

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW050620\
 Data File : VW015400.D
 Acq On : 05 May 2020 17:28
 Operator : SY/VA
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 05 18:29:28 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	221582	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	367469	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	331154	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	168385	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	122079	63.62	ug/l	0.00
Spiked Amount			Recovery	=	127.24%	
35) Dibromofluoromethane	7.88	113	106474	52.07	ug/l	0.00
Spiked Amount			Recovery	=	104.14%	
50) Toluene-d8	10.32	98	444849	51.83	ug/l	0.00
Spiked Amount			Recovery	=	103.66%	
62) 4-Bromofluorobenzene	12.62	95	165712	50.88	ug/l	0.00
Spiked Amount			Recovery	=	101.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	65740	39.047	ug/l	100
3) Chloromethane	2.21	50	75517	40.861	ug/l	100
4) Vinyl Chloride	2.37	62	122382	53.416	ug/l	100
5) Bromomethane	2.78	94	86620	53.064	ug/l	100
6) Chloroethane	2.93	64	80726	55.851	ug/l	100
7) Trichlorofluoromethane	3.26	101	91062	30.431	ug/l	100
8) Diethyl Ether	3.68	74	52888	56.840	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	101936	50.884	ug/l	100
10) Methyl Iodide	4.26	142	153892	69.524	ug/l	100
11) Tert butyl alcohol	5.17	59	33698	224.655	ug/l	100
12) 1,1-Dichloroethene	4.04	96	105733	54.141	ug/l	100
13) Acrolein	3.89	56	45109	469.822	ug/l	100
14) Allyl chloride	4.67	41	183810	67.406	ug/l	100
15) Acrylonitrile	5.36	53	113305	312.246	ug/l	100
16) Acetone	4.12	43	91876	280.330	ug/l	100
17) Carbon Disulfide	4.38	76	328107	56.481	ug/l	100
18) Methyl Acetate	4.67	43	47819	54.729	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	169759	40.181	ug/l	100
20) Methylene Chloride	4.92	84	111051	52.237	ug/l	100
21) trans-1,2-Dichloroethene	5.42	96	120571	54.557	ug/l	100
22) Diisopropyl ether	6.31	45	363451	69.084	ug/l	100
23) Vinyl Acetate	6.26	43	1106226	355.073	ug/l	100
24) 1,1-Dichloroethane	6.21	63	218513	61.767	ug/l	100
25) 2-Butanone	7.17	43	144767	320.667	ug/l	100
26) 2,2-Dichloropropane	7.17	77	142456	41.293	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	131146	54.861	ug/l	100
28) Bromochloromethane	7.51	49	87397	67.008	ug/l	100
29) Tetrahydrofuran	7.53	42	96831	339.180	ug/l	100
30) Chloroform	7.68	83	216903	57.769	ug/l	100
31) Cyclohexane	7.95	56	213908	60.007	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	186271	52.378	ug/l	100
36) 1,1-Dichloropropene	8.08	75	181713	53.631	ug/l	100
37) Ethyl Acetate	7.25	43	71256	62.273	ug/l	100
38) Carbon Tetrachloride	8.07	117	171293	47.309	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	227529	50.886	ug/l	100
40) Benzene	8.32	78	486004	53.742	ug/l	100
41) Methacrylonitrile	7.48	41	41033	59.513	ug/l	100
42) 1,2-Dichloroethane	8.40	62	148447	55.198	ug/l	100
43) Isopropyl Acetate	8.42	43	143331	60.274	ug/l	100
44) Trichloroethene	9.09	130	127733	47.322	ug/l	100
45) 1,2-Dichloropropane	9.37	63	119765	56.234	ug/l	100
46) Dibromomethane	9.46	93	59495	49.444	ug/l	100
47) Bromodichloromethane	9.65	83	164702	51.011	ug/l	100
48) Methyl methacrylate	9.43	41	68462	61.194	ug/l	100
49) 1,4-Dioxane	9.45	88	16032	1009.426	ug/l	100
51) 4-Methyl-2-Pentanone	10.21	43	342765	305.869	ug/l	100
52) Toluene	10.39	92	319855	51.095	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	168812	52.827	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	198539	53.299	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	83896	49.777	ug/l	100
56) Ethyl methacrylate	10.65	69	117552	53.490	ug/l	100
57) 1,3-Dichloropropane	10.93	76	151515	53.597	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	290361	283.922	ug/l	100
59) 2-Hexanone	10.97	43	234011	295.652	ug/l	100
60) Dibromochloromethane	11.13	129	102681	46.814	ug/l	100
61) 1,2-Dibromoethane	11.23	107	81190	49.565	ug/l	100
64) Tetrachloroethene	10.86	164	102255	43.842	ug/l	100
65) Chlorobenzene	11.66	112	326556	49.904	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	115807	49.317	ug/l	100
67) Ethyl Benzene	11.73	91	623312	50.873	ug/l	100
68) m/p-Xylenes	11.83	106	467409	98.344	ug/l	100
69) o-Xylene	12.16	106	222209	49.911	ug/l	100
70) Styrene	12.18	104	383952	50.515	ug/l	100
71) Bromoform	12.35	173	58885	45.211	ug/l #	100
73) Isopropylbenzene	12.46	105	620301	52.017	ug/l	100
74) N-amyl acetate	12.27	43	143390	65.487	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	96787	55.922	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	133513	97.950	ug/l #	100
77) Bromobenzene	12.74	156	130982	48.731	ug/l	100
78) n-propylbenzene	12.80	91	748333	53.681	ug/l	100
79) 2-Chlorotoluene	12.89	91	423465	53.911	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	530131	51.828	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	34636	56.127	ug/l	100
82) 4-Chlorotoluene	12.99	91	448016	53.780	ug/l	100
83) tert-Butylbenzene	13.21	119	451699	50.654	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	533784	52.757	ug/l	100
85) sec-Butylbenzene	13.38	105	643522	52.063	ug/l	100
86) p-Isopropyltoluene	13.50	119	589504	51.610	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	268715	50.011	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	264095	50.121	ug/l	100
89) n-Butylbenzene	13.82	91	582448	54.983	ug/l	100
90) Hexachloroethane	14.09	117	106401	50.695	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	225298	48.518	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.48	75	16808	54.396	ug/l	100

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Quant Title : SW846 8260
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Response via : Initial Calibration

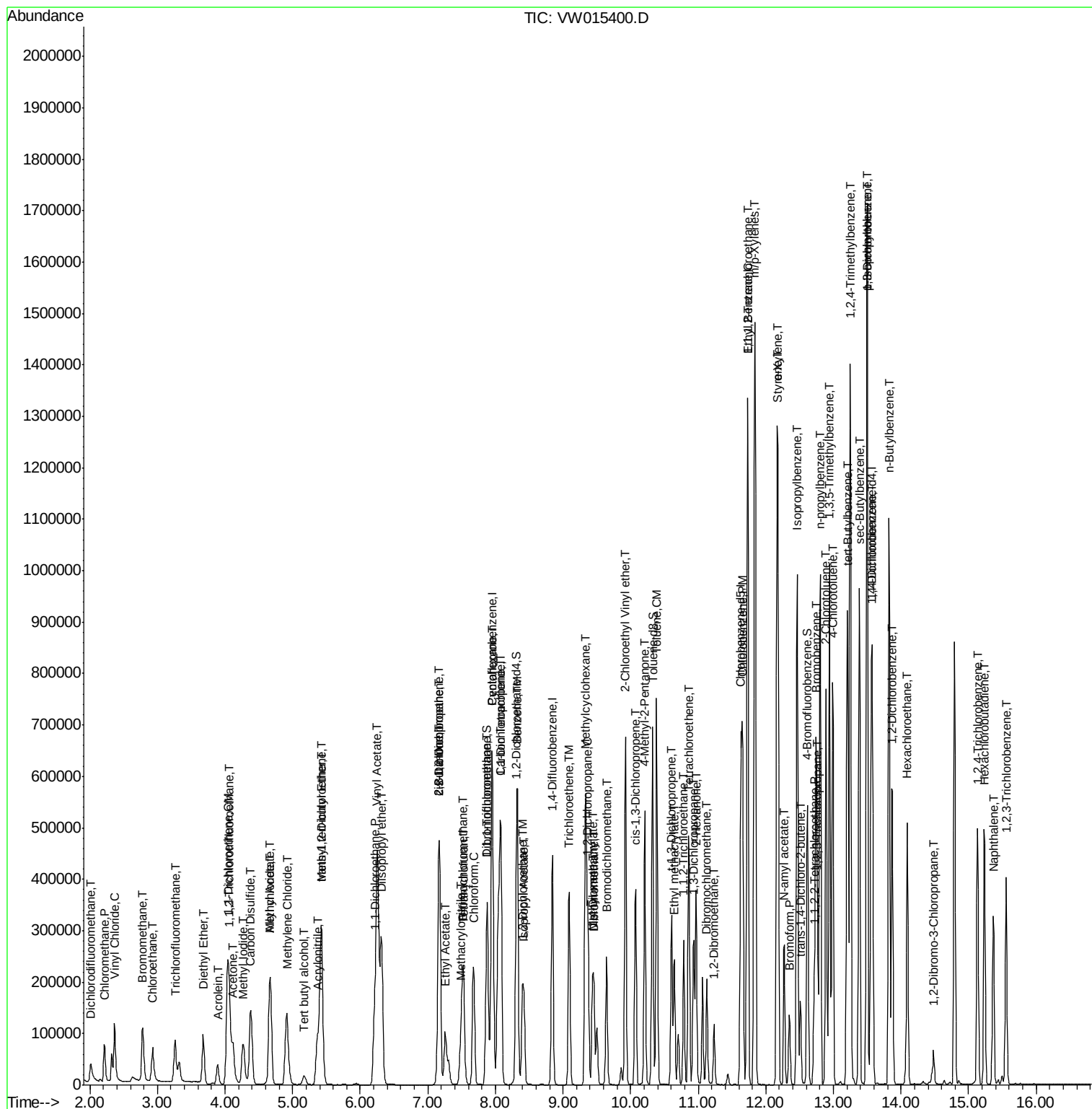
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	153335	47.750	ug/l	100
94) Hexachlorobutadiene	15.24	225	91593	43.226	ug/l	100
95) Naphthalene	15.36	128	279327	53.060	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	130550	49.643	ug/l	100

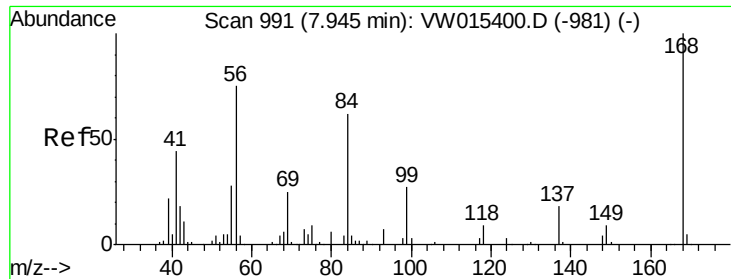
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW015400.D

Acq: 05 May 2020 17:28

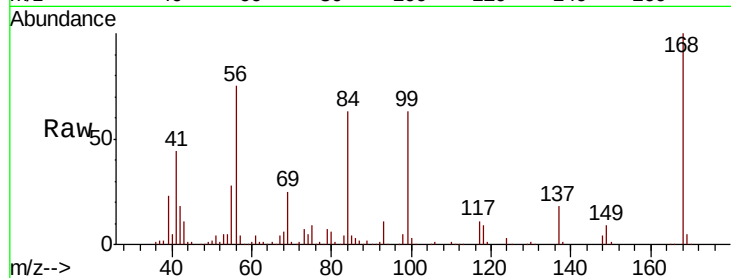
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 221582

Ion Ratio Lower Upper

168 100

99 62.9 50.3 75.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

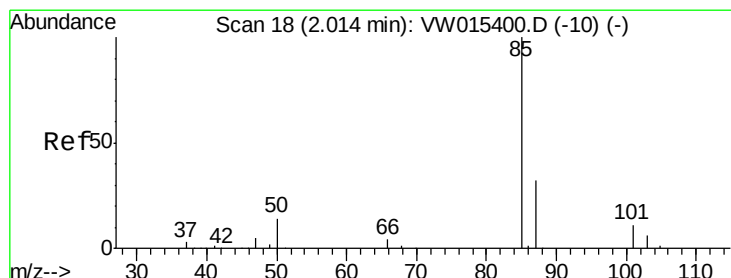
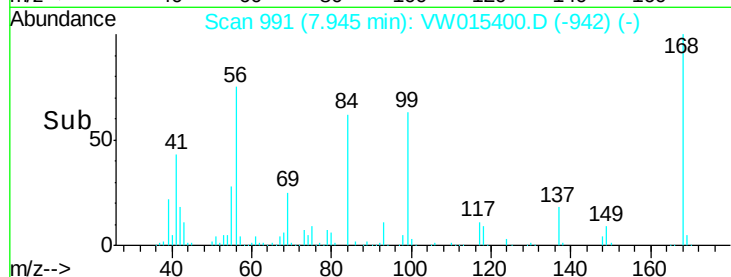
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 39.047 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW015400.D

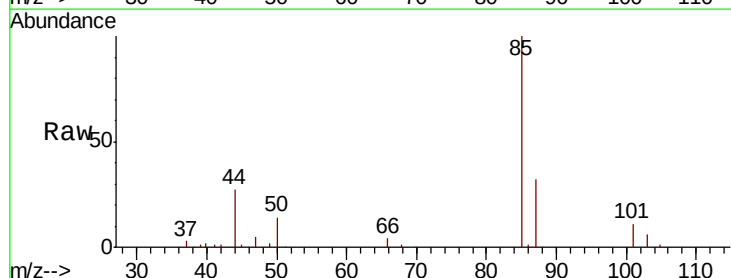
Acq: 05 May 2020 17:28

Tgt Ion: 85 Resp: 65740

Ion Ratio Lower Upper

85 100

87 32.2 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

20000

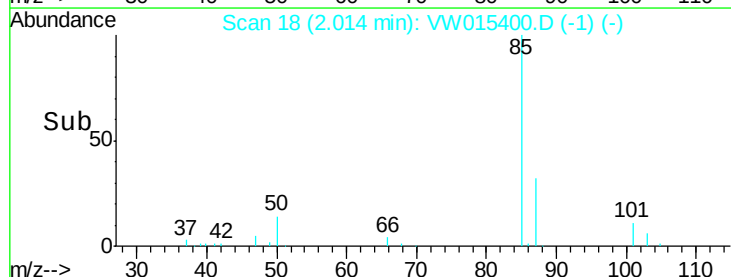
15000

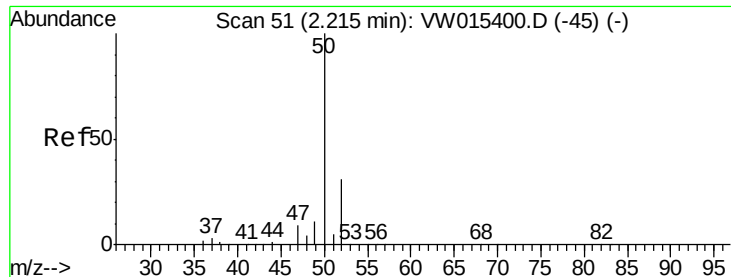
10000

5000

0

Time--> 2.00 2.20





#3

Chloromethane

Concen: 40.861 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW015400.D

Acq: 05 May 2020 17:28

Instrument :

MSVOA_W

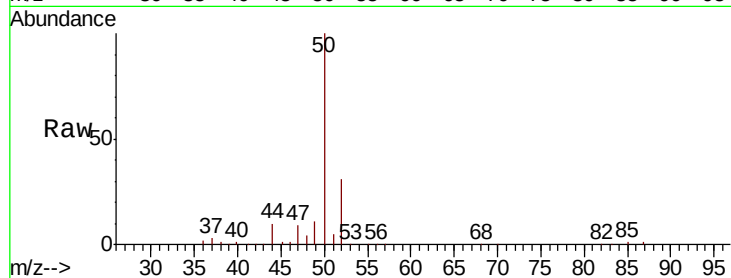
ClientSampleId :

Tot Ion: 50 Resp: 75517

Ion Ratio Lower Upper

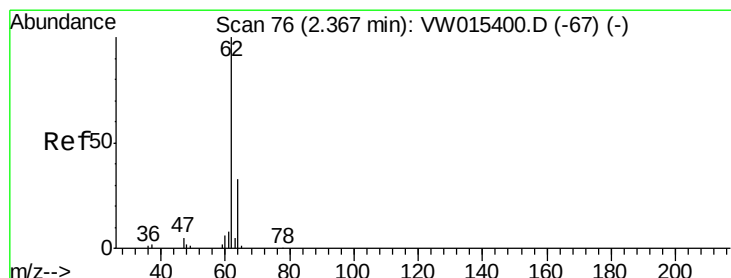
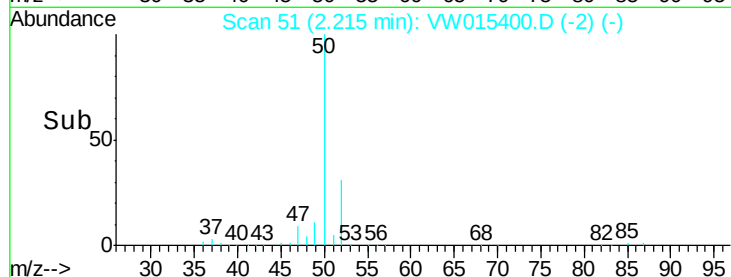
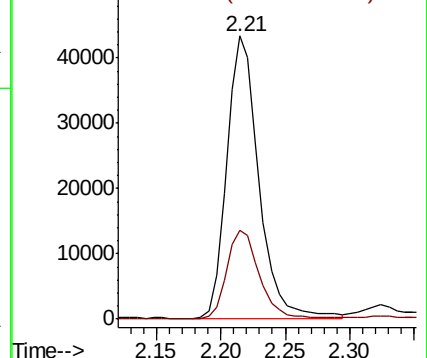
50 100

52 31.3 25.0 37.6



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 53.416 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW015400.D

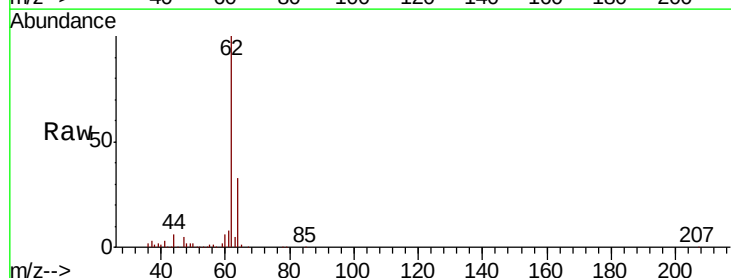
Acq: 05 May 2020 17:28

Tgt Ion: 62 Resp: 122382

Ion Ratio Lower Upper

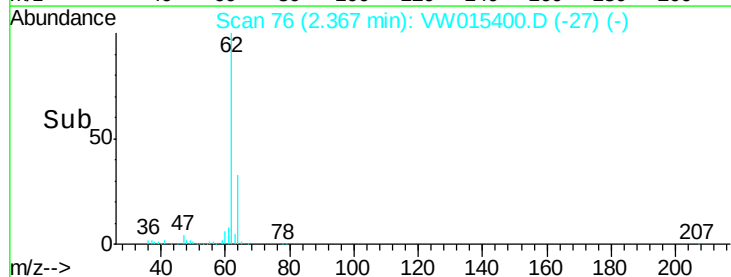
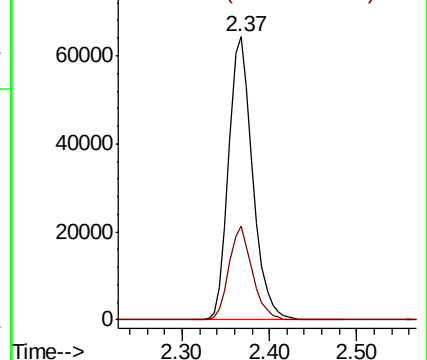
62 100

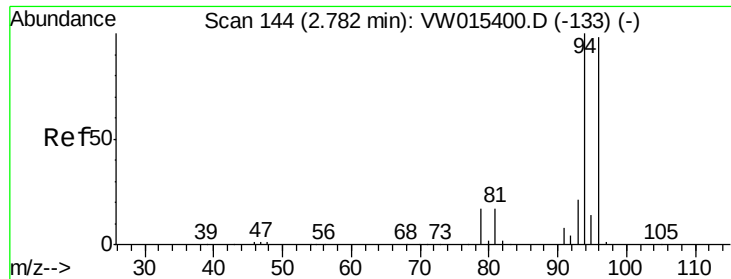
64 33.0 26.4 39.6



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 53.064 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.00 min

Lab File: VW015400.D

Acq: 05 May 2020 17:28

Instrument :

MSVOA_W

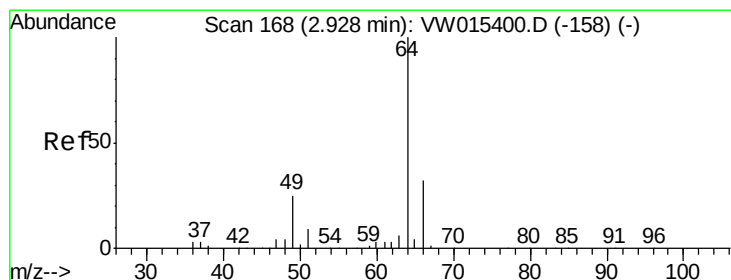
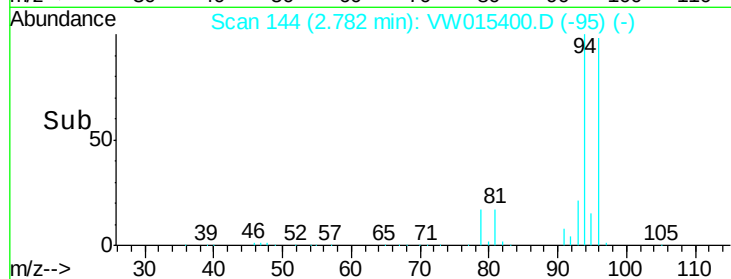
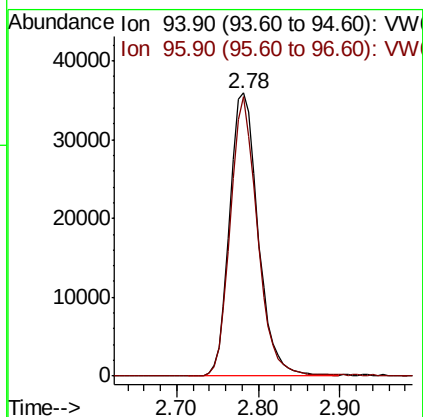
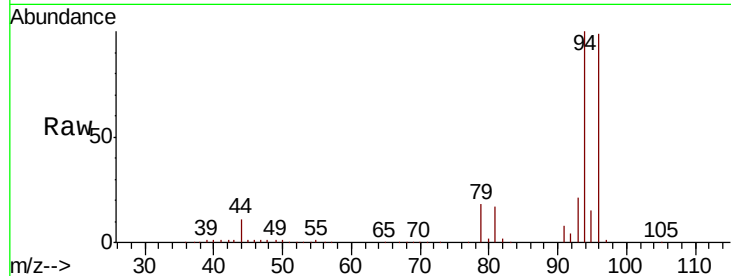
ClientSampleId :

Tot Ion: 94 Resp: 86620

Ion Ratio Lower Upper

94 100

96 98.5 78.8 118.2



#6

Chloroethane

Concen: 55.851 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW015400.D

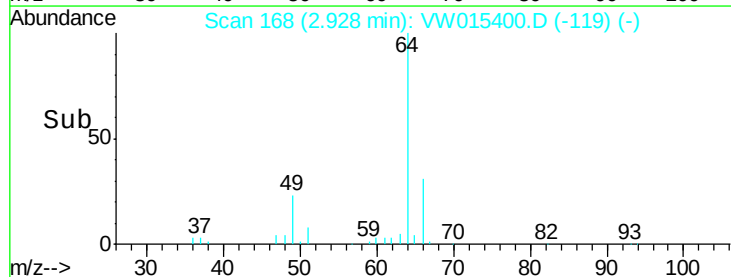
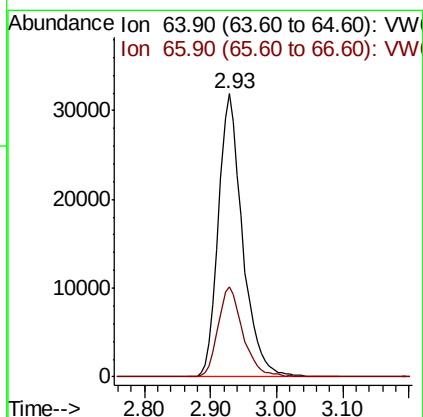
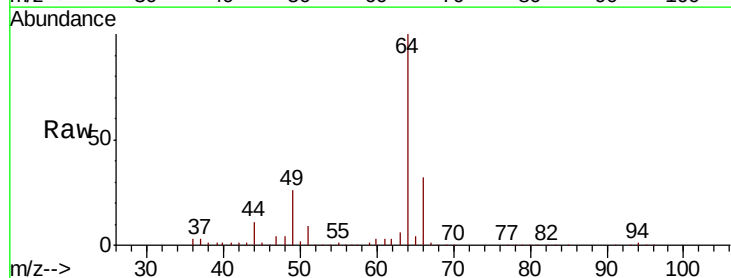
Acq: 05 May 2020 17:28

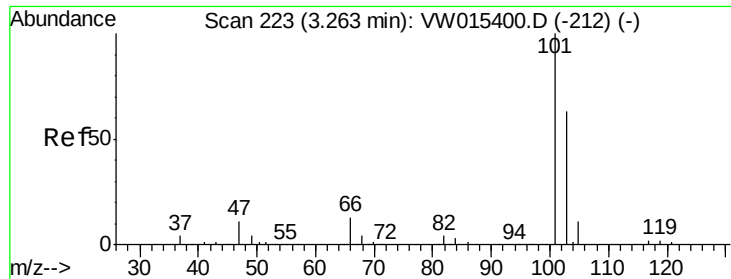
Tgt Ion: 64 Resp: 80726

Ion Ratio Lower Upper

64 100

66 31.7 25.4 38.0



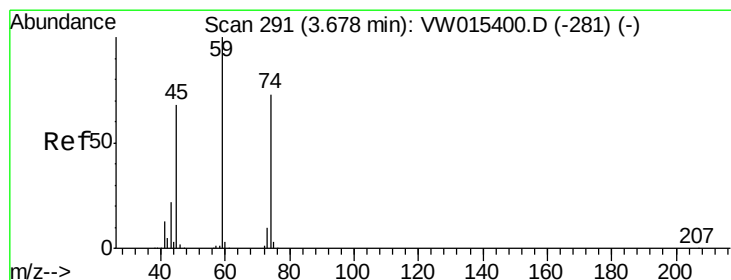
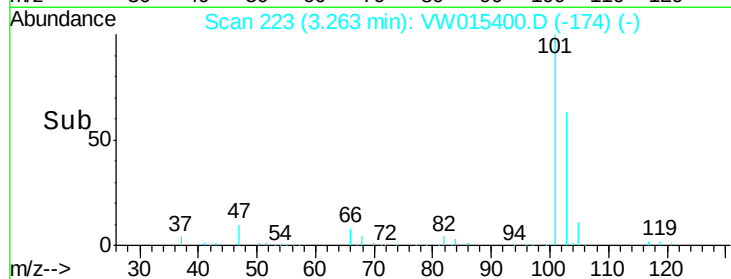
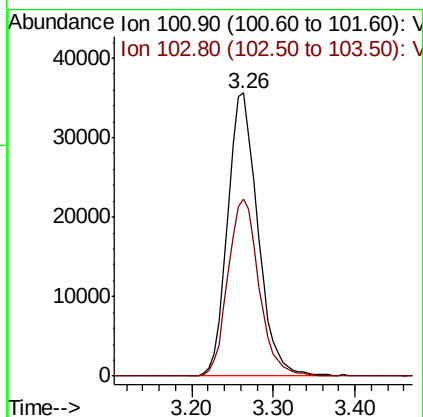
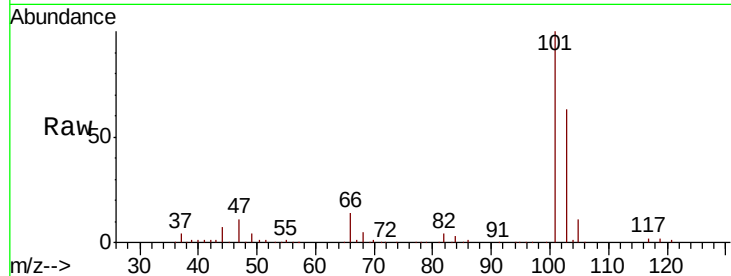


#7

Trichlorofluoromethane
 Concen: 30.431 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VW015400.D
 Acq: 05 May 2020 17:28

Instrument :
 MSVOA_W
 ClientSampled :

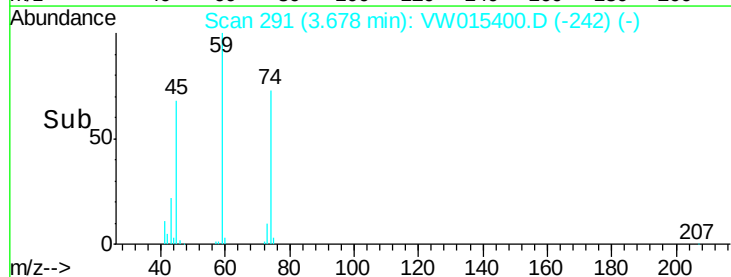
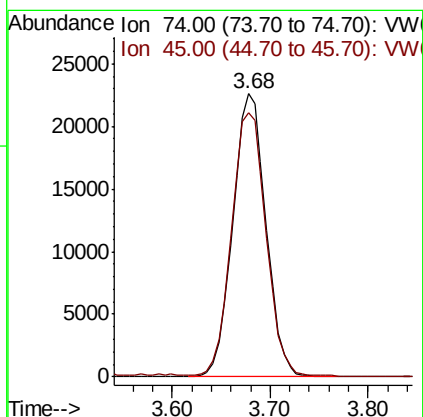
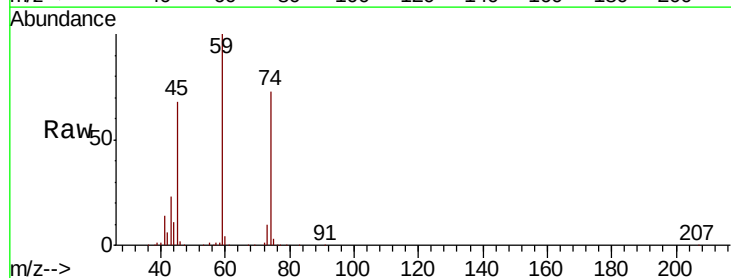
Tot Ion:101 Resp: 91062
 Ion Ratio Lower Upper
 101 100
 103 62.8 50.2 75.4

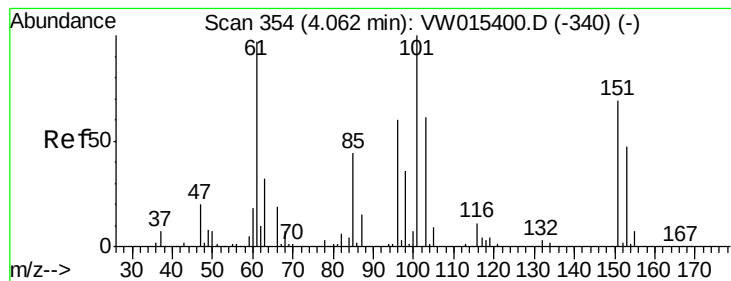


#8

Diethyl Ether
 Concen: 56.840 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW015400.D
 Acq: 05 May 2020 17:28

Tgt Ion: 74 Resp: 52888
 Ion Ratio Lower Upper
 74 100
 45 96.5 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.884 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW015400.D

Acq: 05 May 2020 17:28

Instrument :

MSVOA_W

ClientSampled :

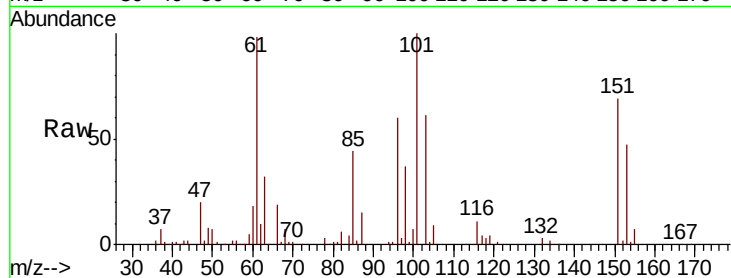
Tot Ion:101 Resp: 101936

Ion Ratio Lower Upper

101 100

85 46.6 37.3 55.9

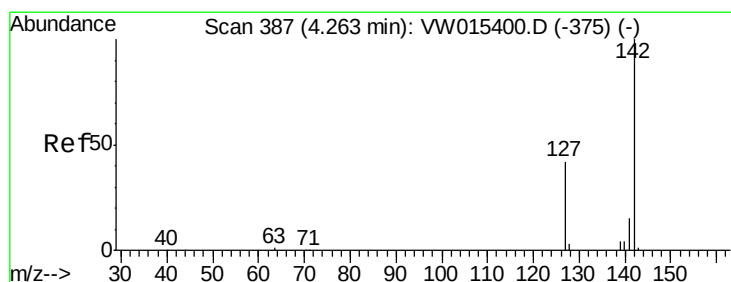
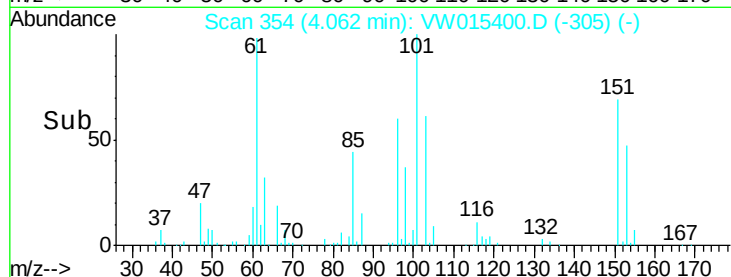
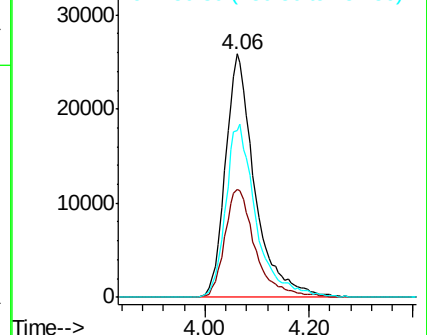
151 73.6 58.9 88.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 69.524 ug/l

