

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042120\
 Data File : VW015288.D
 Acq On : 22 Apr 2020 03:10
 Operator : SY/VA
 Sample : L2314-17MS
 Misc : 5.10G/5ML/MSVOA W/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 22 06:06:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 21 06:39:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	1533	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	3904	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	3907	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	1106	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	4276	341.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	682.20%	
35) Dibromofluoromethane	7.89	113	2947	136.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	272.56%	
50) Toluene-d8	10.32	98	5125	56.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.68%	
62) 4-Bromofluorobenzene	12.62	95	1599	46.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	347	28.664	ug/l	95
3) Chloromethane	2.22	50	995	75.475	ug/l	97
4) Vinyl Chloride	2.37	62	625	40.148	ug/l #	75
5) Bromomethane	2.79	94	1039	93.868	ug/l	98
6) Chloroethane	2.93	64	792	82.018	ug/l #	82
7) Trichlorofluoromethane	3.28	101	843	38.268	ug/l	95
8) Diethyl Ether	3.70	74	3645	589.496	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	4.07	101	622	45.787	ug/l #	78
10) Methyl Iodide	4.29	142	136	9.532	ug/l #	41
11) Tert butyl alcohol	5.16	59	4760	4658.015	ug/l #	92
12) 1,1-Dichloroethene	4.07	96	500	38.239	ug/l #	59
13) Acrolein	4.04	56	21	39.263	ug/l #	1
14) Allyl chloride	4.63	41	912	52.576	ug/l #	41
15) Acrylonitrile	5.38	53	6347	2697.325	ug/l	96
16) Acetone	4.13	43	10639	4858.934	ug/l	91
17) Carbon Disulfide	4.40	76	1208	31.088	ug/l #	76
18) Methyl Acetate	4.69	43	7932	1368.572	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	22596	752.791	ug/l	95
20) Methylene Chloride	4.93	84	4634	322.925	ug/l #	83
21) trans-1,2-Dichloroethene	5.44	96	718	48.417	ug/l #	76
22) Diisopropyl ether	6.32	45	16452	494.392	ug/l	96
23) Vinyl Acetate	6.32	43	8890	455.247	ug/l #	70
24) 1,1-Dichloroethane	6.23	63	3529	153.017	ug/l #	93
25) 2-Butanone	7.18	43	3933	1353.882	ug/l	97
26) 2,2-Dichloropropane	7.17	77	1646	67.840	ug/l	79
27) cis-1,2-Dichloroethene	7.17	96	2220	138.665	ug/l	95
28) Bromochloromethane	7.52	49	2421	288.725	ug/l #	63
29) Tetrahydrofuran	7.54	42	8231	4547.887	ug/l	88
30) Chloroform	7.68	83	4999	200.834	ug/l	98
31) Cyclohexane	7.96	56	1138	49.088	ug/l #	85
32) 1,1,1-Trichloroethane	7.87	97	2146	89.330	ug/l	95
36) 1,1-Dichloropropene	8.09	75	628	17.823	ug/l	93
37) Ethyl Acetate	7.34	43	162	14.166	ug/l #	67
38) Carbon Tetrachloride	8.06	117	910	23.633	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.33	83	1266	26.994	ug/l #	81
40) Benzene	8.33	78	8429	89.552	ug/l	95
41) Methacrylonitrile	7.54	41	7093	1033.745	ug/l #	46
42) 1,2-Dichloroethane	8.40	62	5154	186.004	ug/l	99
43) Isopropyl Acetate	8.45	43	81	3.377	ug/l #	50
44) Trichloroethene	9.10	130	1179	40.951	ug/l	84
45) 1,2-Dichloropropane	9.37	63	3389	154.829	ug/l	97
46) Dibromomethane	9.46	93	2417	190.890	ug/l	89
47) Bromodichloromethane	9.64	83	5090	150.377	ug/l	99
48) Methyl methacrylate	9.44	41	3955	348.823	ug/l #	88
49) 1,4-Dioxane	9.45	88	1849	10954.045	ug/l #	84
51) 4-Methyl-2-Pentanone	10.21	43	23534	2090.264	ug/l	97
52) Toluene	10.38	92	3510	53.283	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	2053	61.513	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	2486	64.083	ug/l	92
55) 1,1,2-Trichloroethane	10.79	97	4211	237.510	ug/l	97
56) Ethyl methacrylate	10.91	69	25	1.095	ug/l #	26
57) 1,3-Dichloropropane	10.93	76	5176	176.238	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	5776	545.460	ug/l	90
59) 2-Hexanone	10.97	43	8903	1107.753	ug/l	98
60) Dibromochloromethane	11.13	129	4133	176.552	ug/l	99
61) 1,2-Dibromoethane	11.24	107	2623	151.617	ug/l	100
64) Tetrachloroethene	10.86	164	1474	52.861	ug/l	90
65) Chlorobenzene	11.66	112	3572	46.592	ug/l #	86
66) 1,1,1,2-Tetrachloroethane	11.73	131	4211	152.821	ug/l	95
67) Ethyl Benzene	11.73	91	4583	32.055	ug/l	90
68) m/p-Xylenes	11.84	106	3673	65.540	ug/l	95
69) o-Xylene	12.16	106	2946	56.319	ug/l	98
70) Styrene	12.18	104	2601	29.171	ug/l	92
71) Bromoform	12.35	173	2582	166.301	ug/l #	93
73) Isopropylbenzene	12.46	105	4844	63.168	ug/l	99
74) N-amyl acetate	12.26	43	100	7.496	ug/l #	42
75) 1,1,2,2-Tetrachloroethane	12.71	83	4429	406.790	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	3853	450.322	ug/l #	100
77) Bromobenzene	12.75	156	1579	89.624	ug/l	92
78) n-propylbenzene	12.80	91	2809	31.461	ug/l	98
79) 2-Chlorotoluene	12.89	91	3223	64.054	ug/l	95
80) 1,3,5-Trimethylbenzene	12.94	105	4194	63.491	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	126	32.192	ug/l #	50
82) 4-Chlorotoluene	12.99	91	2149	40.225	ug/l	97
83) tert-Butylbenzene	13.20	119	4190	72.573	ug/l	94
84) 1,2,4-Trimethylbenzene	13.25	105	4032	61.885	ug/l	96
85) sec-Butylbenzene	13.38	105	2880	36.120	ug/l	94
86) p-Isopropyltoluene	13.50	119	2654	35.821	ug/l	96
87) 1,3-Dichlorobenzene	13.50	146	1186	33.880	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	1221	35.583	ug/l	95
89) n-Butylbenzene	13.83	91	807	11.917	ug/l	90
90) Hexachloroethane	14.09	117	861	63.367	ug/l	66
91) 1,2-Dichlorobenzene	13.87	146	1865	61.310	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	14.48	75	490	248.690	ug/l	92

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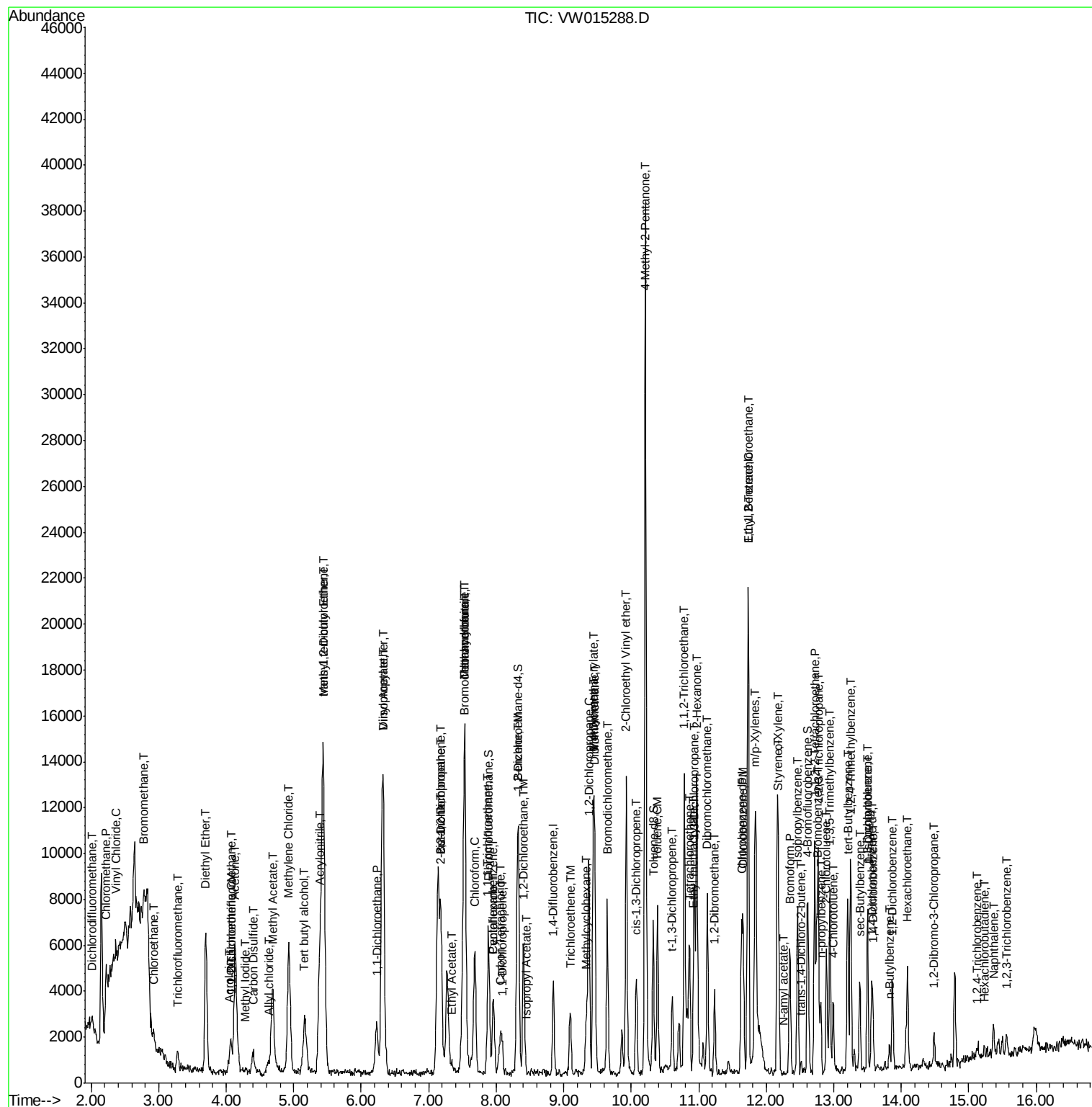
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	180	8.513	ug/l #	48
94) Hexachlorobutadiene	15.24	225	189	13.408	ug/l #	26
95) Naphthalene	15.36	128	1380	40.574	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.56	180	382	22.205	ug/l	94

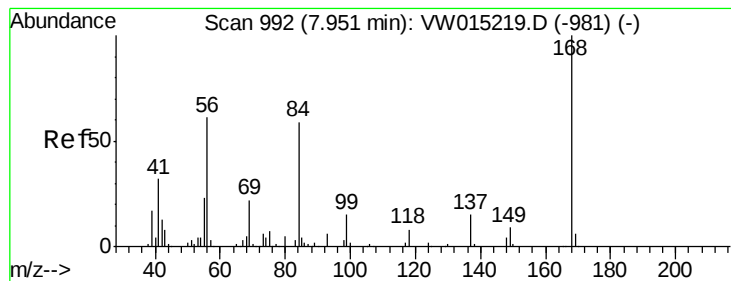
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW015288.D

Acq: 22 Apr 2020 03:10

Instrument :

MSVOA_W

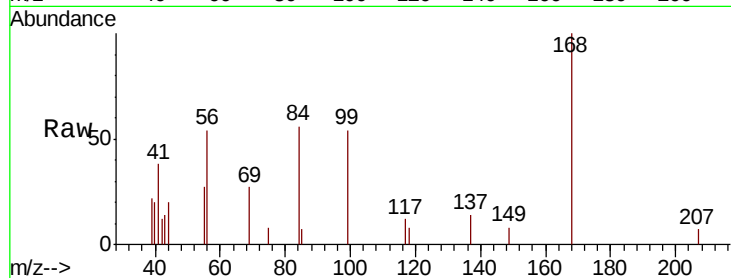
ClientSampled :

Tot Ion:168 Resp: 1533

Ion Ratio Lower Upper

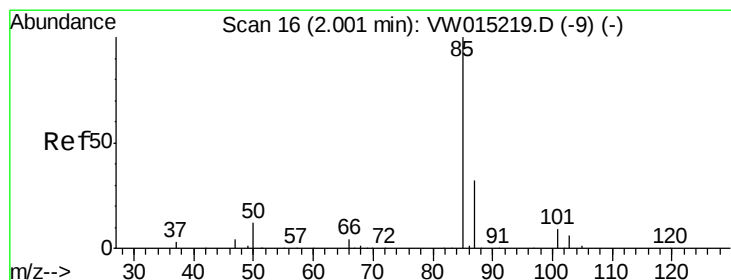
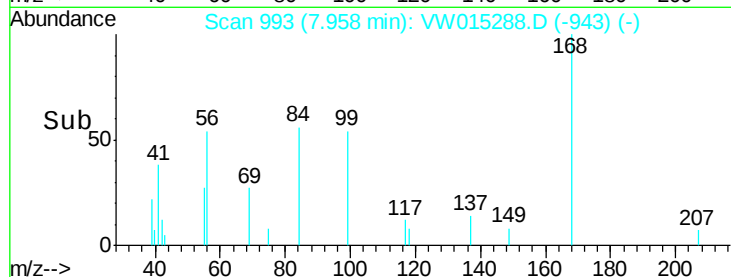
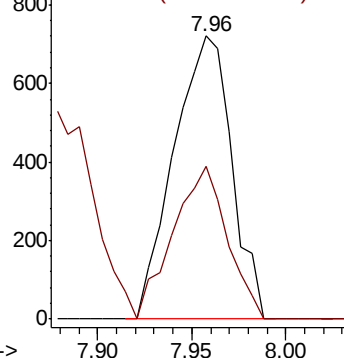
168 100

99 53.8 48.5 72.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 28.664 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.01 min

Lab File: VW015288.D

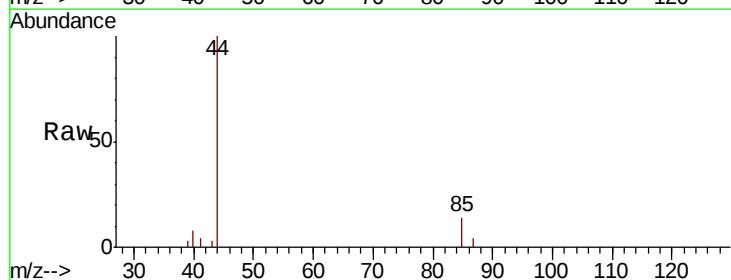
Acq: 22 Apr 2020 03:10

Tgt Ion: 85 Resp: 347

Ion Ratio Lower Upper

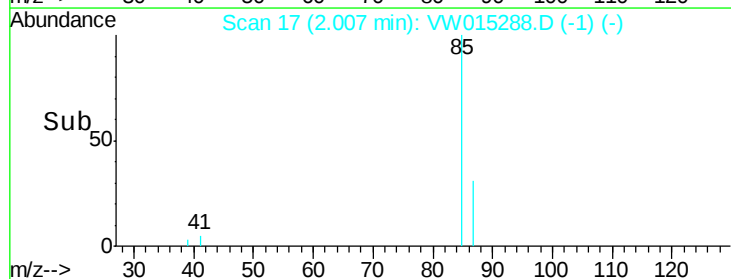
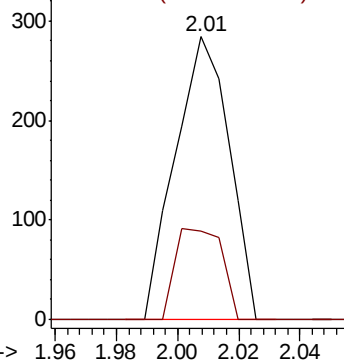
85 100

