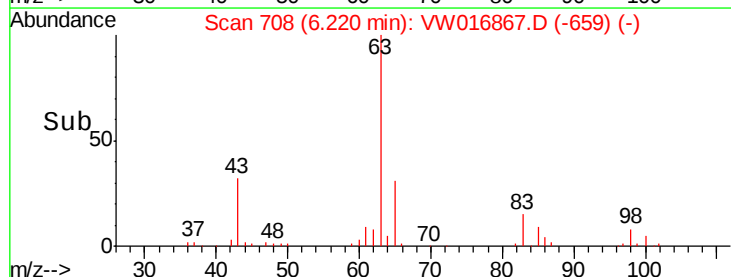
30000

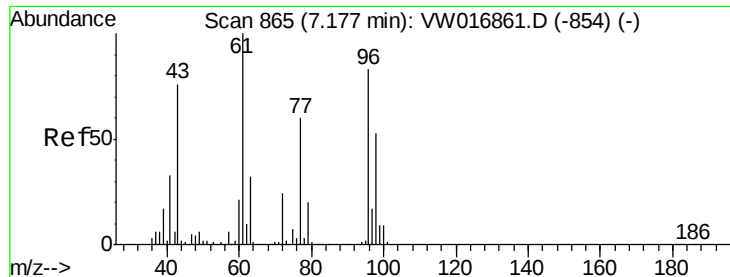
20000

10000

0

Time-->





#25

2-Butanone

Concen: 116.311 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW016867.D

Acq: 09 Oct 2020 18:31

Instrument :

MSVOA_W

ClientSampleId :

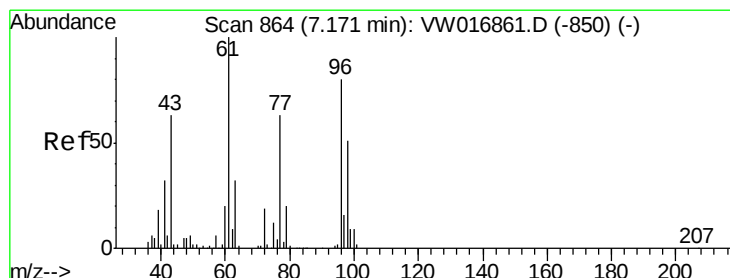
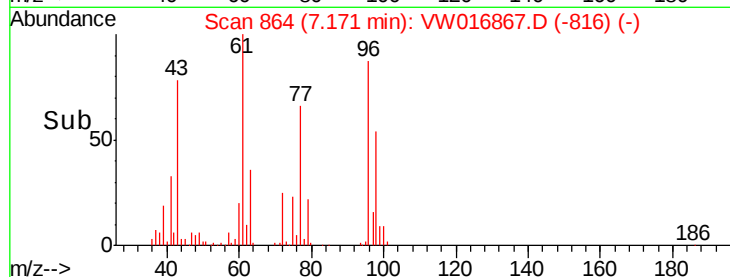
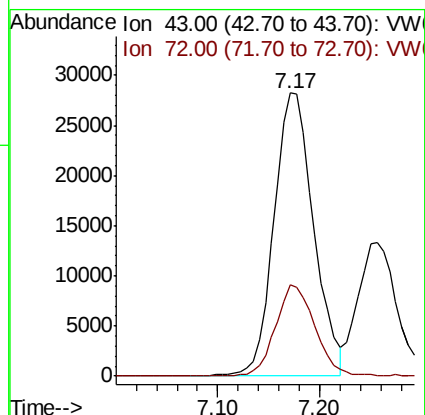
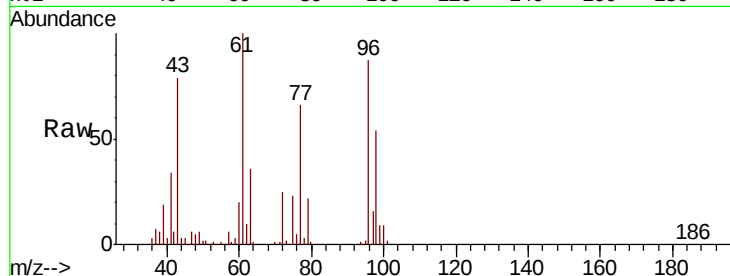
VW1010SBSD01

Tot Ion: 43 Resp: 76076

Ion Ratio Lower Upper

43 100

72 32.2 25.4 38.2



#26

2,2-Dichloropropane

Concen: 21.013 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW016867.D

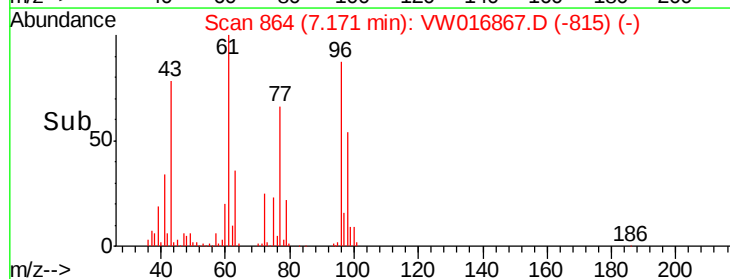
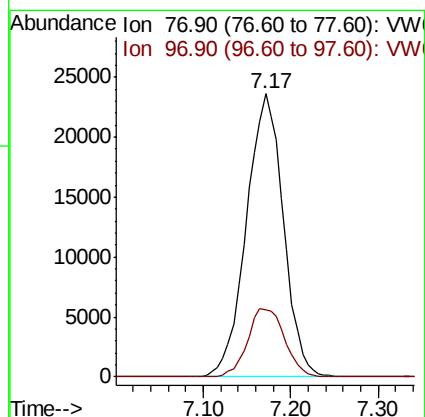
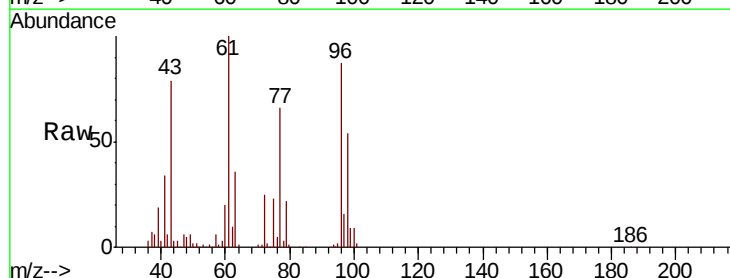
Acq: 09 Oct 2020 18:31

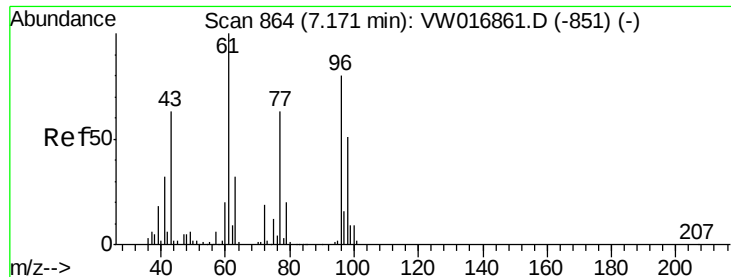
Tgt Ion: 77 Resp: 69118

Ion Ratio Lower Upper

77 100

97 24.2 12.4 37.4



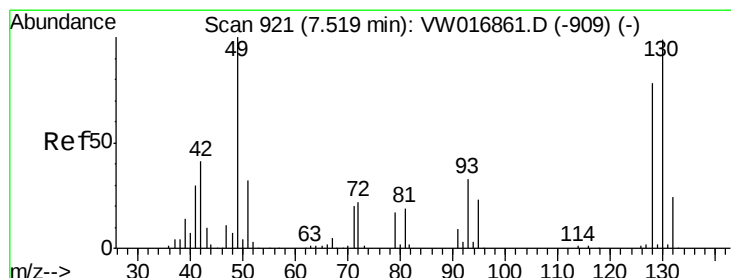
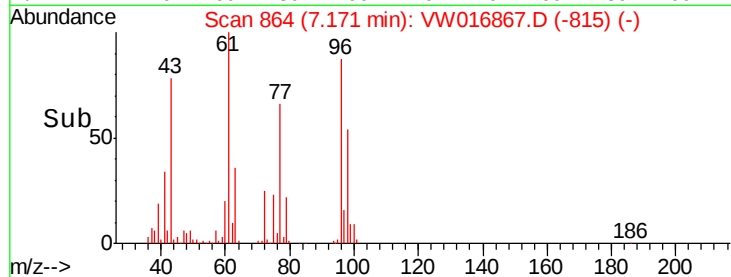
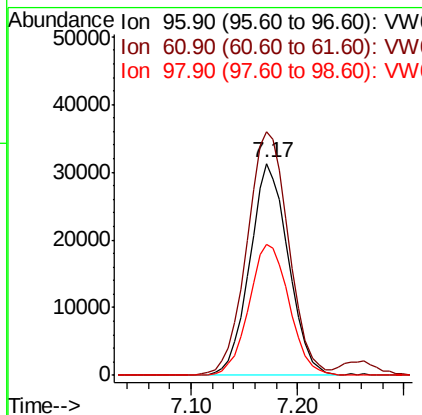
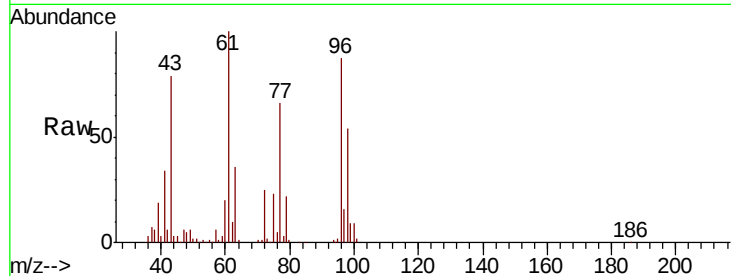


#27

cis-1,2-Dichloroethene
 Concen: 21.257 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW016867.D
 Acq: 09 Oct 2020 18:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1010SBSD01

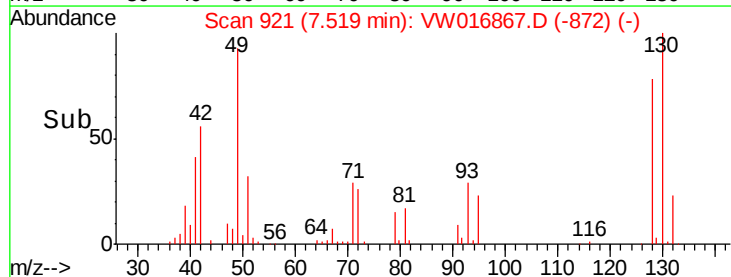
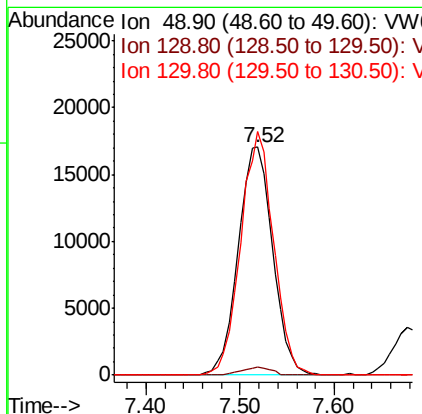
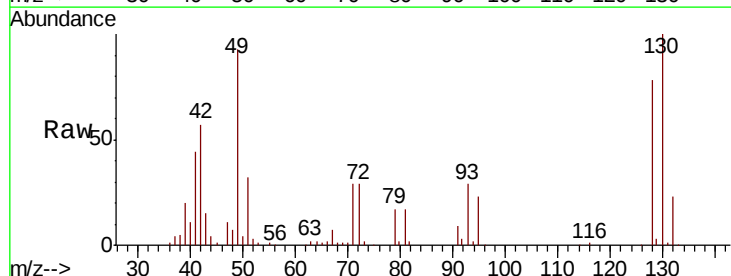
Tot Ion	96	Resp	79656
Ion	Ratio	Lower	Upper
96	100		
61	123.7	0.0	249.6
98	64.4	0.0	129.4

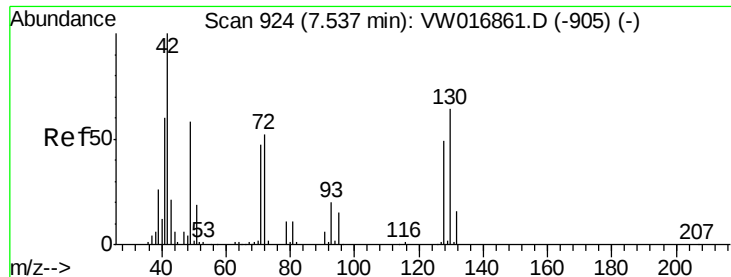


#28

Bromochloromethane
 Concen: 20.131 ug/l
 RT: 7.52 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: VW016867.D
 Acq: 09 Oct 2020 18:31

Tgt Ion	49	Resp	43316
Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	4.8
130	101.7	81.3	121.9

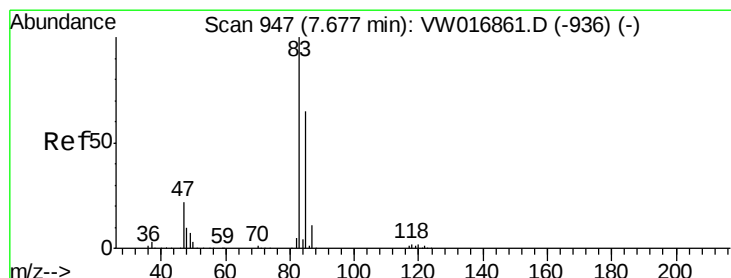
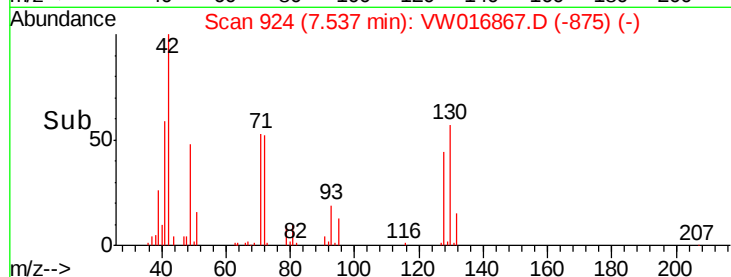
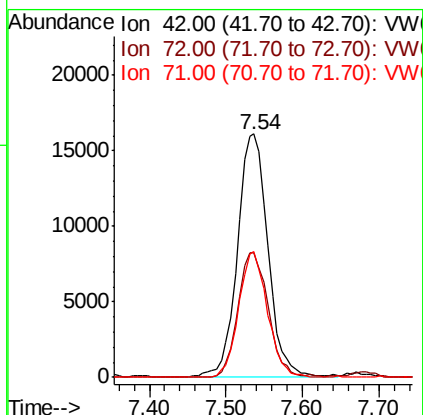
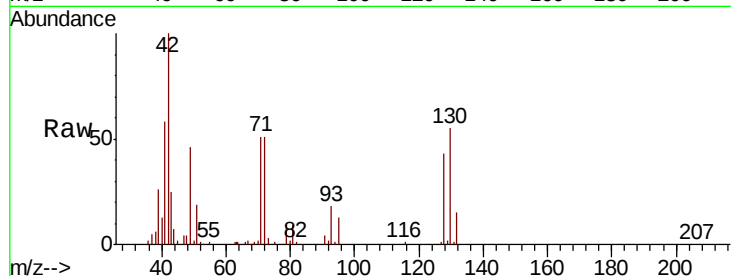




#29
Tetrahydrofuran
Concen: 121.941 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW016867.D
Acq: 09 Oct 2020 18:31

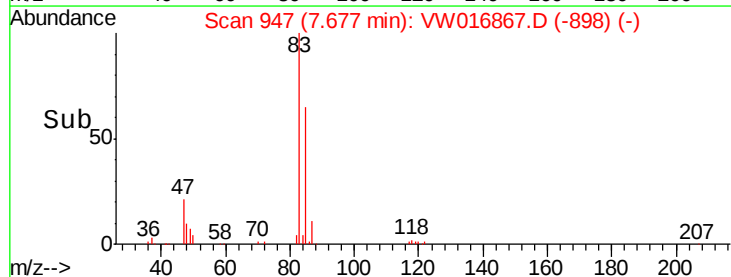
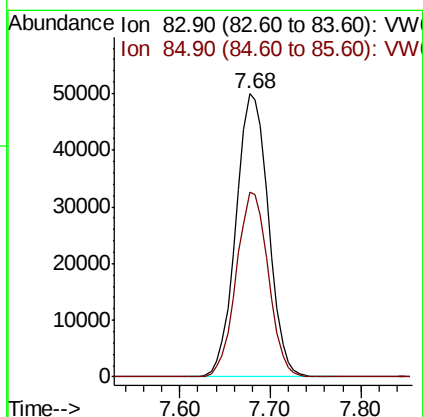
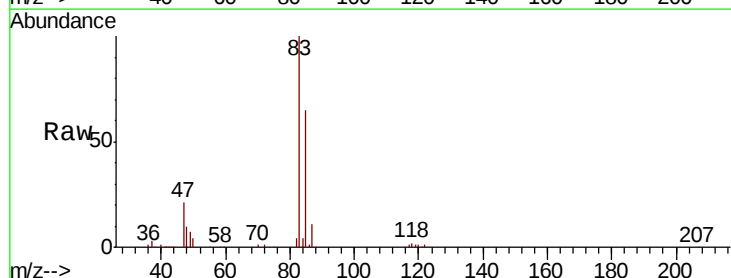
Instrument :
MSVOA_W
ClientSampleId :
VW1010SBSD01

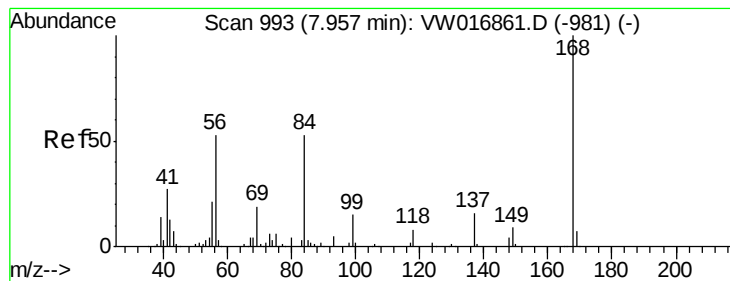
Tot Ion: 42 Resp: 44675
Ion Ratio Lower Upper
42 100
72 50.6 42.0 63.0
71 48.5 39.0 58.6



#30
Chloroform
Concen: 21.314 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW016867.D
Acq: 09 Oct 2020 18:31

Tgt Ion: 83 Resp: 124573
Ion Ratio Lower Upper
83 100
85 65.1 51.7 77.5





#31

Cyclohexane

Concen: 20.888 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW016867.D

Acq: 09 Oct 2020 18:31

Instrument :

MSVOA_W

ClientSampleId :

VW1010SBSD01

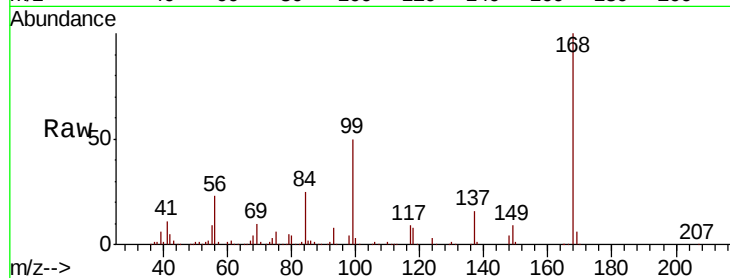
Tot Ion: 56 Resp: 95788

Ion Ratio Lower Upper

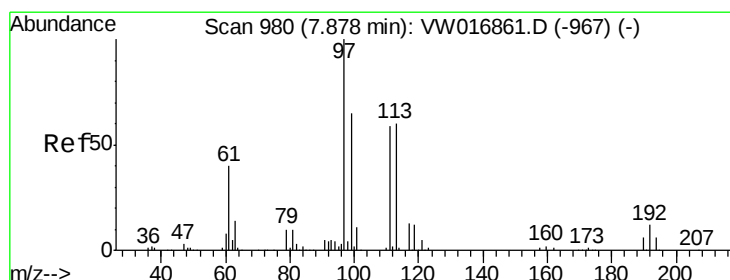
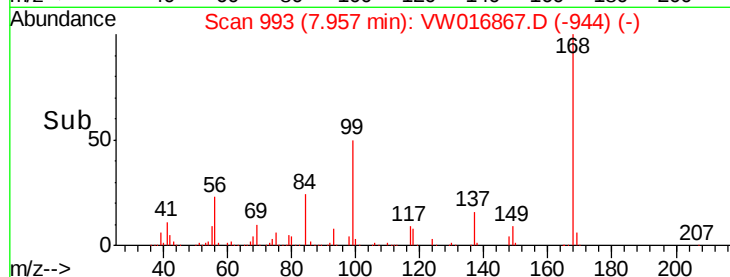
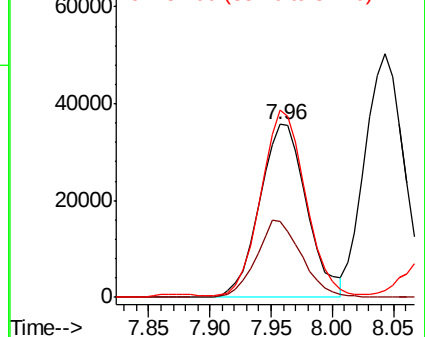
56 100

69 43.5 29.3 43.9

84 106.2 80.5 120.7



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



#32

1,1,1-Trichloroethane

Concen: 21.120 ug/l

RT: 7.88 min Scan# 980

Delta R.T. 0.00 min

Lab File: VW016867.D

Acq: 09 Oct 2020 18:31

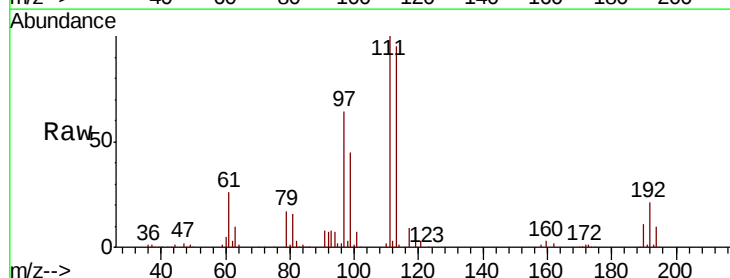
Tgt Ion: 97 Resp: 104123

Ion Ratio Lower Upper

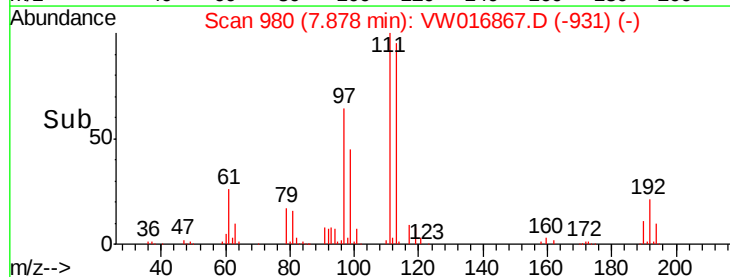
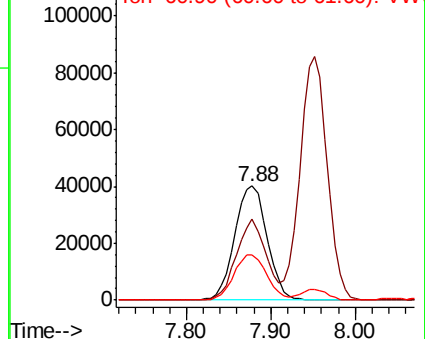
97 100

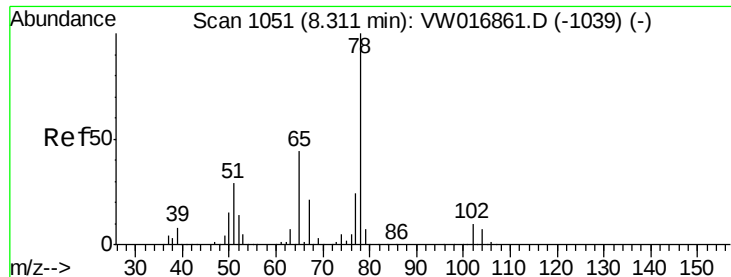
99 64.5 52.4 78.6

61 40.1 31.9 47.9



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





#33

1,2-Dichloroethane-d4

Concen: 54.952 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW016867.D

Acq: 09 Oct 2020 18:31

Instrument :

MSVOA_W

ClientSampleId :