RT: 4.26 min Scan# 387

Delta R.T. 0.00 min

Lab File: VW015400.D

Acq: 05 May 2020 17:28

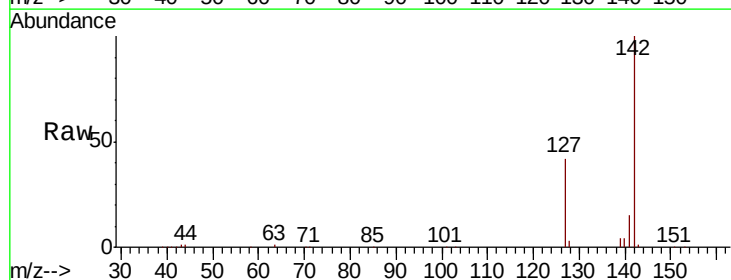
Tgt Ion:142 Resp: 153892

Ion Ratio Lower Upper

142 100

127 44.3 35.4 53.2

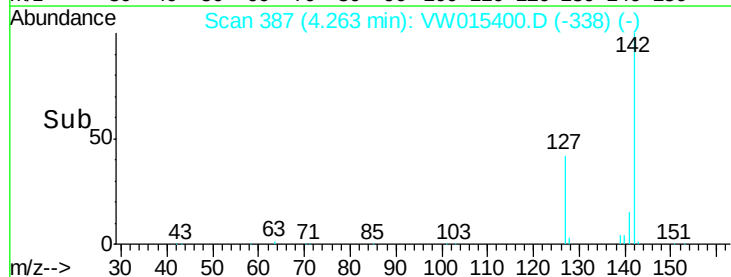
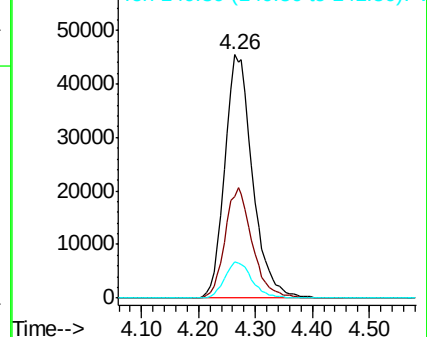
141 14.6 11.7 17.5

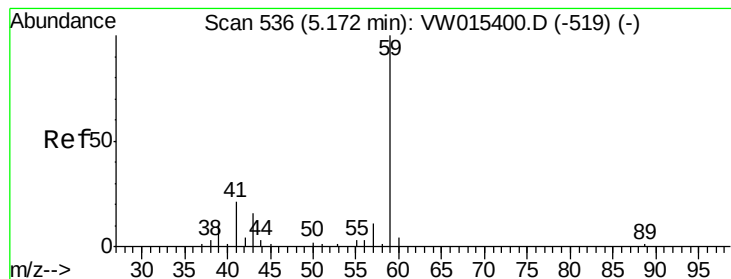


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



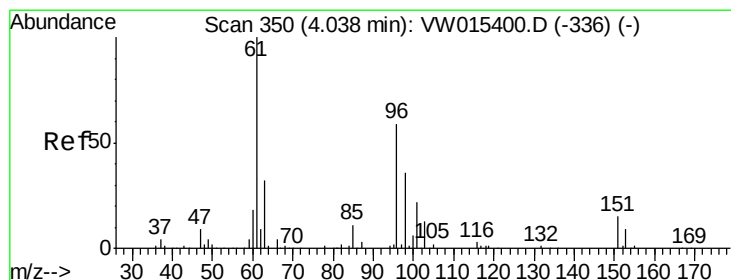
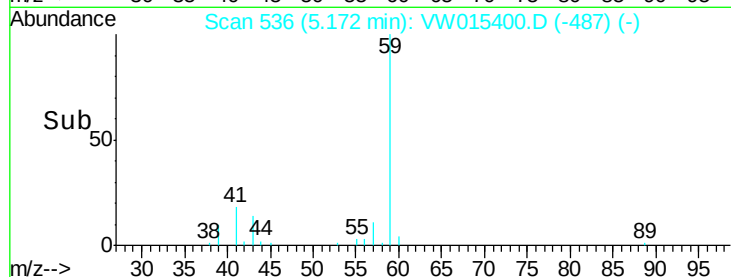
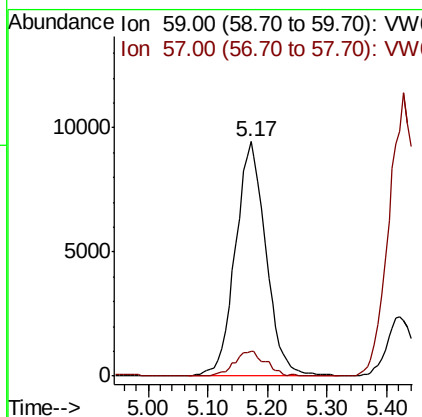
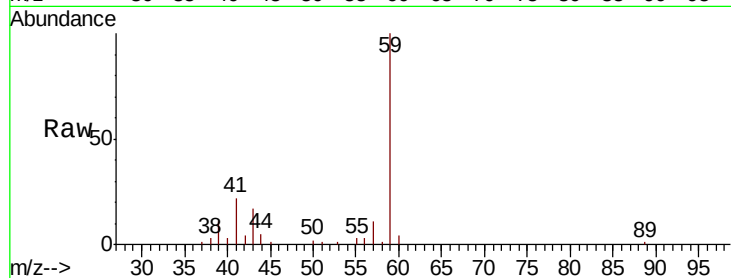


#11

Tert butyl alcohol
 Concen: 224.655 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. 0.00 min
 Lab File: VW015400.D
 Acq: 05 May 2020 17:28

Instrument :
 MSVOA_W
 ClientSampled :

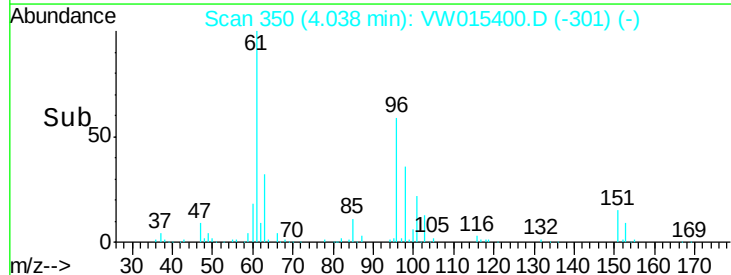
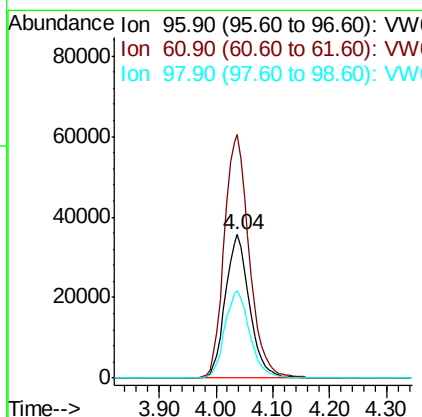
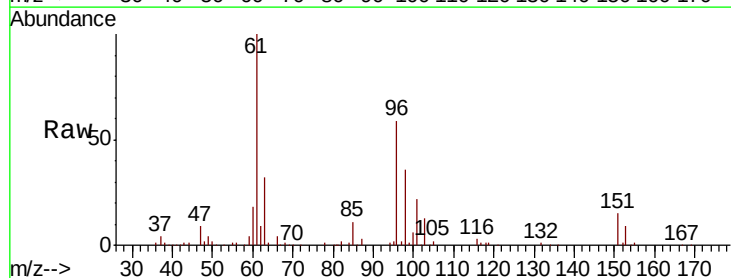
Tot Ion: 59 Resp: 33698
 Ion Ratio Lower Upper
 59 100
 57 10.8 8.6 13.0

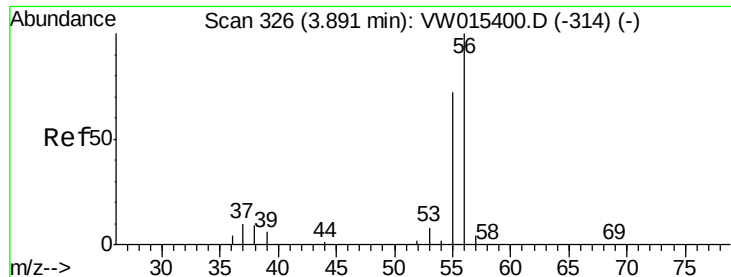


#12

1,1-Dichloroethene
 Concen: 54.141 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW015400.D
 Acq: 05 May 2020 17:28

Tgt Ion: 96 Resp: 105733
 Ion Ratio Lower Upper
 96 100
 61 169.8 135.8 203.8
 98 60.7 48.6 72.8





#13

Acrolein

Concen: 469.822 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW015400.D

Acq: 05 May 2020 17:28

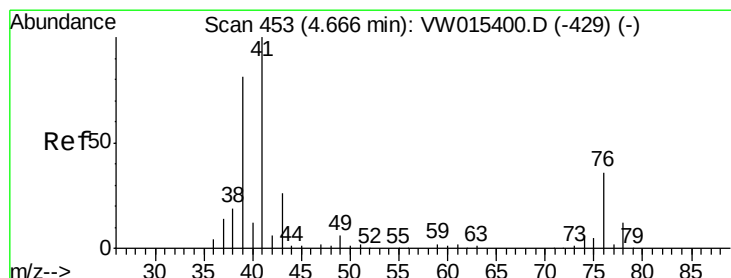
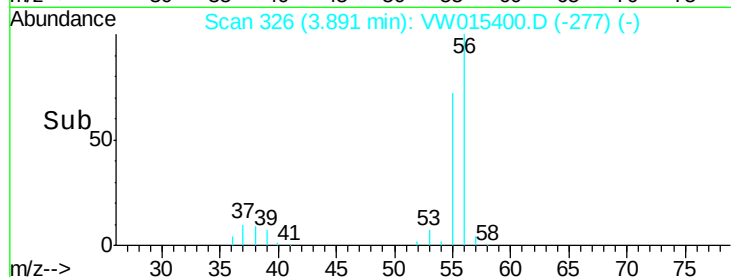
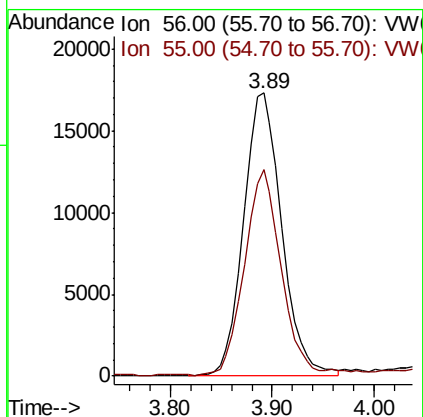
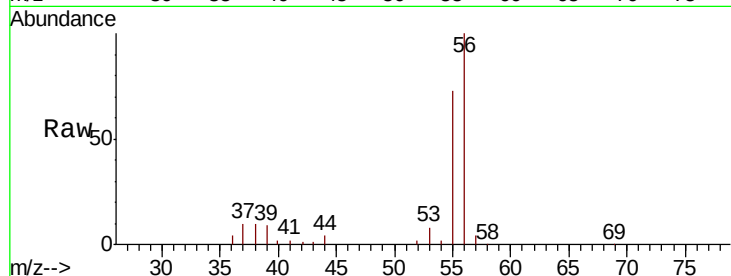
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 56 Resp: 45109

Ion Ratio Lower Upper

56 100

55 70.5 56.4 84.6



#14

Allyl chloride

Concen: 67.406 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW015400.D

Acq: 05 May 2020 17:28

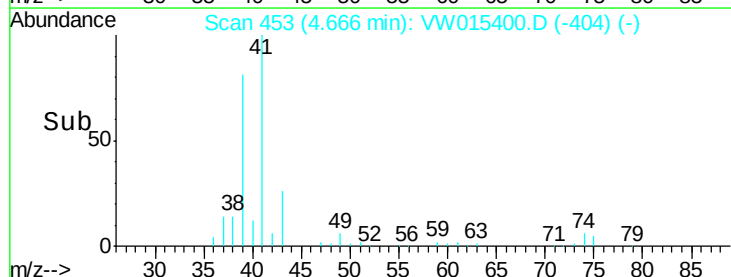
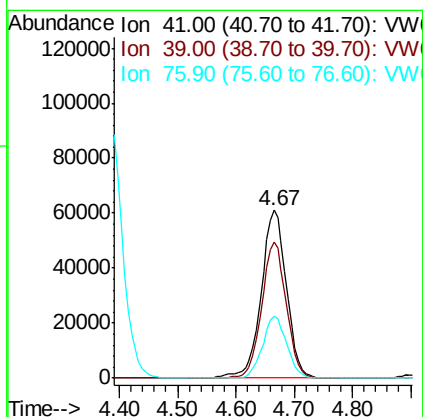
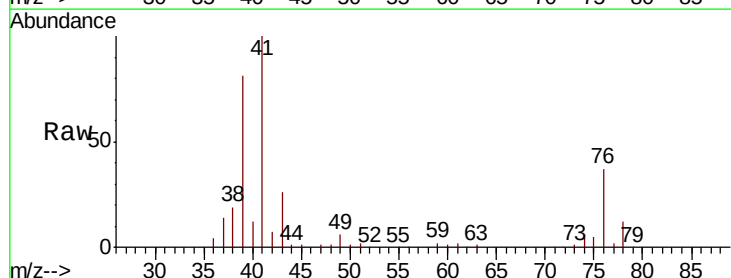
Tgt Ion: 41 Resp: 183810

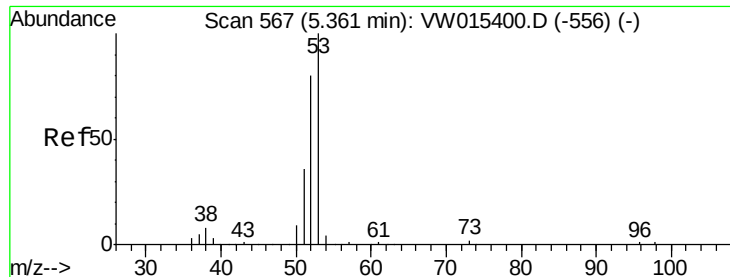
Ion Ratio Lower Upper

41 100

39 79.5 63.6 95.4

76 35.5 28.4 42.6





#15

Acrylonitrile

Concen: 312.246 ug/l

RT: 5.36 min Scan# 567

Delta R.T. 0.00 min

Lab File: VW015400.D

Acq: 05 May 2020 17:28

Instrument :

MSVOA_W

ClientSampleId :

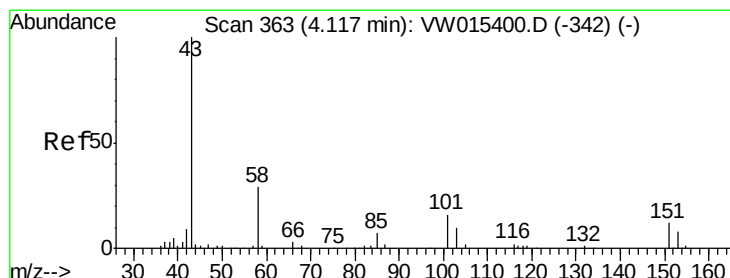
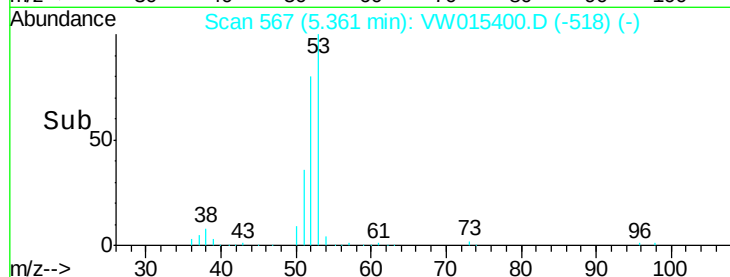
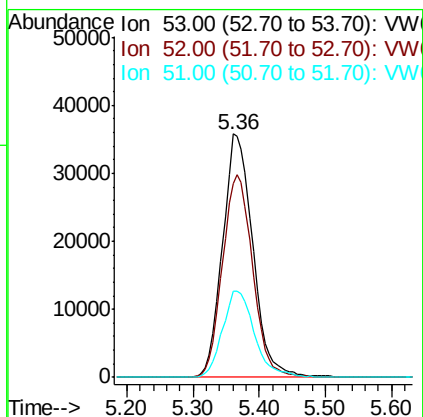
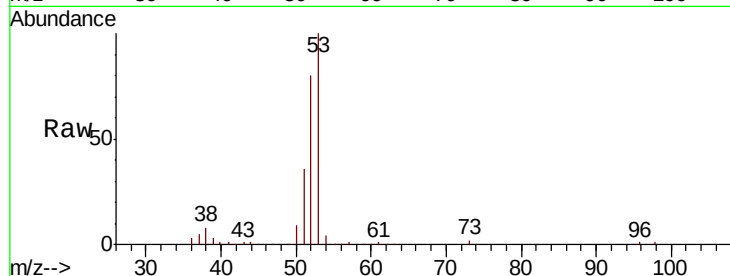
Tot Ion: 53 Resp: 113305

Ion Ratio Lower Upper

53 100

52 83.2 66.6 99.8

51 37.7 30.2 45.2



#16

Acetone

Concen: 280.330 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW015400.D

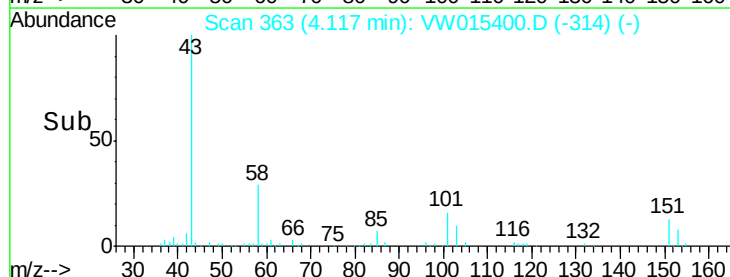
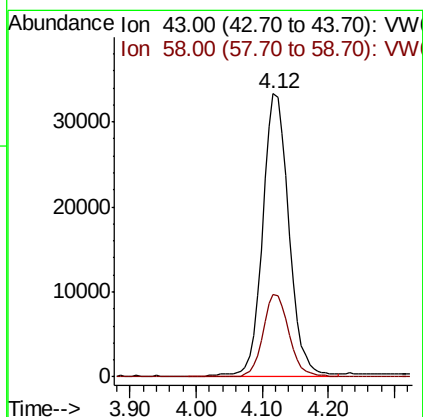
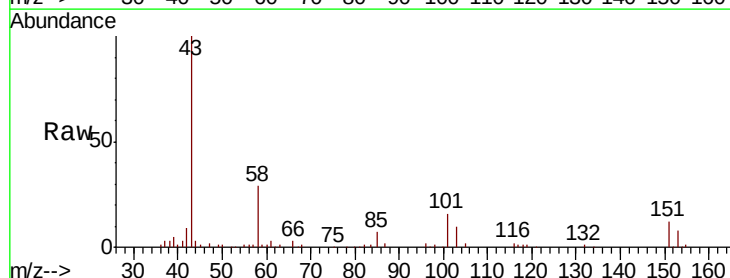
Acq: 05 May 2020 17:28

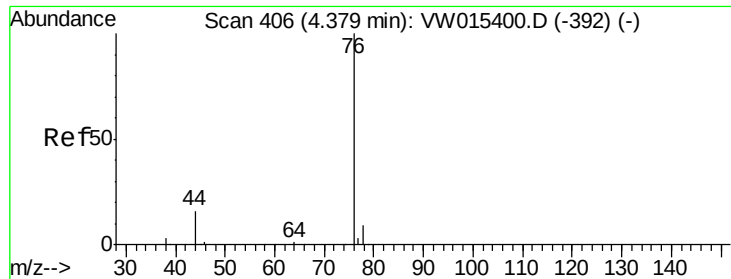
Tgt Ion: 43 Resp: 91876

Ion Ratio Lower Upper

43 100

58 29.2 23.4 35.0





#17

Carbon Disulfide

Concen: 56.481 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW015400.D

Acq: 05 May 2020 17:28

Instrument :

MSVOA_W

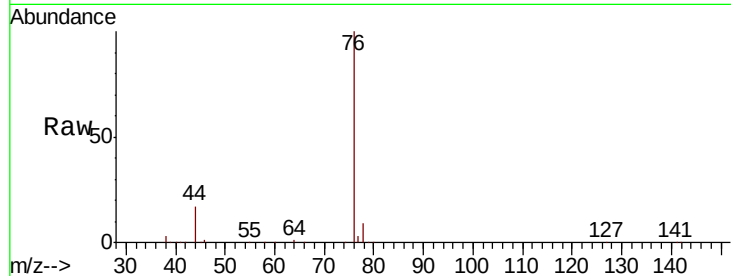
ClientSampleId :

Tot Ion: 76 Resp: 328107

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

4.38

120000

100000

80000

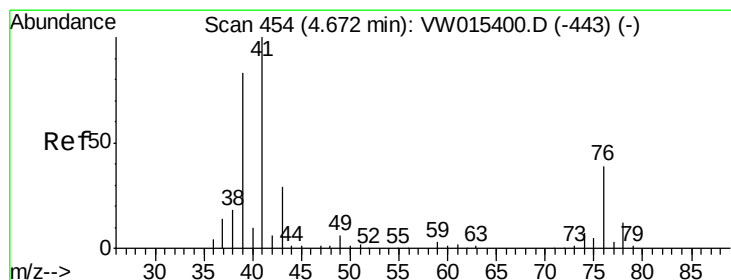
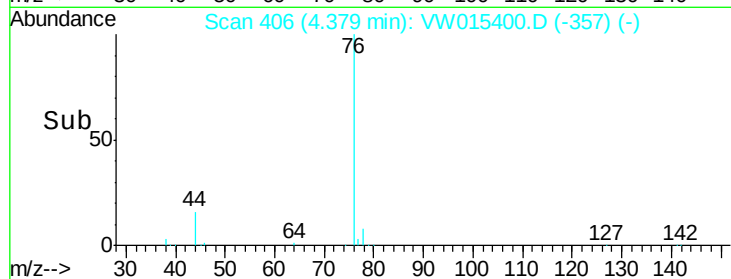
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 54.729 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.00 min

Lab File: VW015400.D

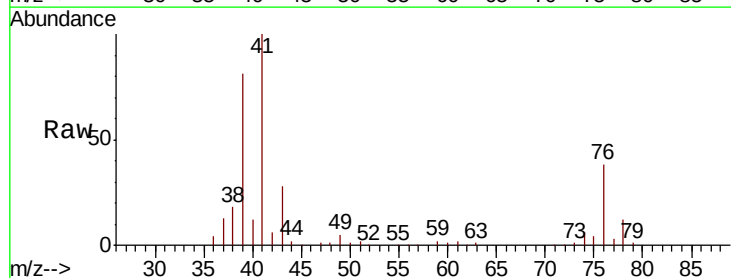
Acq: 05 May 2020 17:28

Tgt Ion: 43 Resp: 47819

Ion Ratio Lower Upper

43 100

74 23.4 18.7 28.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.67

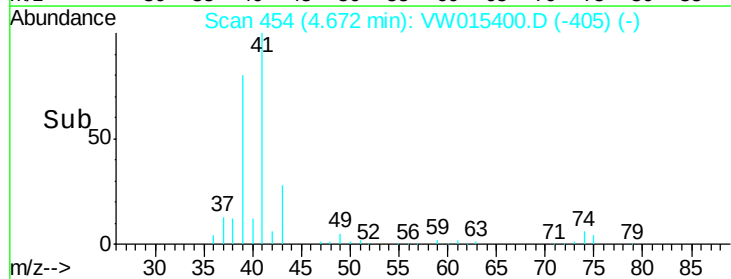
15000

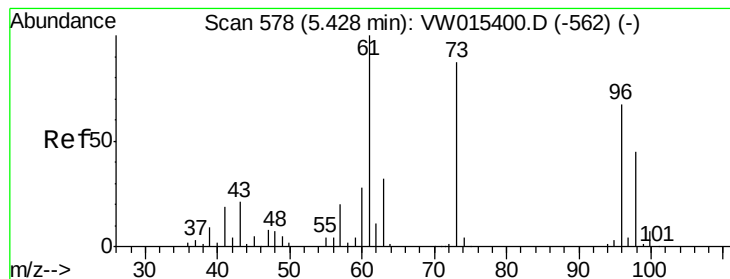
10000

5000

0

Time-->



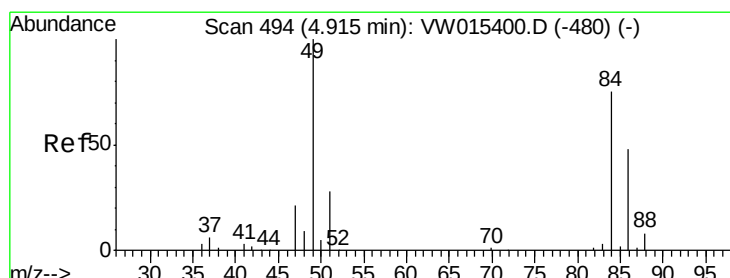
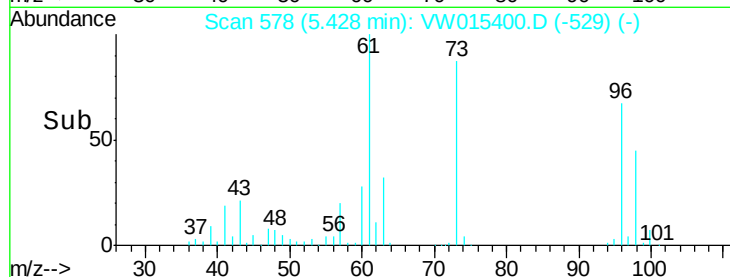
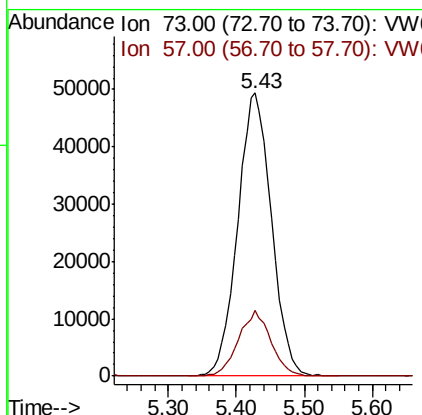
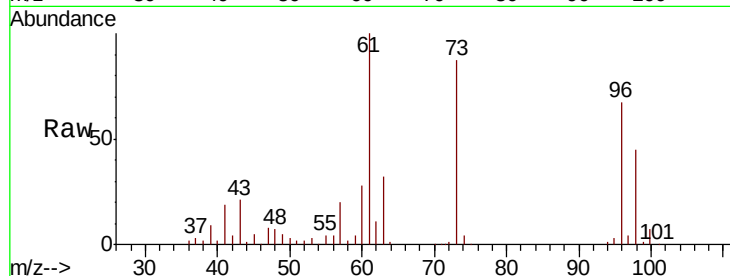


#19

Methyl tert-butyl Ether
 Concen: 40.181 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. 0.00 min
 Lab File: VW015400.D
 Acq: 05 May 2020 17:28

Instrument :
 MSVOA_W
 ClientSampled :

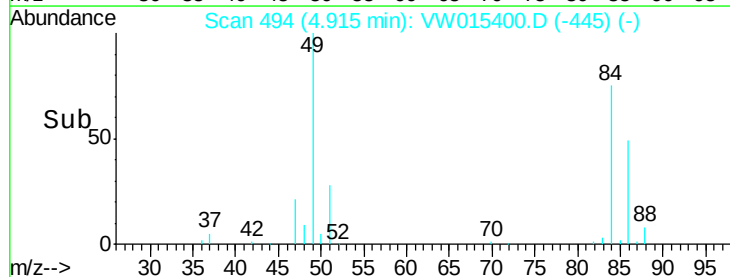
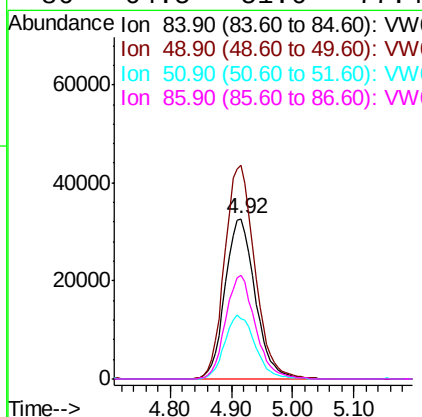
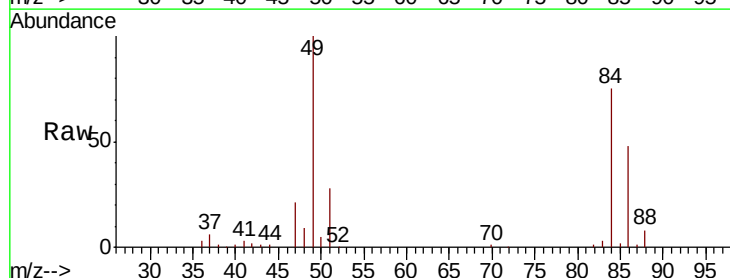
Tot Ion: 73 Resp: 169759
 Ion Ratio Lower Upper
 73 100
 57 23.1 18.5 27.7

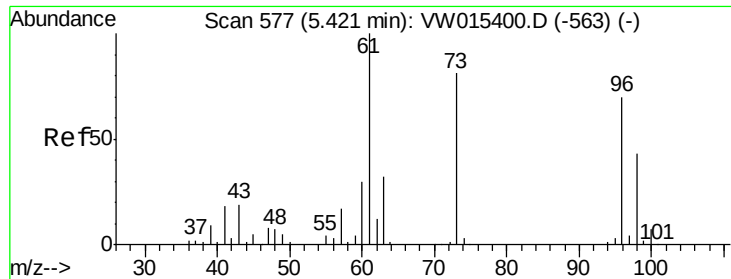


#20

Methylene Chloride
 Concen: 52.237 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. 0.00 min
 Lab File: VW015400.D
 Acq: 05 May 2020 17:28

Tgt Ion: 84 Resp: 111051
 Ion Ratio Lower Upper
 84 100
 49 133.0 106.4 159.6
 51 37.7 30.2 45.2
 86 64.5 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 54.557 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW015400.D

Acq: 05 May 2020 17:28

Instrument :

MSVOA_W

ClientSampleId :

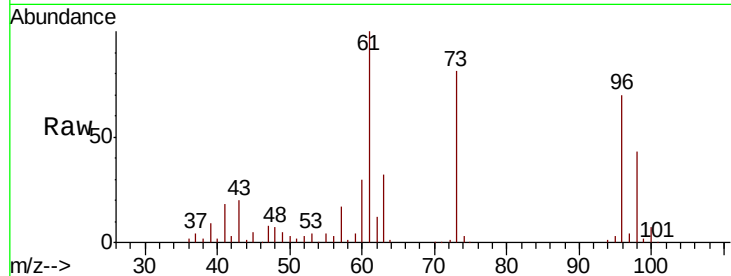
Tot Ion: 96 Resp: 120571

Ion Ratio Lower Upper

96 100

61 143.6 114.9 172.3

98 61.7 49.4 74.0

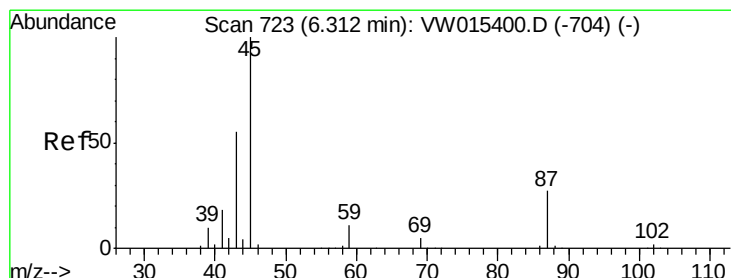
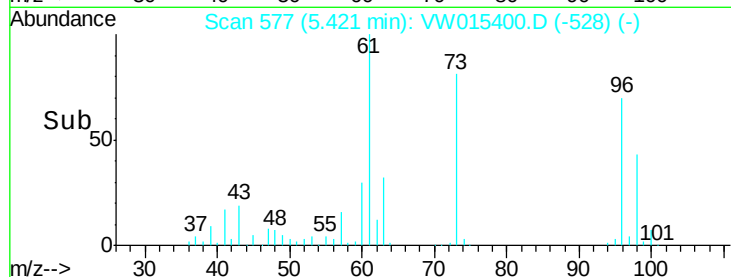
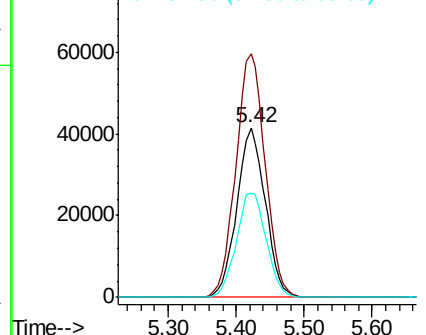


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 69.084 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.00 min