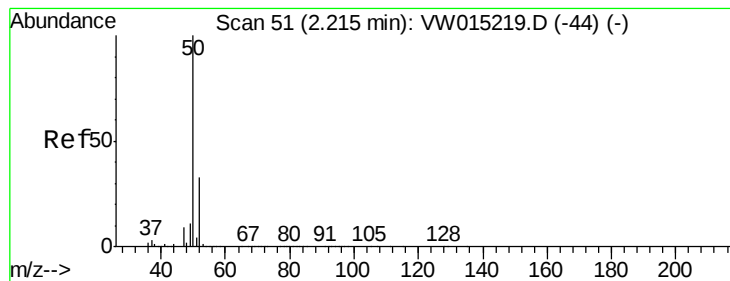
87 31.3 17.2 51.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 75.475 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW015288.D

Acq: 22 Apr 2020 03:10

Instrument :

MSVOA_W

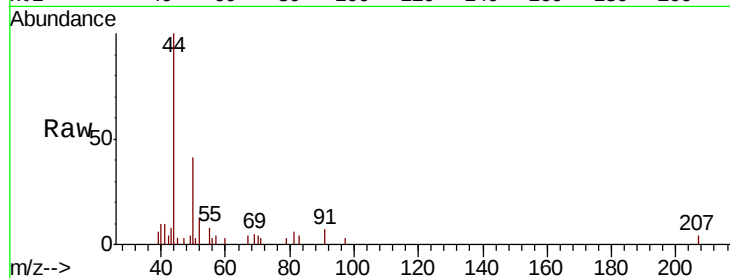
ClientSampleId :

Tot Ion: 50 Resp: 995

Ion Ratio Lower Upper

50 100

52 31.5 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW

2.22

800

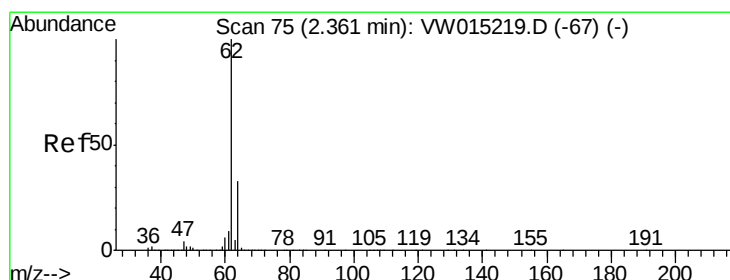
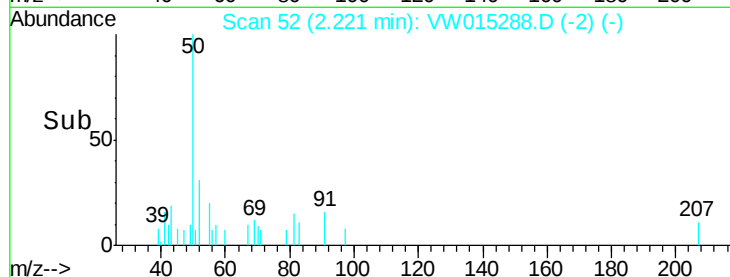
600

400

200

0

Time-->



#4

Vinyl Chloride

Concen: 40.148 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.01 min

Lab File: VW015288.D

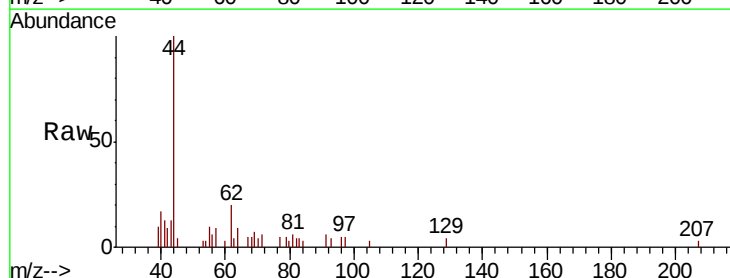
Acq: 22 Apr 2020 03:10

Tgt Ion: 62 Resp: 625

Ion Ratio Lower Upper

62 100

64 45.5 25.4 38.2#



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW

2.37

400

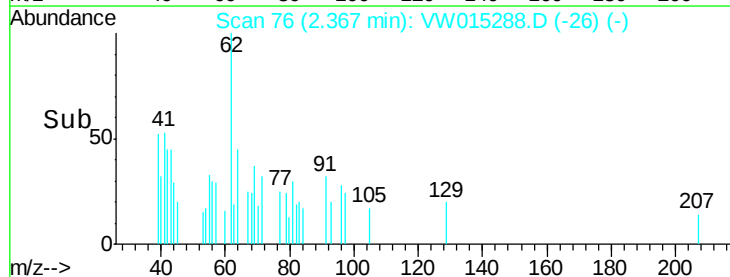
300

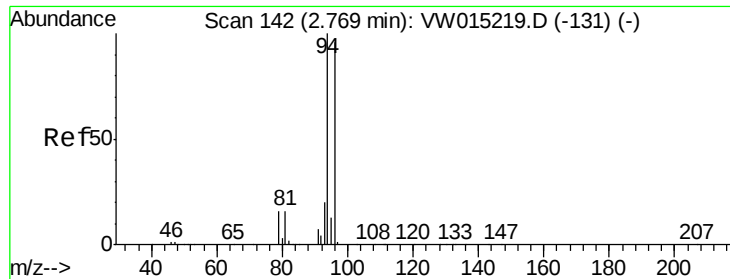
200

100

0

Time-->





#5

Bromomethane

Concen: 93.868 ug/l

RT: 2.79 min Scan# 145

Delta R.T. 0.02 min

Lab File: VW015288.D

Acq: 22 Apr 2020 03:10

Instrument :

MSVOA_W

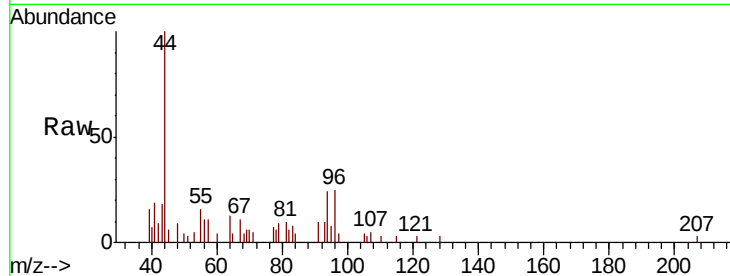
ClientSampleId :

Tot Ion: 94 Resp: 1039

Ion Ratio Lower Upper

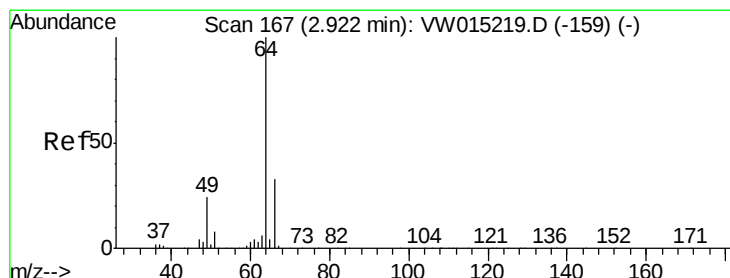
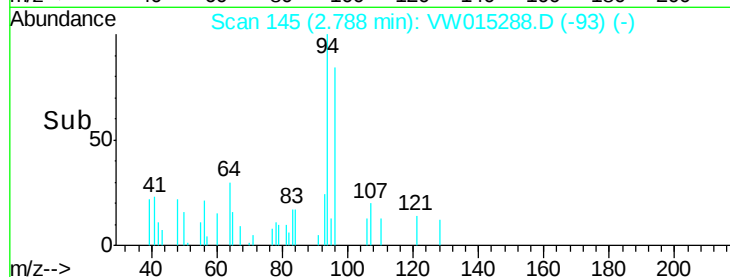
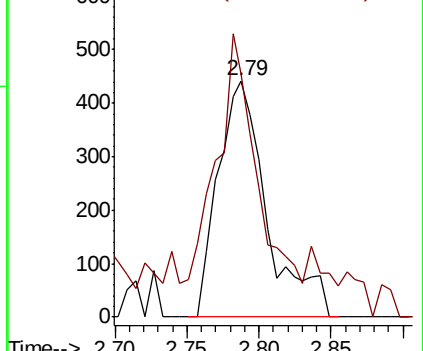
94 100

96 89.8 70.4 105.6



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 82.018 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.01 min

Lab File: VW015288.D

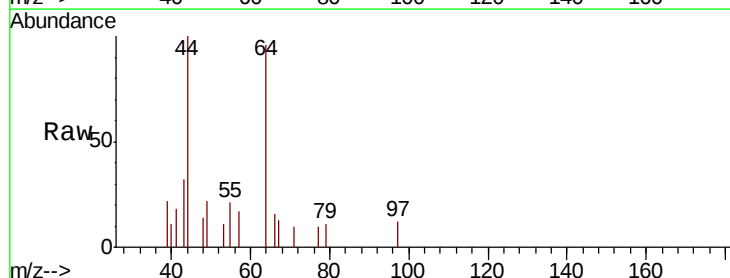
Acq: 22 Apr 2020 03:10

Tgt Ion: 64 Resp: 792

Ion Ratio Lower Upper

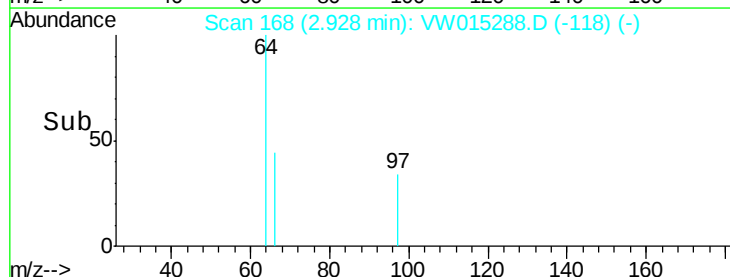
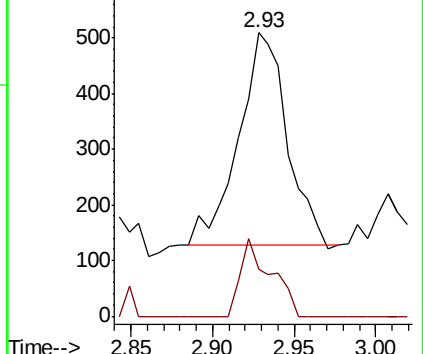
64 100

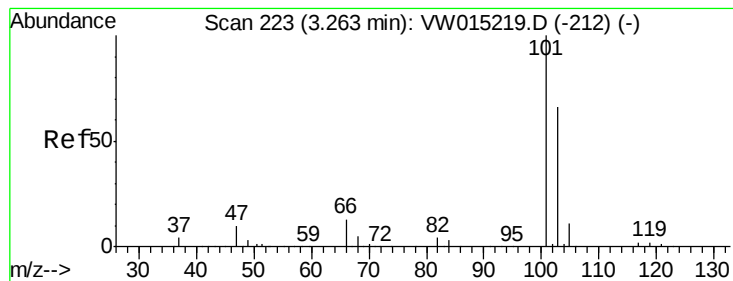
66 22.3 25.8 38.6#



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



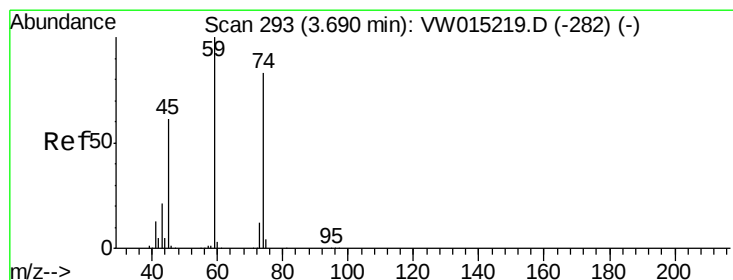
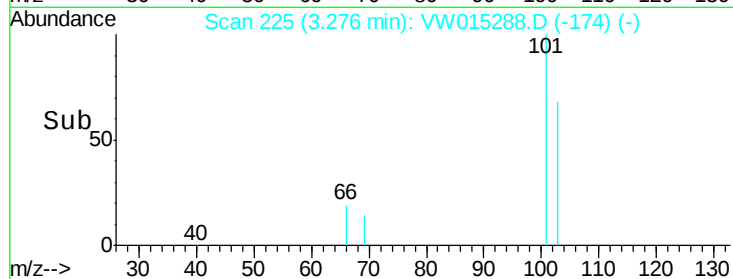
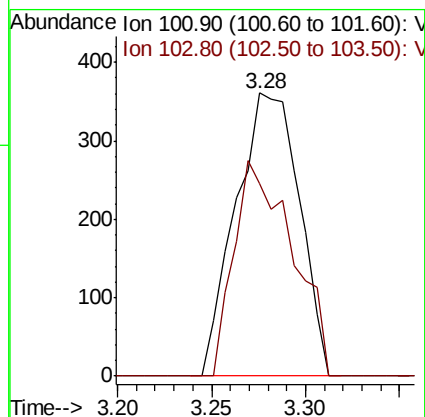
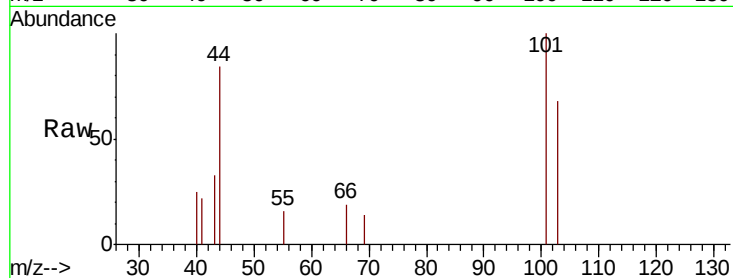


#7

Trichlorofluoromethane
Concen: 38.268 ug/l
RT: 3.28 min Scan# 225
Delta R.T. 0.01 min
Lab File: VW015288.D
Acq: 22 Apr 2020 03:10

Instrument :
MSVOA_W
ClientSampleId :

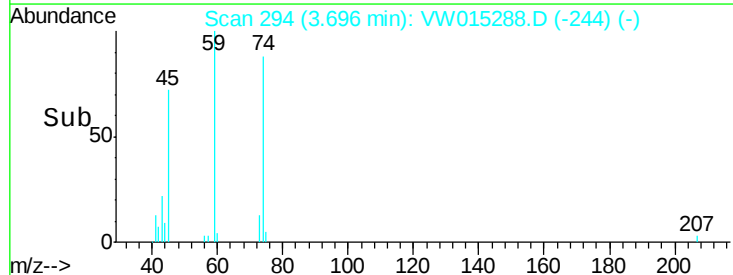
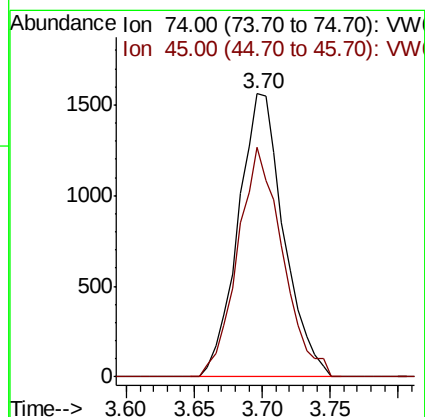
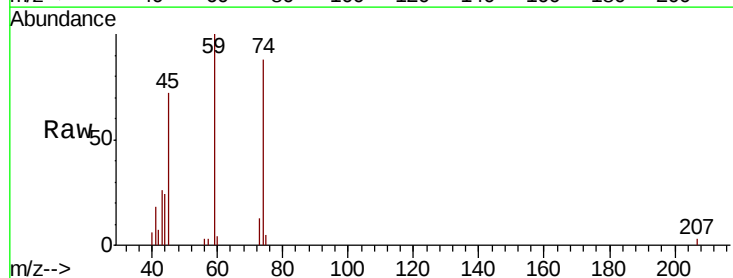
Tot Ion:101 Resp: 843
Ion Ratio Lower Upper
101 100
103 67.9 51.3 76.9