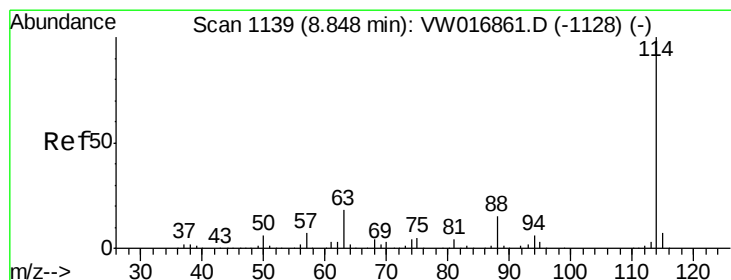
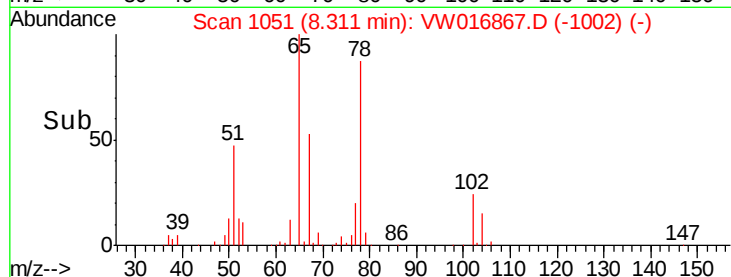
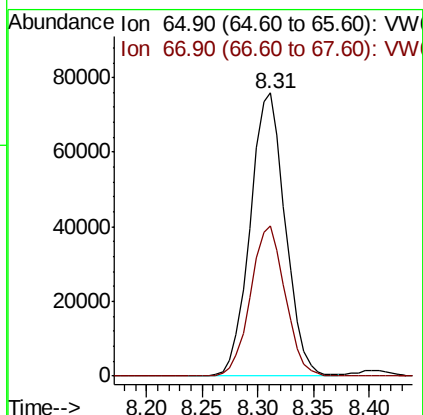
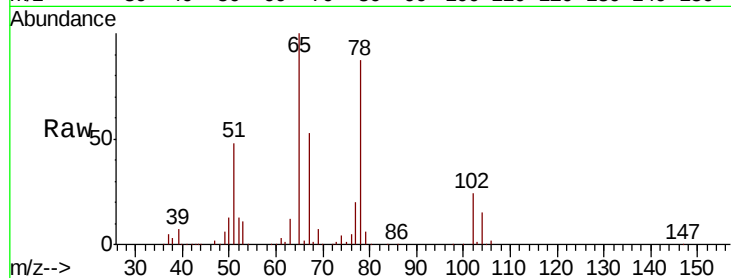
VW1010SBSD01

Tot Ion: 65 Resp: 166463

Ion Ratio Lower Upper

65 100

67 52.5 0.0 103.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW016867.D

Acq: 09 Oct 2020 18:31

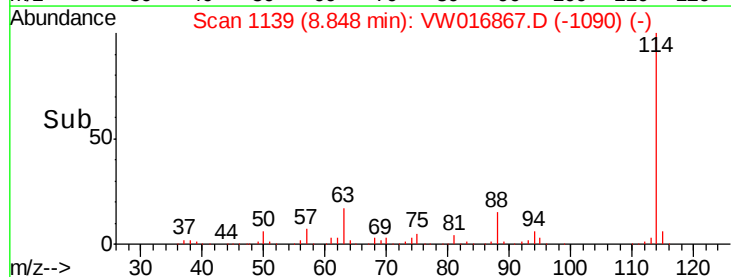
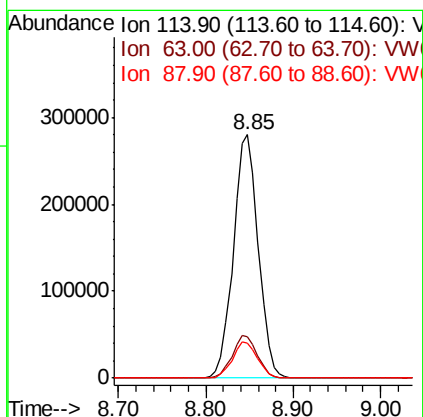
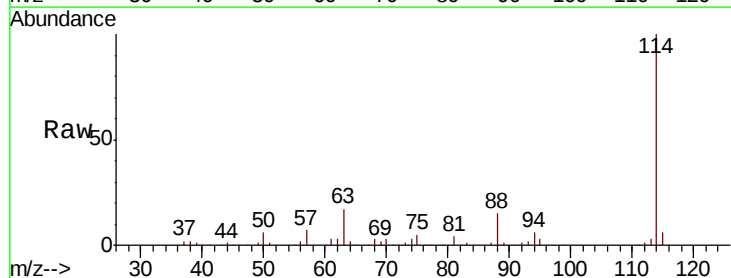
Tgt Ion: 114 Resp: 553462

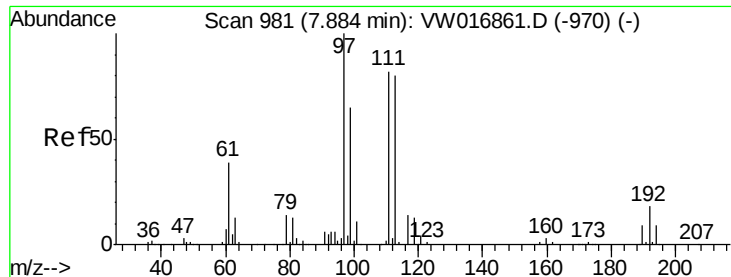
Ion Ratio Lower Upper

114 100

63 16.9 0.0 35.6

88 14.6 0.0 30.4

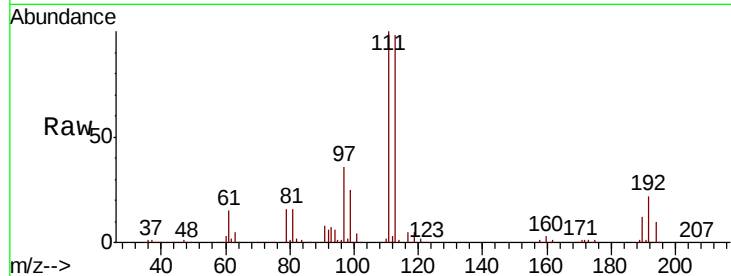




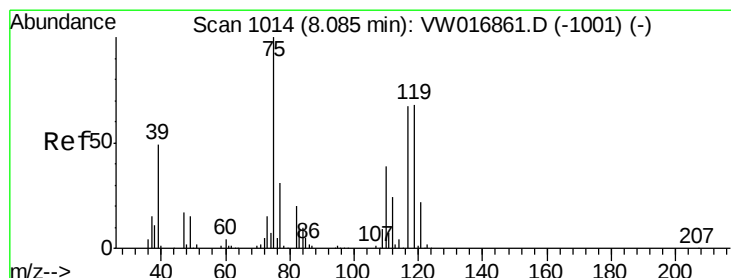
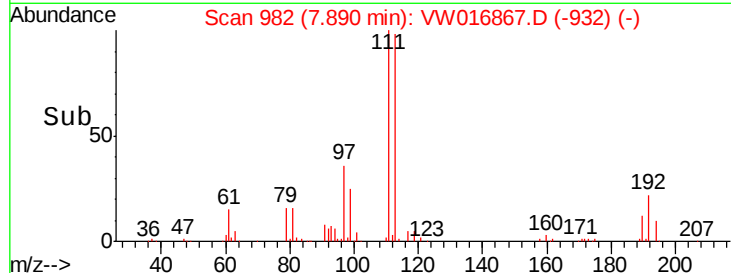
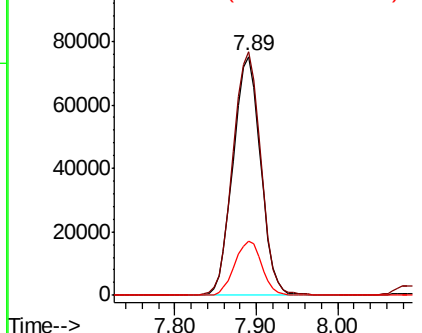
#35
 Dibromofluoromethane
 Concen: 51.676 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW016867.D
 Acq: 09 Oct 2020 18:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1010SBSD01

Tot Ion:113 Resp: 175301
 Ion Ratio Lower Upper
 113 100
 111 103.4 81.4 122.2
 192 22.3 17.8 26.8

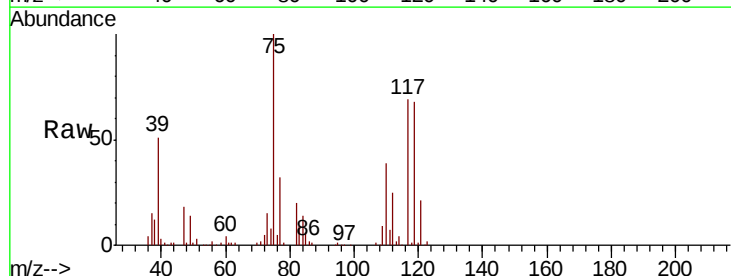


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

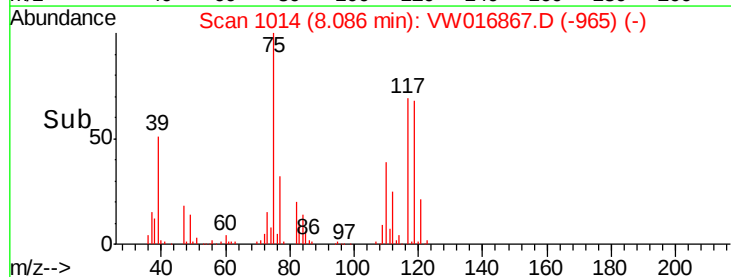
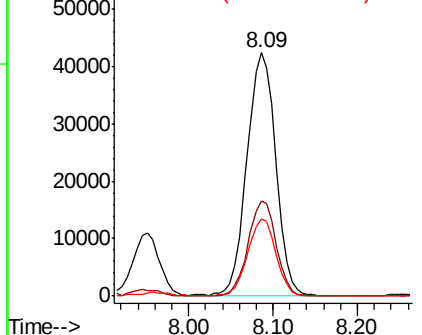


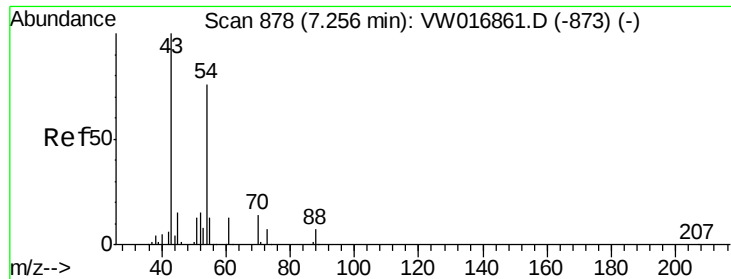
#36
 1,1-Dichloropropene
 Concen: 20.563 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW016867.D
 Acq: 09 Oct 2020 18:31

Tgt Ion: 75 Resp: 98378
 Ion Ratio Lower Upper
 75 100
 110 37.7 19.3 57.9
 77 31.1 25.0 37.6



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

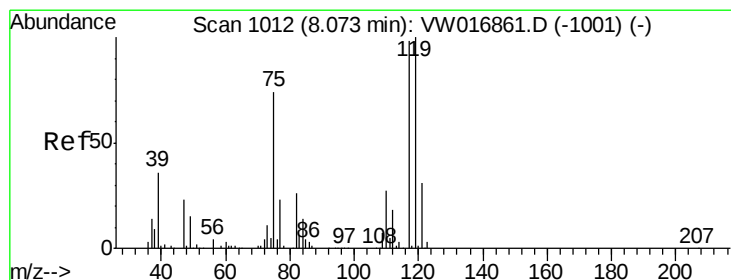
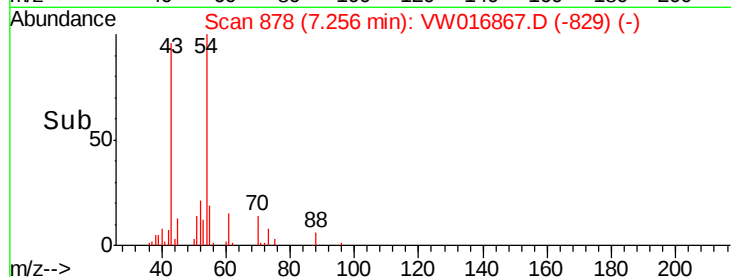
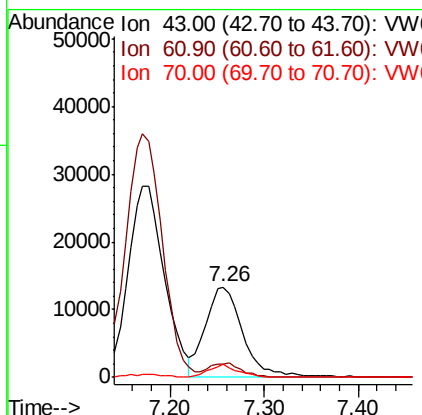
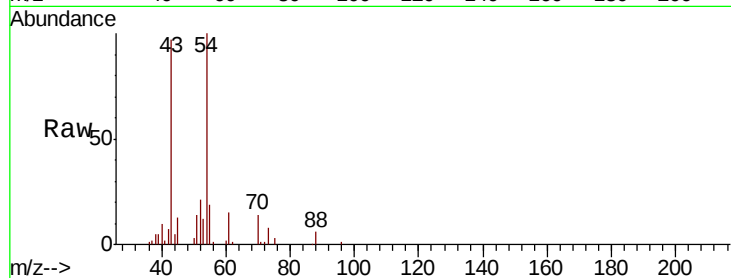




#37
Ethyl Acetate
Concen: 23.034 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW016867.D
Acq: 09 Oct 2020 18:31

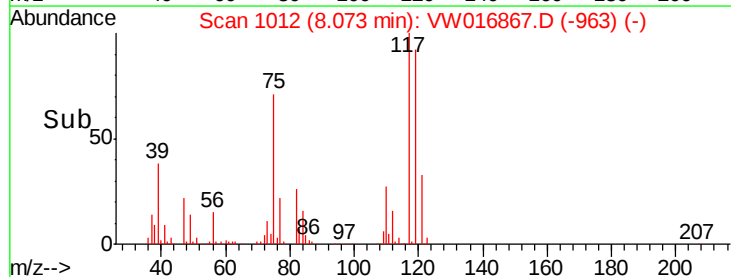
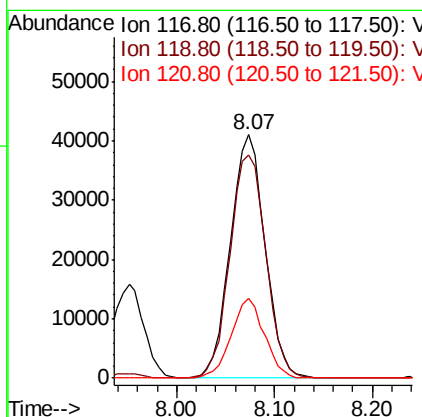
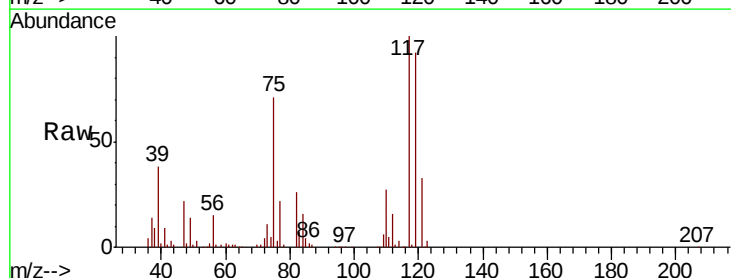
Instrument :
MSVOA_W
ClientSampleId :
VW1010SBSD01

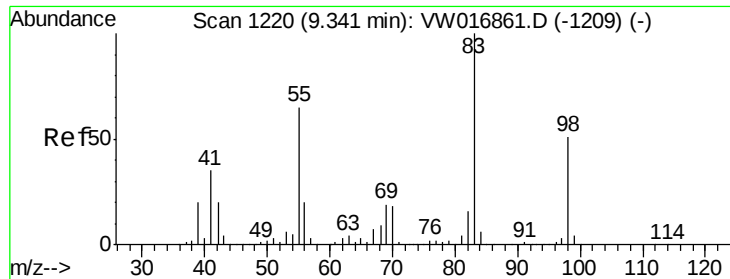
Tot Ion	Ratio	Lower	Upper
43	100		
61	14.2	12.0	18.0
70	11.4	9.9	14.9



#38
Carbon Tetrachloride
Concen: 20.324 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VW016867.D
Acq: 09 Oct 2020 18:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.5	81.6	122.4
121	32.8	25.7	38.5

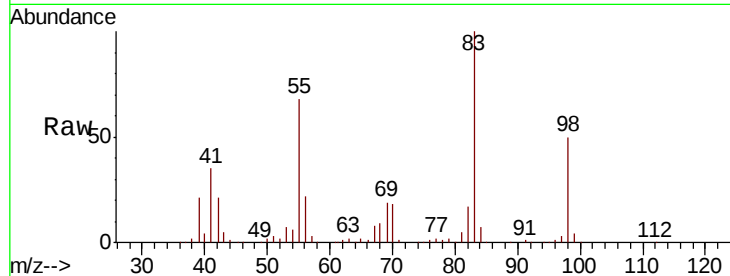




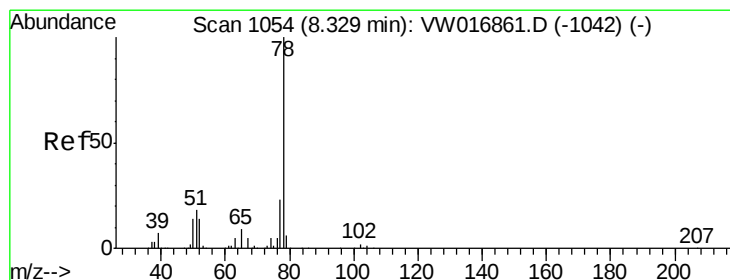
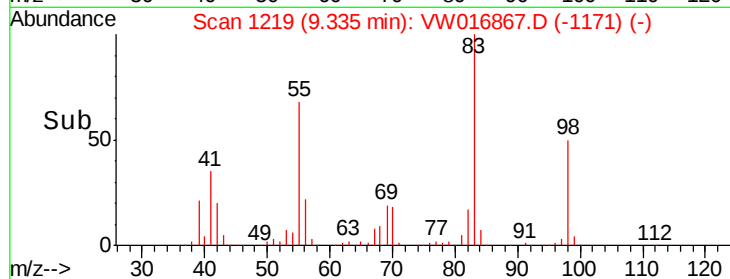
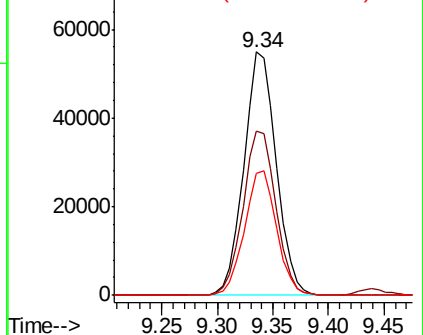
#39
Methvlcvclohexane
Concen: 20.352 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW016867.D
Acq: 09 Oct 2020 18:31

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBSD01

Tot Ion: 83 Resp: 111048
Ion Ratio Lower Upper
83 100
55 67.6 51.7 77.5
98 50.0 41.0 61.4

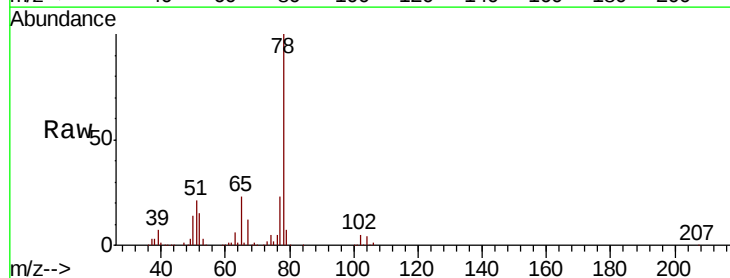


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

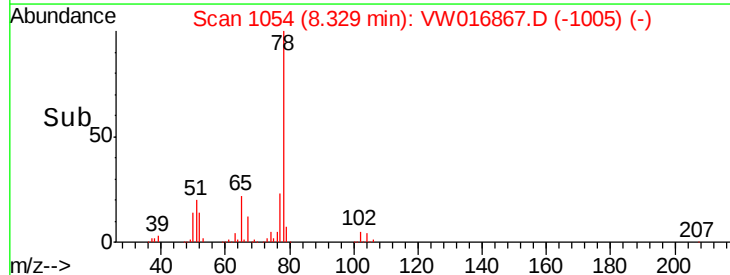
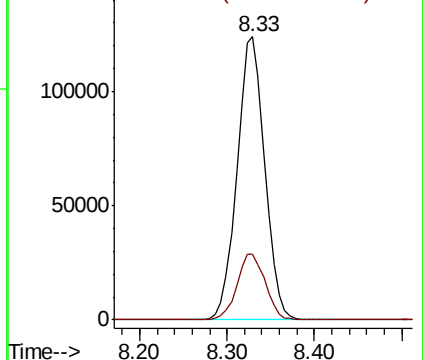


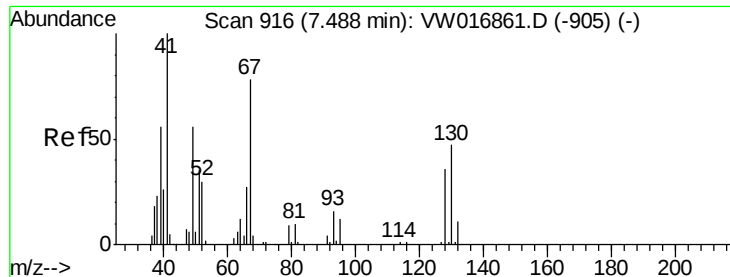
#40
Benzene
Concen: 20.402 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW016867.D
Acq: 09 Oct 2020 18:31

Tgt Ion: 78 Resp: 271995
Ion Ratio Lower Upper
78 100
77 23.5 18.5 27.7



Abundance Ion 78.00 (77.70 to 78.70): VW
Ion 77.00 (76.70 to 77.70): VW

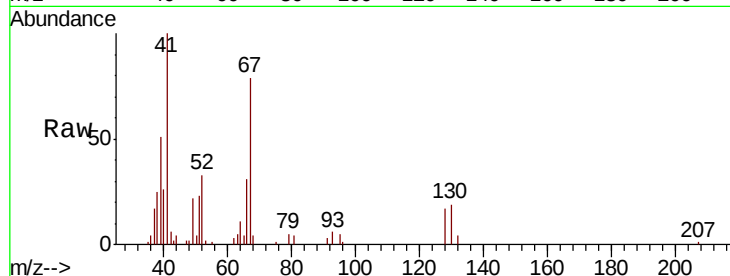




#41
Methacrylonitrile
Concen: 21.165 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.01 min
Lab File: VW016867.D
Acq: 09 Oct 2020 18:31

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBSD01

Tot Ion:	41	Resp:	19606
Ion	Ratio	Lower	Upper
41	100		
39	54.8	47.0	70.6
67	85.9	68.6	102.8
52	34.1	28.1	42.1



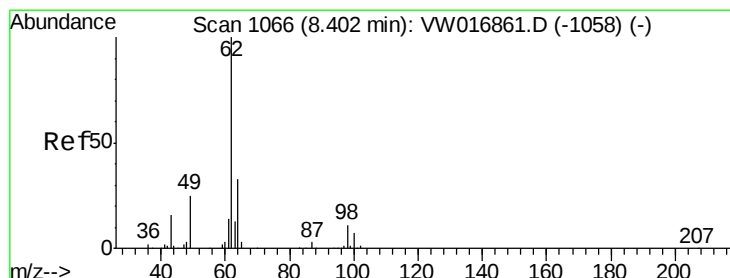
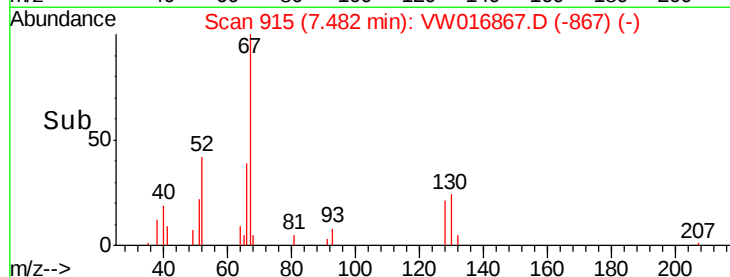
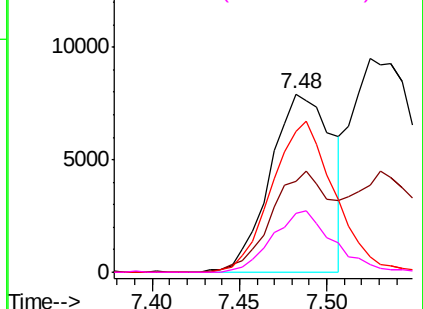
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

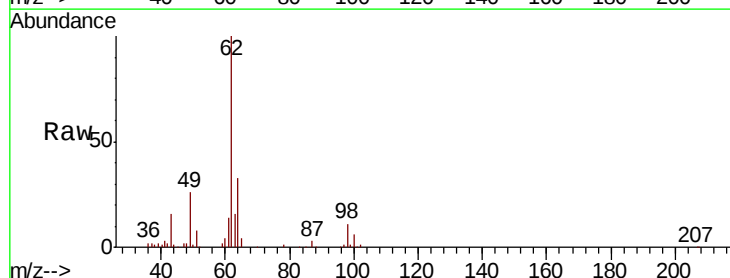
Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42
1,2-Dichloroethane
Concen: 21.192 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW016867.D
Acq: 09 Oct 2020 18:31