Lab File: VW015400.D

Acq: 05 May 2020 17:28

Tgt Ion: 45 Resp: 363451

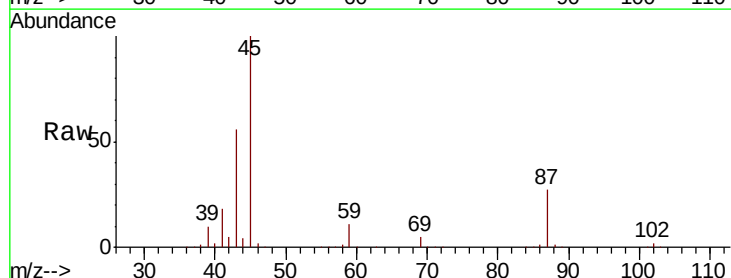
Ion Ratio Lower Upper

45 100

43 55.3 44.2 66.4

87 27.0 21.6 32.4

59 11.3 9.0 13.6



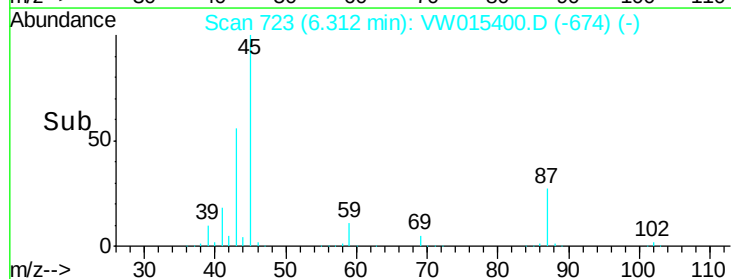
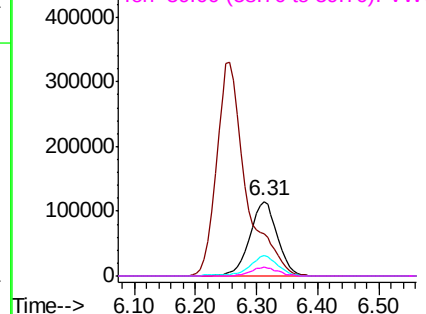
Abundance

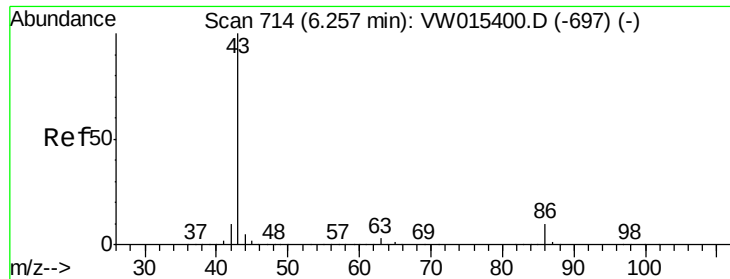
Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 355.073 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW015400.D

Acq: 05 May 2020 17:28

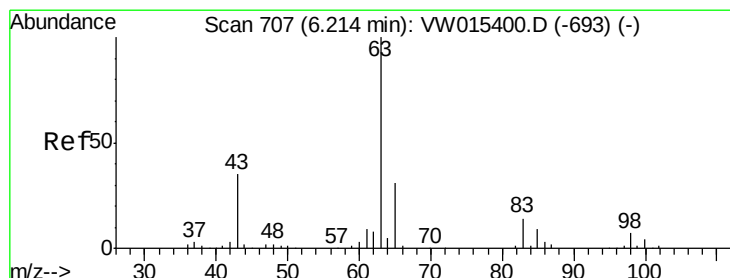
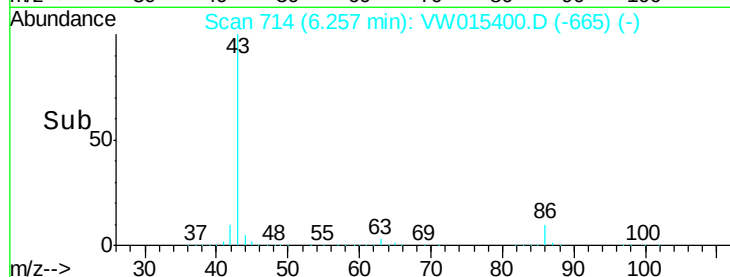
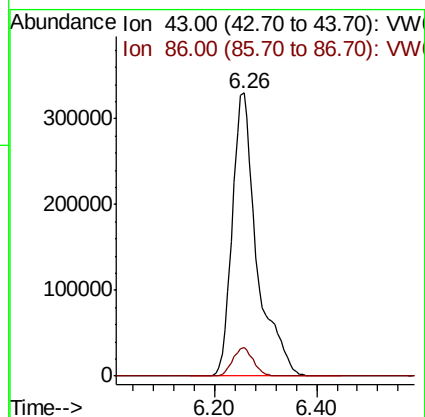
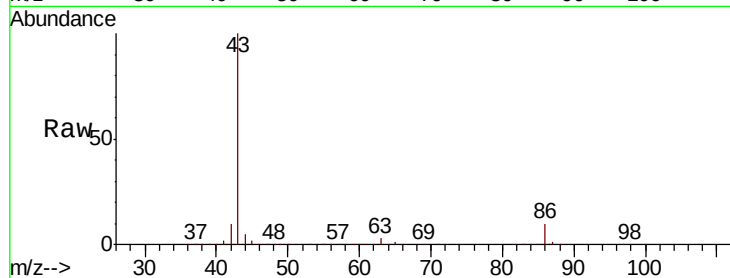
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 1106226

Ion Ratio Lower Upper

43 100

86 10.1 8.1 12.1



#24

1,1-Dichloroethane

Concen: 61.767 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW015400.D

Acq: 05 May 2020 17:28

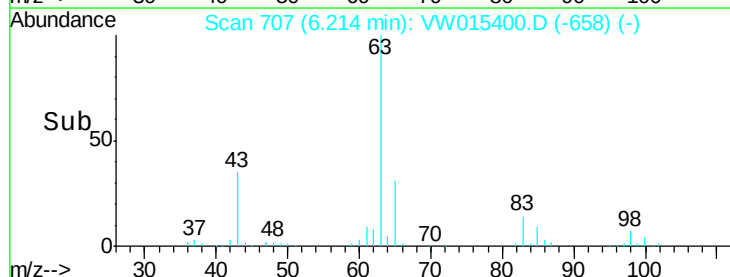
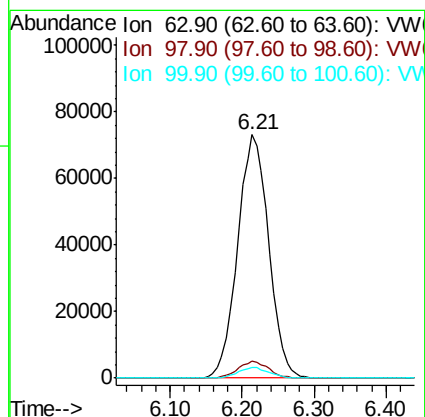
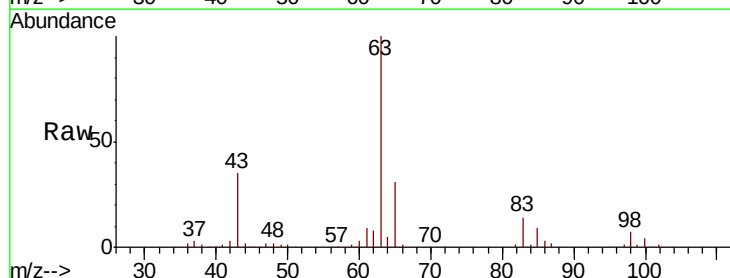
Tgt Ion: 63 Resp: 218513

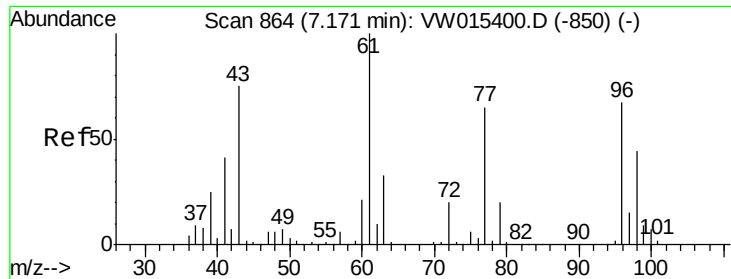
Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.4

100 4.3 2.1 6.5

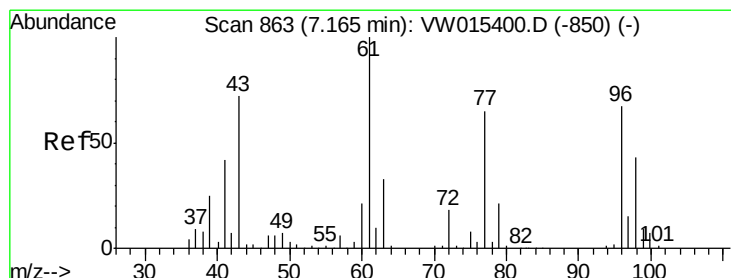
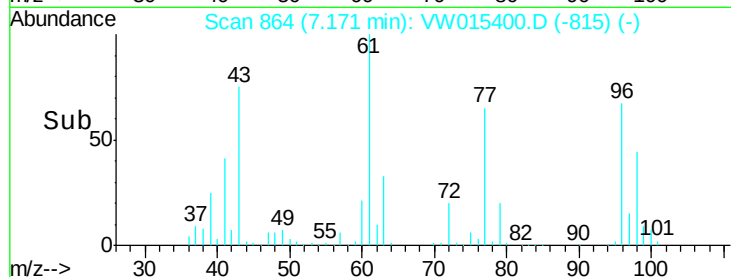
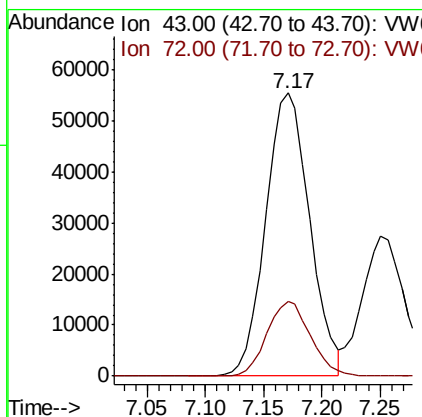
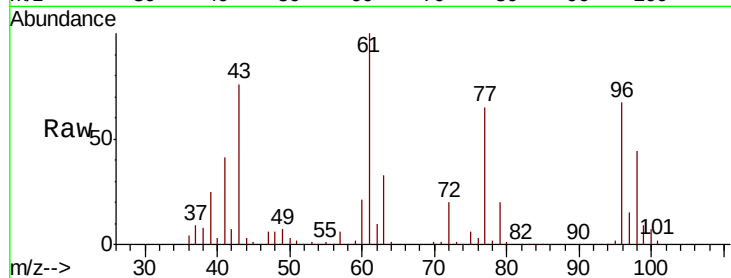




#25
2-Butanone
Concen: 320.667 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW015400.D
Acq: 05 May 2020 17:28

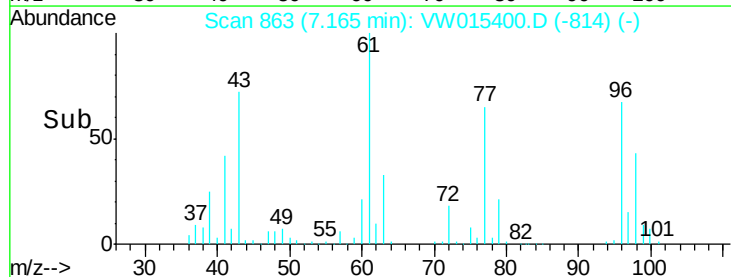
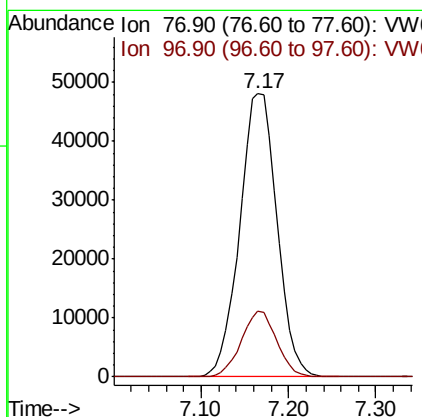
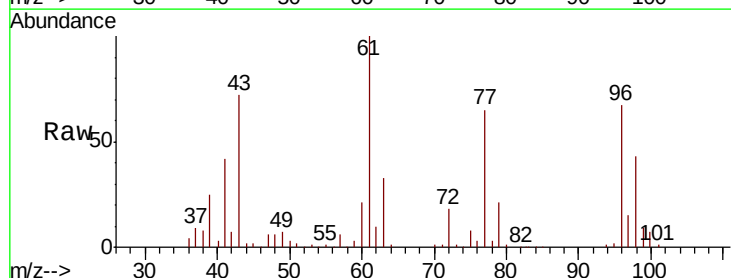
Instrument :
MSVOA_W
ClientSampled :

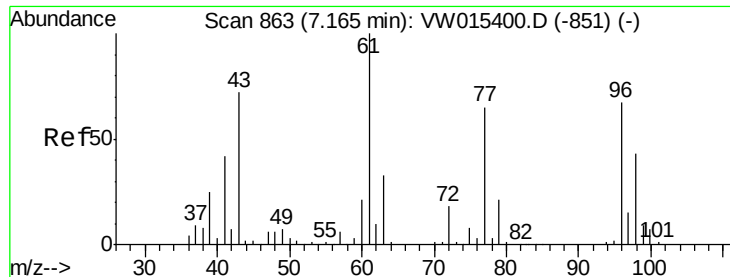
Tot Ion: 43 Resp: 144767
Ion Ratio Lower Upper
43 100
72 26.7 21.4 32.0



#26
2,2-Dichloropropane
Concen: 41.293 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW015400.D
Acq: 05 May 2020 17:28

Tgt Ion: 77 Resp: 142456
Ion Ratio Lower Upper
77 100
97 22.1 11.1 33.1

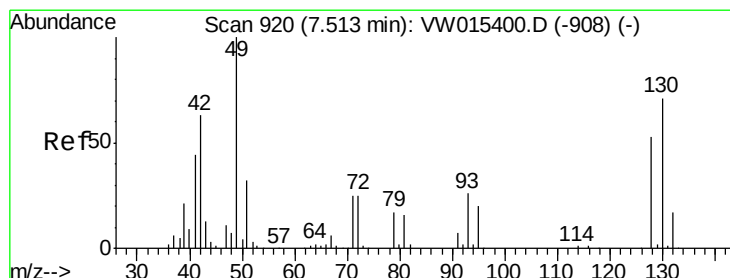
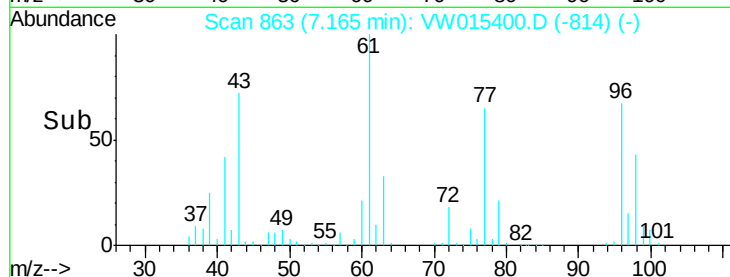
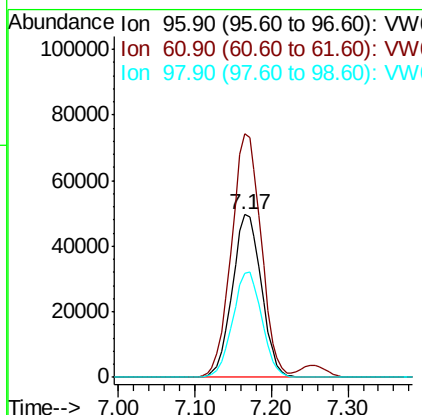
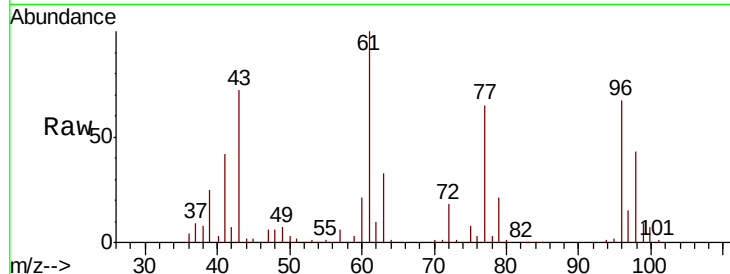




#27
 cis-1,2-Dichloroethene
 Concen: 54.861 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: VW015400.D
 Acq: 05 May 2020 17:28

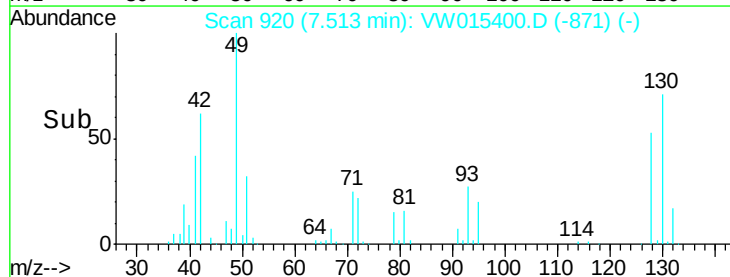
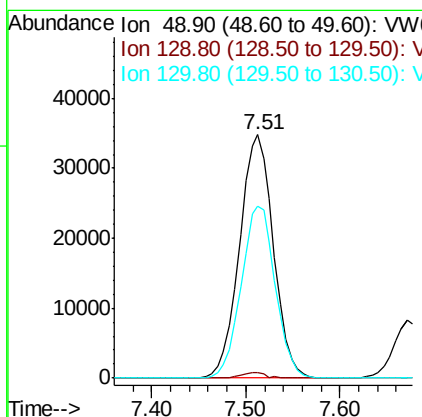
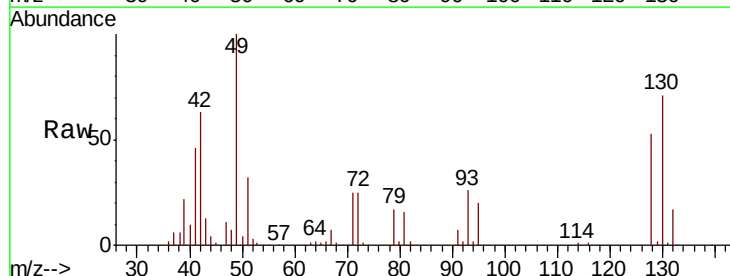
Instrument :
 MSVOA_W
 ClientSampled :

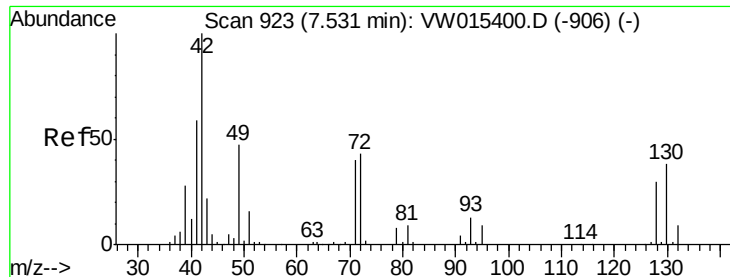
Tot Ion	96	Resp	131146
Ion	Ratio	Lower	Upper
96	100		
61	152.3	0.0	304.6
98	64.6	0.0	129.2



#28
 Bromochloromethane
 Concen: 67.008 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VW015400.D
 Acq: 05 May 2020 17:28

Tgt Ion	49	Resp	87397
Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	3.0
130	71.2	57.0	85.4





#29

Tetrahydrofuran

Concen: 339.180 ug/l

RT: 7.53 min Scan# 923

Delta R.T. 0.00 min

Lab File: VW015400.D

Acq: 05 May 2020 17:28

Instrument :

MSVOA_W

ClientSampleId :

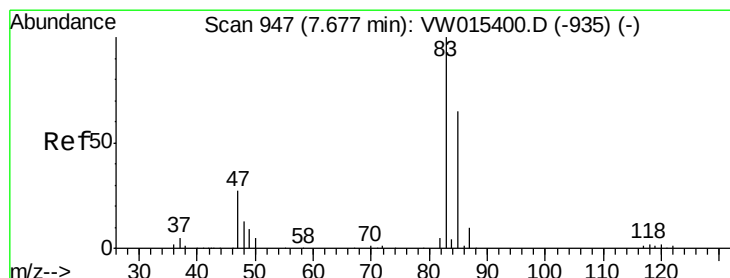
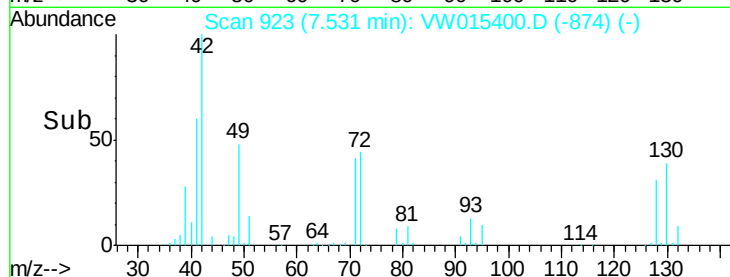
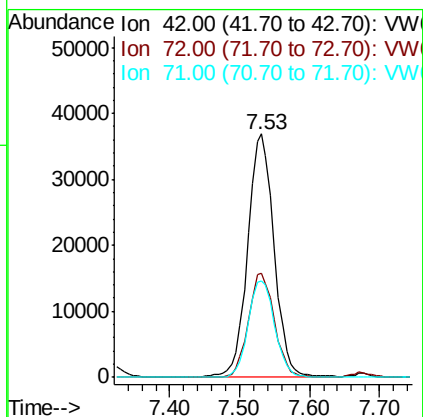
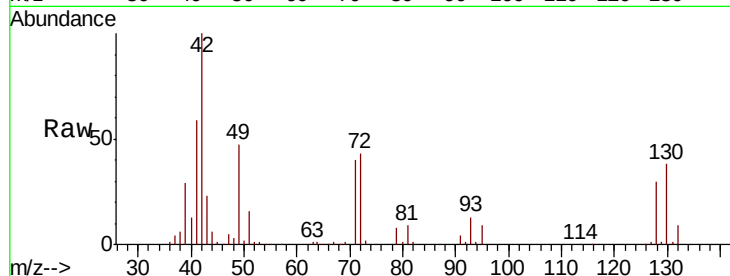
Tot Ion: 42 Resp: 96831

Ion Ratio Lower Upper

42 100

72 42.0 33.6 50.4

71 40.1 32.1 48.1



#30

Chloroform

Concen: 57.769 ug/l

RT: 7.68 min Scan# 947

Delta R.T. 0.00 min

Lab File: VW015400.D

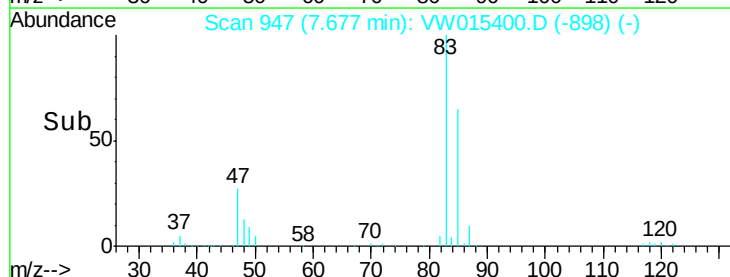
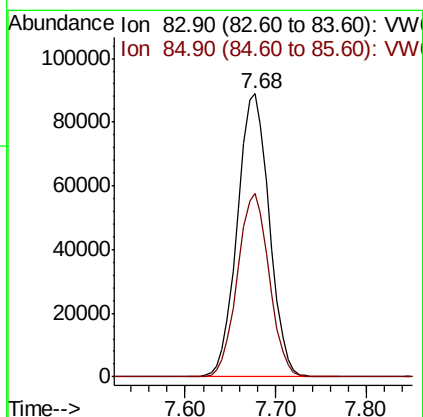
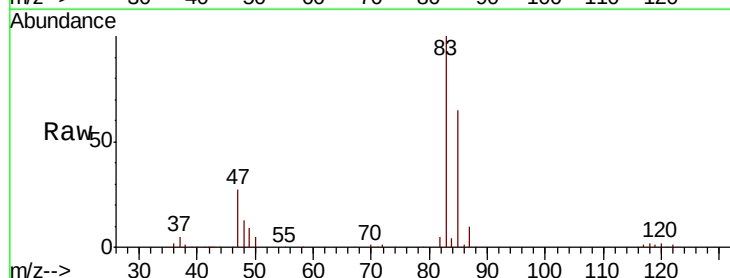
Acq: 05 May 2020 17:28

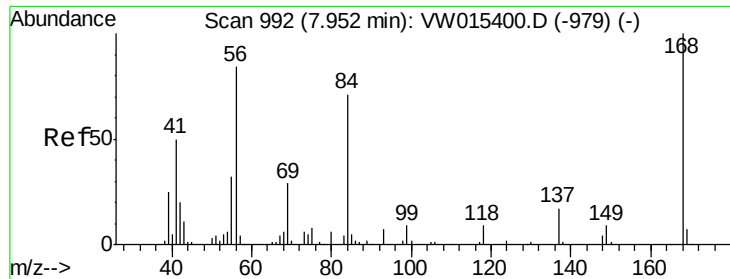
Tgt Ion: 83 Resp: 216903

Ion Ratio Lower Upper

83 100

85 64.7 51.8 77.6

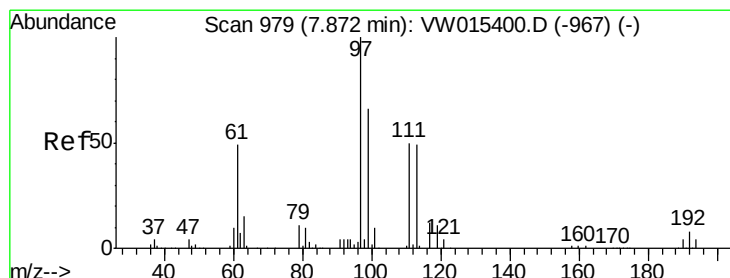
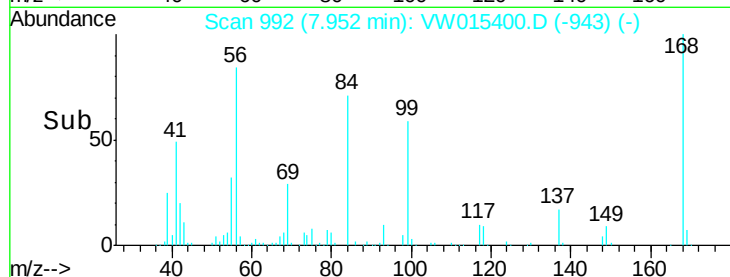
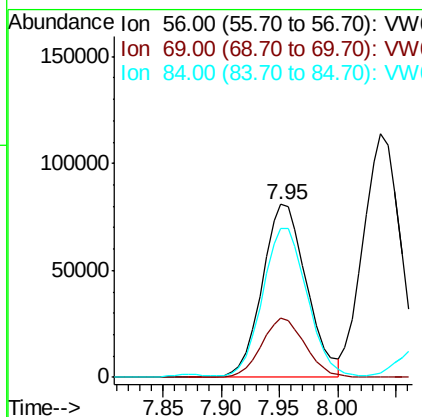
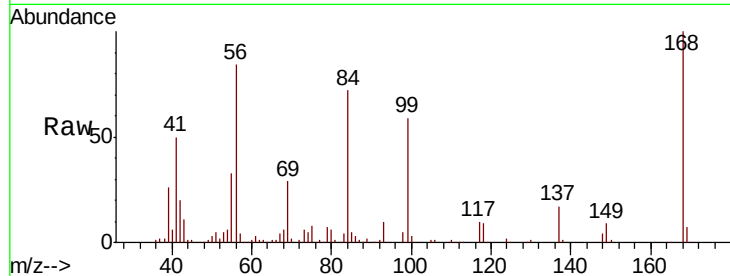




#31
Cyclohexane
Concen: 60.007 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW015400.D
Acq: 05 May 2020 17:28

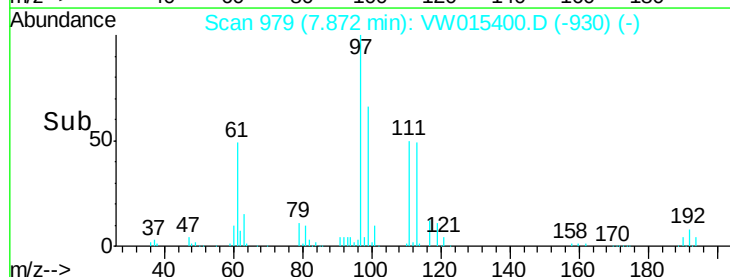
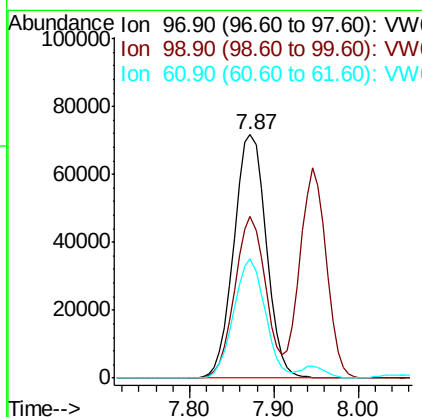
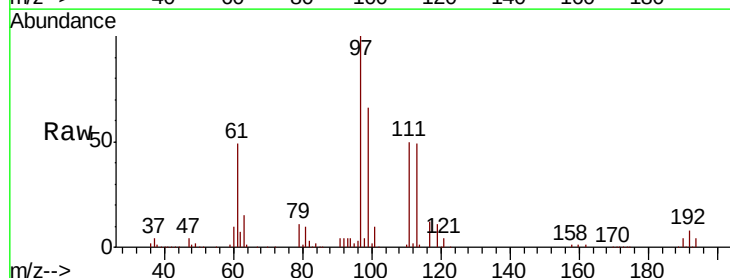
Instrument :
MSVOA_W
ClientSampled :

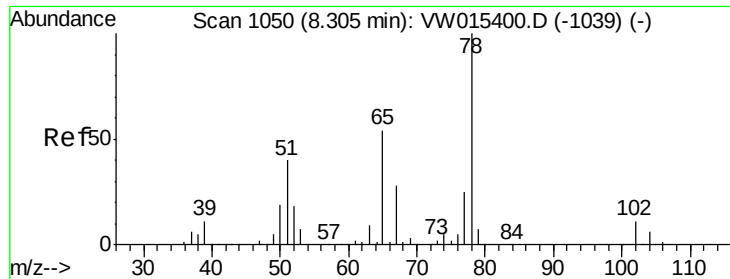
Tot Ion: 56 Resp: 213908
Ion Ratio Lower Upper
56 100
69 34.0 27.2 40.8
84 84.6 67.7 101.5



#32
1,1,1-Trichloroethane
Concen: 52.378 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW015400.D
Acq: 05 May 2020 17:28

Tgt Ion: 97 Resp: 186271
Ion Ratio Lower Upper
97 100
99 63.4 50.7 76.1
61 47.5 38.0 57.0

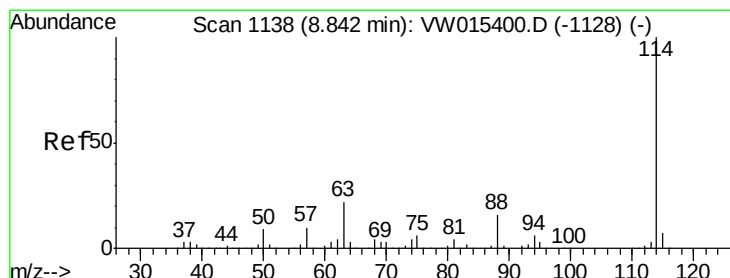
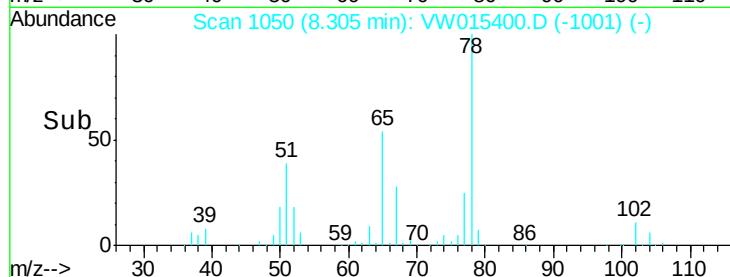
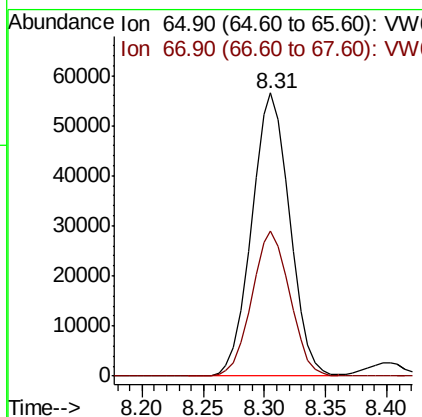
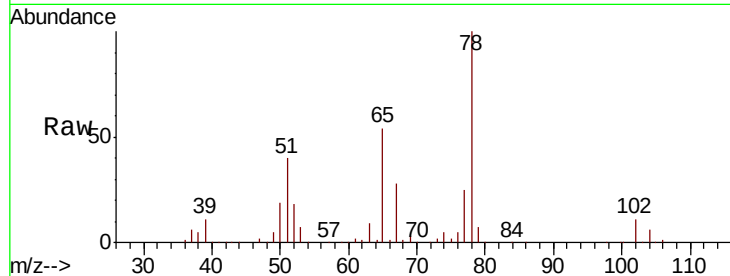




#33
 1,2-Dichloroethane-d4
 Concen: 63.621 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW015400.D
 Acq: 05 May 2020 17:28

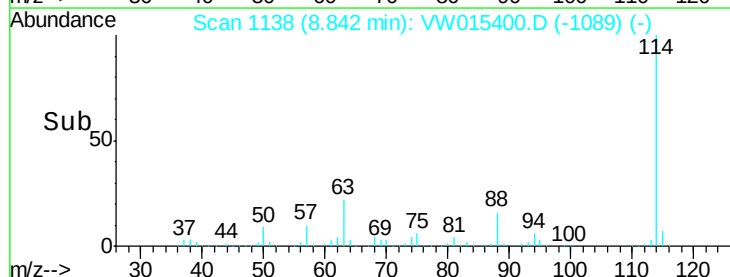
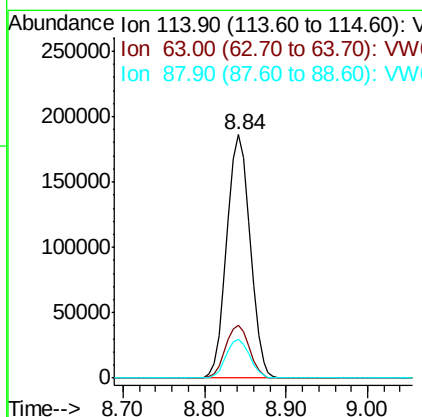
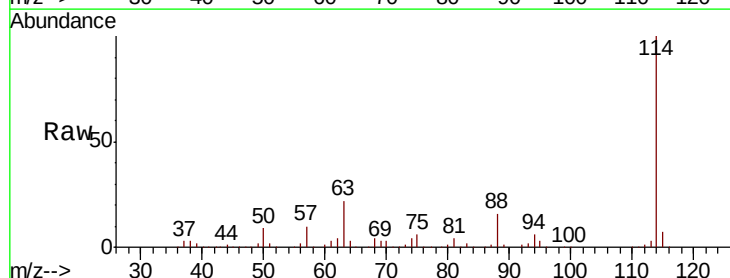
Instrument :
 MSVOA_W
 ClientSampleId :

