

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW050620\
 Data File : VW015402.D
 Acq On : 05 May 2020 18:15
 Operator : SY/VA
 Sample : VSTDIC150
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 05 18:43:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050620S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 18:21:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	235509	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	390830	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	357384	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	169076	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	380765	186.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	373.40%	
35) Dibromofluoromethane	7.88	113	330121	151.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	303.60%	
50) Toluene-d8	10.32	98	1368740	149.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	299.86%	
62) 4-Bromofluorobenzene	12.62	95	509641	147.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	294.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	217858	121.747	ug/l	100
3) Chloromethane	2.21	50	265642	135.235	ug/l	98
4) Vinyl Chloride	2.37	62	375603	154.246	ug/l	98
5) Bromomethane	2.77	94	294191	169.565	ug/l	93
6) Chloroethane	2.92	64	261952	170.518	ug/l	98
7) Trichlorofluoromethane	3.26	101	290240	91.257	ug/l	96
8) Diethyl Ether	3.68	74	176593	178.566	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	326174	153.191	ug/l	99
10) Methyl Iodide	4.27	142	498709	211.978	ug/l	99
11) Tert butyl alcohol	5.20	59	102406	642.339	ug/l	100
12) 1,1-Dichloroethene	4.03	96	340667	164.123	ug/l	96
13) Acrolein	3.89	56	136343	1336.071	ug/l	97
14) Allyl chloride	4.66	41	607058	209.454	ug/l	98
15) Acrylonitrile	5.37	53	370894	961.666	ug/l	100
16) Acetone	4.13	43	299954	861.090	ug/l	98
17) Carbon Disulfide	4.37	76	1052935	170.536	ug/l	100
18) Methyl Acetate	4.67	43	161631	174.046	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	527200	117.407	ug/l	98
20) Methylene Chloride	4.91	84	359629	159.160	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	391537	166.690	ug/l	100
22) Diisopropyl ether	6.31	45	1181948	211.377	ug/l	99
23) Vinyl Acetate	6.26	43	3656097	1104.127	ug/l	98
24) 1,1-Dichloroethane	6.21	63	707357	188.125	ug/l	99
25) 2-Butanone	7.17	43	471842	983.350	ug/l	100
26) 2,2-Dichloropropane	7.17	77	431457	117.667	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	429201	168.925	ug/l	97
28) Bromochloromethane	7.51	49	277101	199.892	ug/l	100
29) Tetrahydrofuran	7.53	42	311831	1027.690	ug/l	99
30) Chloroform	7.68	83	691789	173.352	ug/l	100
31) Cyclohexane	7.95	56	651648	171.996	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	568055	150.286	ug/l	99
36) 1,1-Dichloropropene	8.08	75	566334	157.158	ug/l	99
37) Ethyl Acetate	7.25	43	225105	184.967	ug/l	98
38) Carbon Tetrachloride	8.07	117	533177	138.456	ug/l	98

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050620S.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	725078	152.468	ug/l	99
40) Benzene	8.32	78	1551417	161.301	ug/l	99
41) Methacrylonitrile	7.48	41	148590	202.629	ug/l	95
42) 1,2-Dichloroethane	8.40	62	470737	164.575	ug/l	100
43) Isopropyl Acetate	8.42	43	469063	185.463	ug/l	100
44) Trichloroethene	9.09	130	404059	140.746	ug/l	100
45) 1,2-Dichloropropane	9.37	63	385798	170.318	ug/l	99
46) Dibromomethane	9.46	93	194488	151.971	ug/l	98
47) Bromodichloromethane	9.64	83	534319	155.595	ug/l	97
48) Methyl methacrylate	9.43	41	223290	187.657	ug/l	99
49) 1,4-Dioxane	9.46	88	46735	2766.700	ug/l #	74
51) 4-Methyl-2-Pentanone	10.21	43	1105051	927.160	ug/l	99
52) Toluene	10.38	92	1024172	153.825	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	561315	165.156	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	648406	163.662	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	273795	152.737	ug/l	96
56) Ethyl methacrylate	10.65	69	389726	166.737	ug/l	98
57) 1,3-Dichloropropane	10.93	76	489957	162.957	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	898533	826.091	ug/l	99
59) 2-Hexanone	10.97	43	747310	887.725	ug/l	99
60) Dibromochloromethane	11.13	129	343418	147.213	ug/l	98
61) 1,2-Dibromoethane	11.24	107	262653	150.760	ug/l	99
64) Tetrachloroethene	10.86	164	312481	124.143	ug/l	97
65) Chlorobenzene	11.66	112	1036733	146.804	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	376151	148.429	ug/l	99
67) Ethyl Benzene	11.73	91	1988207	150.361	ug/l	100
68) m/p-Xylenes	11.83	106	1482139	288.959	ug/l	98
69) o-Xylene	12.16	106	713595	148.518	ug/l	98
70) Styrene	12.18	104	1247199	152.045	ug/l	99
71) Bromoform	12.35	173	192512	136.961	ug/l #	99
73) Isopropylbenzene	12.46	105	1970361	164.554	ug/l	100
74) N-amyl acetate	12.27	43	455933	207.375	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	301198	173.317	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	420772	307.432	ug/l #	100
77) Bromobenzene	12.74	156	408719	151.441	ug/l	100
78) n-propylbenzene	12.80	91	2311551	165.139	ug/l	99
79) 2-Chlorotoluene	12.89	91	1298742	164.666	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	1614507	157.195	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	115051	185.676	ug/l	97
82) 4-Chlorotoluene	12.99	91	1374784	164.356	ug/l	100
83) tert-Butylbenzene	13.21	119	1397511	156.076	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	1605902	158.071	ug/l	98
85) sec-Butylbenzene	13.38	105	1938696	156.207	ug/l	100
86) p-Isopropyltoluene	13.50	119	1753235	152.865	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	796577	147.646	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	794399	150.147	ug/l	100
89) n-Butylbenzene	13.82	91	1716108	161.337	ug/l	99
90) Hexachloroethane	14.09	117	331452	157.275	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	700403	150.217	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.48	75	51893	167.257	ug/l	98

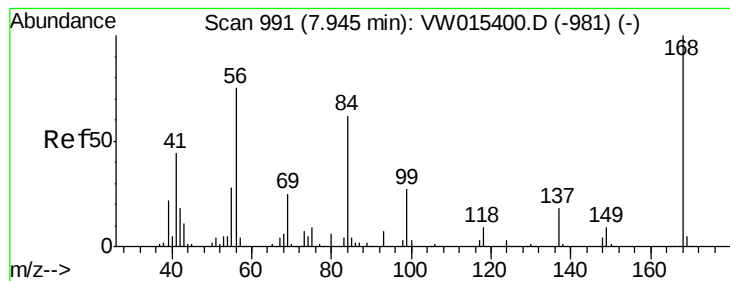
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Quant Title : SW846 8260
QLast Update : Tue May 05 18:21:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	475858	147.582	ug/l	98
94) Hexachlorobutadiene	15.24	225	282844	132.937	ug/l	99
95) Naphthalene	15.36	128	865215	163.681	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	416459	157.717	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW015402.D

Acq: 05 May 2020 18:15

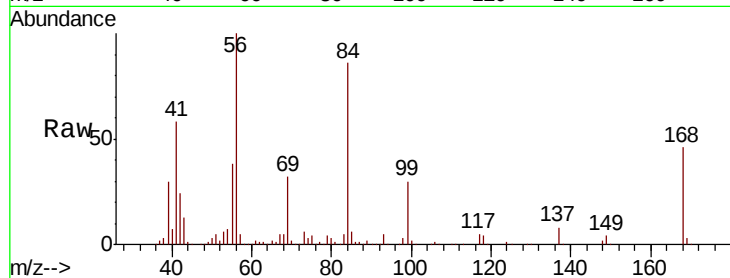
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 235509

Ion Ratio Lower Upper

168 100

99 63.8 50.3 75.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

150000

100000

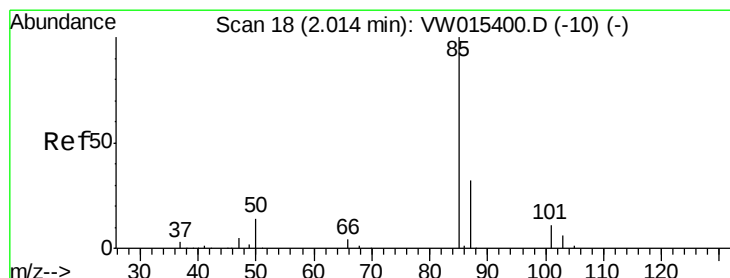
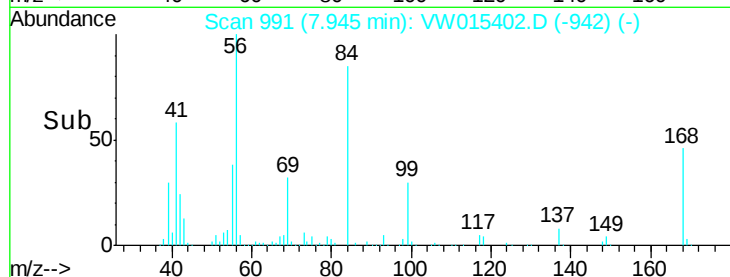
50000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 121.747 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW015402.D

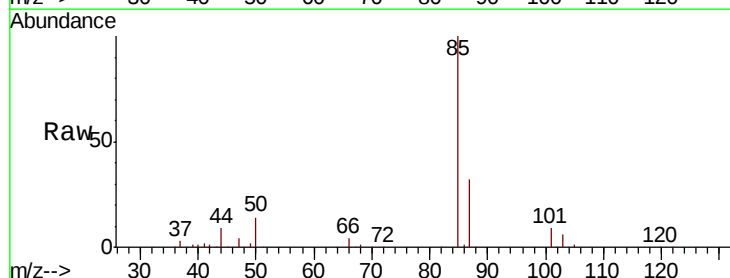
Acq: 05 May 2020 18:15

Tgt Ion: 85 Resp: 217858

Ion Ratio Lower Upper

85 100

87 32.0 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

60000

40000

20000

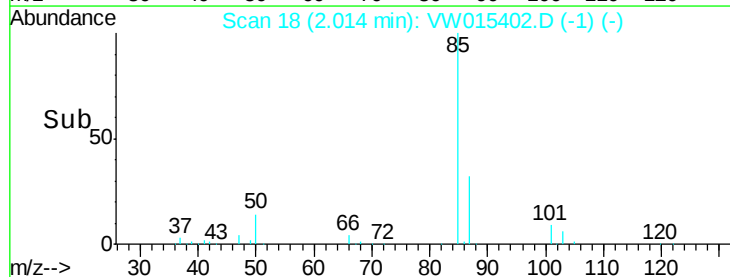
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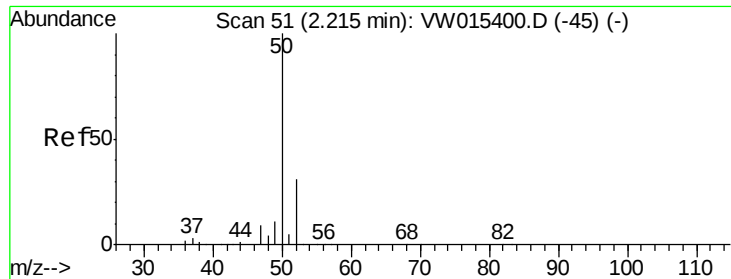
2.00

2.20

2.40

Time-->

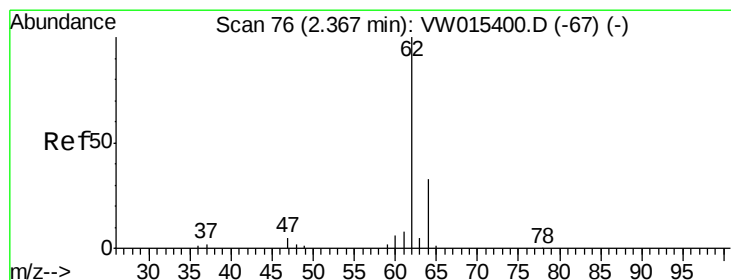
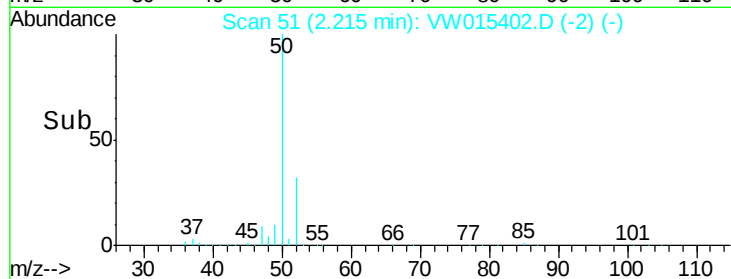
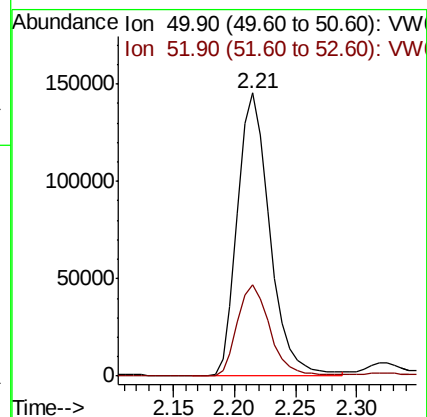
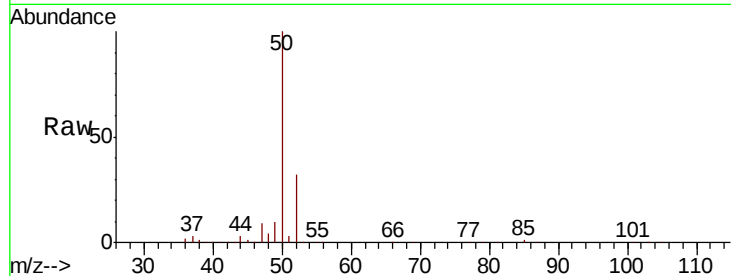




#3
Chloromethane
Concen: 135.235 ug/l
RT: 2.21 min Scan# 51
Delta R.T. -0.00 min
Lab File: VW015402.D
Acq: 05 May 2020 18:15

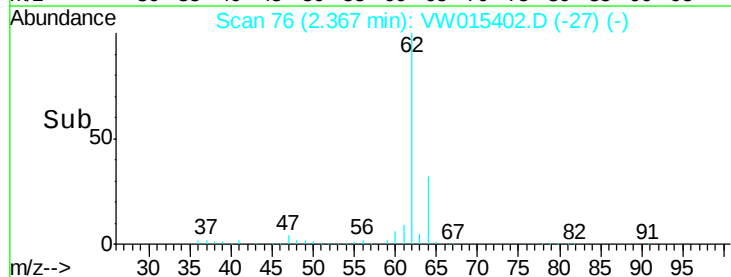
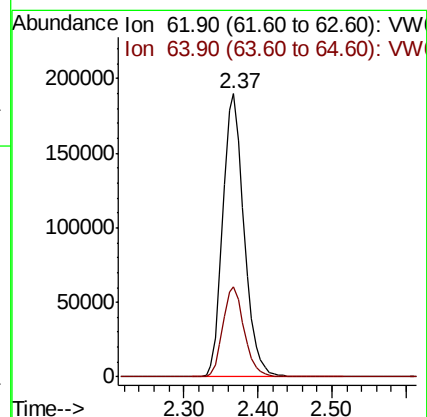
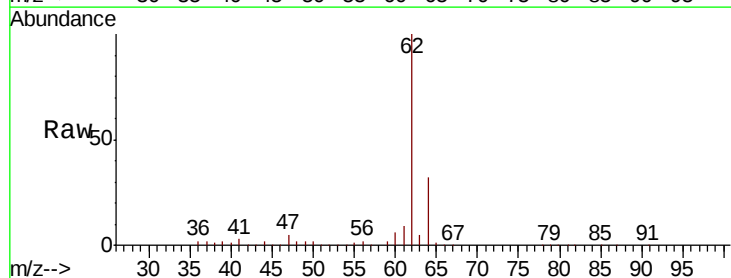
Instrument :
MSVOA_W
ClientSampleId :

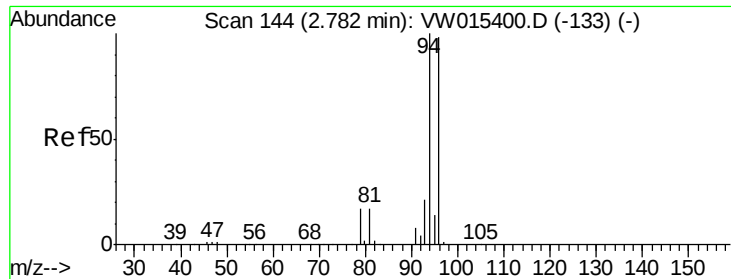
Tot Ion: 50 Resp: 265642
Ion Ratio Lower Upper
50 100
52 32.4 25.0 37.6



#4
Vinyl Chloride
Concen: 154.246 ug/l
RT: 2.37 min Scan# 76
Delta R.T. -0.00 min
Lab File: VW015402.D
Acq: 05 May 2020 18:15

Tgt Ion: 62 Resp: 375603
Ion Ratio Lower Upper
62 100
64 31.7 26.4 39.6





#5

Bromomethane

Concen: 169.565 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW015402.D

Acq: 05 May 2020 18:15

Instrument :

MSVOA_W

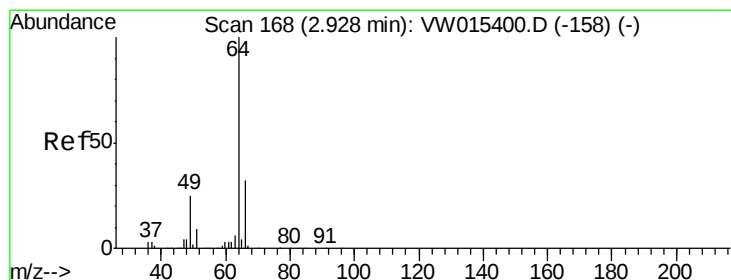
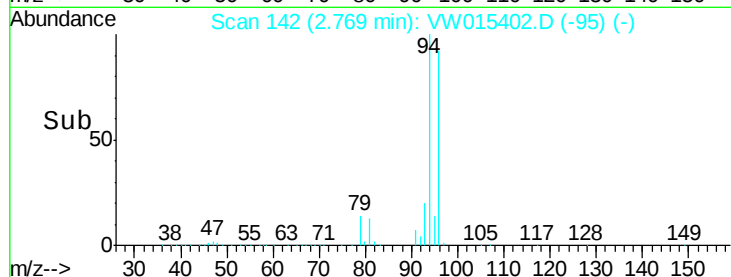
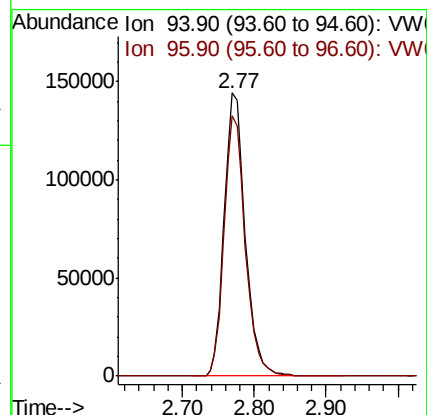
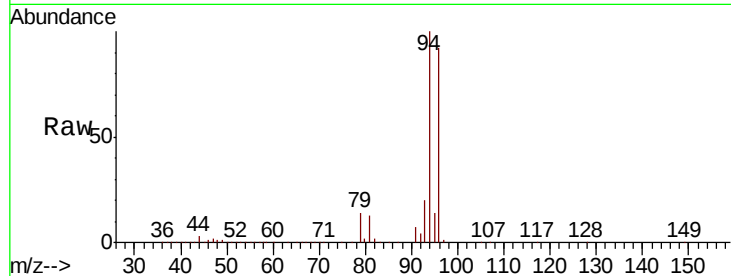
ClientSampleId :

Tot Ion: 94 Resp: 294191

Ion Ratio Lower Upper

94 100

96 91.9 78.8 118.2



#6

Chloroethane

Concen: 170.518 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW015402.D

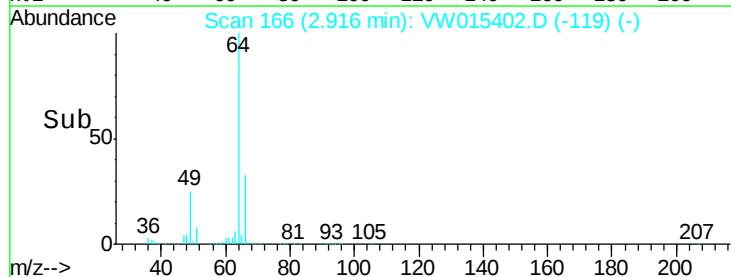
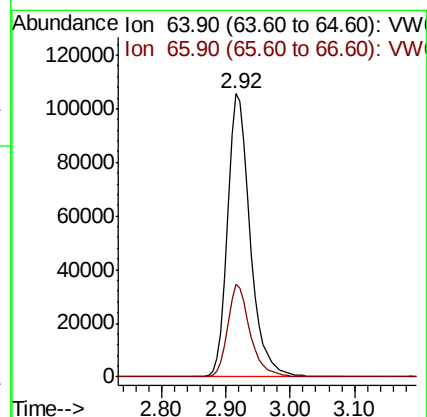
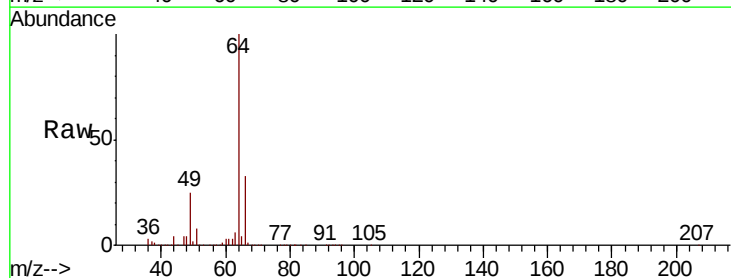
Acq: 05 May 2020 18:15

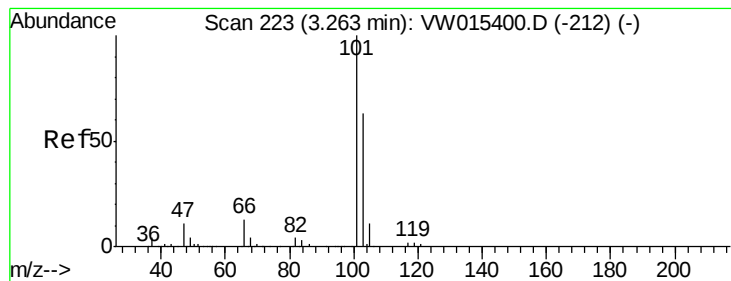
Tgt Ion: 64 Resp: 261952

Ion Ratio Lower Upper

64 100

66 32.7 25.4 38.0



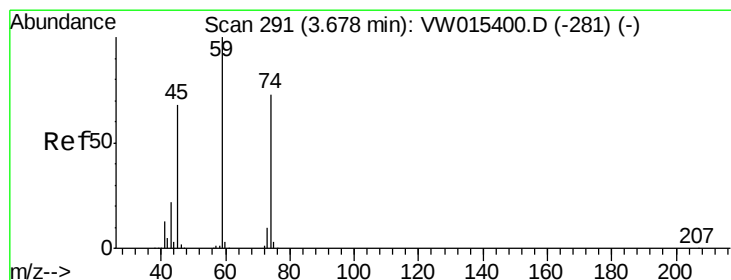
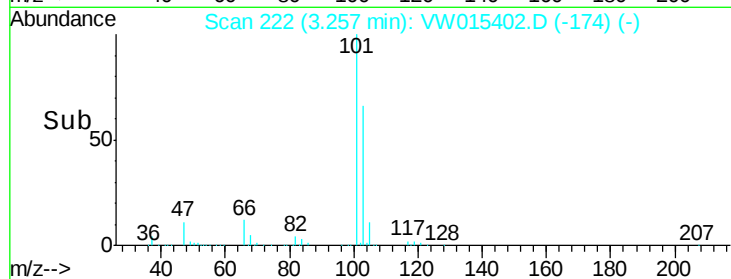
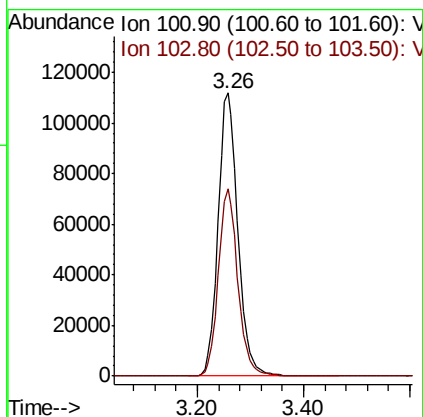
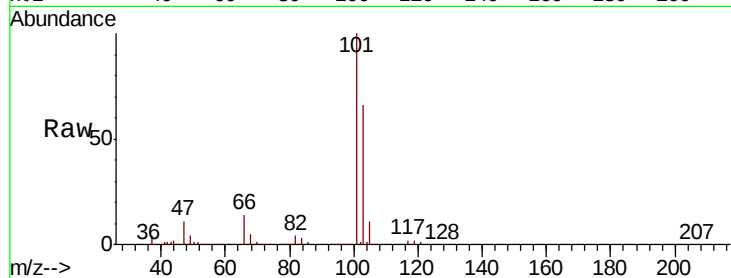


#7

Trichlorofluoromethane
 Concen: 91.257 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW015402.D
 Acq: 05 May 2020 18:15

Instrument :
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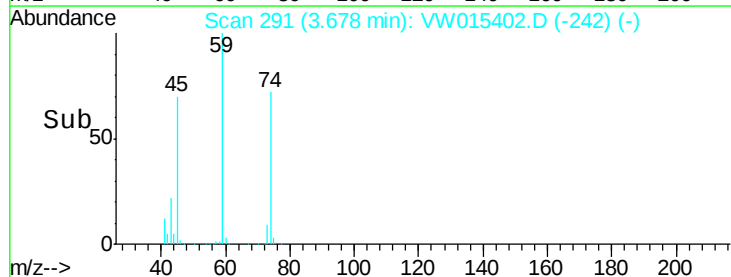
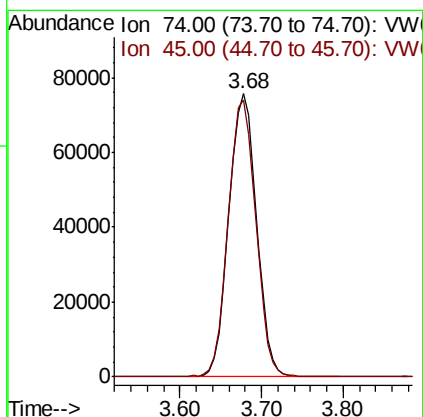
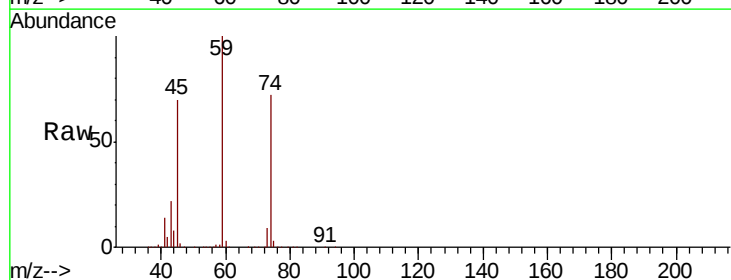
Tot Ion:101 Resp: 290240
 Ion Ratio Lower Upper
 101 100
 103 66.3 50.2 75.4

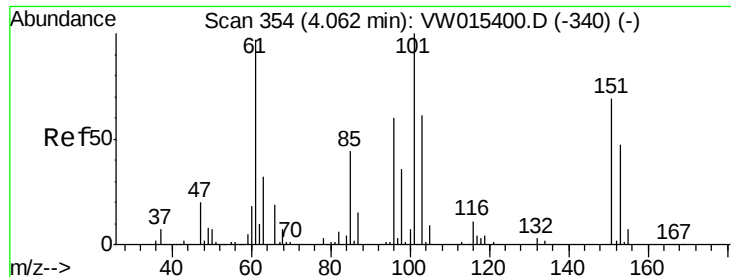


#8

Diethyl Ether
 Concen: 178.566 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW015402.D
 Acq: 05 May 2020 18:15

Tgt Ion: 74 Resp: 176593
 Ion Ratio Lower Upper
 74 100
 45 97.3 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 153.191 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW015402.D

Acq: 05 May 2020 18:15

Instrument :

MSVOA_W

ClientSampled :

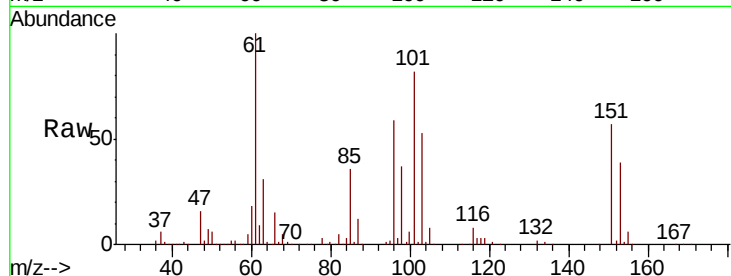
Tot Ion:101 Resp: 326174

Ion Ratio Lower Upper

101 100

85 45.6 37.3 55.9

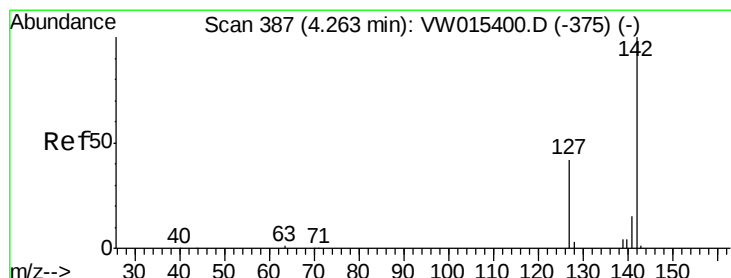
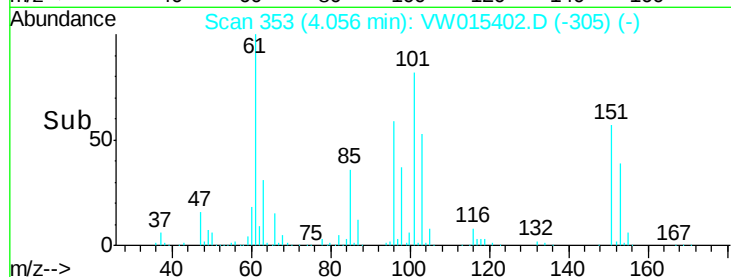
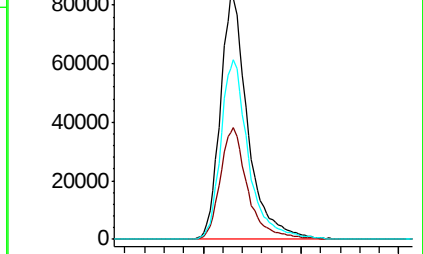
151 73.7 58.9 88.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VV

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 211.978 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.01 min

Lab File: VW015402.D

Acq: 05 May 2020 18:15

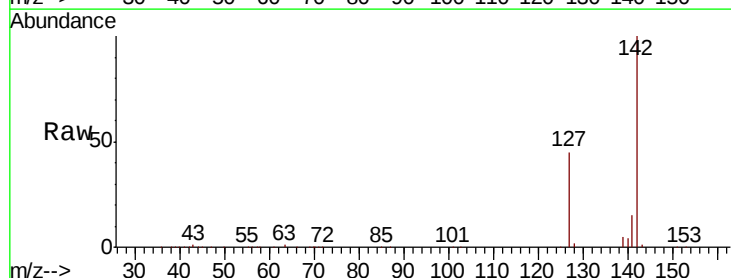
Tgt Ion:142 Resp: 498709

Ion Ratio Lower Upper

142 100

127 45.0 35.4 53.2

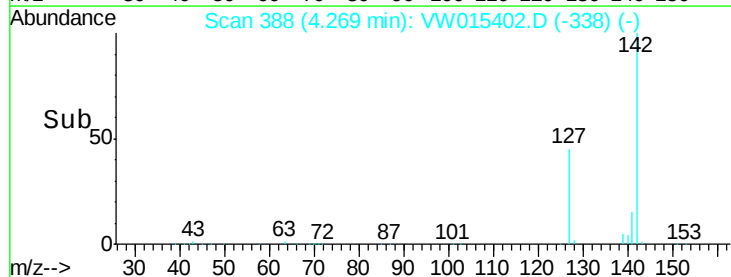
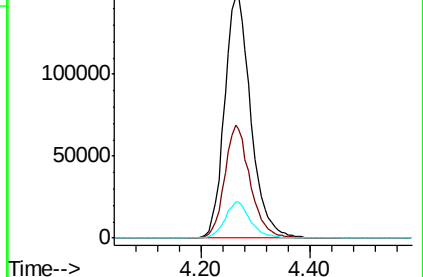
141 14.4 11.7 17.5