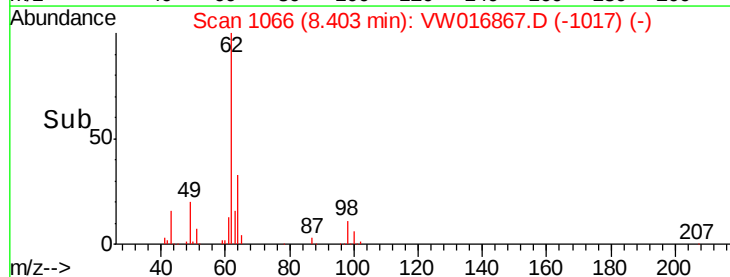
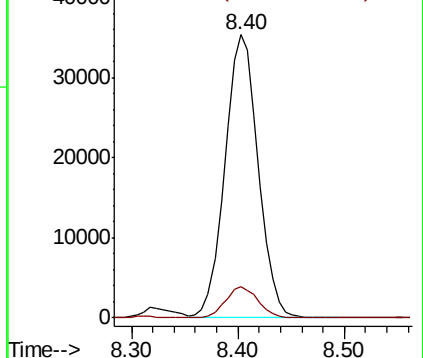
Tgt Ion:	62	Resp:	77281
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	21.0

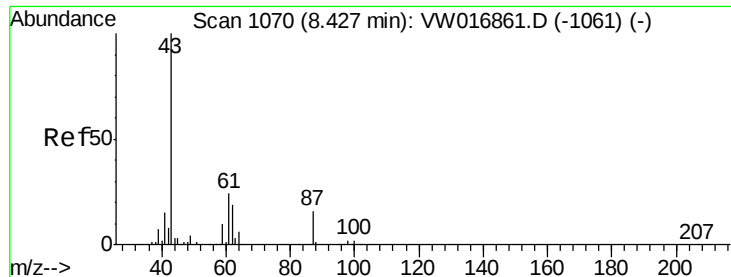


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 21.535 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW016867.D

Acq: 09 Oct 2020 18:31

Instrument :

MSVOA_W

ClientSampleId :

VW1010SBSD01

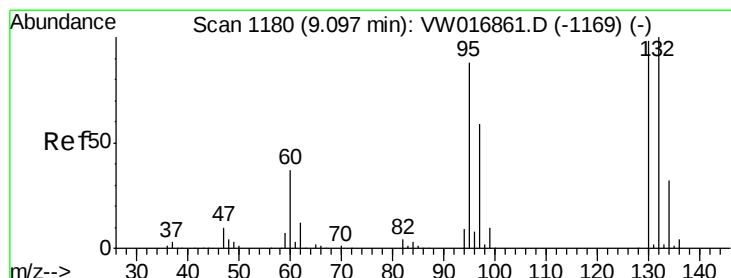
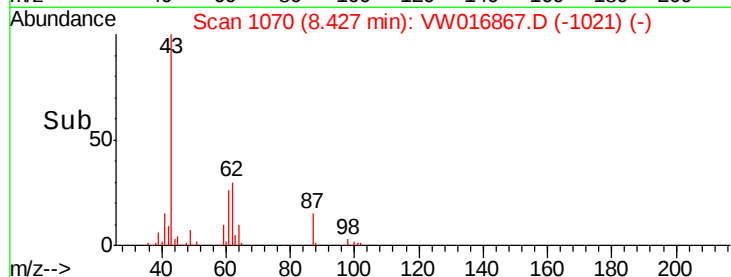
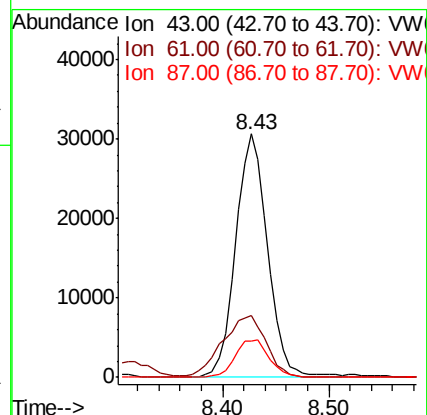
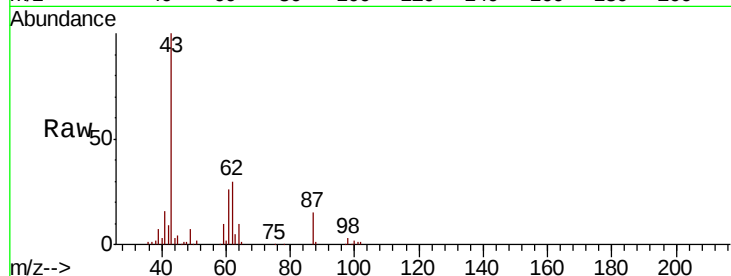
Tot Ion: 43 Resp: 64490

Ion Ratio Lower Upper

43 100

61 34.3 27.5 41.3

87 16.5 13.6 20.4



#44

Trichloroethene

Concen: 20.550 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VW016867.D

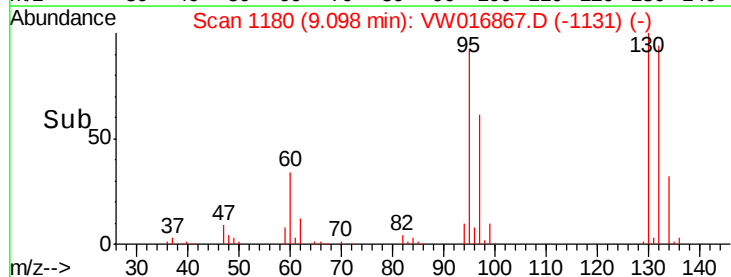
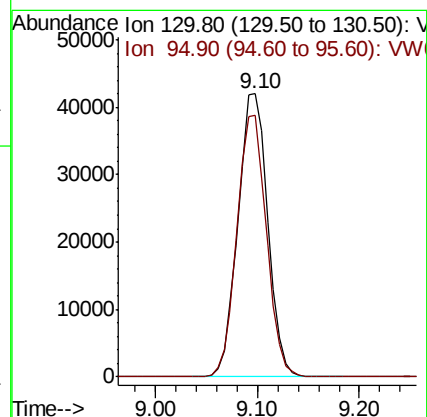
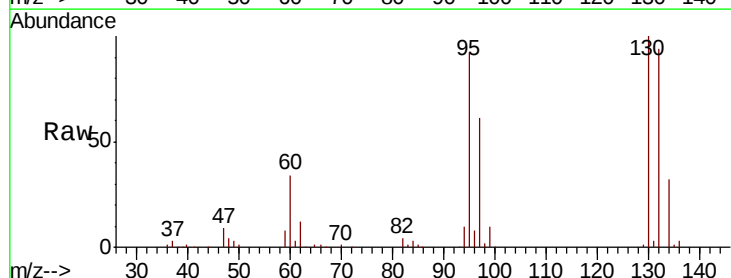
Acq: 09 Oct 2020 18:31

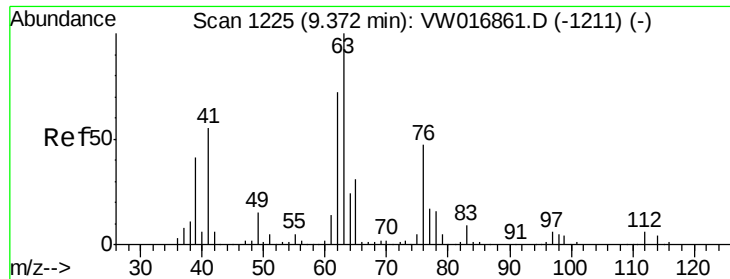
Tgt Ion: 130 Resp: 84795

Ion Ratio Lower Upper

130 100

95 92.3 0.0 180.2

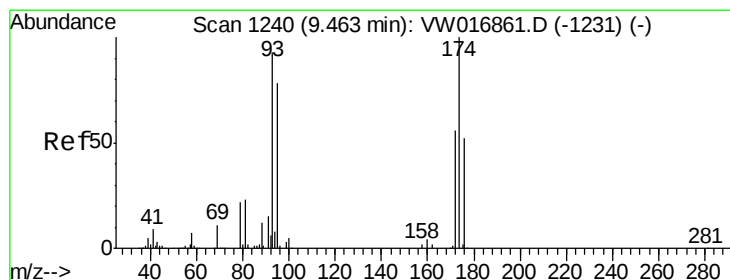
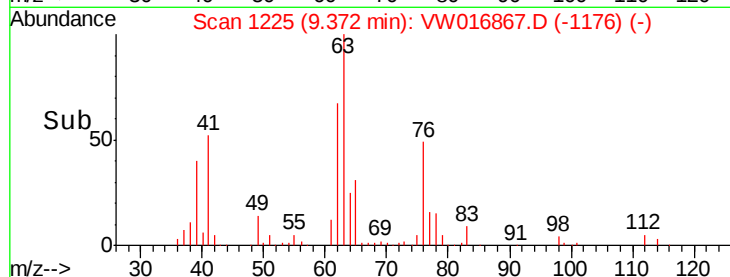
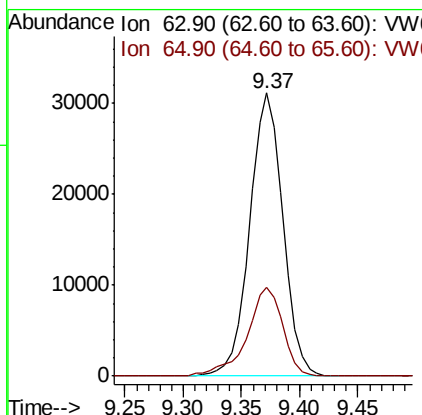
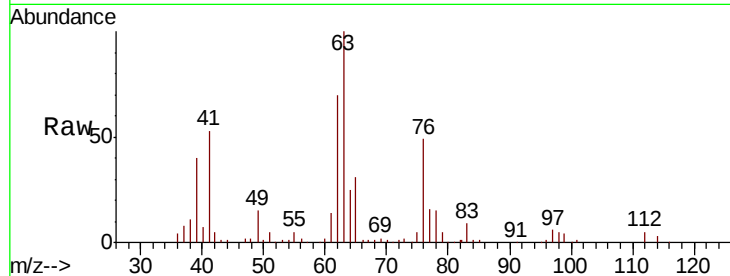




#45
 1,2-Dichloropropane
 Concen: 20.369 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW016867.D
 Acq: 09 Oct 2020 18:31

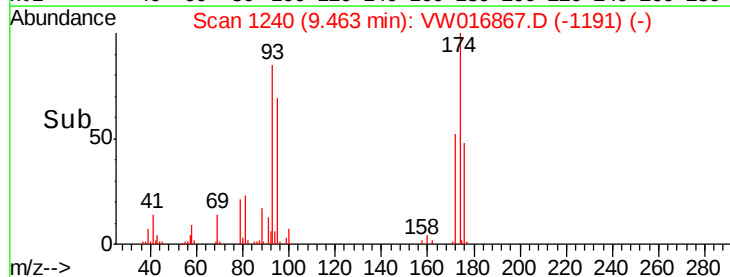
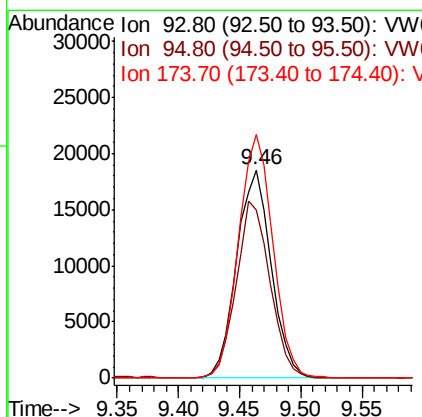
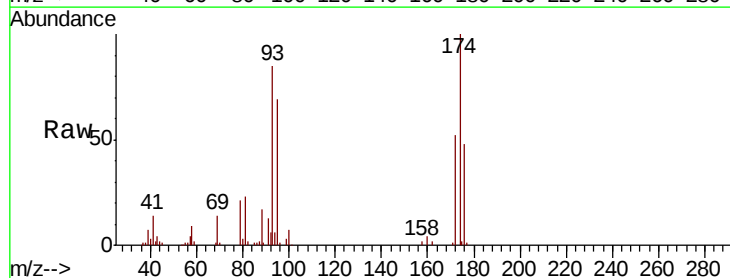
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1010SBSD01

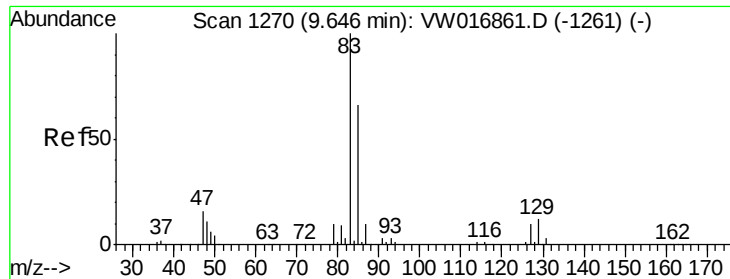
Tot Ion: 63 Resp: 61924
 Ion Ratio Lower Upper
 63 100
 65 31.5 25.1 37.7



#46
 Dibromomethane
 Concen: 20.928 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW016867.D
 Acq: 09 Oct 2020 18:31

Tgt Ion: 93 Resp: 36391
 Ion Ratio Lower Upper
 93 100
 95 82.9 66.5 99.7
 174 116.4 91.0 136.6





#47

Bromodichloromethane

Concen: 20.492 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW016867.D

Acq: 09 Oct 2020 18:31

Instrument :

MSVOA_W

ClientSampleId :

VW1010SBSD01

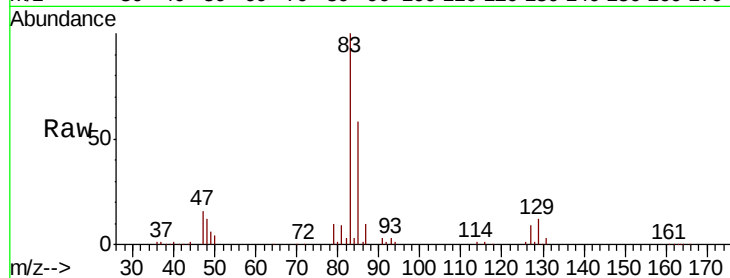
Tot Ion: 83 Resp: 88601

Ion Ratio Lower Upper

83 100

85 58.4 52.7 79.1

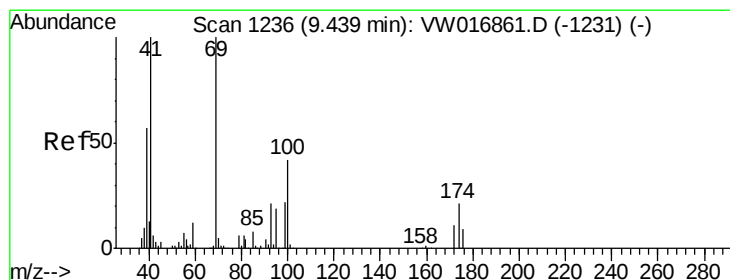
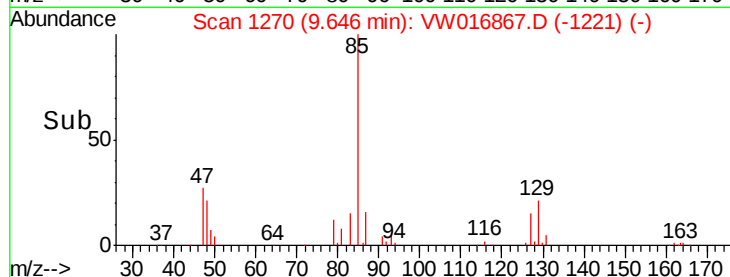
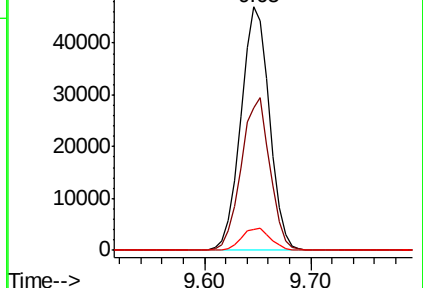
127 8.6 7.8 11.6



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): VW



#48

Methyl methacrylate

Concen: 22.109 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW016867.D

Acq: 09 Oct 2020 18:31

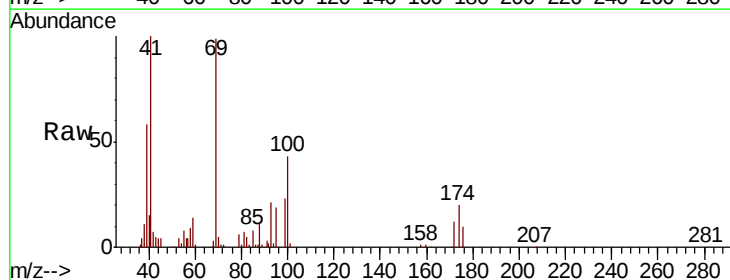
Tgt Ion: 41 Resp: 30510

Ion Ratio Lower Upper

41 100

69 106.2 83.5 125.3

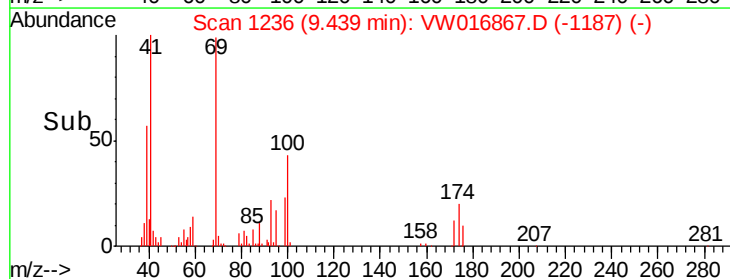
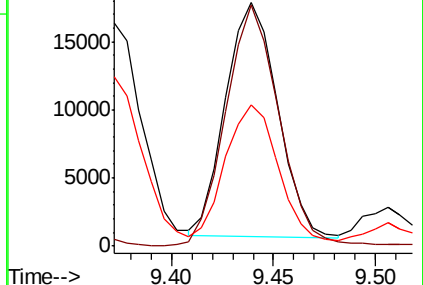
39 58.5 50.9 76.3

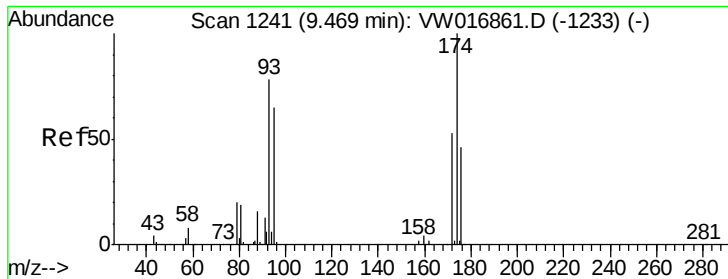


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 455.660 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VW016867.D

Acq: 09 Oct 2020 18:31

Instrument :

MSVOA_W

ClientSampleId :

VW1010SBSD01

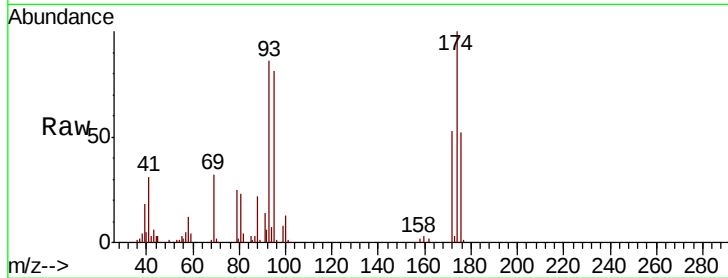
Tot Ion: 88 Resp: 9114

Ion Ratio Lower Upper

88 100

43 28.5 0.0 0.0#

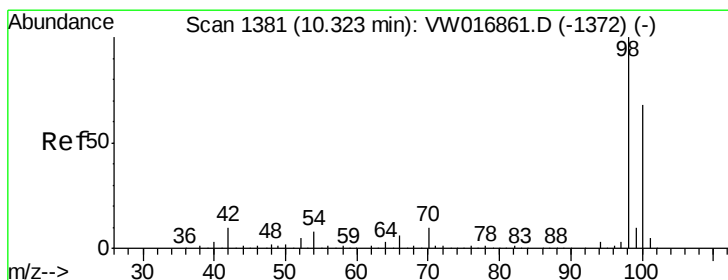
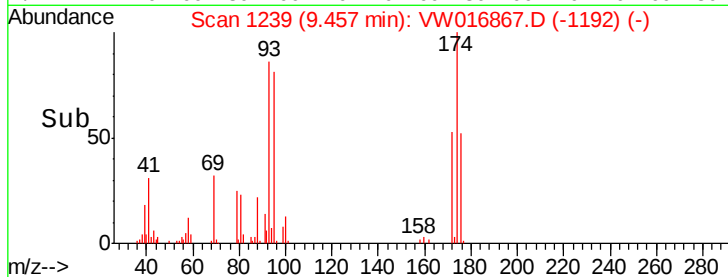
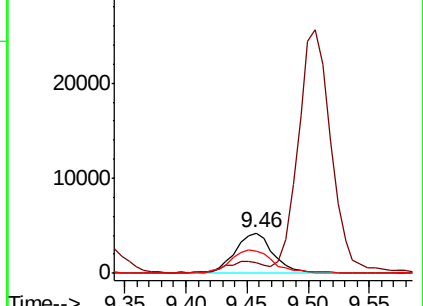
58 67.0 54.0 81.0



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 51.559 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VW016867.D

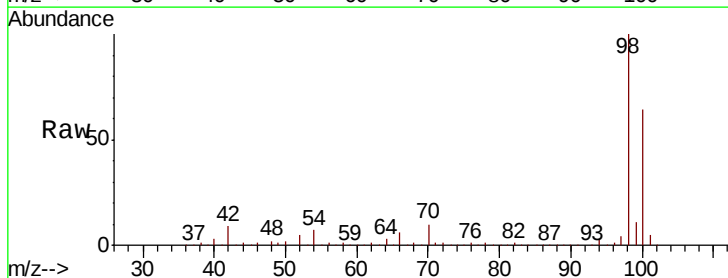
Acq: 09 Oct 2020 18:31

Tgt Ion: 98 Resp: 655808

Ion Ratio Lower Upper

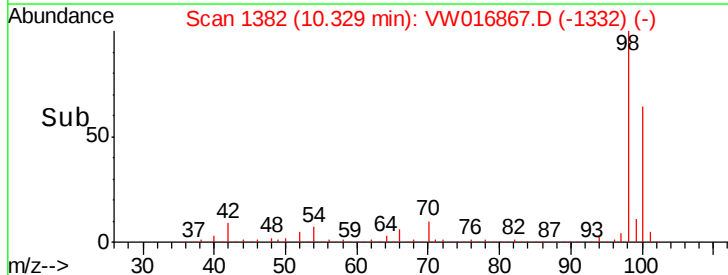
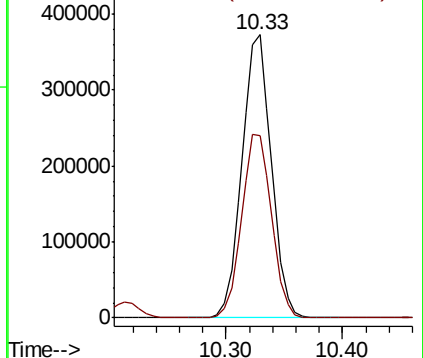
98 100

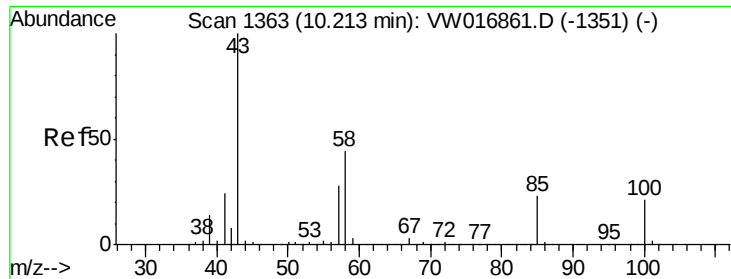
100 66.0 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 111.101 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW016867.D

Acq: 09 Oct 2020 18:31

Instrument :

MSVOA_W

ClientSampleId :

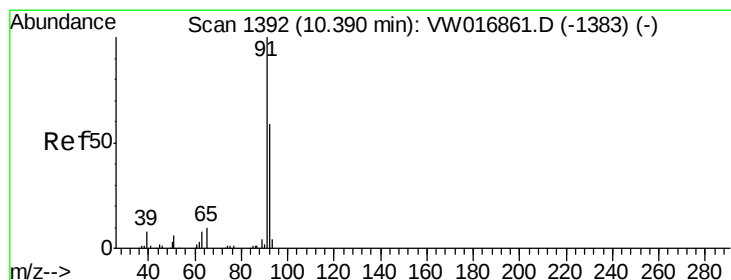
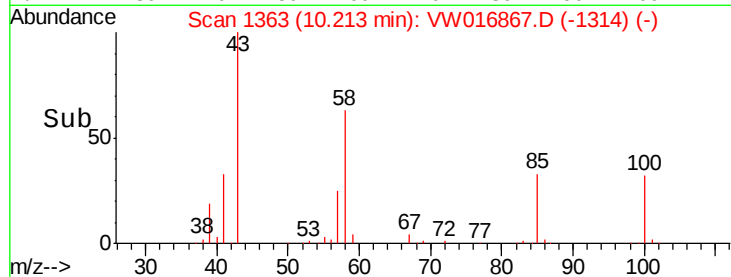
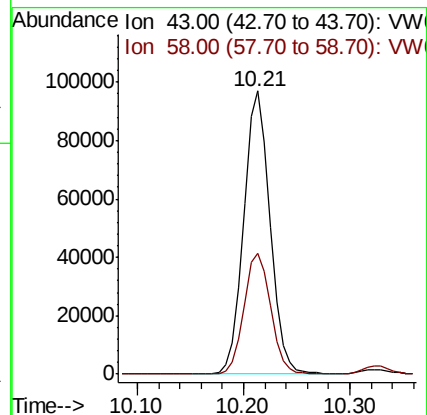
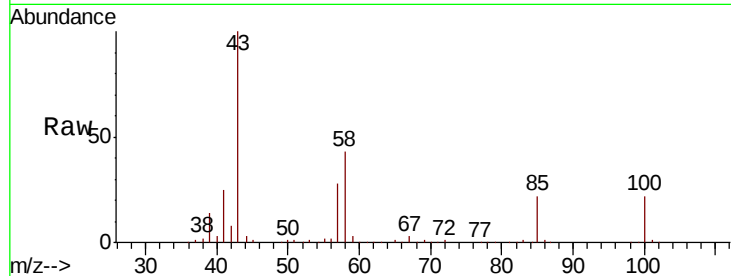
VW1010SBSD01