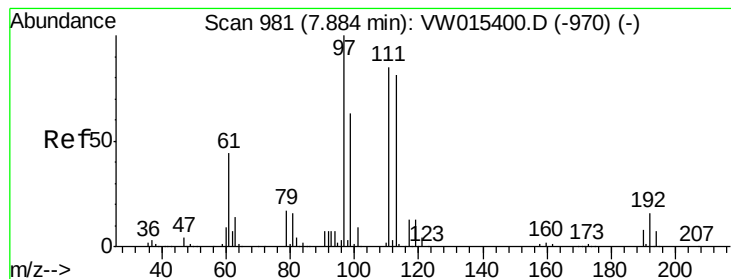
Tot Ion: 65 Resp: 122079
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW015400.D
 Acq: 05 May 2020 17:28

Tgt Ion: 114 Resp: 367469
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 43.4
 88 15.9 0.0 31.8





#35

Dibromofluoromethane

Concen: 52.072 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW015400.D

Acq: 05 May 2020 17:28

Instrument :

MSVOA_W

ClientSampleId :

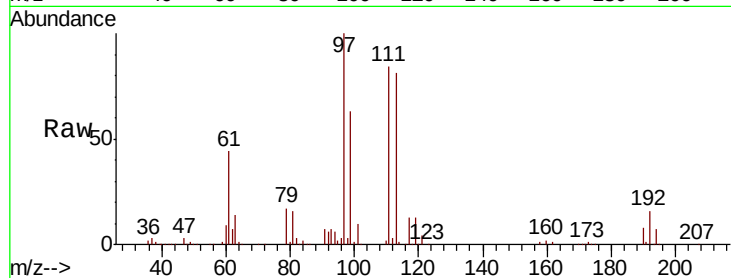
Tot Ion:113 Resp: 106474

Ion Ratio Lower Upper

113 100

111 103.6 82.9 124.3

192 19.2 15.4 23.0

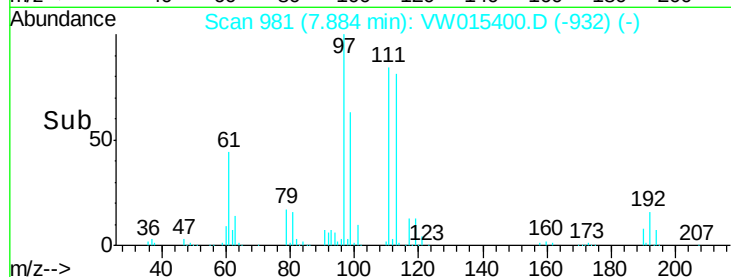


Abundance Ion 112.80 (112.50 to 113.50): V

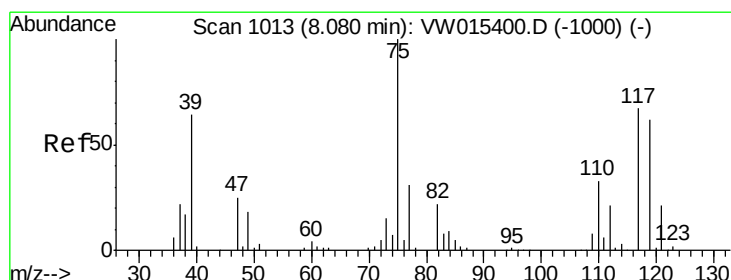
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

Time-->



Time-->



#36

1,1-Dichloropropene

Concen: 53.631 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. 0.00 min

Lab File: VW015400.D

Acq: 05 May 2020 17:28

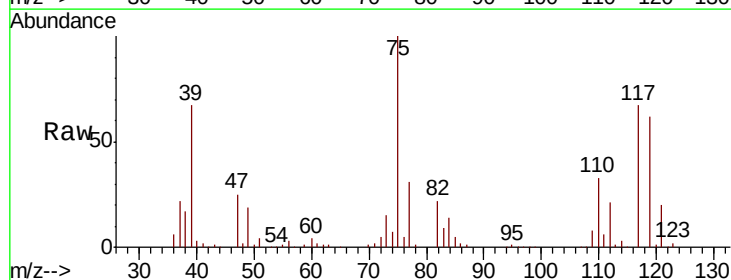
Tgt Ion: 75 Resp: 181713

Ion Ratio Lower Upper

75 100

110 33.2 16.6 49.8

77 30.6 24.5 36.7

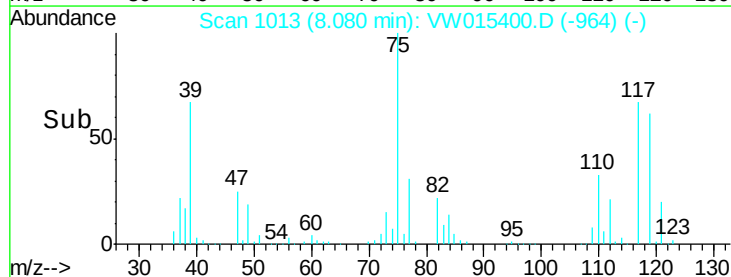


Abundance Ion 74.90 (74.60 to 75.60): VW

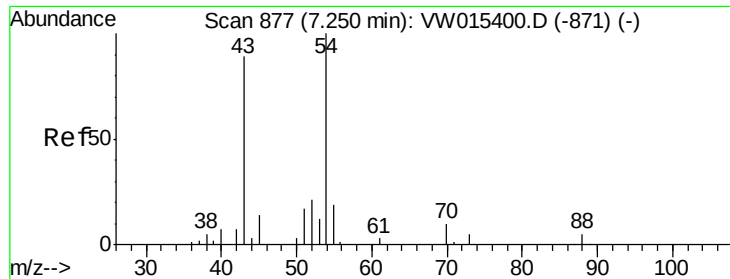
Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

Time-->



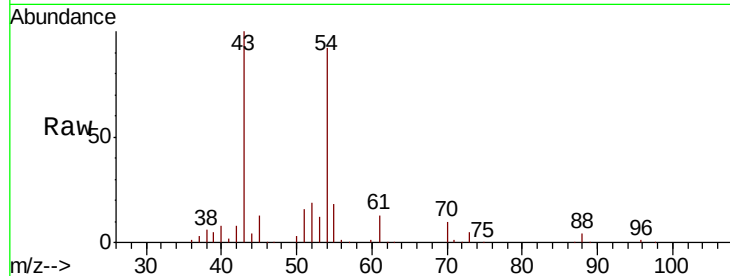
Time-->



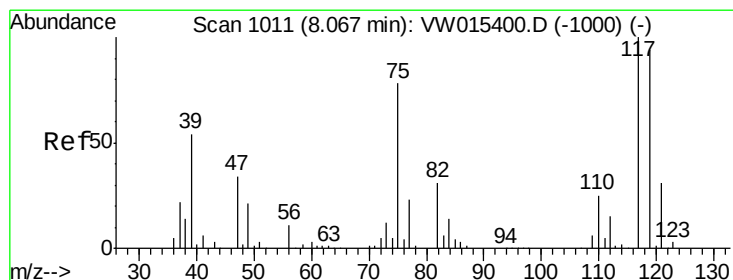
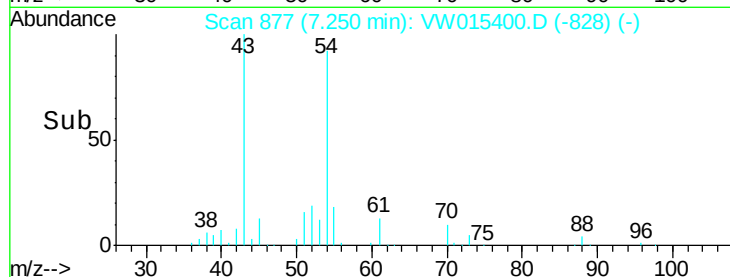
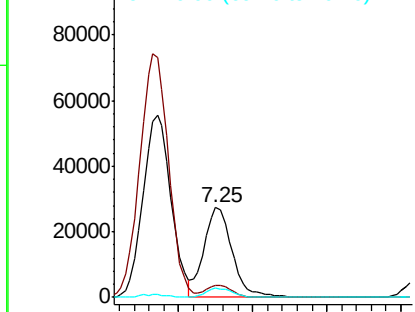
#37
Ethyl Acetate
Concen: 62.273 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW015400.D
Acq: 05 May 2020 17:28

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 71256
Ion Ratio Lower Upper
43 100
61 12.7 10.2 15.2
70 10.0 8.0 12.0

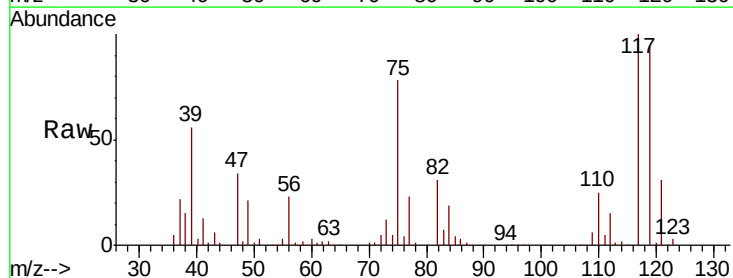


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW

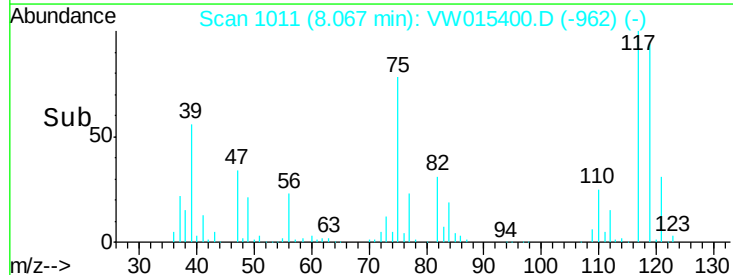
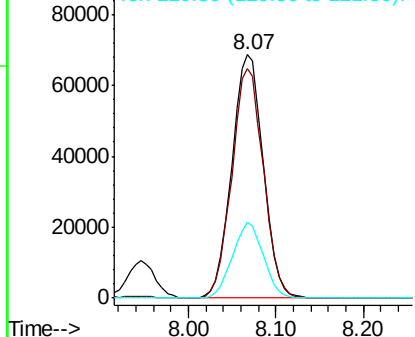


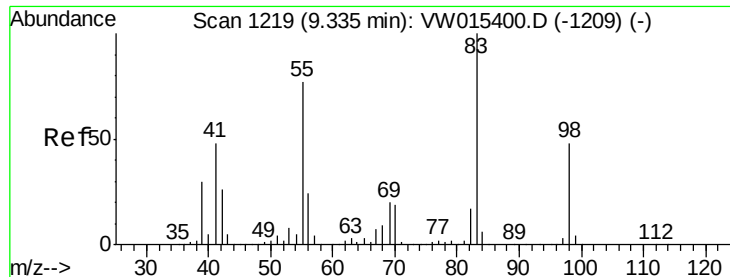
#38
Carbon Tetrachloride
Concen: 47.309 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW015400.D
Acq: 05 May 2020 17:28

Tgt Ion: 117 Resp: 171293
Ion Ratio Lower Upper
117 100
119 94.2 75.4 113.0
121 31.0 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

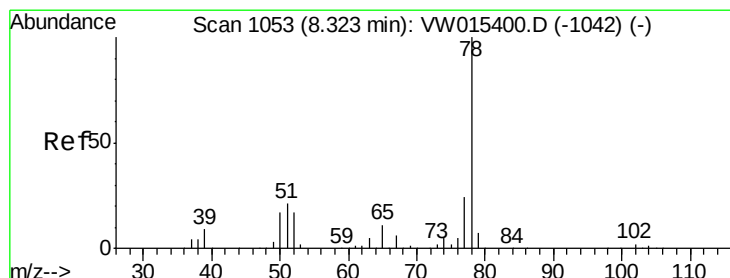
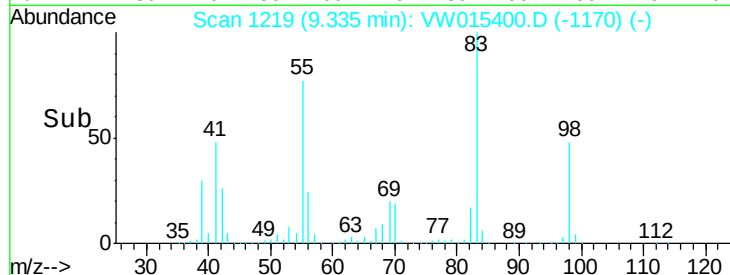
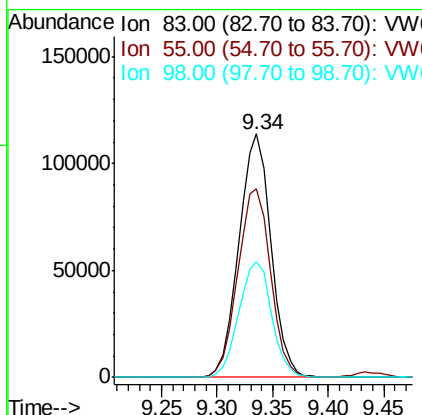
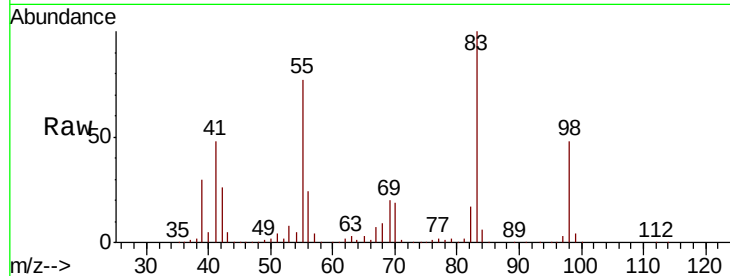




#39
Methylvlcyclohexane
Concen: 50.886 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW015400.D
Acq: 05 May 2020 17:28

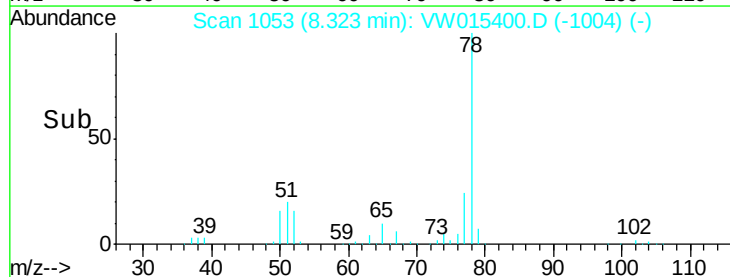
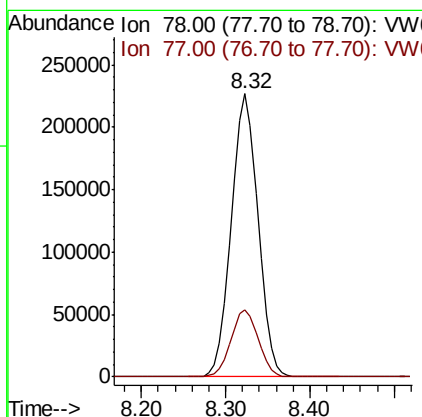
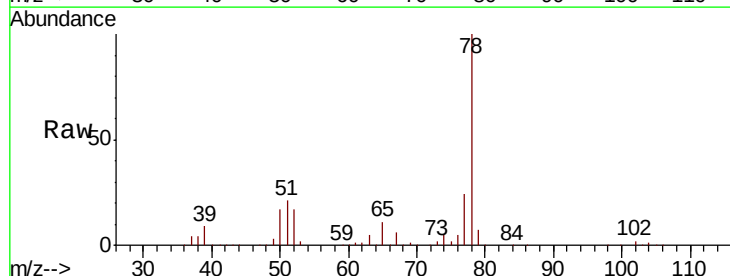
Instrument :
MSVOA_W
ClientSampleId :

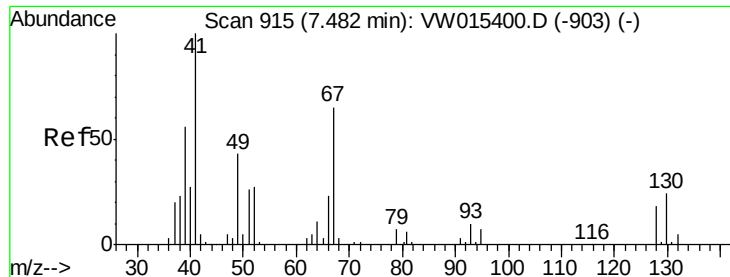
Tot Ion: 83 Resp: 227529
Ion Ratio Lower Upper
83 100
55 77.4 61.9 92.9
98 47.7 38.2 57.2



#40
Benzene
Concen: 53.742 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW015400.D
Acq: 05 May 2020 17:28

Tgt Ion: 78 Resp: 486004
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.4

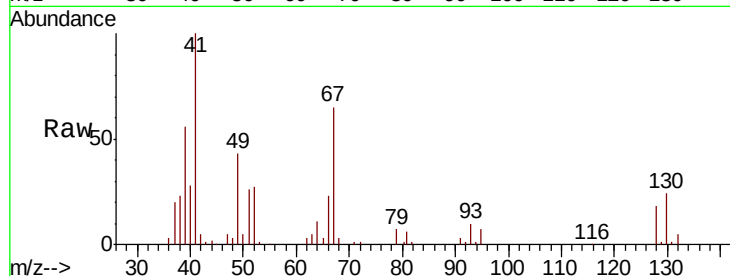




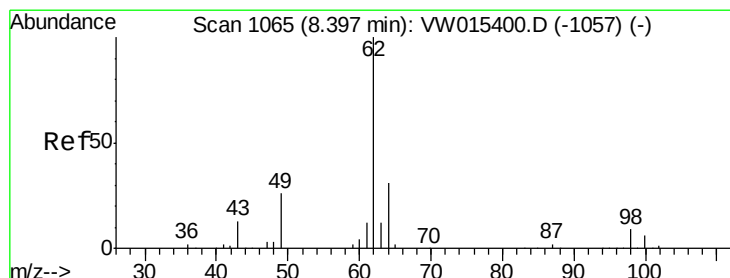
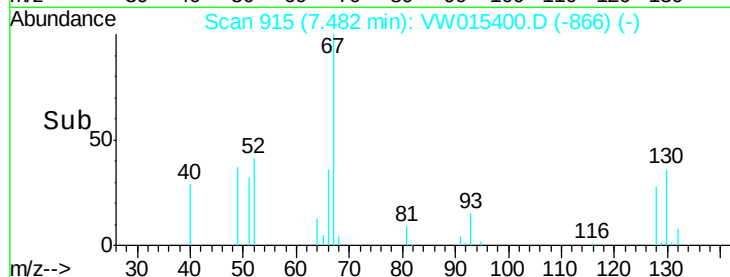
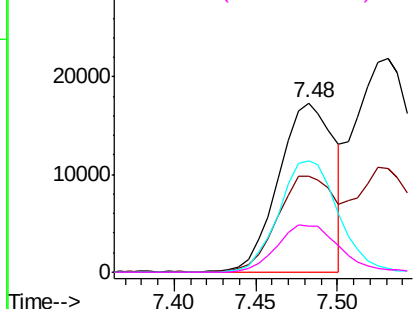
#41
Methacrylonitrile
Concen: 59.513 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW015400.D
Acq: 05 May 2020 17:28

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:	41	Resp:	41033
Ion	Ratio	Lower	Upper
41	100		
39	57.8	46.2	69.4
67	70.2	56.2	84.2
52	31.3	25.0	37.6

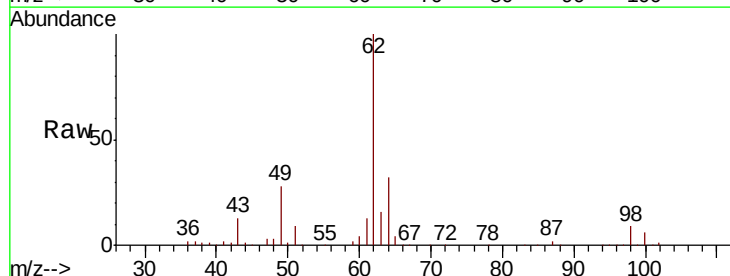


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

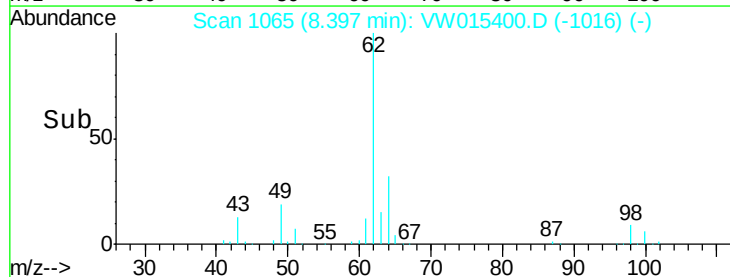
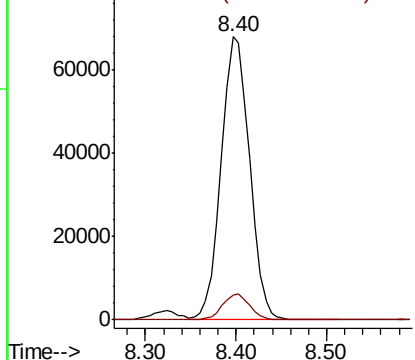


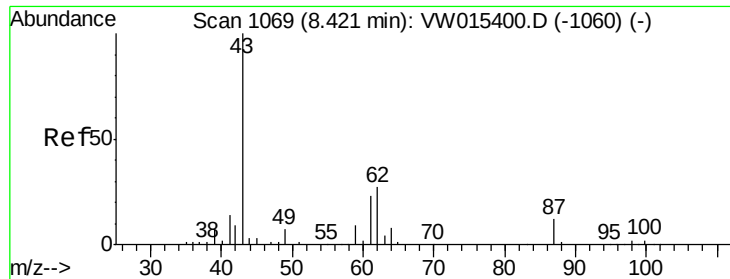
#42
1,2-Dichloroethane
Concen: 55.198 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW015400.D
Acq: 05 May 2020 17:28

Tgt Ion:	62	Resp:	148447
Ion	Ratio	Lower	Upper
62	100		
98	8.8	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: 60.274 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW015400.D

Acq: 05 May 2020 17:28

Instrument :

MSVOA_W

ClientSampleId :

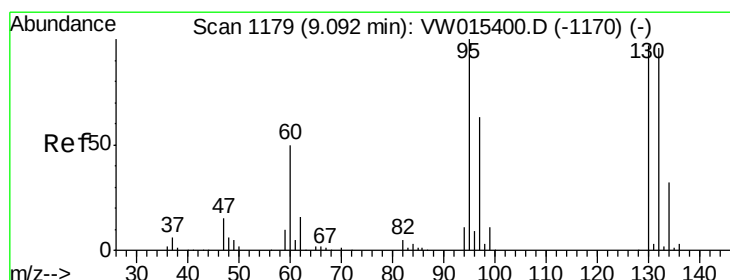
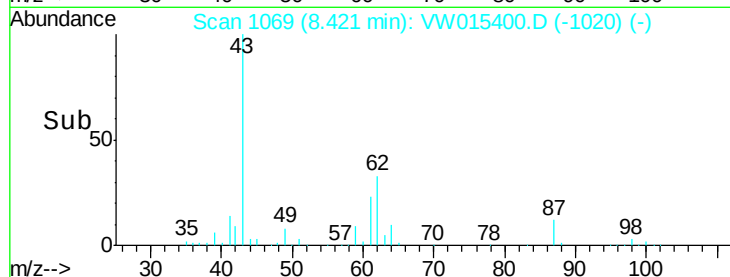
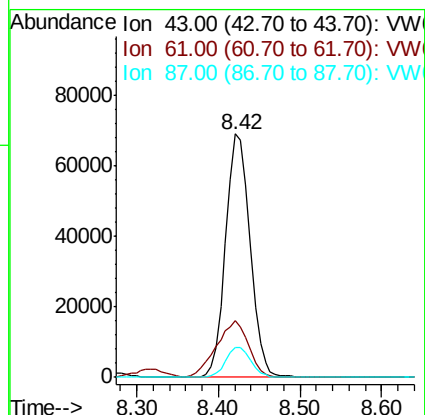
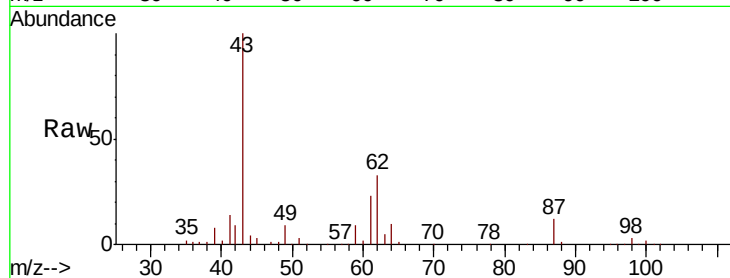
Tot Ion: 43 Resp: 143331

Ion Ratio Lower Upper

43 100

61 30.4 24.3 36.5

87 12.6 10.1 15.1



#44

Trichloroethene

Concen: 47.322 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW015400.D

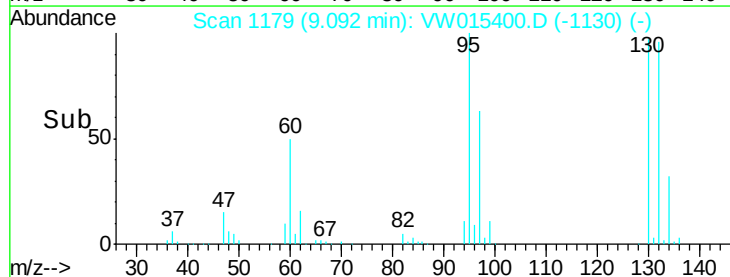
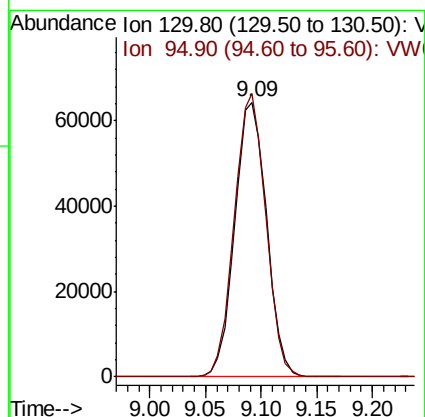
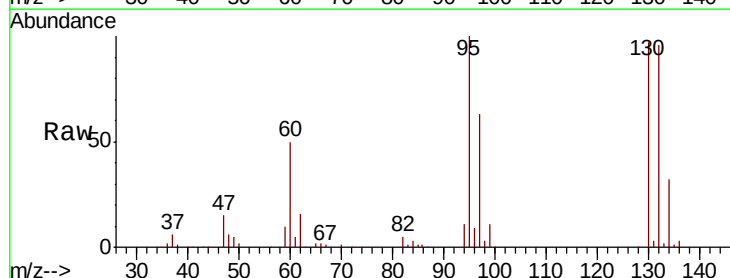
Acq: 05 May 2020 17:28

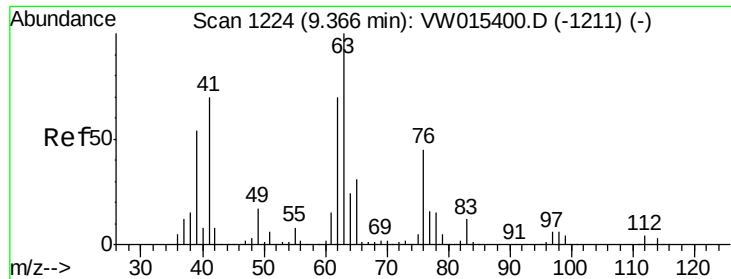
Tgt Ion: 130 Resp: 127733

Ion Ratio Lower Upper

130 100

95 102.9 0.0 205.8

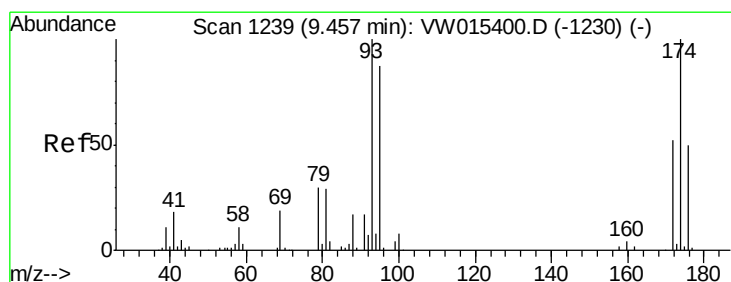
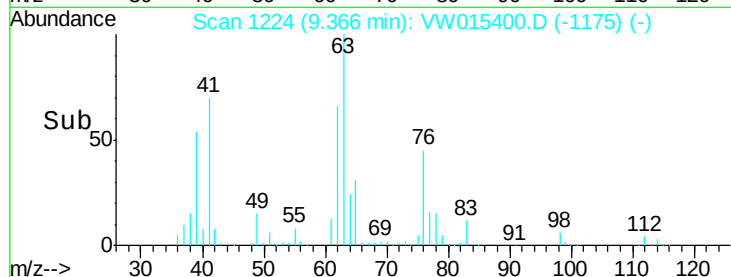
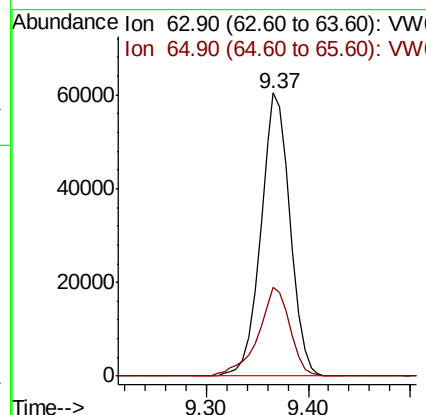
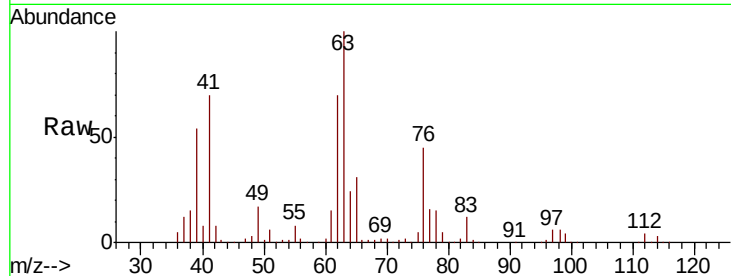




#45
 1,2-Dichloropropane
 Concen: 56.234 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW015400.D
 Acq: 05 May 2020 17:28

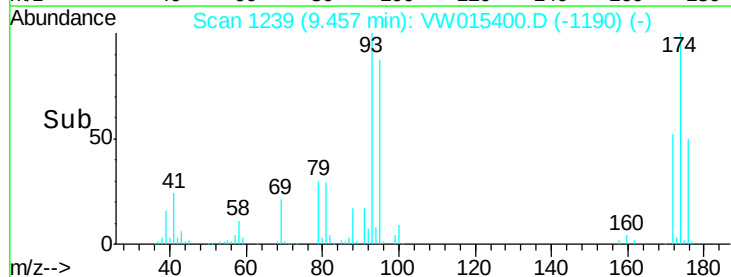
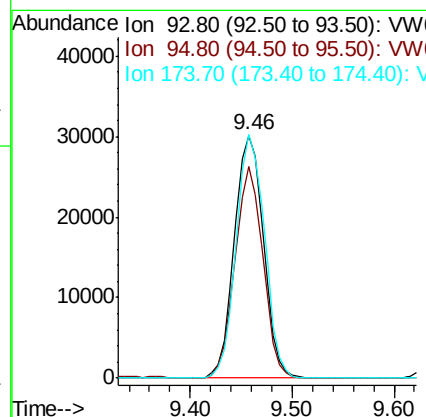
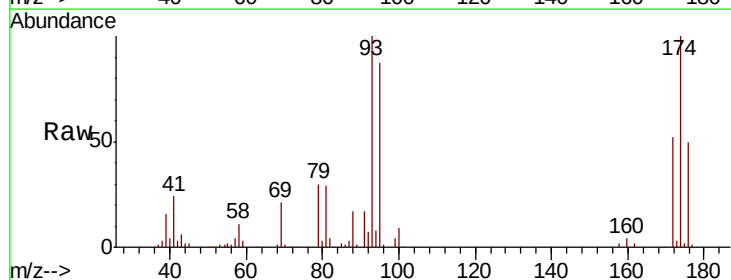
Instrument :
 MSVOA_W
 ClientSampleId :

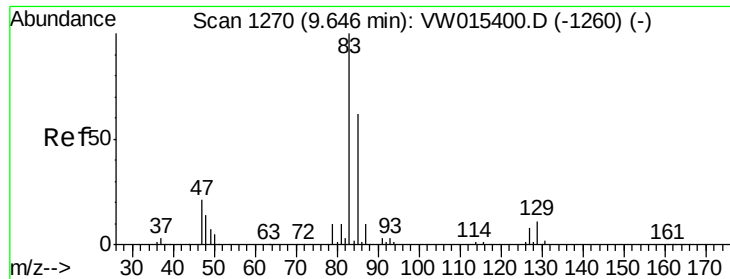
Tot Ion: 63 Resp: 119765
 Ion Ratio Lower Upper
 63 100
 65 31.3 25.0 37.6



#46
 Dibromomethane
 Concen: 49.444 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW015400.D
 Acq: 05 May 2020 17:28

Tgt Ion: 93 Resp: 59495
 Ion Ratio Lower Upper
 93 100
 95 83.7 67.0 100.4
 174 98.0 78.4 117.6