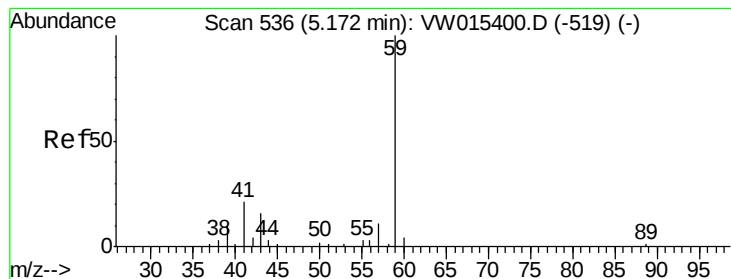


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



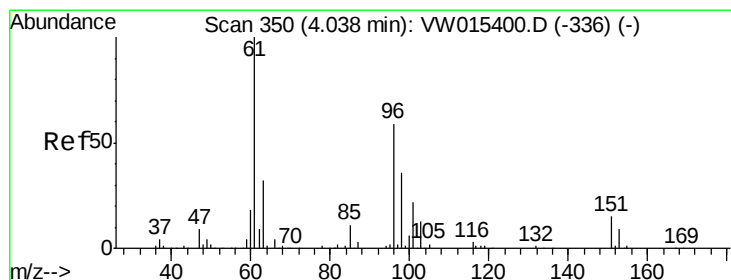
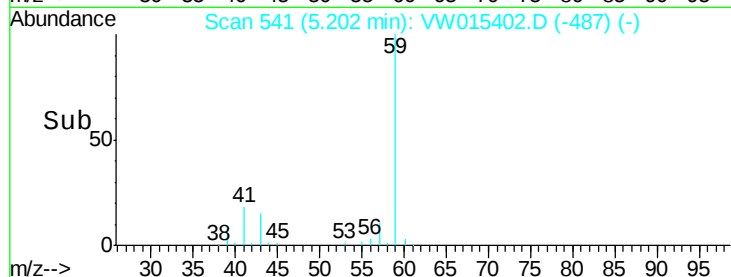
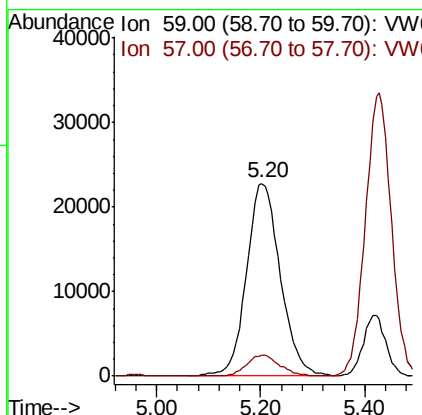
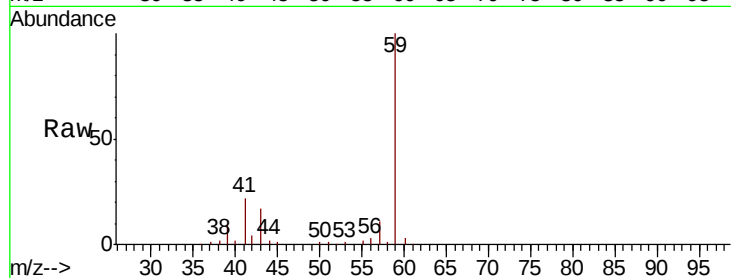


#11

Tert butyl alcohol
Concen: 642.339 ug/l
RT: 5.20 min Scan# 541
Delta R.T. 0.03 min
Lab File: VW015402.D
Acq: 05 May 2020 18:15

Instrument :
MSVOA_W
ClientSampleId :

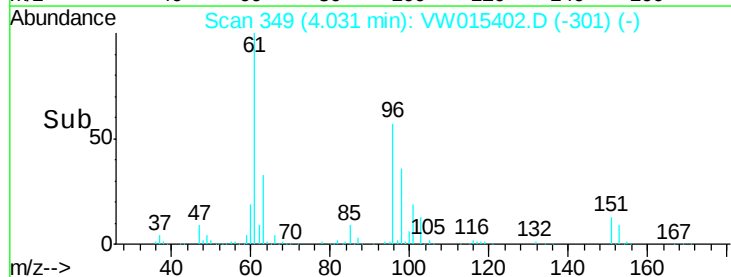
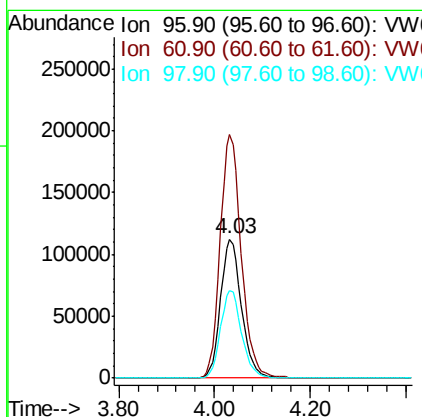
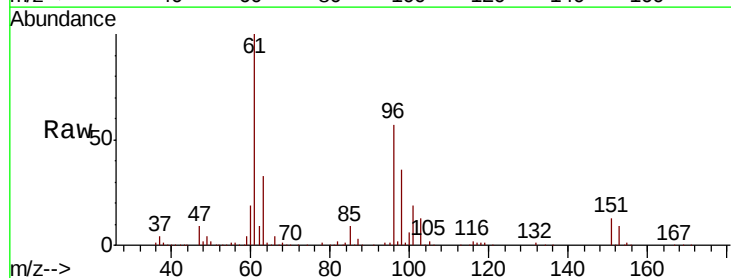
Tot Ion: 59 Resp: 102406
Ion Ratio Lower Upper
59 100
57 10.8 8.6 13.0

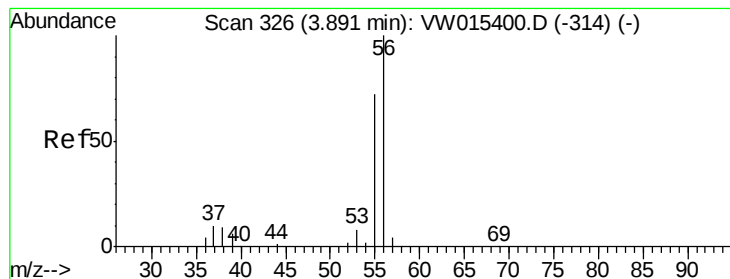


#12

1,1-Dichloroethene
Concen: 164.123 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW015402.D
Acq: 05 May 2020 18:15

Tgt Ion: 96 Resp: 340667
Ion Ratio Lower Upper
96 100
61 175.5 135.8 203.8
98 62.9 48.6 72.8





#13

Acrolein

Concen: 1336.071 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW015402.D

Acq: 05 May 2020 18:15

Instrument :

MSVOA_W

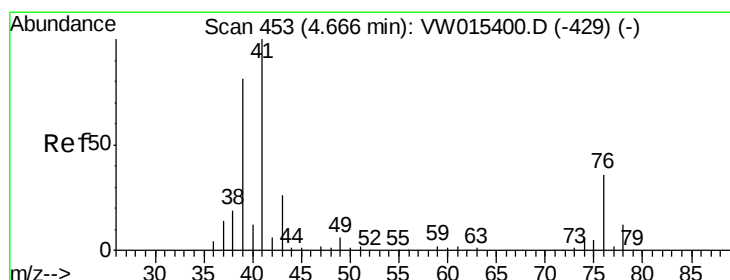
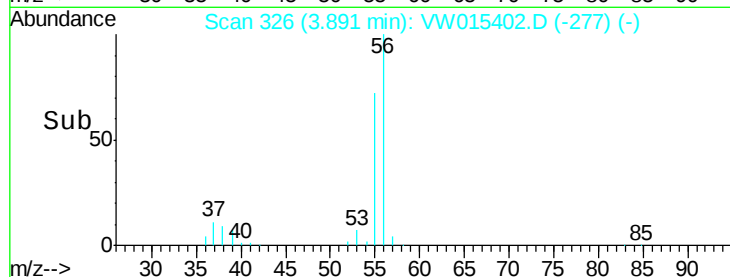
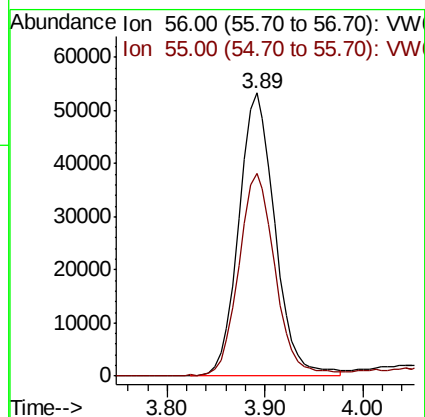
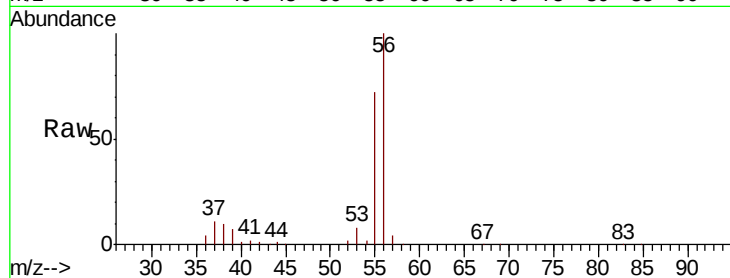
ClientSampleId :

Tot Ion: 56 Resp: 136343

Ion Ratio Lower Upper

56 100

55 72.7 56.4 84.6



#14

Allyl chloride

Concen: 209.454 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW015402.D

Acq: 05 May 2020 18:15

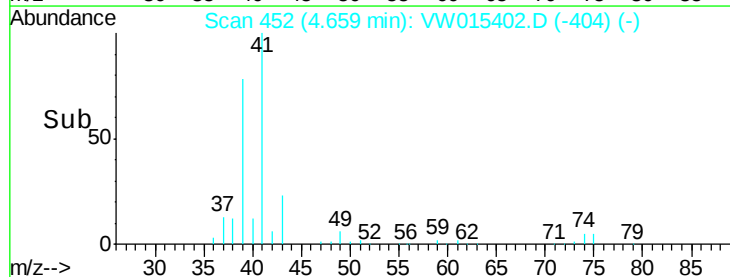
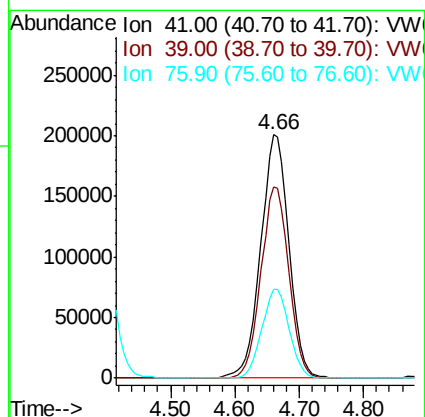
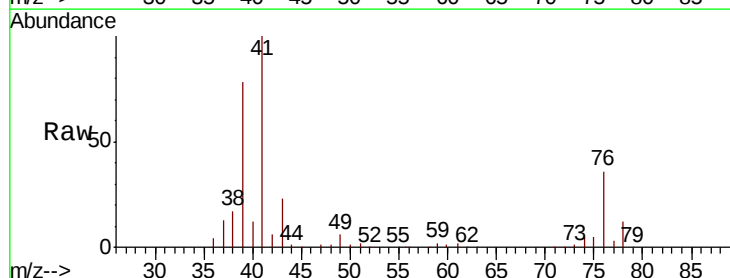
Tgt Ion: 41 Resp: 607058

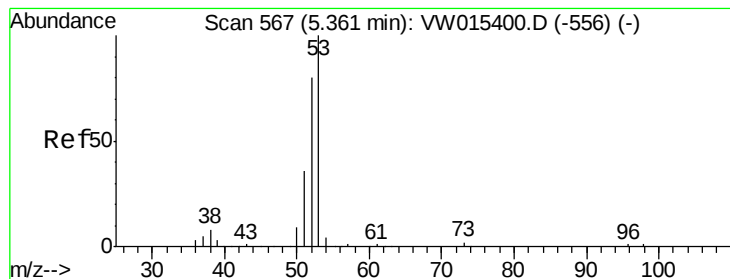
Ion Ratio Lower Upper

41 100

39 77.6 63.6 95.4

76 35.5 28.4 42.6





#15

Acrylonitrile

Concen: 961.666 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.01 min

Lab File: VW015402.D

Acq: 05 May 2020 18:15

Instrument :

MSVOA_W

ClientSampled :

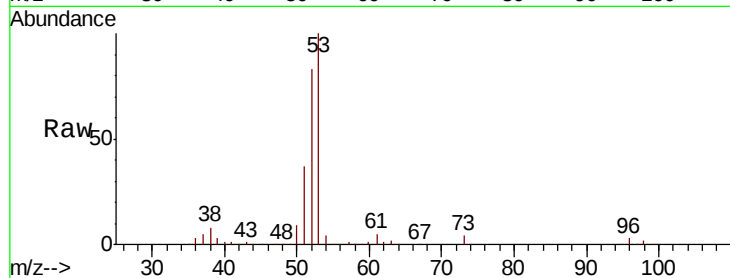
Tot Ion: 53 Resp: 370894

Ion Ratio Lower Upper

53 100

52 83.6 66.6 99.8

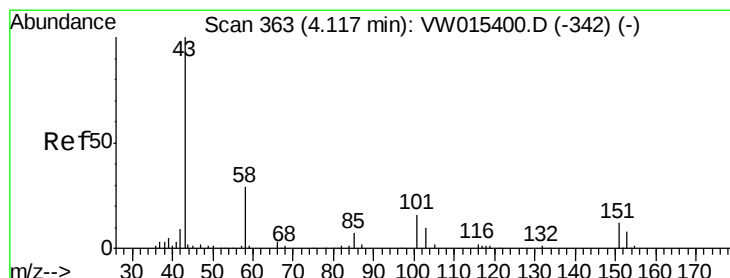
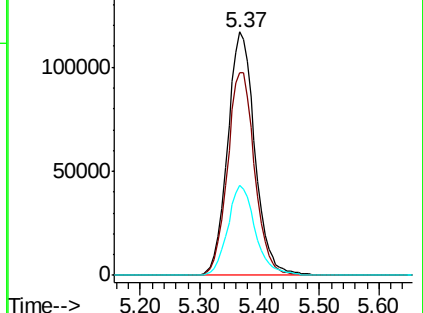
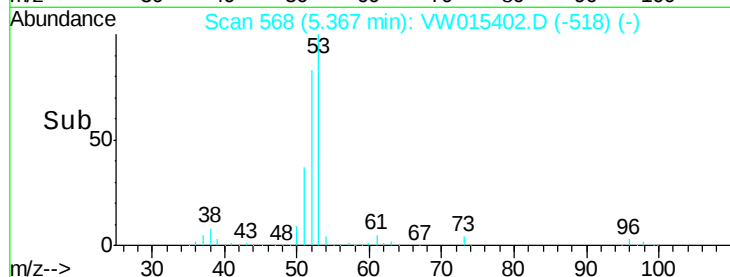
51 37.5 30.2 45.2



Abundance Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 861.090 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW015402.D

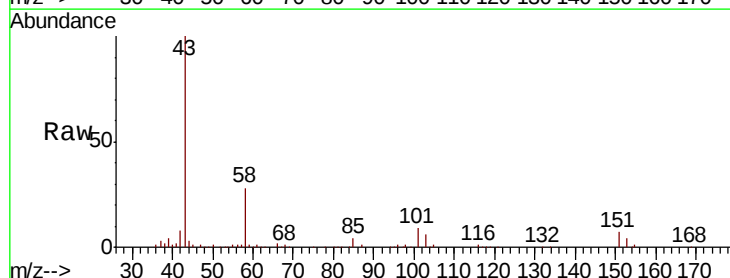
Acq: 05 May 2020 18:15

Tgt Ion: 43 Resp: 299954

Ion Ratio Lower Upper

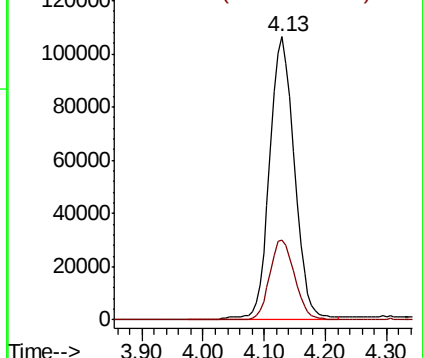
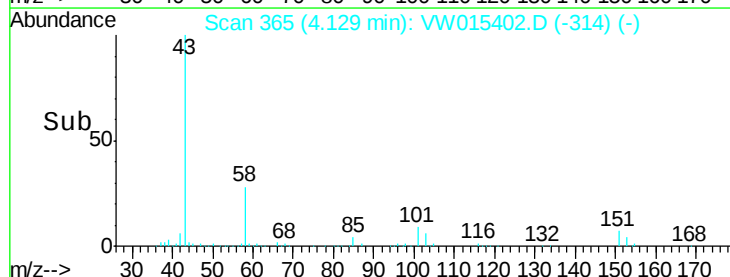
43 100

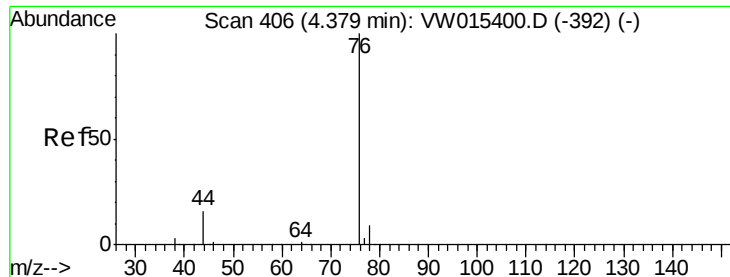
58 28.0 23.4 35.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 170.536 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW015402.D

Acq: 05 May 2020 18:15

Instrument :

MSVOA_W

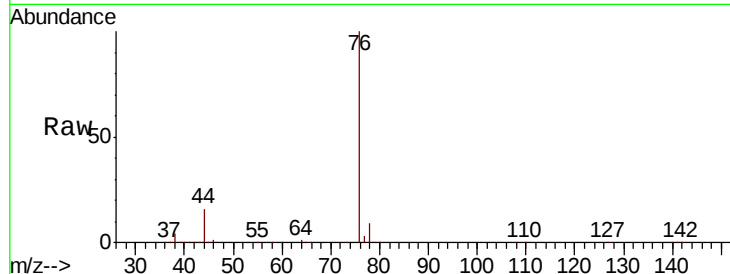
ClientSampleId :

Tot Ion: 76 Resp: 1052935

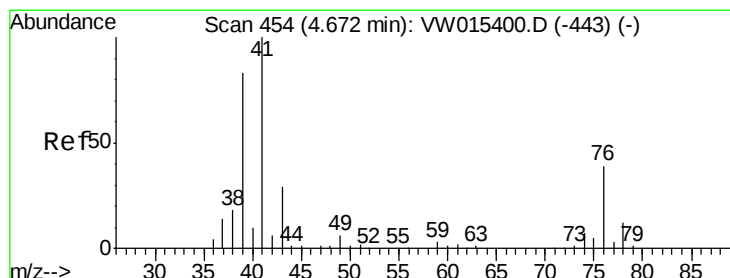
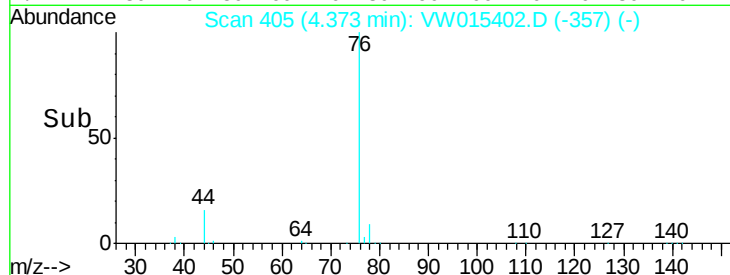
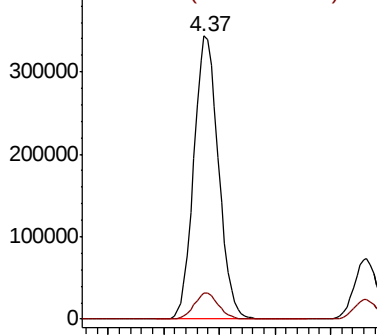
Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VW
Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 174.046 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.00 min

Lab File: VW015402.D

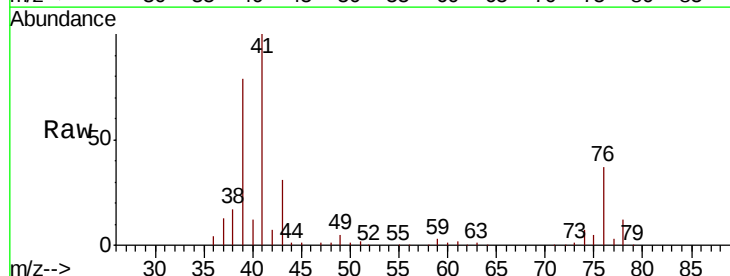
Acq: 05 May 2020 18:15

Tgt Ion: 43 Resp: 161631

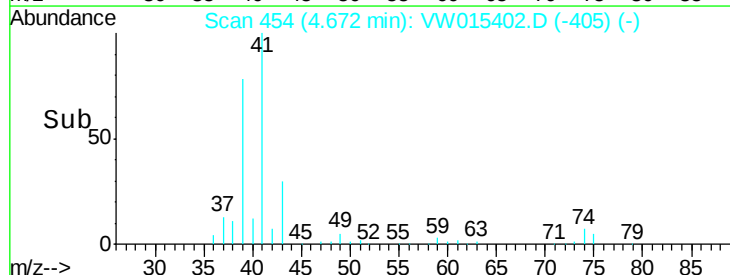
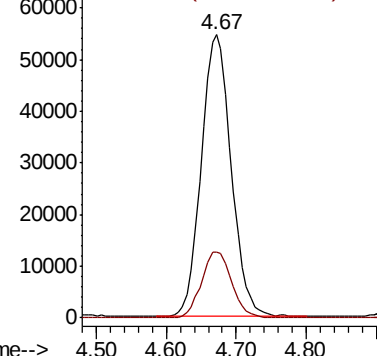
Ion Ratio Lower Upper

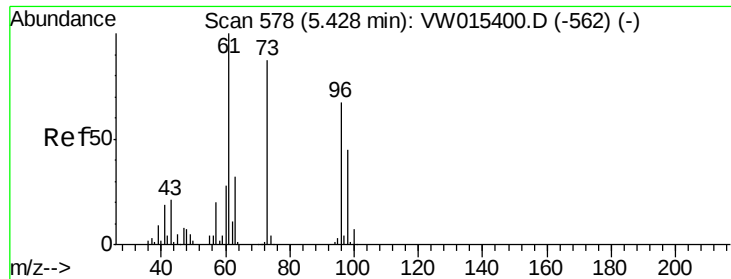
43 100

74 23.9 18.7 28.1



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 74.00 (73.70 to 74.70): VW

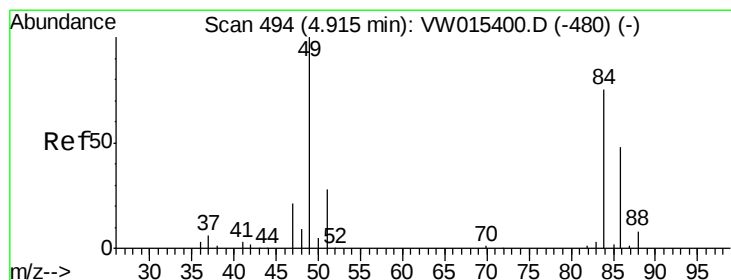
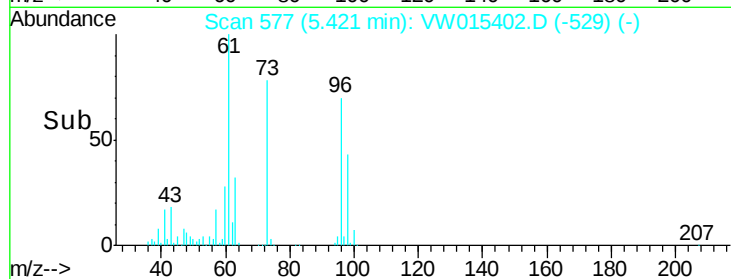
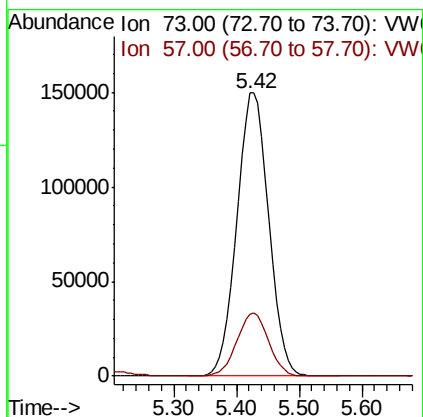
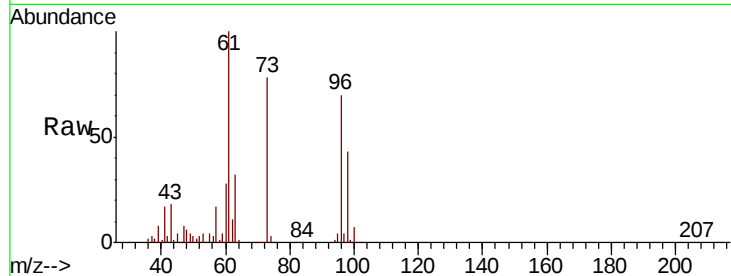




#19
Methyl tert-butyl Ether
Concen: 117.407 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW015402.D
Acq: 05 May 2020 18:15

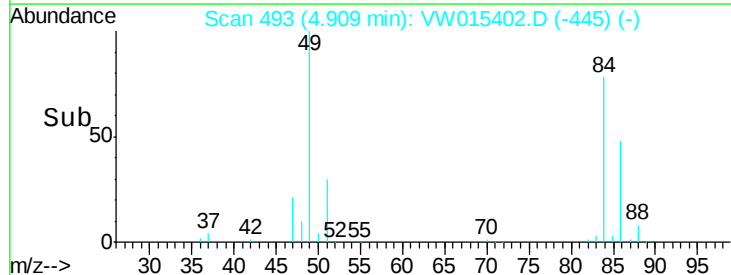
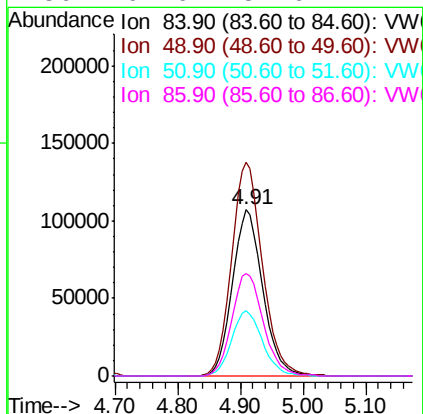
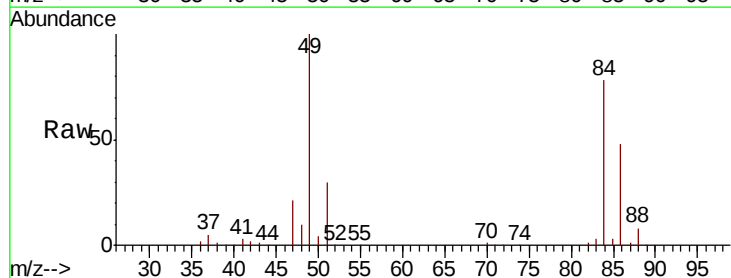
Instrument :
MSVOA_W
ClientSampleId :

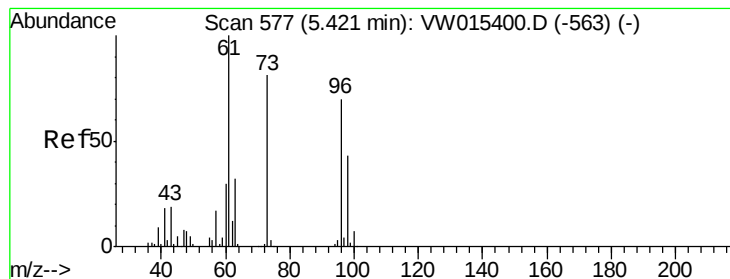
Tot Ion: 73 Resp: 527200
Ion Ratio Lower Upper
73 100
57 22.1 18.5 27.7



#20
Methylene Chloride
Concen: 159.160 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW015402.D
Acq: 05 May 2020 18:15

Tgt Ion: 84 Resp: 359629
Ion Ratio Lower Upper
84 100
49 128.7 106.4 159.6
51 39.1 30.2 45.2
86 61.6 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 166.690 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW015402.D

Acq: 05 May 2020 18:15

Instrument :
MSVOA_W
ClientSampled :

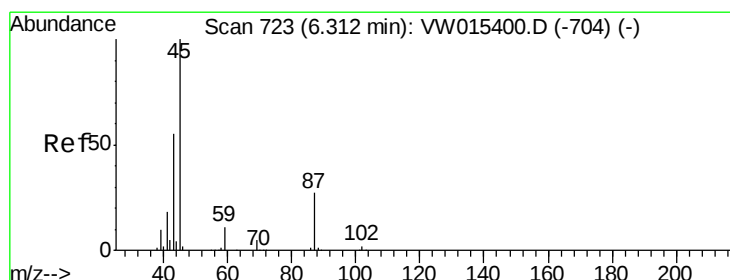
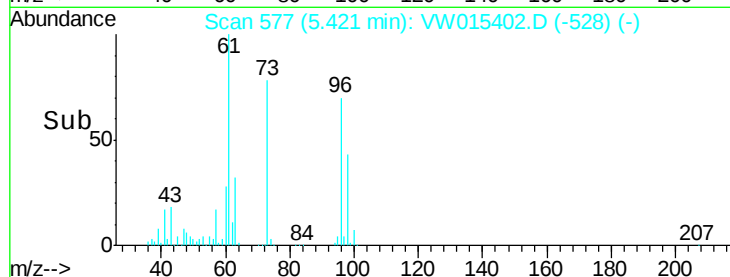
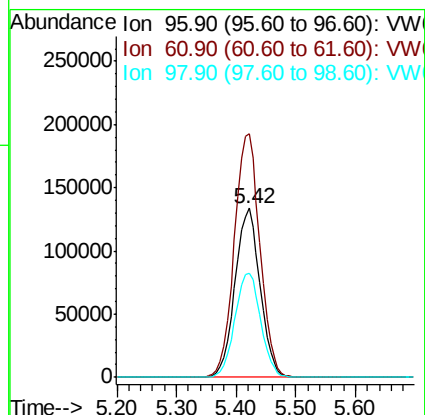
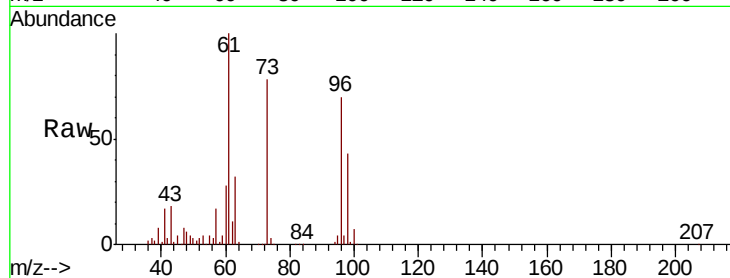
Tot Ion: 96 Resp: 391537

Ion Ratio Lower Upper

96 100

61 143.8 114.9 172.3

98 61.5 49.4 74.0



#22

Diisopropyl ether

Concen: 211.377 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW015402.D

Acq: 05 May 2020 18:15

Tgt Ion: 45 Resp: 1181948

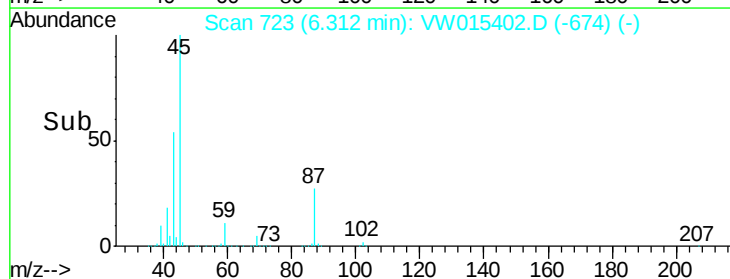
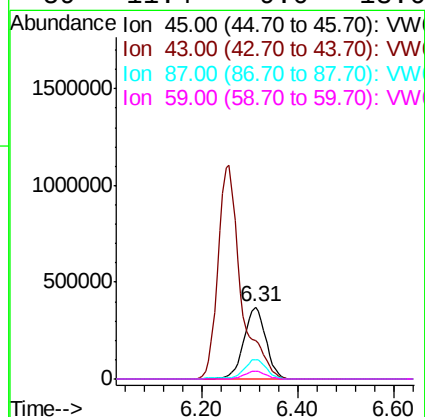
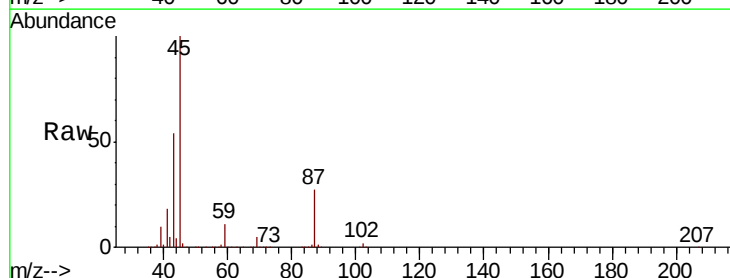
Ion Ratio Lower Upper

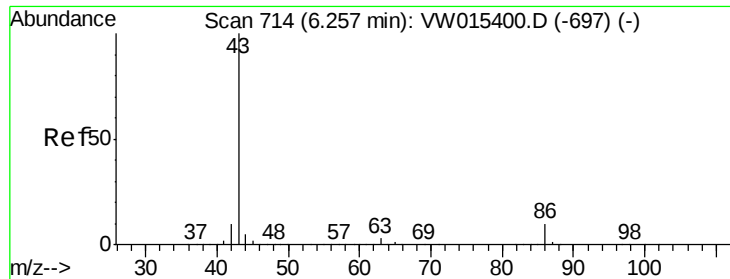
45 100

43 53.8 44.2 66.4

87 27.4 21.6 32.4

59 11.4 9.0 13.6





#23

Vinyl Acetate

Concen: 1104.127 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW015402.D

Acq: 05 May 2020 18:15

Instrument :