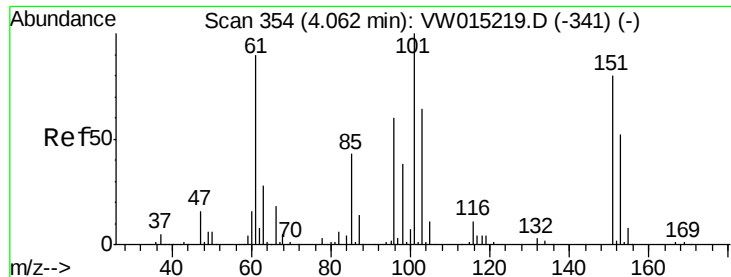


#8

Diethyl Ether
Concen: 589.496 ug/l
RT: 3.70 min Scan# 294
Delta R.T. 0.01 min
Lab File: VW015288.D
Acq: 22 Apr 2020 03:10

Tgt Ion: 74 Resp: 3645
Ion Ratio Lower Upper
74 100
45 80.1 45.5 136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.787 ug/l

RT: 4.07 min Scan# 356

Delta R.T. 0.01 min

Lab File: VW015288.D

Acq: 22 Apr 2020 03:10

Instrument :

MSVOA_W

ClientSampled :

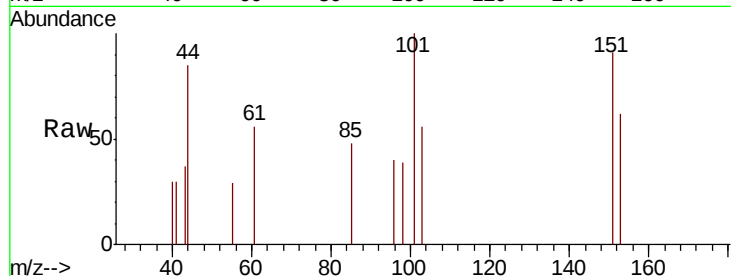
Tot Ion:101 Resp: 622

Ion Ratio Lower Upper

101 100

85 53.9 35.3 52.9#

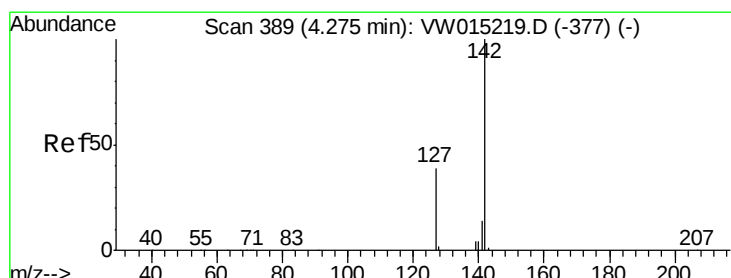
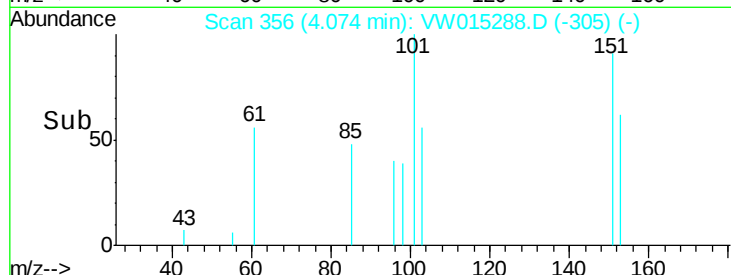
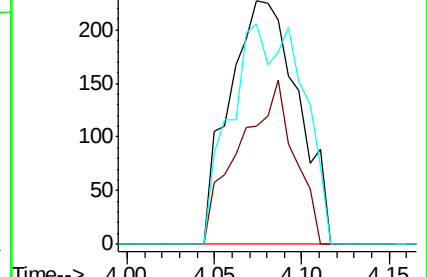
151 95.7 59.3 88.9#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 9.532 ug/l

RT: 4.29 min Scan# 391

Delta R.T. 0.01 min

Lab File: VW015288.D

Acq: 22 Apr 2020 03:10

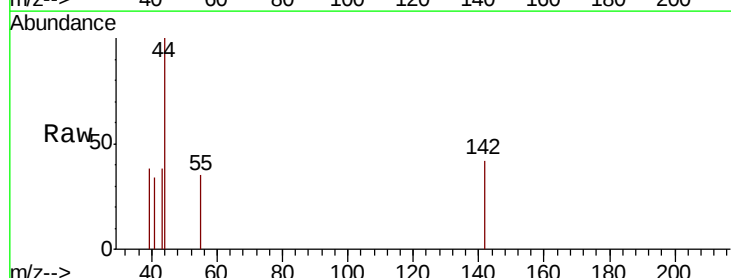
Tgt Ion:142 Resp: 136

Ion Ratio Lower Upper

142 100

127 0.0 33.9 50.9#

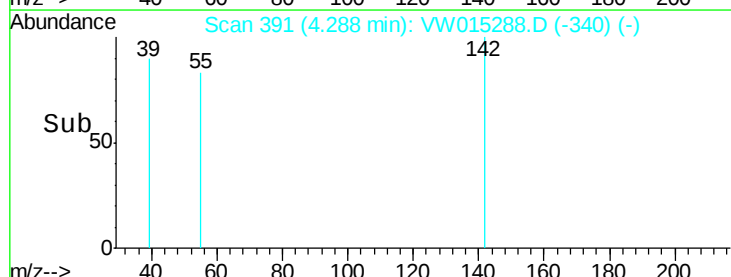
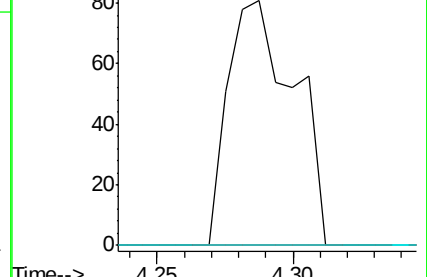
141 0.0 11.4 17.2#

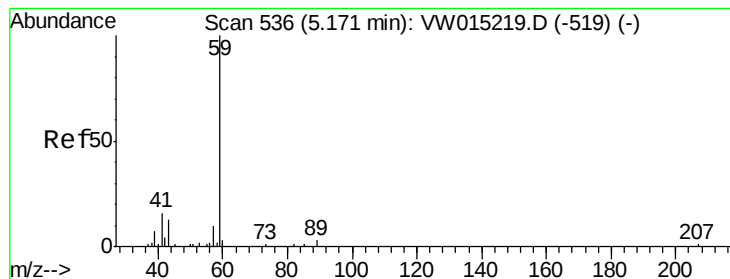


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



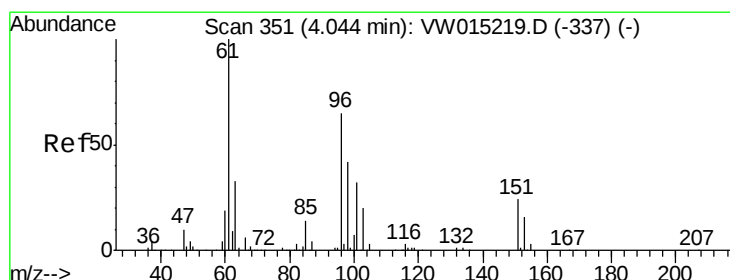
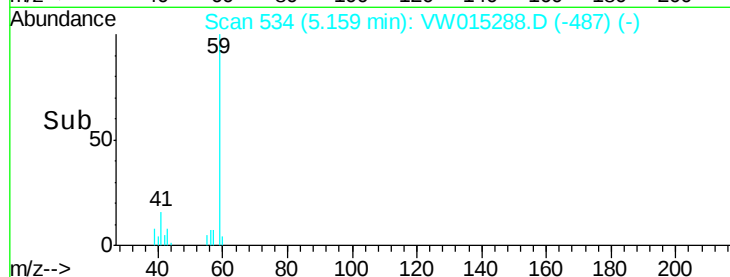
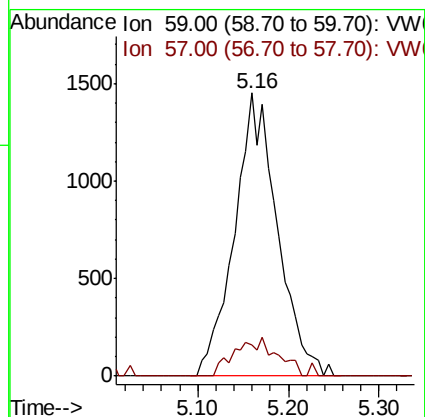
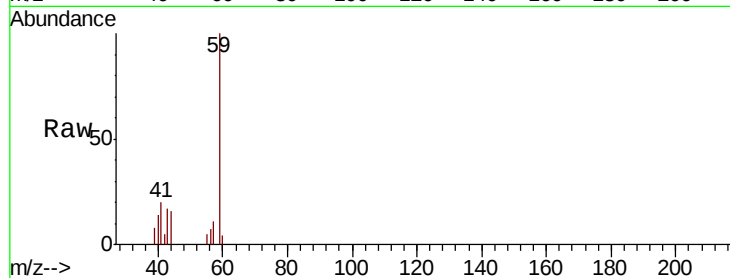


#11

Tert butyl alcohol
 Concen: 4658.015 ug/l
 RT: 5.16 min Scan# 534
 Delta R.T. -0.01 min
 Lab File: VW015288.D
 Acq: 22 Apr 2020 03:10

Instrument :
 MSVOA_W
 ClientSampleId :

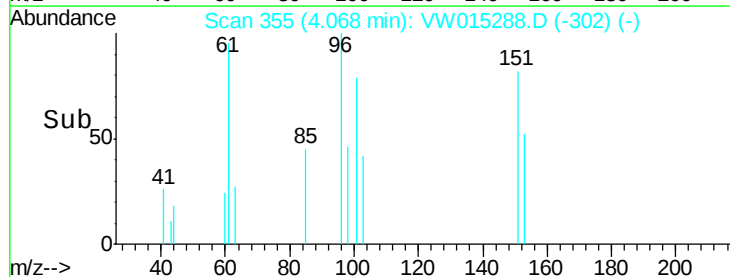
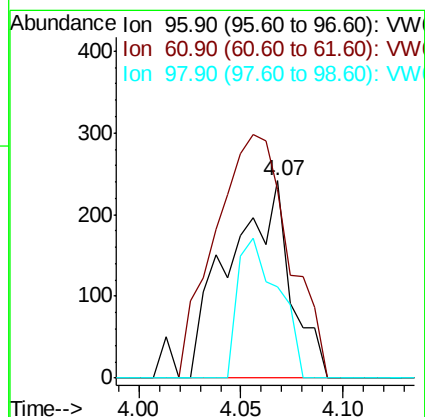
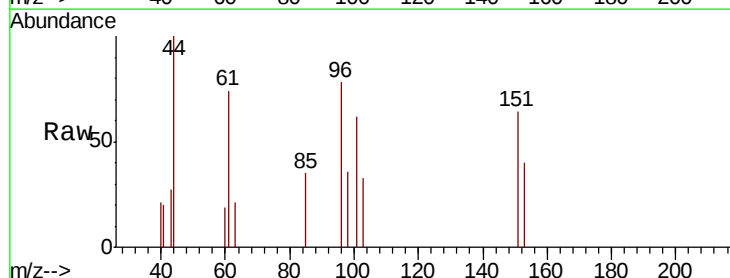
Tot Ion: 59 Resp: 4760
 Ion Ratio Lower Upper
 59 100
 57 7.5 8.4 12.6#

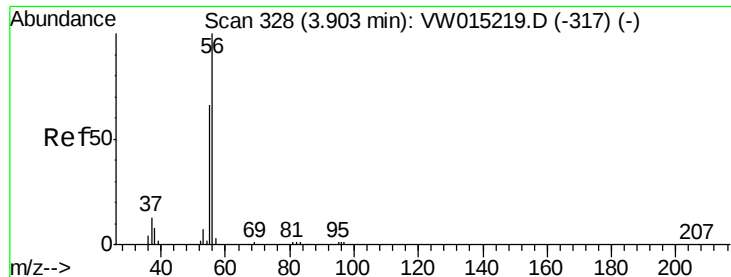


#12

1,1-Dichloroethene
 Concen: 38.239 ug/l
 RT: 4.07 min Scan# 355
 Delta R.T. 0.02 min
 Lab File: VW015288.D
 Acq: 22 Apr 2020 03:10

Tgt Ion: 96 Resp: 500
 Ion Ratio Lower Upper
 96 100
 61 95.4 127.0 190.4#
 98 46.1 51.0 76.4#





#13

Acrolein

Concen: 39.263 ug/l

RT: 4.04 min Scan# 351

Delta R.T. 0.14 min

Lab File: VW015288.D

Acq: 22 Apr 2020 03:10

Instrument :

MSVOA_W

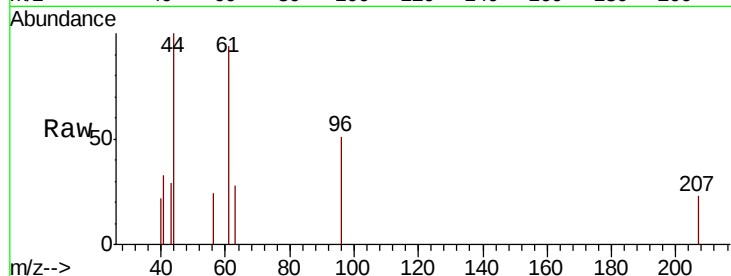
ClientSampleId :

Tot Ion: 56 Resp: 21

Ion Ratio Lower Upper

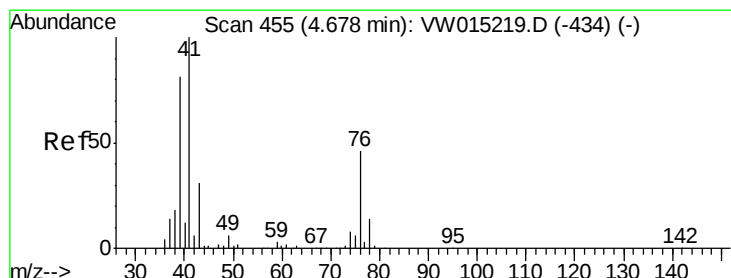
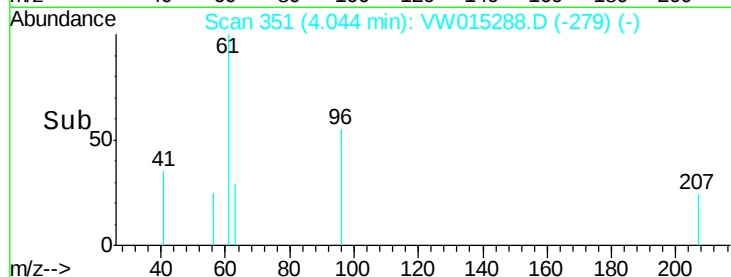
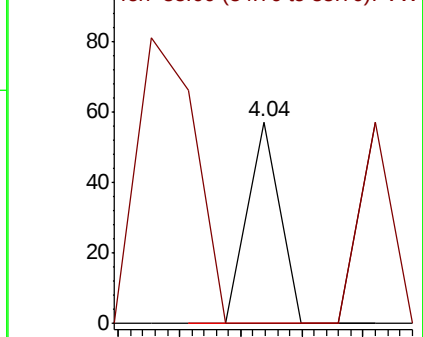
56 100

55 257.1 56.2 84.2#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 52.576 ug/l