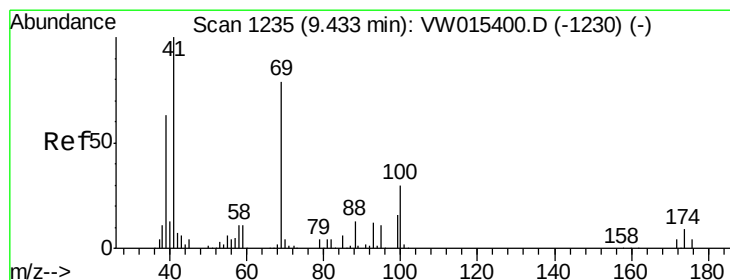
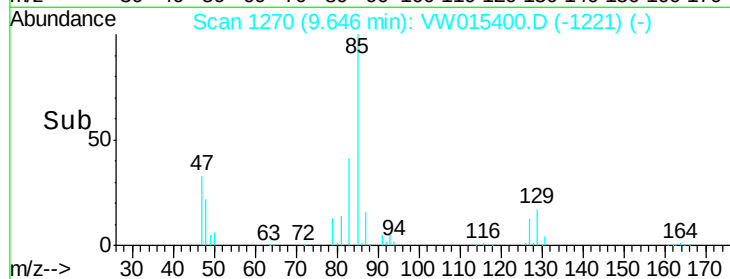
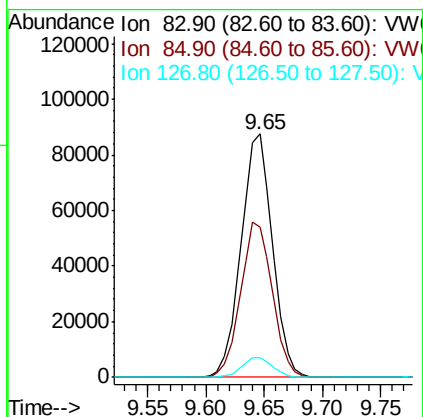
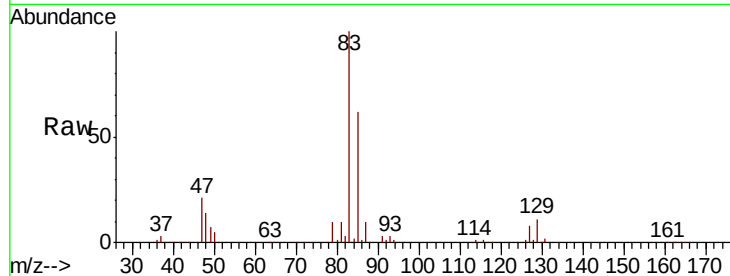




#47
 Bromodichloromethane
 Concen: 51.011 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VW015400.D
 Acq: 05 May 2020 17:28

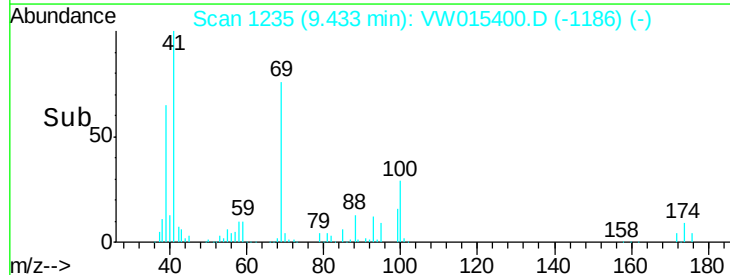
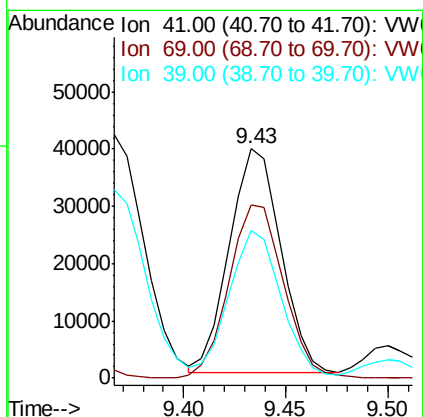
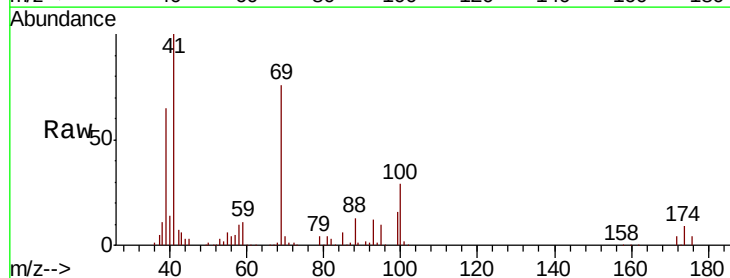
Instrument :
 MSVOA_W
 ClientSampleId :

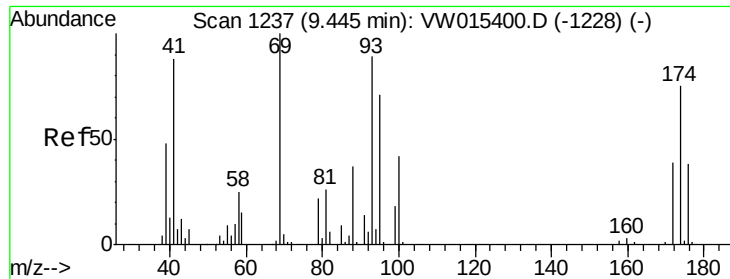
Tot Ion: 83 Resp: 164702
 Ion Ratio Lower Upper
 83 100
 85 61.7 49.4 74.0
 127 8.0 6.4 9.6



#48
 Methyl methacrylate
 Concen: 61.194 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: VW015400.D
 Acq: 05 May 2020 17:28

Tgt Ion: 41 Resp: 68462
 Ion Ratio Lower Upper
 41 100
 69 82.8 66.2 99.4
 39 63.9 51.1 76.7





#49

1,4-Dioxane

Concen: 1009.426 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VW015400.D

Acq: 05 May 2020 17:28

Instrument :
MSVOA_W
ClientSampleId :

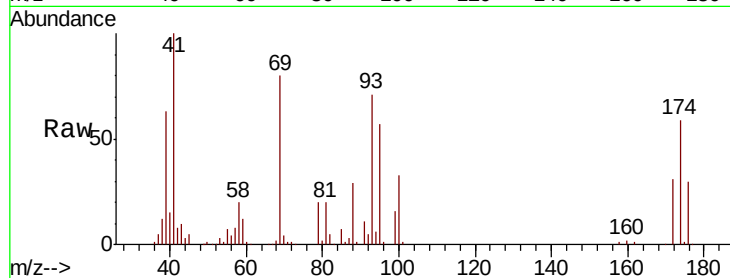
Tot Ion: 88 Resp: 16032

Ion Ratio Lower Upper

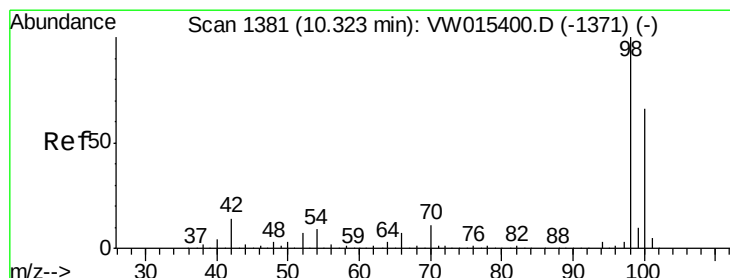
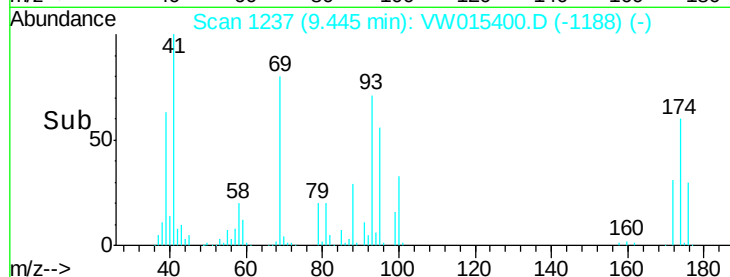
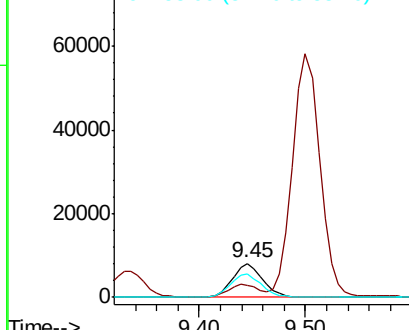
88 100

43 38.2 30.6 45.8

58 70.4 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: 51.826 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW015400.D

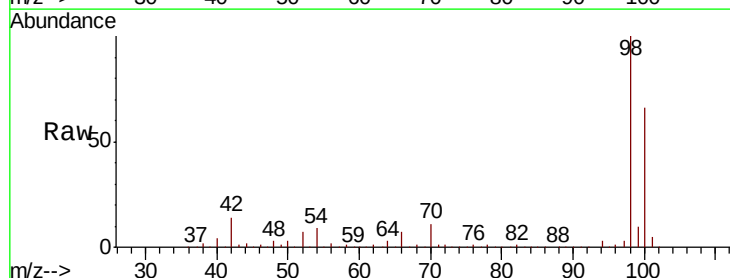
Acq: 05 May 2020 17:28

Tgt Ion: 98 Resp: 444849

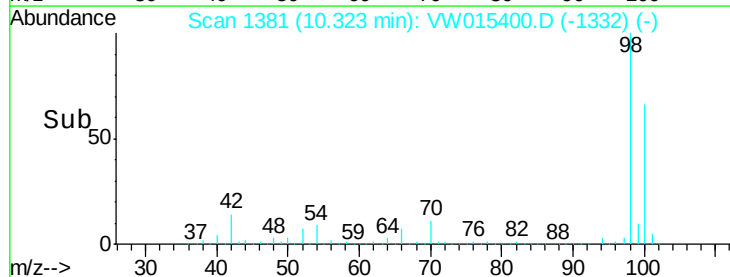
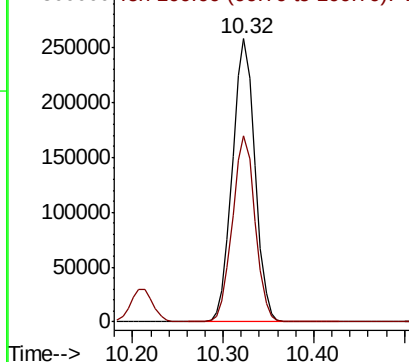
Ion Ratio Lower Upper

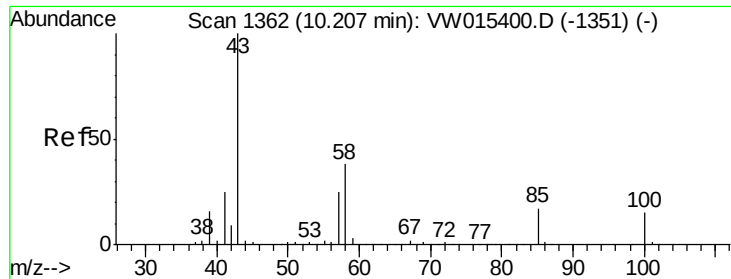
98 100

100 65.9 52.7 79.1



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

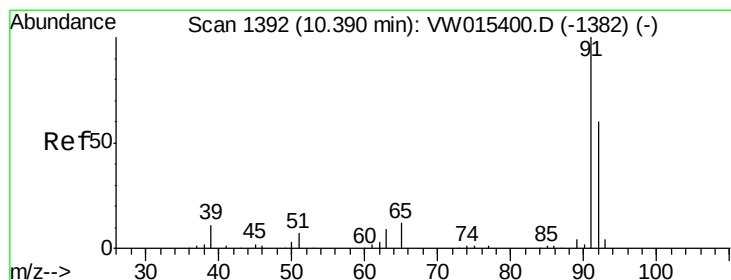
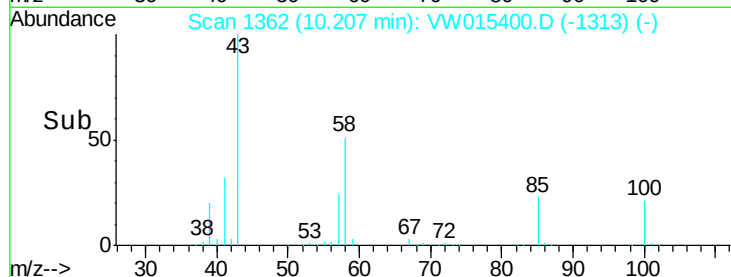
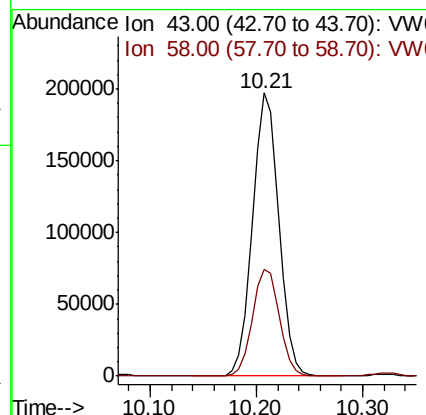
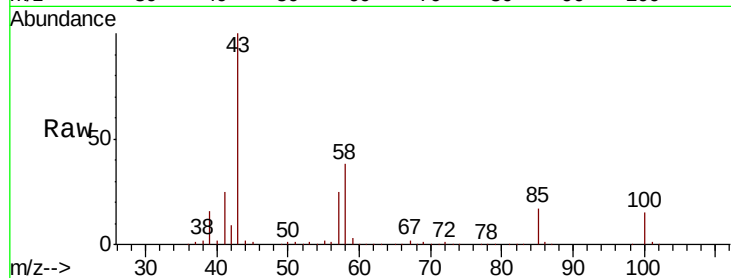




#51
 4-Methyl-2-Pentanone
 Concen: 305.869 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: VW015400.D
 Acq: 05 May 2020 17:28

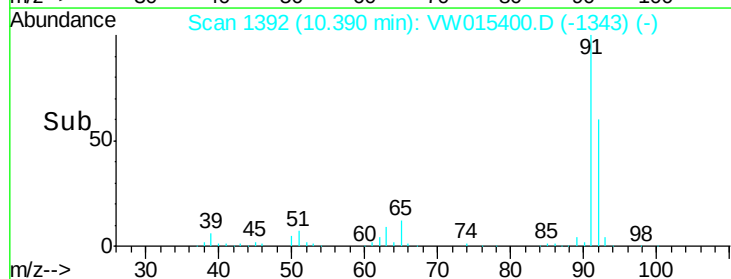
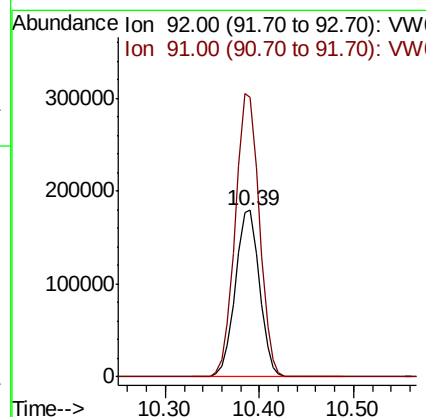
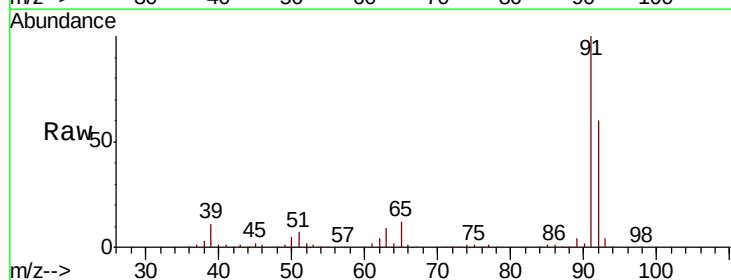
Instrument :
 MSVOA_W
 ClientSampleId :

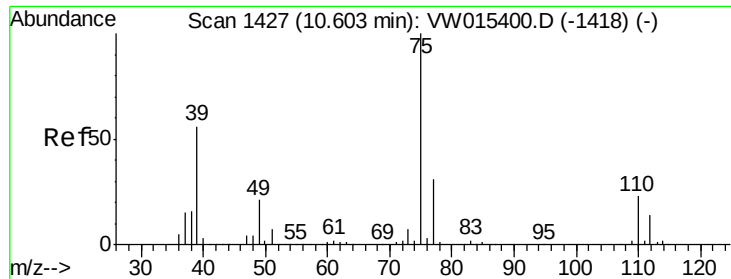
Tot Ion: 43 Resp: 342765
 Ion Ratio Lower Upper
 43 100
 58 38.5 30.8 46.2



#52
 Toluene
 Concen: 51.095 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW015400.D
 Acq: 05 May 2020 17:28

Tgt Ion: 92 Resp: 319855
 Ion Ratio Lower Upper
 92 100
 91 169.9 135.9 203.9

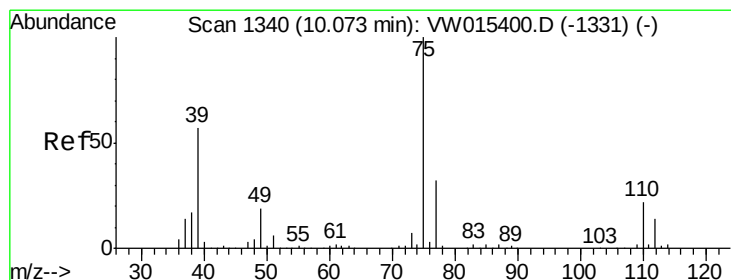
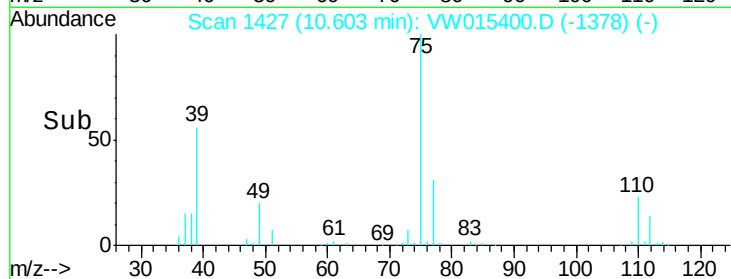
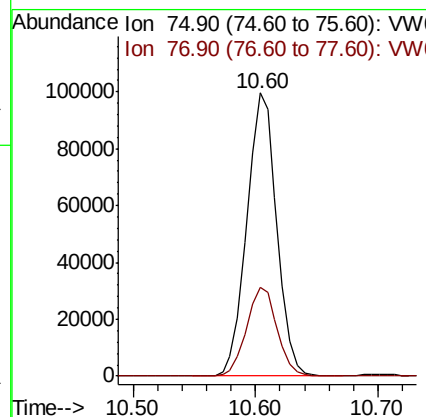
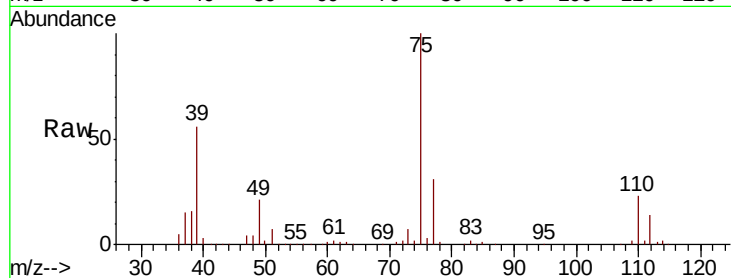




#53
 t-1,3-Dichloropropene
 Concen: 52.827 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. 0.00 min
 Lab File: VW015400.D
 Acq: 05 May 2020 17:28

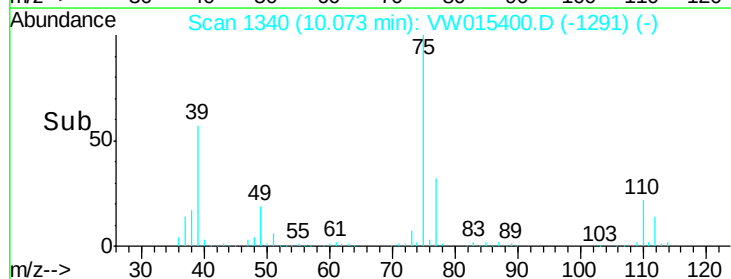
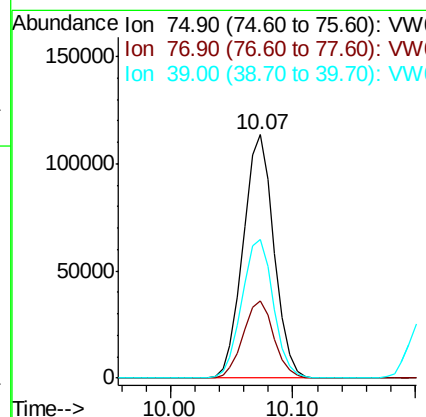
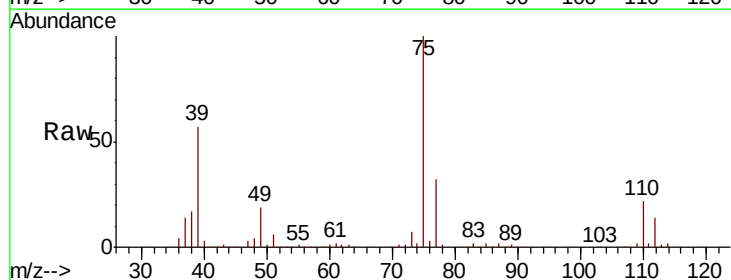
Instrument :
 MSVOA_W
 ClientSampled :

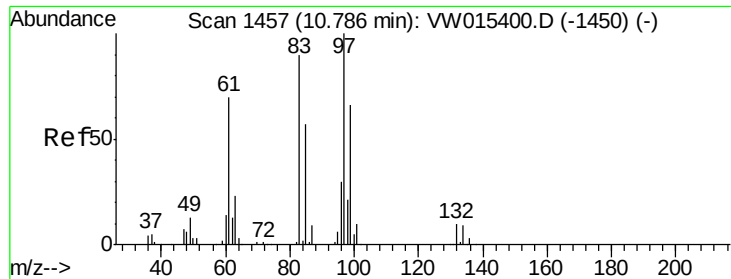
Tot Ion: 75 Resp: 168812
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.9 37.3



#54
 cis-1,3-Dichloropropene
 Concen: 53.299 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW015400.D
 Acq: 05 May 2020 17:28

Tgt Ion: 75 Resp: 198539
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.6 38.4
 39 57.0 45.6 68.4

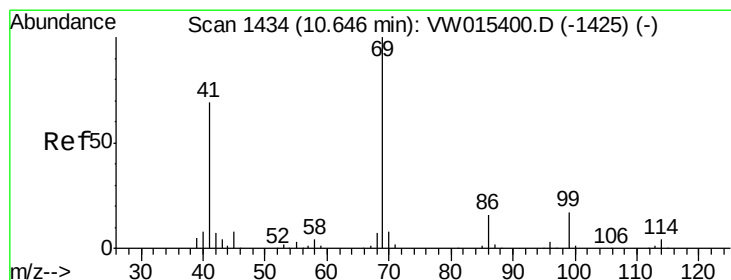
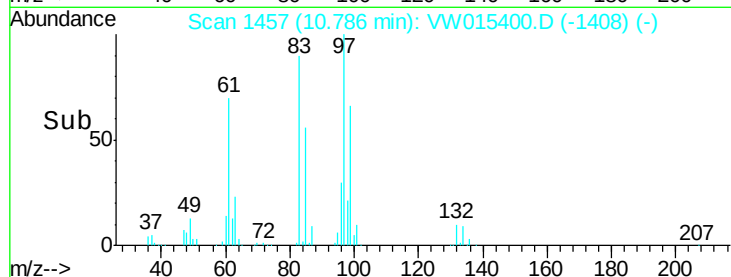
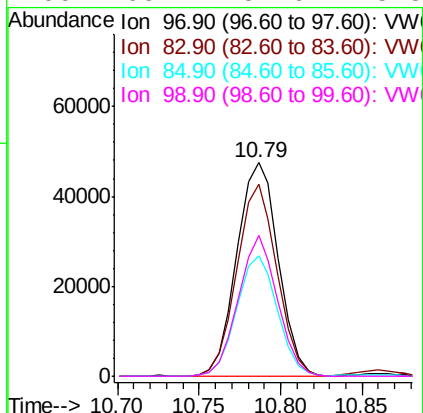
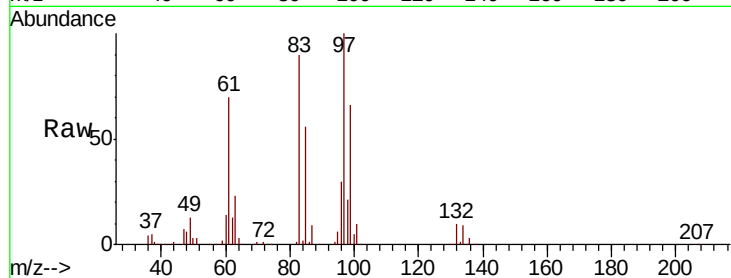




#55
 1,1,2-Trichloroethane
 Concen: 49.777 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW015400.D
 Acq: 05 May 2020 17:28

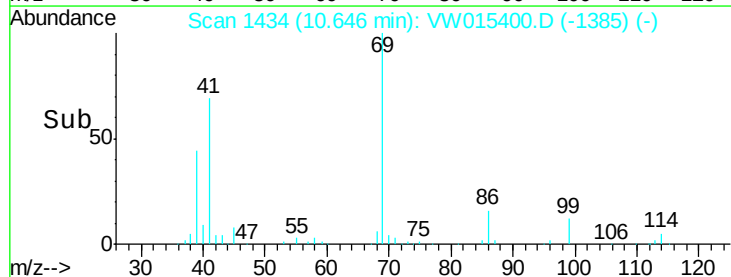
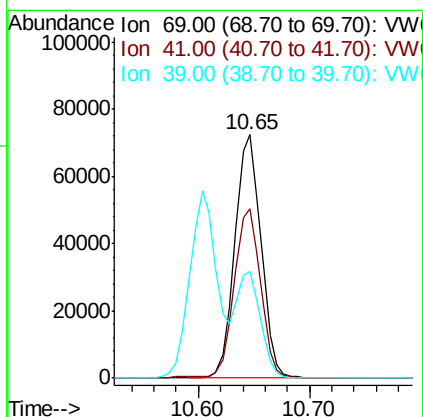
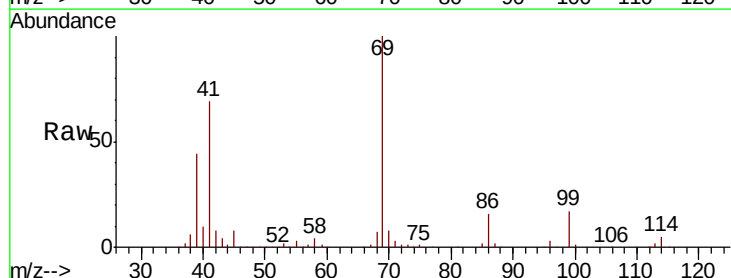
Instrument :
 MSVOA_W
 ClientSampleId :

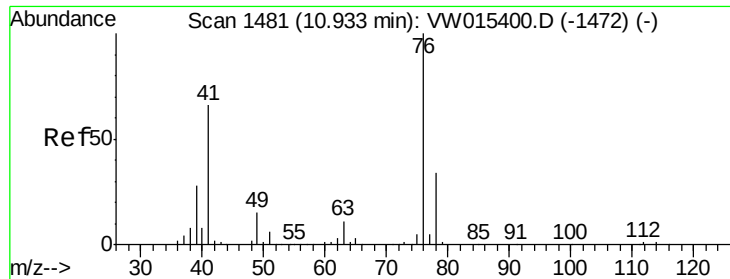
Tot Ion:	97	Resp:	83896
Ion	Ratio	Lower	Upper
97	100		
83	90.3	72.2	108.4
85	56.5	45.2	67.8
99	65.7	52.6	78.8



#56
 Ethyl methacrylate
 Concen: 53.490 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW015400.D
 Acq: 05 May 2020 17:28

Tgt Ion:	69	Resp:	117552
Ion	Ratio	Lower	Upper
69	100		
41	69.1	55.3	82.9
39	39.9	31.9	47.9

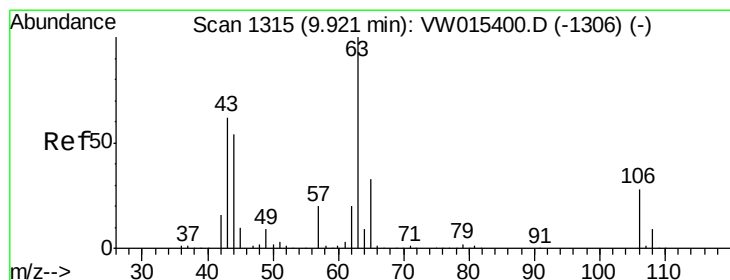
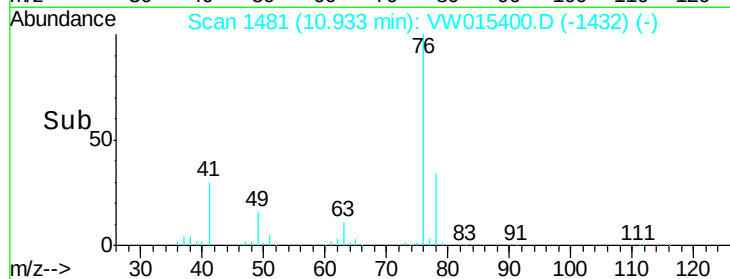
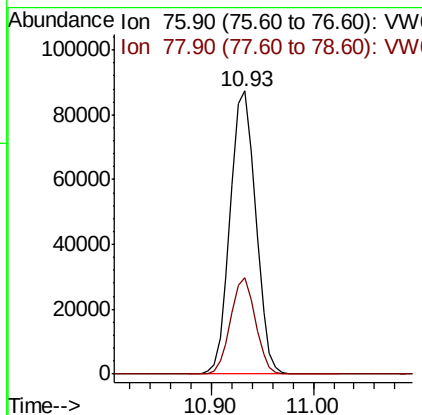
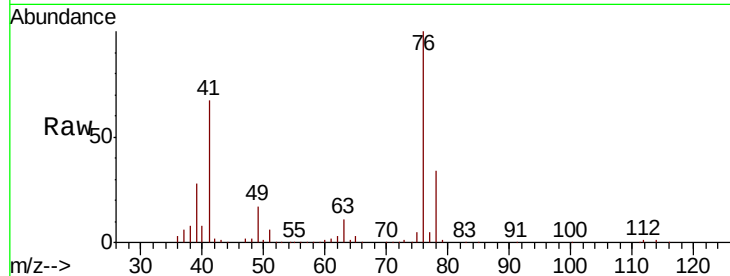




#57
 1,3-Dichloropropane
 Concen: 53.597 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW015400.D
 Acq: 05 May 2020 17:28

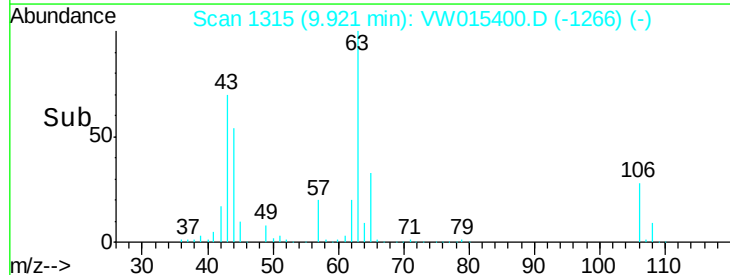
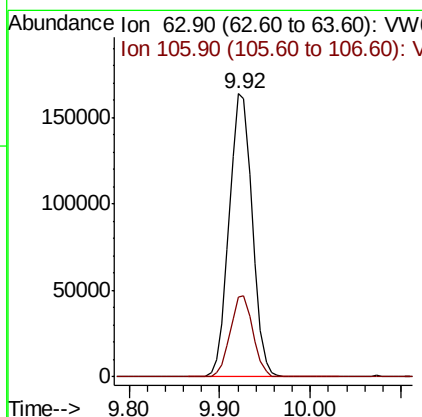
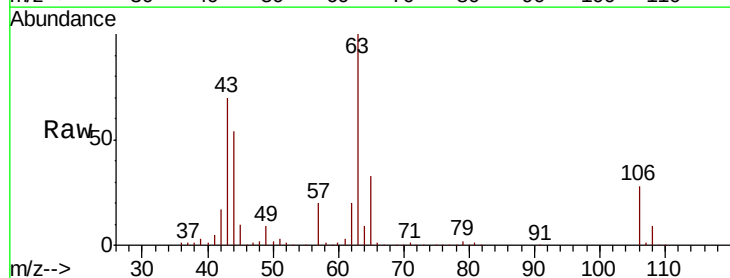
Instrument :
 MSVOA_W
 ClientSampled :

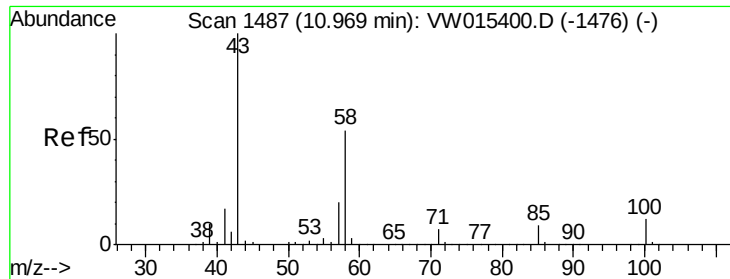
Tot Ion: 76 Resp: 151515
 Ion Ratio Lower Upper
 76 100
 78 32.9 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 283.922 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW015400.D
 Acq: 05 May 2020 17:28