MSVOA_W

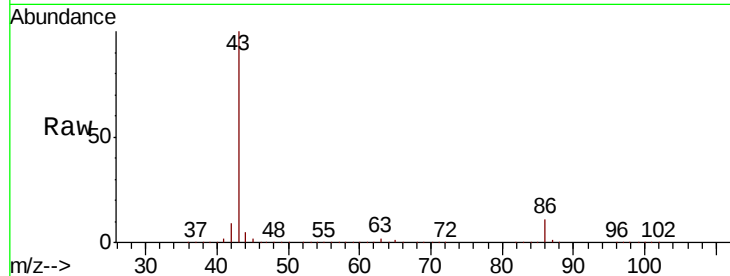
ClientSampled :

Tot Ion: 43 Resp: 3656097

Ion Ratio Lower Upper

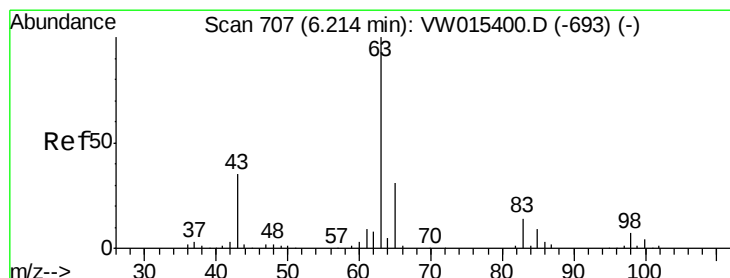
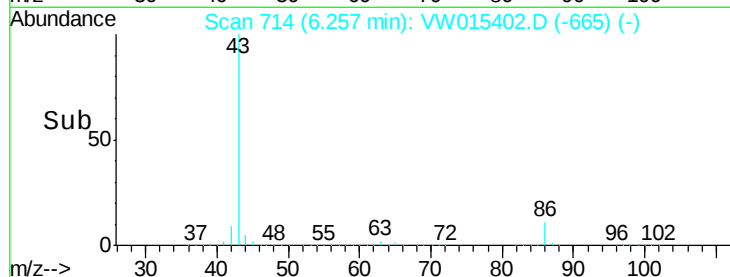
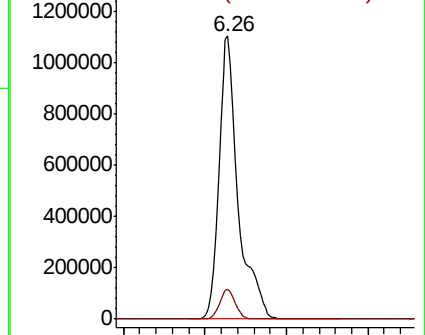
43 100

86 10.7 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 188.125 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW015402.D

Acq: 05 May 2020 18:15

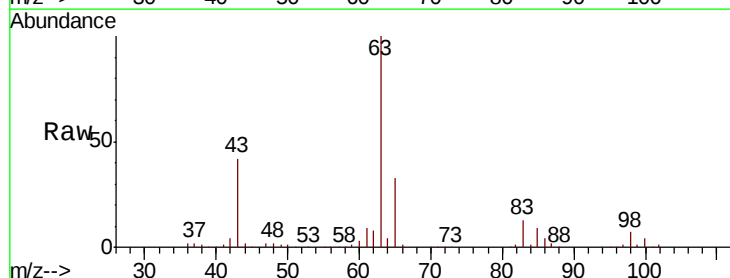
Tgt Ion: 63 Resp: 707357

Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.4

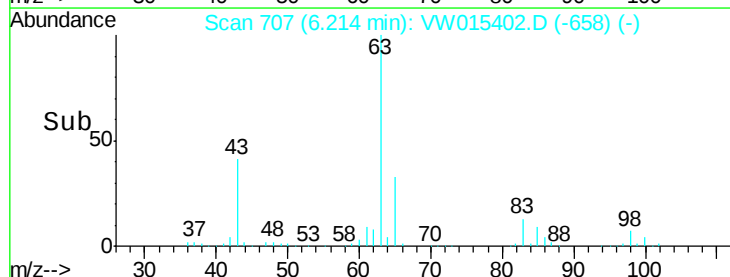
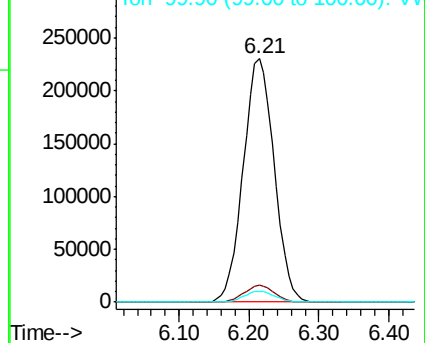
100 4.4 2.1 6.5

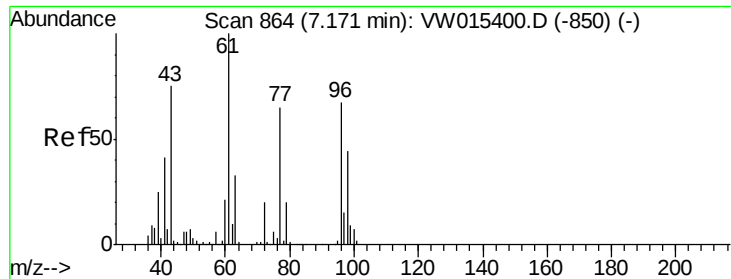


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 983.350 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW015402.D

Acq: 05 May 2020 18:15

Instrument :

MSVOA_W

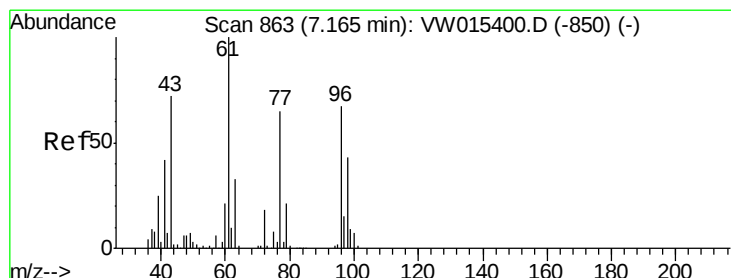
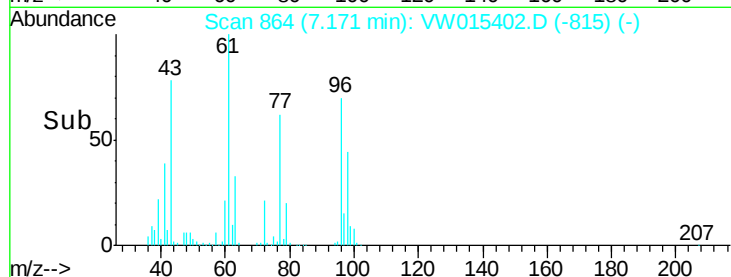
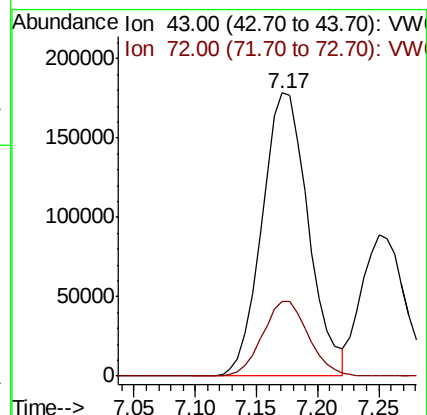
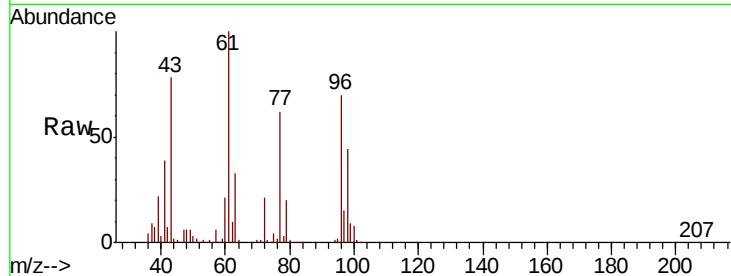
ClientSampled :

Tot Ion: 43 Resp: 471842

Ion Ratio Lower Upper

43 100

72 26.6 21.4 32.0



#26

2,2-Dichloropropane

Concen: 117.667 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW015402.D

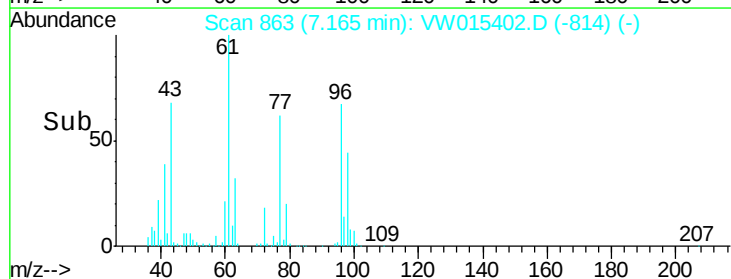
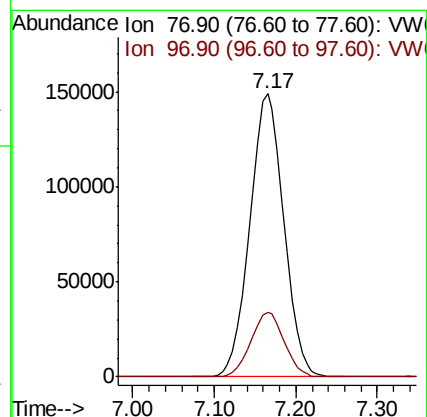
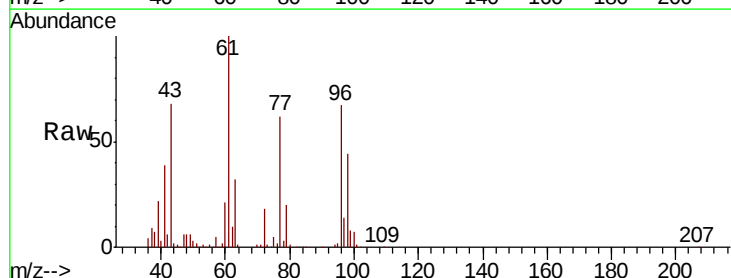
Acq: 05 May 2020 18:15

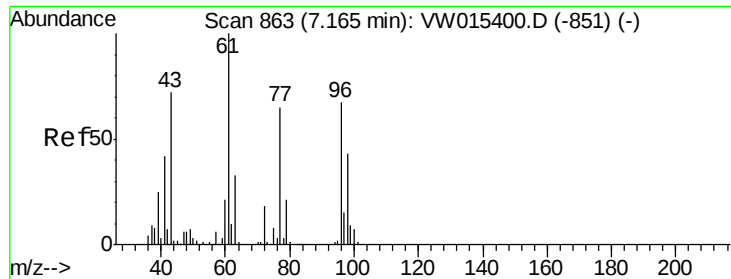
Tgt Ion: 77 Resp: 431457

Ion Ratio Lower Upper

77 100

97 22.4 11.1 33.1



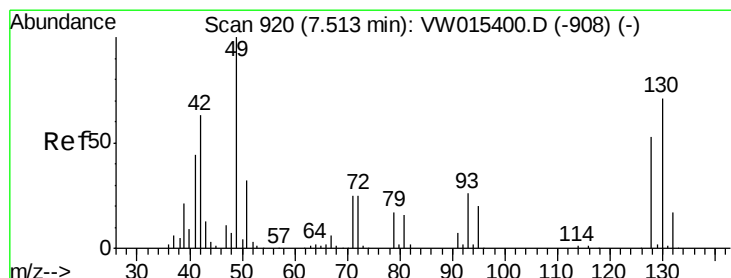
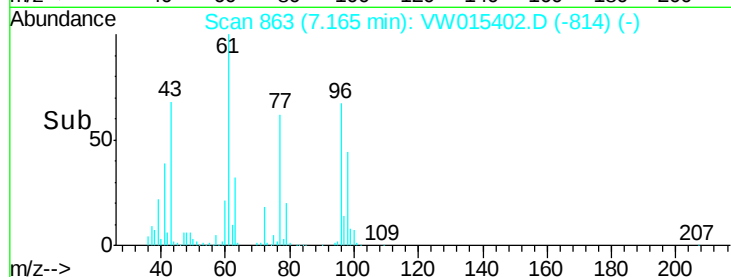
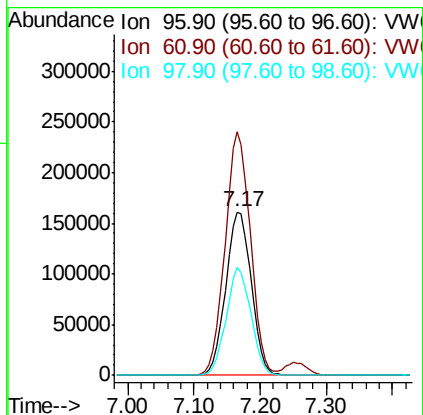
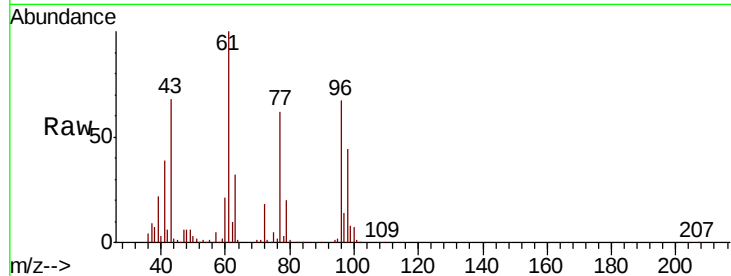


#27

cis-1,2-Dichloroethene
Concen: 168.925 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW015402.D
Acq: 05 May 2020 18:15

Instrument :
MSVOA_W
ClientSampled :

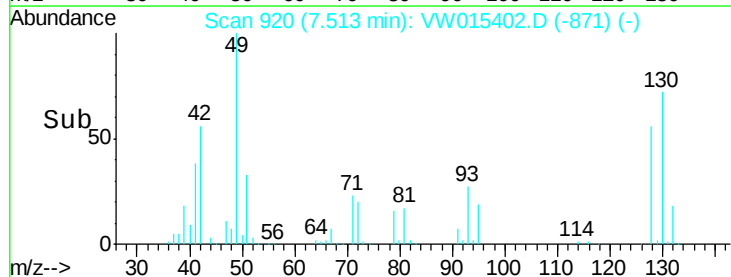
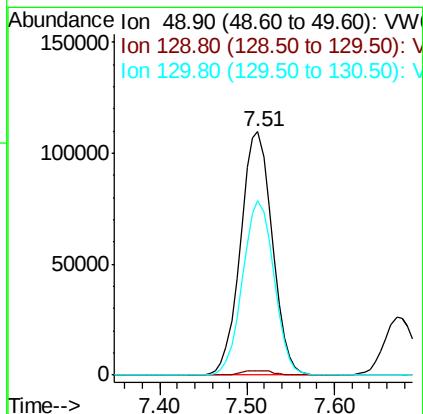
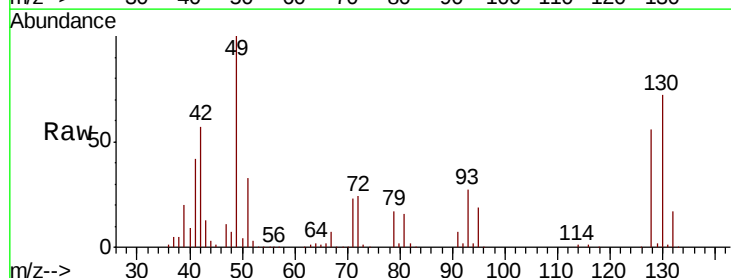
Tot Ion	96	Resp	429201
Ion	Ratio	Lower	Upper
96	100		
61	148.1	0.0	304.6
98	64.0	0.0	129.2

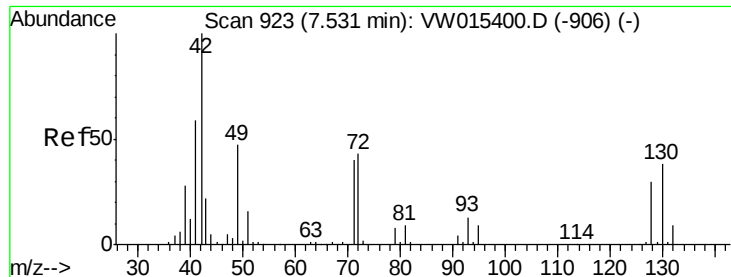


#28

Bromochloromethane
Concen: 199.892 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW015402.D
Acq: 05 May 2020 18:15

Tgt Ion	49	Resp	277101
Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.0
130	70.8	57.0	85.4





#29

Tetrahydrofuran

Concen: 1027.690 ug/l

RT: 7.53 min Scan# 923

Delta R.T. -0.00 min

Lab File: VW015402.D

Acq: 05 May 2020 18:15

Instrument :

MSVOA_W

ClientSampleId :

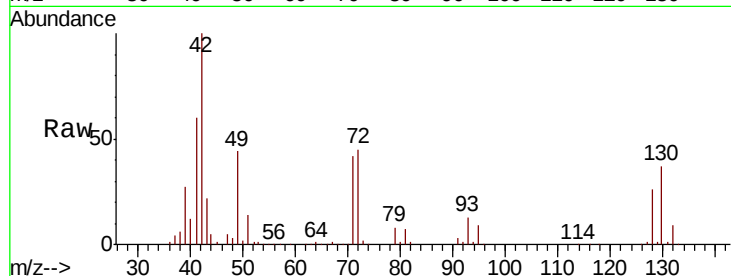
Tot Ion: 42 Resp: 311831

Ion Ratio Lower Upper

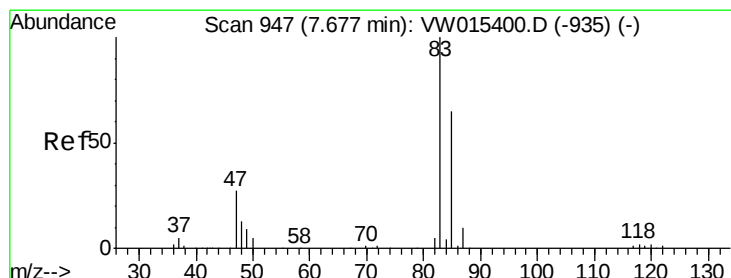
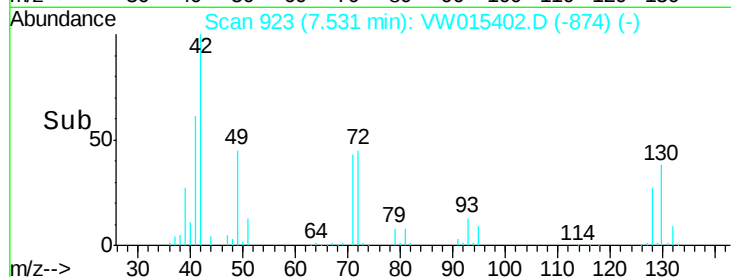
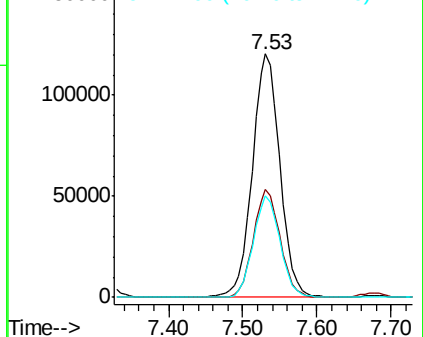
42 100

72 43.1 33.6 50.4

71 40.6 32.1 48.1



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



#30

Chloroform

Concen: 173.352 ug/l

RT: 7.68 min Scan# 947

Delta R.T. -0.00 min

Lab File: VW015402.D

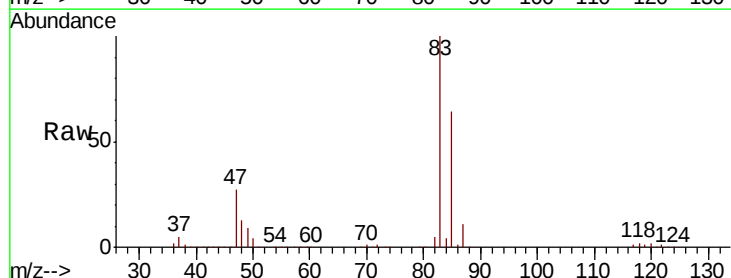
Acq: 05 May 2020 18:15

Tgt Ion: 83 Resp: 691789

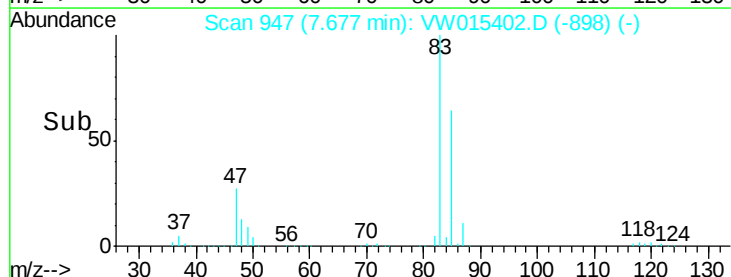
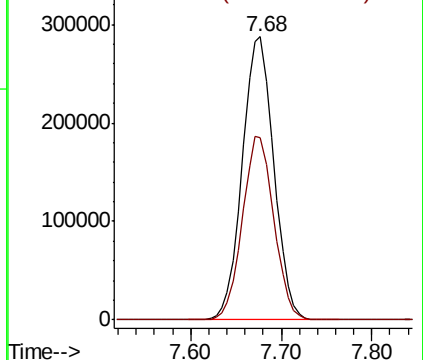
Ion Ratio Lower Upper

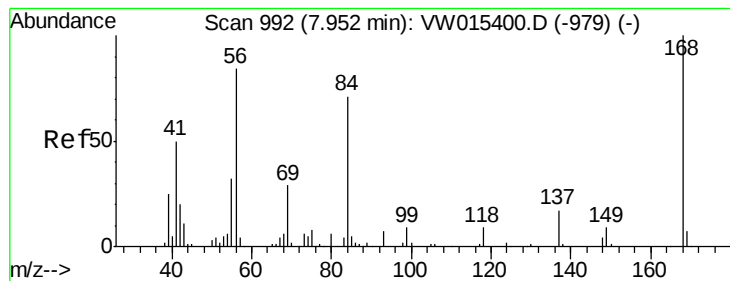
83 100

85 64.5 51.8 77.6



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





#31

Cyclohexane

Concen: 171.996 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW015402.D

Acq: 05 May 2020 18:15

Instrument :

MSVOA_W

ClientSampled :

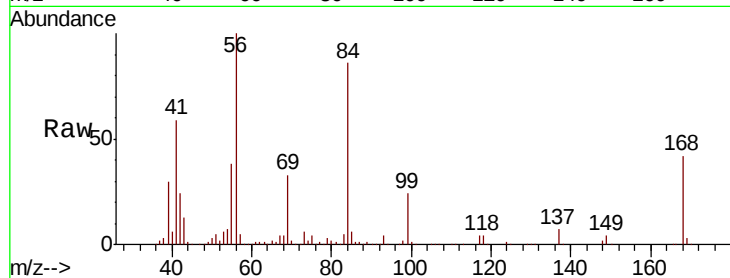
Tot Ion: 56 Resp: 651648

Ion Ratio Lower Upper

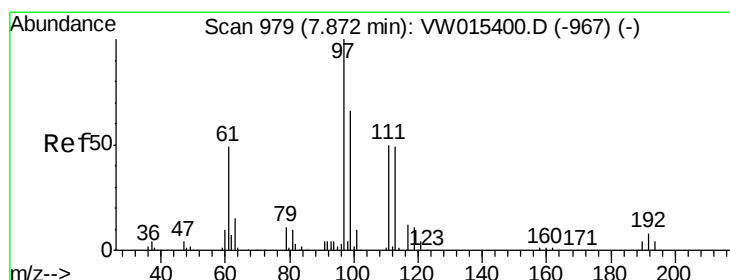
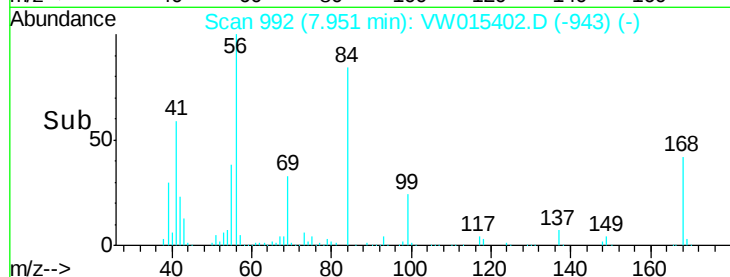
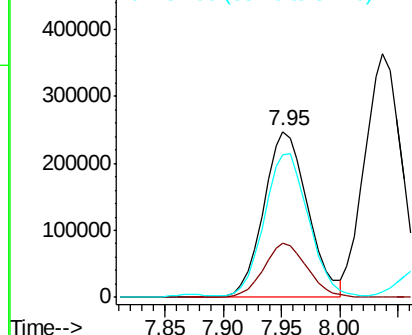
56 100

69 32.6 27.2 40.8

84 84.2 67.7 101.5



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: 150.286 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW015402.D

Acq: 05 May 2020 18:15

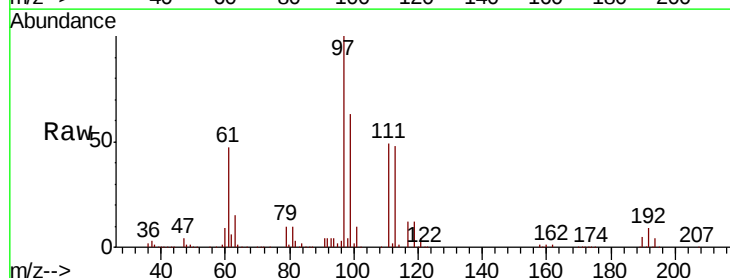
Tgt Ion: 97 Resp: 568055

Ion Ratio Lower Upper

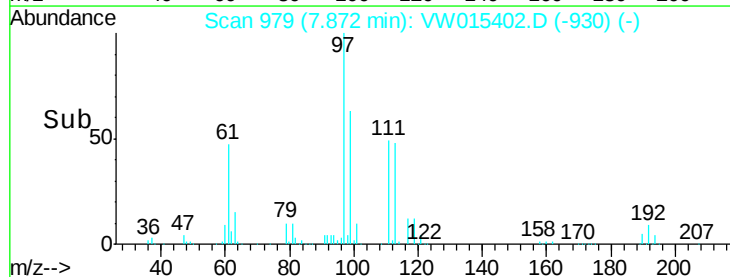
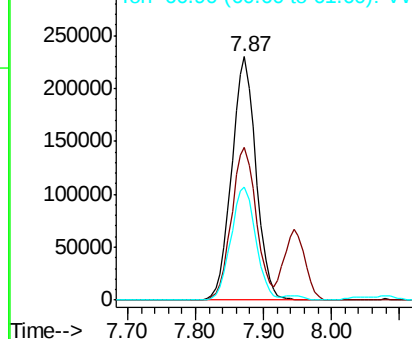
97 100

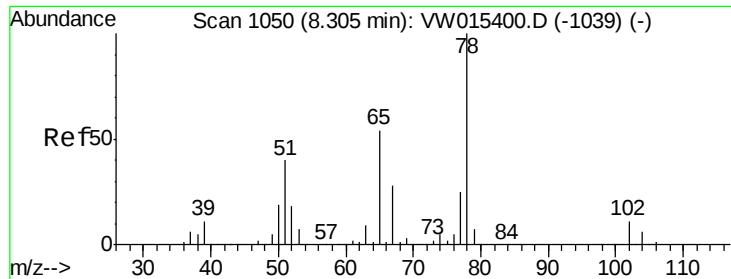
99 64.7 50.7 76.1

61 47.9 38.0 57.0



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

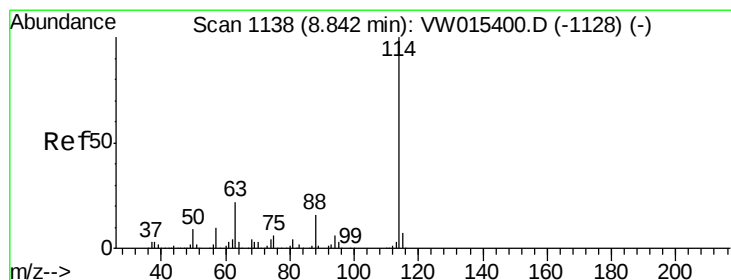
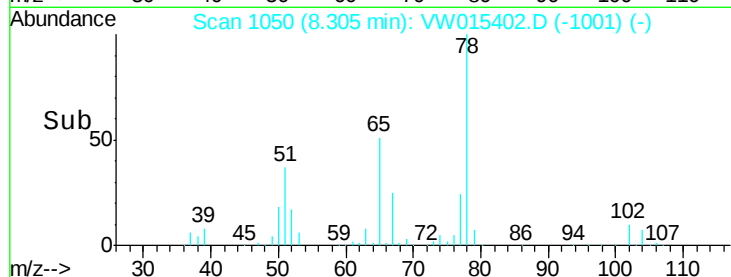
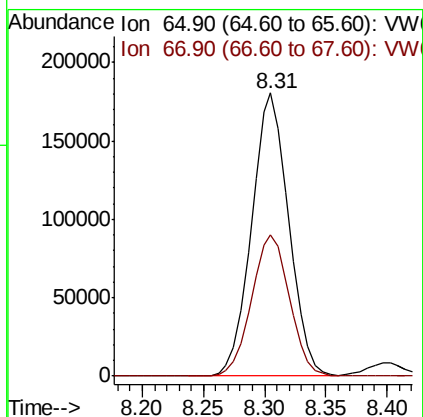
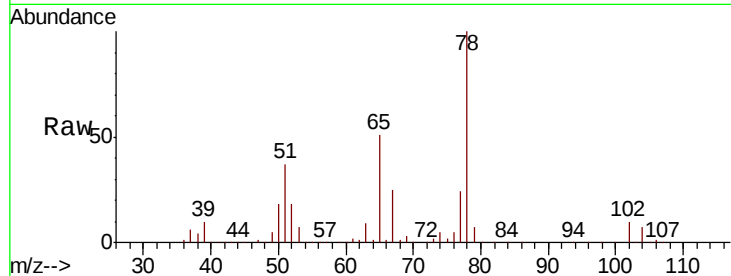




#33
 1,2-Dichloroethane-d4
 Concen: 186.701 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW015402.D
 Acq: 05 May 2020 18:15

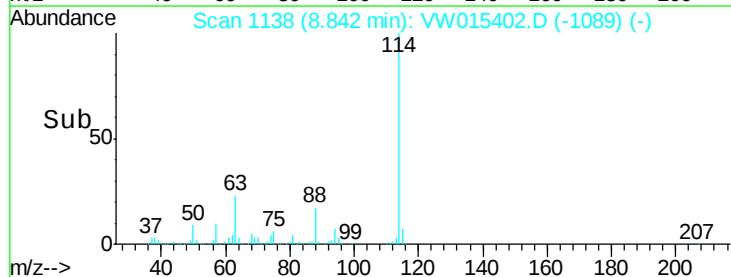
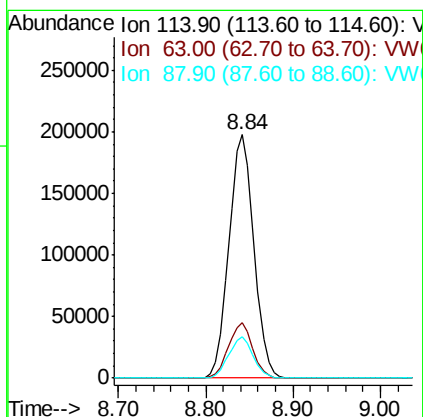
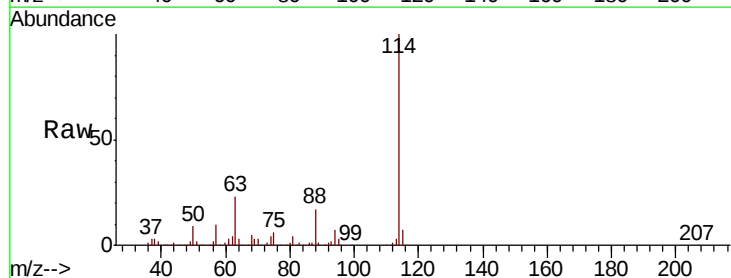
Instrument :
 MSVOA_W
 ClientSampled :

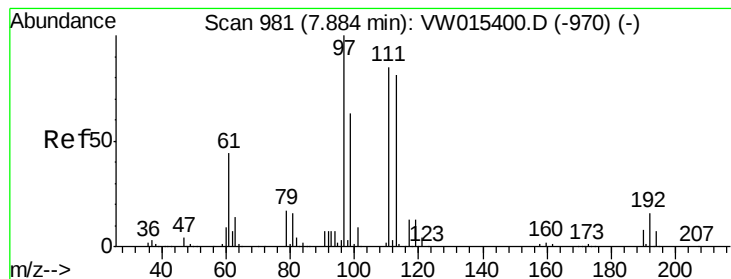
Tot Ion: 65 Resp: 380765
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW015402.D
 Acq: 05 May 2020 18:15

Tgt Ion: 114 Resp: 390830
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 43.4
 88 17.1 0.0 31.8





#35

Dibromofluoromethane

Concen: 151.799 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW015402.D

Acq: 05 May 2020 18:15

Instrument :

MSVOA_W

ClientSampleId :