RT: 4.63 min Scan# 447

Delta R.T. -0.05 min

Lab File: VW015288.D

Acq: 22 Apr 2020 03:10

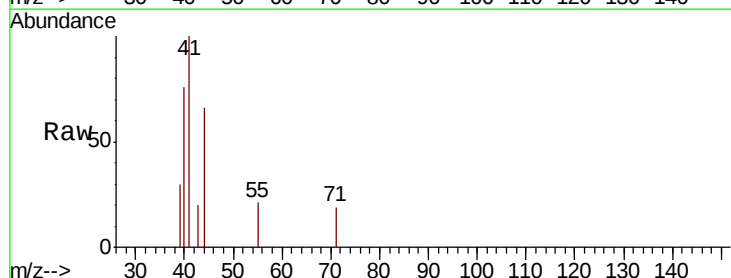
Tgt Ion: 41 Resp: 912

Ion Ratio Lower Upper

41 100

39 22.0 54.0 81.0#

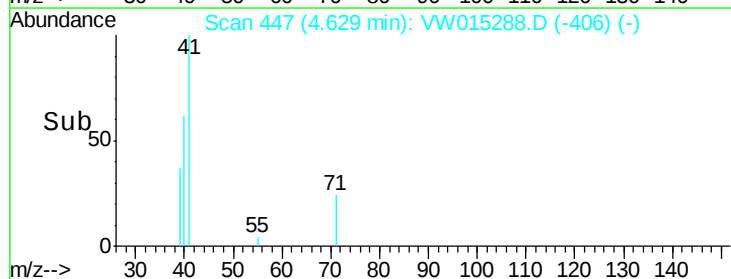
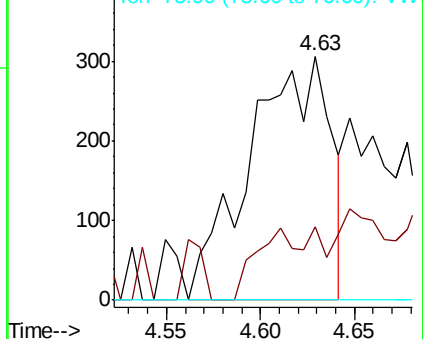
76 0.0 31.8 47.6#

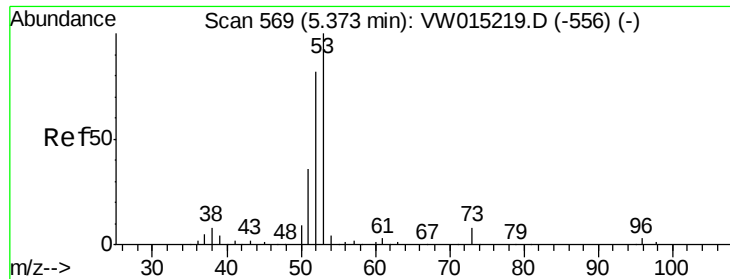


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 2697.325 ug/l

RT: 5.38 min Scan# 571

Delta R.T. 0.01 min

Lab File: VW015288.D

Acq: 22 Apr 2020 03:10

Instrument :

MSVOA_W

ClientSampled :

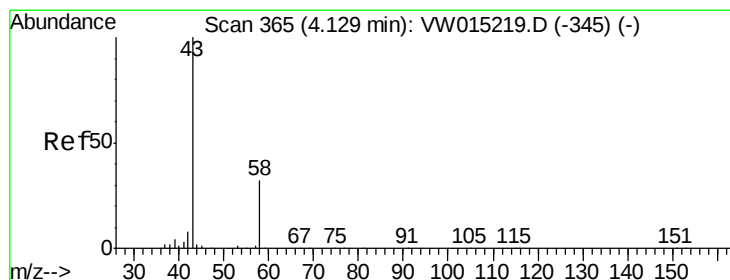
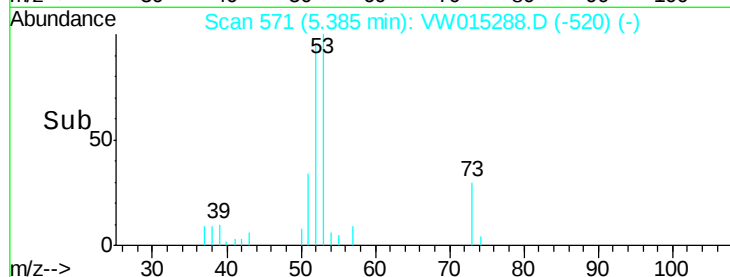
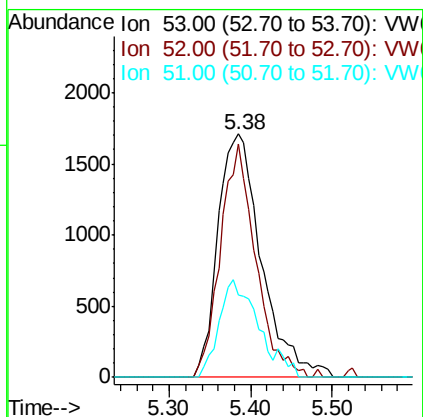
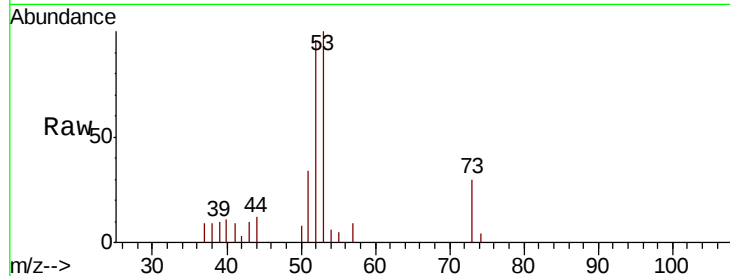
Tot Ion: 53 Resp: 6347

Ion Ratio Lower Upper

53 100

52 77.3 65.2 97.8

51 36.3 28.2 42.4



#16

Acetone

Concen: 4858.934 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.00 min

Lab File: VW015288.D

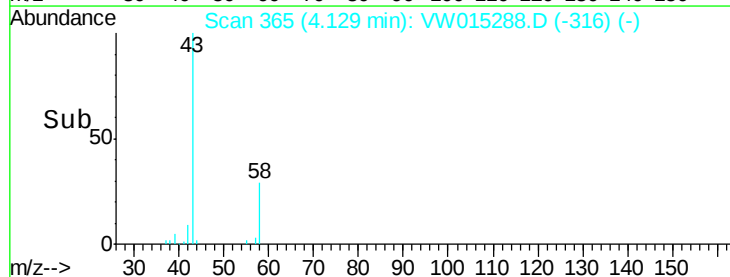
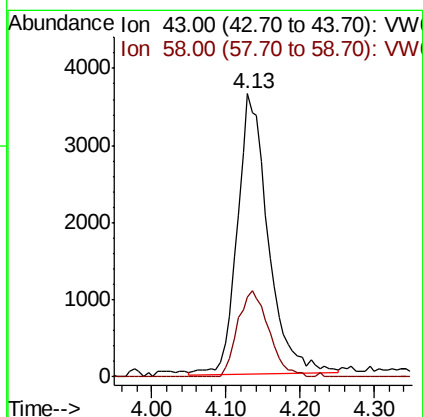
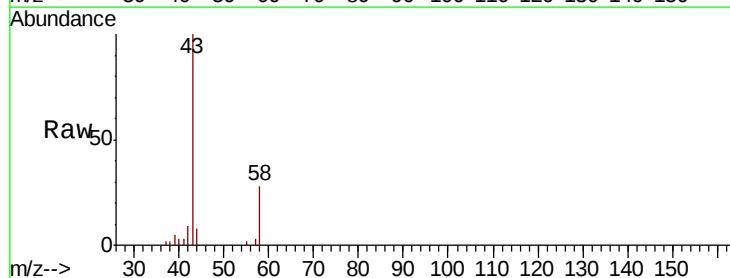
Acq: 22 Apr 2020 03:10

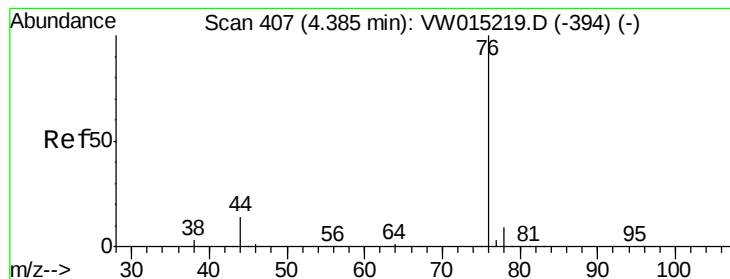
Tgt Ion: 43 Resp: 10639

Ion Ratio Lower Upper

43 100

58 28.8 27.0 40.4





#17

Carbon Disulfide

Concen: 31.088 ug/l

RT: 4.40 min Scan# 409

Delta R.T. 0.01 min

Lab File: VW015288.D

Acq: 22 Apr 2020 03:10

Instrument :

MSVOA_W

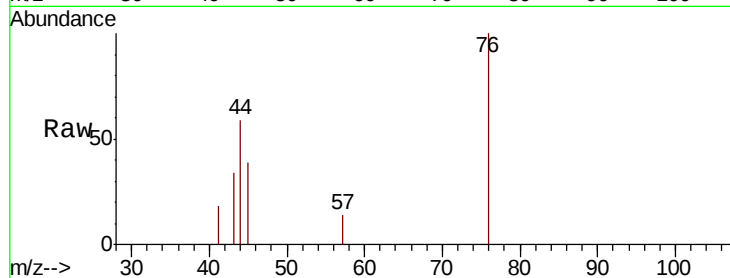
ClientSampleId :

Tot Ion: 76 Resp: 1208

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.40

400

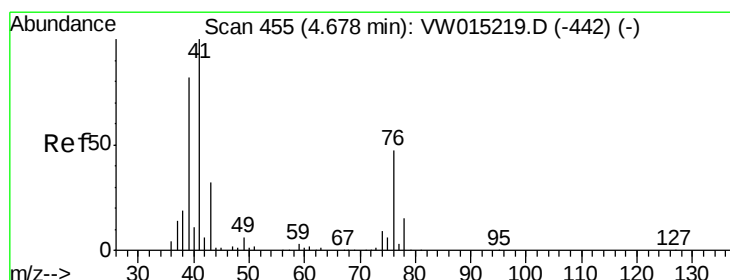
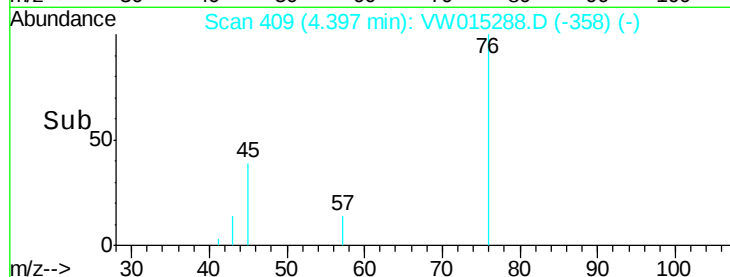
300

200

100

0

Time--> 4.30 4.35 4.40 4.45



#18

Methyl Acetate

Concen: 1368.572 ug/l

RT: 4.69 min Scan# 457

Delta R.T. 0.01 min

Lab File: VW015288.D

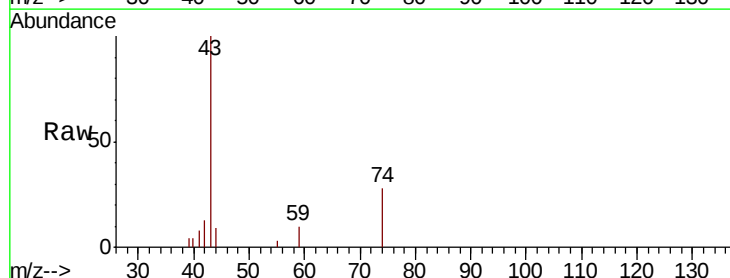
Acq: 22 Apr 2020 03:10

Tgt Ion: 43 Resp: 7932

Ion Ratio Lower Upper

43 100

74 24.6 20.6 31.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.69

2500

2000

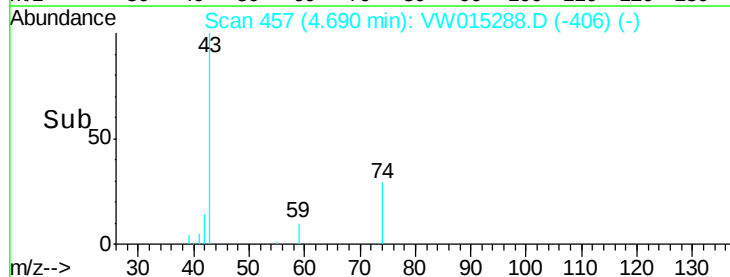
1500

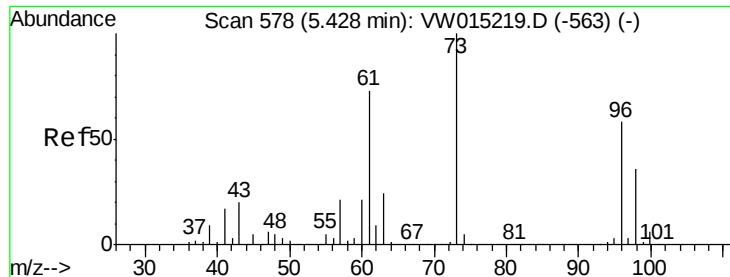
1000

500

0

Time--> 4.50 4.60 4.70 4.80

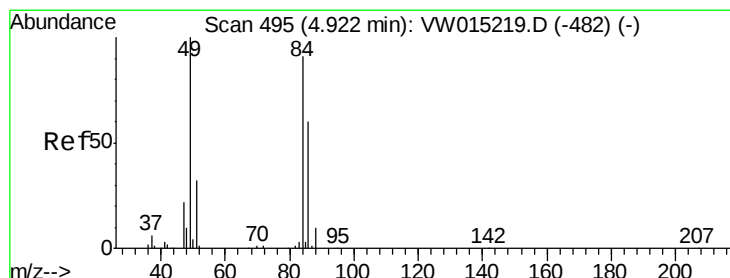
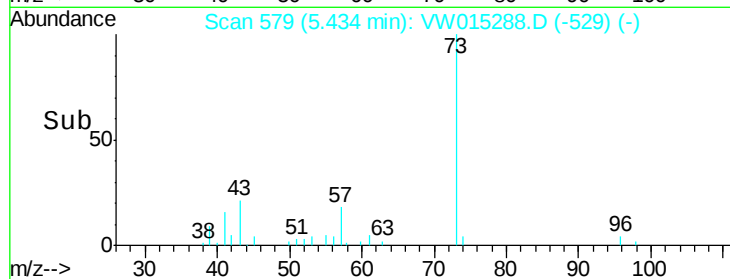
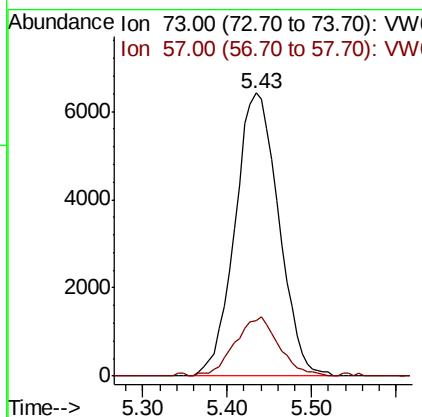
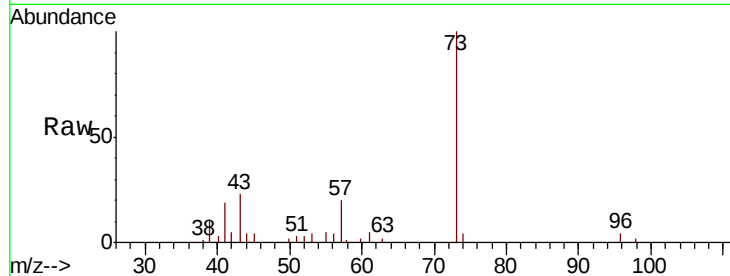




#19
Methvl tert-butvl Ether
Concen: 752.791 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.01 min
Lab File: VW015288.D
Acq: 22 Apr 2020 03:10

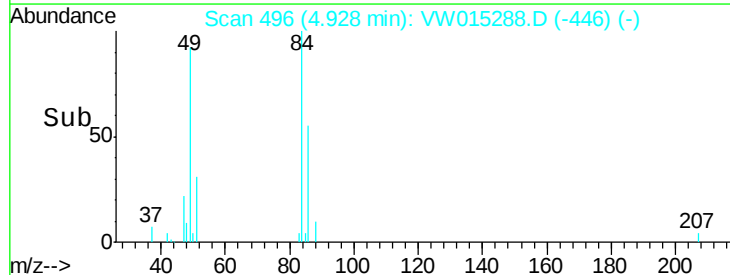
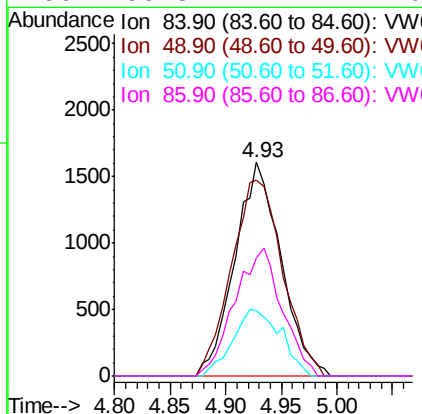
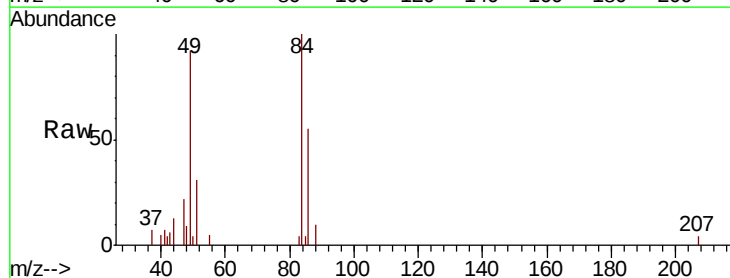
Instrument :
MSVOA_W
ClientSampleId :