Tgt Ion: 63 Resp: 290361
 Ion Ratio Lower Upper
 63 100
 106 28.2 22.6 33.8

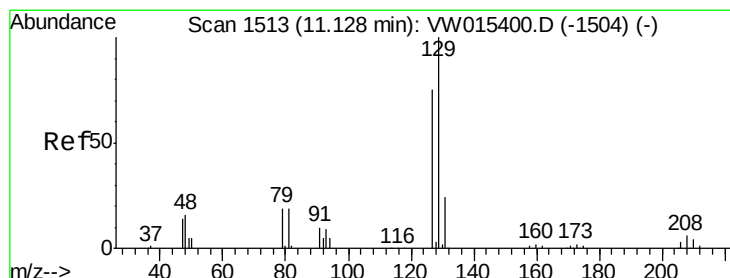
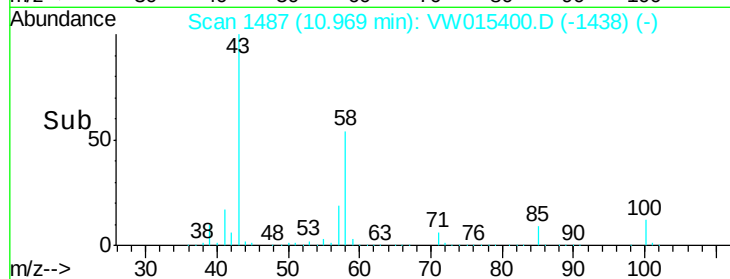
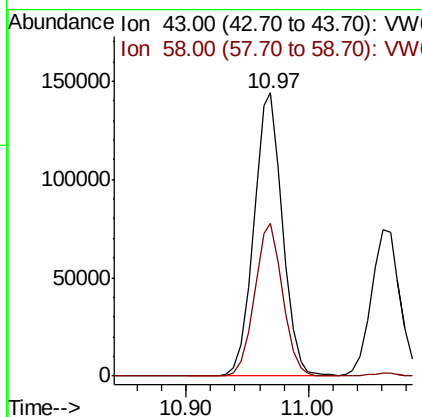
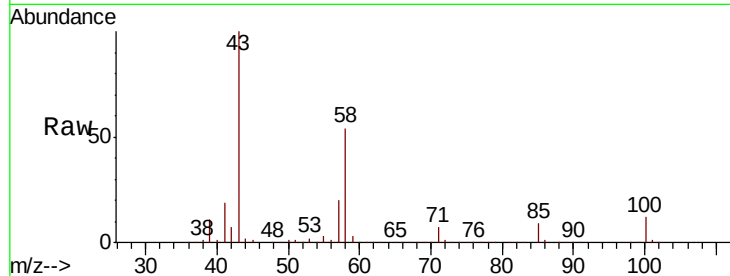




#59
2-Hexanone
Concen: 295.652 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW015400.D
Acq: 05 May 2020 17:28

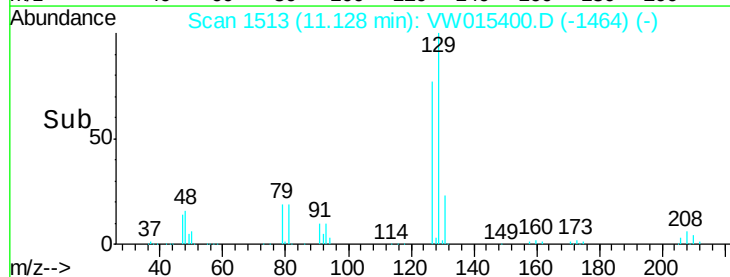
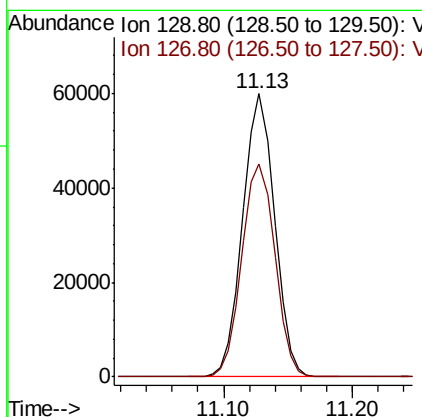
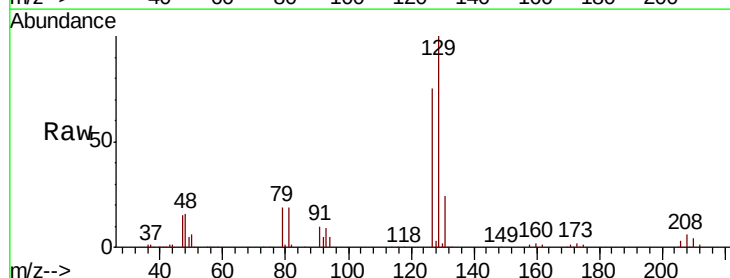
Instrument :
MSVOA_W
ClientSampleId :

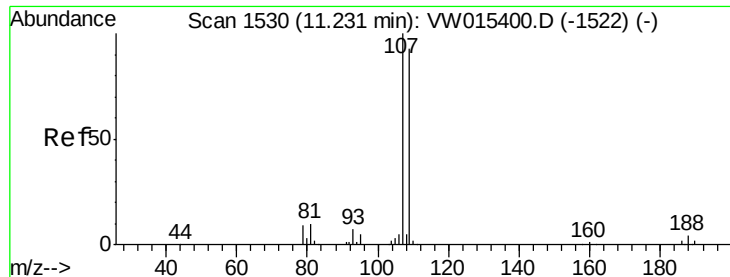
Tot Ion: 43 Resp: 234011
Ion Ratio Lower Upper
43 100
58 53.3 26.7 80.0



#60
Dibromochloromethane
Concen: 46.814 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW015400.D
Acq: 05 May 2020 17:28

Tgt Ion: 129 Resp: 102681
Ion Ratio Lower Upper
129 100
127 78.1 39.1 117.2





#61

1,2-Dibromoethane

Concen: 49.565 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VW015400.D

Acq: 05 May 2020 17:28

Instrument :

MSVOA_W

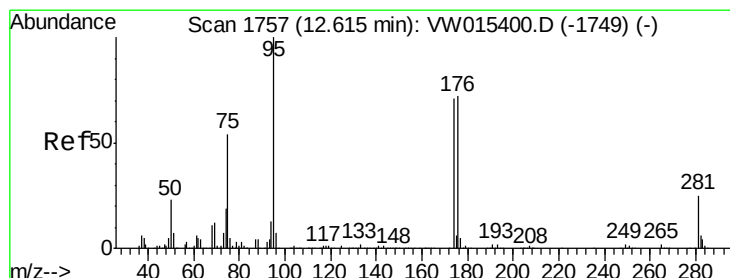
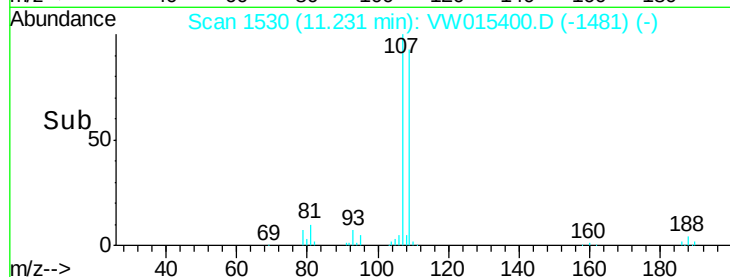
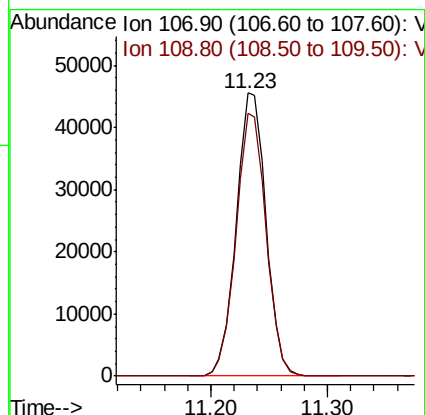
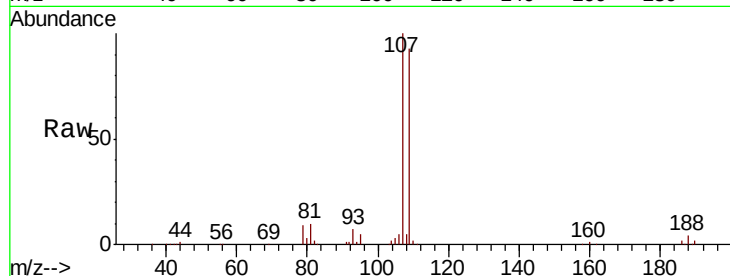
ClientSampled :

Tot Ion: 107 Resp: 81190

Ion Ratio Lower Upper

107 100

109 93.7 75.0 112.4



#62

4-Bromofluorobenzene

Concen: 50.885 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW015400.D

Acq: 05 May 2020 17:28

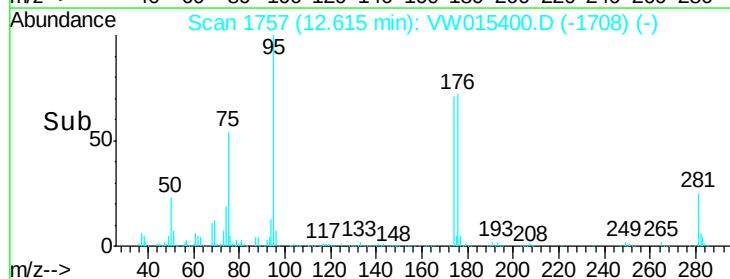
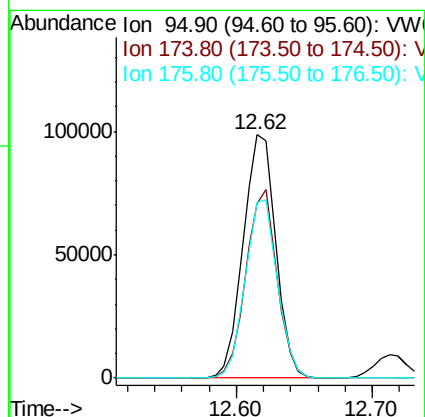
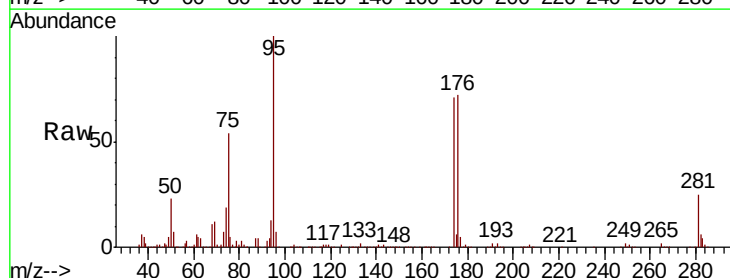
Tgt Ion: 95 Resp: 165712

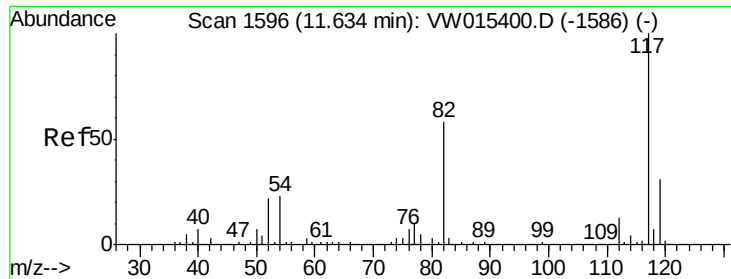
Ion Ratio Lower Upper

95 100

174 73.8 0.0 147.6

176 72.2 0.0 144.4

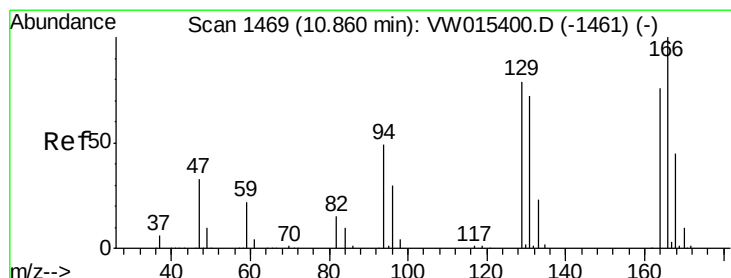
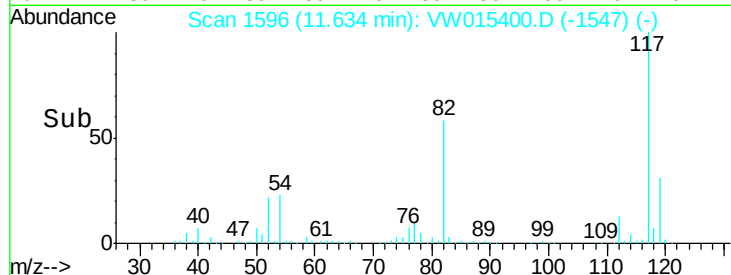
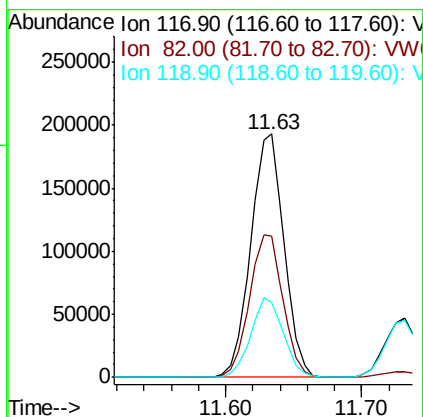
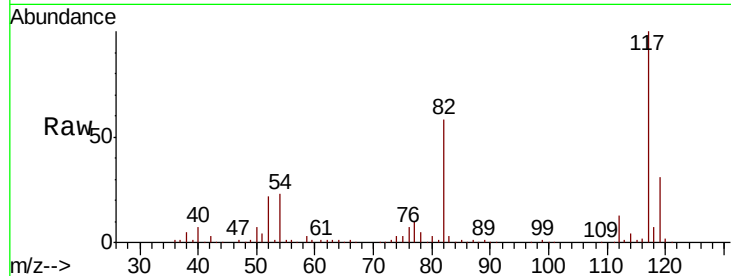




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015400.D
Acq: 05 May 2020 17:28

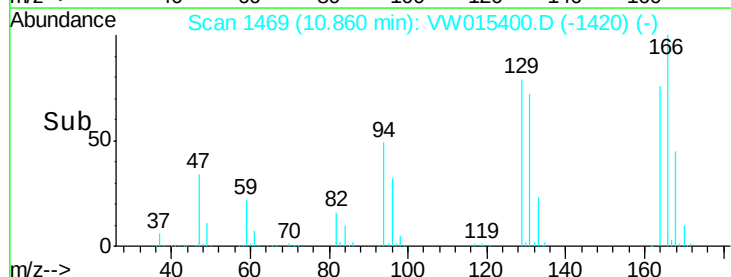
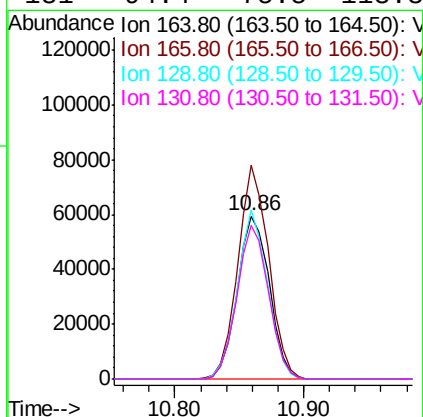
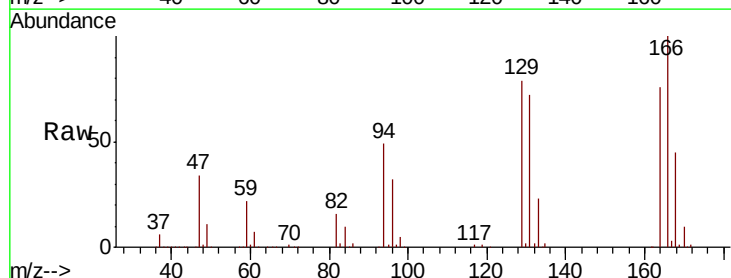
Instrument :
MSVOA_W
ClientSampled :

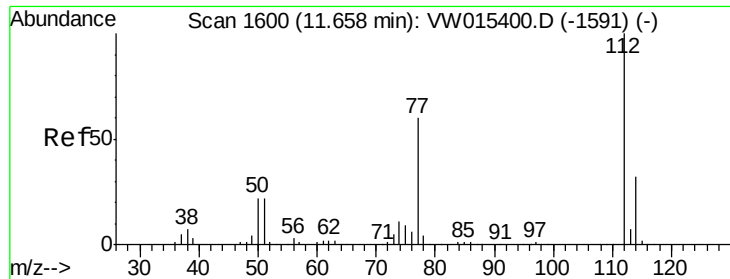
Tot Ion:117 Resp: 331154
Ion Ratio Lower Upper
117 100
82 58.0 46.4 69.6
119 30.8 24.6 37.0



#64
Tetrachloroethene
Concen: 43.842 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW015400.D
Acq: 05 May 2020 17:28

Tgt Ion:164 Resp: 102255
Ion Ratio Lower Upper
164 100
166 131.1 104.9 157.3
129 103.4 82.7 124.1
131 94.4 75.5 113.3

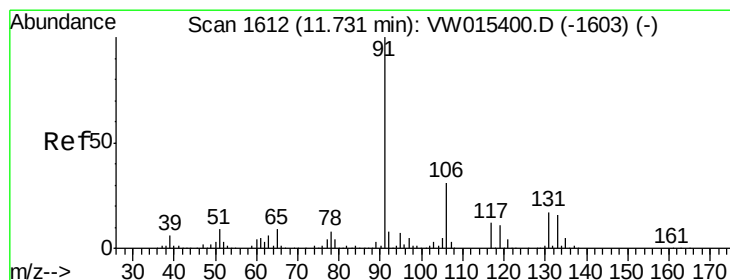
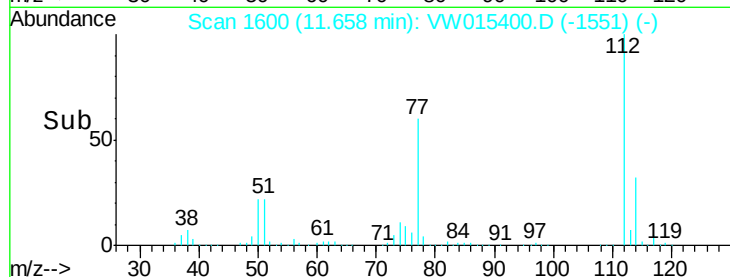
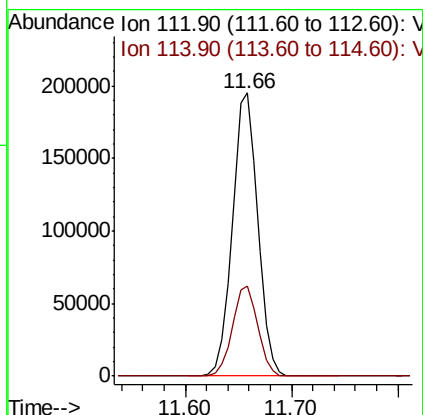
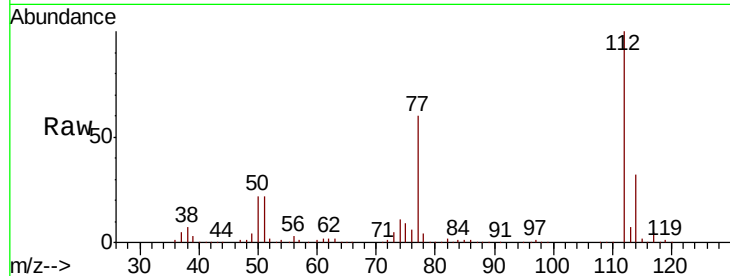




#65
Chlorobenzene
Concen: 49.904 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW015400.D
Acq: 05 May 2020 17:28

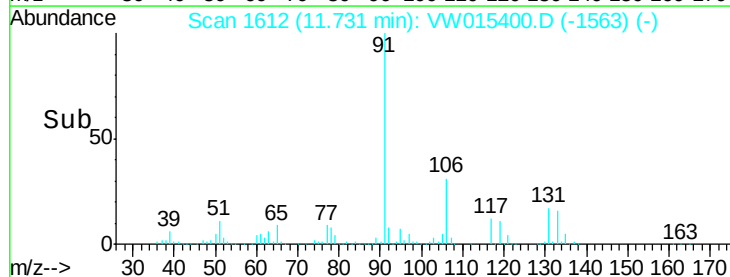
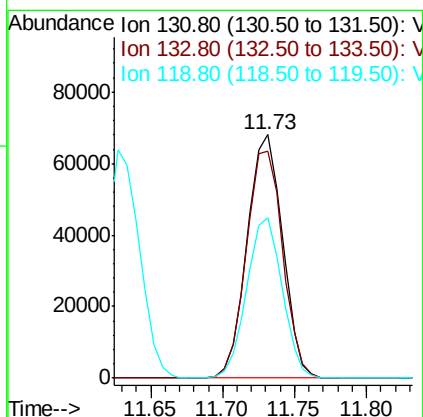
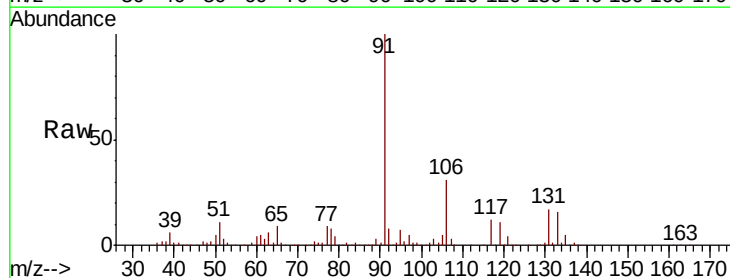
Instrument :
MSVOA_W
ClientSampled :

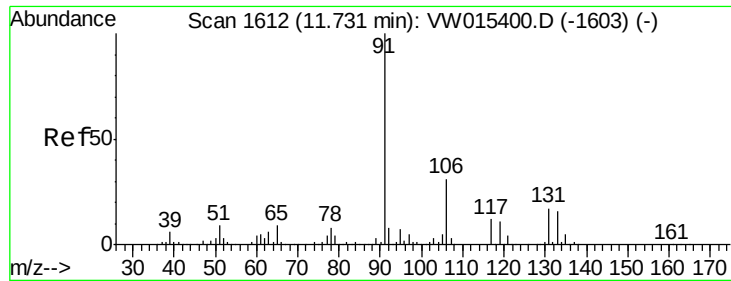
Tot Ion:112 Resp: 326556
Ion Ratio Lower Upper
112 100
114 32.0 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 49.317 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015400.D
Acq: 05 May 2020 17:28

Tgt Ion:131 Resp: 115807
Ion Ratio Lower Upper
131 100
133 95.9 47.9 143.8
119 66.0 33.0 99.0

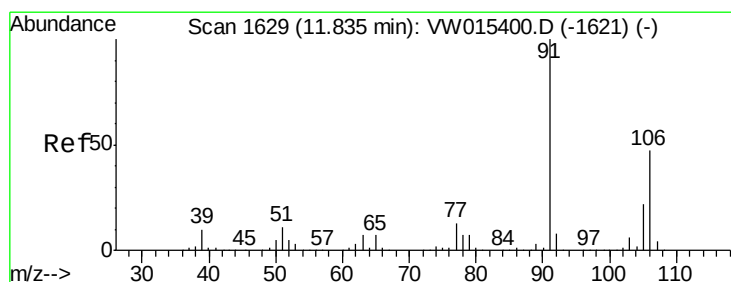
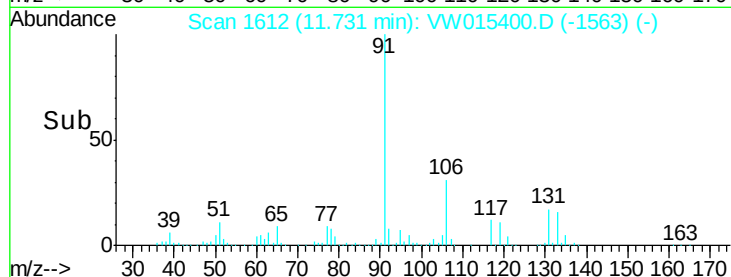
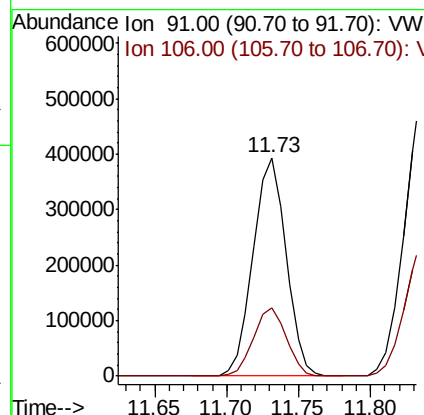
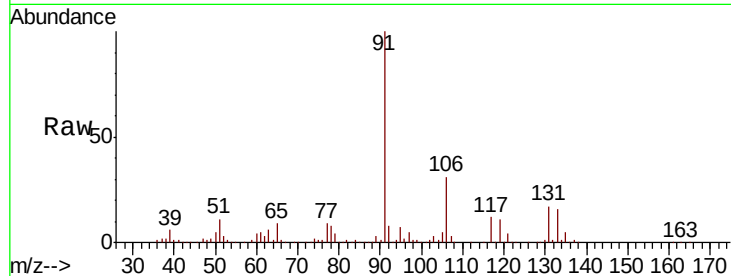




#67
Ethyl Benzene
Concen: 50.873 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015400.D
Acq: 05 May 2020 17:28

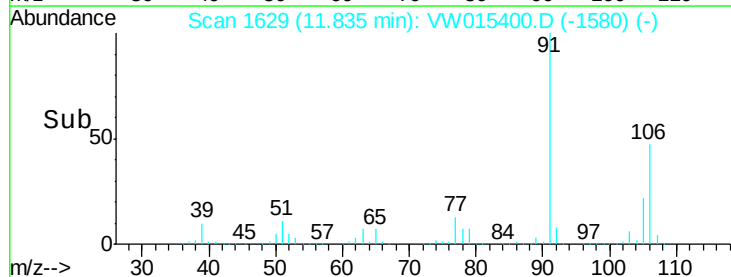
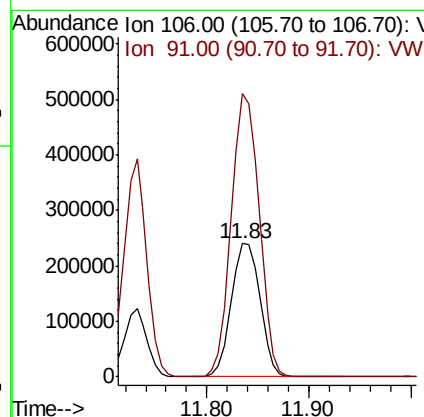
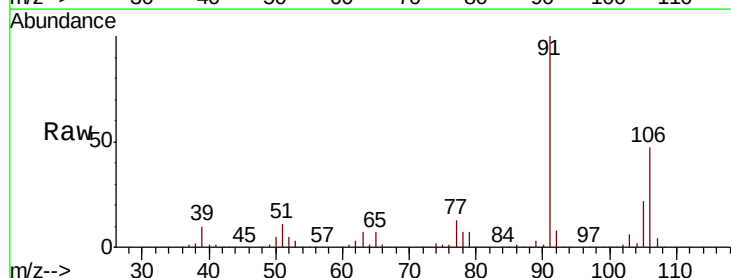
Instrument :
MSVOA_W
ClientSampled :

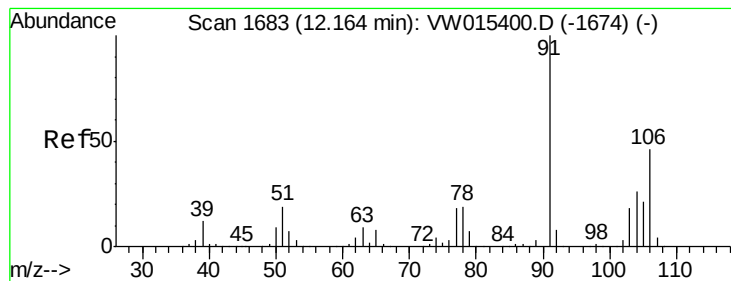
Tot Ion: 91 Resp: 623312
Ion Ratio Lower Upper
91 100
106 31.5 25.2 37.8



#68
m/p-Xylenes
Concen: 98.344 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. 0.00 min
Lab File: VW015400.D
Acq: 05 May 2020 17:28

Tgt Ion: 106 Resp: 467409
Ion Ratio Lower Upper
106 100
91 207.1 165.7 248.5





#69

o-Xylene

Concen: 49.911 ug/l

RT: 12.16 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VW015400.D

Acq: 05 May 2020 17:28

Instrument :

MSVOA_W

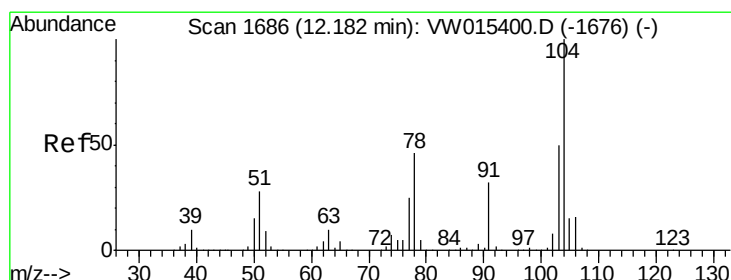
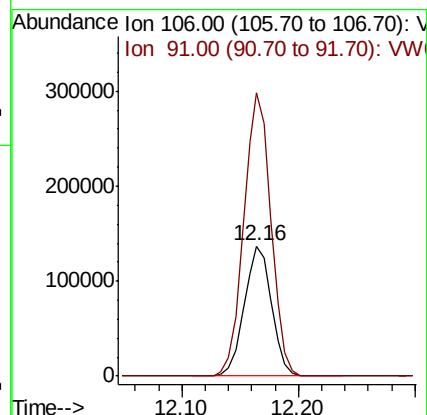
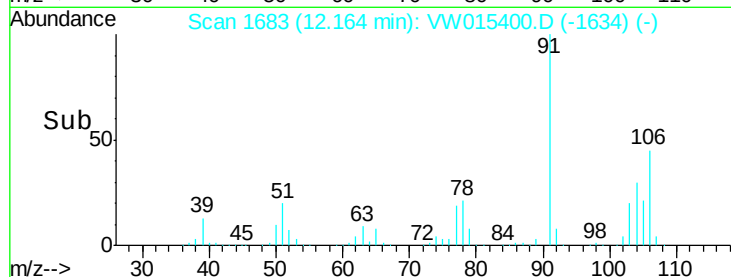
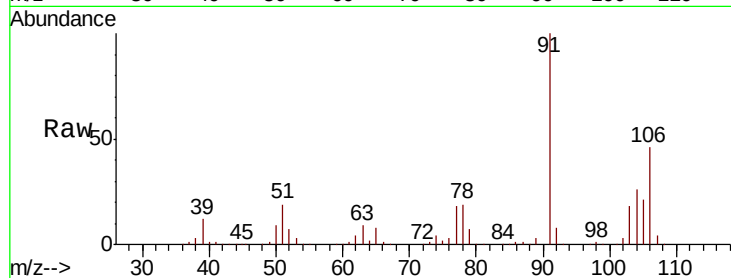
ClientSampleId :

Tot Ion:106 Resp: 222209

Ion Ratio Lower Upper

106 100

91 218.0 109.0 327.0



#70

Styrene

Concen: 50.515 ug/l

RT: 12.18 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VW015400.D

Acq: 05 May 2020 17:28

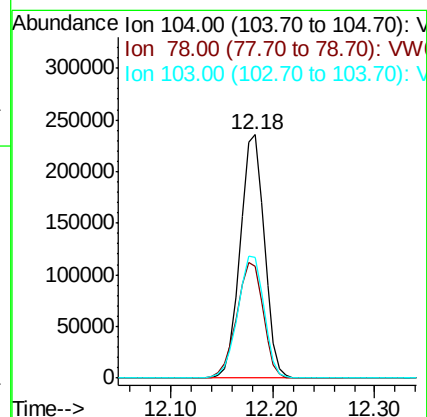
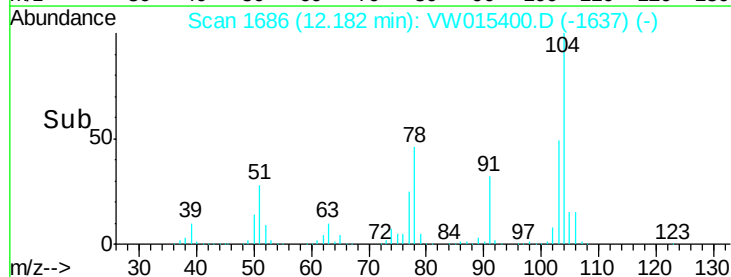
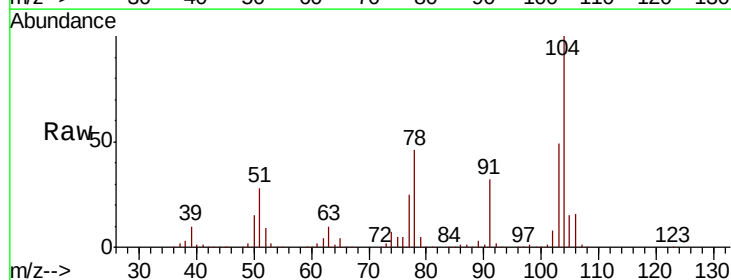
Tgt Ion:104 Resp: 383952

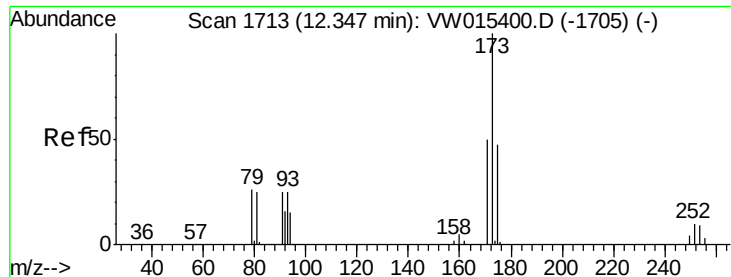
Ion Ratio Lower Upper

104 100

78 52.3 41.8 62.8

103 54.5 43.6 65.4





#71

Bromoform

Concen: 45.211 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW015400.D

Acq: 05 May 2020 17:28

Instrument :

MSVOA_W

ClientSampled :