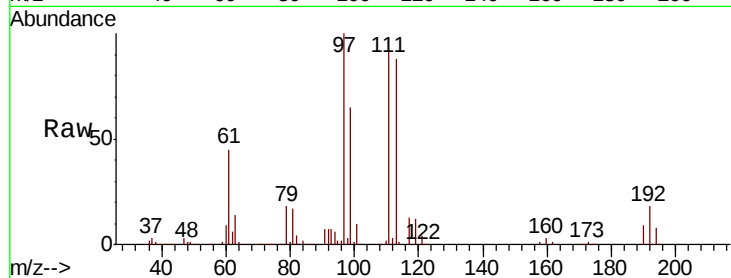
Tot Ion:113 Resp: 330121

Ion Ratio Lower Upper

113 100

111 104.8 82.9 124.3

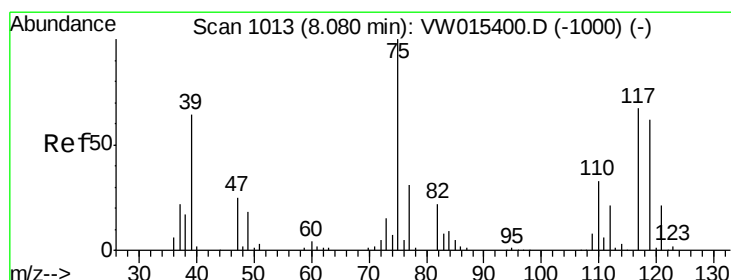
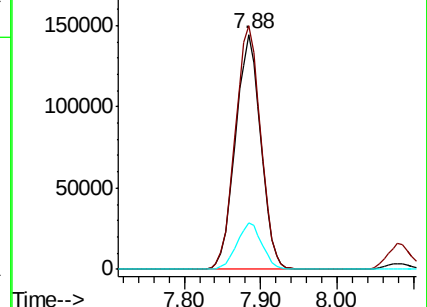
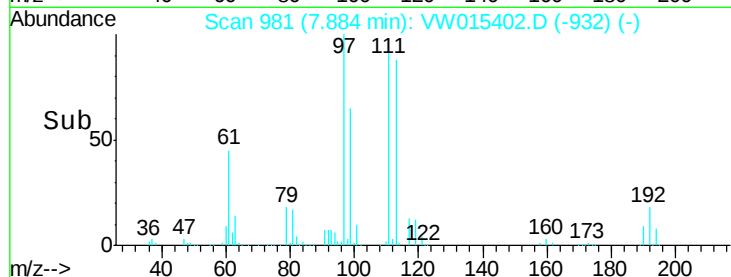
192 19.6 15.4 23.0



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: 157.158 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VW015402.D

Acq: 05 May 2020 18:15

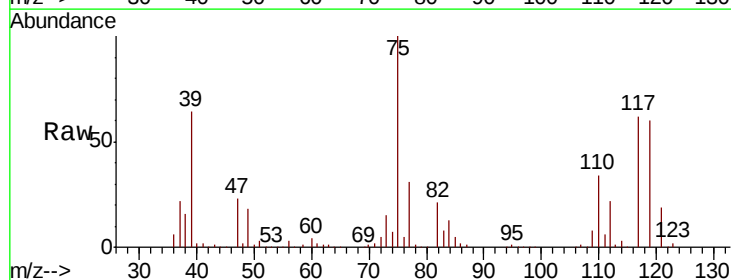
Tgt Ion: 75 Resp: 566334

Ion Ratio Lower Upper

75 100

110 33.5 16.6 49.8

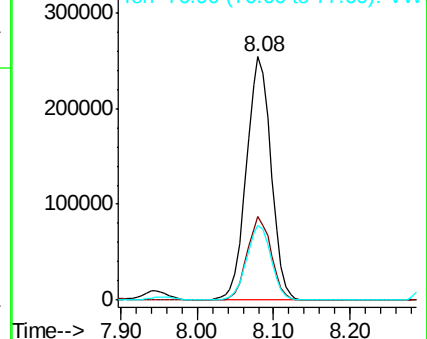
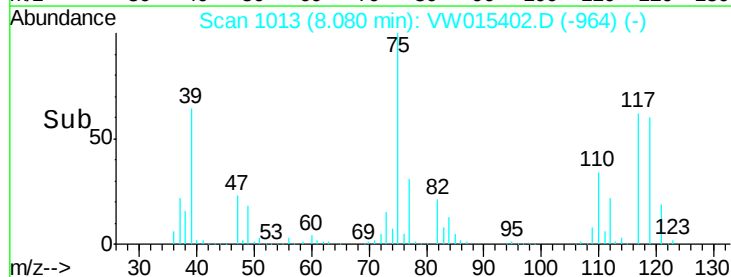
77 30.9 24.5 36.7

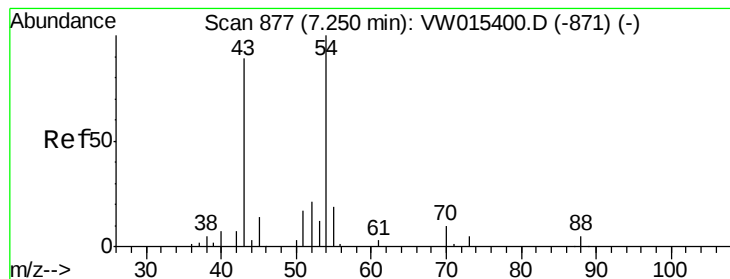


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#37

Ethyl Acetate

Concen: 184.967 ug/l

RT: 7.25 min Scan# 877

Delta R.T. -0.00 min

Lab File: VW015402.D

Acq: 05 May 2020 18:15

Instrument :

MSVOA_W

ClientSampleId :

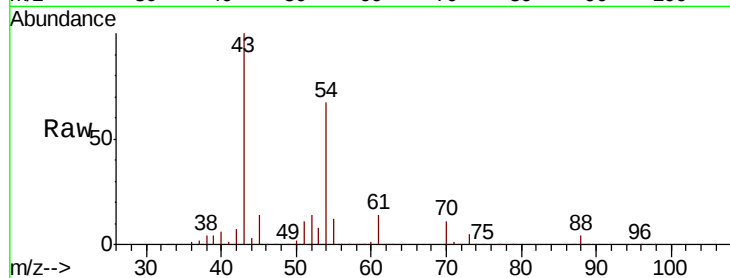
Tot Ion: 43 Resp: 225105

Ion Ratio Lower Upper

43 100

61 13.3 10.2 15.2

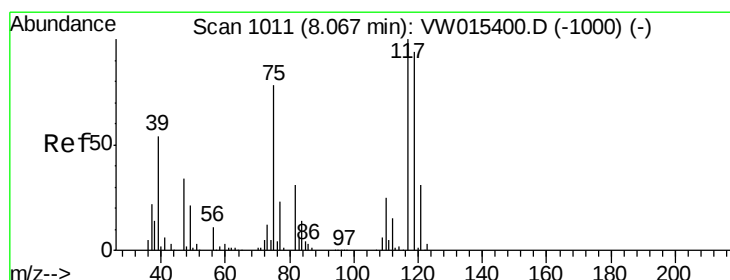
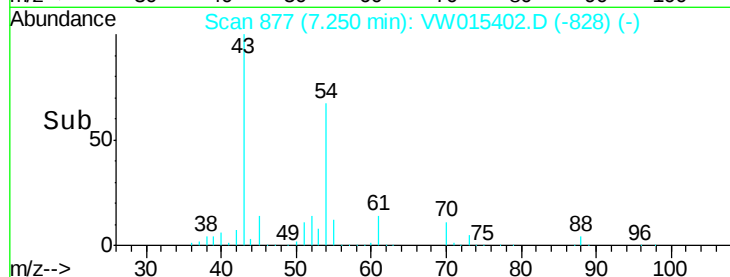
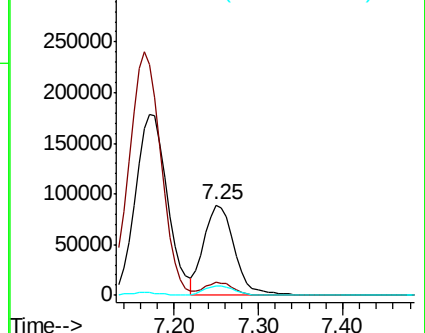
70 10.6 8.0 12.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 70.00 (69.70 to 70.70): VW



#38

Carbon Tetrachloride

Concen: 138.456 ug/l

RT: 8.07 min Scan# 1011

Delta R.T. -0.00 min

Lab File: VW015402.D

Acq: 05 May 2020 18:15

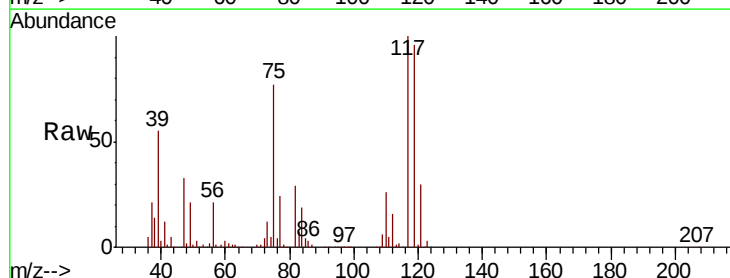
Tgt Ion: 117 Resp: 533177

Ion Ratio Lower Upper

117 100

119 95.8 75.4 113.0

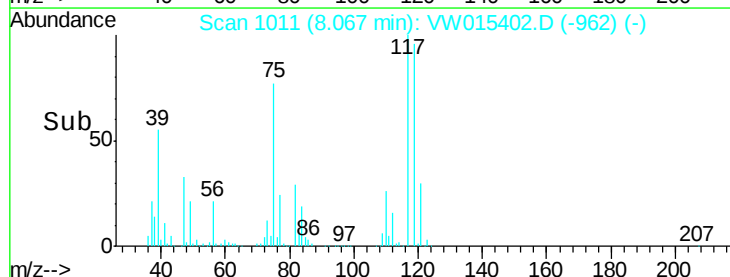
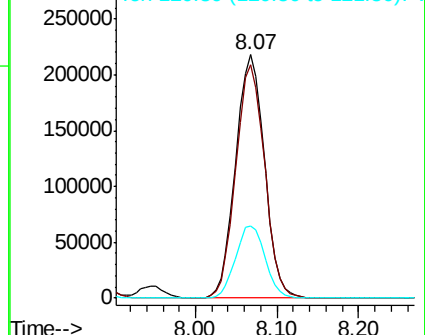
121 29.9 24.8 37.2

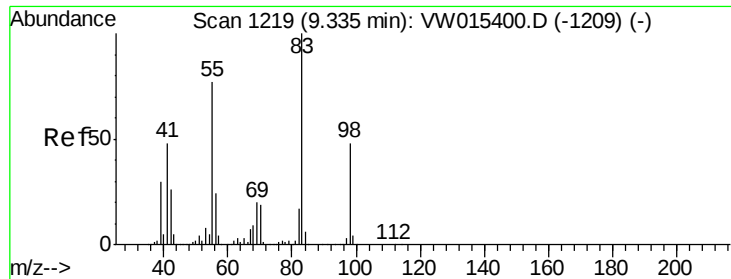


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

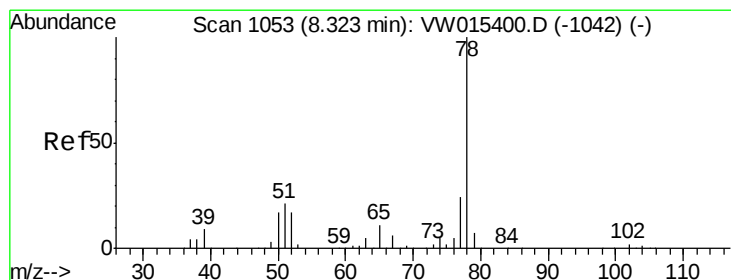
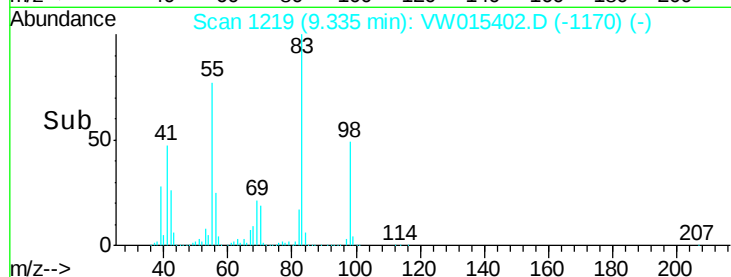
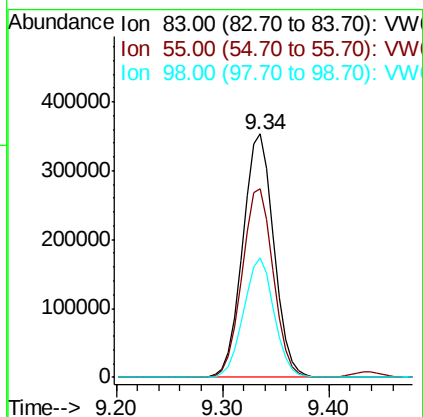
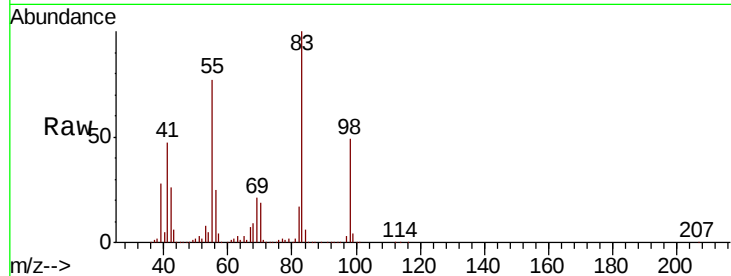




#39
Methvlcvclohexane
Concen: 152.468 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW015402.D
Acq: 05 May 2020 18:15

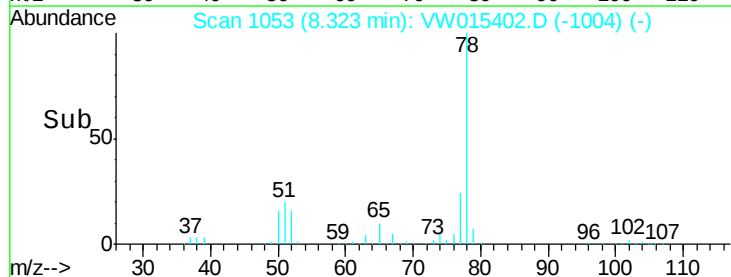
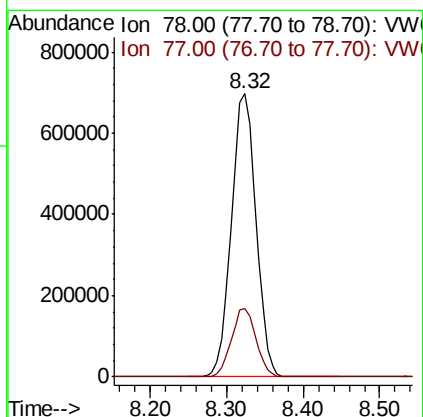
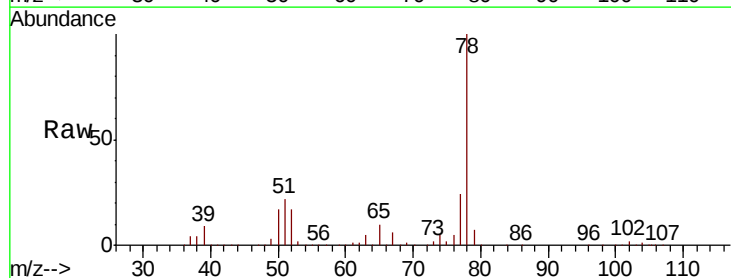
Instrument :
MSVOA_W
ClientSampleId :

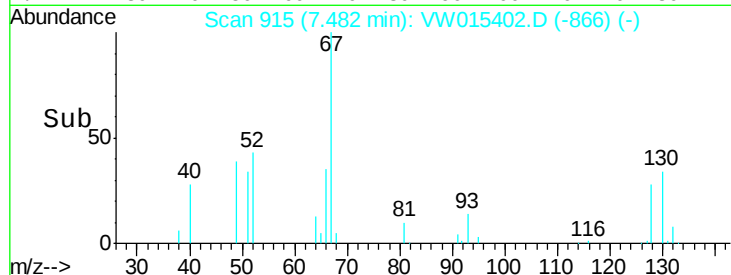
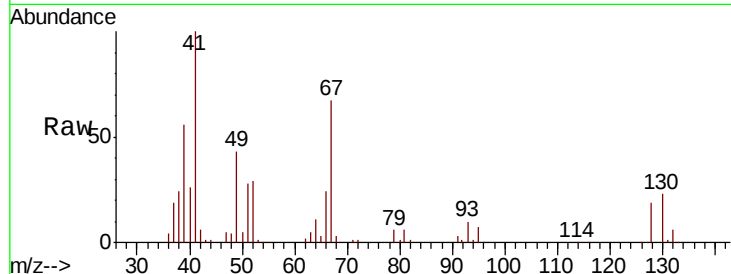
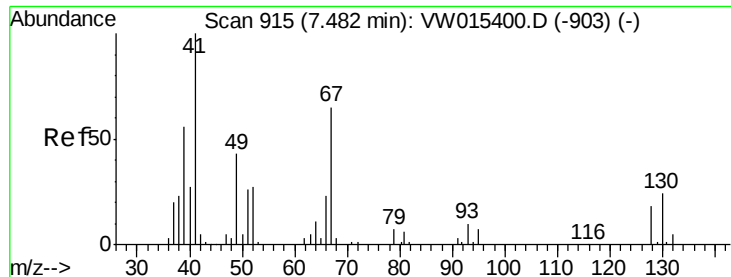
Tot Ion: 83 Resp: 725078
Ion Ratio Lower Upper
83 100
55 77.4 61.9 92.9
98 49.0 38.2 57.2



#40
Benzene
Concen: 161.301 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW015402.D
Acq: 05 May 2020 18:15

Tgt Ion: 78 Resp: 1551417
Ion Ratio Lower Upper
78 100
77 24.1 19.0 28.4





#41

Methacrylonitrile

Concen: 202.629 ug/l

RT: 7.48 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW015402.D

Acq: 05 May 2020 18:15

Tot Ion: 41 Resp: 148590

Ion Ratio Lower Upper

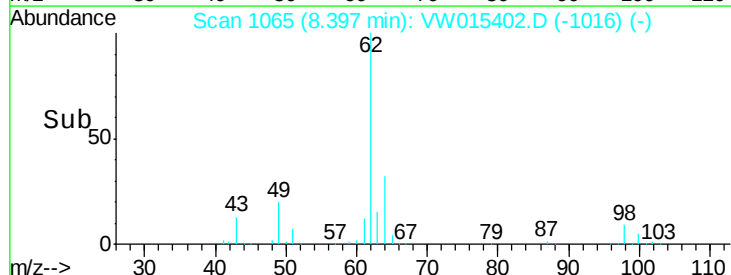
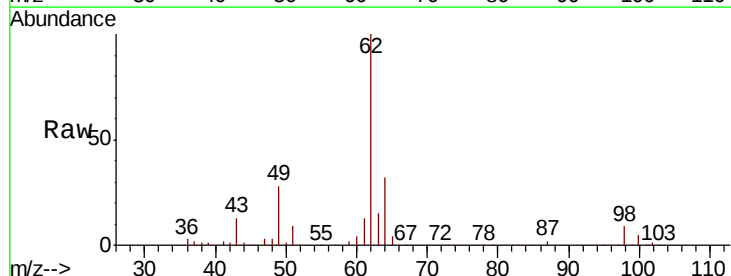
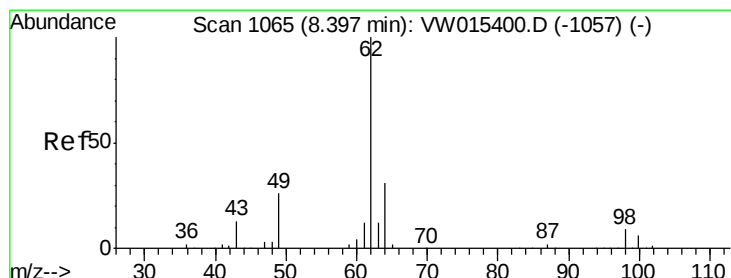
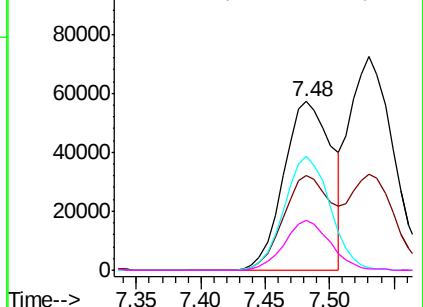
41 100

39 55.8 46.2 69.4

67 64.4 56.2 84.2

52 28.3 25.0 37.6

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: 164.575 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. -0.00 min

Lab File: VW015402.D

Acq: 05 May 2020 18:15

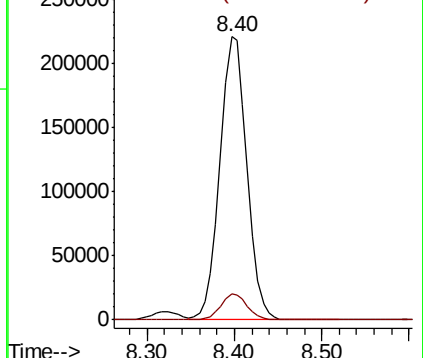
Tgt Ion: 62 Resp: 470737

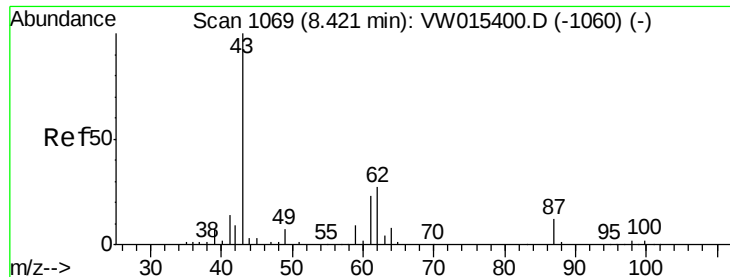
Ion Ratio Lower Upper

62 100

98 9.0 0.0 17.6

Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 185.463 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW015402.D

Acq: 05 May 2020 18:15

Instrument :

MSVOA_W

ClientSampleId :

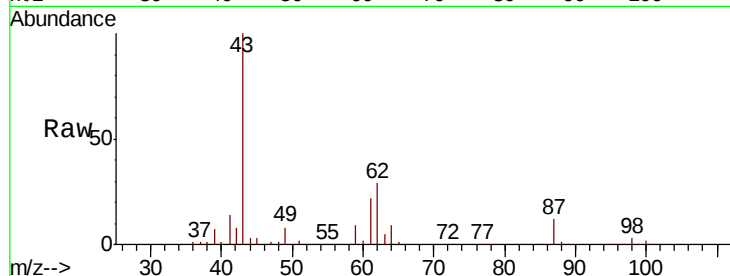
Tot Ion: 43 Resp: 469063

Ion Ratio Lower Upper

43 100

61 30.2 24.3 36.5

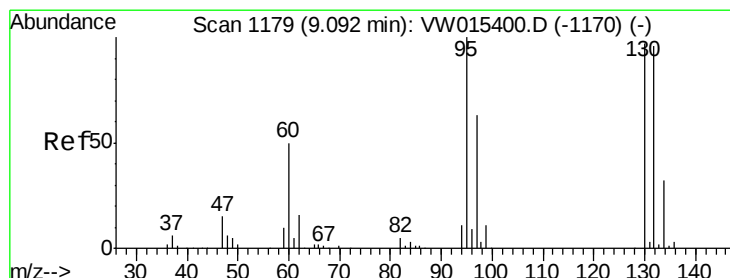
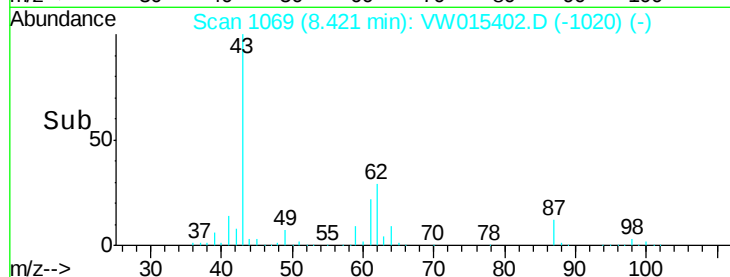
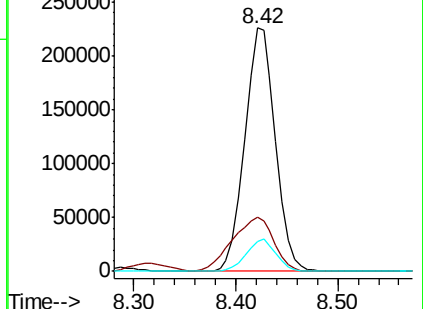
87 12.8 10.1 15.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 140.746 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW015402.D

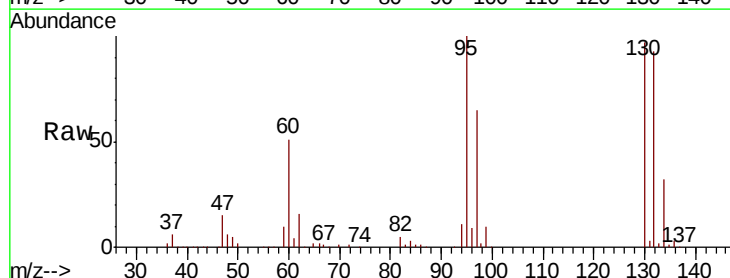
Acq: 05 May 2020 18:15

Tgt Ion:130 Resp: 404059

Ion Ratio Lower Upper

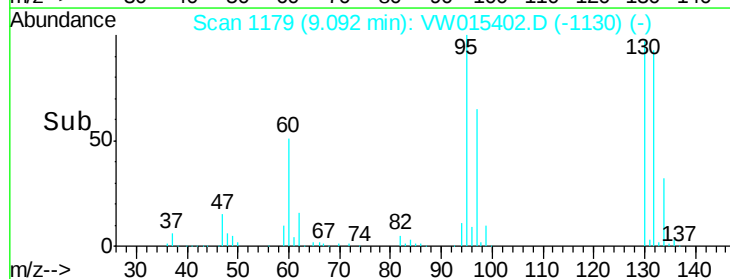
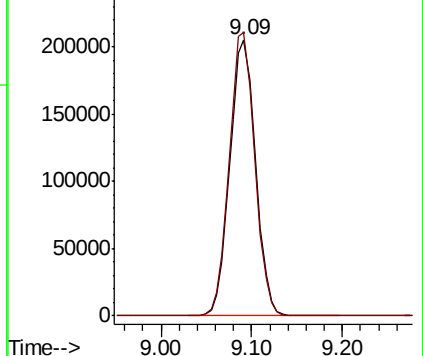
130 100

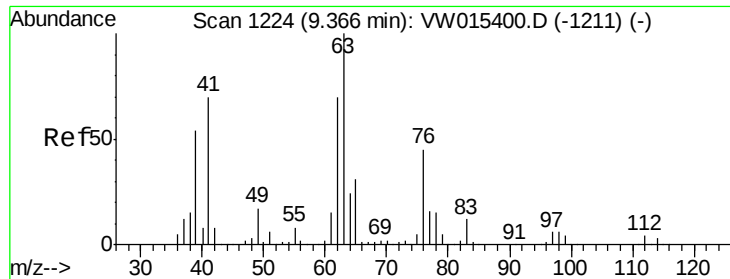
95 102.6 0.0 205.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 170.318 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW015402.D

Acq: 05 May 2020 18:15

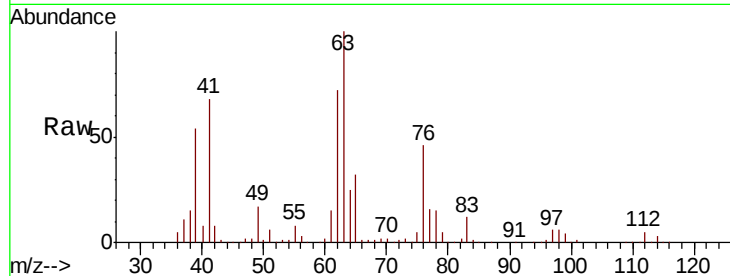
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 63 Resp: 385798

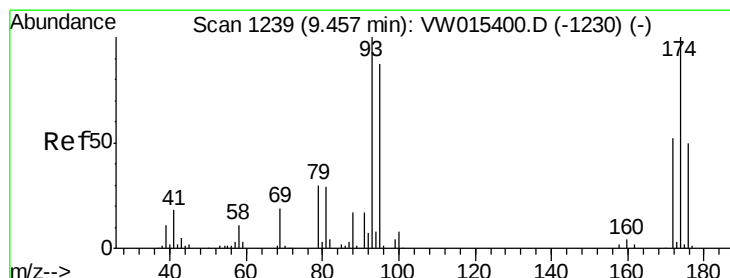
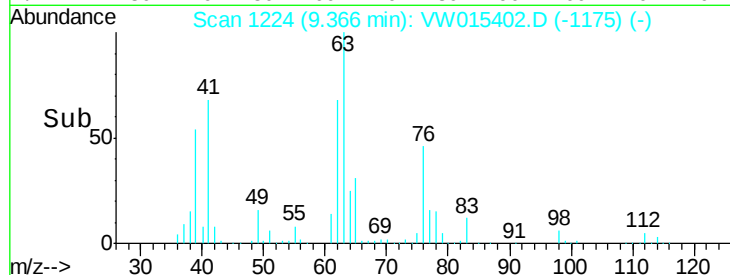
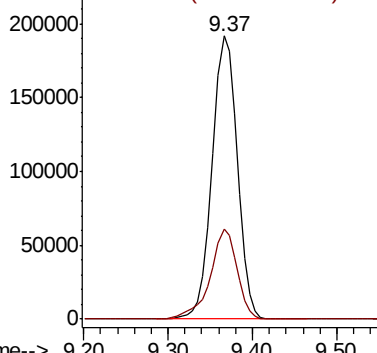
Ion Ratio Lower Upper

63 100

65 31.7 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VW
Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 151.971 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW015402.D

Acq: 05 May 2020 18:15

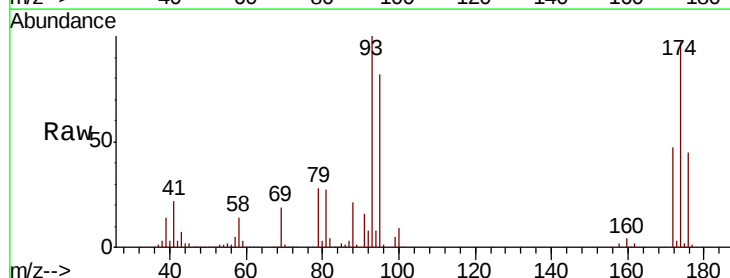
Tgt Ion: 93 Resp: 194488

Ion Ratio Lower Upper

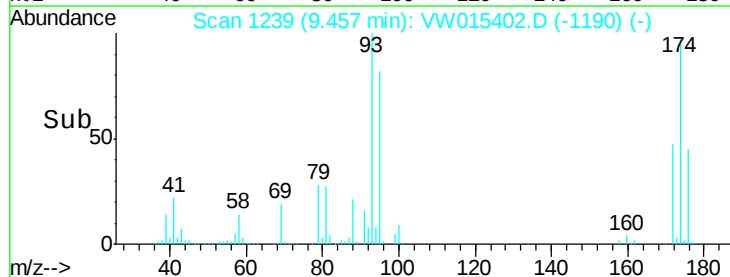
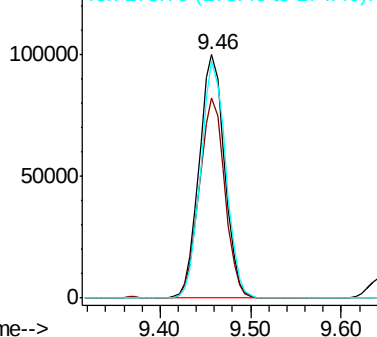
93 100

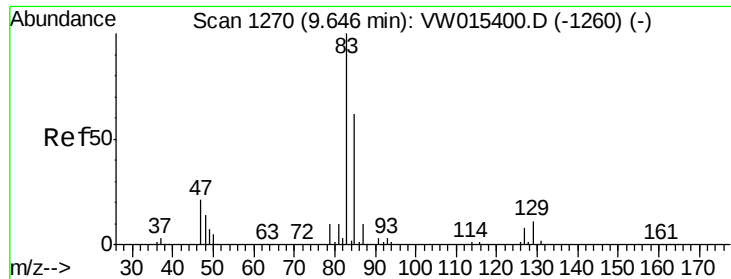
95 82.2 67.0 100.4

174 96.2 78.4 117.6



Abundance Ion 92.80 (92.50 to 93.50): VW
Ion 94.80 (94.50 to 95.50): VW
Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 155.595 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW015402.D

Acq: 05 May 2020 18:15

Instrument :

MSVOA_W

ClientSampleId :