Tot Ion: 43 Resp: 168317

Ion Ratio Lower Upper

43 100

58 43.6 34.7 52.1



#52

Toluene

Concen: 20.697 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW016867.D

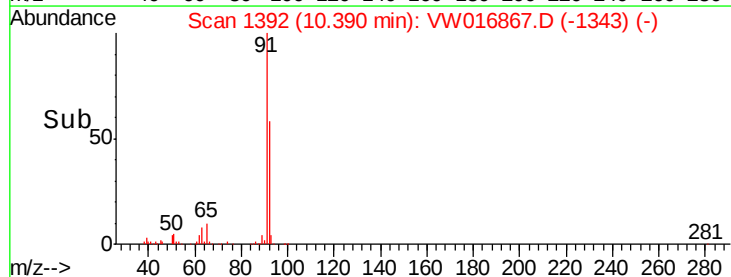
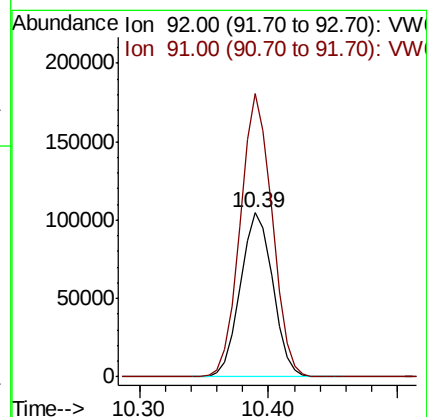
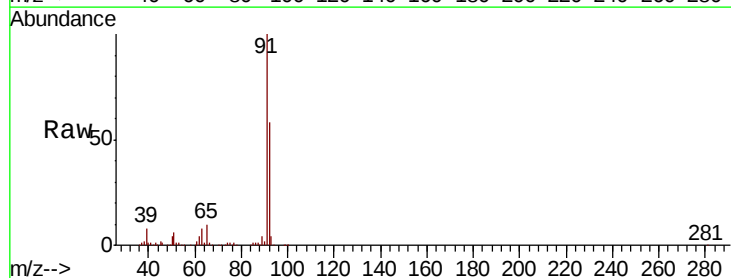
Acq: 09 Oct 2020 18:31

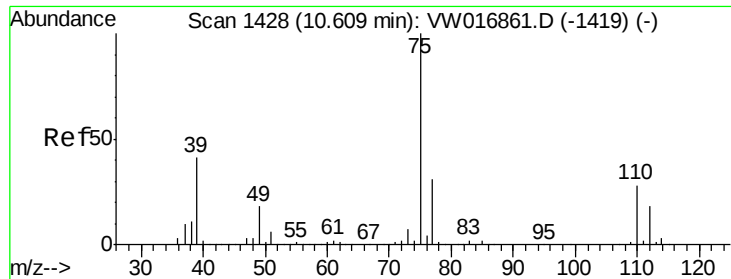
Tgt Ion: 92 Resp: 182395

Ion Ratio Lower Upper

92 100

91 169.6 134.7 202.1

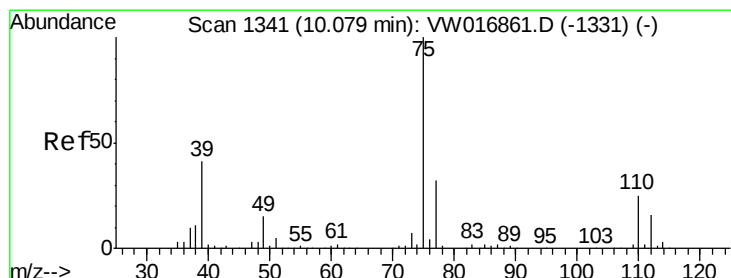
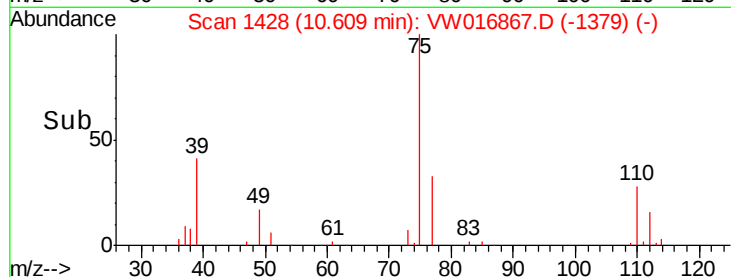
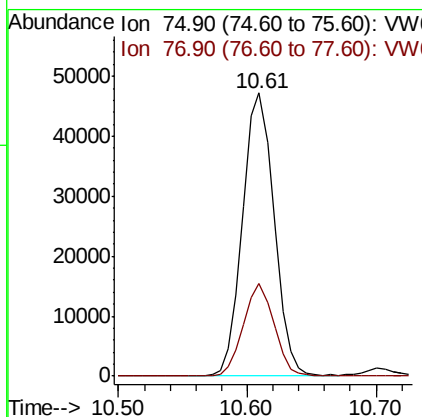
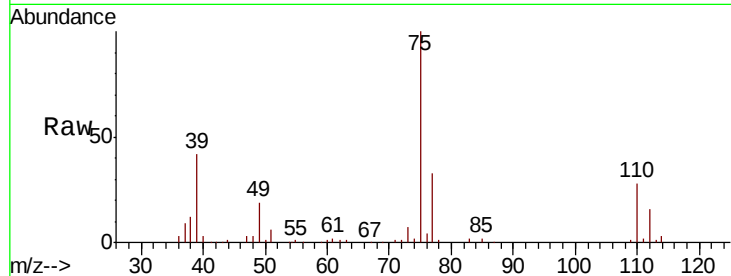




#53
 t-1,3-Dichloropropene
 Concen: 20.389 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: VW016867.D
 Acq: 09 Oct 2020 18:31

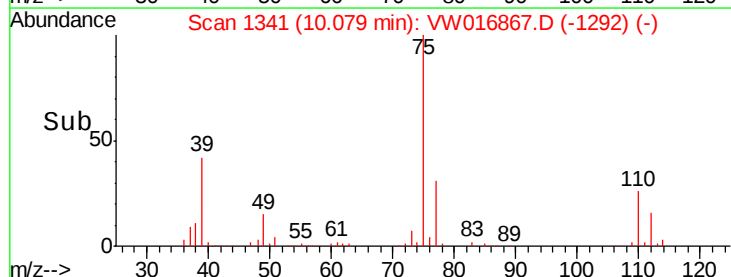
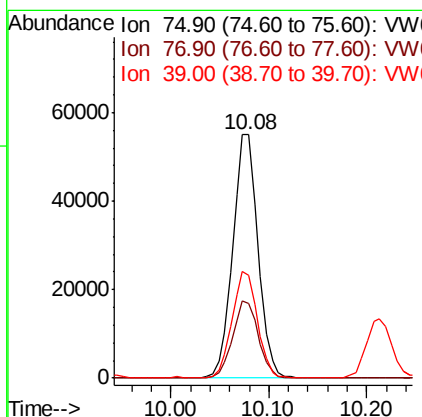
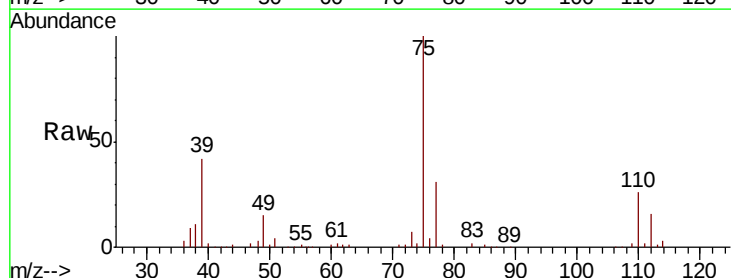
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1010SBSD01

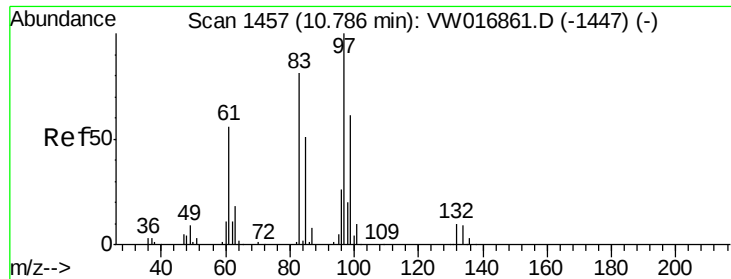
Tot Ion: 75 Resp: 80254
 Ion Ratio Lower Upper
 75 100
 77 32.8 24.8 37.2



#54
 cis-1,3-Dichloropropene
 Concen: 20.513 ug/l
 RT: 10.08 min Scan# 1341
 Delta R.T. 0.00 min
 Lab File: VW016867.D
 Acq: 09 Oct 2020 18:31

Tgt Ion: 75 Resp: 98623
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.8 38.6
 39 42.3 32.9 49.3

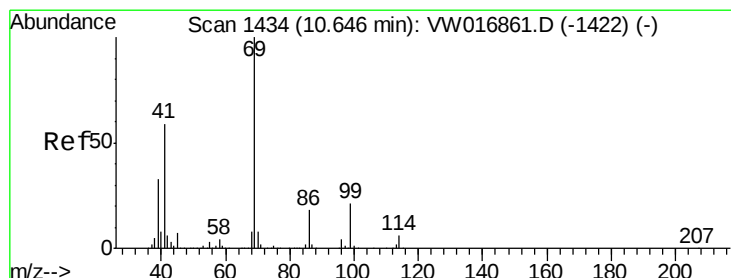
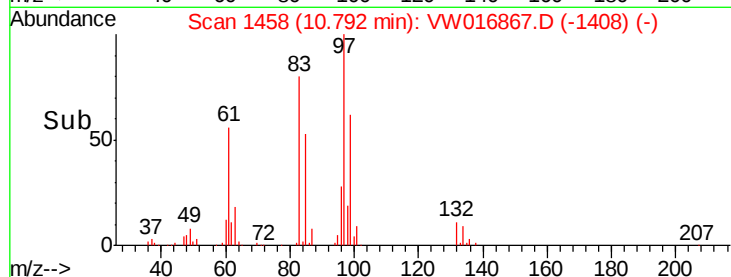
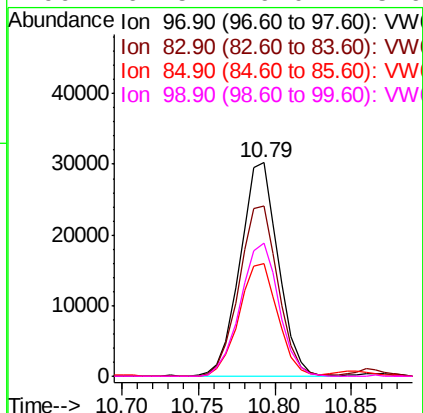
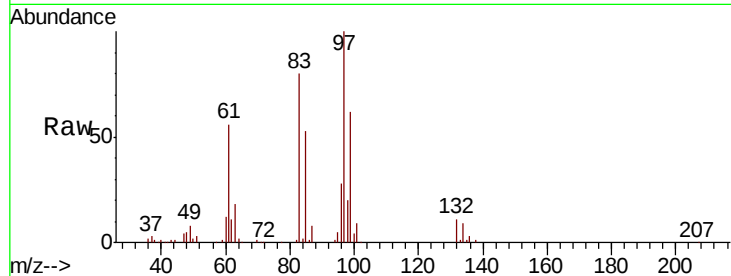




#55
 1,1,2-Trichloroethane
 Concen: 21.172 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.01 min
 Lab File: VW016867.D
 Acq: 09 Oct 2020 18:31

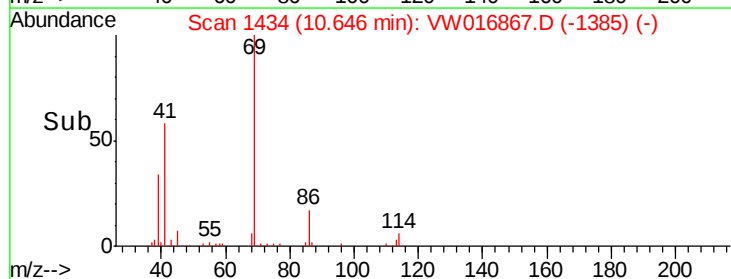
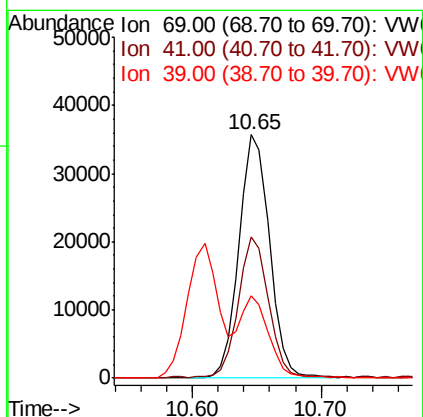
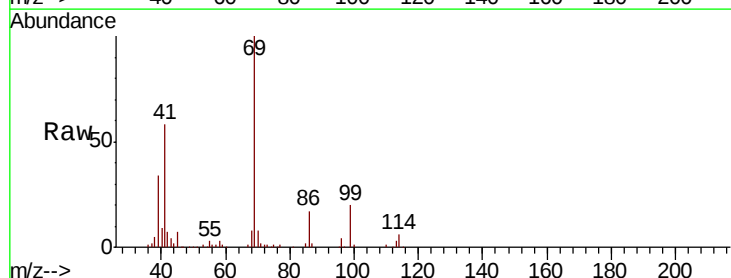
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1010SBSD01

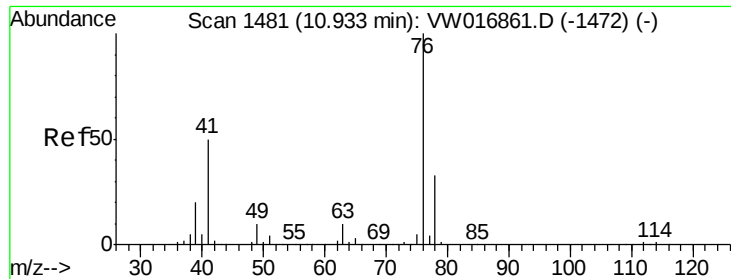
Tot Ion:	97	Resp:	52404
Ion	Ratio	Lower	Upper
97	100		
83	79.5	64.6	97.0
85	53.0	40.6	61.0
99	62.5	49.0	73.6



#56
 Ethyl methacrylate
 Concen: 21.810 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW016867.D
 Acq: 09 Oct 2020 18:31

Tgt Ion:	69	Resp:	58725
Ion	Ratio	Lower	Upper
69	100		
41	56.7	46.3	69.5
39	33.5	25.9	38.9

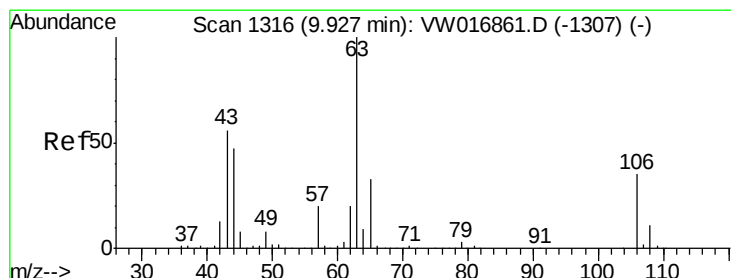
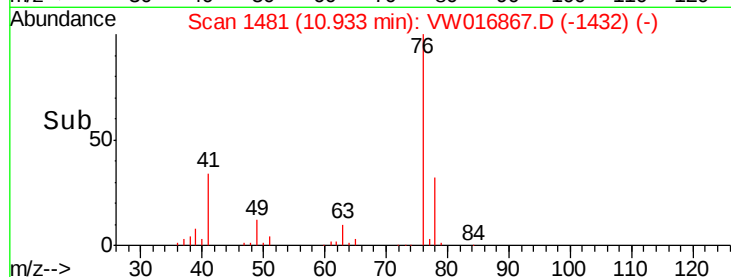
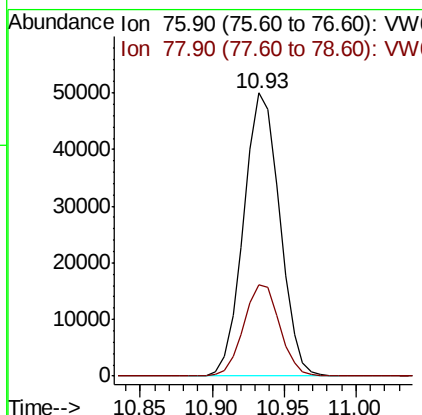
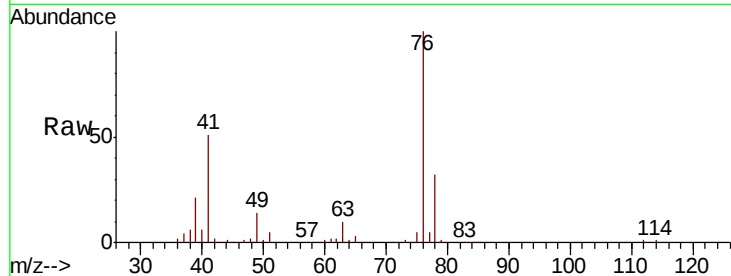




#57
 1,3-Dichloropropane
 Concen: 21.155 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW016867.D
 Acq: 09 Oct 2020 18:31

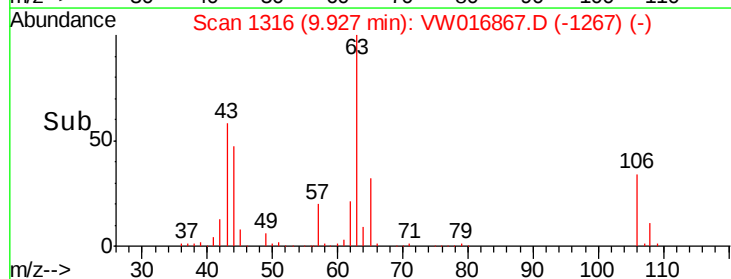
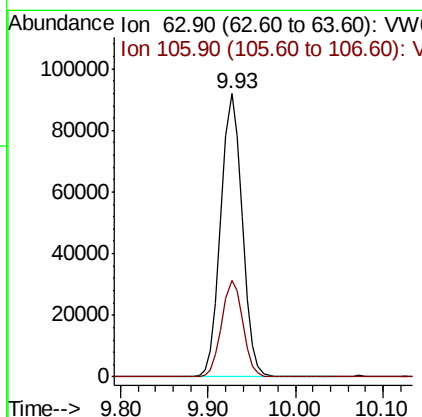
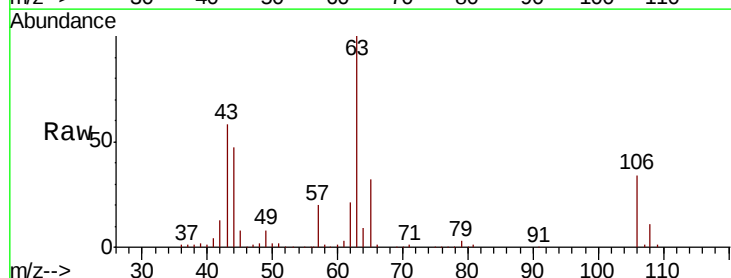
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1010SBSD01

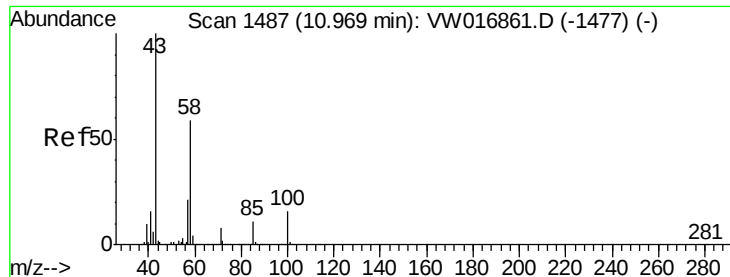
Tot Ion: 76 Resp: 86632
 Ion Ratio Lower Upper
 76 100
 78 32.2 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 104.882 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW016867.D
 Acq: 09 Oct 2020 18:31

Tgt Ion: 63 Resp: 156495
 Ion Ratio Lower Upper
 63 100
 106 33.7 27.0 40.4

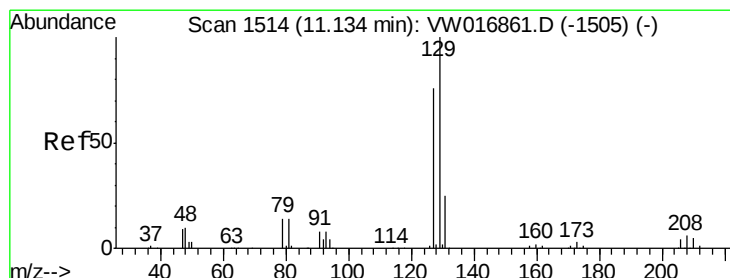
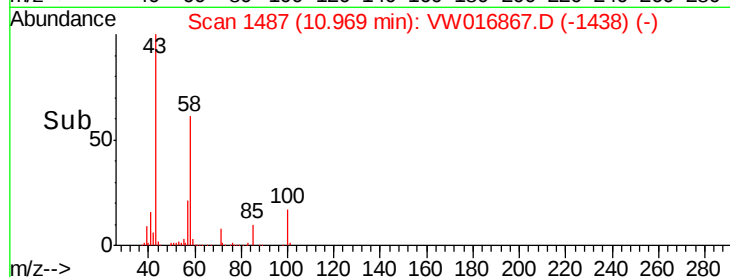
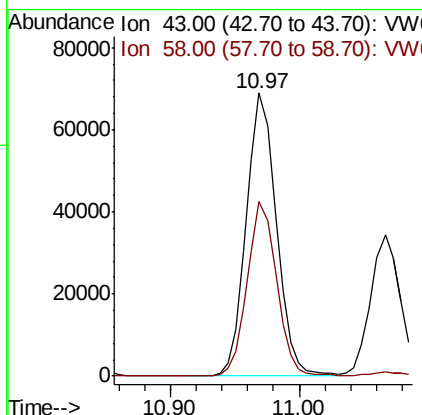
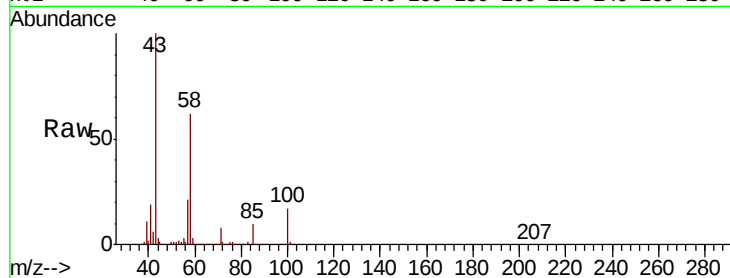




#59
2-Hexanone
Concen: 111.253 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW016867.D
Acq: 09 Oct 2020 18:31

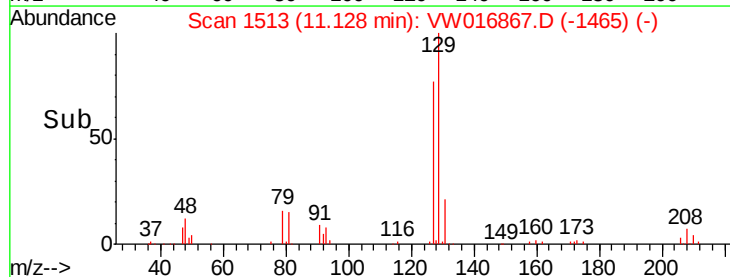
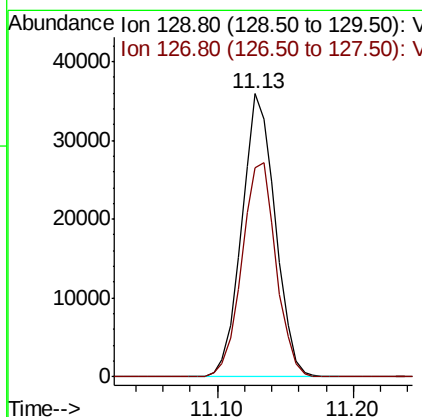
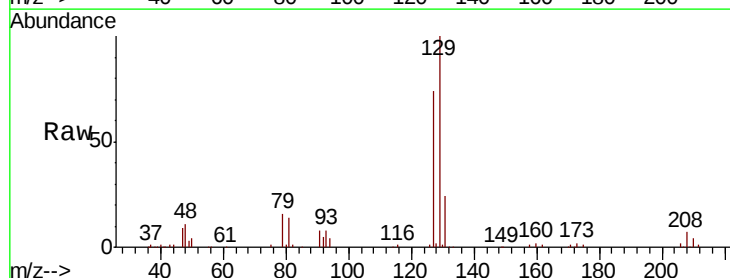
Instrument :
MSVOA_W
ClientSampleId :
VW1010SBSD01