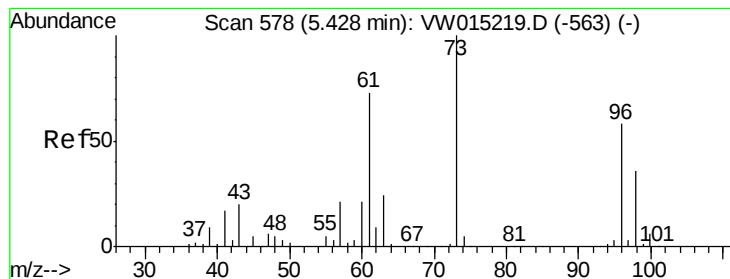
Tot Ion: 73 Resp: 22596
Ion Ratio Lower Upper
73 100
57 19.6 17.8 26.6



#20
Methylene Chloride
Concen: 322.925 ug/l
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW015288.D
Acq: 22 Apr 2020 03:10

Tgt Ion: 84 Resp: 4634
Ion Ratio Lower Upper
84 100
49 91.6 95.4 143.0#
51 30.6 29.8 44.8
86 55.3 47.4 71.0





#21

trans-1,2-Dichloroethene

Concen: 48.417 ug/l

RT: 5.44 min Scan# 580

Delta R.T. 0.01 min

Lab File: VW015288.D

Acq: 22 Apr 2020 03:10

Instrument :

MSVOA_W

ClientSampleId :

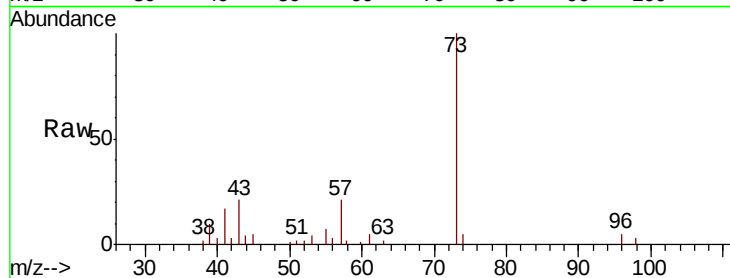
Tot Ion: 96 Resp: 718

Ion Ratio Lower Upper

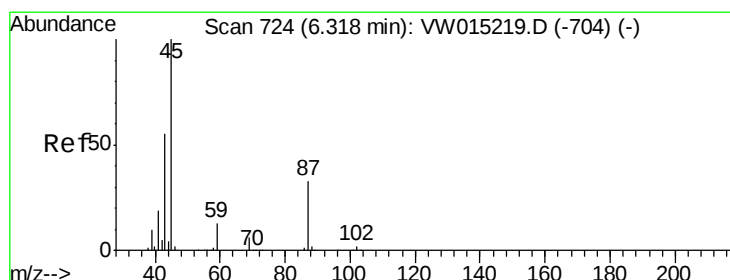
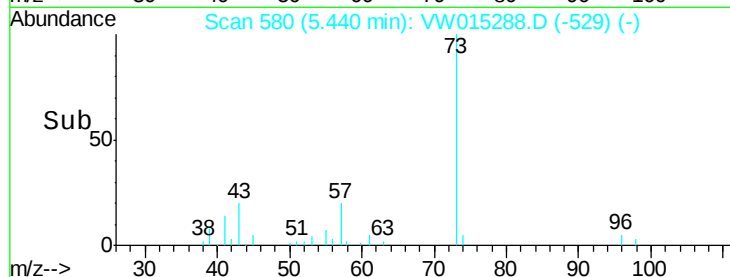
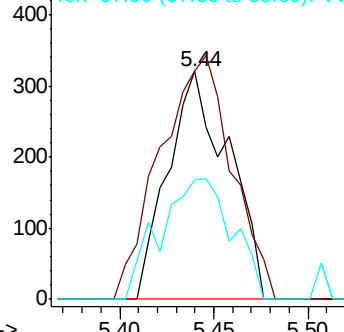
96 100

61 100.0 107.8 161.6#

98 52.5 50.2 75.2



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: 494.392 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.00 min

Lab File: VW015288.D

Acq: 22 Apr 2020 03:10

Tgt Ion: 45 Resp: 16452

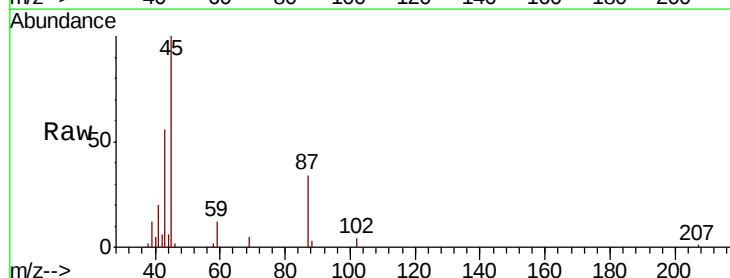
Ion Ratio Lower Upper

45 100

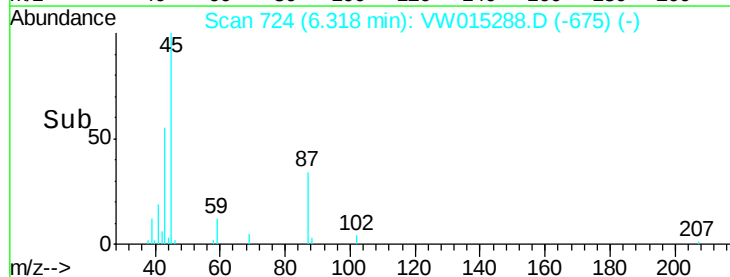
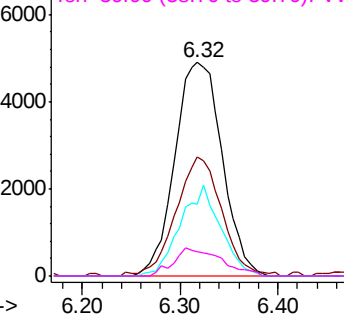
43 54.0 41.8 62.6

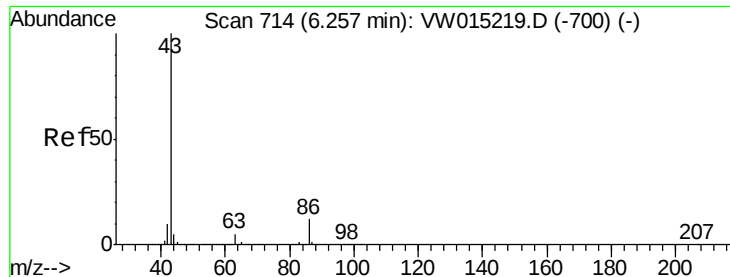
87 33.8 23.2 34.8

59 11.6 9.6 14.4



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: 455.247 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.06 min

Lab File: VW015288.D

Acq: 22 Apr 2020 03:10

Instrument :

MSVOA_W

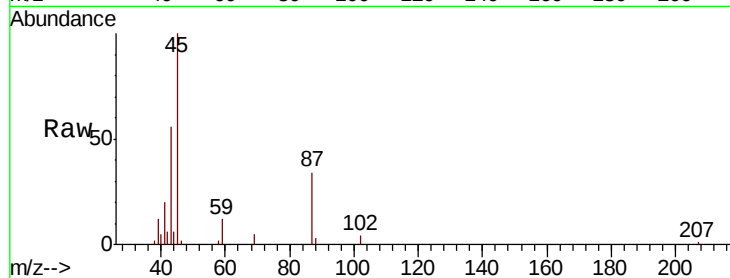
ClientSampleId :

Tot Ion: 43 Resp: 8890

Ion Ratio Lower Upper

43 100

86 0.0 9.1 13.7#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.32

3000

2500

2000

1500

1000

500

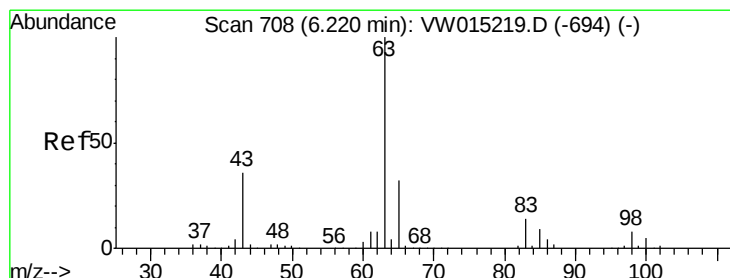
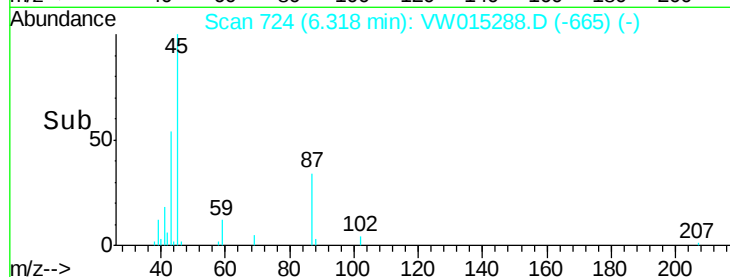
0

6.20

6.30

6.40

Time-->



#24

1,1-Dichloroethane

Concen: 153.017 ug/l

RT: 6.23 min Scan# 709

Delta R.T. 0.01 min

Lab File: VW015288.D

Acq: 22 Apr 2020 03:10

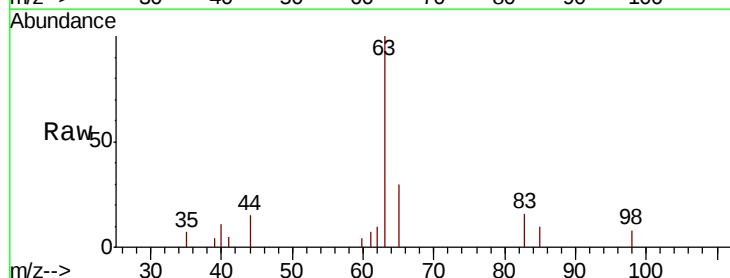
Tgt Ion: 63 Resp: 3529

Ion Ratio Lower Upper

63 100

98 7.9 3.6 10.9

100 0.0 2.4 7.2#



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

1500

1000

500

0

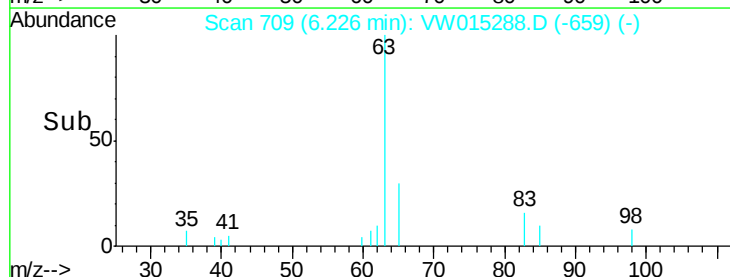
6.15

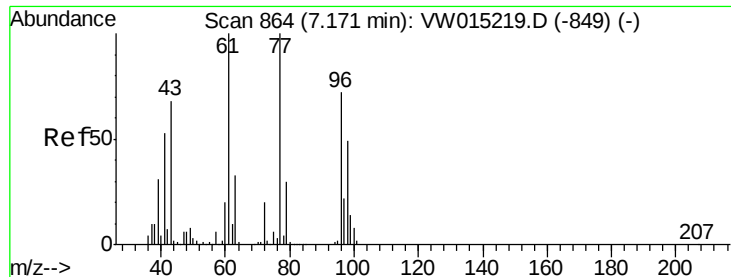
6.20

6.25

6.30

Time-->





#25

2-Butanone

Concen: 1353.882 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW015288.D

Acq: 22 Apr 2020 03:10

Instrument :

MSVOA_W

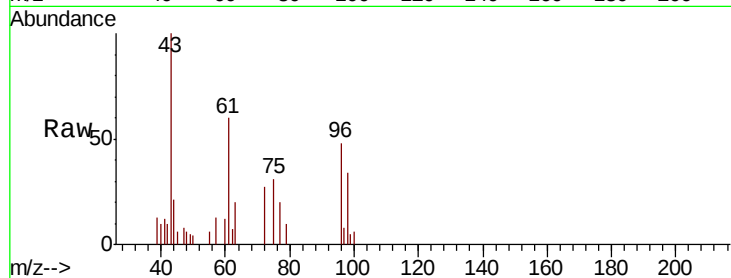
ClientSampled :

Tot Ion: 43 Resp: 3933

Ion Ratio Lower Upper

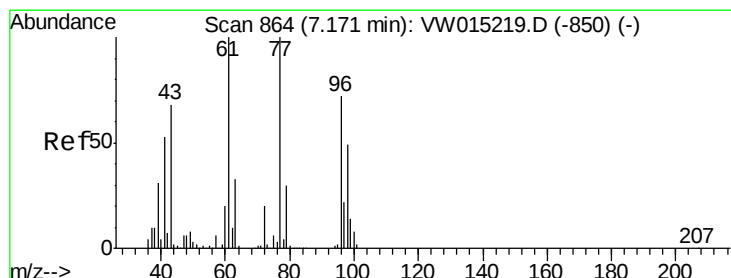
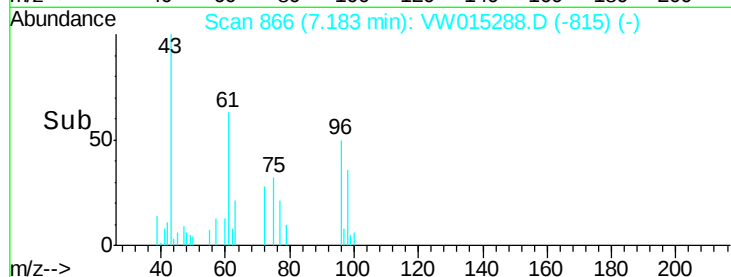
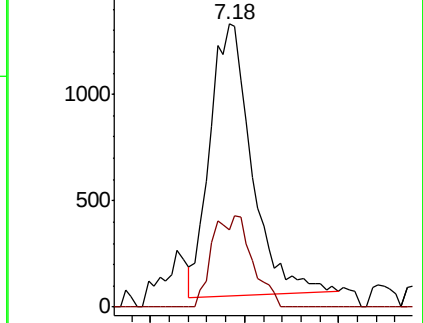
43 100

72 28.8 21.6 32.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 67.840 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW015288.D