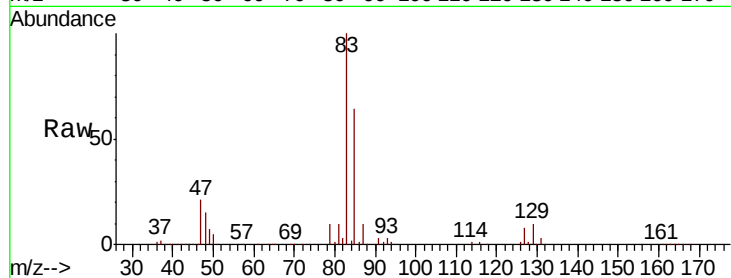
Tot Ion: 83 Resp: 534319

Ion Ratio Lower Upper

83 100

85 64.3 49.4 74.0

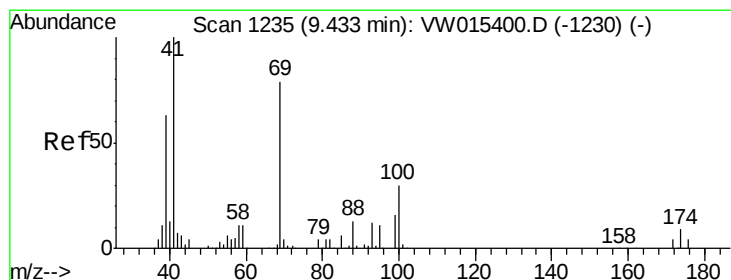
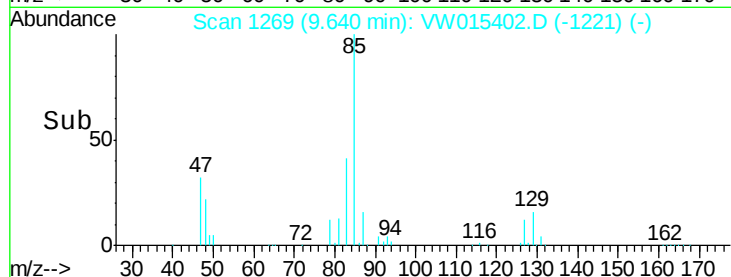
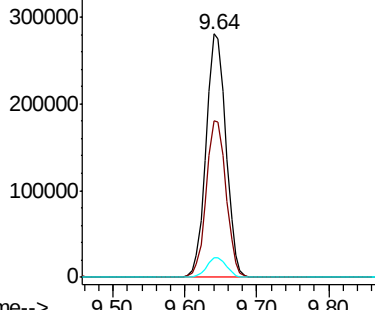
127 8.0 6.4 9.6



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: 187.657 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VW015402.D

Acq: 05 May 2020 18:15

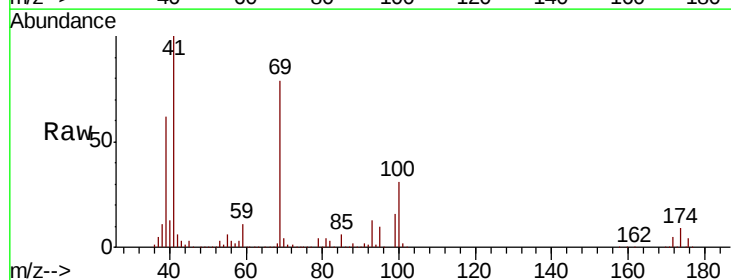
Tgt Ion: 41 Resp: 223290

Ion Ratio Lower Upper

41 100

69 83.7 66.2 99.4

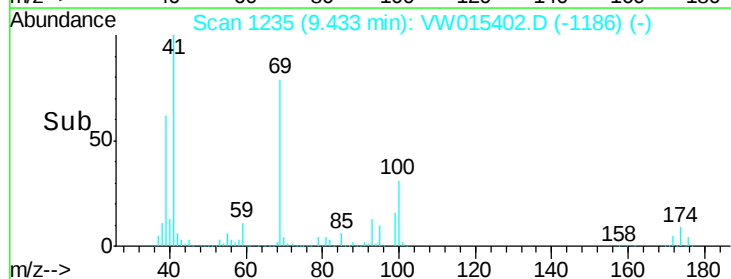
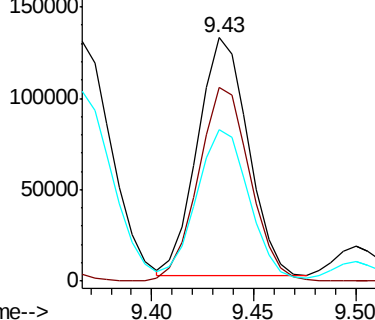
39 64.0 51.1 76.7

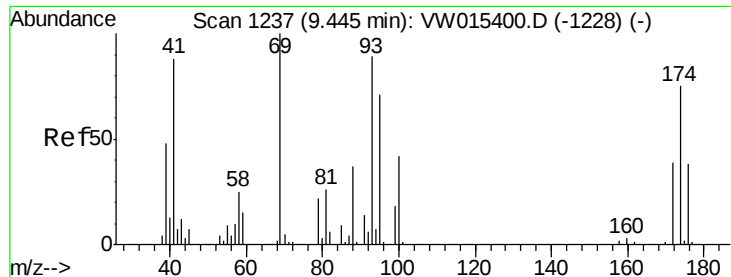


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 2766.700 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.01 min

Lab File: VW015402.D

Acq: 05 May 2020 18:15

Instrument :

MSVOA_W

ClientSampleId :

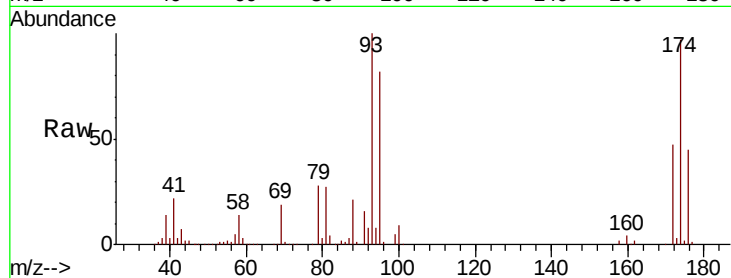
Tot Ion: 88 Resp: 46735

Ion Ratio Lower Upper

88 100

43 0.0 30.6 45.8#

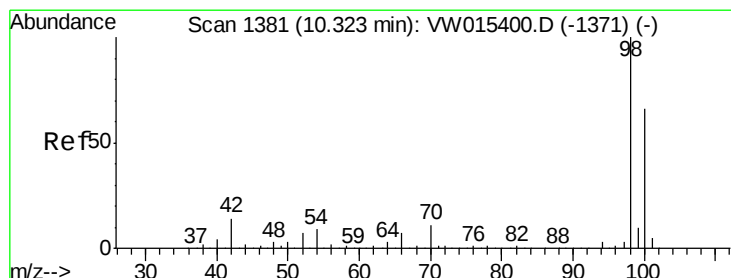
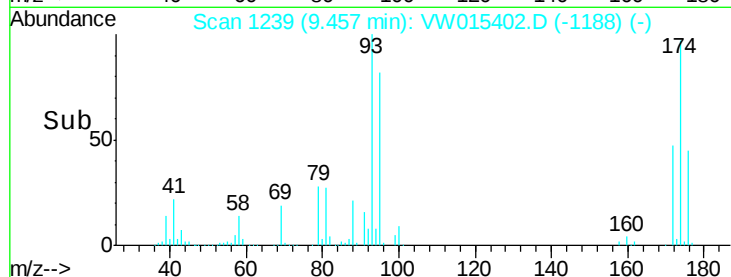
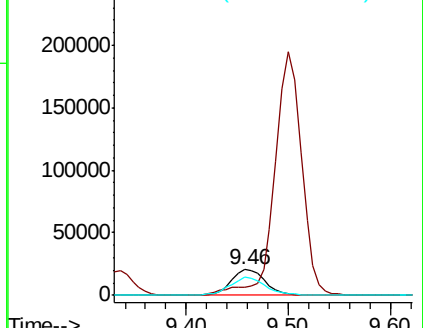
58 75.2 56.3 84.5



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: 149.930 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW015402.D

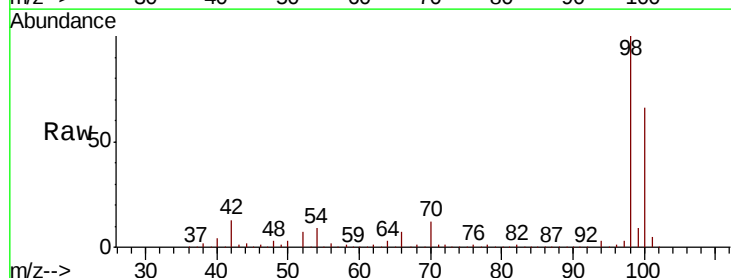
Acq: 05 May 2020 18:15

Tgt Ion: 98 Resp: 1368740

Ion Ratio Lower Upper

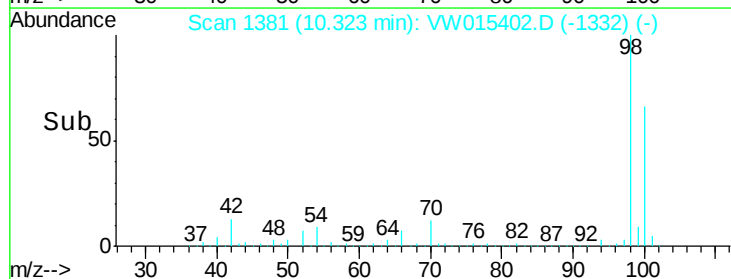
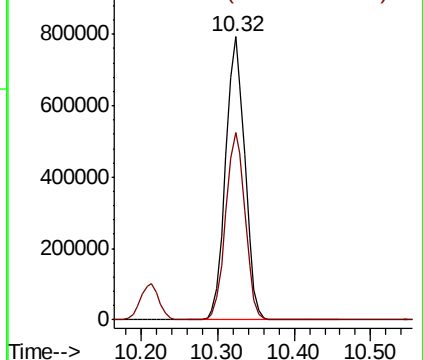
98 100

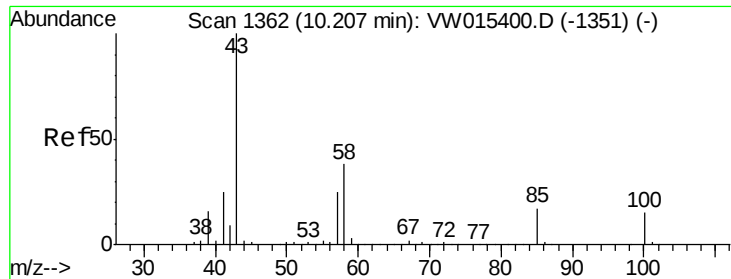
100 67.1 52.7 79.1



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: 927.160 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW015402.D

Acq: 05 May 2020 18:15

Instrument :

MSVOA_W

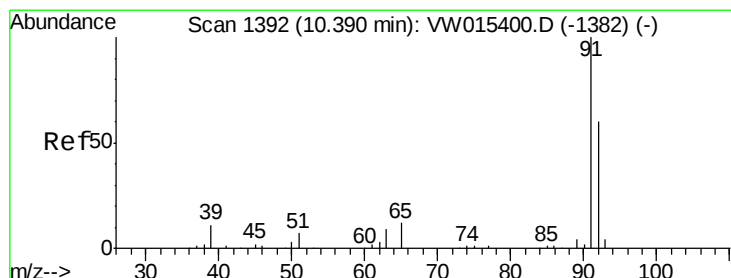
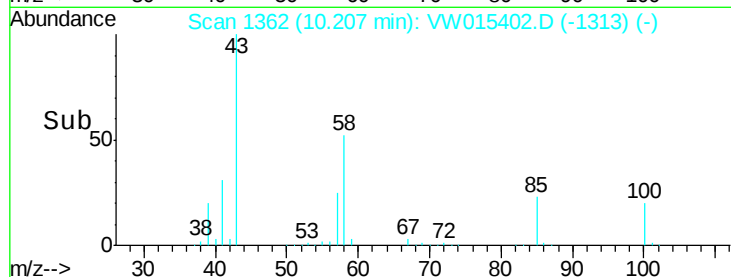
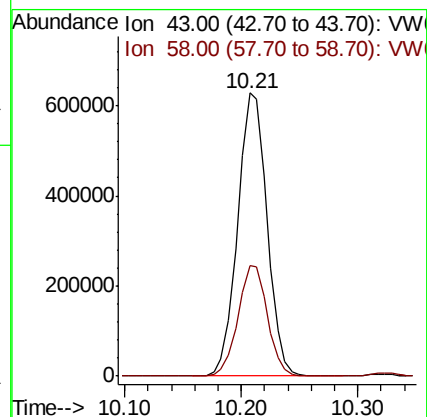
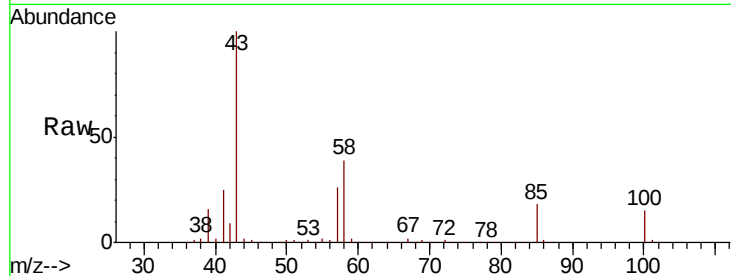
ClientSampled :

Tot Ion: 43 Resp: 1105051

Ion Ratio Lower Upper

43 100

58 38.9 30.8 46.2



#52

Toluene

Concen: 153.825 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW015402.D

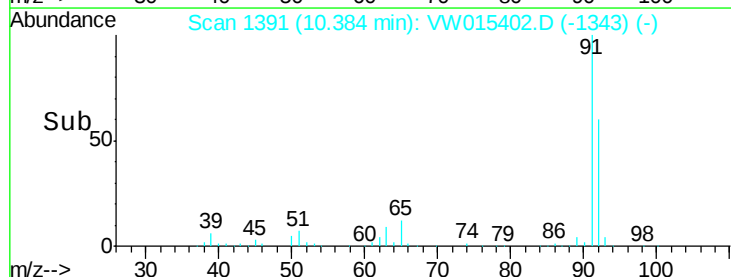
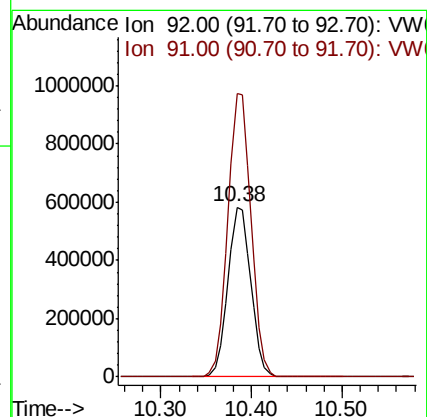
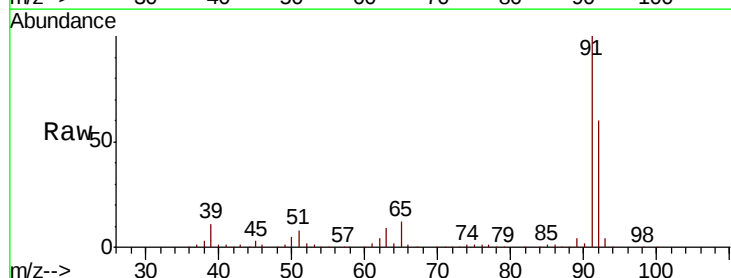
Acq: 05 May 2020 18:15

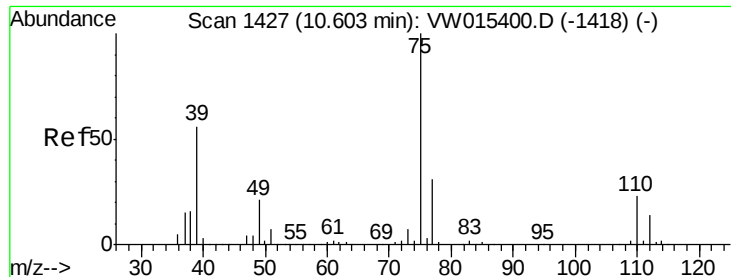
Tgt Ion: 92 Resp: 1024172

Ion Ratio Lower Upper

92 100

91 168.7 135.9 203.9

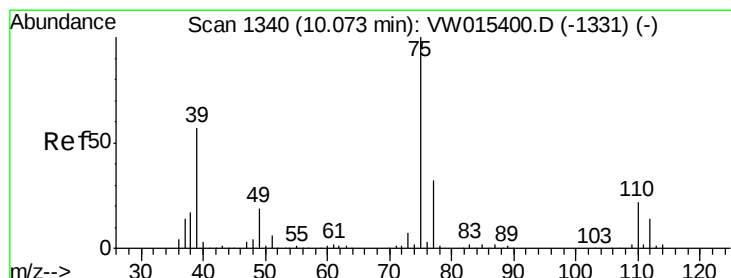
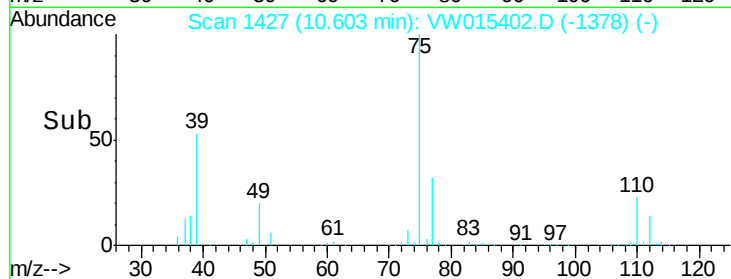
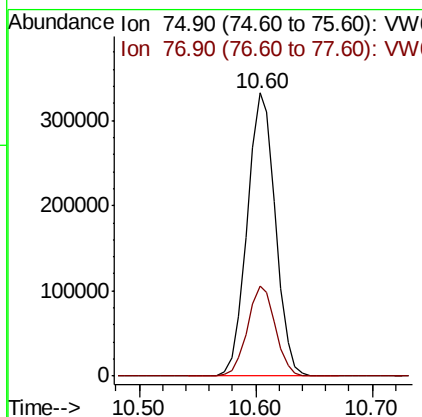
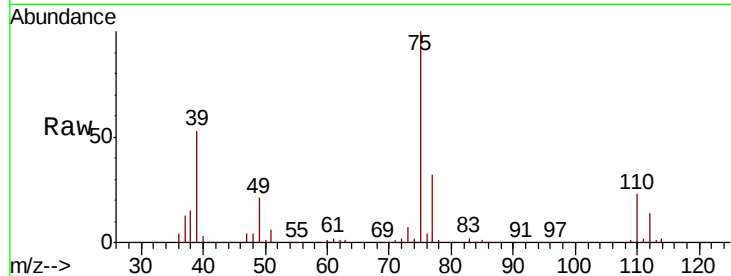




#53
 t-1,3-Dichloropropene
 Concen: 165.156 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.00 min
 Lab File: VW015402.D
 Acq: 05 May 2020 18:15

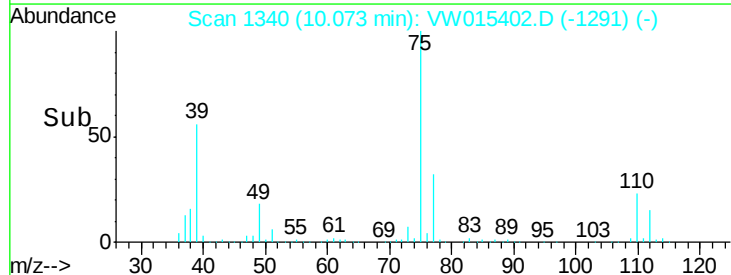
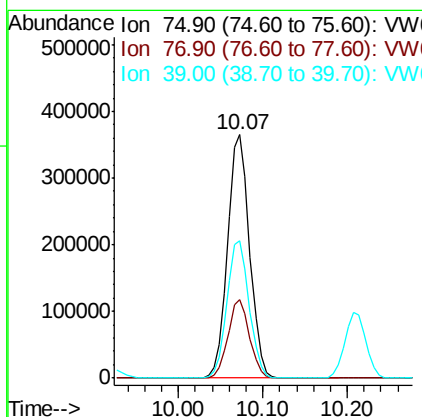
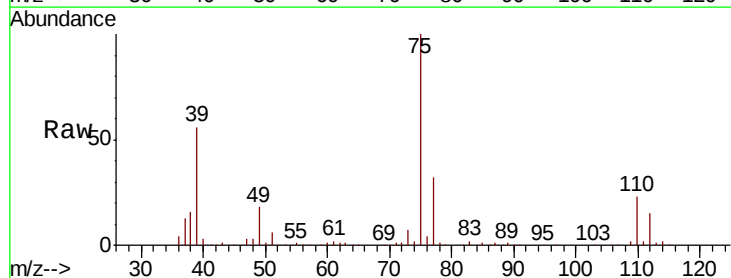
Instrument :
 MSVOA_W
 ClientSampleId :

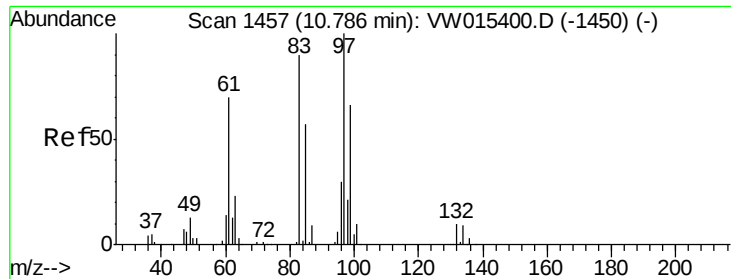
Tot Ion: 75 Resp: 561315
 Ion Ratio Lower Upper
 75 100
 77 31.9 24.9 37.3



#54
 cis-1,3-Dichloropropene
 Concen: 163.662 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW015402.D
 Acq: 05 May 2020 18:15

Tgt Ion: 75 Resp: 648406
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.6 38.4
 39 56.3 45.6 68.4





#55

1,1,2-Trichloroethane

Concen: 152.737 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW015402.D

Acq: 05 May 2020 18:15

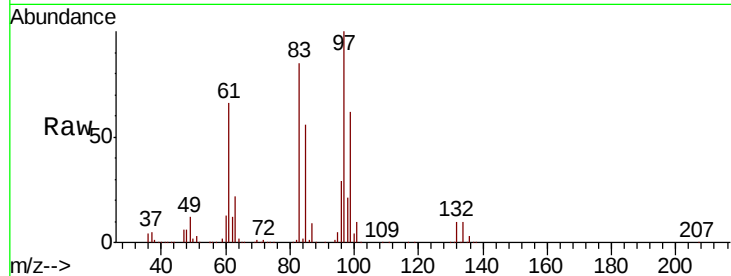
Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 97 Resp: 273795

Ion	Ratio	Lower	Upper
97	100		
83	85.0	72.2	108.4
85	55.9	45.2	67.8
99	61.9	52.6	78.8



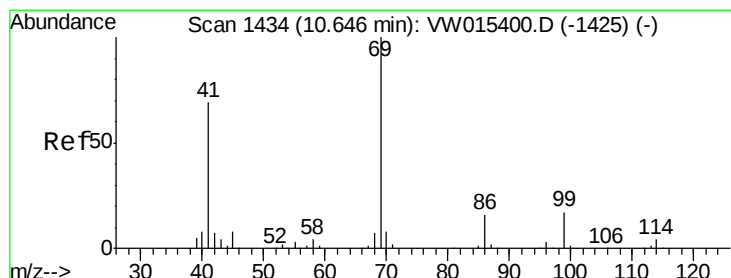
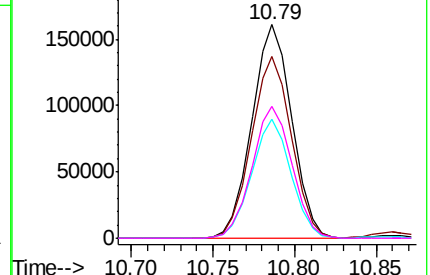
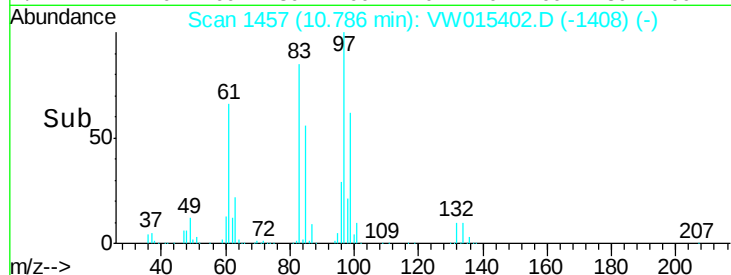
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 166.737 ug/l

RT: 10.65 min Scan# 1434

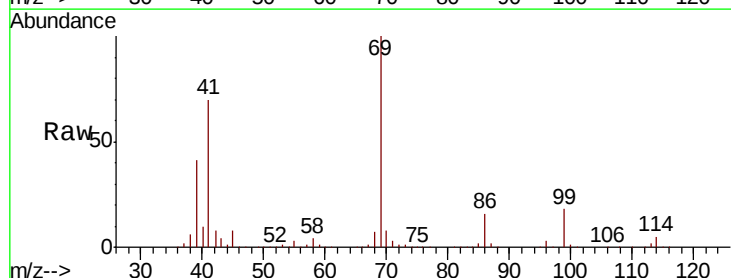
Delta R.T. -0.00 min

Lab File: VW015402.D

Acq: 05 May 2020 18:15

Tgt Ion: 69 Resp: 389726

Ion	Ratio	Lower	Upper
69	100		
41	69.9	55.3	82.9
39	38.2	31.9	47.9

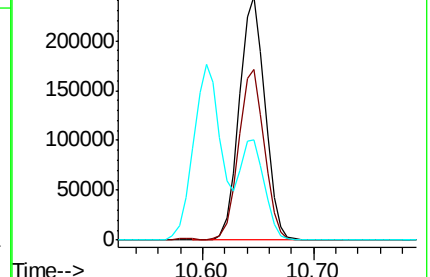
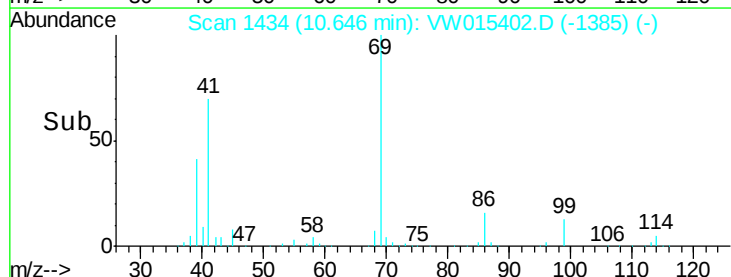


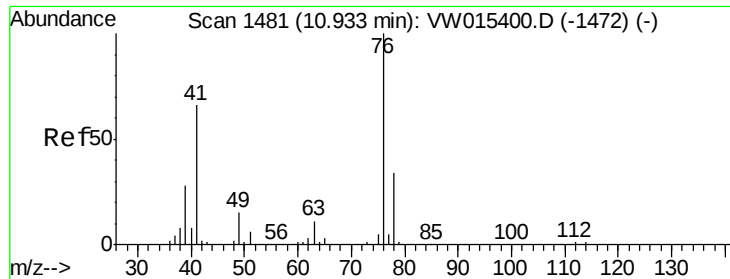
Abundance

Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

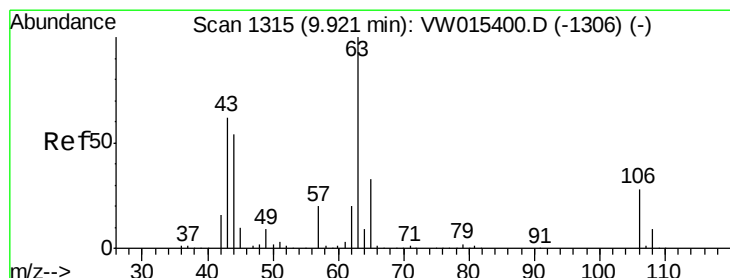
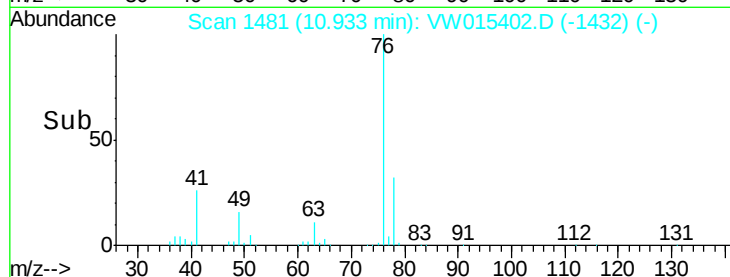
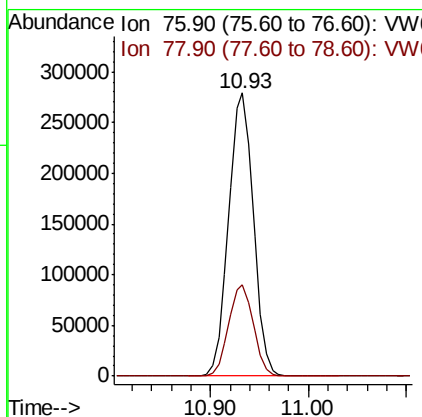
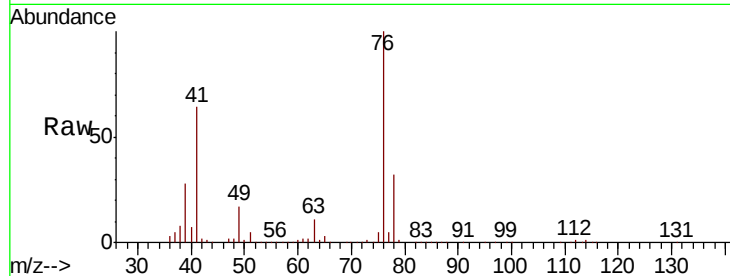




#57
 1,3-Dichloropropane
 Concen: 162.957 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW015402.D
 Acq: 05 May 2020 18:15

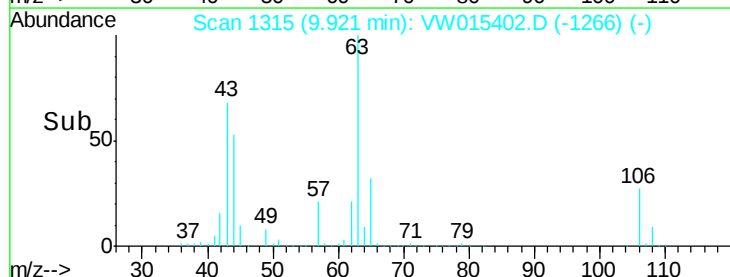
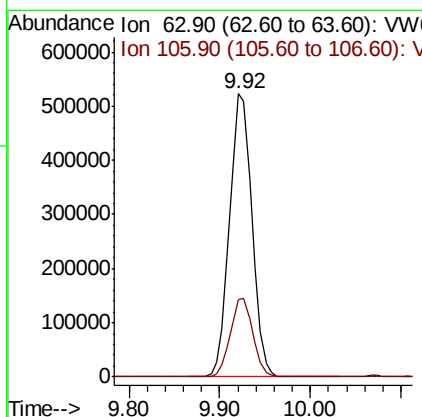
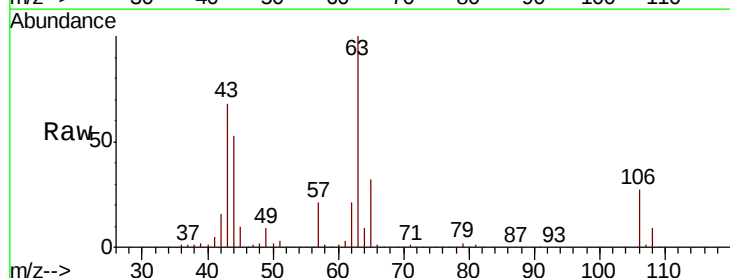
Instrument :
 MSVOA_W
 ClientSampled :

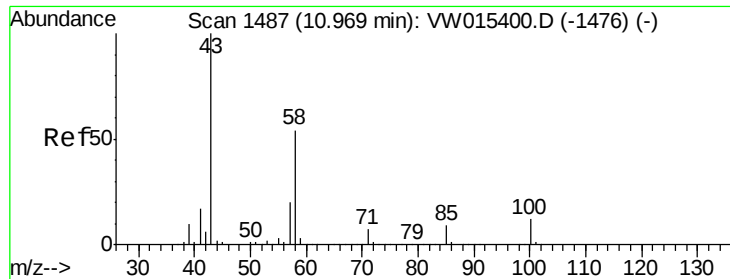
Tot Ion: 76 Resp: 489957
 Ion Ratio Lower Upper
 76 100
 78 32.2 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 826.091 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW015402.D
 Acq: 05 May 2020 18:15

Tgt Ion: 63 Resp: 898533
 Ion Ratio Lower Upper
 63 100
 106 27.8 22.6 33.8

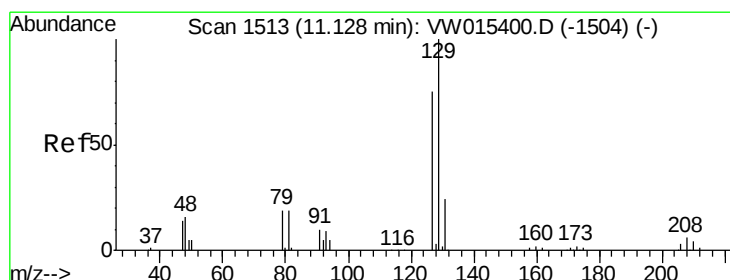
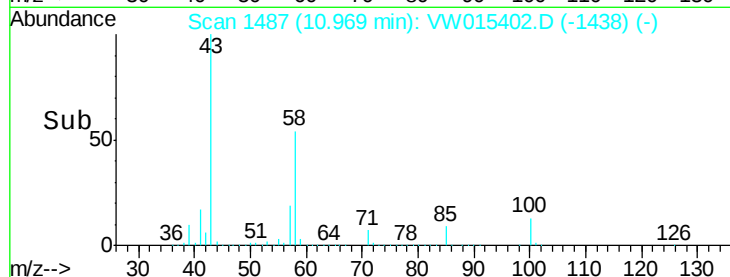
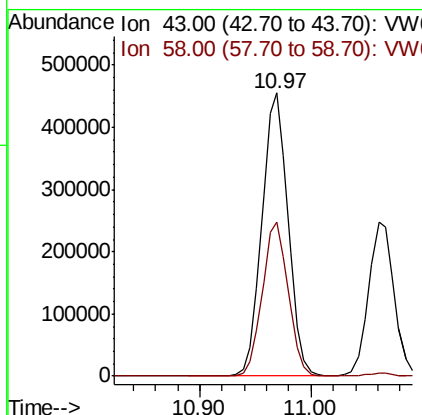
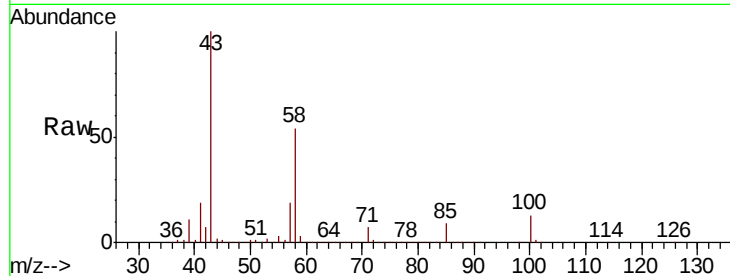