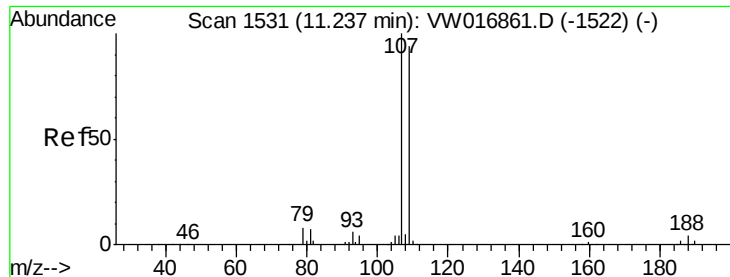
Tot Ion: 43 Resp: 111517
Ion Ratio Lower Upper
43 100
58 60.3 29.5 88.5



#60
Dibromochloromethane
Concen: 20.294 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW016867.D
Acq: 09 Oct 2020 18:31

Tgt Ion: 129 Resp: 61609
Ion Ratio Lower Upper
129 100
127 77.1 38.9 116.6

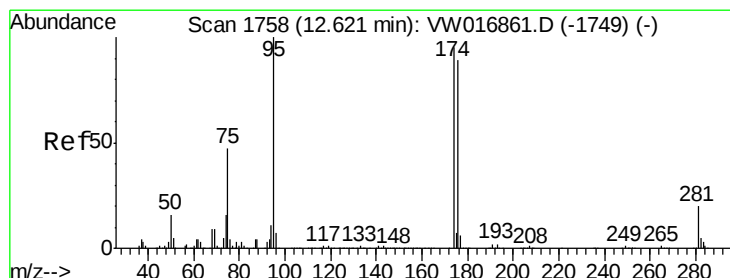
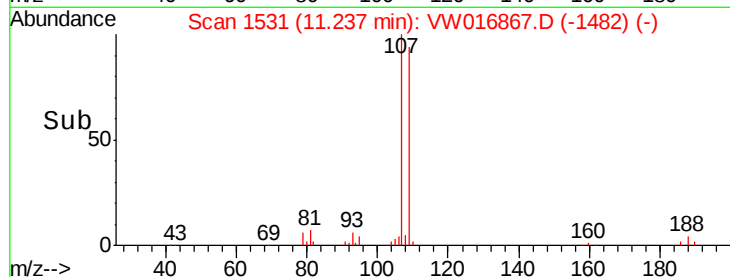
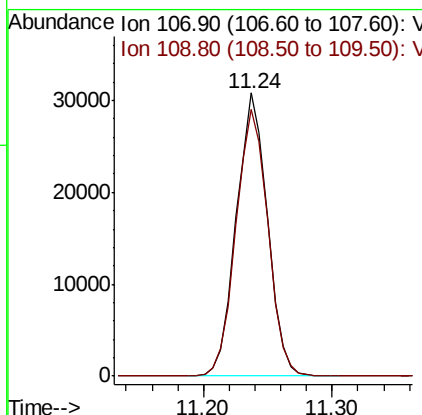
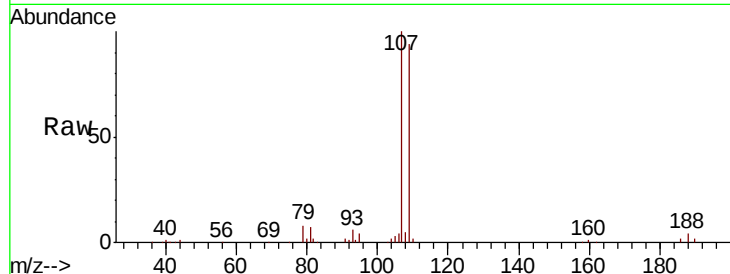




#61
 1,2-Dibromoethane
 Concen: 20.999 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW016867.D
 Acq: 09 Oct 2020 18:31

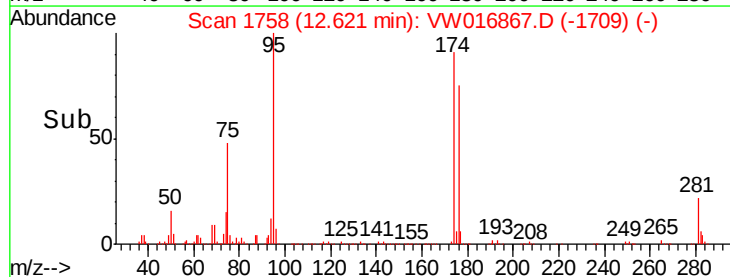
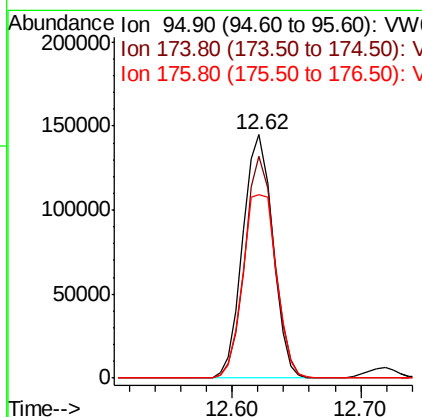
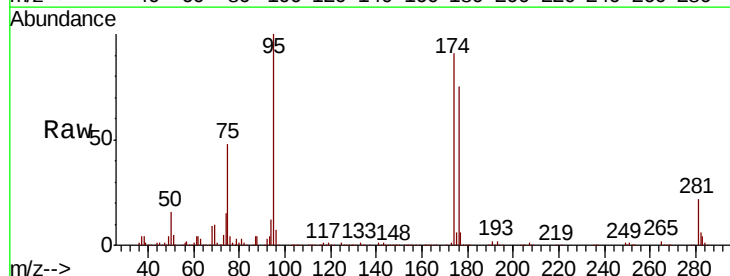
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1010SBSD01

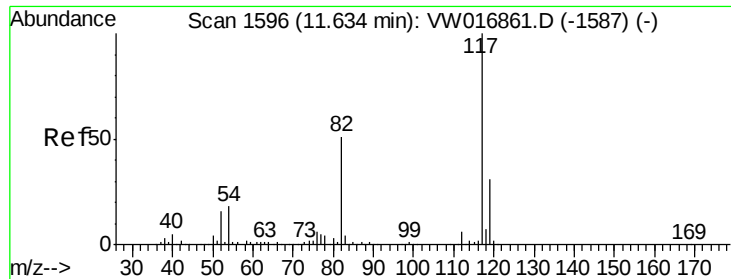
Tot Ion: 107 Resp: 51474
 Ion Ratio Lower Upper
 107 100
 109 96.8 74.7 112.1



#62
 4-Bromofluorobenzene
 Concen: 53.219 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW016867.D
 Acq: 09 Oct 2020 18:31

Tgt Ion: 95 Resp: 233425
 Ion Ratio Lower Upper
 95 100
 174 89.6 0.0 180.6
 176 84.4 0.0 177.6

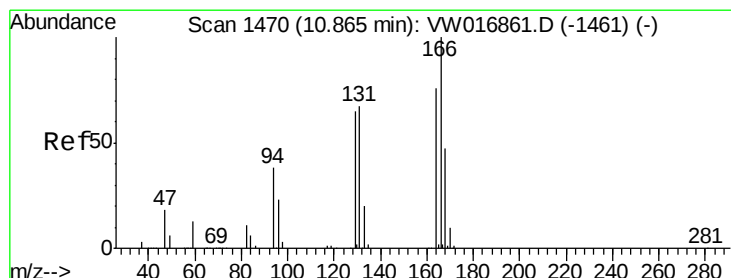
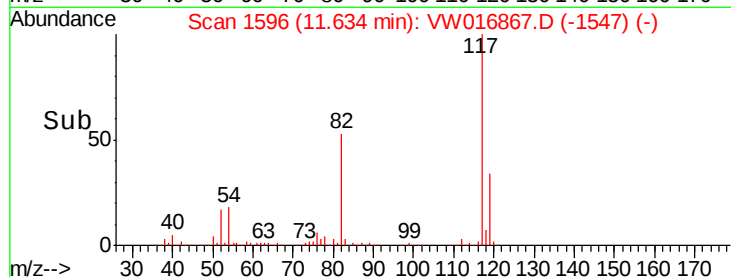
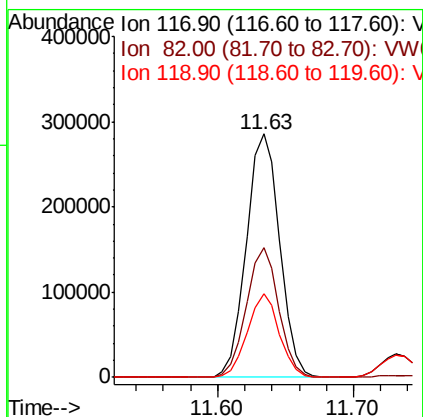
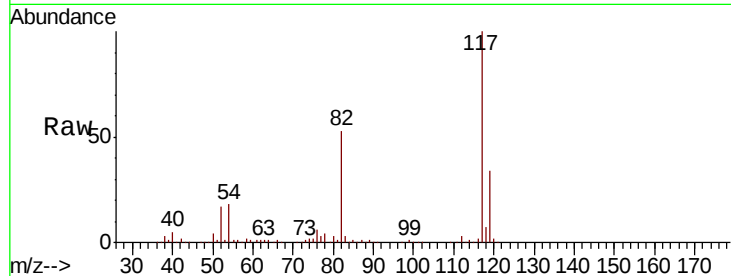




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW016867.D
Acq: 09 Oct 2020 18:31

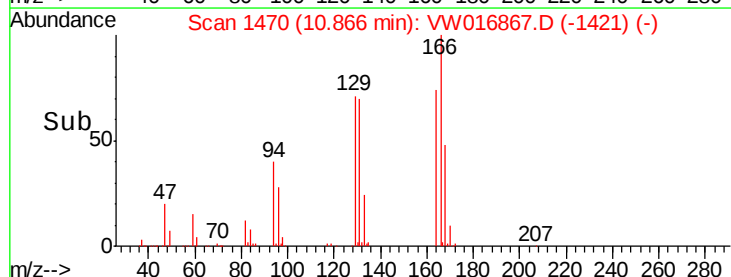
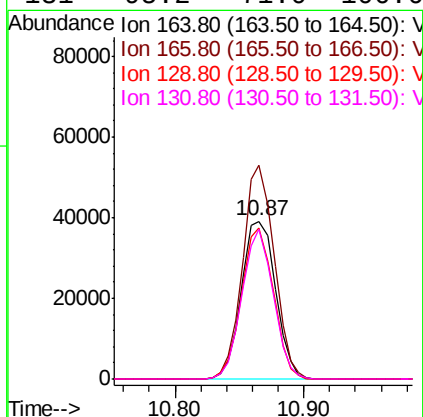
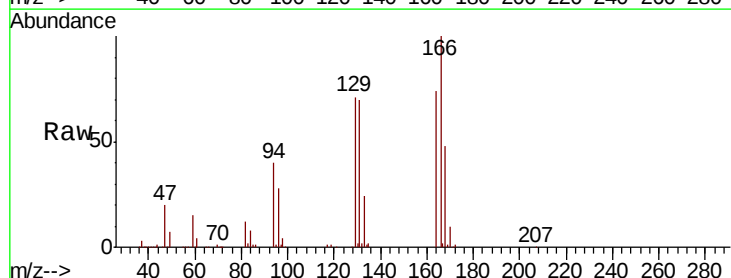
Instrument :
MSVOA_W
ClientSampleId :
VW1010SBSD01

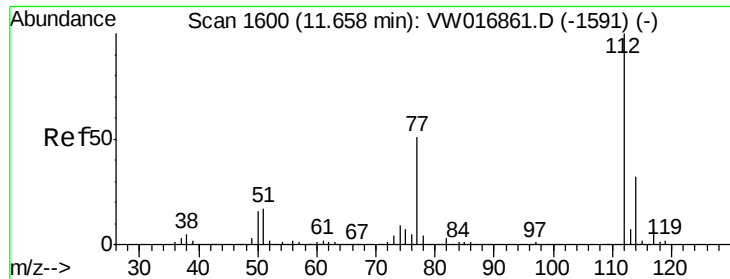
Tot Ion:117 Resp: 491270
Ion Ratio Lower Upper
117 100
82 53.4 40.7 61.1
119 34.1 25.0 37.4



#64
Tetrachloroethene
Concen: 20.510 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW016867.D
Acq: 09 Oct 2020 18:31

Tgt Ion:164 Resp: 71788
Ion Ratio Lower Upper
164 100
166 135.3 105.3 157.9
129 95.6 68.8 103.2
131 95.2 71.0 106.6

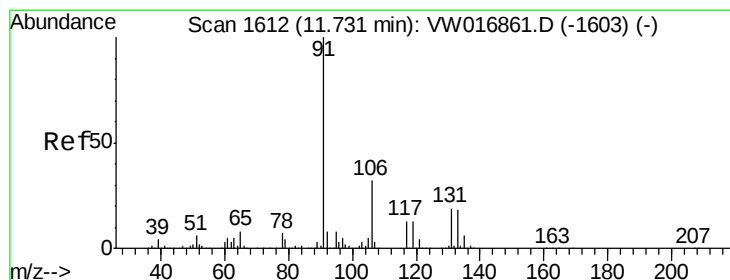
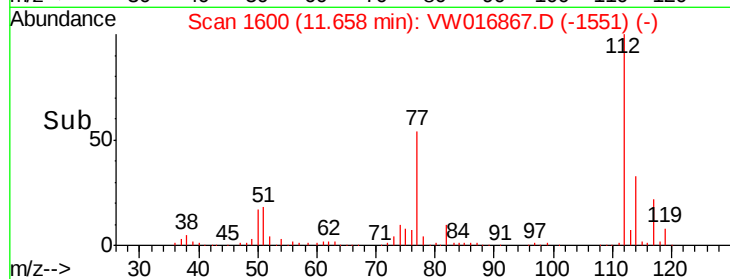
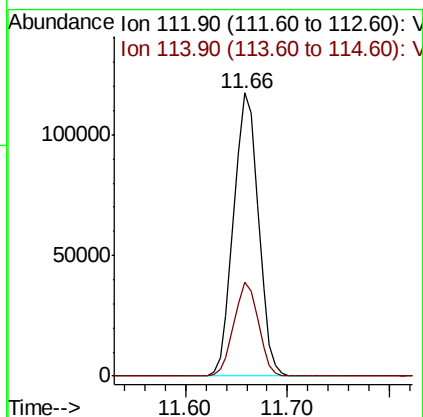
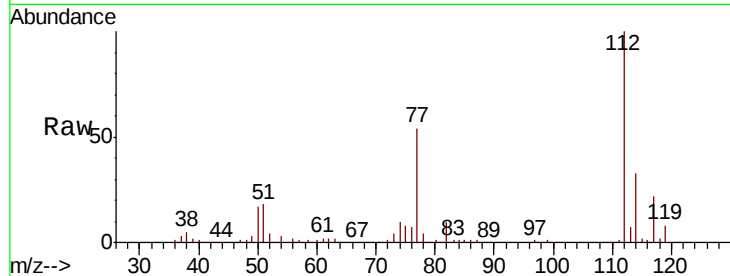




#65
Chlorobenzene
Concen: 20.473 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW016867.D
Acq: 09 Oct 2020 18:31

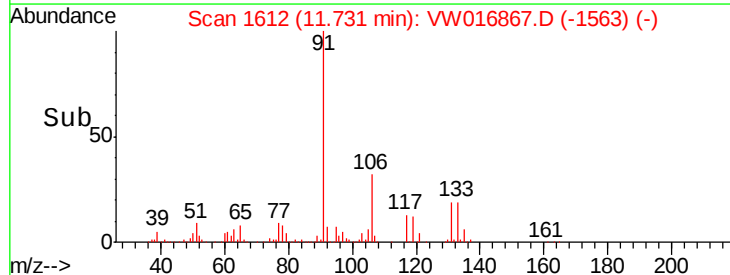
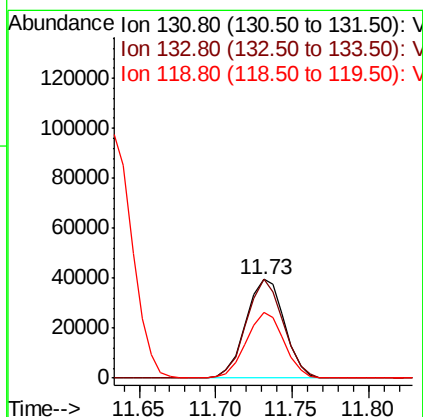
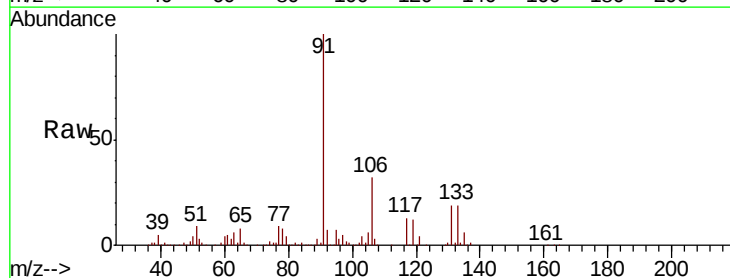
Instrument :
MSVOA_W
ClientSampleId :
VW1010SBSD01

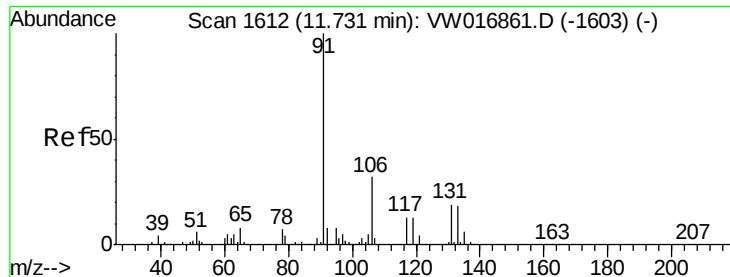
Tot Ion:112 Resp: 197278
Ion Ratio Lower Upper
112 100
114 33.4 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 20.329 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW016867.D
Acq: 09 Oct 2020 18:31

Tgt Ion:131 Resp: 69274
Ion Ratio Lower Upper
131 100
133 96.6 48.1 144.3
119 65.0 32.5 97.4

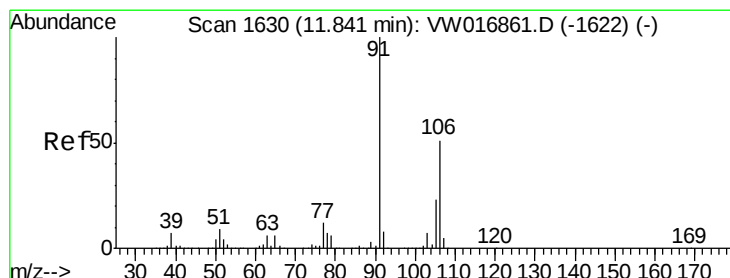
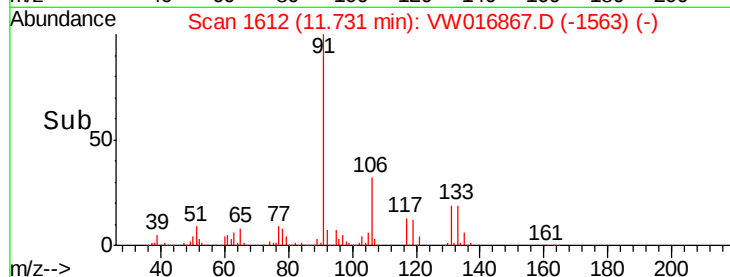
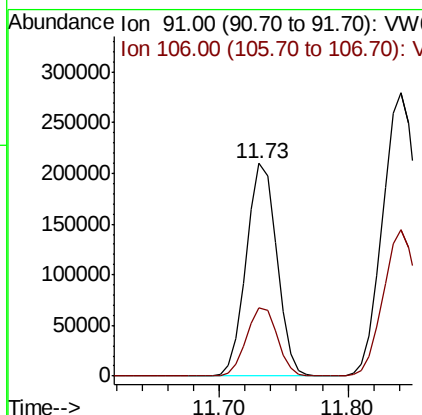
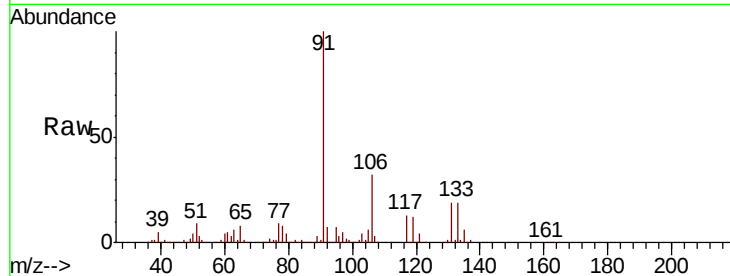




#67
Ethyl Benzene
Concen: 20.465 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW016867.D
Acq: 09 Oct 2020 18:31

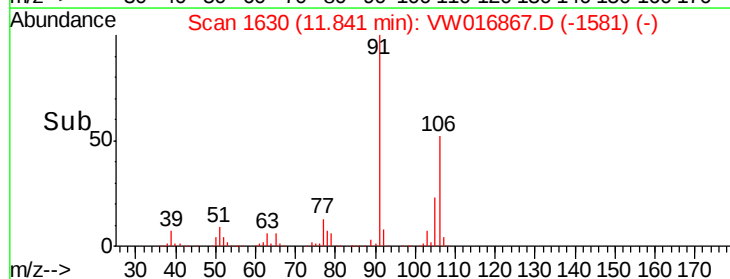
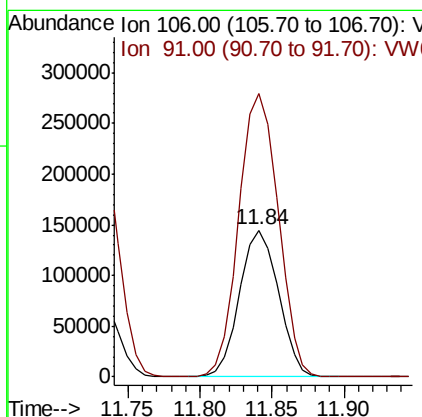
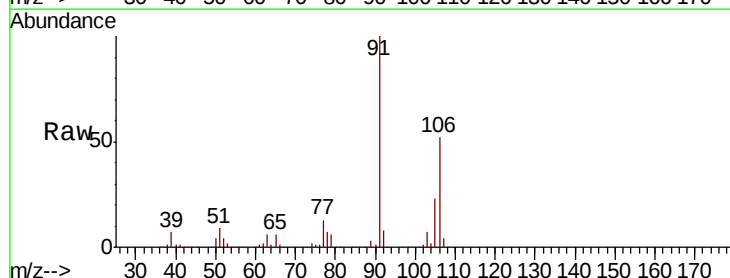
Instrument :
MSVOA_W
ClientSampleId :
VW1010SBSD01

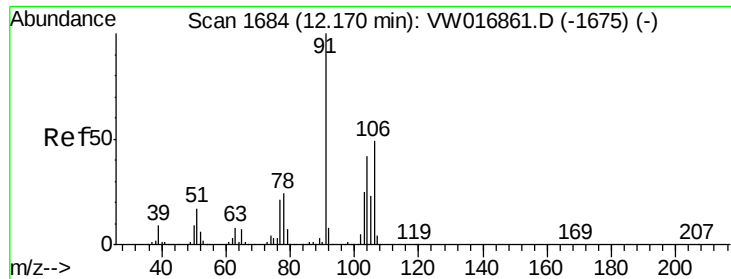
Tot Ion: 91 Resp: 343635
Ion Ratio Lower Upper
91 100
106 32.0 25.9 38.9



#68
m/p-Xylenes
Concen: 41.589 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW016867.D
Acq: 09 Oct 2020 18:31