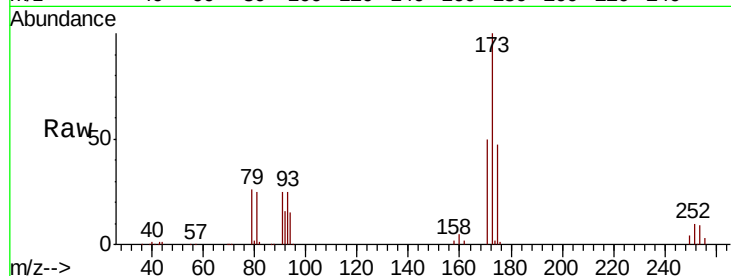
Tot Ion:173 Resp: 58885

Ion Ratio Lower Upper

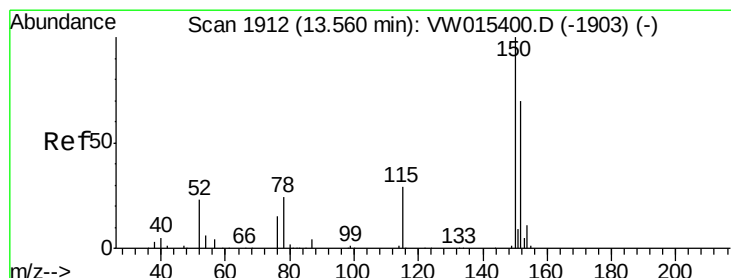
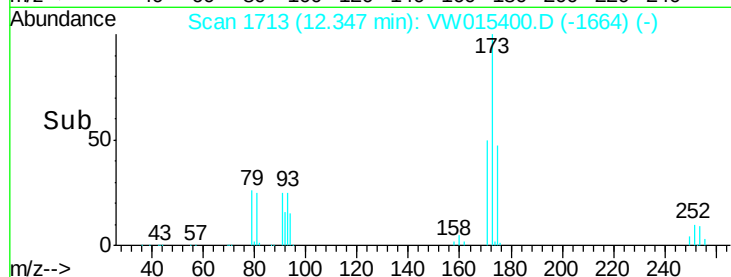
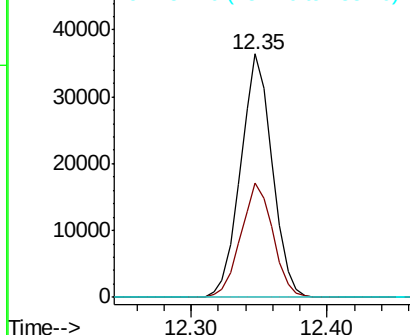
173 100

175 47.6 23.8 71.4

254 0.0 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: VW015400.D

Acq: 05 May 2020 17:28

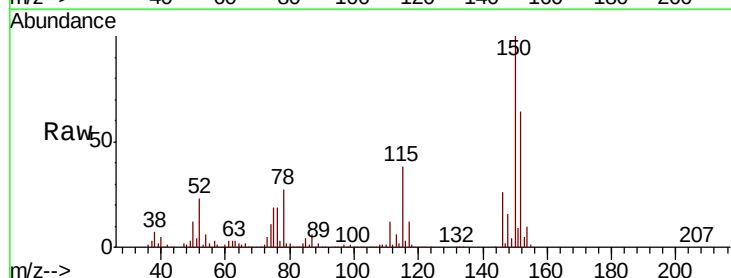
Tgt Ion:152 Resp: 168385

Ion Ratio Lower Upper

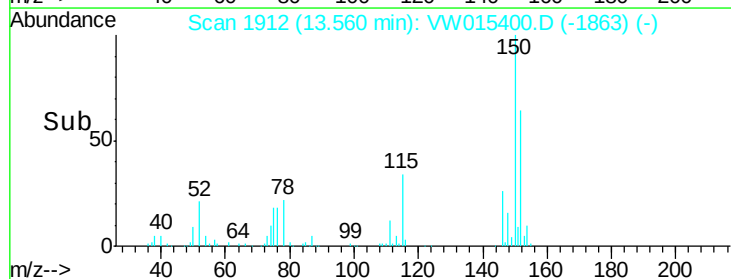
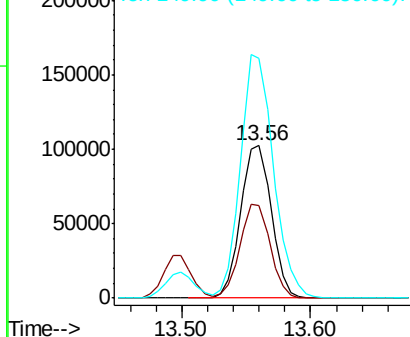
152 100

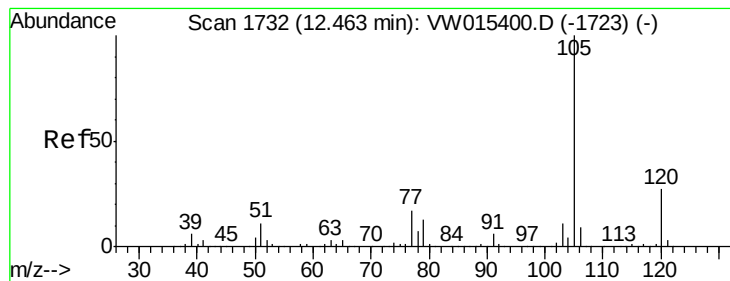
115 60.5 30.3 90.8

150 172.2 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: 52.017 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW015400.D

Acq: 05 May 2020 17:28

Instrument :

MSVOA_W

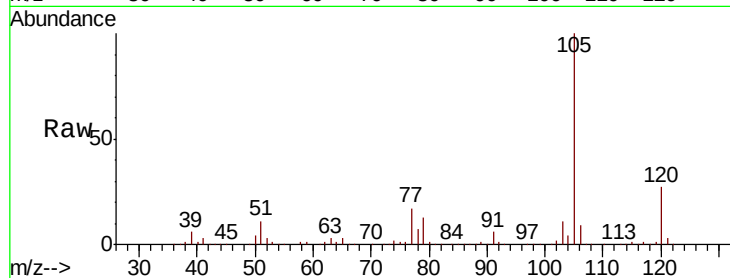
ClientSampleId :

Tot Ion:105 Resp: 620301

Ion Ratio Lower Upper

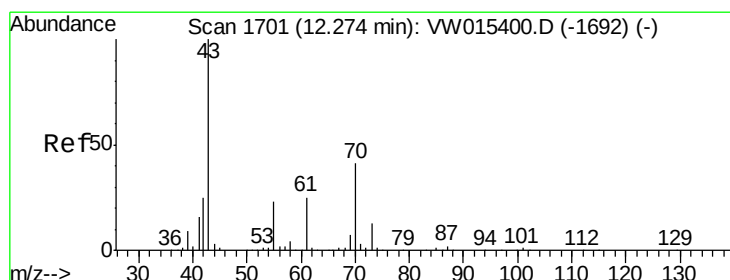
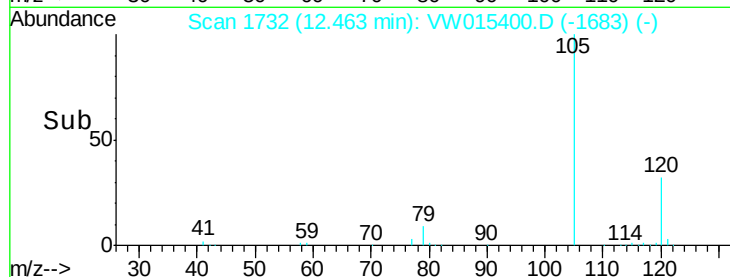
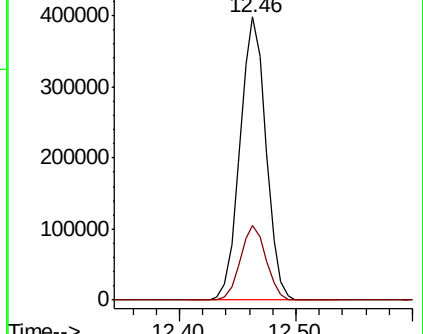
105 100

120 26.2 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 65.487 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW015400.D

Acq: 05 May 2020 17:28

Tgt Ion: 43 Resp: 143390

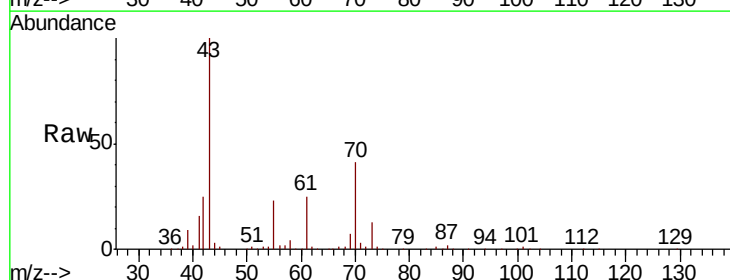
Ion Ratio Lower Upper

43 100

70 41.7 33.4 50.0

55 23.6 18.9 28.3

61 24.2 19.4 29.0

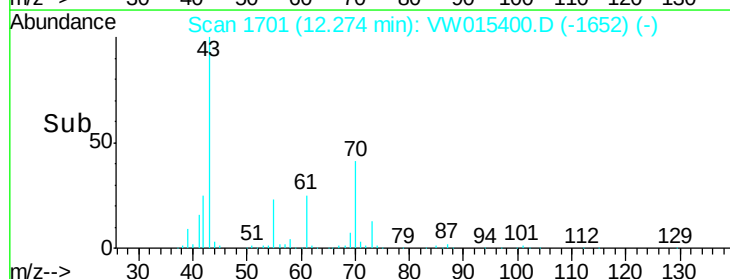
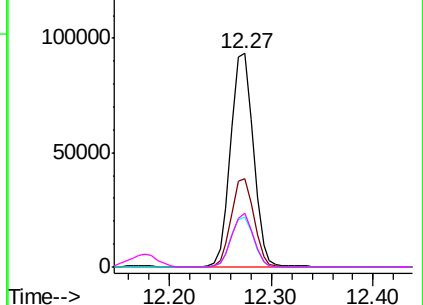


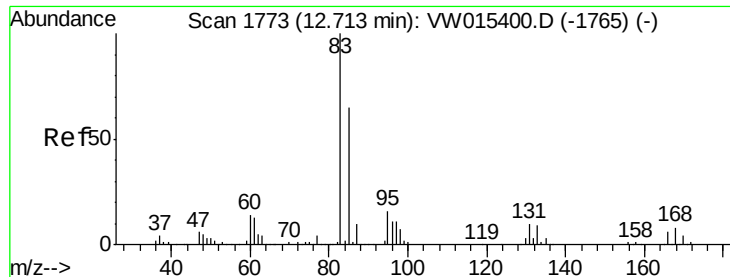
Abundance Ion 43.00 (42.70 to 43.70): VW

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





#75

1,1,2,2-Tetrachloroethane

Concen: 55.922 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW015400.D

Acq: 05 May 2020 17:28

Instrument :

MSVOA_W

ClientSampleId :

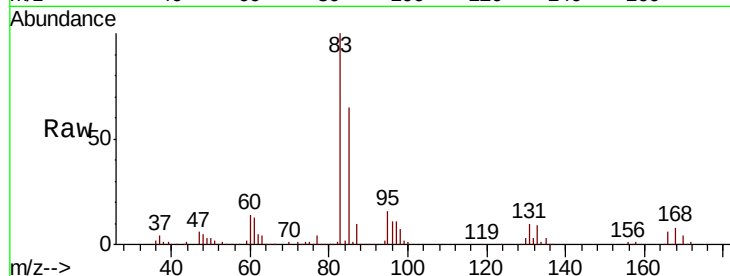
Tot Ion: 83 Resp: 96787

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.2

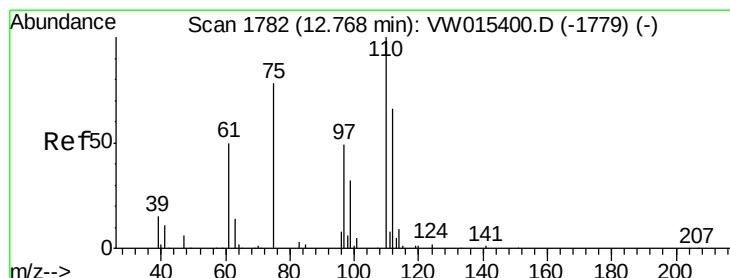
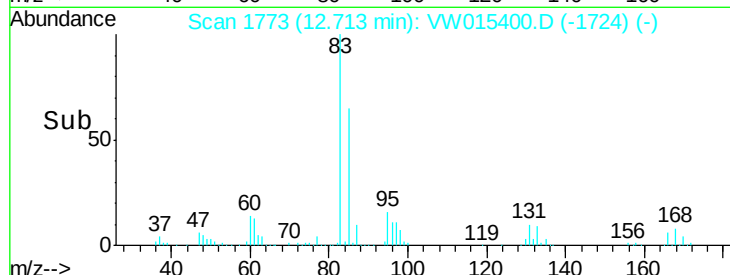
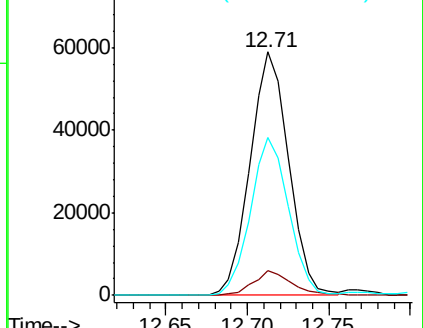
85 64.4 32.2 96.6



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: 97.950 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW015400.D

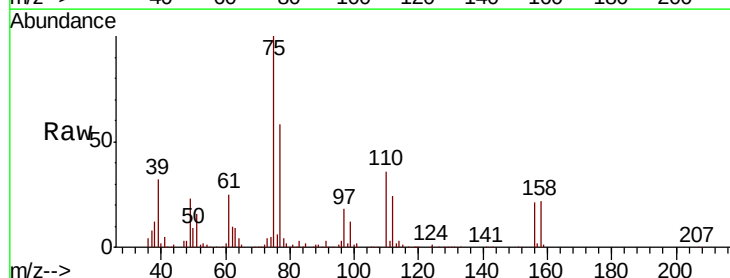
Acq: 05 May 2020 17:28

Tgt Ion: 75 Resp: 133513

Ion Ratio Lower Upper

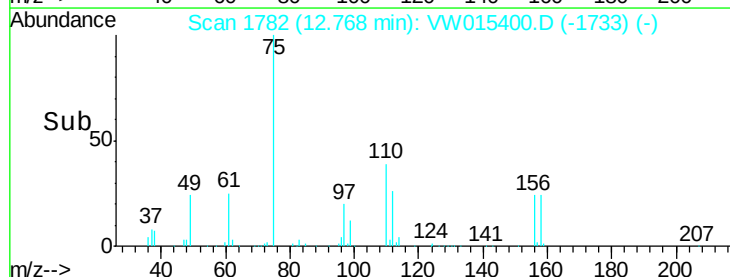
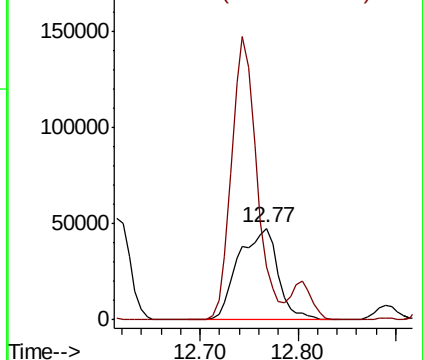
75 100

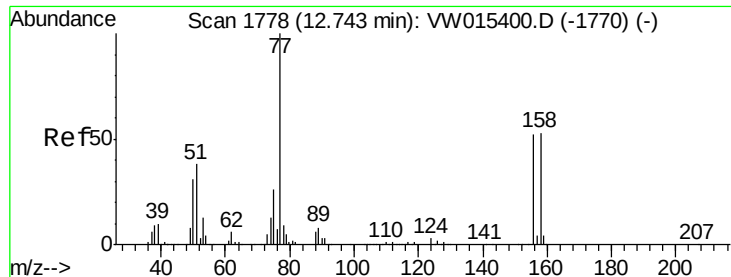
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 48.731 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VW015400.D

Acq: 05 May 2020 17:28

Instrument :

MSVOA_W

ClientSampleId :

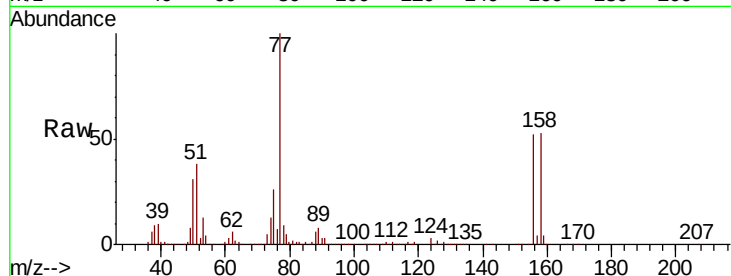
Tot Ion:156 Resp: 130982

Ion Ratio Lower Upper

156 100

77 203.7 101.8 305.6

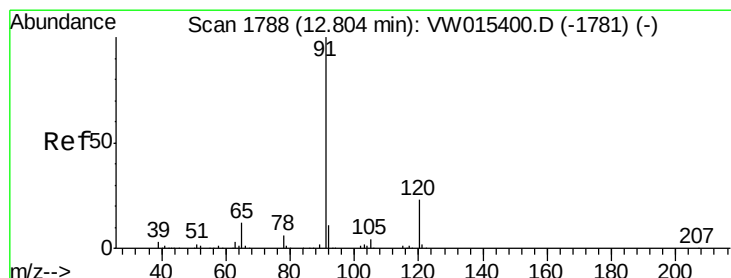
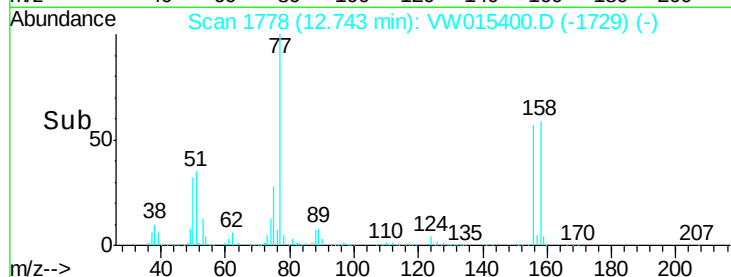
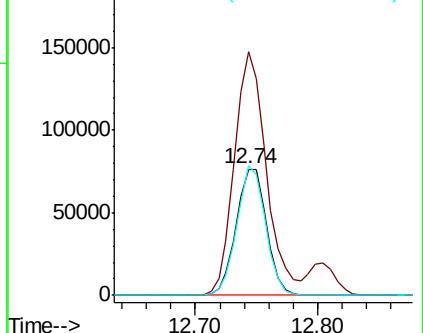
158 96.5 48.3 144.8



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: 53.681 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW015400.D

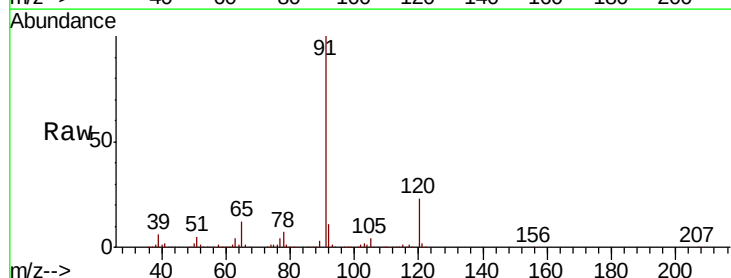
Acq: 05 May 2020 17:28

Tgt Ion: 91 Resp: 748333

Ion Ratio Lower Upper

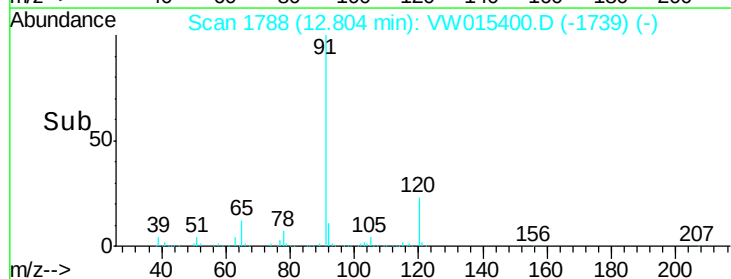
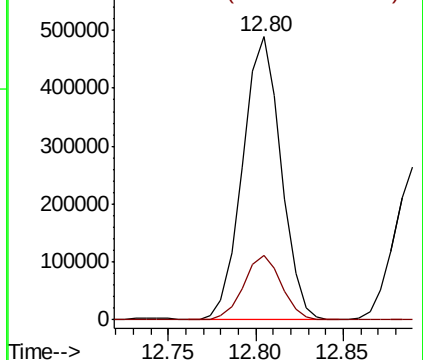
91 100

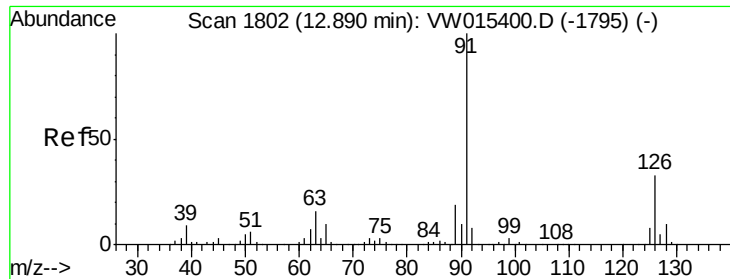
120 22.4 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.911 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW015400.D

Acq: 05 May 2020 17:28

Instrument :

MSVOA_W

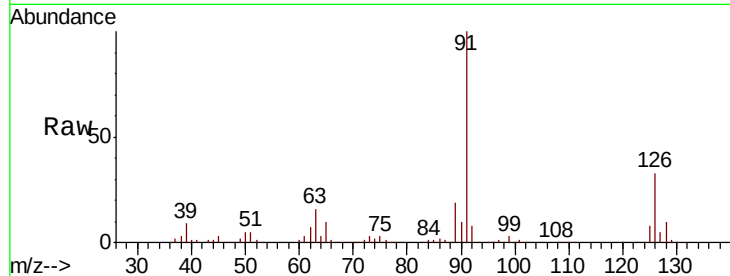
ClientSampled :

Tot Ion: 91 Resp: 423465

Ion Ratio Lower Upper

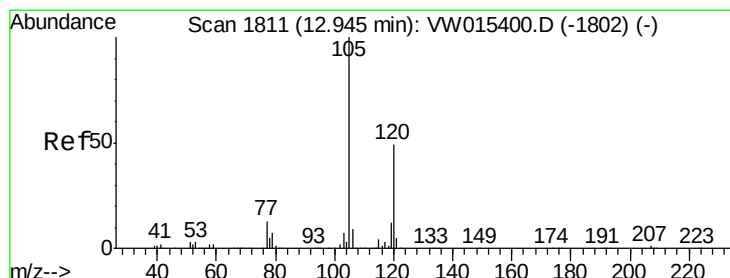
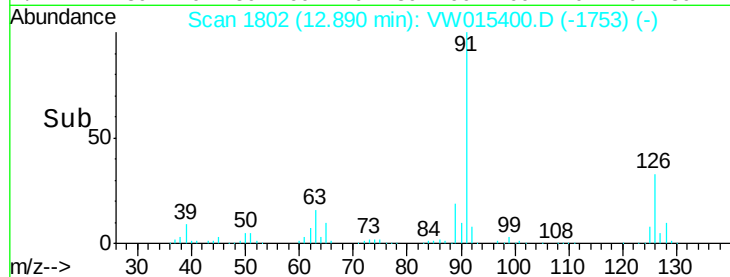
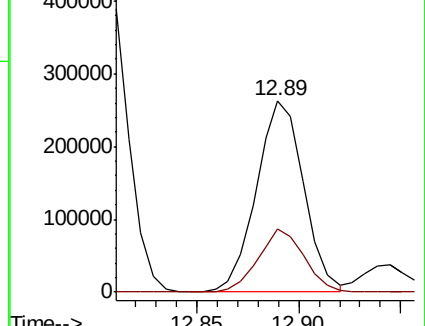
91 100

126 32.1 16.1 48.2



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 51.828 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW015400.D

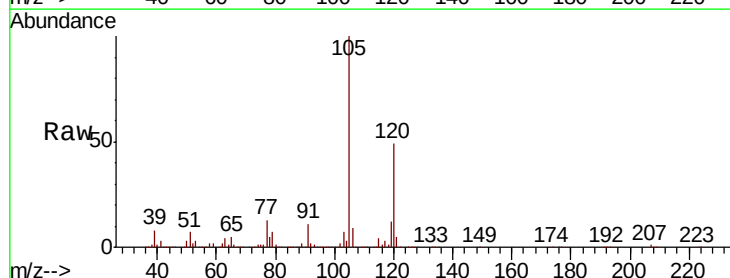
Acq: 05 May 2020 17:28

Tgt Ion:105 Resp: 530131

Ion Ratio Lower Upper

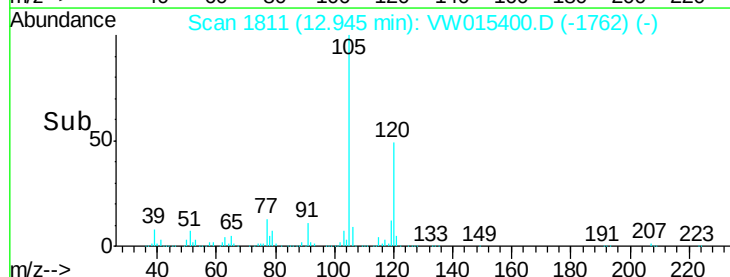
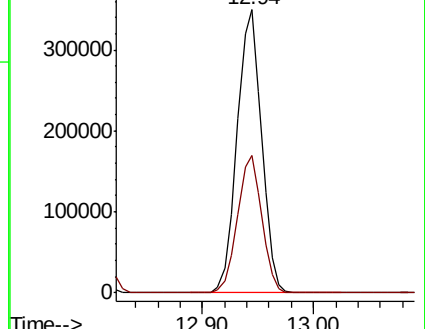
105 100

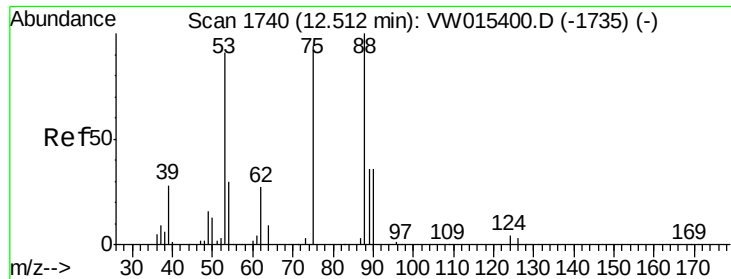
120 48.4 24.2 72.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 56.127 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW015400.D

Acq: 05 May 2020 17:28

Instrument :

MSVOA_W

ClientSampleId :

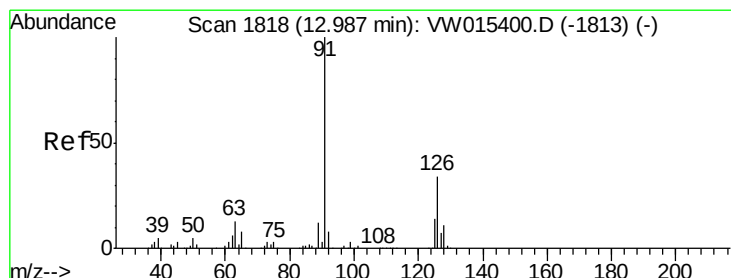
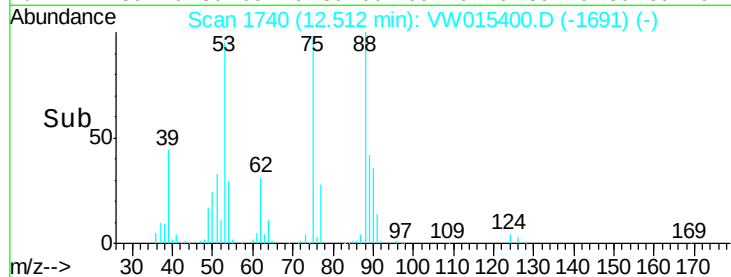
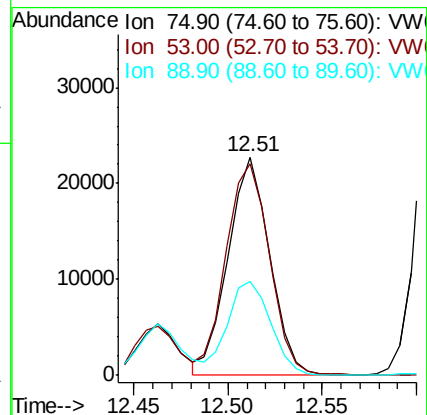
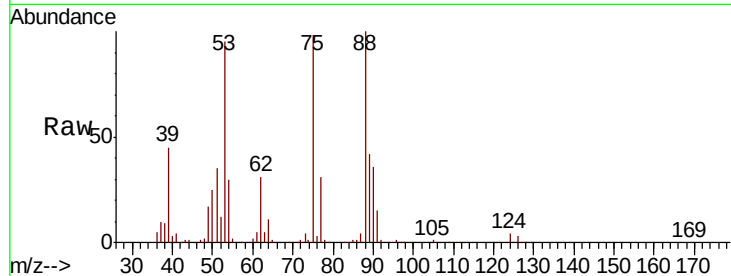
Tot Ion: 75 Resp: 34636

Ion Ratio Lower Upper

75 100

53 103.1 82.5 123.7

89 44.8 35.8 53.8



#82

4-Chlorotoluene

Concen: 53.780 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VW015400.D

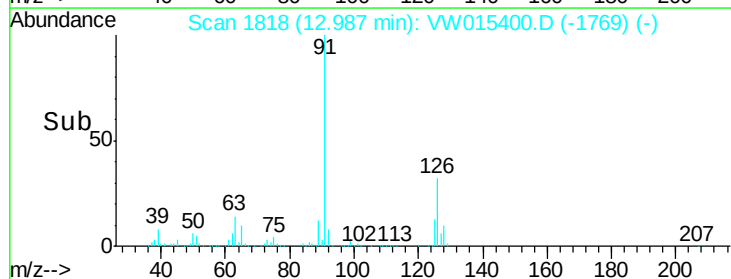
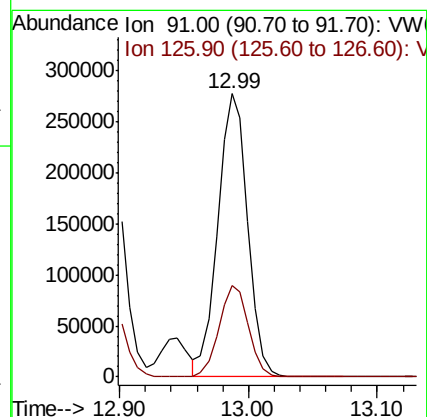
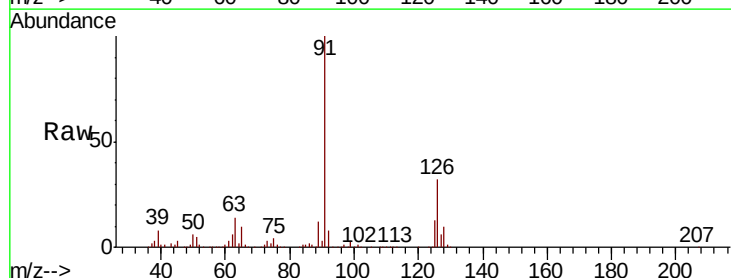
Acq: 05 May 2020 17:28

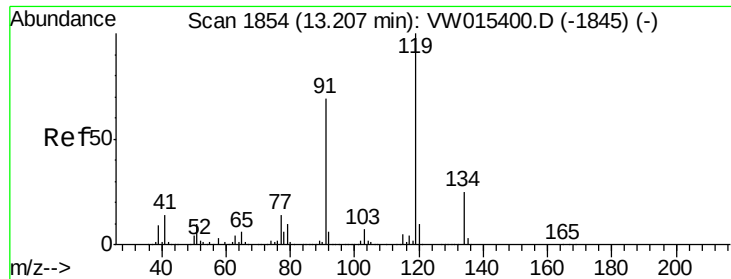
Tgt Ion: 91 Resp: 448016

Ion Ratio Lower Upper

91 100

126 31.9 16.0 47.9

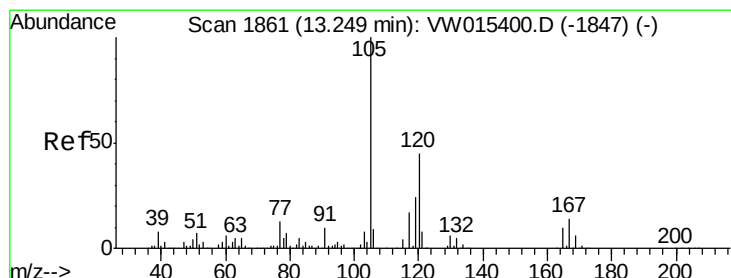
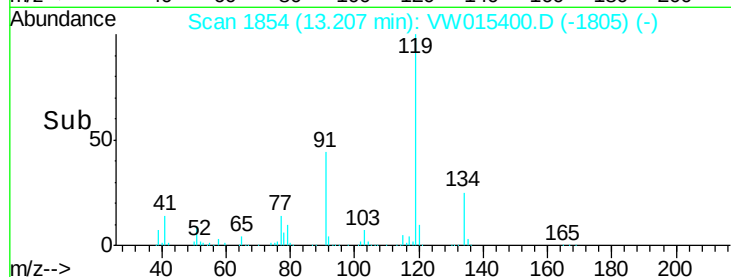
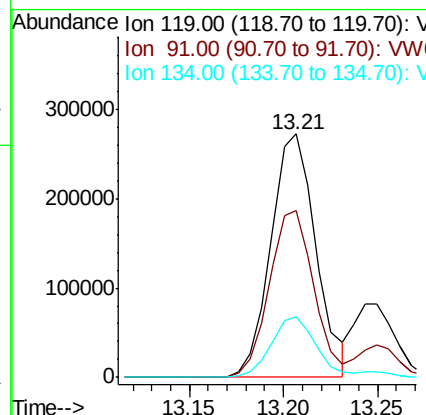
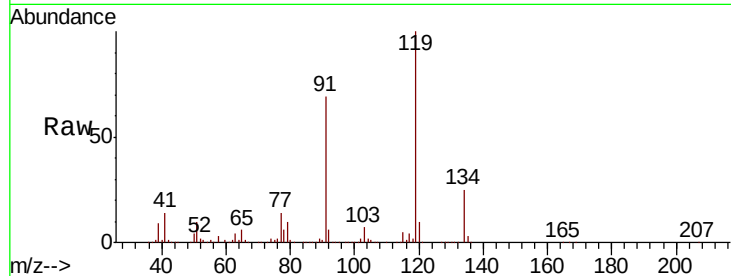




#83
 tert-Butylbenzene
 Concen: 50.654 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW015400.D
 Acq: 05 May 2020 17:28