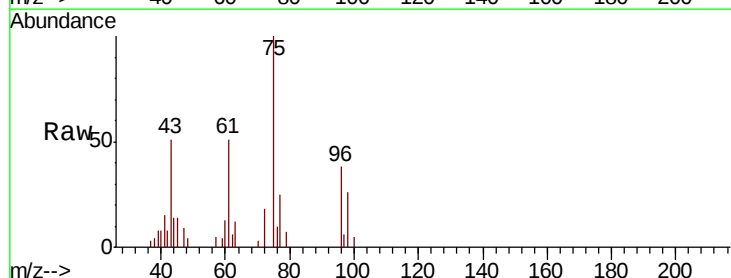
Acq: 22 Apr 2020 03:10

Tgt Ion: 77 Resp: 1646

Ion Ratio Lower Upper

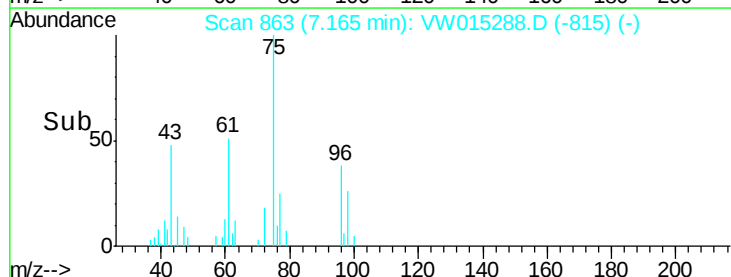
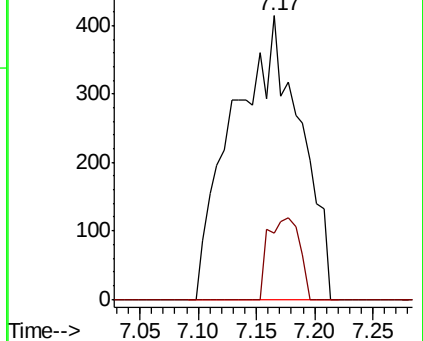
77 100

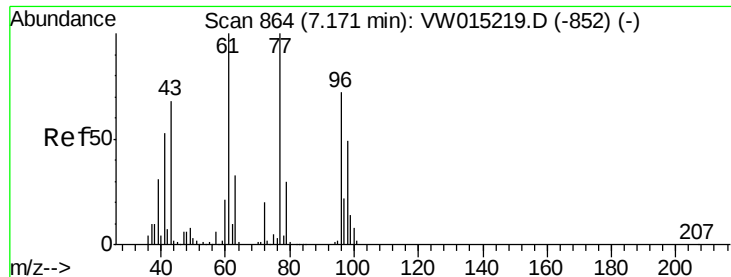
97 13.4 11.9 35.5



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW

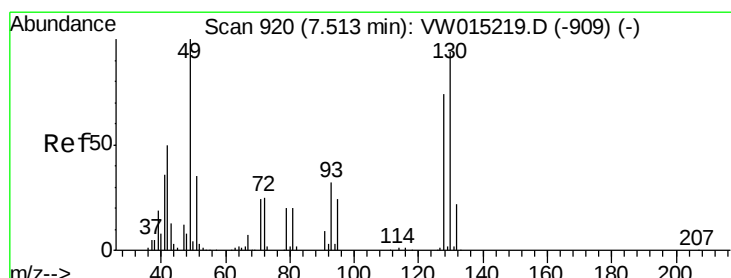
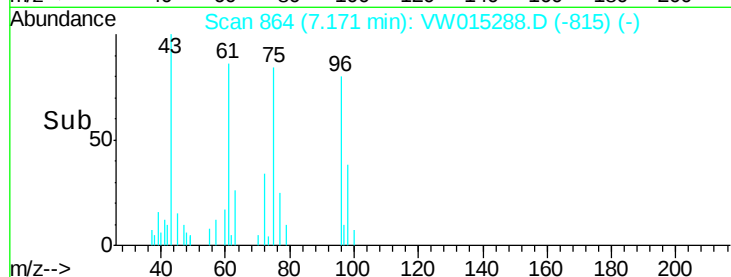
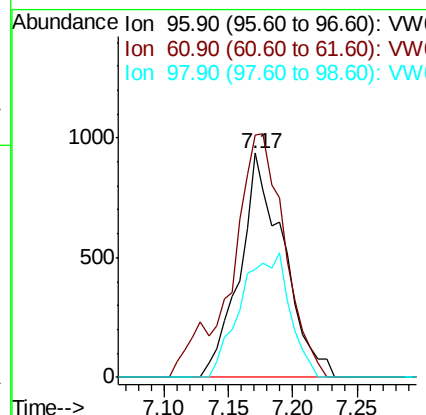
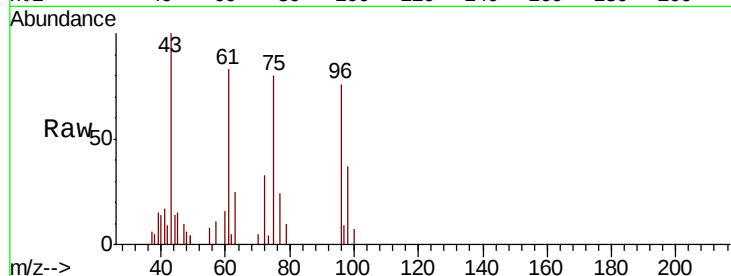




#27
 cis-1,2-Dichloroethene
 Concen: 138.665 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW015288.D
 Acq: 22 Apr 2020 03:10

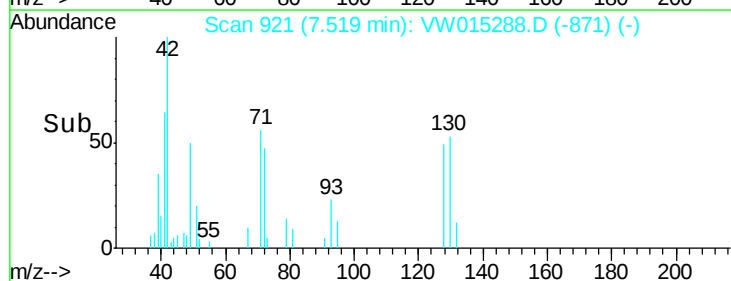
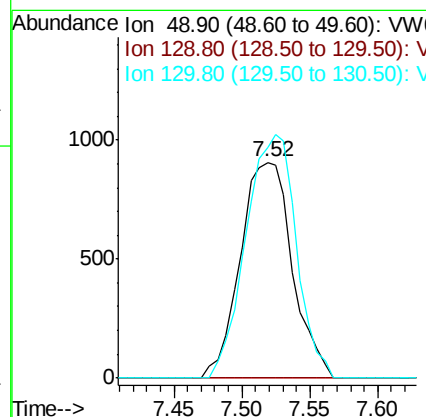
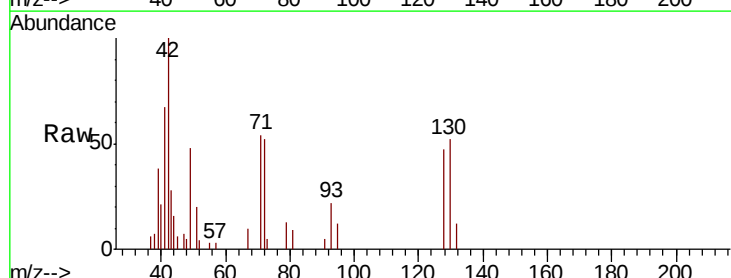
Instrument :
 MSVOA_W
 ClientSampleId :

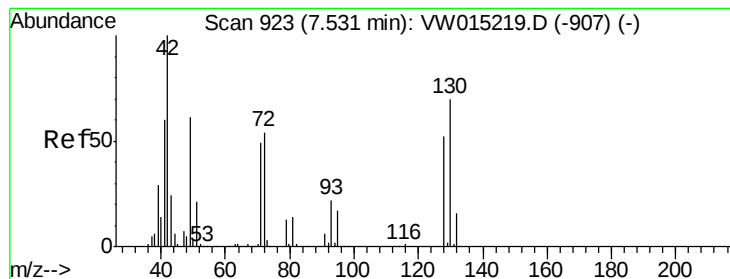
Tot Ion: 96 Resp: 2220
 Ion Ratio Lower Upper
 96 100
 61 130.7 0.0 275.0
 98 61.8 0.0 130.8



#28
 Bromochloromethane
 Concen: 288.725 ug/l
 RT: 7.52 min Scan# 921
 Delta R.T. 0.01 min
 Lab File: VW015288.D
 Acq: 22 Apr 2020 03:10

Tgt Ion: 49 Resp: 2421
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.6
 130 109.1 60.9 91.3#





#29

Tetrahydrofuran

Concen: 4547.887 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW015288.D

Acq: 22 Apr 2020 03:10

Instrument :

MSVOA_W

ClientSampled :

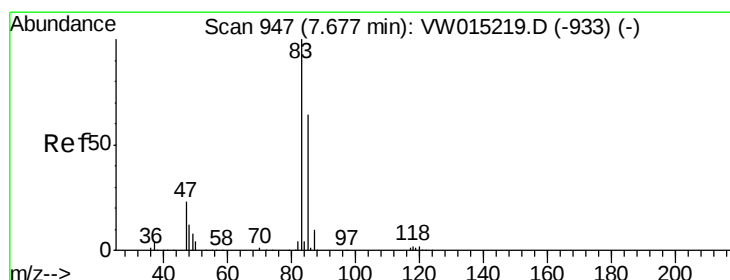
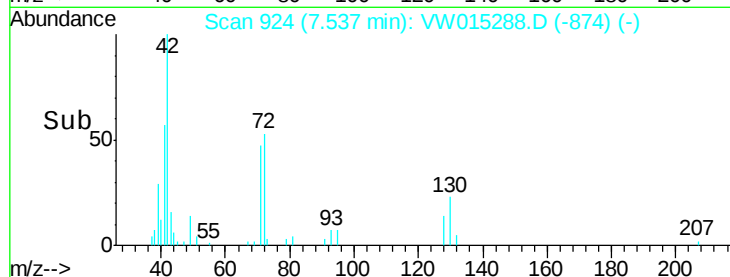
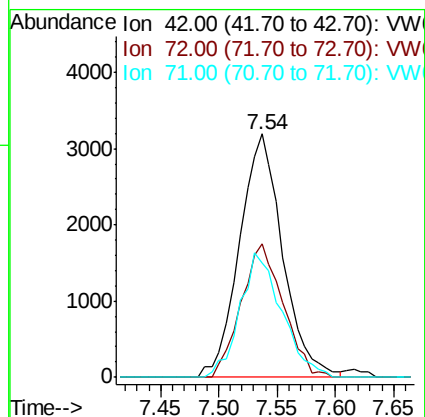
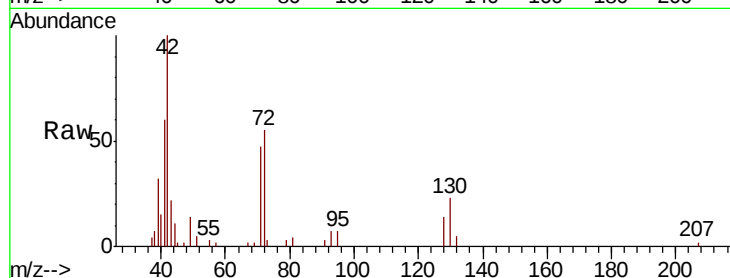
Tot Ion: 42 Resp: 8231

Ion Ratio Lower Upper

42 100

72 53.3 36.2 54.2

71 49.7 34.2 51.4



#30

Chloroform

Concen: 200.834 ug/l

RT: 7.68 min Scan# 948

Delta R.T. 0.01 min

Lab File: VW015288.D

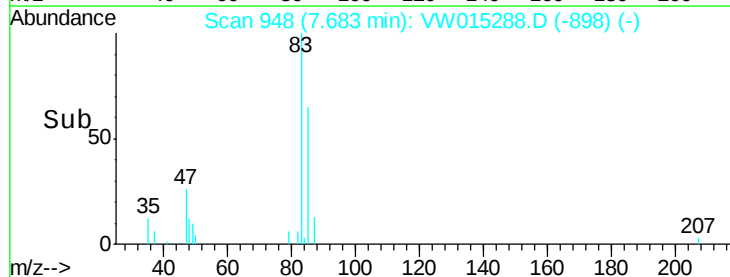
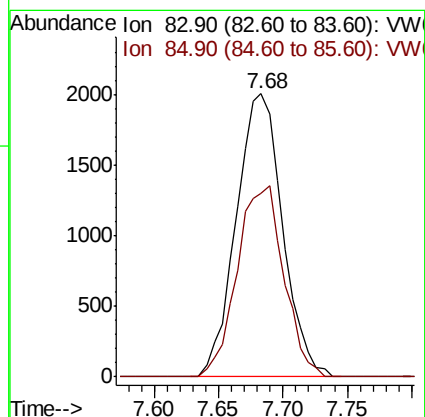
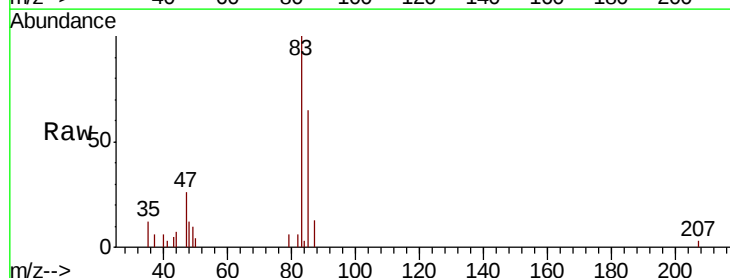
Acq: 22 Apr 2020 03:10

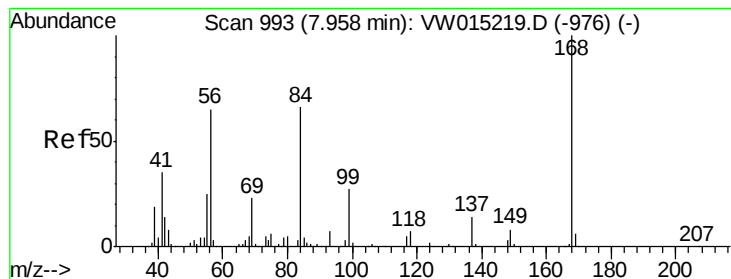
Tgt Ion: 83 Resp: 4999

Ion Ratio Lower Upper

83 100

85 65.0 50.9 76.3





#31

Cyclohexane

Concen: 49.088 ug/l

RT: 7.96 min Scan# 994

Delta R.T. 0.01 min

Lab File: VW015288.D

Acq: 22 Apr 2020 03:10

Instrument :

MSVOA_W

ClientSampleId :

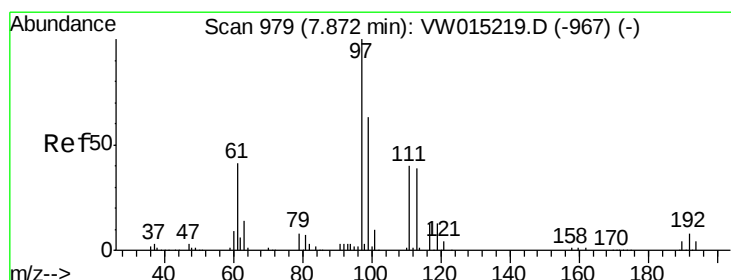
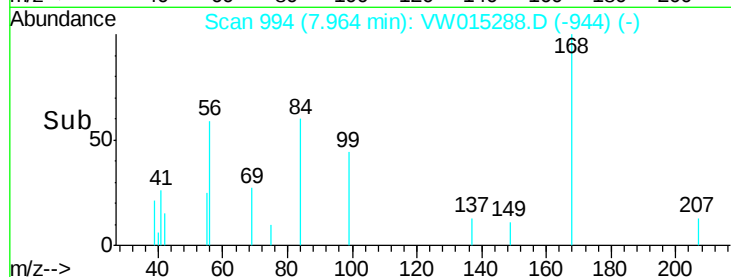
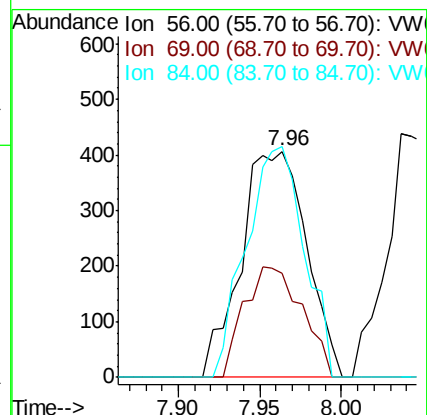
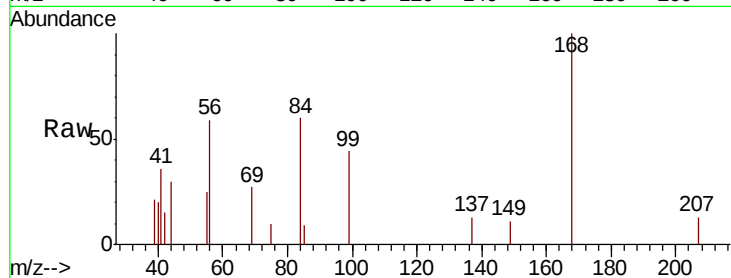
Tot Ion: 56 Resp: 1138