Tgt Ion: 106 Resp: 271597
Ion Ratio Lower Upper
106 100
91 196.2 157.4 236.0

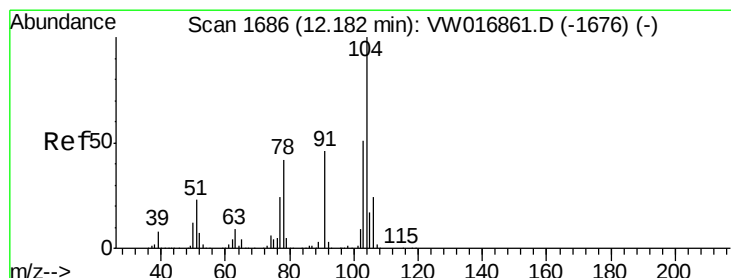
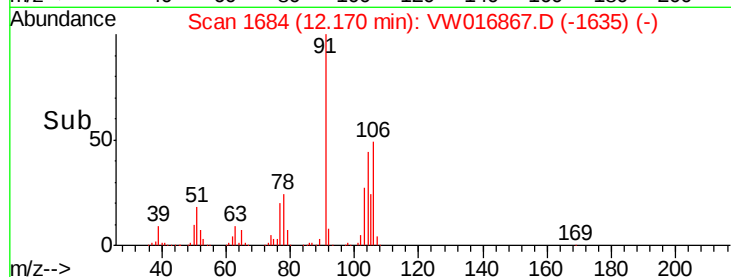
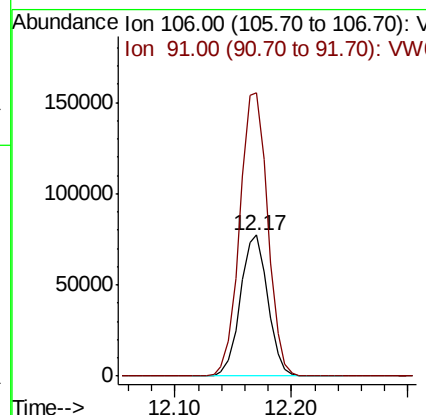
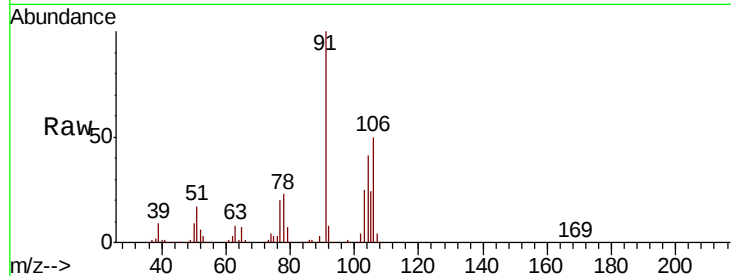




#69
o-Xylene
Concen: 21.130 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW016867.D
Acq: 09 Oct 2020 18:31

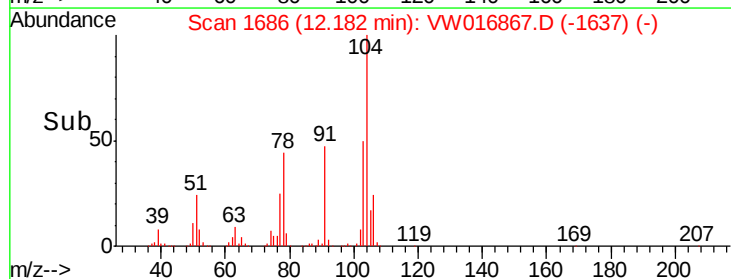
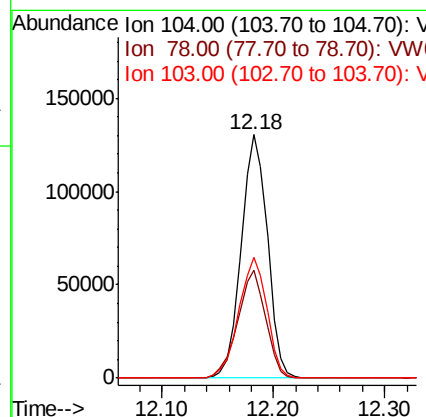
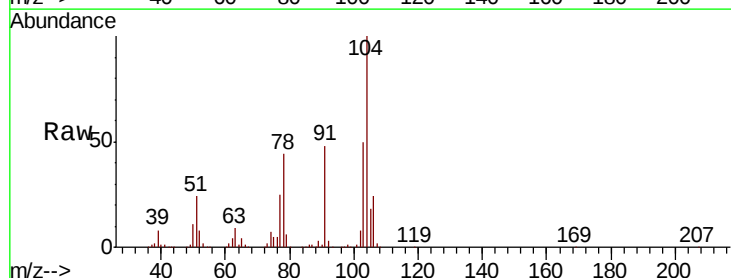
Instrument :
MSVOA_W
ClientSampleId :
VW1010SBSD01

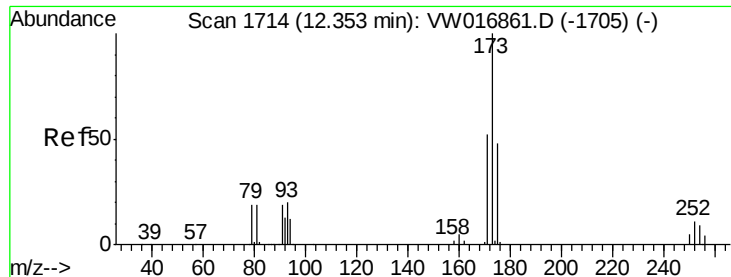
Tot Ion:106 Resp: 126632
Ion Ratio Lower Upper
106 100
91 205.9 103.6 310.9



#70
Styrene
Concen: 21.291 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW016867.D
Acq: 09 Oct 2020 18:31

Tgt Ion:104 Resp: 212360
Ion Ratio Lower Upper
104 100
78 47.2 37.6 56.4
103 53.4 43.6 65.4





#71

Bromoform

Concen: 20.545 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW016867.D

Acq: 09 Oct 2020 18:31

Instrument :

MSVOA_W

ClientSampleId :

VW1010SBSD01

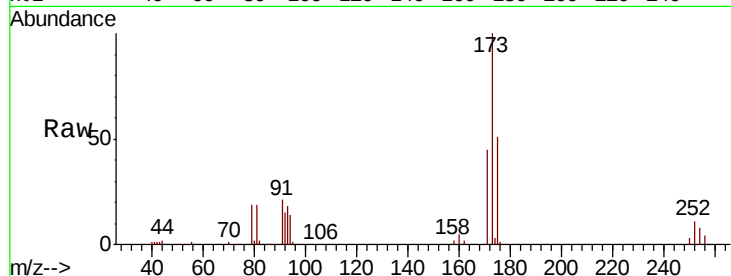
Tot Ion:173 Resp: 35148

Ion Ratio Lower Upper

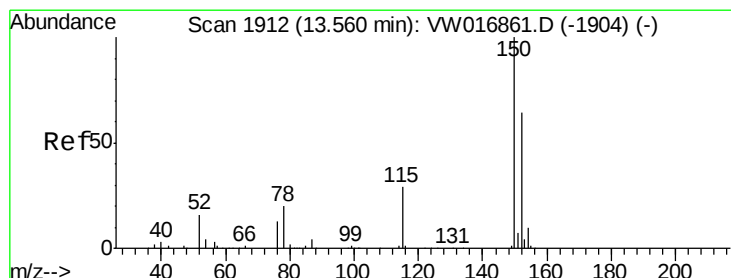
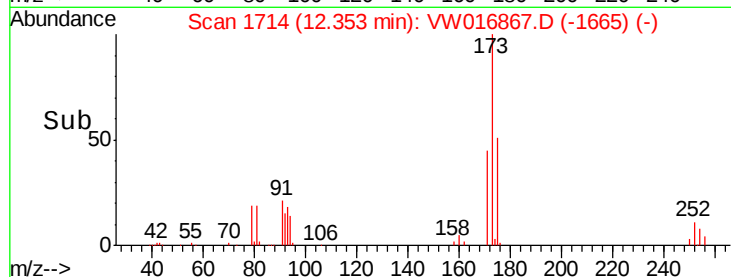
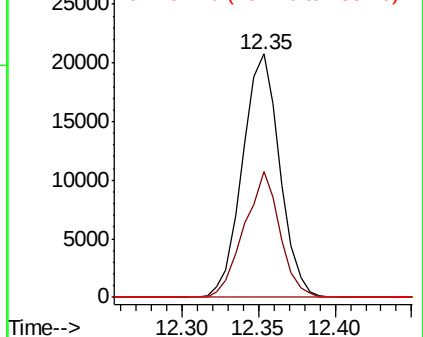
173 100

175 49.3 24.7 74.1

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW016867.D

Acq: 09 Oct 2020 18:31

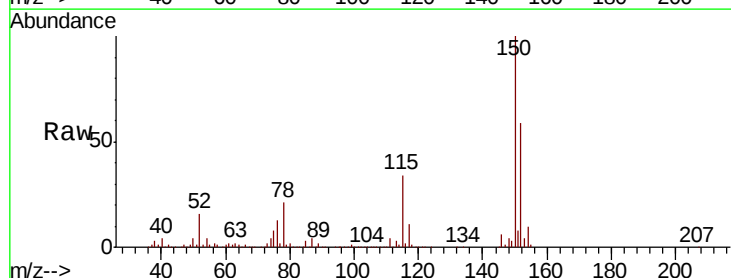
Tgt Ion:152 Resp: 252940

Ion Ratio Lower Upper

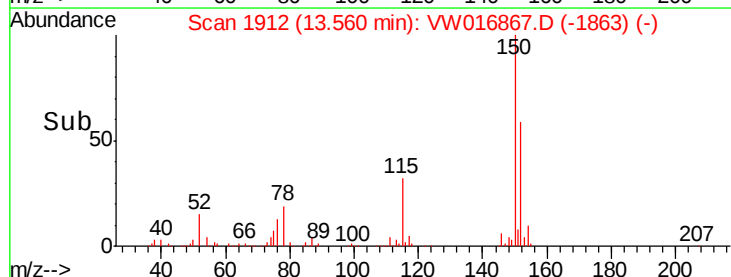
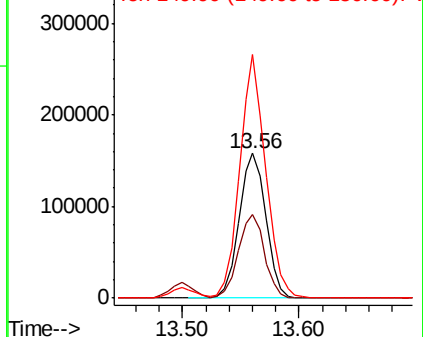
152 100

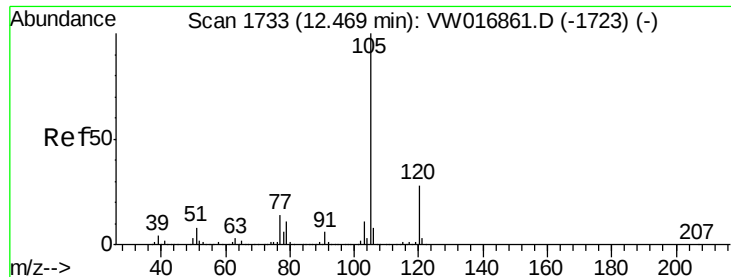
115 56.2 27.9 83.7

150 162.1 0.0 344.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.732 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW016867.D

Acq: 09 Oct 2020 18:31

Instrument :

MSVOA_W

ClientSampleId :

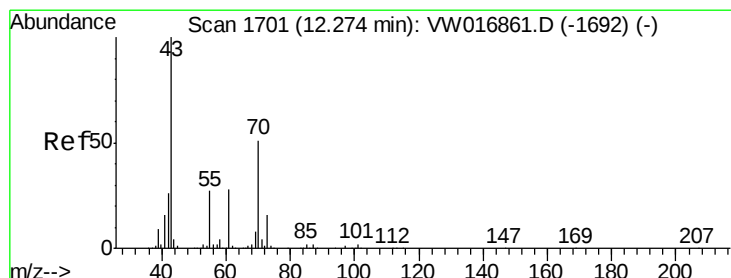
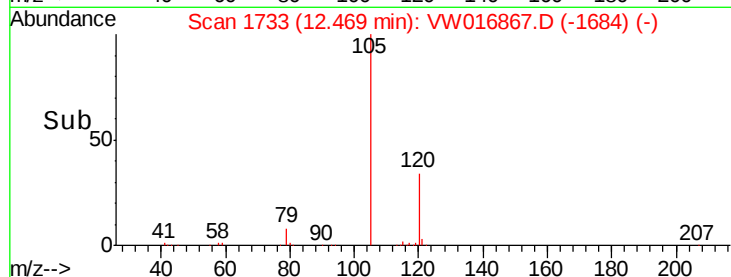
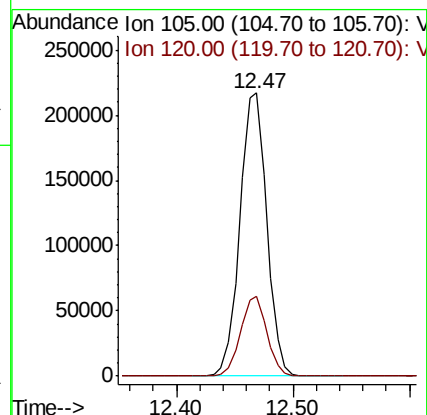
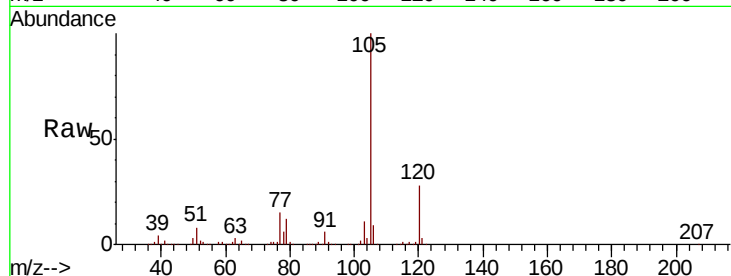
VW1010SBSD01

Tot Ion:105 Resp: 348555

Ion Ratio Lower Upper

105 100

120 27.6 13.6 40.7



#74

N-ethyl acetate

Concen: 21.215 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW016867.D

Acq: 09 Oct 2020 18:31

Tgt Ion: 43 Resp: 57291

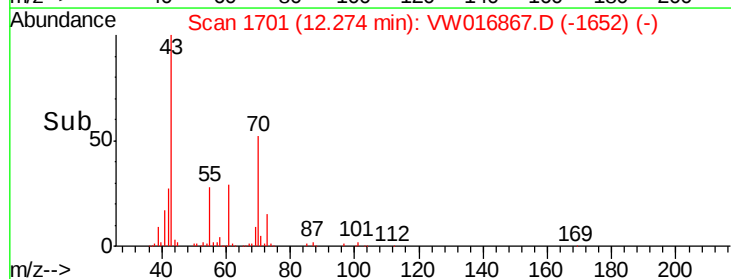
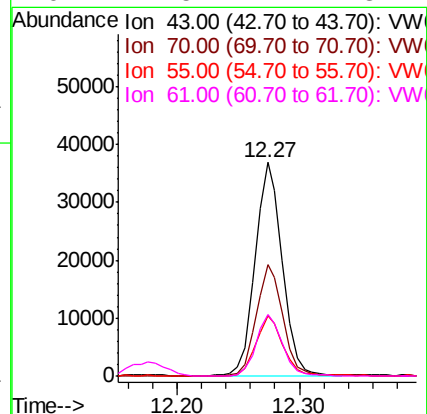
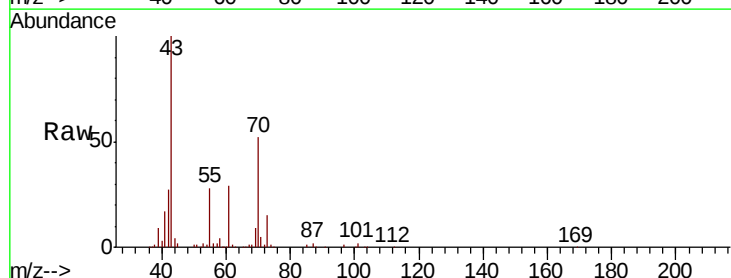
Ion Ratio Lower Upper

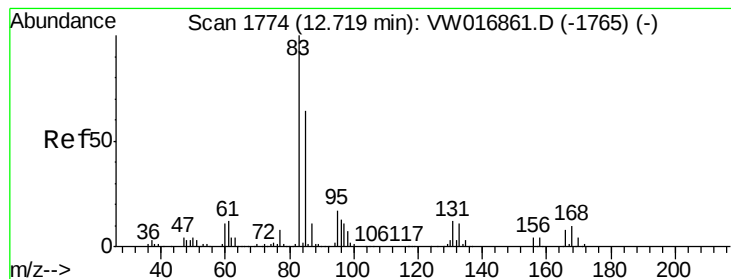
43 100

70 50.9 40.2 60.4

55 27.7 21.4 32.0

61 27.5 21.4 32.2





#75

1,1,2,2-Tetrachloroethane

Concen: 21.745 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW016867.D

Acq: 09 Oct 2020 18:31

Instrument :

MSVOA_W

ClientSampleId :

VW1010SBSD01

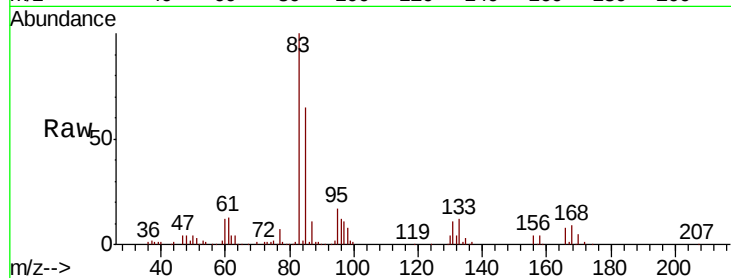
Tot Ion: 83 Resp: 57361

Ion Ratio Lower Upper

83 100

131 12.5 6.1 18.3

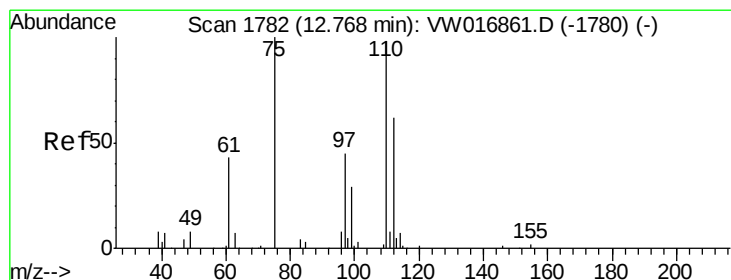
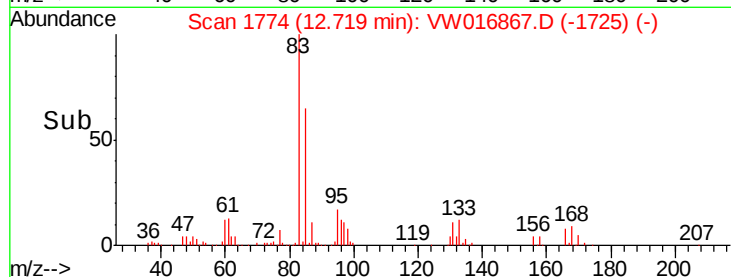
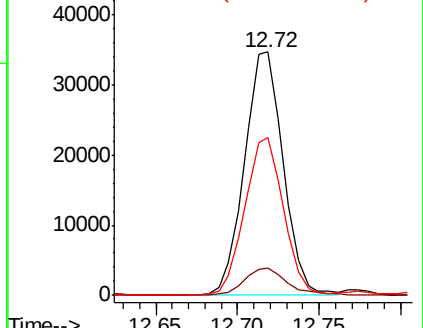
85 64.9 32.7 98.1



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: 37.073 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW016867.D

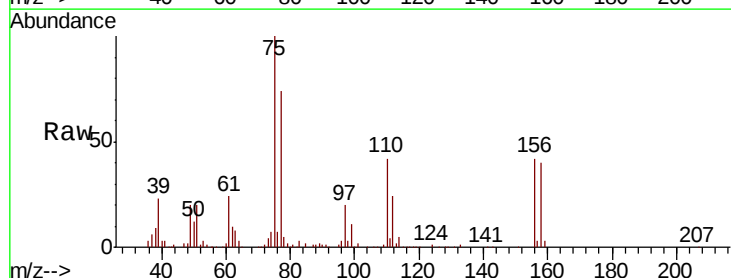
Acq: 09 Oct 2020 18:31

Tgt Ion: 75 Resp: 69969

Ion Ratio Lower Upper

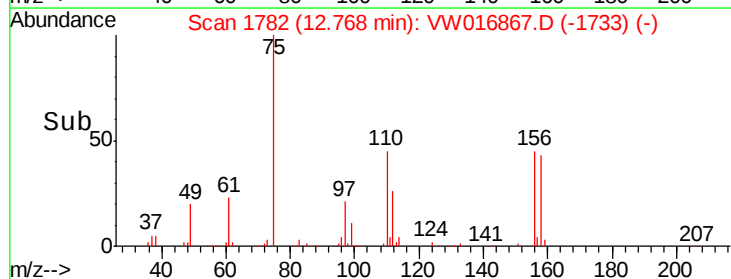
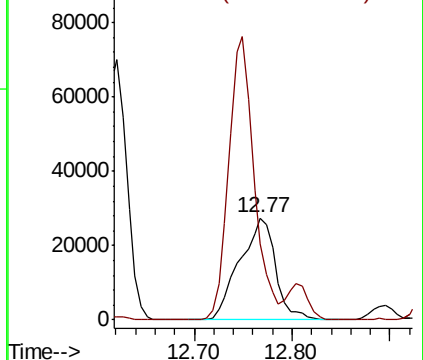
75 100

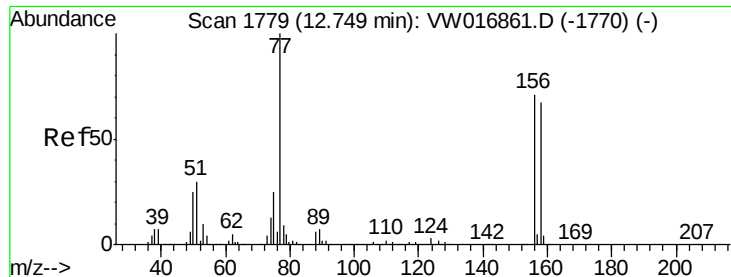
77 196.4 178.8 536.3



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 20.530 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW016867.D

Acq: 09 Oct 2020 18:31

Instrument :

MSVOA_W

ClientSampleId :

VW1010SBSD01

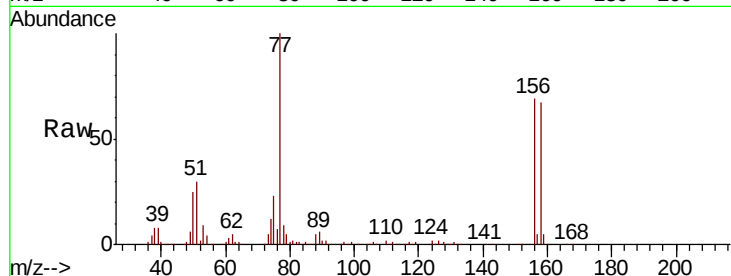
Tot Ion:156 Resp: 85320

Ion Ratio Lower Upper

156 100

77 161.1 79.0 237.2

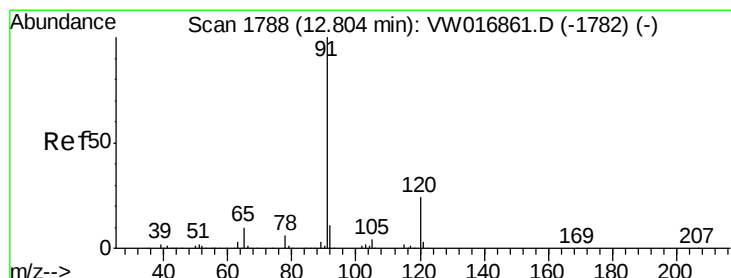
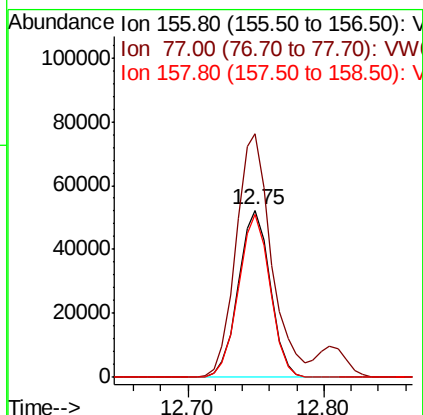
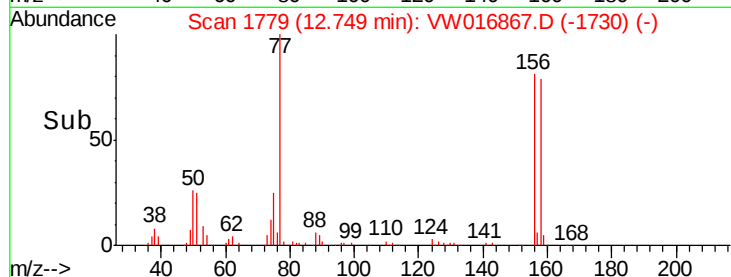
158 96.8 47.0 141.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.656 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW016867.D

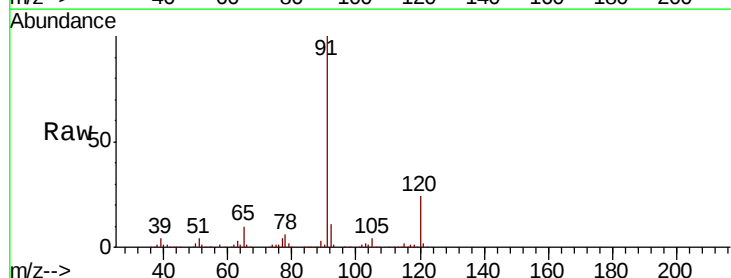
Acq: 09 Oct 2020 18:31

Tgt Ion: 91 Resp: 400482

Ion Ratio Lower Upper

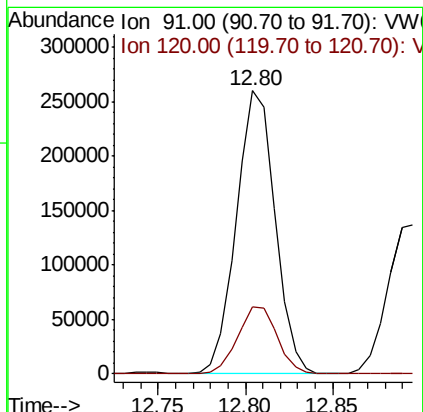
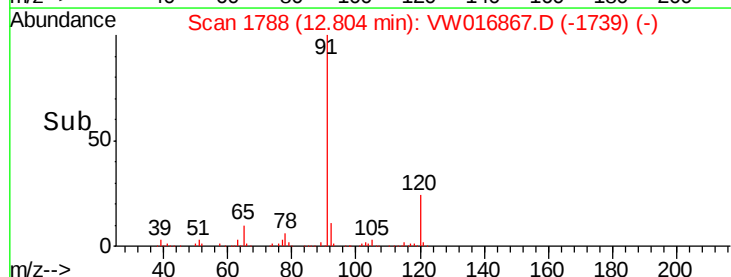
91 100