#59
2-Hexanone
Concen: 887.725 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW015402.D
Acq: 05 May 2020 18:15

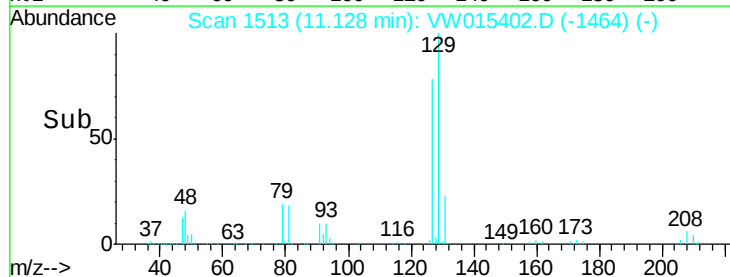
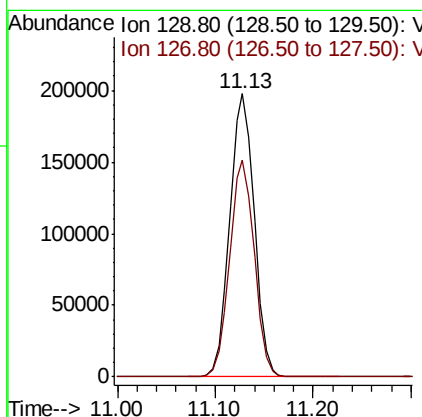
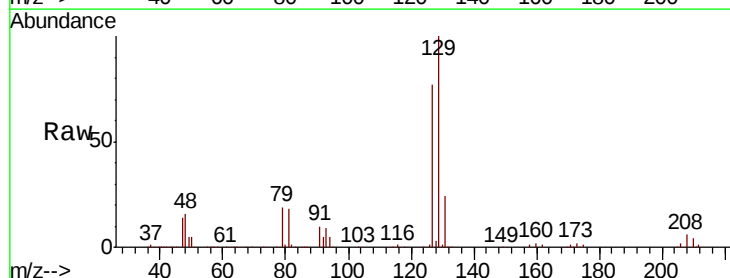
Instrument :
MSVOA_W
ClientSampled :

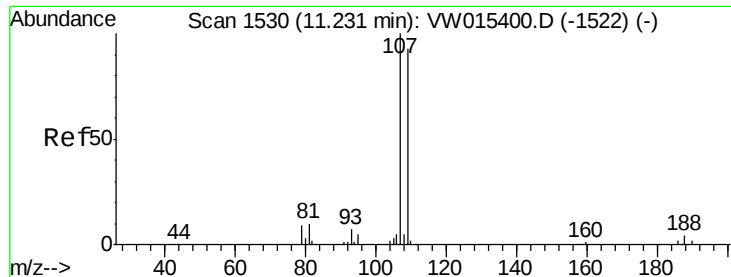
Tot Ion: 43 Resp: 747310
Ion Ratio Lower Upper
43 100
58 53.9 26.7 80.0



#60
Dibromochloromethane
Concen: 147.213 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW015402.D
Acq: 05 May 2020 18:15

Tgt Ion: 129 Resp: 343418
Ion Ratio Lower Upper
129 100
127 76.8 39.1 117.2

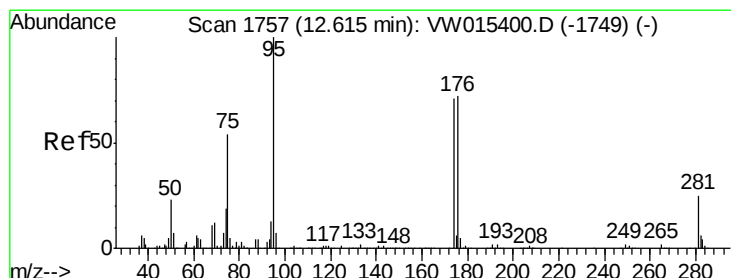
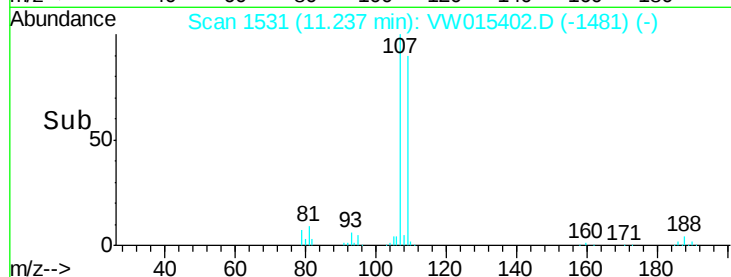
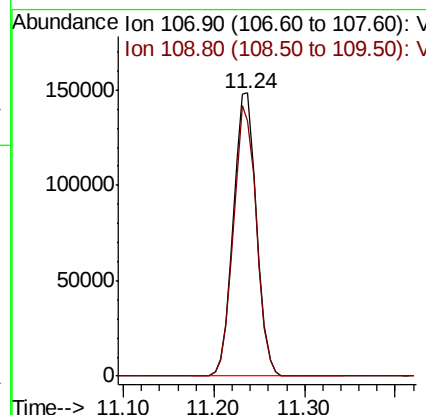
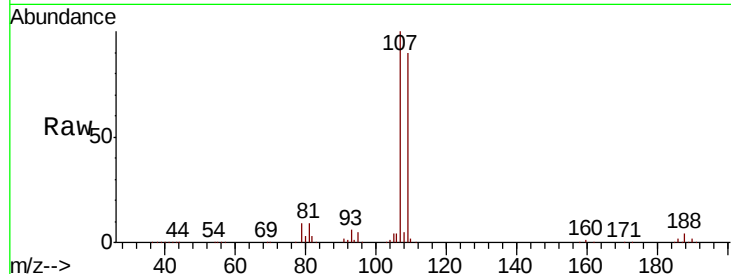




#61
 1,2-Dibromoethane
 Concen: 150.760 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.01 min
 Lab File: VW015402.D
 Acq: 05 May 2020 18:15

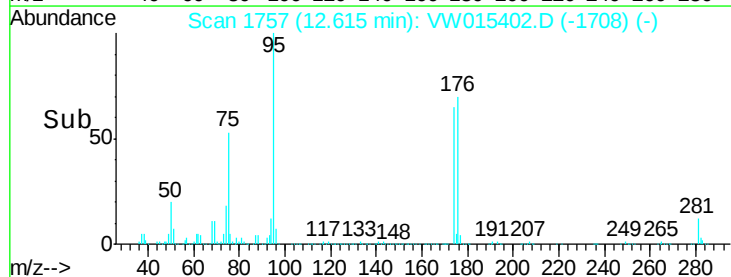
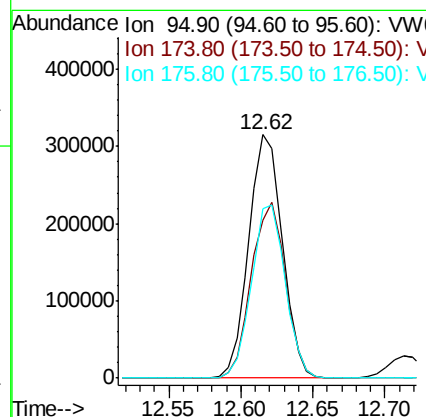
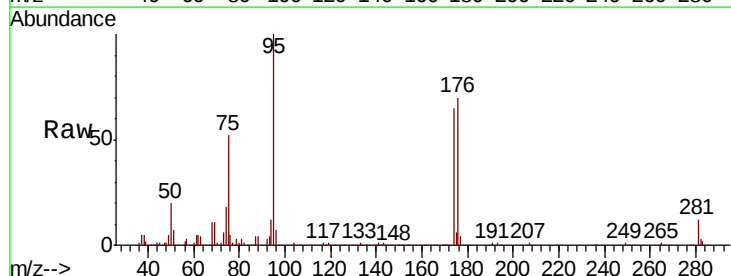
Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:107 Resp: 262653
 Ion Ratio Lower Upper
 107 100
 109 94.3 75.0 112.4



#62
 4-Bromofluorobenzene
 Concen: 147.140 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW015402.D
 Acq: 05 May 2020 18:15

Tgt Ion: 95 Resp: 509641
 Ion Ratio Lower Upper
 95 100
 174 73.0 0.0 147.6
 176 71.2 0.0 144.4

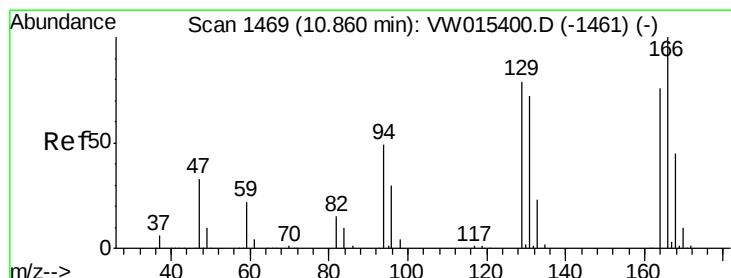
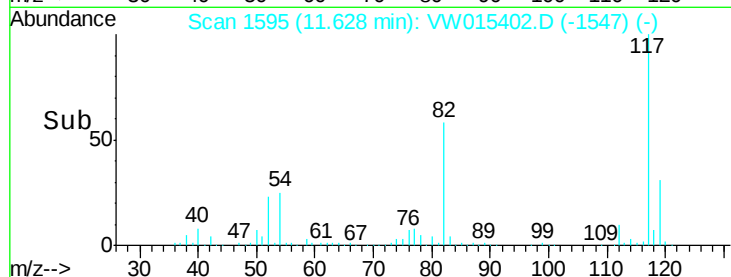
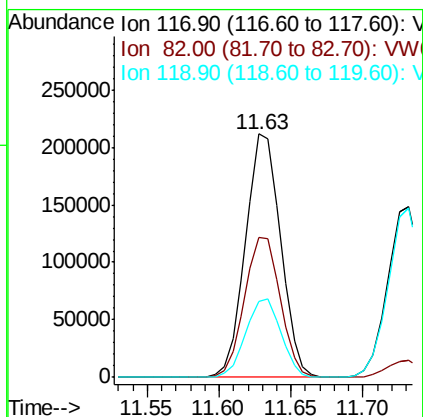
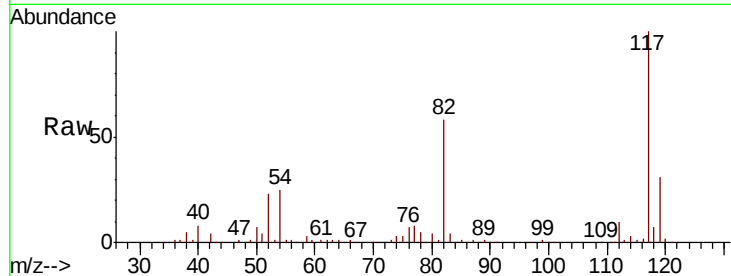




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW015402.D
Acq: 05 May 2020 18:15

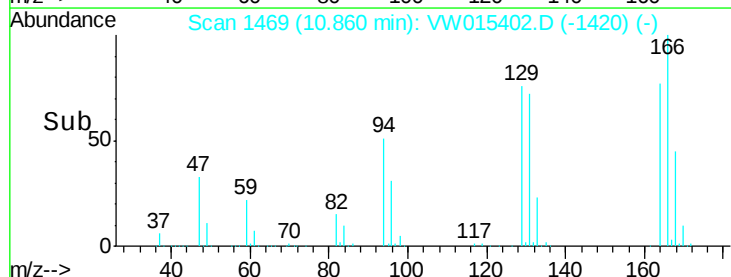
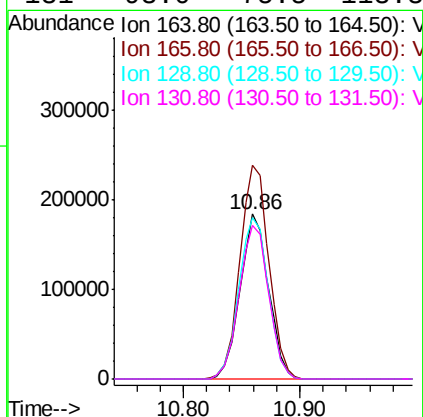
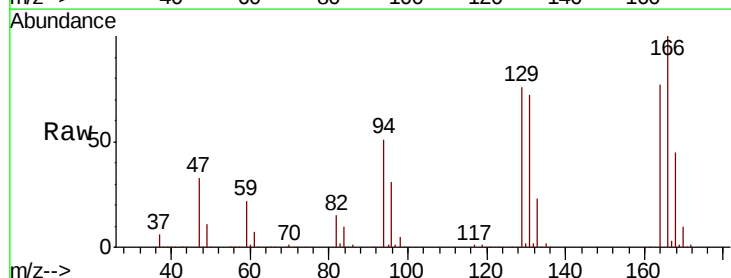
Instrument :
MSVOA_W
ClientSampleId :

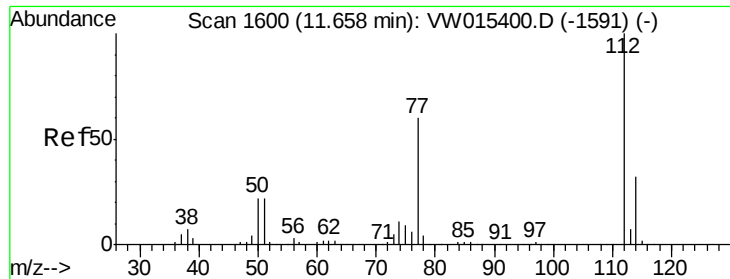
Tot Ion:117 Resp: 357384
Ion Ratio Lower Upper
117 100
82 57.7 46.4 69.6
119 31.3 24.6 37.0



#64
Tetrachloroethene
Concen: 124.143 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW015402.D
Acq: 05 May 2020 18:15

Tgt Ion:164 Resp: 312481
Ion Ratio Lower Upper
164 100
166 129.4 104.9 157.3
129 98.1 82.7 124.1
131 93.0 75.5 113.3

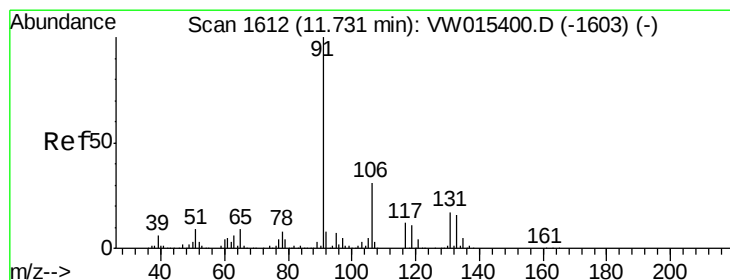
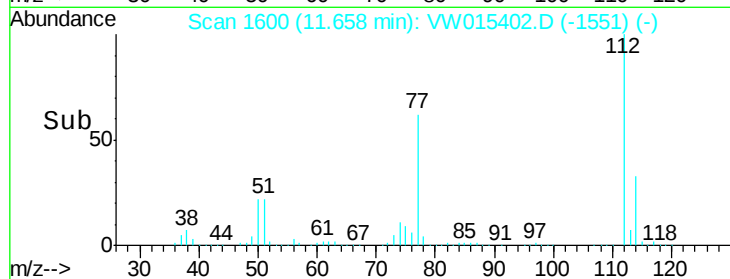
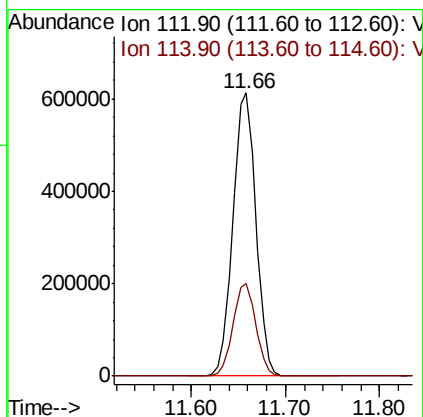
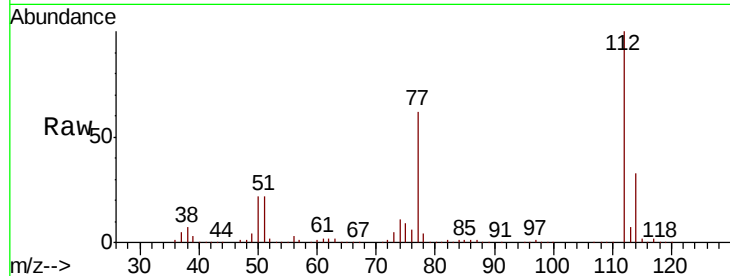




#65
Chlorobenzene
Concen: 146.804 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW015402.D
Acq: 05 May 2020 18:15

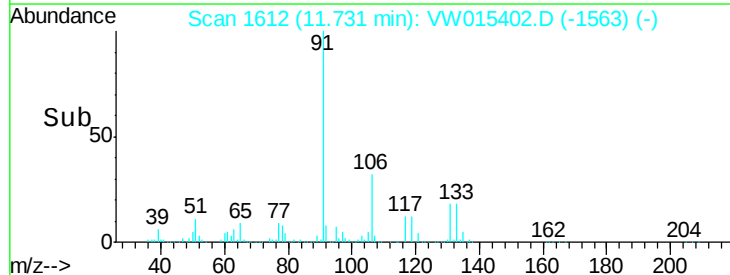
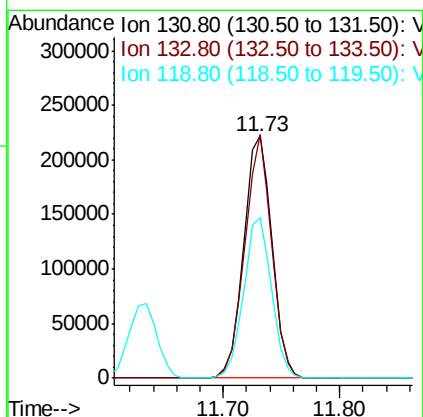
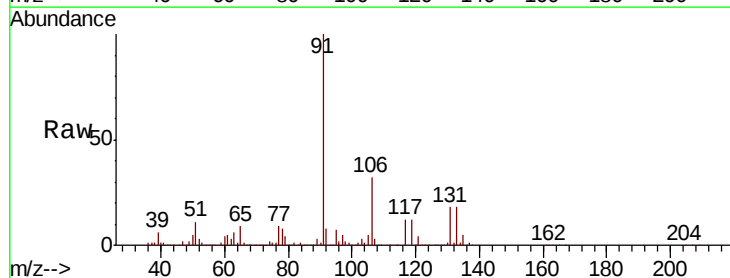
Instrument :
MSVOA_W
ClientSampleId :

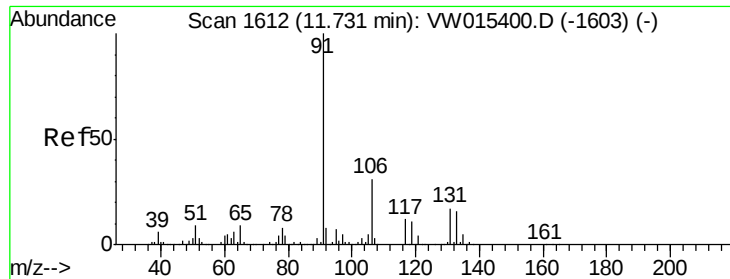
Tot Ion:112 Resp: 1036733
Ion Ratio Lower Upper
112 100
114 32.7 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 148.429 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW015402.D
Acq: 05 May 2020 18:15

Tgt Ion:131 Resp: 376151
Ion Ratio Lower Upper
131 100
133 95.2 47.9 143.8
119 65.6 33.0 99.0

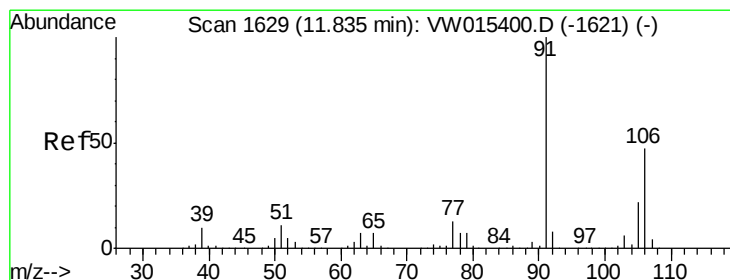
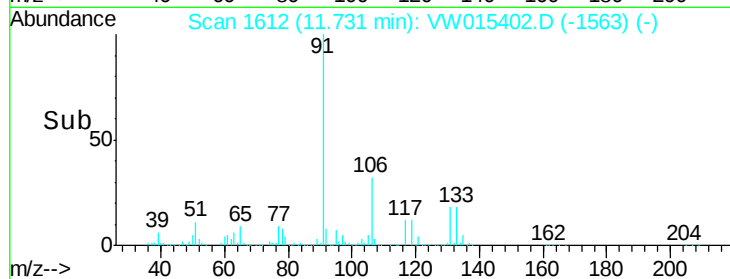
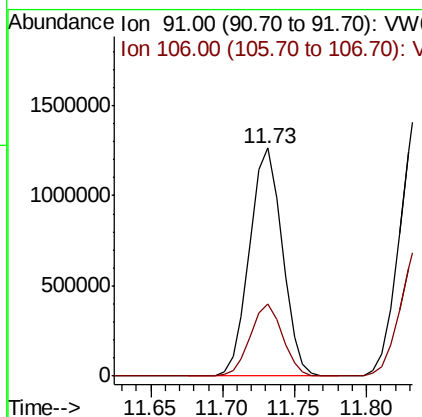
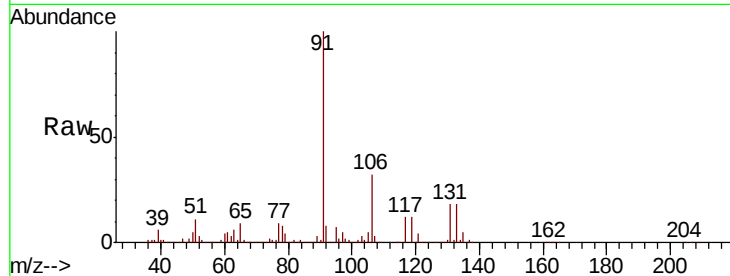




#67
Ethyl Benzene
Concen: 150.361 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW015402.D
Acq: 05 May 2020 18:15

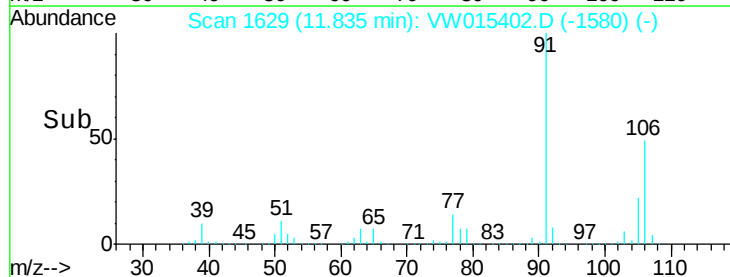
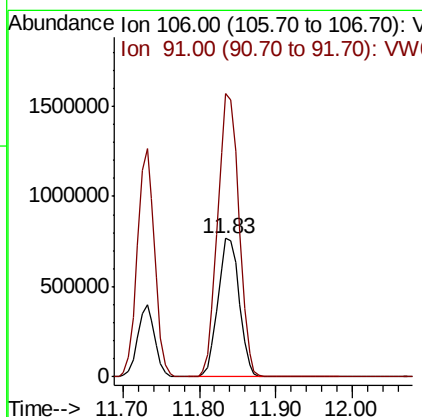
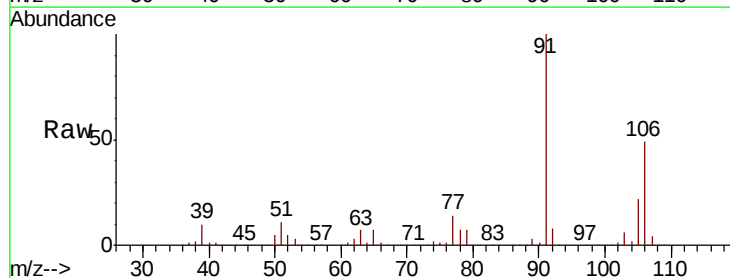
Instrument :
MSVOA_W
ClientSampleId :

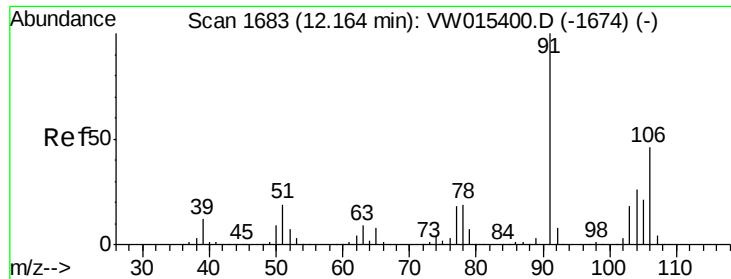
Tot Ion: 91 Resp: 1988207
Ion Ratio Lower Upper
91 100
106 31.7 25.2 37.8



#68
m/p-Xylenes
Concen: 288.959 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VW015402.D
Acq: 05 May 2020 18:15

Tgt Ion:106 Resp: 1482139
Ion Ratio Lower Upper
106 100
91 204.2 165.7 248.5

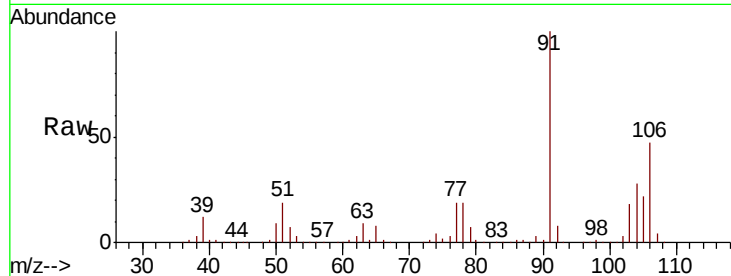




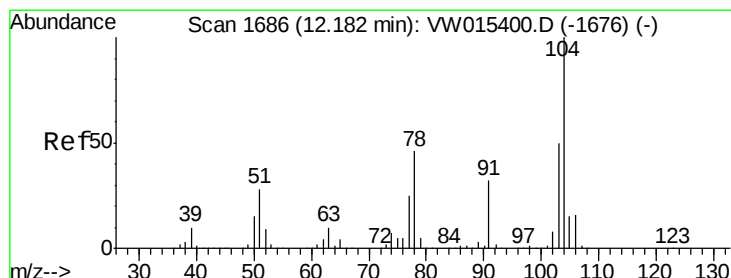
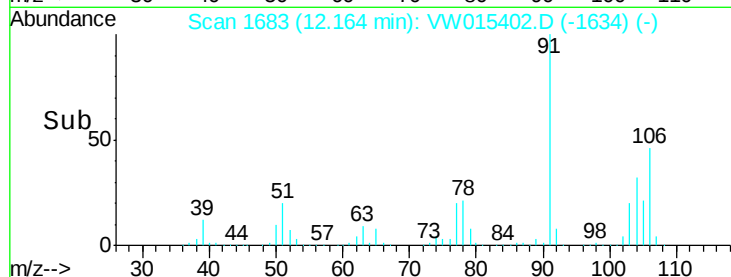
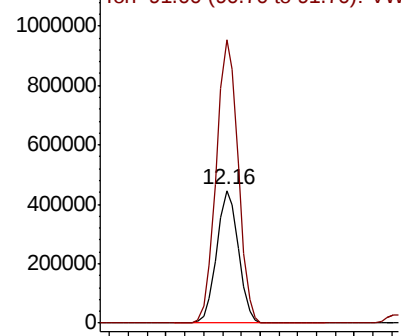
#69
o-Xylene
Concen: 148.518 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW015402.D
Acq: 05 May 2020 18:15

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:106 Resp: 713595
Ion Ratio Lower Upper
106 100
91 215.4 109.0 327.0

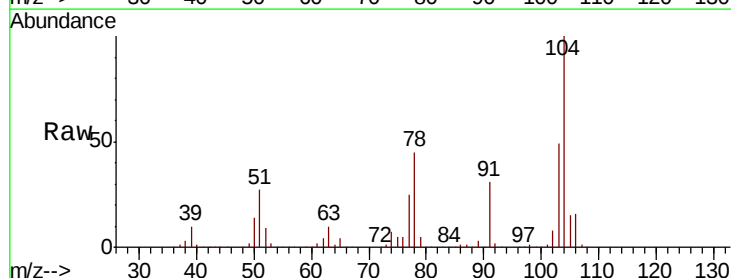


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

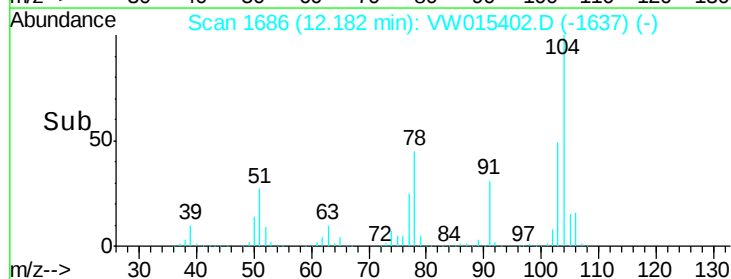
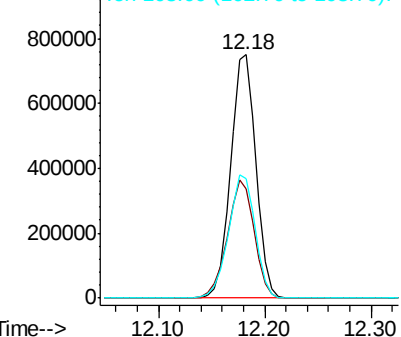


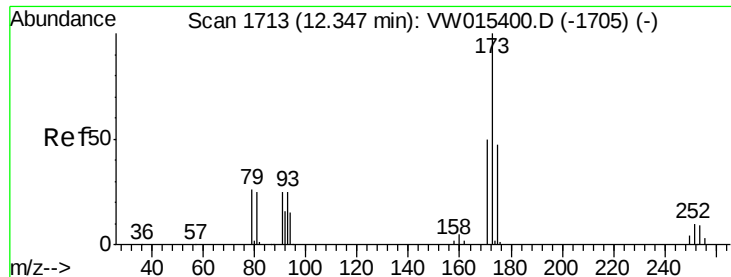
#70
Styrene
Concen: 152.045 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW015402.D
Acq: 05 May 2020 18:15

Tgt Ion:104 Resp: 1247199
Ion Ratio Lower Upper
104 100
78 51.4 41.8 62.8
103 53.8 43.6 65.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 136.961 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW015402.D

Acq: 05 May 2020 18:15

Instrument :

MSVOA_W

ClientSampleId :

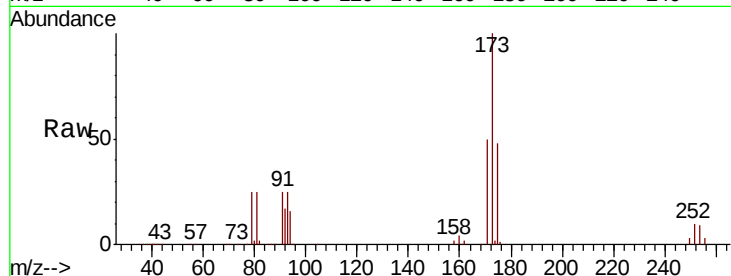
Tot Ion:173 Resp: 192512

Ion Ratio Lower Upper

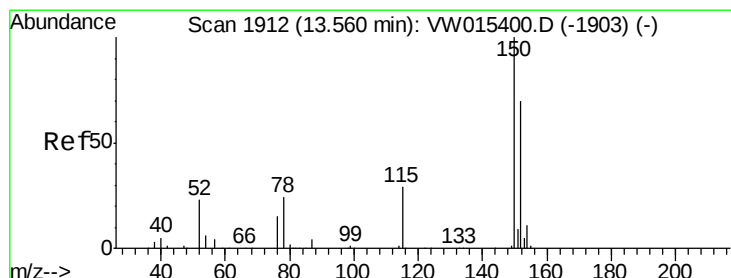
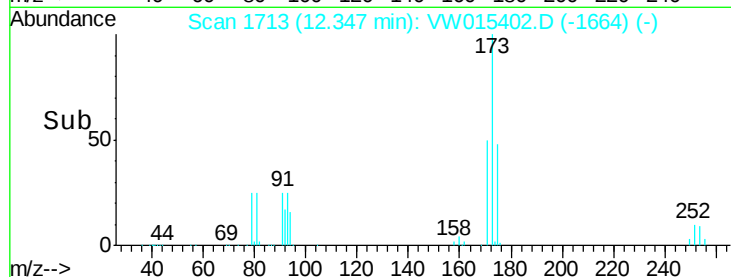
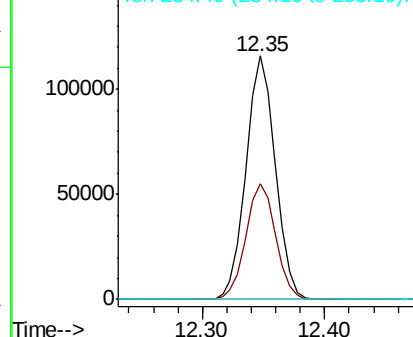
173 100