Ion Ratio Lower Upper

56 100

69 46.2 27.1 40.7#

84 102.0 71.9 107.9



#32

1,1,1-Trichloroethane

Concen: 89.330 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW015288.D

Acq: 22 Apr 2020 03:10

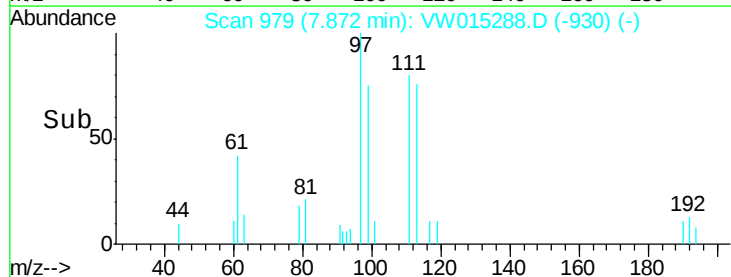
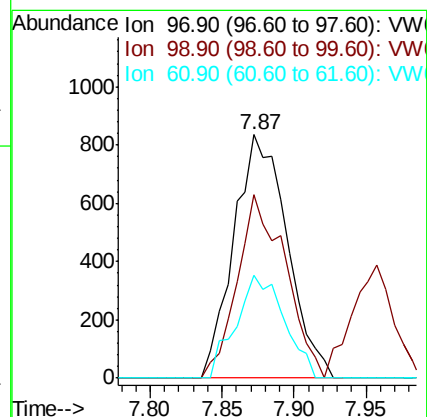
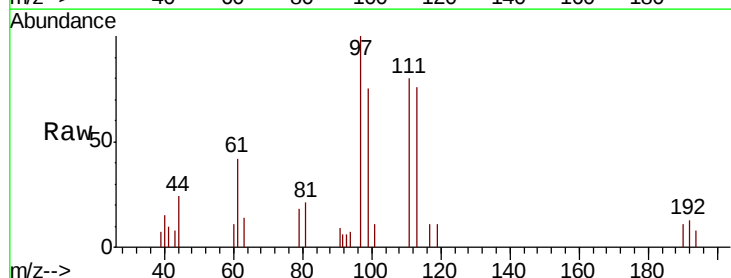
Tgt Ion: 97 Resp: 2146

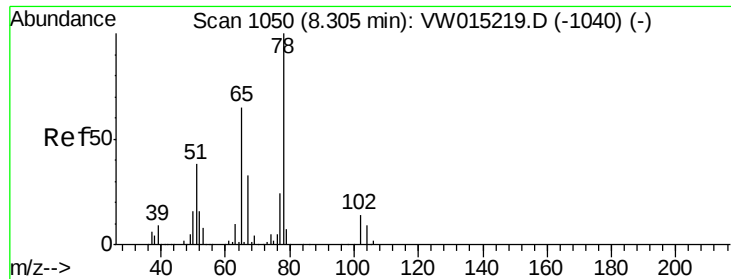
Ion Ratio Lower Upper

97 100

99 68.0 52.2 78.2

61 38.4 34.2 51.2

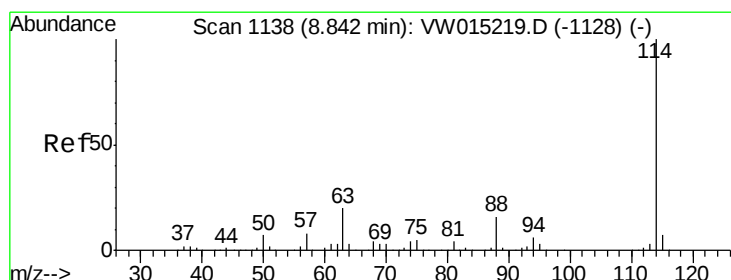
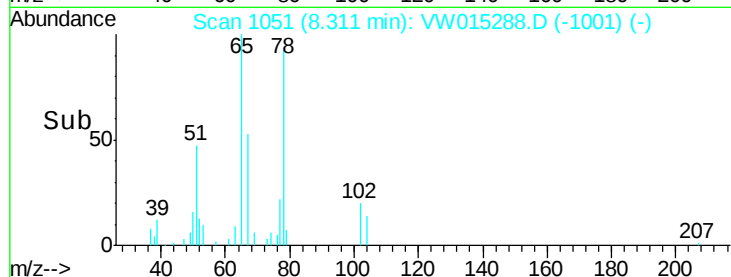
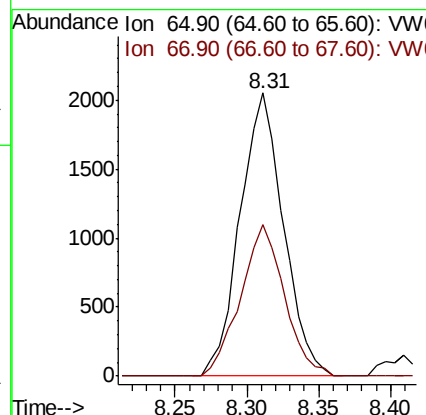
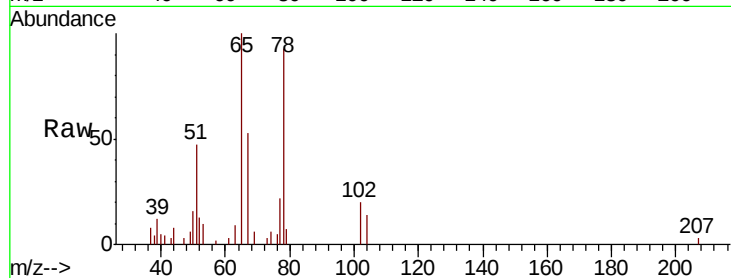




#33
 1,2-Dichloroethane-d4
 Concen: 341.096 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: VW015288.D
 Acq: 22 Apr 2020 03:10

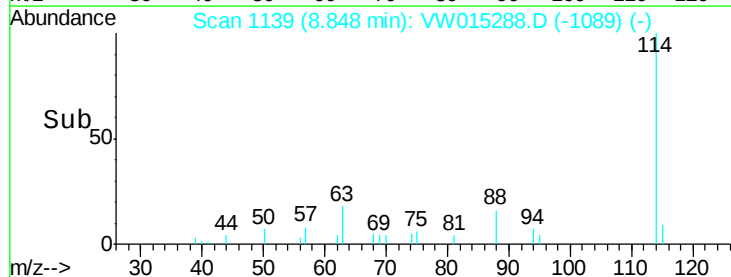
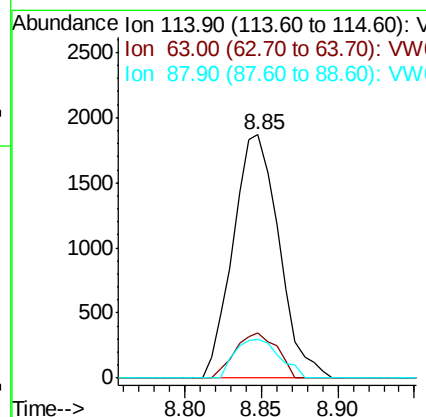
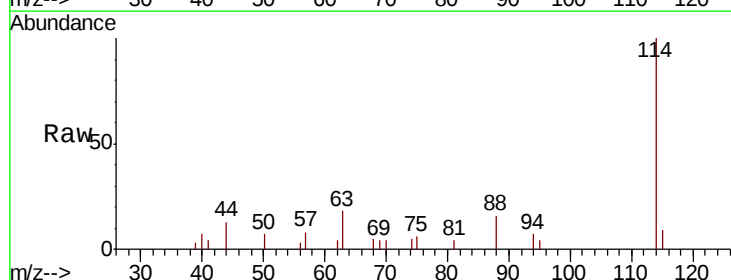
Instrument :
 MSVOA_W
 ClientSampleId :

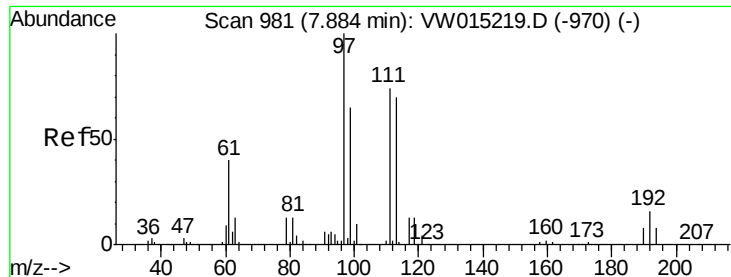
Tot Ion: 65 Resp: 4276
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW015288.D
 Acq: 22 Apr 2020 03:10

Tgt Ion: 114 Resp: 3904
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 39.8
 88 15.8 0.0 30.2

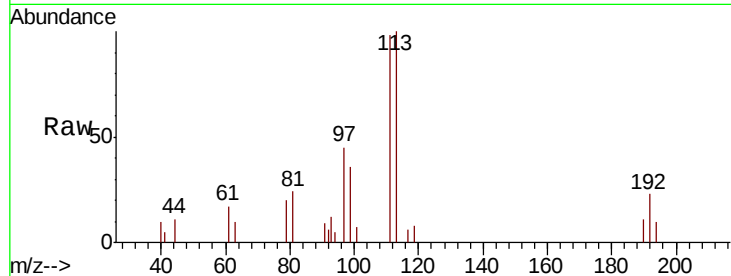




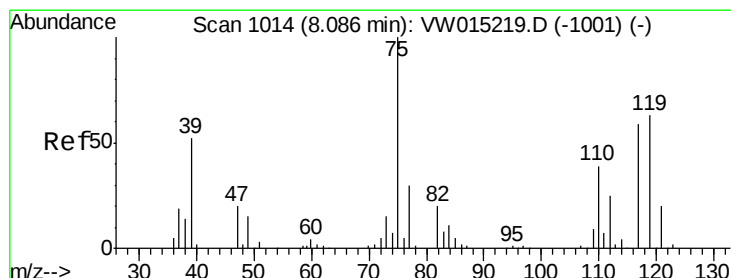
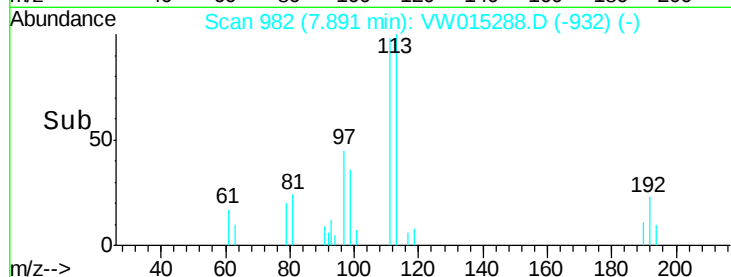
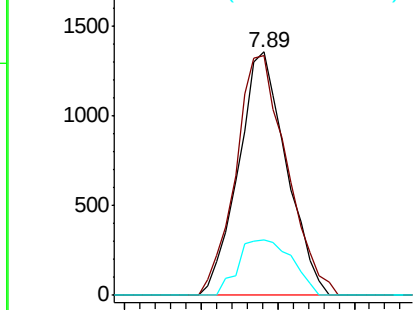
#35
 Dibromofluoromethane
 Concen: 136.278 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW015288.D
 Acq: 22 Apr 2020 03:10

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:113 Resp: 2947
 Ion Ratio Lower Upper
 113 100
 111 105.3 83.0 124.4
 192 25.6 15.1 22.7#

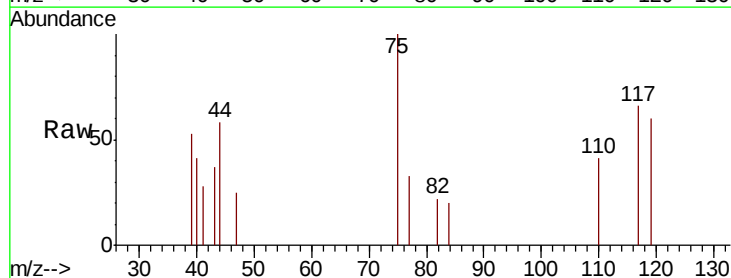


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

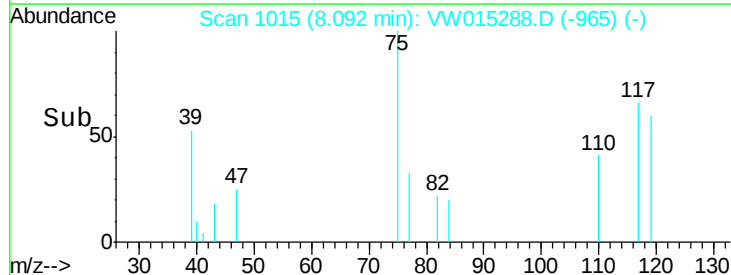
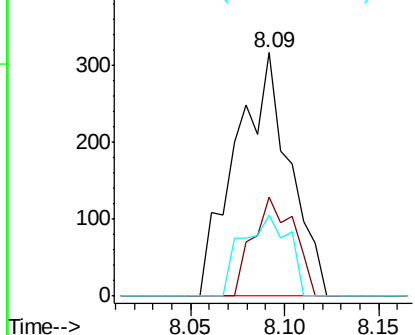


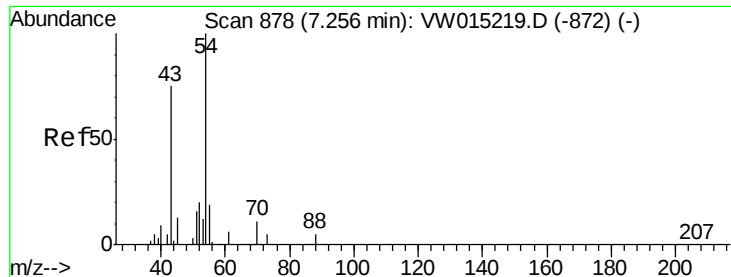
#36
 1,1-Dichloropropene
 Concen: 17.823 ug/l
 RT: 8.09 min Scan# 1015
 Delta R.T. 0.01 min
 Lab File: VW015288.D
 Acq: 22 Apr 2020 03:10

Tgt Ion: 75 Resp: 628
 Ion Ratio Lower Upper
 75 100
 110 30.9 18.2 54.6
 77 28.8 24.5 36.7



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW

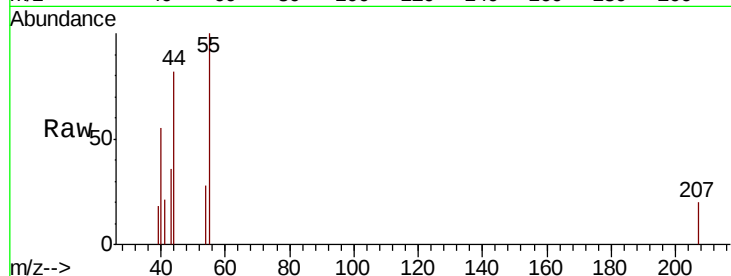




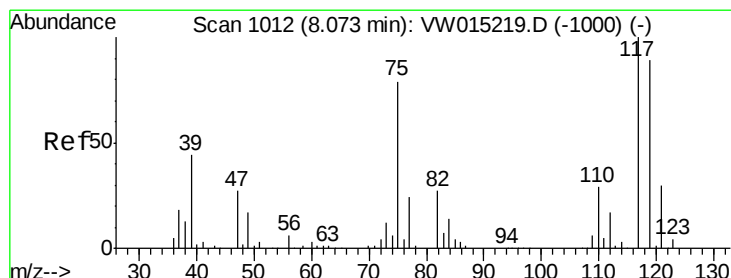
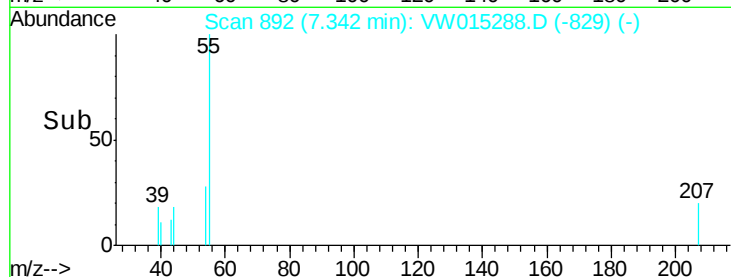
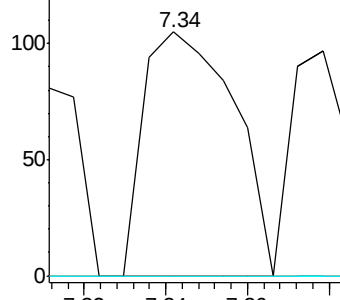
#37
Ethyl Acetate
Concen: 14.166 ug/l
RT: 7.34 min Scan# 892
Delta R.T. 0.09 min
Lab File: VW015288.D
Acq: 22 Apr 2020 03:10