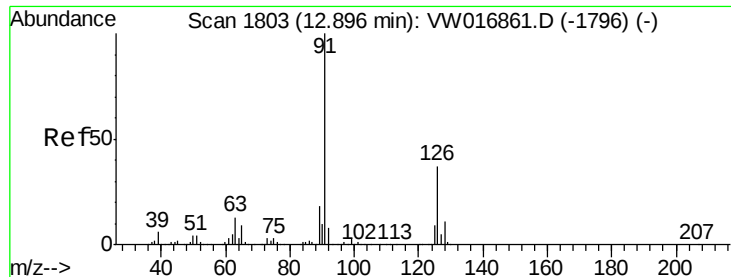
120 24.3 12.0 36.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

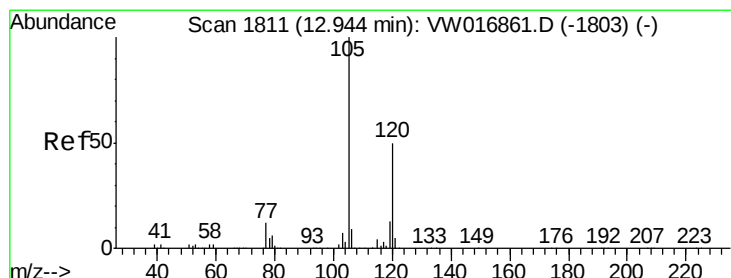
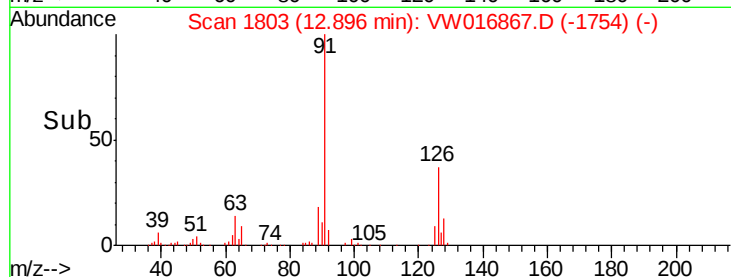
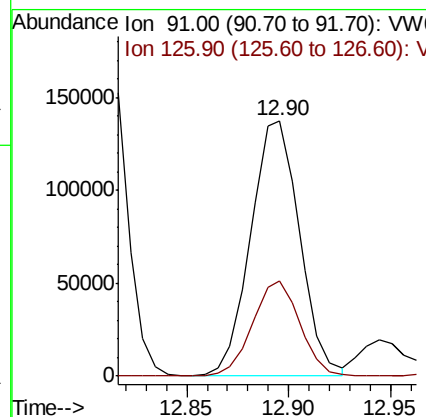
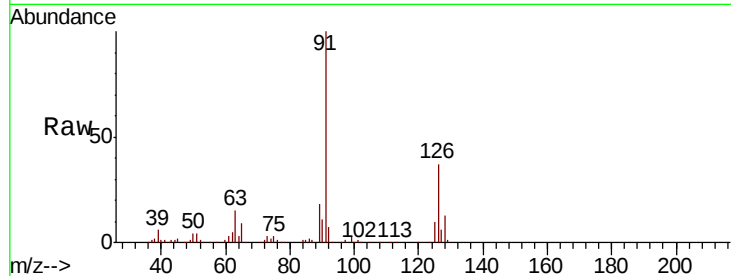




#79
2-Chlorotoluene
Concen: 20.739 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VW016867.D
Acq: 09 Oct 2020 18:31

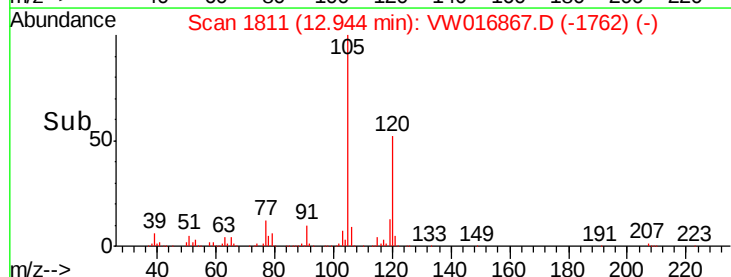
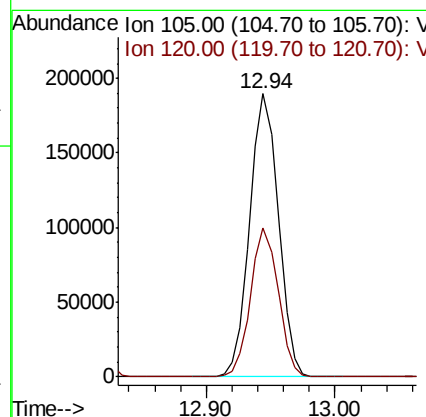
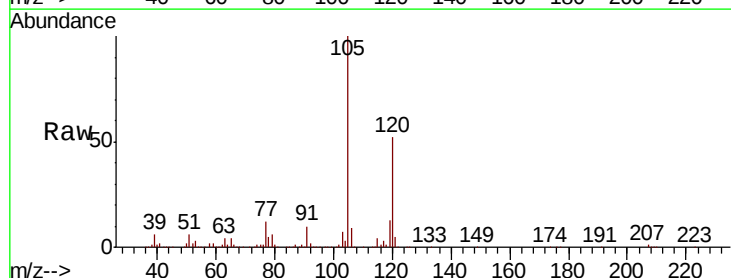
Instrument :
MSVOA_W
ClientSampleId :
VW1010SBSD01

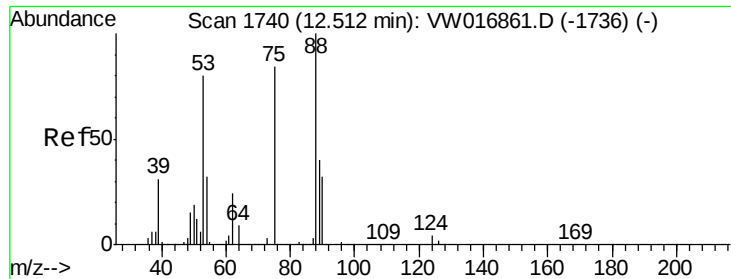
Tot Ion: 91 Resp: 229377
Ion Ratio Lower Upper
91 100
126 36.1 17.9 53.8



#80
1,3,5-Trimethylbenzene
Concen: 20.593 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW016867.D
Acq: 09 Oct 2020 18:31

Tgt Ion: 105 Resp: 290143
Ion Ratio Lower Upper
105 100
120 51.2 24.9 74.8

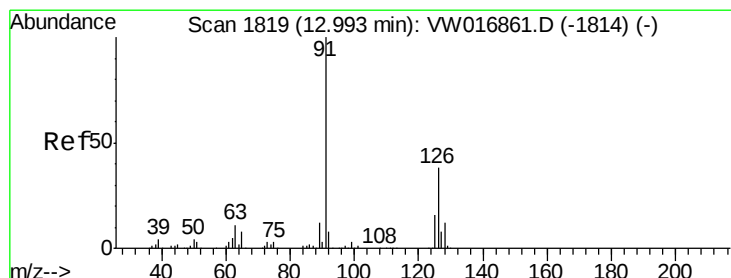
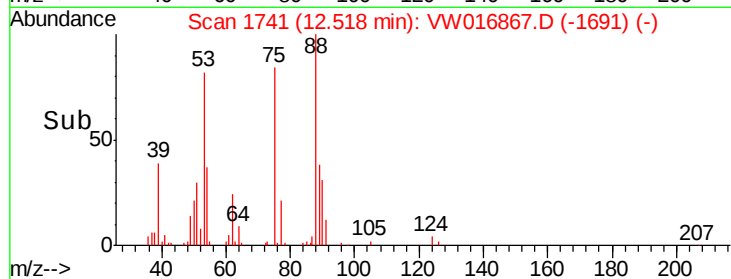
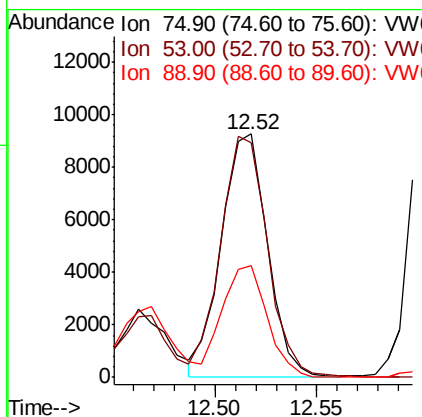
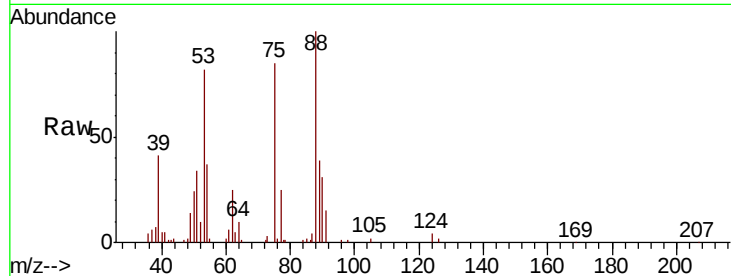




#81
trans-1,4-Dichloro-2-butene
Concen: 20.760 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.01 min
Lab File: VW016867.D
Acq: 09 Oct 2020 18:31

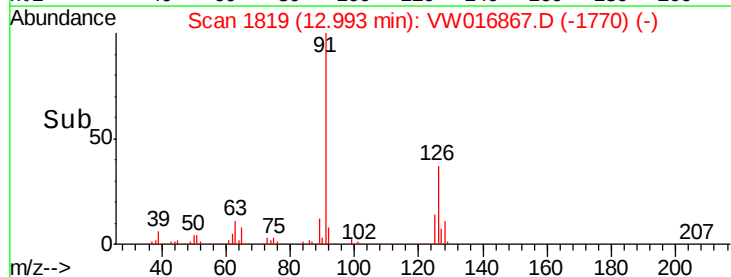
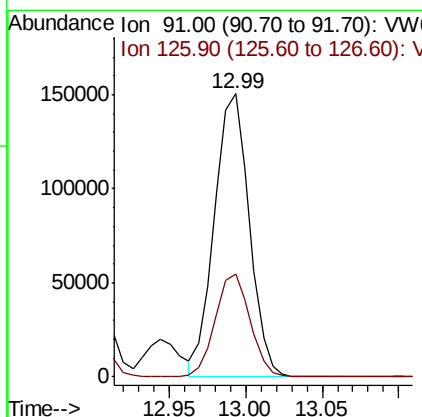
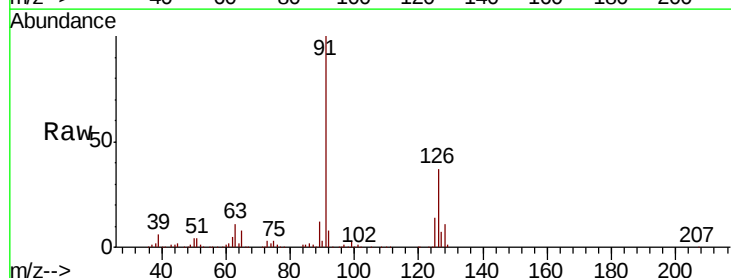
Instrument :
MSVOA_W
ClientSampleId :
VW1010SBSD01

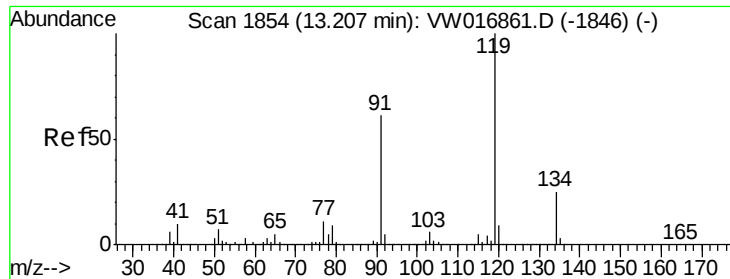
Tot Ion: 75 Resp: 14577
Ion Ratio Lower Upper
75 100
53 100.9 77.0 115.4
89 44.5 38.7 58.1



#82
4-Chlorotoluene
Concen: 20.847 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW016867.D
Acq: 09 Oct 2020 18:31

Tgt Ion: 91 Resp: 238022
Ion Ratio Lower Upper
91 100
126 36.6 18.1 54.3

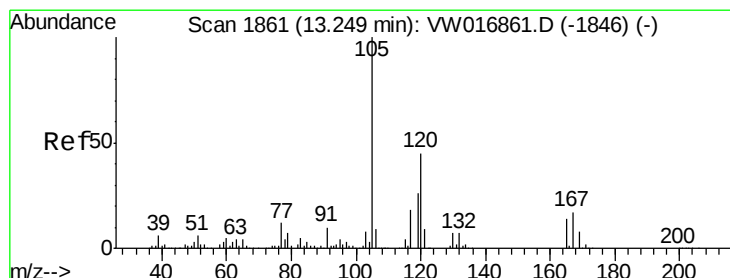
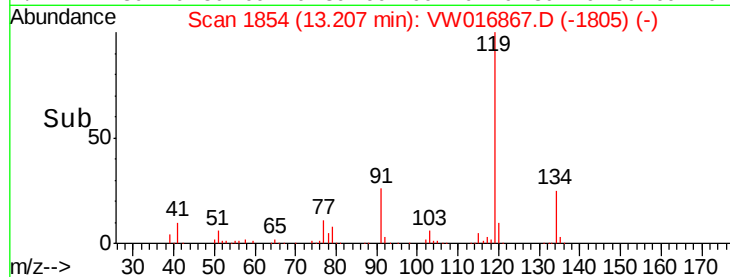
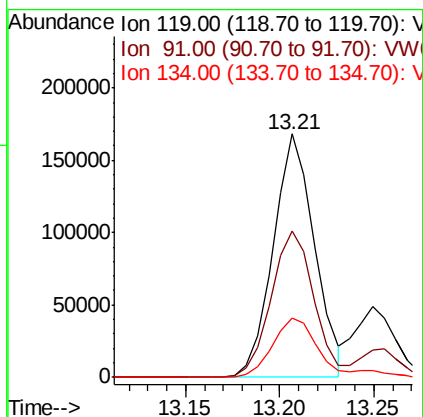
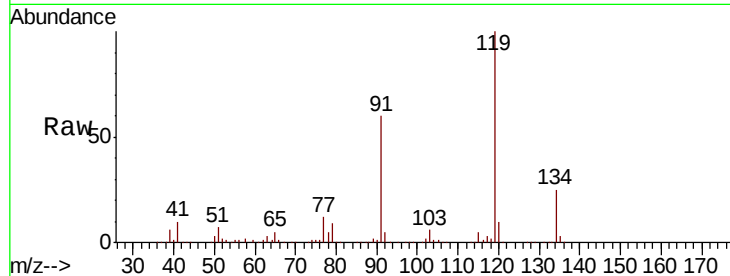




#83
tert-Butylbenzene
Concen: 20.895 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW016867.D
Acq: 09 Oct 2020 18:31

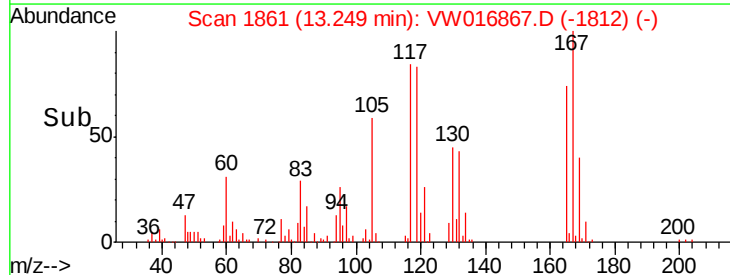
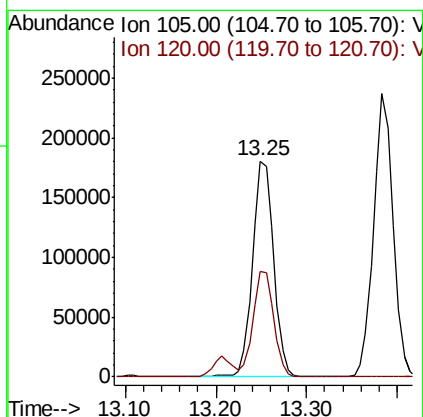
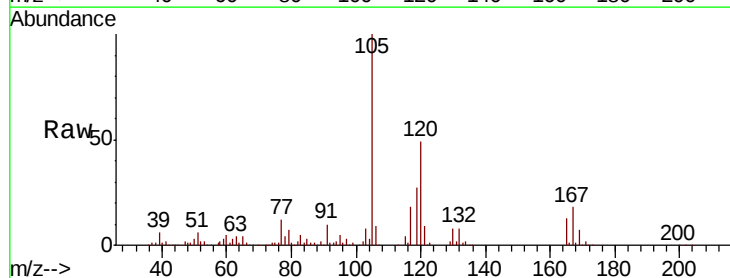
Instrument :
MSVOA_W
ClientSampleId :
VW1010SBSD01

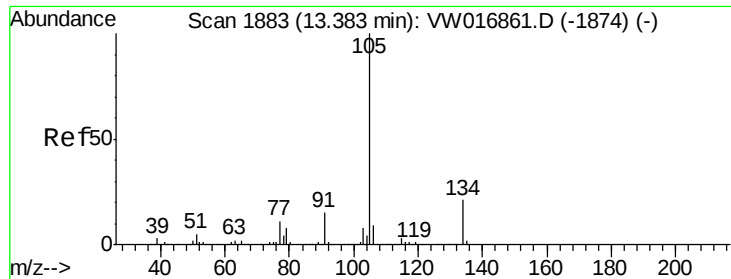
Tot Ion:119 Resp: 255687
Ion Ratio Lower Upper
119 100
91 62.8 31.3 93.9
134 25.8 14.0 42.0



#84
1,2,4-Trimethylbenzene
Concen: 20.734 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW016867.D
Acq: 09 Oct 2020 18:31

Tgt Ion:105 Resp: 291089
Ion Ratio Lower Upper
105 100
120 47.7 23.4 70.0





#85

sec-Butylbenzene

Concen: 20.669 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW016867.D

Acq: 09 Oct 2020 18:31

Instrument :

MSVOA_W

ClientSampleId :

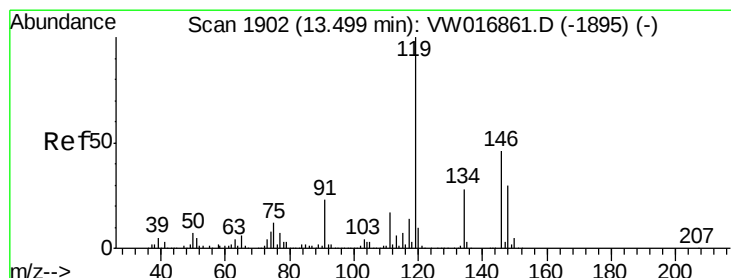
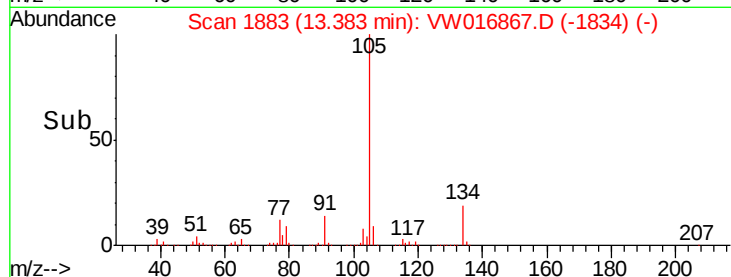
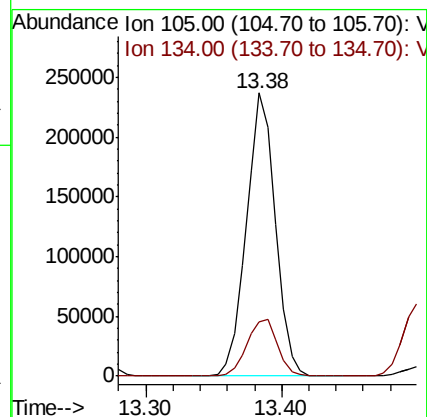
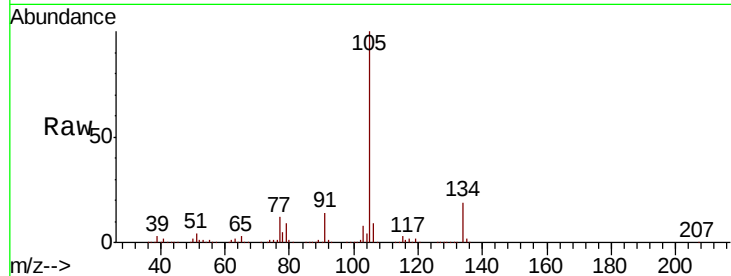
VW1010SBSD01

Tot Ion:105 Resp: 352054

Ion Ratio Lower Upper

105 100

134 21.3 10.6 31.8



#86

p-Isopropyltoluene

Concen: 20.422 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW016867.D

Acq: 09 Oct 2020 18:31

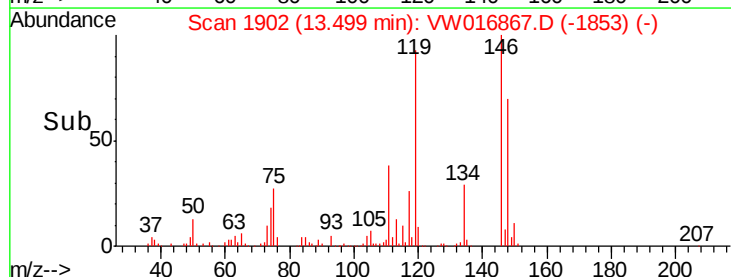
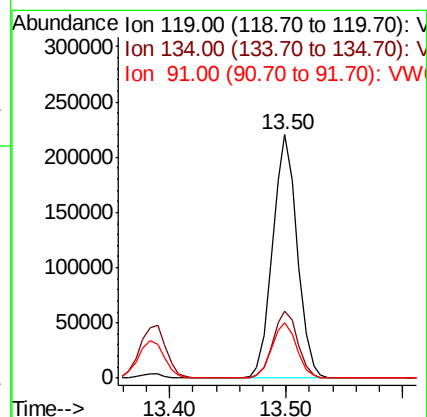
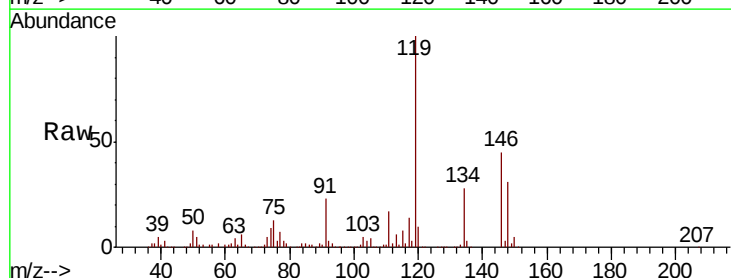
Tgt Ion:119 Resp: 323908