175 48.2 23.8 71.4

254 0.1 0.0 0.0#



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: VW015402.D

Acq: 05 May 2020 18:15

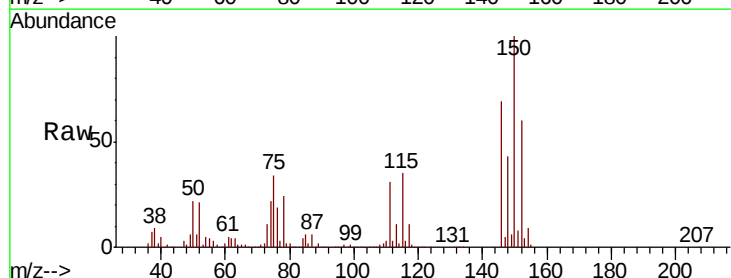
Tgt Ion:152 Resp: 169076

Ion Ratio Lower Upper

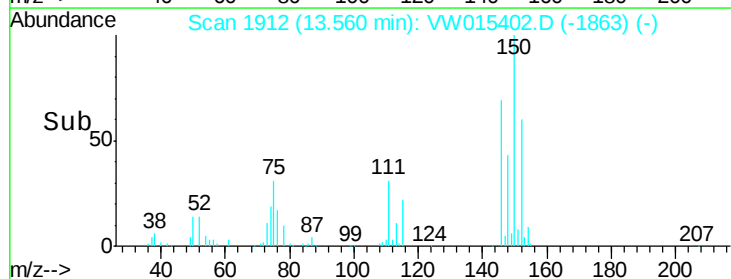
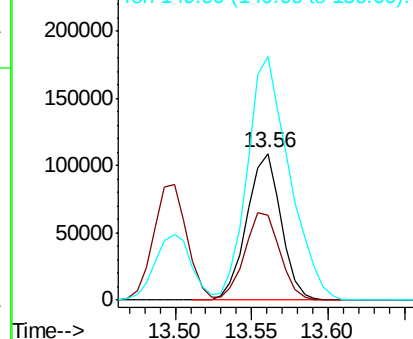
152 100

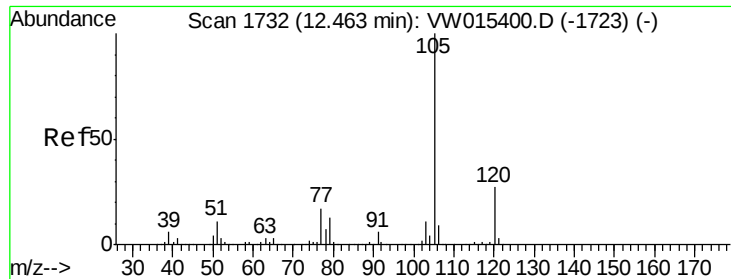
115 61.1 30.3 90.8

150 204.3 0.0 344.4



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: 164.554 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW015402.D

Acq: 05 May 2020 18:15

Instrument :

MSVOA_W

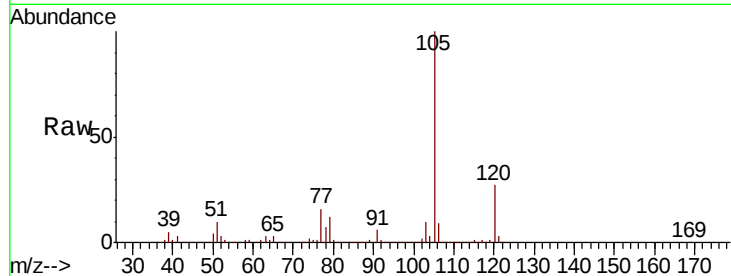
ClientSampled :

Tot Ion:105 Resp: 1970361

Ion Ratio Lower Upper

105 100

120 26.1 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.46

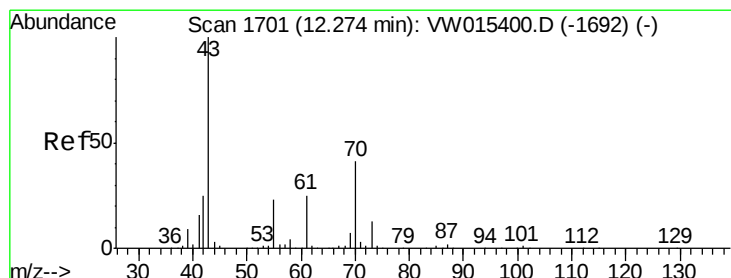
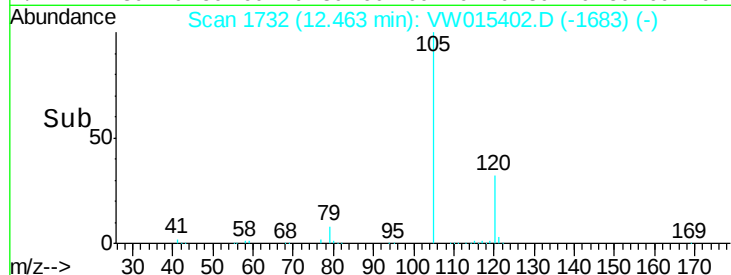
1500000

1000000

500000

0

Time-->



#74

N-ethyl acetate

Concen: 207.375 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW015402.D

Acq: 05 May 2020 18:15

Tgt Ion: 43 Resp: 455933

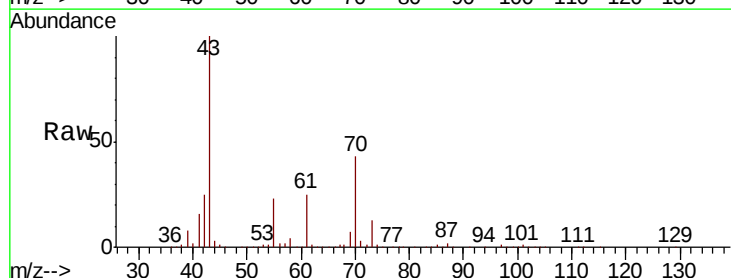
Ion Ratio Lower Upper

43 100

70 42.3 33.4 50.0

55 23.0 18.9 28.3

61 24.3 19.4 29.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

400000

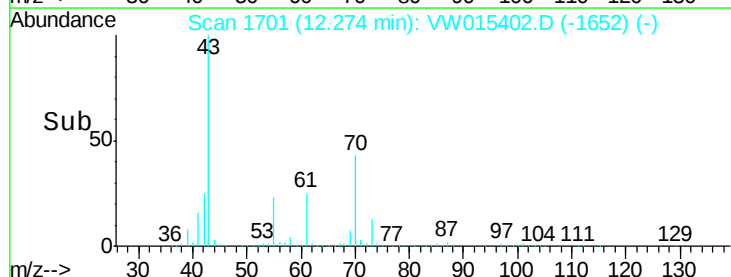
300000

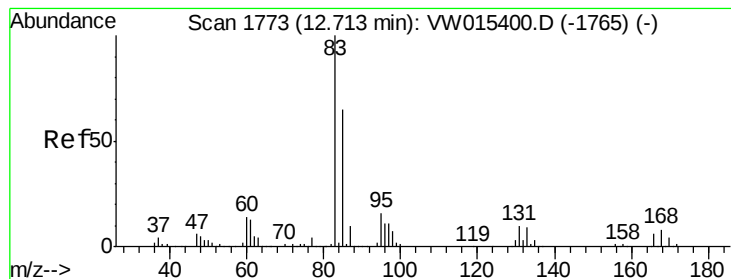
200000

100000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 173.317 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW015402.D

Acq: 05 May 2020 18:15

Instrument :

MSVOA_W

ClientSampleId :

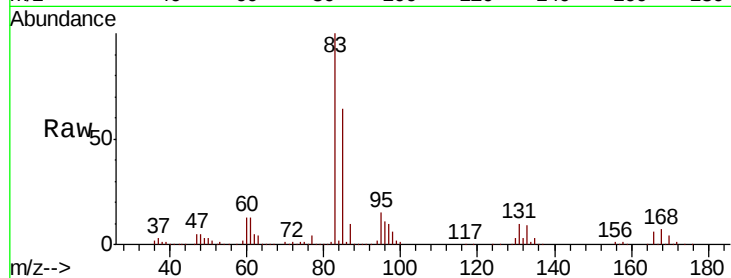
Tot Ion: 83 Resp: 301198

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.2

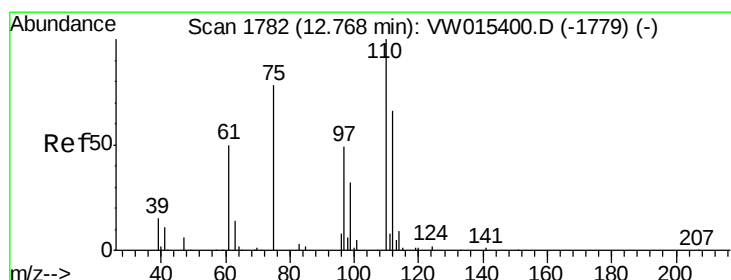
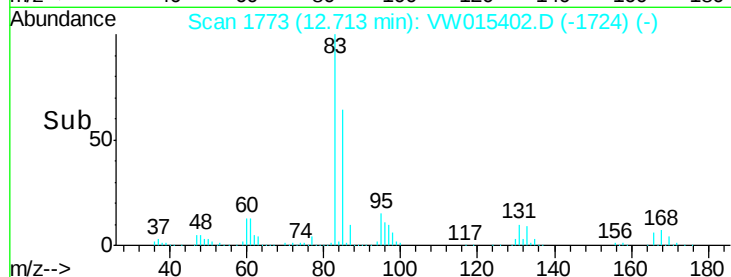
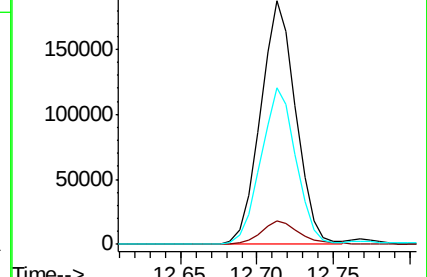
85 64.0 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 307.432 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW015402.D

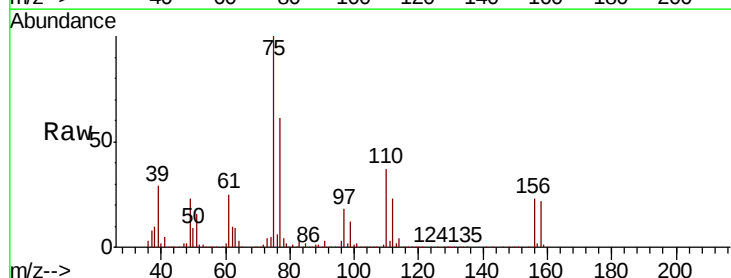
Acq: 05 May 2020 18:15

Tgt Ion: 75 Resp: 420772

Ion Ratio Lower Upper

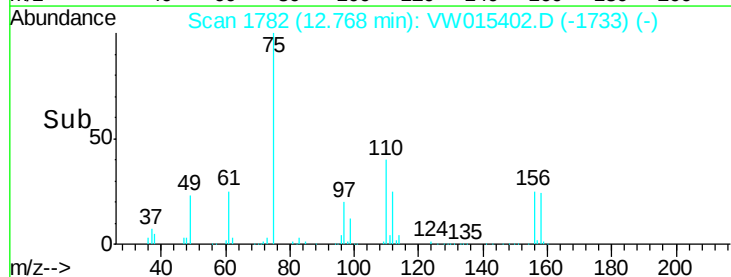
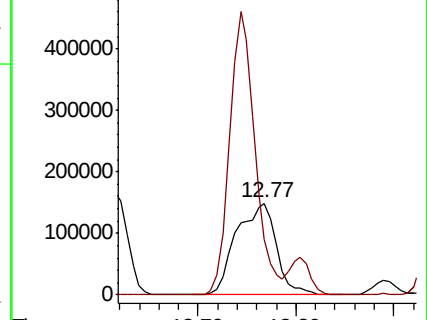
75 100

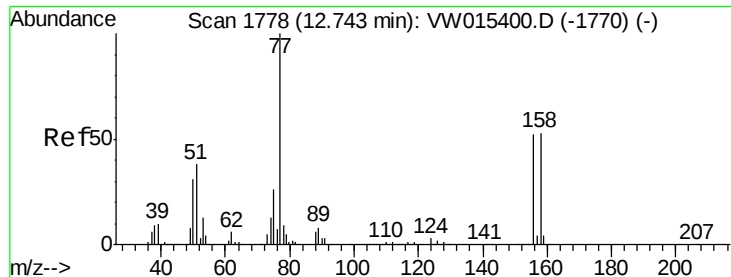
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 151.441 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW015402.D

Acq: 05 May 2020 18:15

Instrument :

MSVOA_W

ClientSampleId :

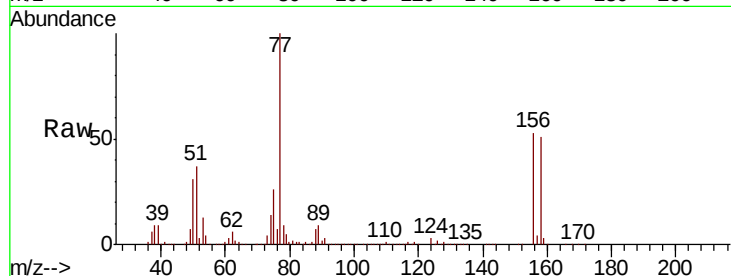
Tot Ion:156 Resp: 408719

Ion Ratio Lower Upper

156 100

77 203.6 101.8 305.6

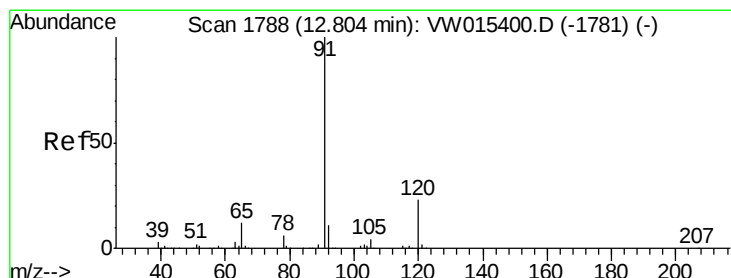
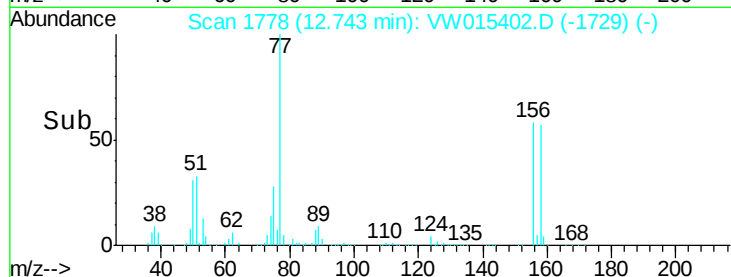
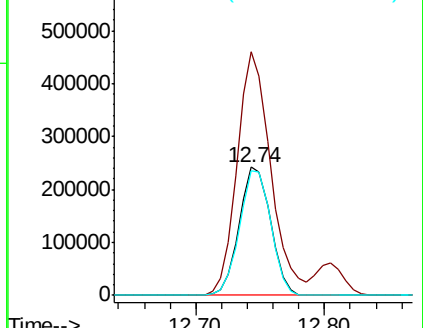
158 96.8 48.3 144.8



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: 165.139 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW015402.D

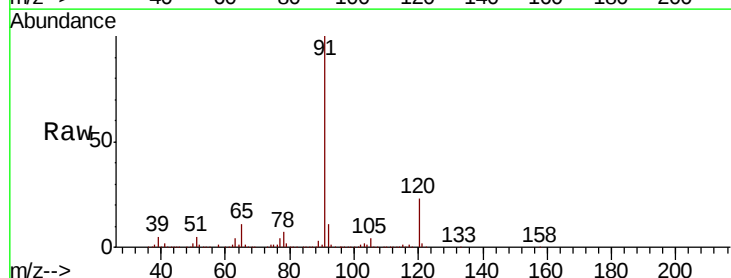
Acq: 05 May 2020 18:15

Tgt Ion: 91 Resp: 2311551

Ion Ratio Lower Upper

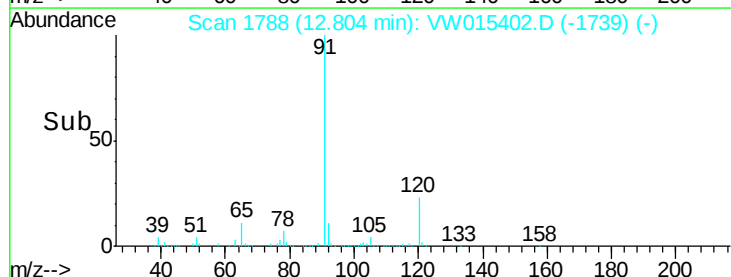
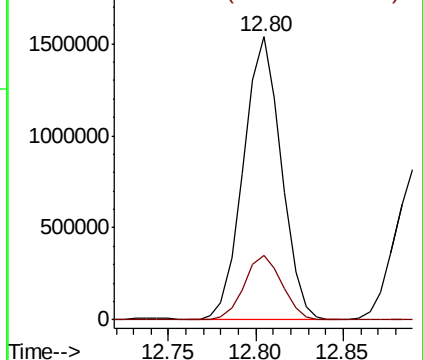
91 100

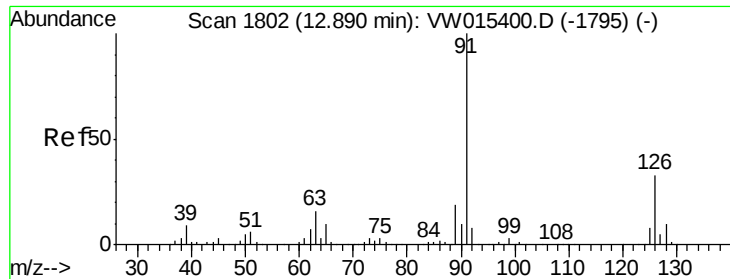
120 22.8 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

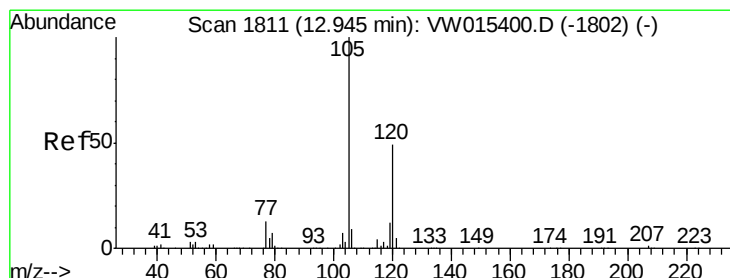
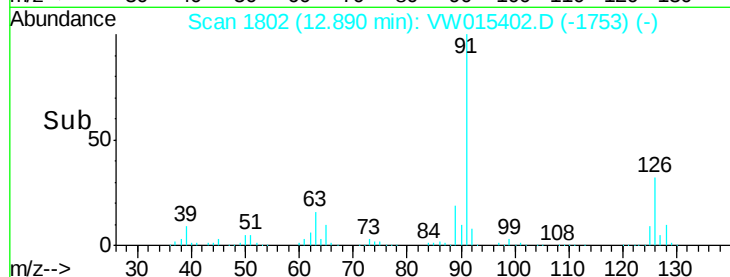
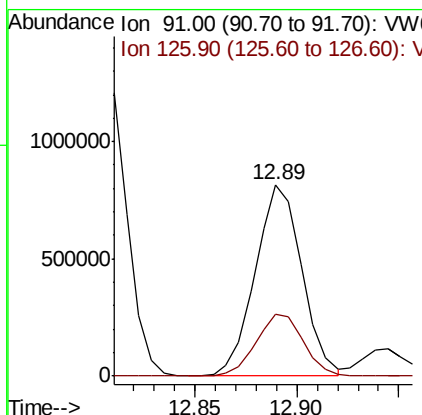
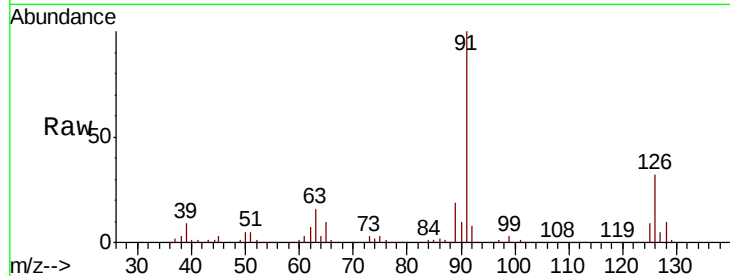




#79
 2-Chlorotoluene
 Concen: 164.666 ug/l
 RT: 12.89 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VW015402.D
 Acq: 05 May 2020 18:15

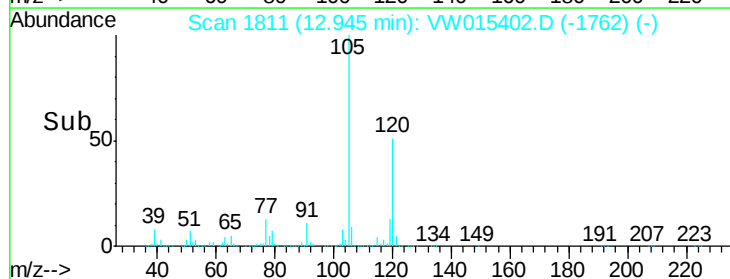
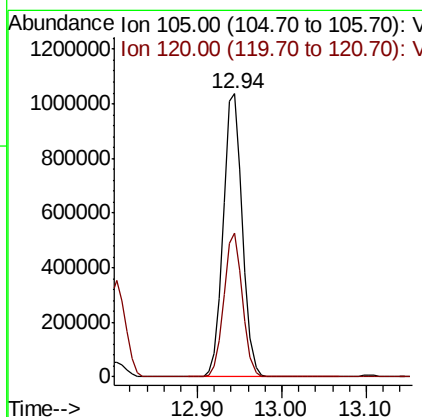
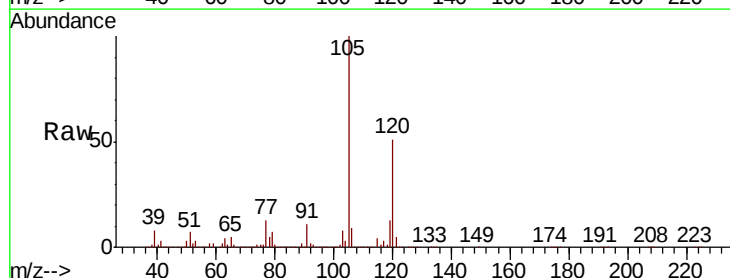
Instrument :
 MSVOA_W
 ClientSampled :

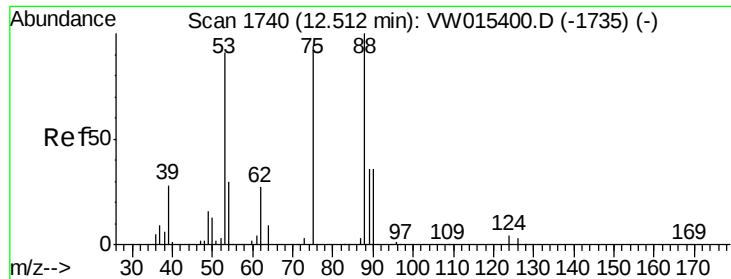
Tot Ion: 91 Resp: 1298742
 Ion Ratio Lower Upper
 91 100
 126 32.8 16.1 48.2



#80
 1,3,5-Trimethylbenzene
 Concen: 157.195 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW015402.D
 Acq: 05 May 2020 18:15

Tgt Ion:105 Resp: 1614507
 Ion Ratio Lower Upper
 105 100
 120 49.7 24.2 72.6





#81

trans-1,4-Dichloro-2-butene

Concen: 185.676 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW015402.D

Acq: 05 May 2020 18:15

Instrument :

MSVOA_W

ClientSampled :

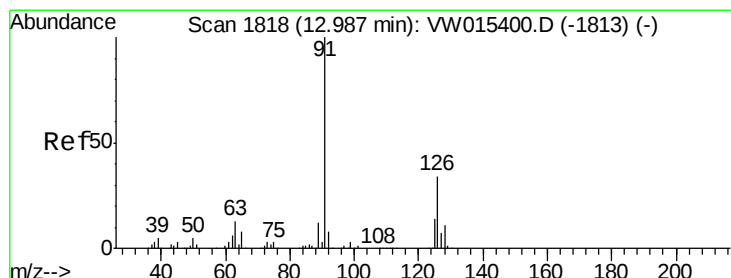
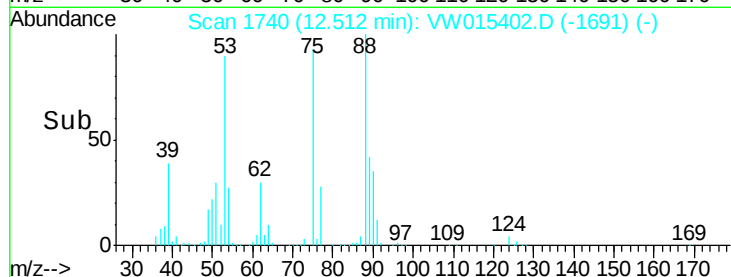
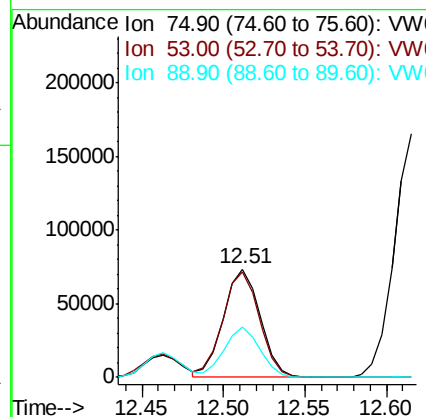
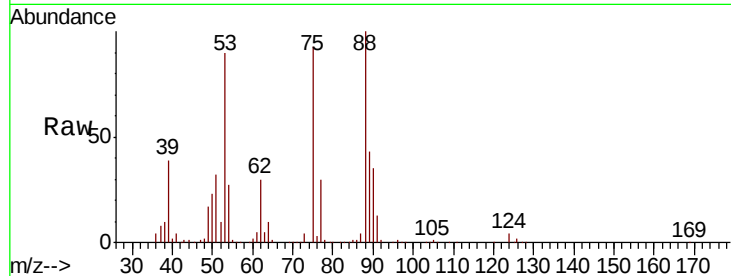
Tot Ion: 75 Resp: 115051

Ion Ratio Lower Upper

75 100

53 98.1 82.5 123.7

89 44.7 35.8 53.8



#82

4-Chlorotoluene

Concen: 164.356 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VW015402.D

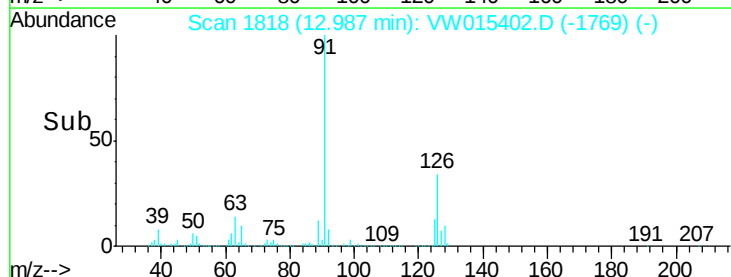
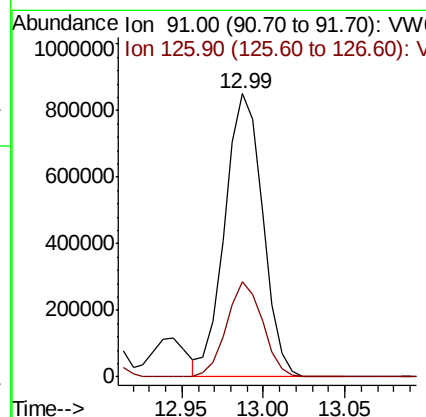
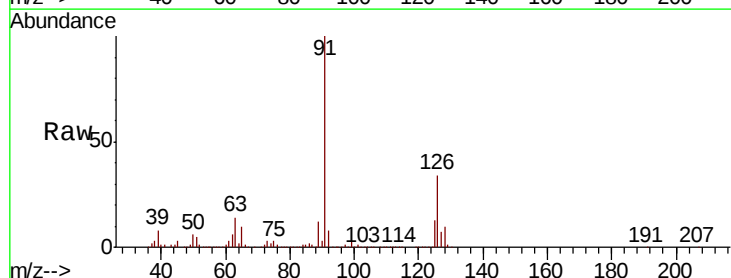
Acq: 05 May 2020 18:15

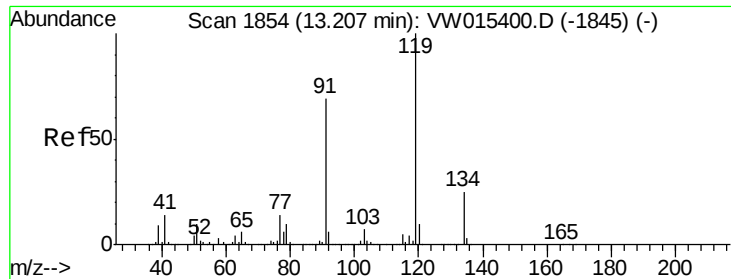
Tgt Ion: 91 Resp: 1374784

Ion Ratio Lower Upper

91 100

126 32.2 16.0 47.9

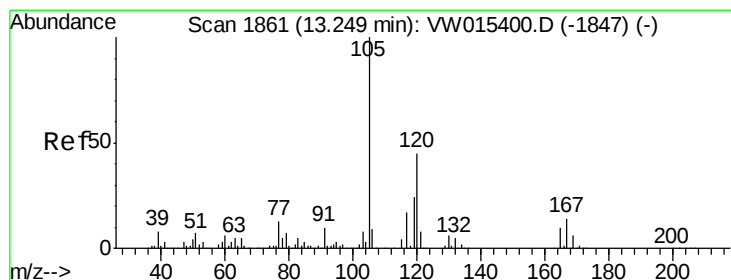
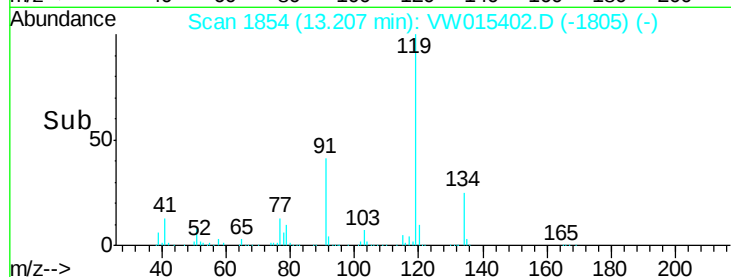
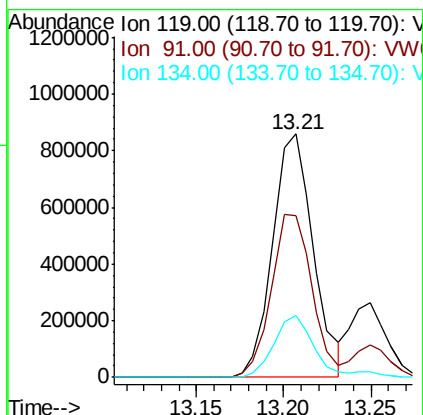
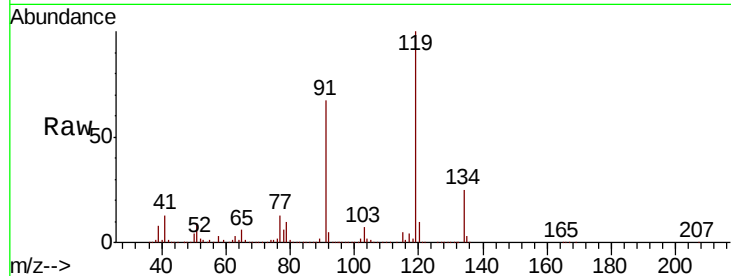




#83
 tert-Butylbenzene
 Concen: 156.076 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW015402.D
 Acq: 05 May 2020 18:15

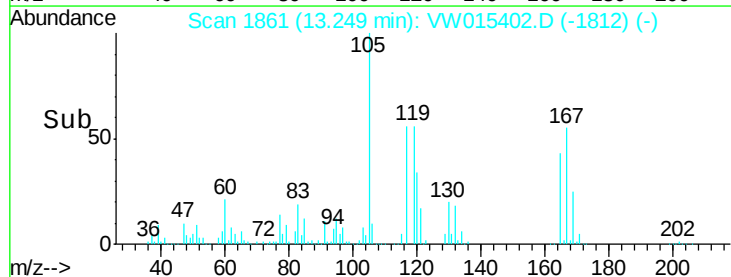
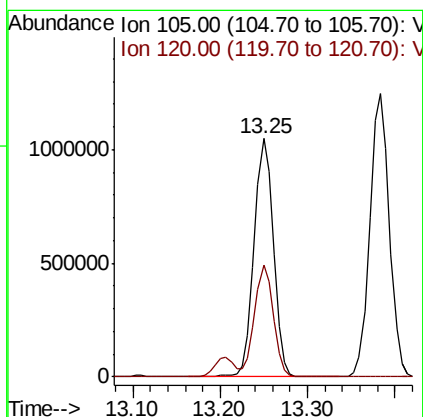
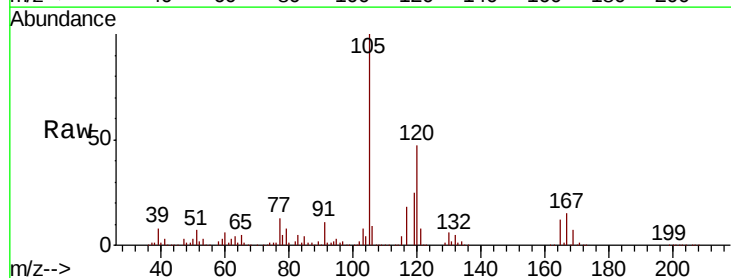
Instrument :
 MSVOA_W
 ClientSampleId :