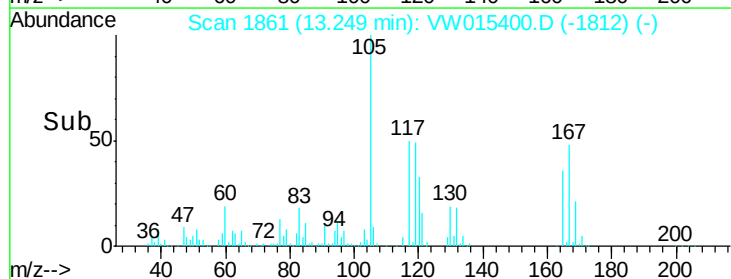
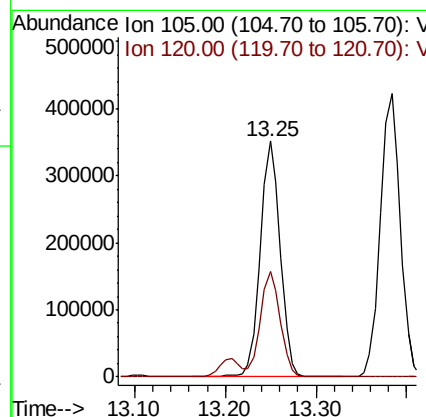
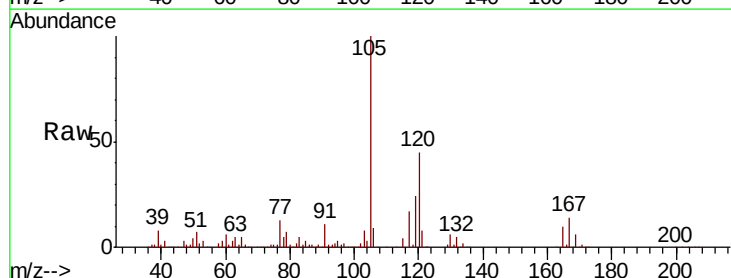
Instrument :
 MSVOA_W
 ClientSampleId :

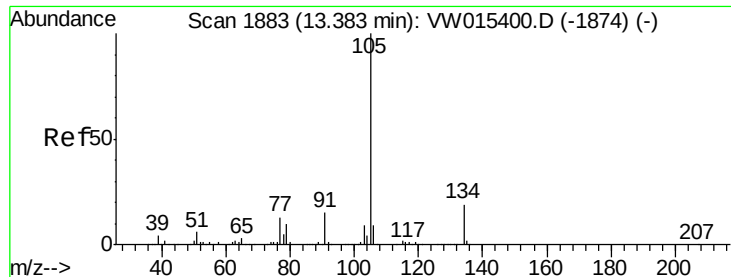
Tot Ion:119 Resp: 451699
 Ion Ratio Lower Upper
 119 100
 91 67.6 33.8 101.4
 134 24.6 12.3 36.9



#84
 1,2,4-Trimethylbenzene
 Concen: 52.757 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VW015400.D
 Acq: 05 May 2020 17:28

Tgt Ion:105 Resp: 533784
 Ion Ratio Lower Upper
 105 100
 120 44.0 22.0 66.0

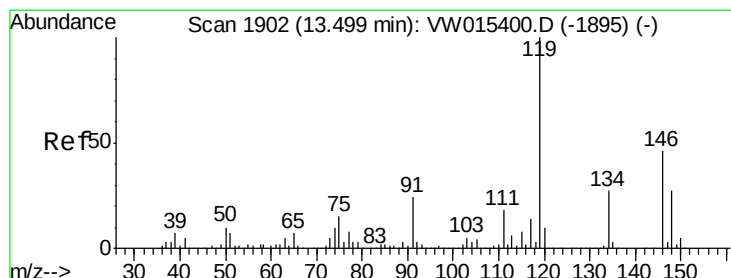
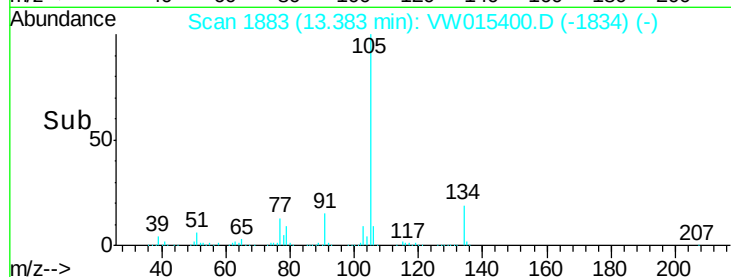
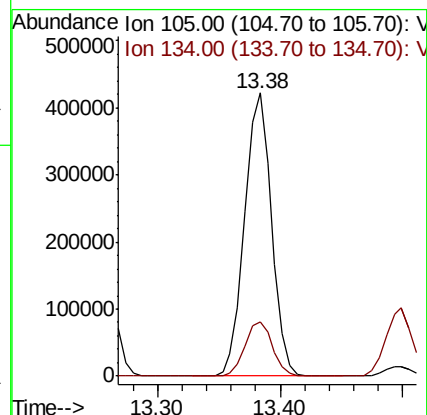
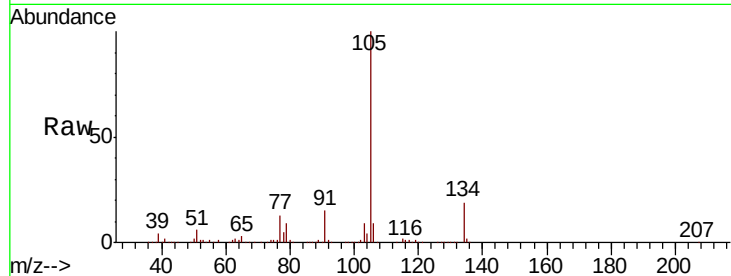




#85
 sec-Butylbenzene
 Concen: 52.063 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW015400.D
 Acq: 05 May 2020 17:28

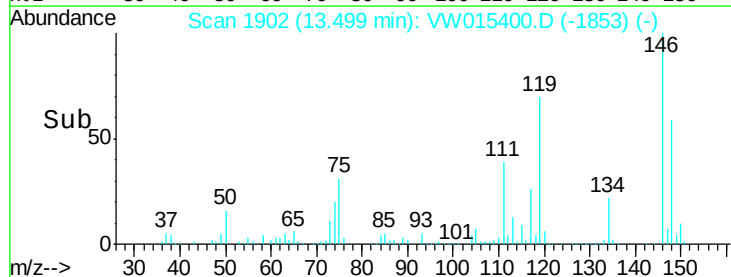
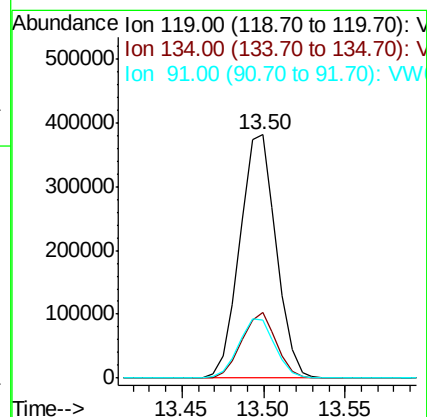
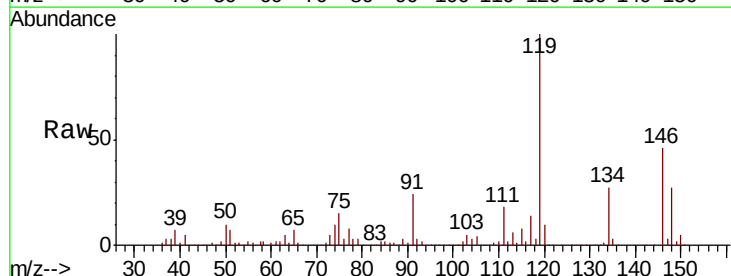
Instrument :
 MSVOA_W
 ClientSampleId :

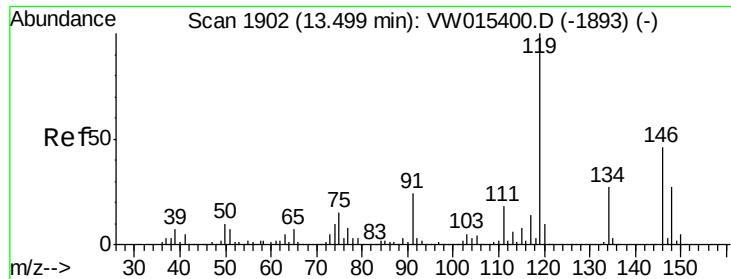
Tot Ion:105 Resp: 643522
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 51.610 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW015400.D
 Acq: 05 May 2020 17:28

Tgt Ion:119 Resp: 589504
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.8 38.4
 91 24.2 12.1 36.3

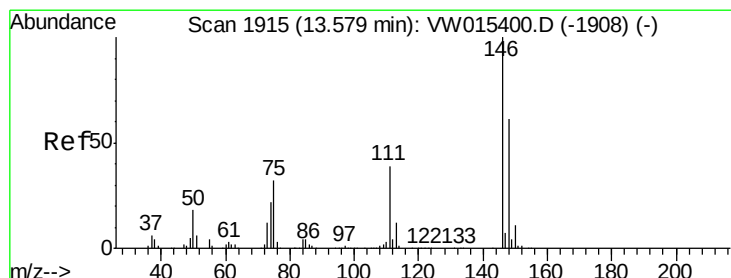
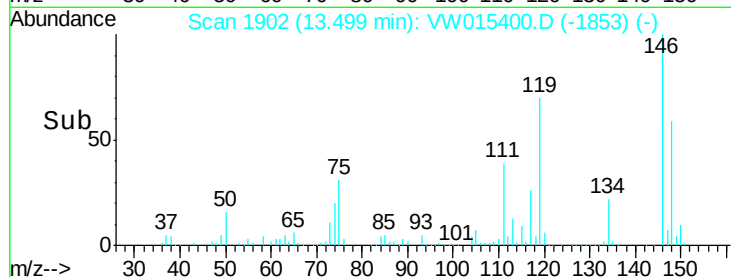
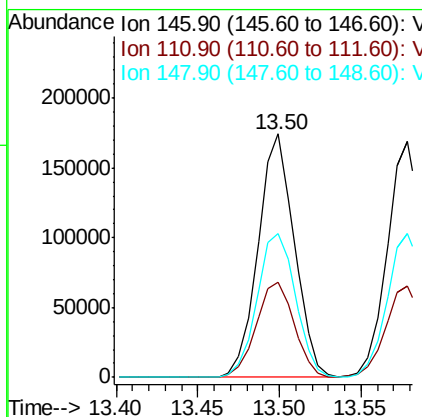
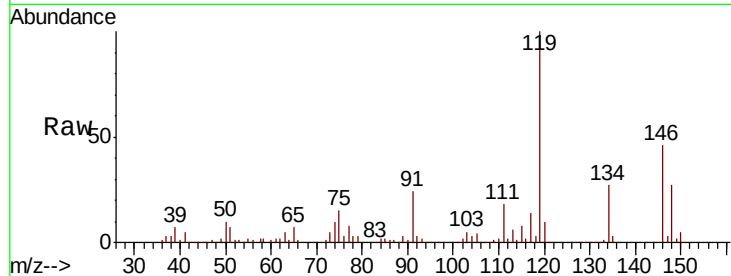




#87
 1,3-Dichlorobenzene
 Concen: 50.011 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW015400.D
 Acq: 05 May 2020 17:28

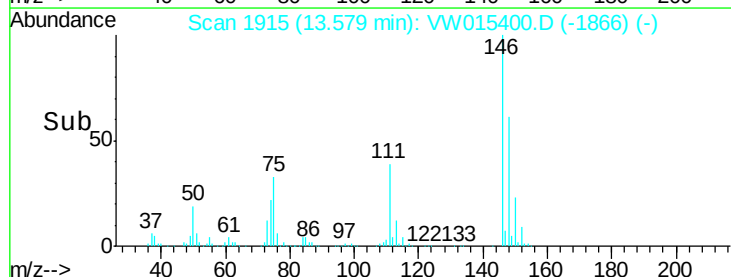
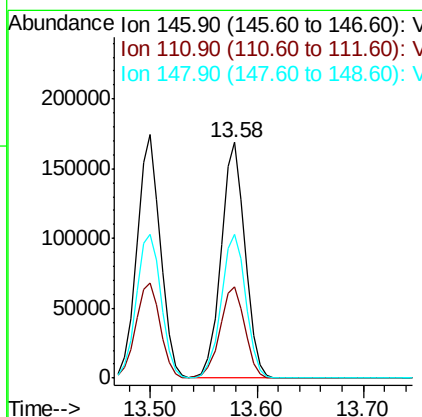
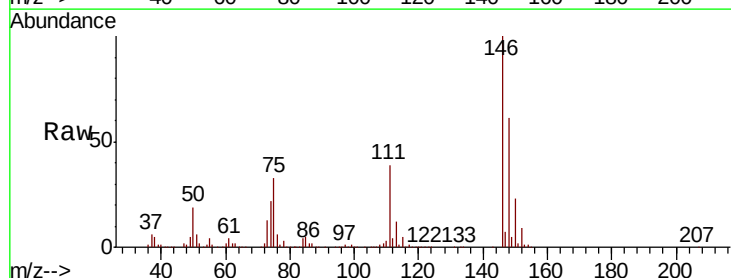
Instrument :
 MSVOA_W
 ClientSampled :

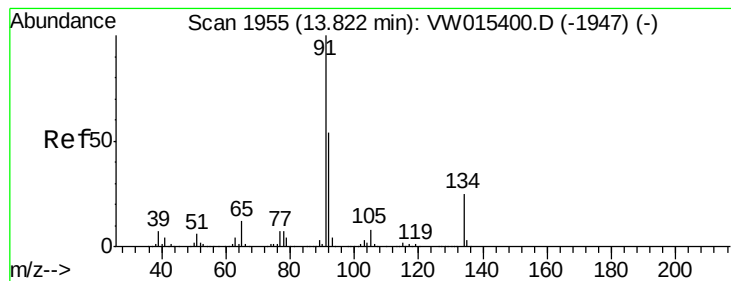
Tot Ion:146 Resp: 268715
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.5 61.5
 148 62.7 31.4 94.0



#88
 1,4-Dichlorobenzene
 Concen: 50.121 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW015400.D
 Acq: 05 May 2020 17:28

Tgt Ion:146 Resp: 264095
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.0 60.0
 148 62.9 31.4 94.3





#89

n-Butylbenzene

Concen: 54.983 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW015400.D

Acq: 05 May 2020 17:28

Instrument :

MSVOA_W

ClientSampled :

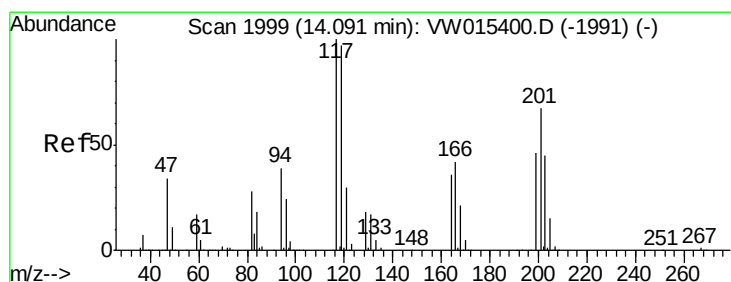
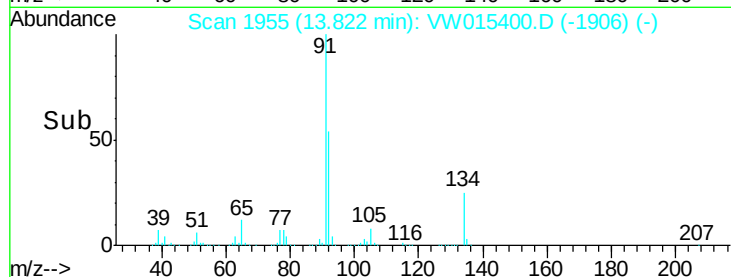
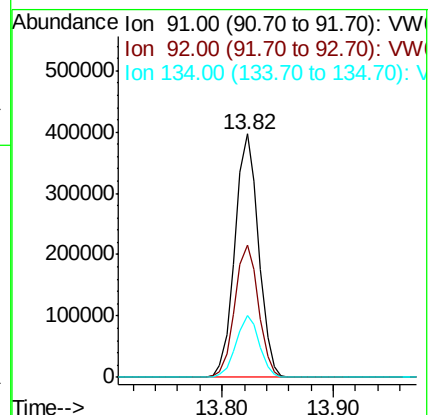
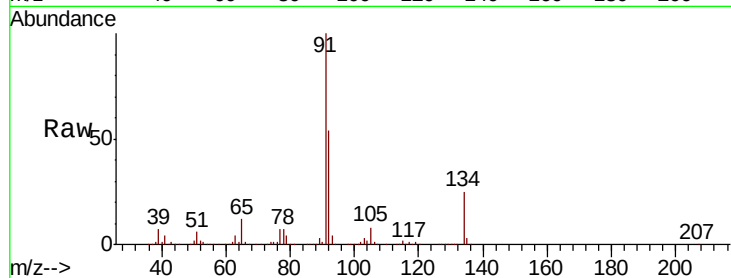
Tot Ion: 91 Resp: 582448

Ion Ratio Lower Upper

91 100

92 54.4 27.2 81.6

134 25.1 12.6 37.6



#90

Hexachloroethane

Concen: 50.695 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. 0.00 min

Lab File: VW015400.D

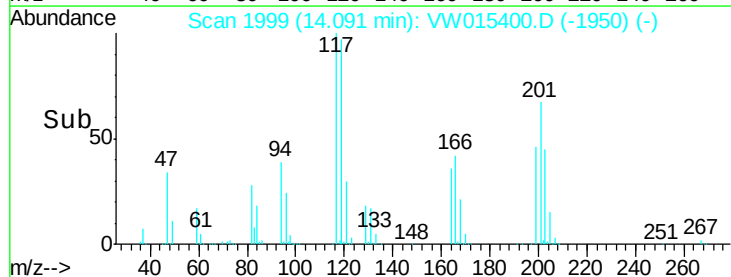
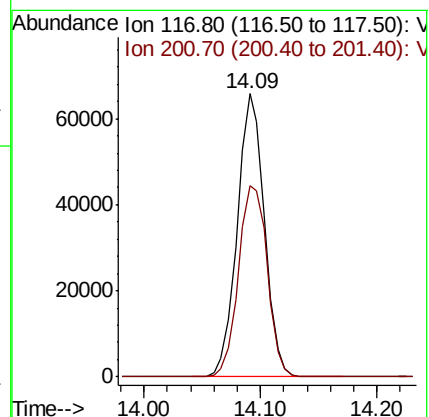
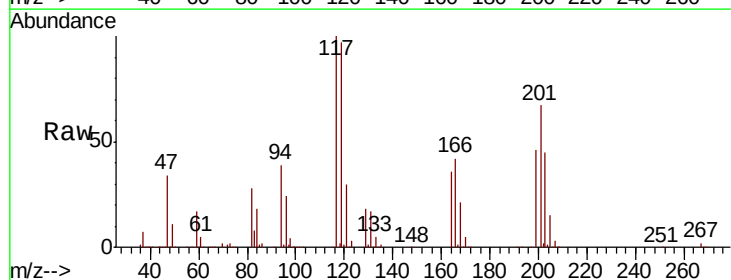
Acq: 05 May 2020 17:28

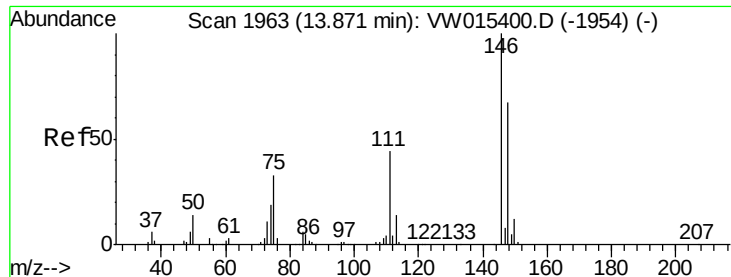
Tgt Ion: 117 Resp: 106401

Ion Ratio Lower Upper

117 100

201 71.9 35.9 107.8

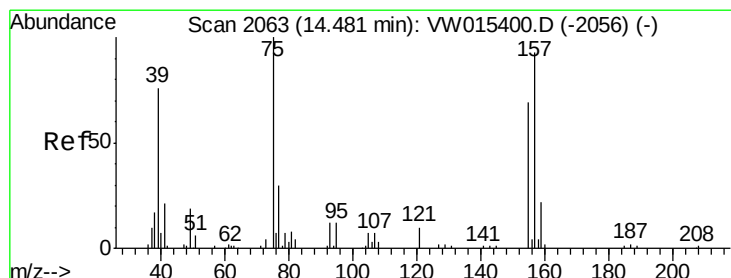
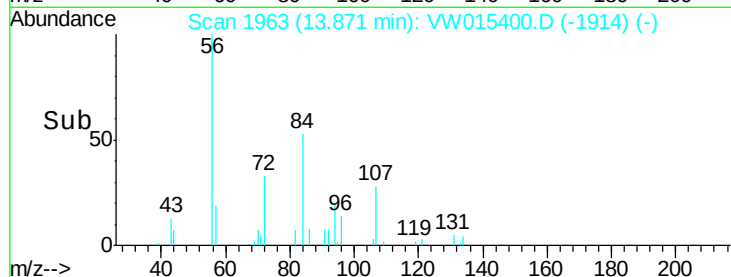
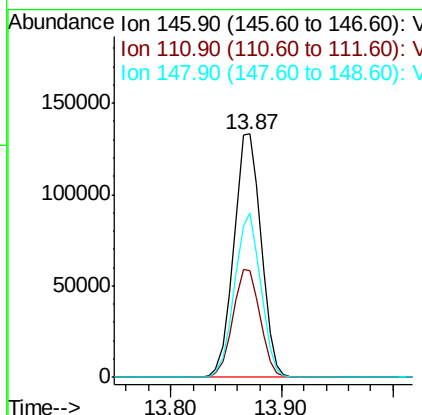
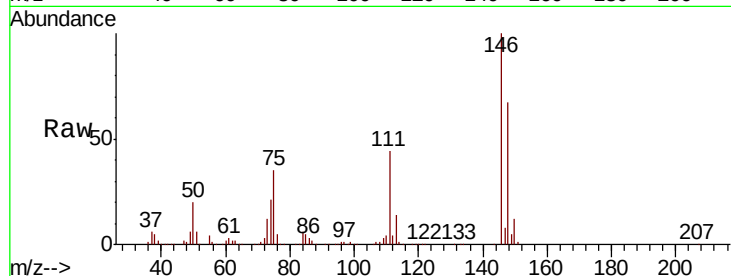




#91
 1,2-Dichlorobenzene
 Concen: 48.518 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW015400.D
 Acq: 05 May 2020 17:28

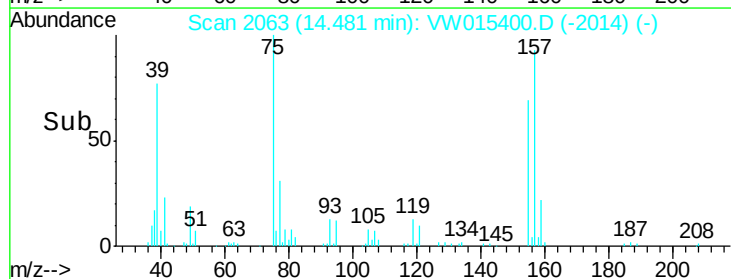
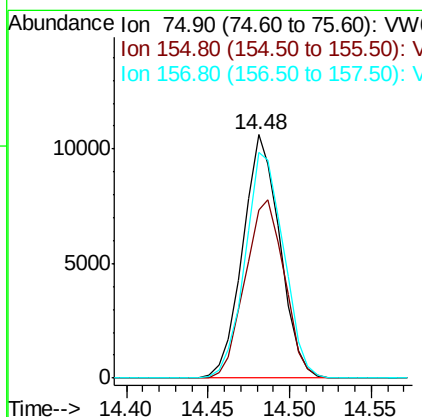
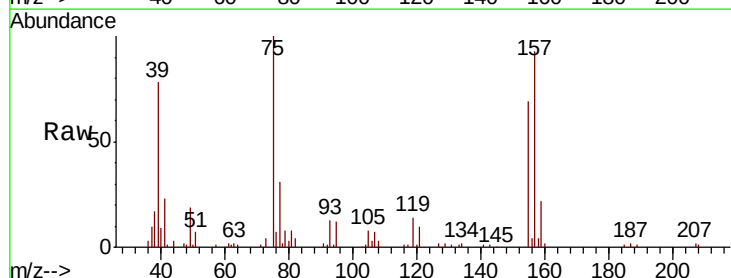
Instrument :
 MSVOA_W
 ClientSampleId :

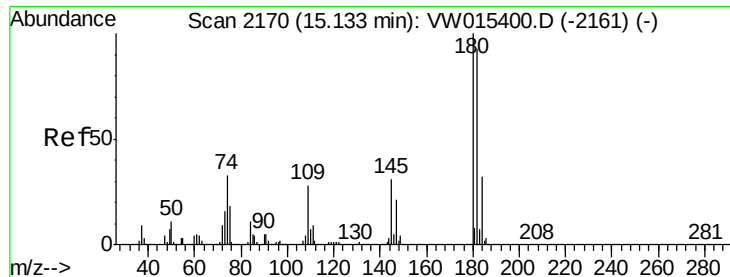
Tot Ion	Ratio	Lower	Upper
146	100		
111	44.2	22.1	66.3
148	64.9	32.5	97.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.396 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. 0.00 min
 Lab File: VW015400.D
 Acq: 05 May 2020 17:28

Tgt Ion	Ratio	Lower	Upper
75	100		
155	77.4	38.7	116.1
157	96.3	48.1	144.4

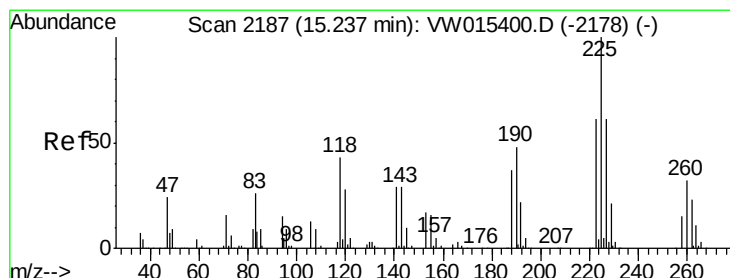
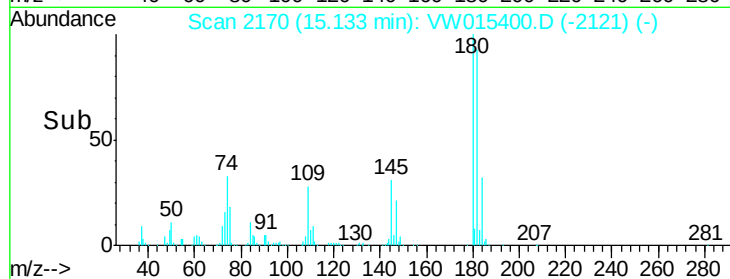
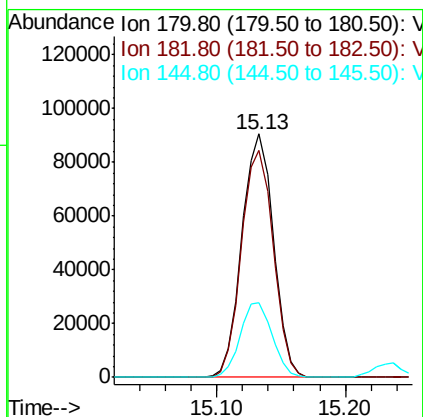
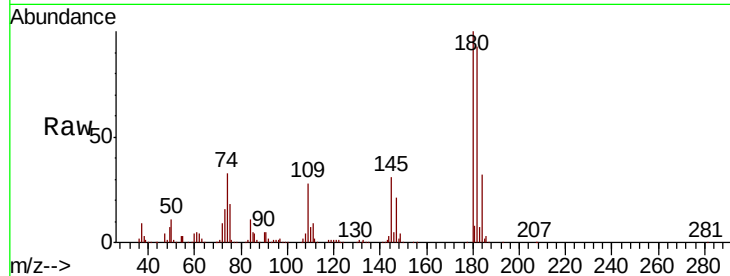




#93
 1,2,4-Trichlorobenzene
 Concen: 47.750 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW015400.D
 Acq: 05 May 2020 17:28

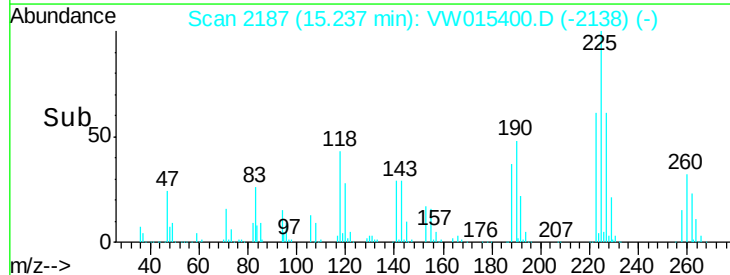
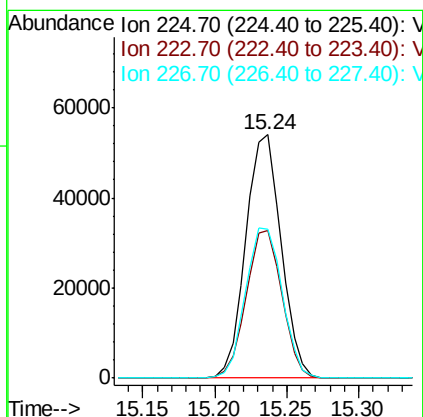
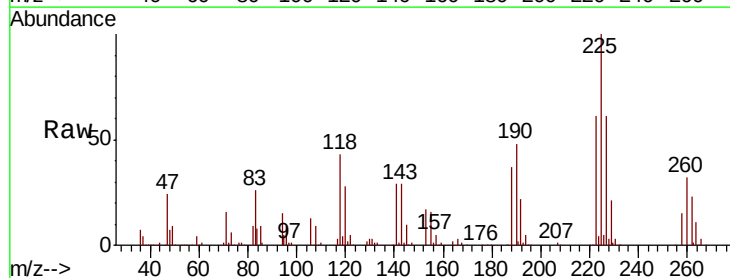
Instrument :
 MSVOA_W
 ClientSampleId :

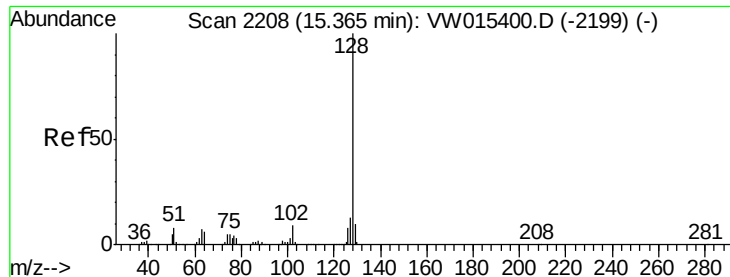
Tot Ion:180 Resp: 153335
 Ion Ratio Lower Upper
 180 100
 182 94.4 47.2 141.6
 145 31.2 15.6 46.8



#94
 Hexachlorobutadiene
 Concen: 43.226 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW015400.D
 Acq: 05 May 2020 17:28

Tgt Ion:225 Resp: 91593
 Ion Ratio Lower Upper
 225 100
 223 61.4 30.7 92.1
 227 64.0 32.0 96.0

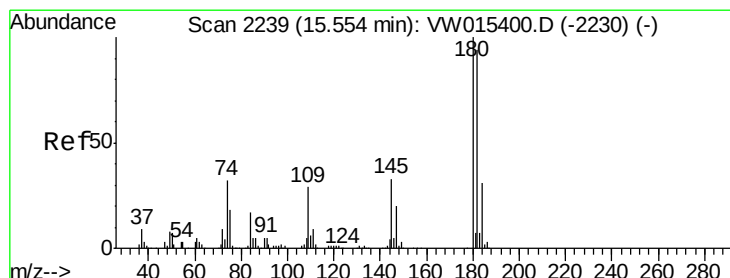
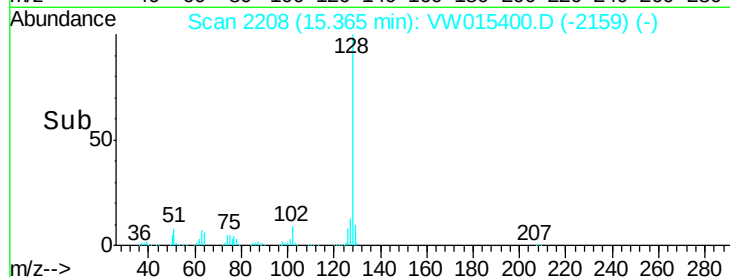
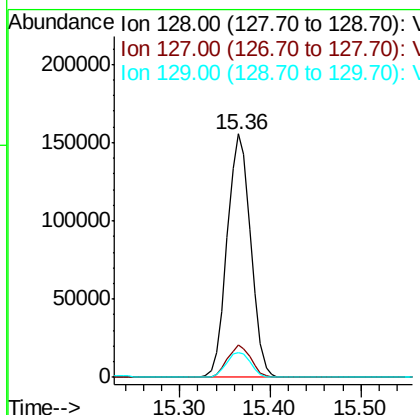
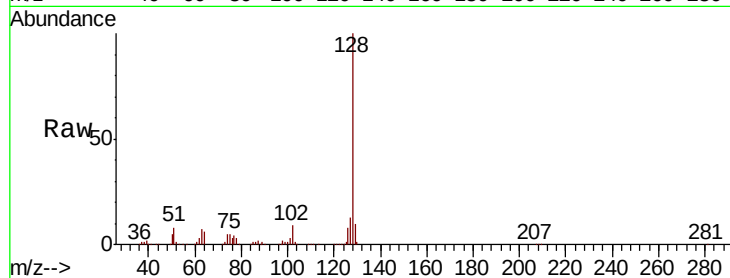




#95
Naphthalene
Concen: 53.060 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW015400.D
Acq: 05 May 2020 17:28

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:128 Resp: 279327
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.7 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 49.643 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VW015400.D
Acq: 05 May 2020 17:28

Tgt Ion:180 Resp: 130550
Ion Ratio Lower Upper
180 100
182 95.2 47.6 142.8
145 32.5 16.3 48.8