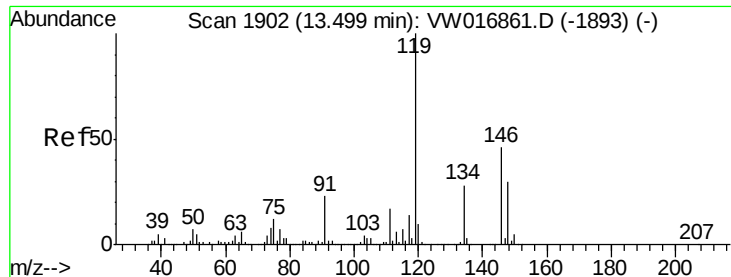
Ion Ratio Lower Upper

119 100

134 28.0 13.8 41.3

91 22.7 11.3 33.9

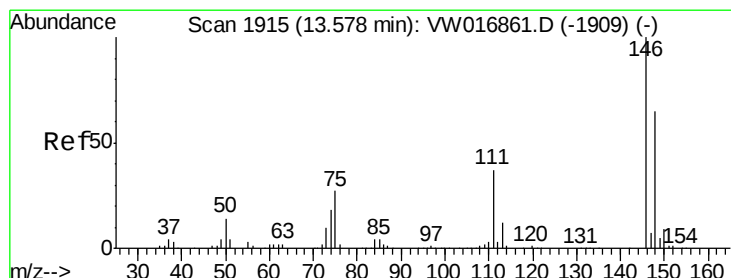
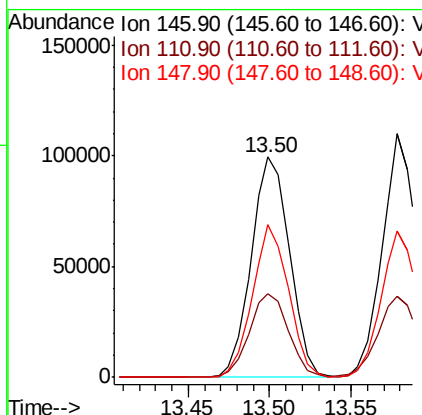
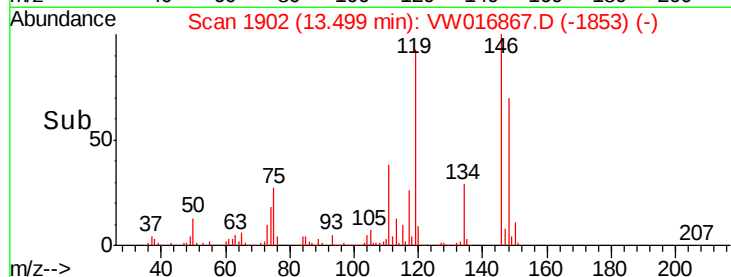
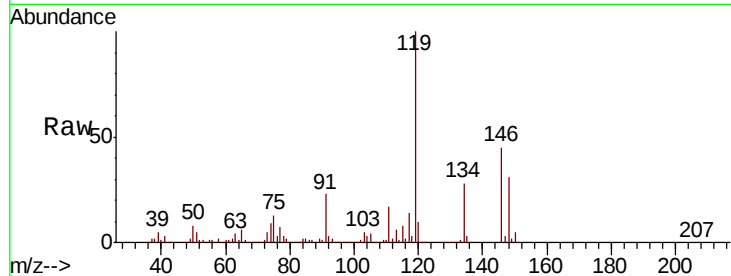




#87
 1,3-Dichlorobenzene
 Concen: 20.252 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW016867.D
 Acq: 09 Oct 2020 18:31

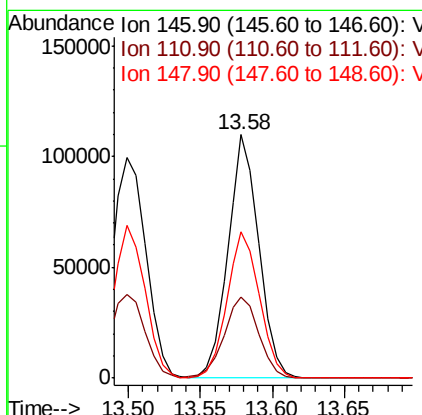
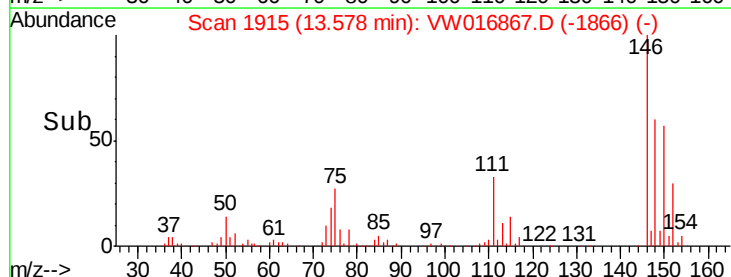
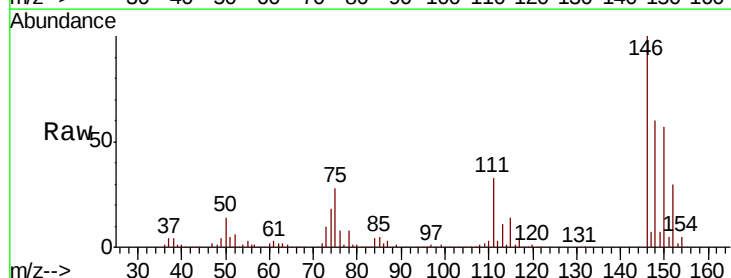
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1010SBSD01

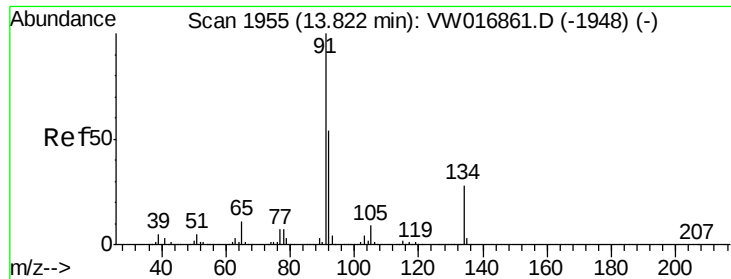
Tot Ion:146 Resp: 162758
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.1 57.5
 148 65.1 32.5 97.4



#88
 1,4-Dichlorobenzene
 Concen: 20.773 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW016867.D
 Acq: 09 Oct 2020 18:31

Tgt Ion:146 Resp: 164510
 Ion Ratio Lower Upper
 146 100
 111 37.7 18.5 55.5
 148 63.3 31.8 95.4





#89

n-Butylbenzene

Concen: 20.248 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW016867.D

Acq: 09 Oct 2020 18:31

Instrument :

MSVOA_W

ClientSampleId :

VW1010SBSD01

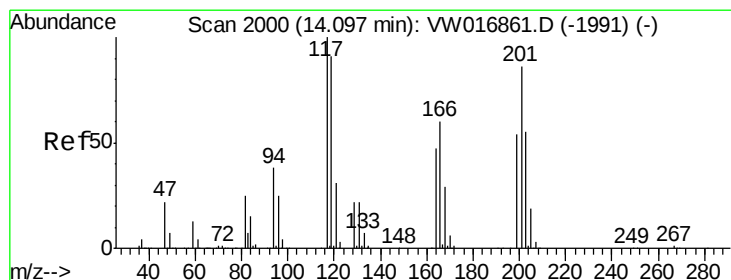
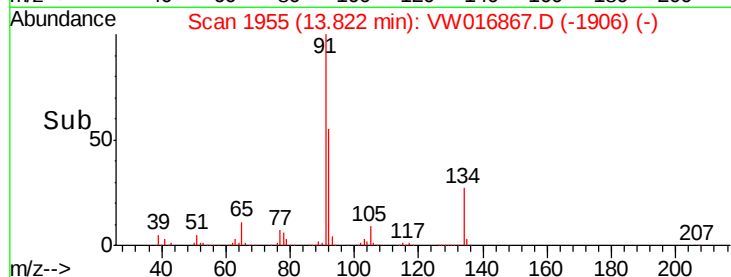
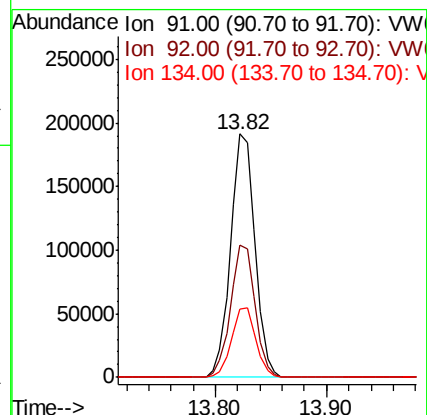
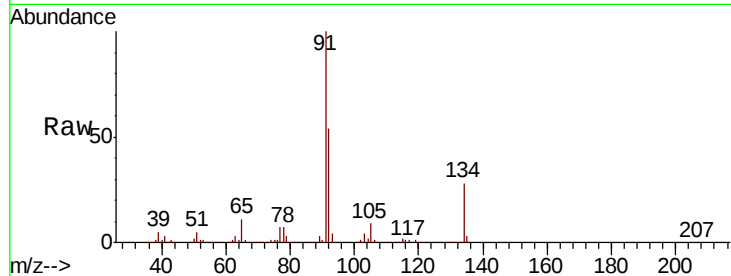
Tot Ion: 91 Resp: 289322

Ion Ratio Lower Upper

91 100

92 54.6 26.6 79.7

134 28.4 14.3 42.9



#90

Hexachloroethane

Concen: 19.949 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW016867.D

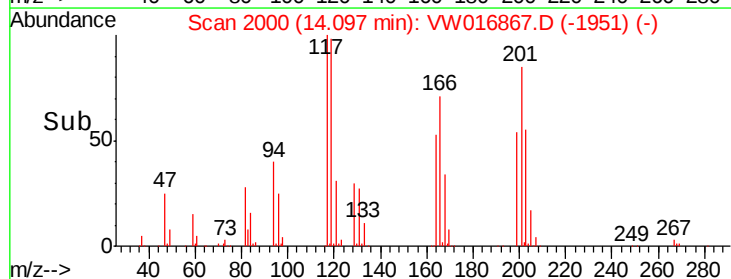
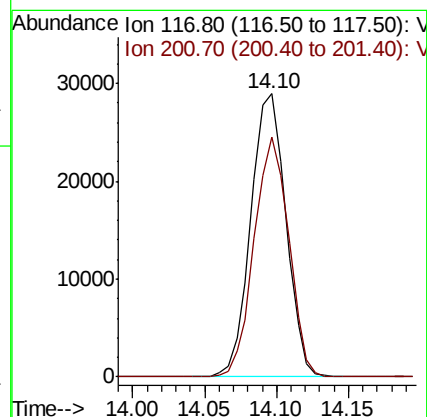
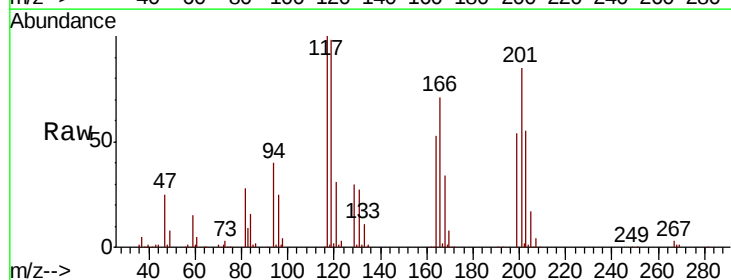
Acq: 09 Oct 2020 18:31

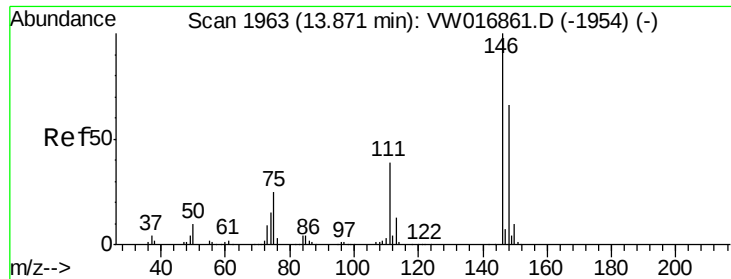
Tgt Ion: 117 Resp: 48822

Ion Ratio Lower Upper

117 100

201 83.3 41.9 125.7





#91

1,2-Dichlorobenzene

Concen: 20.626 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW016867.D

Acq: 09 Oct 2020 18:31

Instrument :

MSVOA_W

ClientSampleId :

VW1010SBSD01

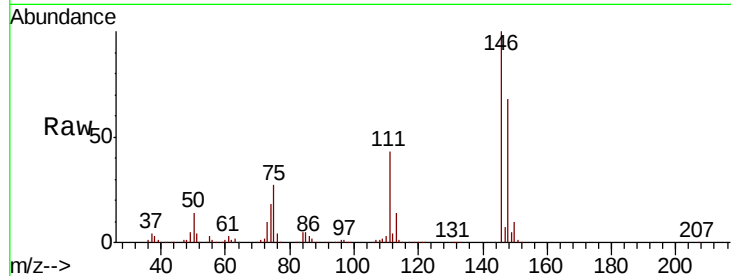
Tot Ion:146 Resp: 143019

Ion Ratio Lower Upper

146 100

111 41.0 20.1 60.3

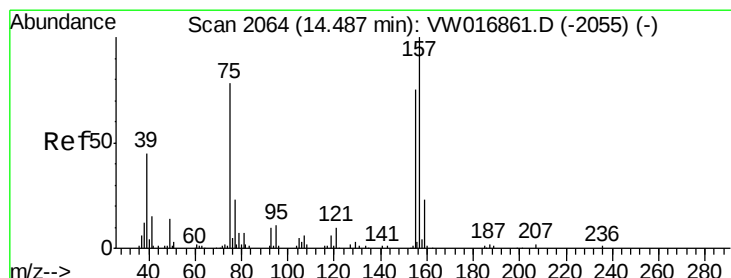
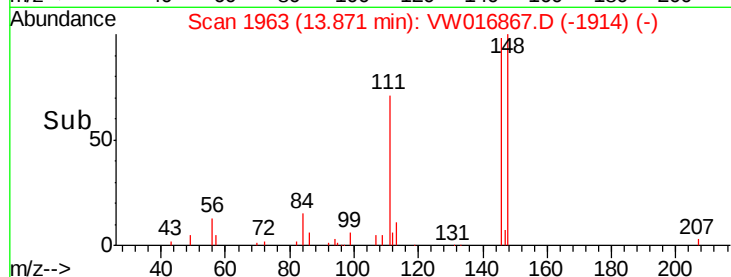
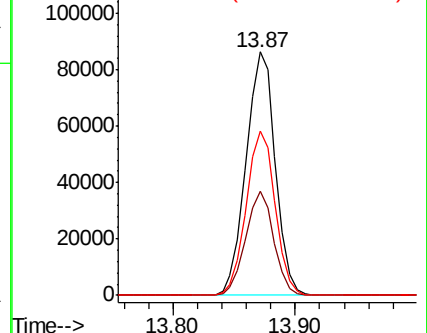
148 67.0 33.1 99.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.742 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VW016867.D

Acq: 09 Oct 2020 18:31

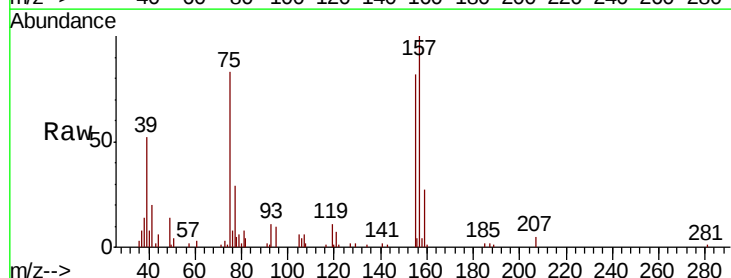
Tgt Ion: 75 Resp: 8783

Ion Ratio Lower Upper

75 100

155 92.8 47.6 142.8

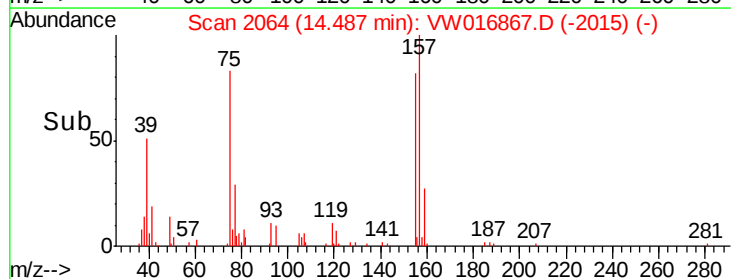
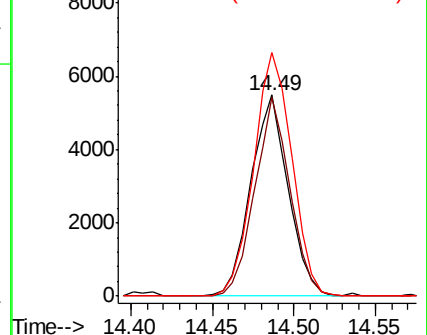
157 123.7 62.2 186.6

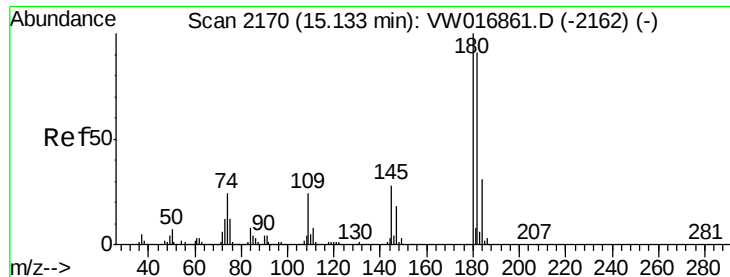


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

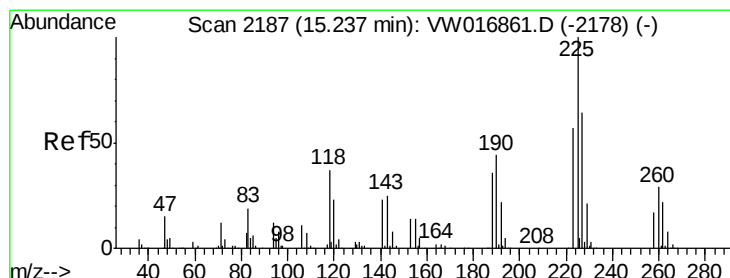
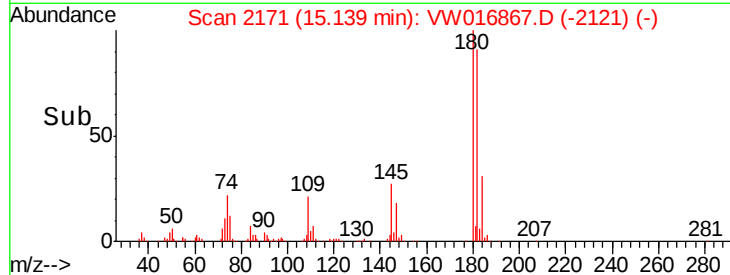
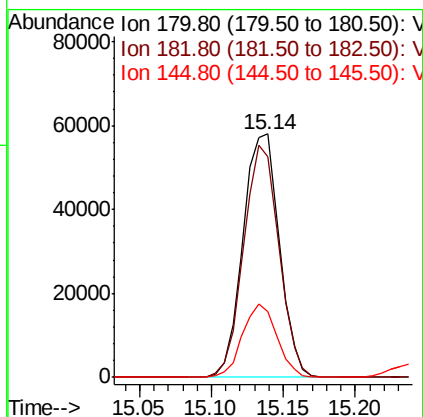
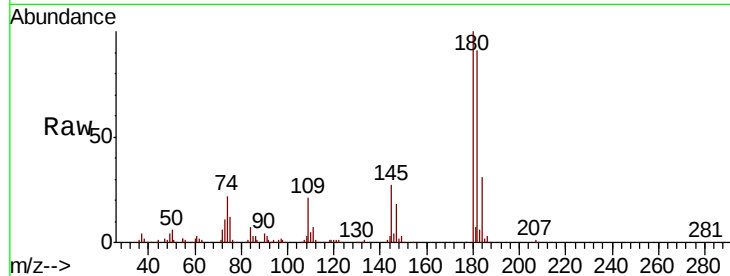




#93
 1,2,4-Trichlorobenzene
 Concen: 21.187 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.01 min
 Lab File: VW016867.D
 Acq: 09 Oct 2020 18:31

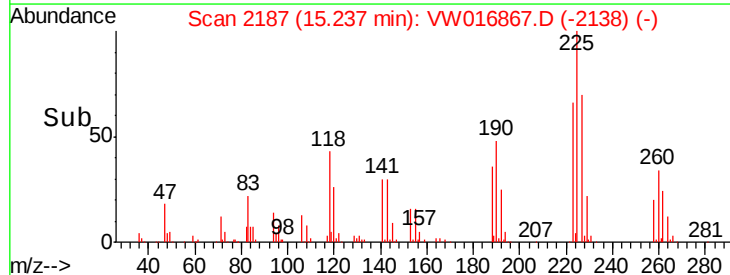
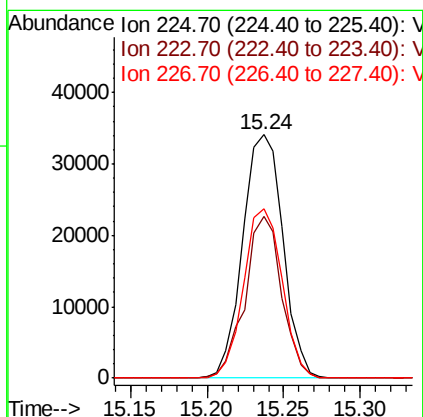
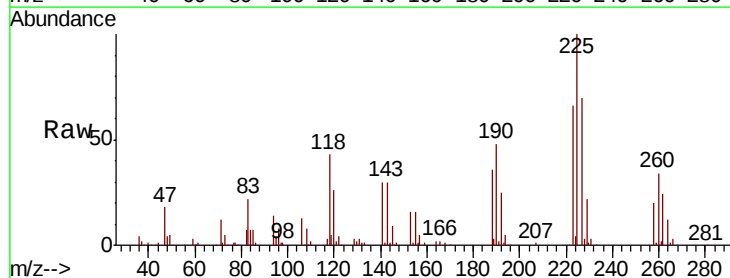
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1010SBSD01

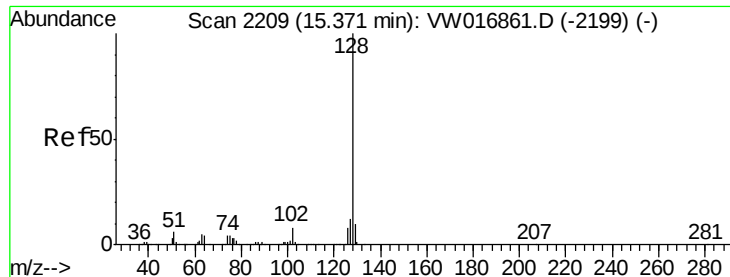
Tot Ion:180 Resp: 101367
 Ion Ratio Lower Upper
 180 100
 182 92.9 48.3 144.9
 145 28.7 14.9 44.5



#94
 Hexachlorobutadiene
 Concen: 20.131 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW016867.D
 Acq: 09 Oct 2020 18:31

Tgt Ion:225 Resp: 62436
 Ion Ratio Lower Upper
 225 100
 223 60.6 31.9 95.7
 227 66.7 33.0 99.0

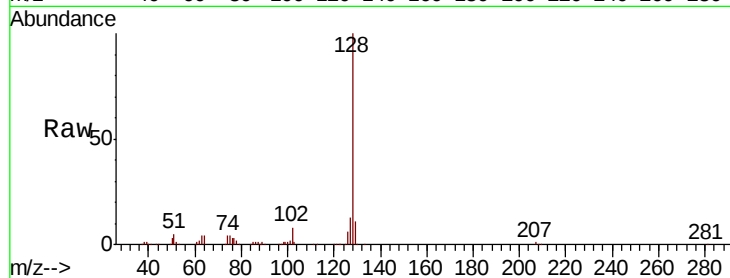




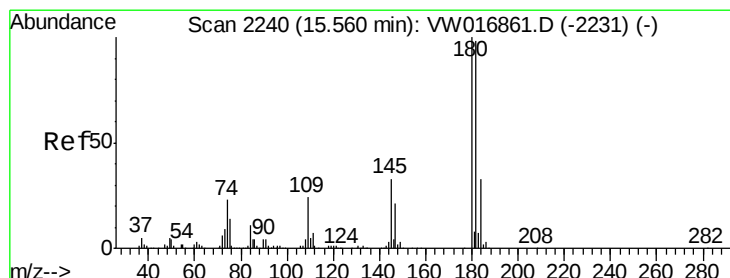
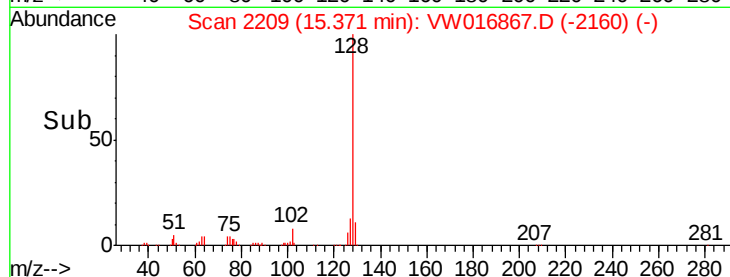
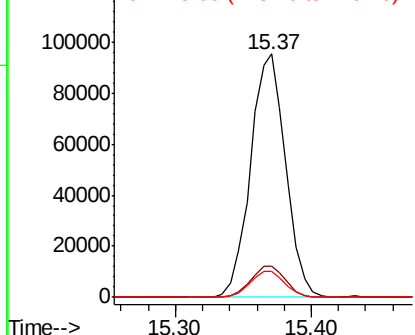
#95
Naphthalene
Concen: 22.124 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW016867.D
Acq: 09 Oct 2020 18:31

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBSD01

Tot Ion:128 Resp: 172028
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.8 8.6 12.8

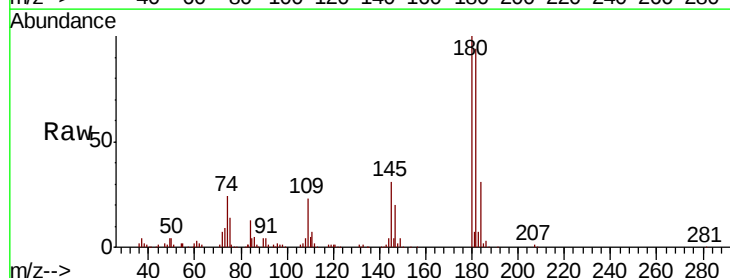


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 20.508 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW016867.D
Acq: 09 Oct 2020 18:31

Tgt Ion:180 Resp: 85356
Ion Ratio Lower Upper
180 100
182 99.6 49.4 148.2
145 32.1 16.3 48.9



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