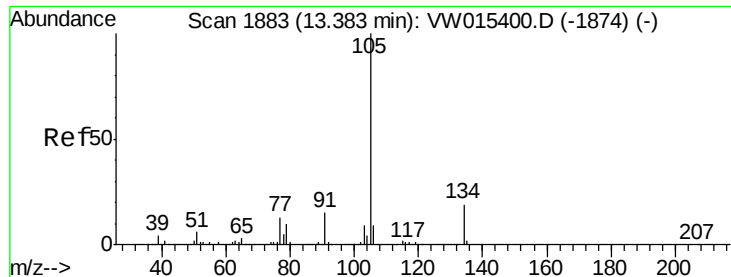
Tot Ion:119 Resp: 1397511
 Ion Ratio Lower Upper
 119 100
 91 67.0 33.8 101.4
 134 24.6 12.3 36.9



#84
 1,2,4-Trimethylbenzene
 Concen: 158.071 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW015402.D
 Acq: 05 May 2020 18:15

Tgt Ion:105 Resp: 1605902
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.0 66.0





#85

sec-Butylbenzene

Concen: 156.207 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW015402.D

Acq: 05 May 2020 18:15

Instrument :

MSVOA_W

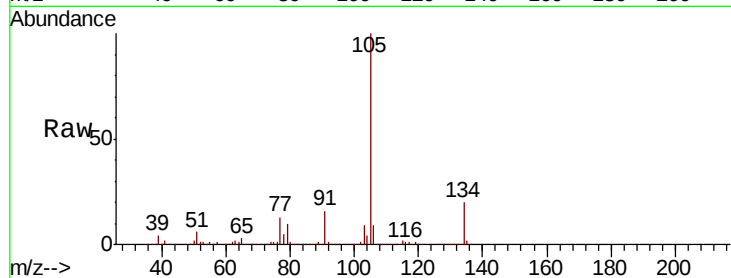
ClientSampled :

Tot Ion:105 Resp: 1938696

Ion Ratio Lower Upper

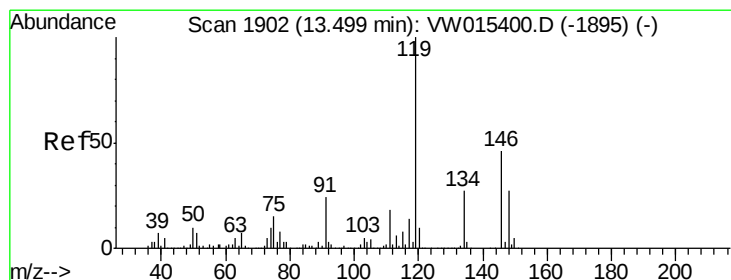
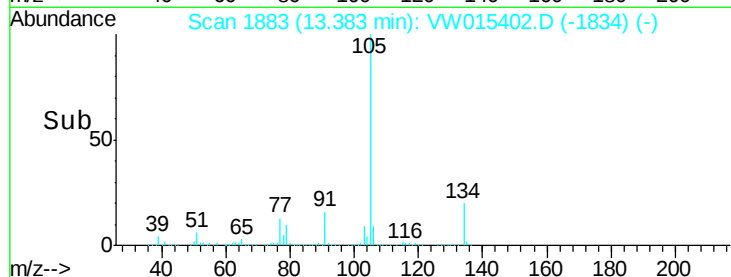
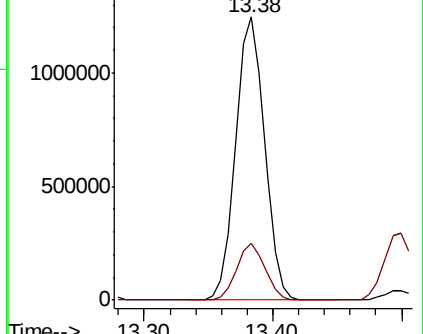
105 100

134 19.8 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 152.865 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW015402.D

Acq: 05 May 2020 18:15

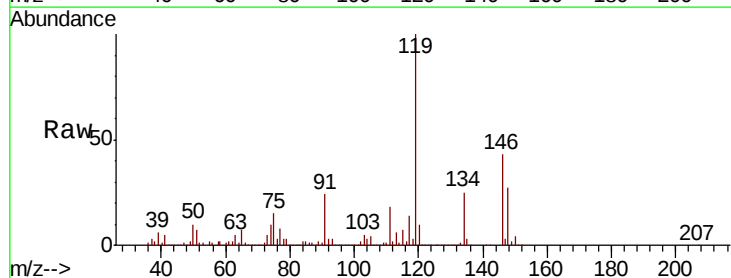
Tgt Ion:119 Resp: 1753235

Ion Ratio Lower Upper

119 100

134 25.8 12.8 38.4

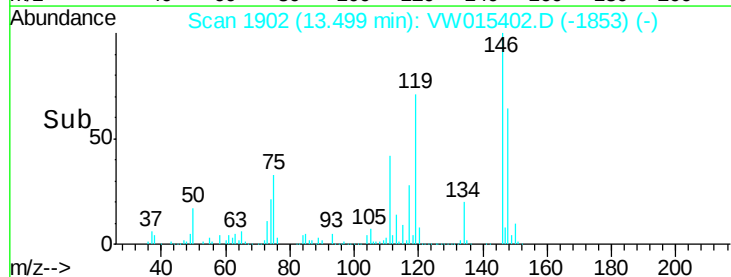
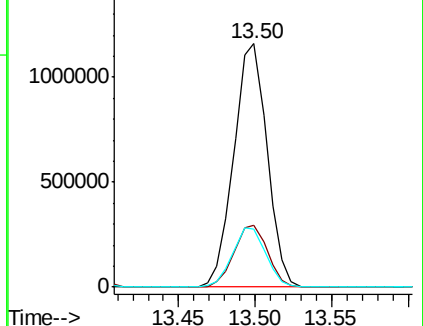
91 24.3 12.1 36.3

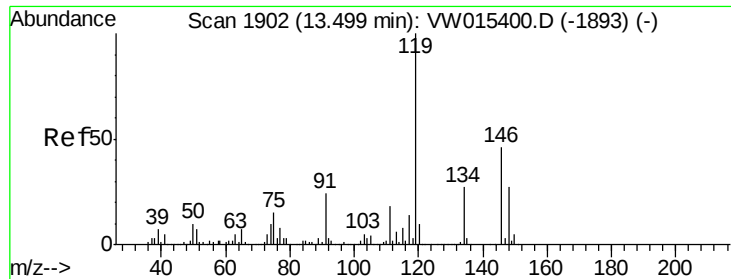


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

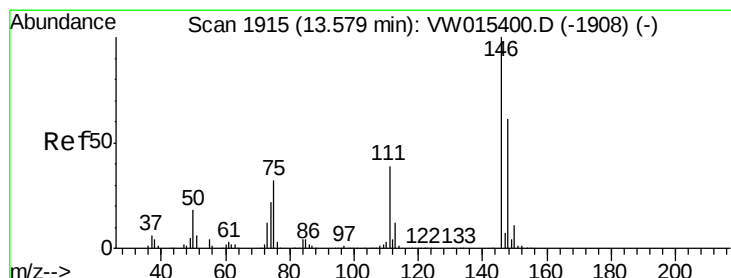
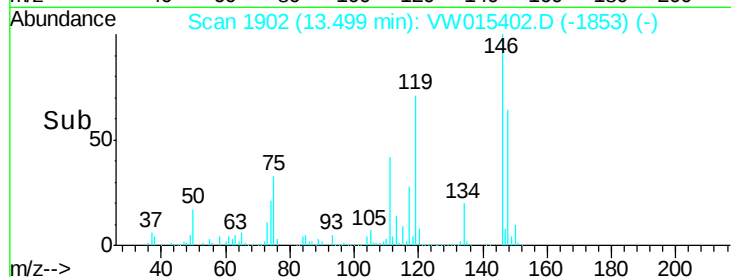
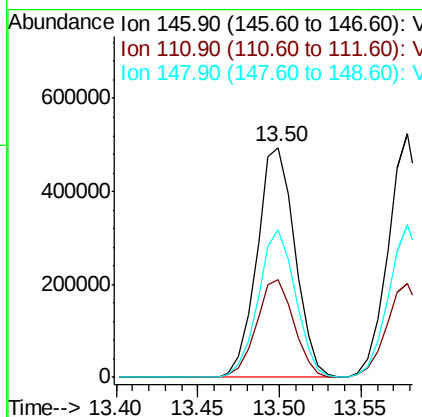
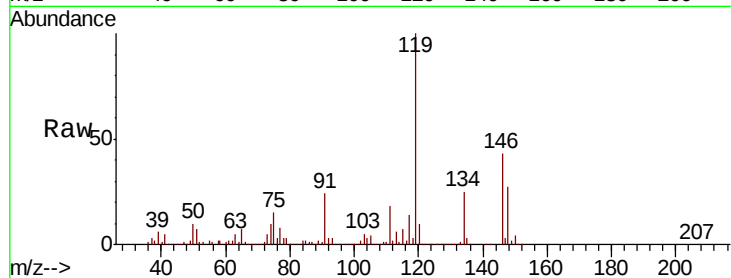




#87
 1,3-Dichlorobenzene
 Concen: 147.646 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW015402.D
 Acq: 05 May 2020 18:15

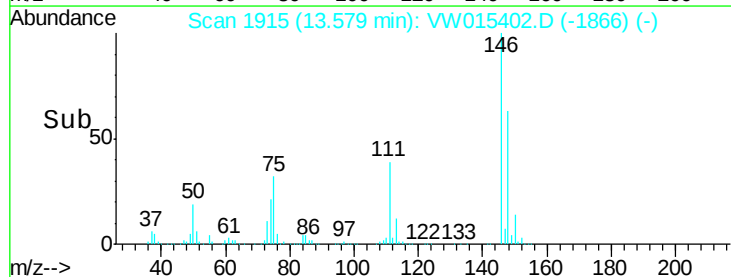
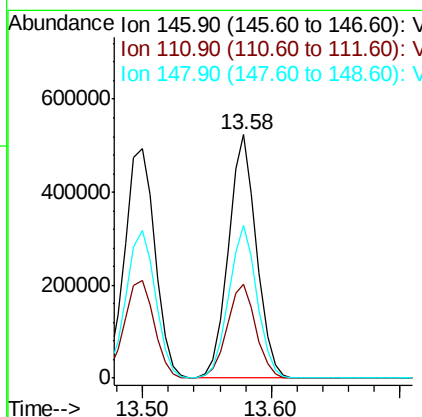
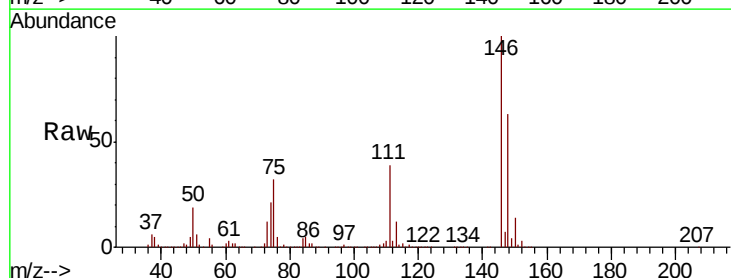
Instrument :
 MSVOA_W
 ClientSampleId :

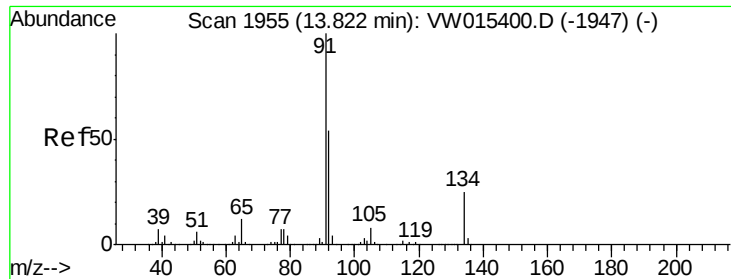
Tot Ion:146 Resp: 796577
 Ion Ratio Lower Upper
 146 100
 111 42.2 20.5 61.5
 148 63.0 31.4 94.0



#88
 1,4-Dichlorobenzene
 Concen: 150.147 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW015402.D
 Acq: 05 May 2020 18:15

Tgt Ion:146 Resp: 794399
 Ion Ratio Lower Upper
 146 100
 111 39.5 20.0 60.0
 148 63.0 31.4 94.3





#89

n-Butylbenzene

Concen: 161.337 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW015402.D

Acq: 05 May 2020 18:15

Instrument :

MSVOA_W

ClientSampleId :

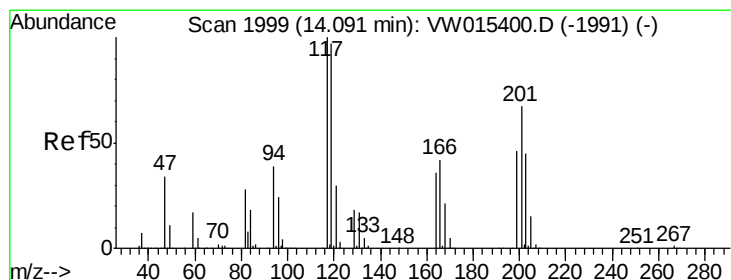
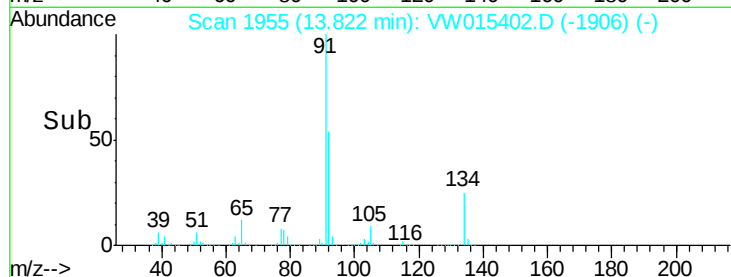
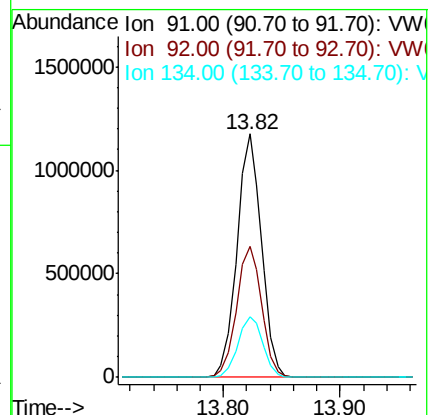
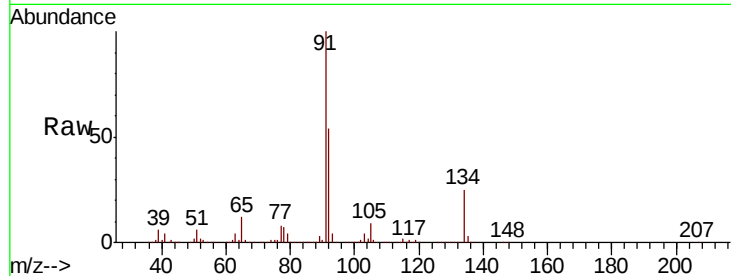
Tot Ion: 91 Resp: 1716108

Ion Ratio Lower Upper

91 100

92 54.7 27.2 81.6

134 25.8 12.6 37.6



#90

Hexachloroethane

Concen: 157.275 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW015402.D

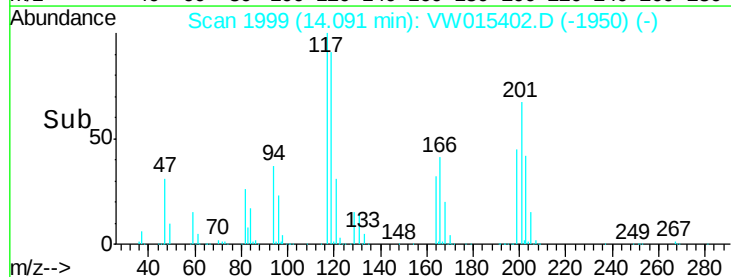
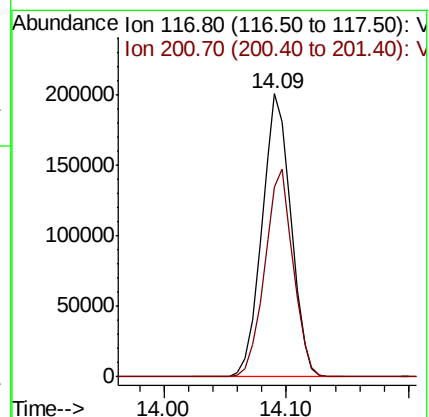
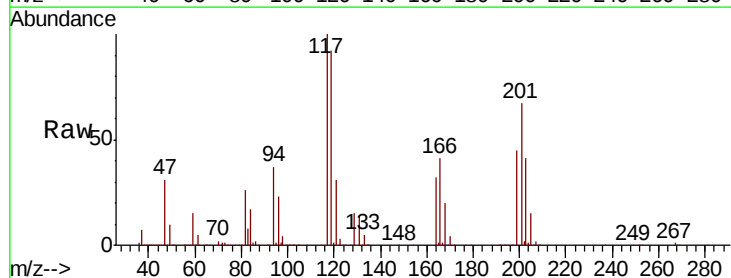
Acq: 05 May 2020 18:15

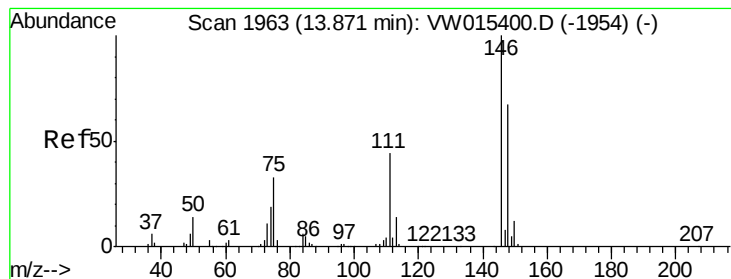
Tgt Ion: 117 Resp: 331452

Ion Ratio Lower Upper

117 100

201 71.8 35.9 107.8





#91

1,2-Dichlorobenzene

Concen: 150.217 ug/l

RT: 13.87 min Scan# 1962

Delta R.T. -0.01 min

Lab File: VW015402.D

Acq: 05 May 2020 18:15

Instrument :

MSVOA_W

ClientSampleId :

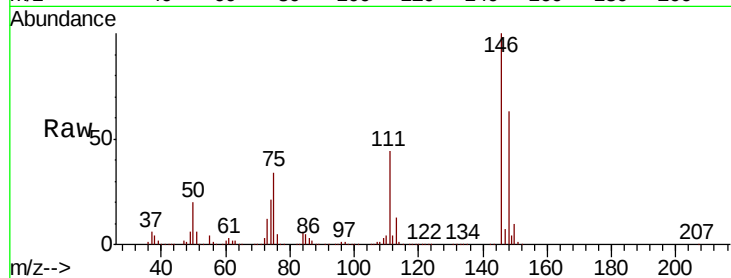
Tot Ion:146 Resp: 700403

Ion Ratio Lower Upper

146 100

111 43.2 22.1 66.3

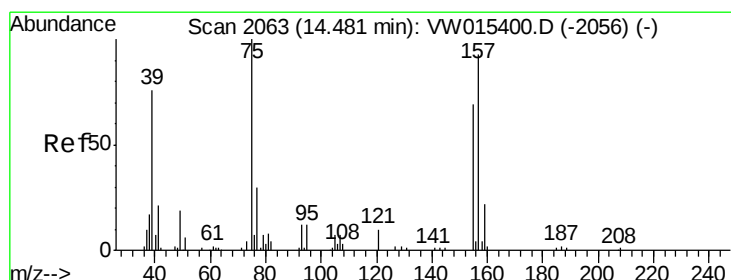
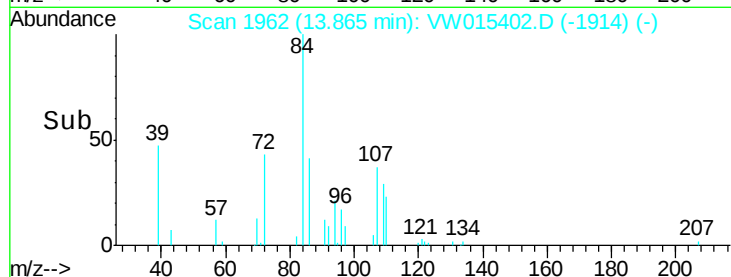
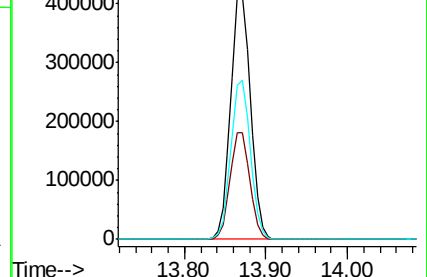
148 63.7 32.5 97.4



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: 167.257 ug/l

RT: 14.48 min Scan# 2063

Delta R.T. -0.00 min

Lab File: VW015402.D

Acq: 05 May 2020 18:15

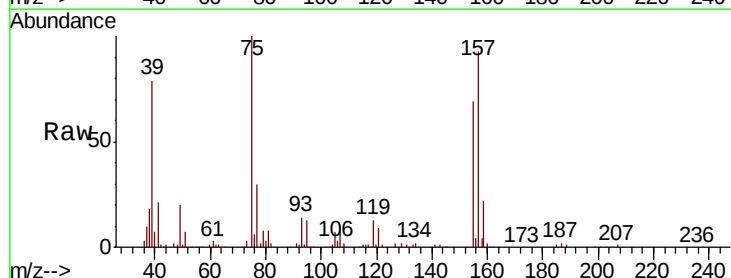
Tgt Ion: 75 Resp: 51893

Ion Ratio Lower Upper

75 100

155 76.6 38.7 116.1

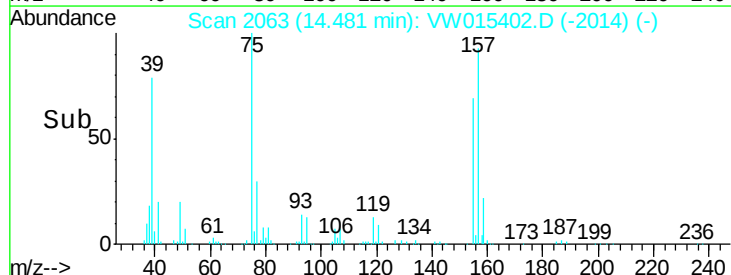
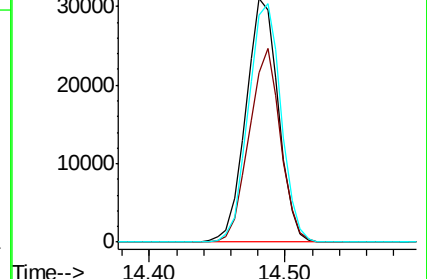
157 98.6 48.1 144.4

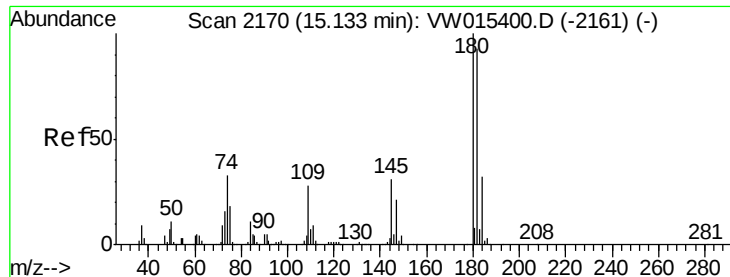


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

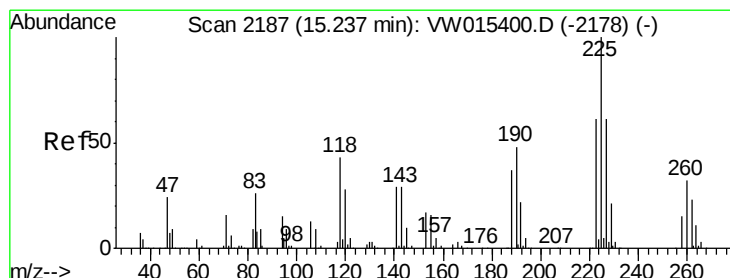
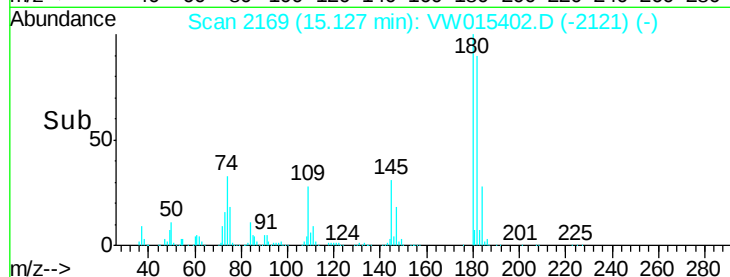
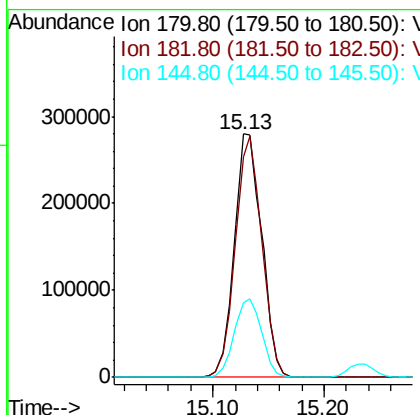
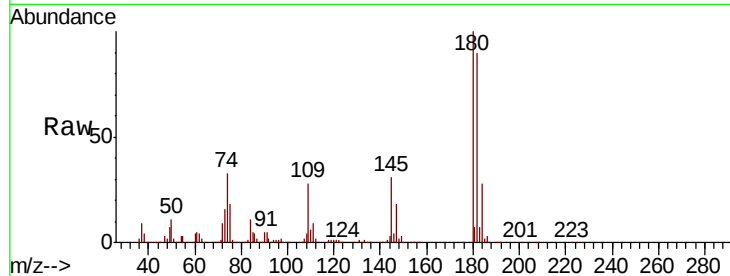




#93
 1,2,4-Trichlorobenzene
 Concen: 147.582 ug/l
 RT: 15.13 min Scan# 2169
 Delta R.T. -0.01 min
 Lab File: VW015402.D
 Acq: 05 May 2020 18:15

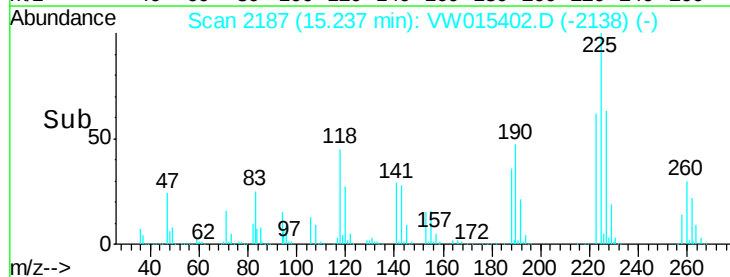
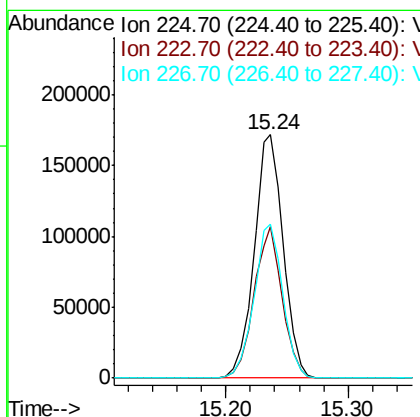
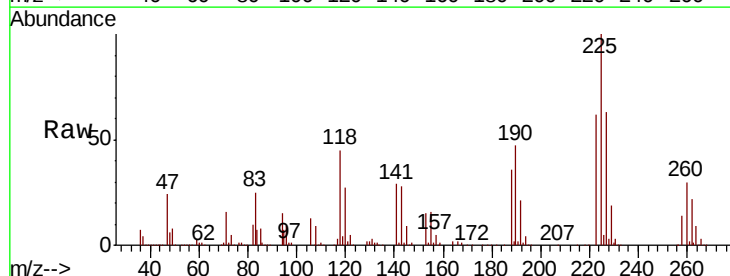
Instrument :
 MSVOA_W
 ClientSampleId :

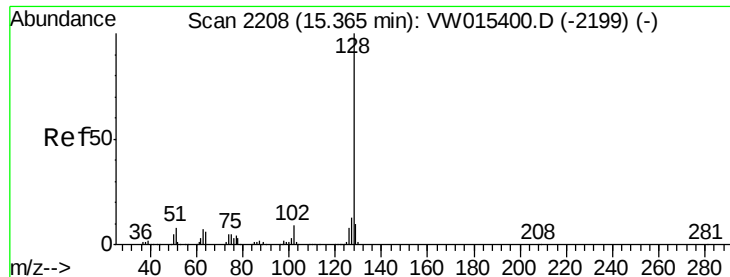
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.2	141.6
145	32.1	15.6	46.8



#94
 Hexachlorobutadiene
 Concen: 132.937 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW015402.D
 Acq: 05 May 2020 18:15

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.3	30.7	92.1
227	62.8	32.0	96.0





#95

Naphthalene

Concen: 163.681 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VW015402.D

Acq: 05 May 2020 18:15

Instrument :

MSVOA_W

ClientSampleId :

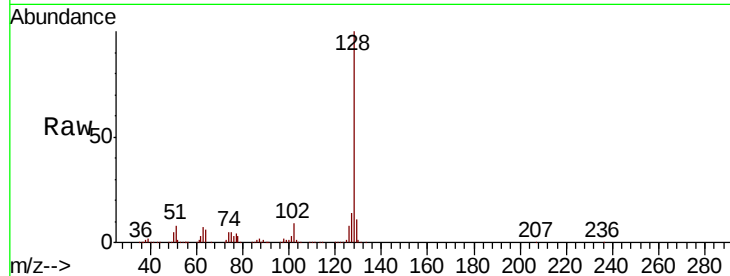
Tot Ion:128 Resp: 865215

Ion Ratio Lower Upper

128 100

127 13.5 10.5 15.7

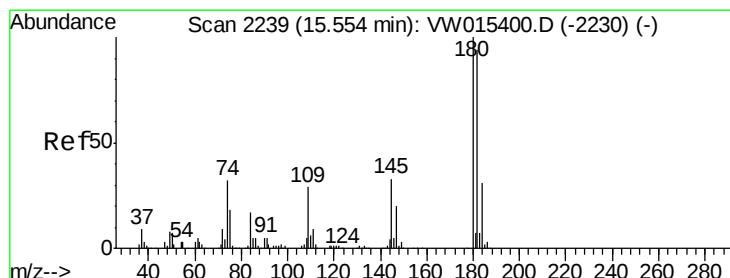
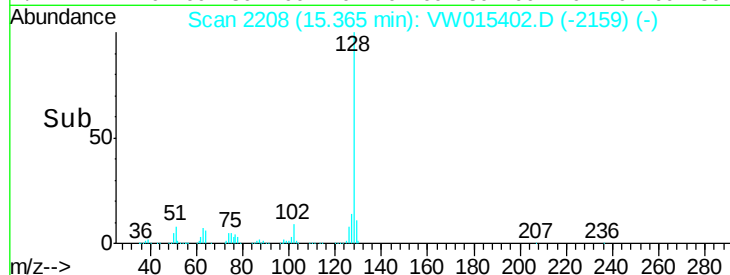
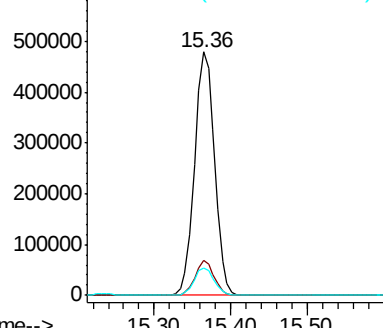
129 11.2 8.6 12.8



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: 157.717 ug/l

RT: 15.55 min Scan# 2239

Delta R.T. -0.00 min

Lab File: VW015402.D

Acq: 05 May 2020 18:15

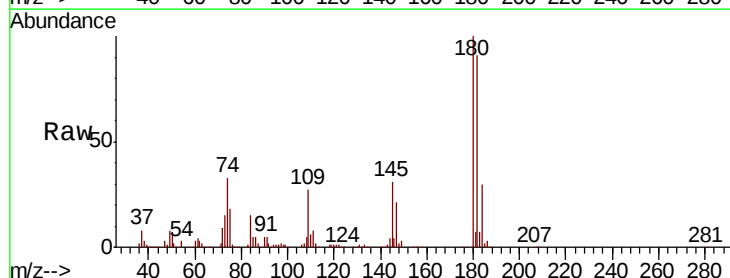
Tgt Ion:180 Resp: 416459

Ion Ratio Lower Upper

180 100

182 94.0 47.6 142.8

145 32.3 16.3 48.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