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 162
Ion Ratio Lower Upper
43 100
61 0.0 11.9 17.9#
70 0.0 8.8 13.2#

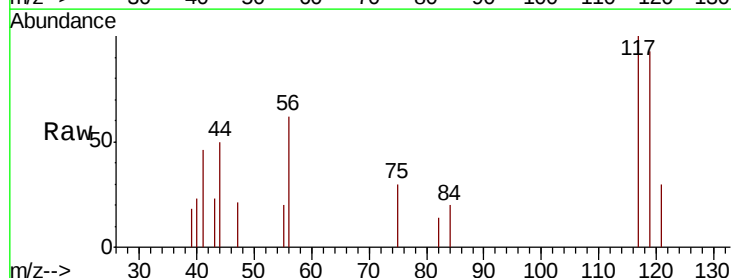


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW

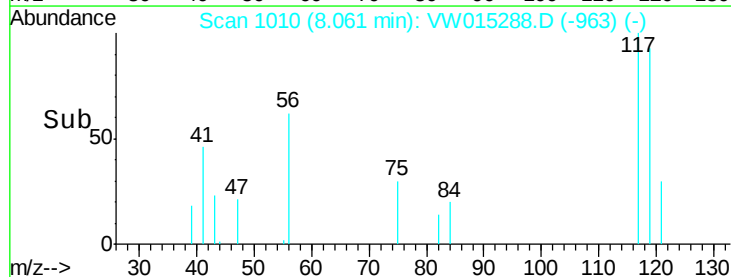
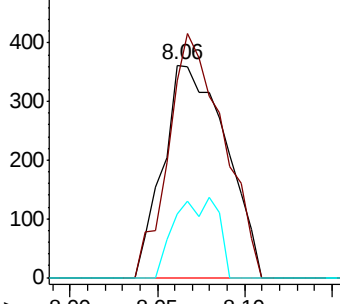


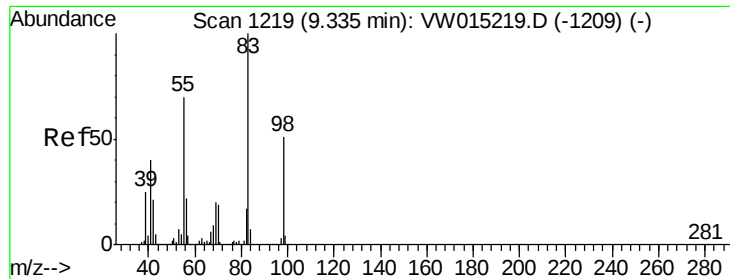
#38
Carbon Tetrachloride
Concen: 23.633 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW015288.D
Acq: 22 Apr 2020 03:10

Tgt Ion: 117 Resp: 910
Ion Ratio Lower Upper
117 100
119 92.5 72.3 108.5
121 29.8 23.7 35.5



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

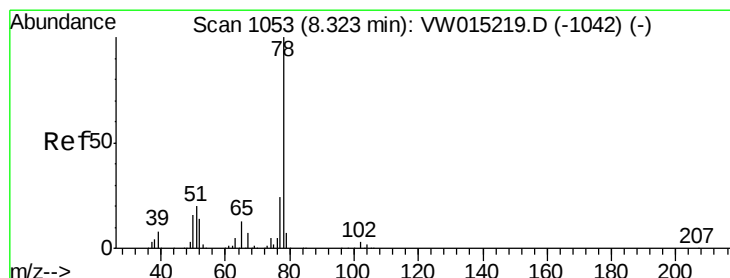
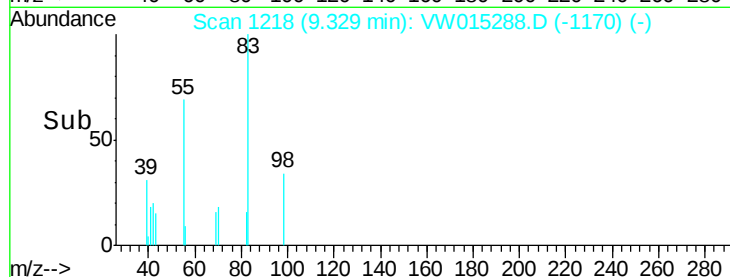
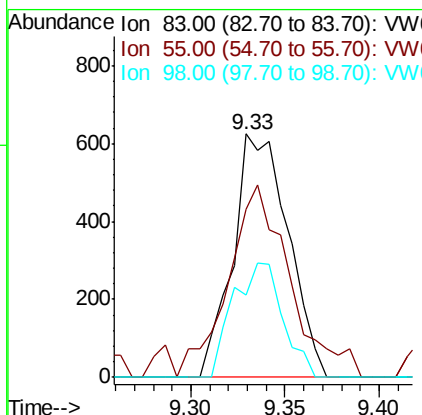
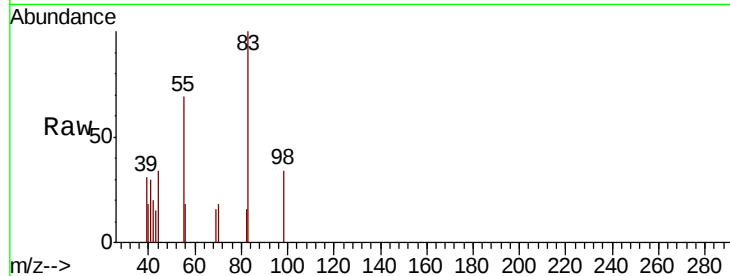




#39
Methvlcvclohexane
Concen: 26.994 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW015288.D
Acq: 22 Apr 2020 03:10

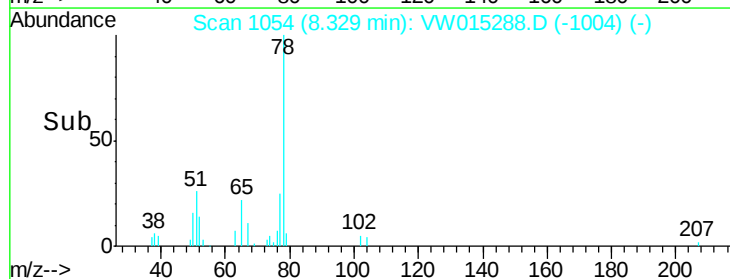
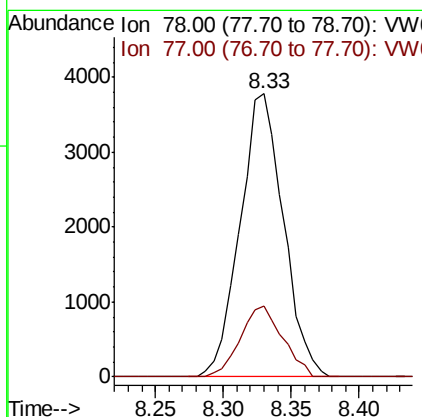
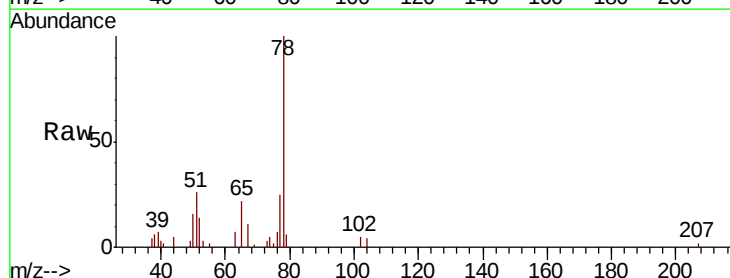
Instrument :
MSVOA_W
ClientSampleId :

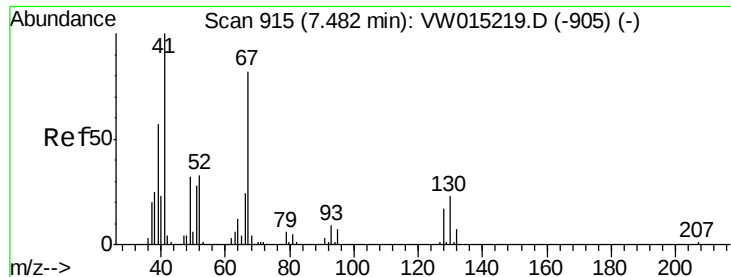
Tot Ion: 83 Resp: 1266
Ion Ratio Lower Upper
83 100
55 59.8 58.1 87.1
98 33.8 40.2 60.4#



#40
Benzene
Concen: 89.552 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.01 min
Lab File: VW015288.D
Acq: 22 Apr 2020 03:10

Tgt Ion: 78 Resp: 8429
Ion Ratio Lower Upper
78 100
77 25.1 18.2 27.2

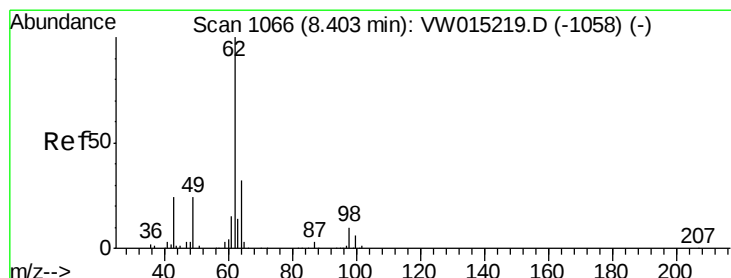
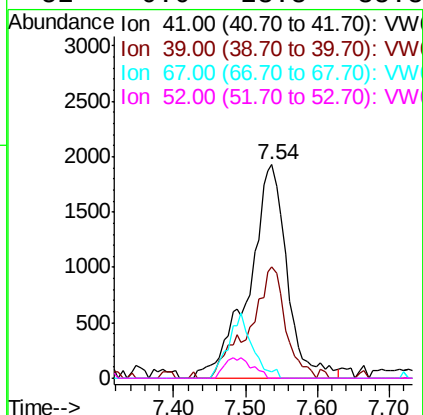
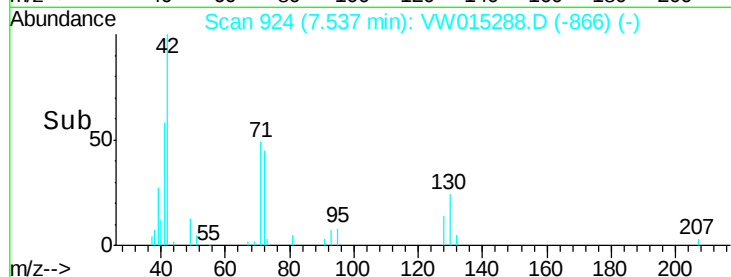
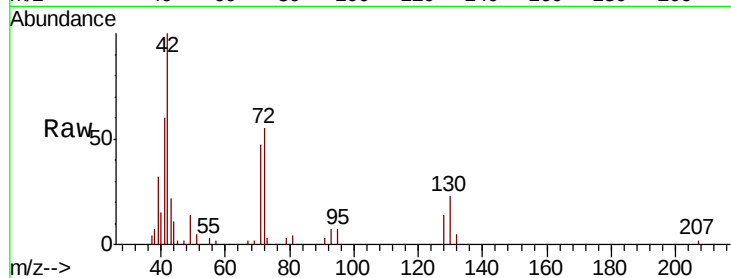




#41
Methacrylonitrile
Concen: 1033.745 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.05 min
Lab File: VW015288.D
Acq: 22 Apr 2020 03:10

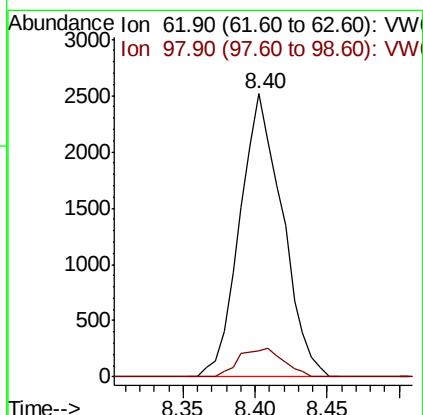
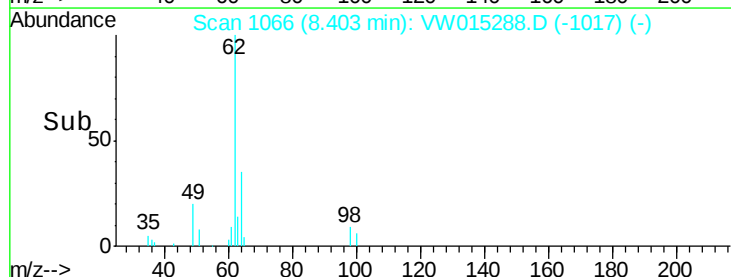
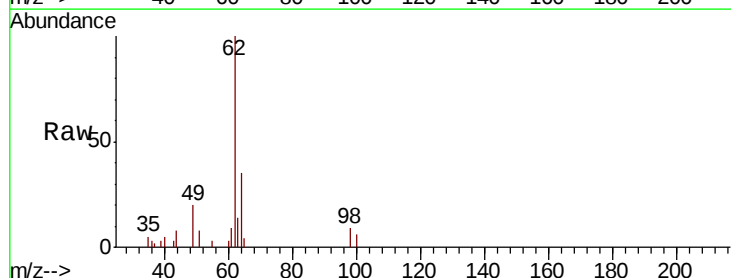
Instrument :
MSVOA_W
ClientSampled :

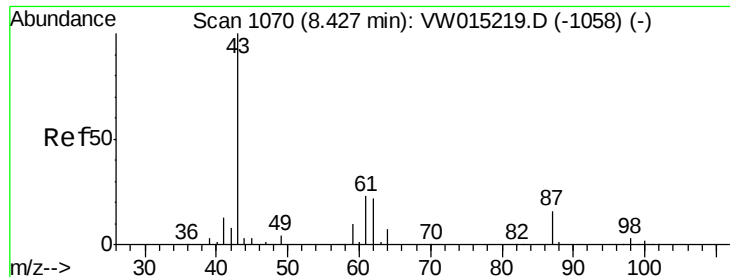
Tot Ion: 41 Resp: 7093
Ion Ratio Lower Upper
41 100
39 49.6 41.9 62.9
67 0.0 60.6 91.0#
52 0.0 23.8 35.8#



#42
1,2-Dichloroethane
Concen: 186.004 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW015288.D
Acq: 22 Apr 2020 03:10

Tgt Ion: 62 Resp: 5154
Ion Ratio Lower Upper
62 100
98 10.7 0.0 20.4





#43

Isopropyl Acetate

Concen: 3.377 ug/l

RT: 8.45 min Scan# 1073

Delta R.T. 0.02 min

Lab File: VW015288.D

Acq: 22 Apr 2020 03:10

Instrument :

MSVOA_W

ClientSampled :

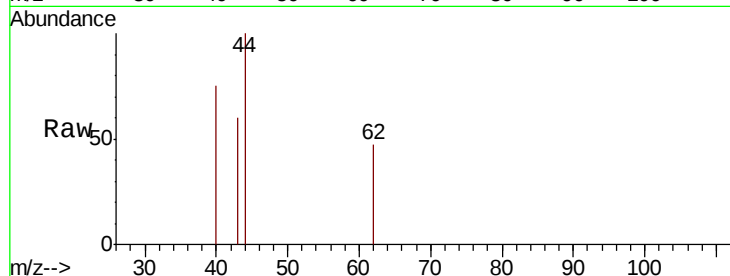
Tot Ion: 43 Resp: 81

Ion Ratio Lower Upper

43 100

61 0.0 24.8 37.2#

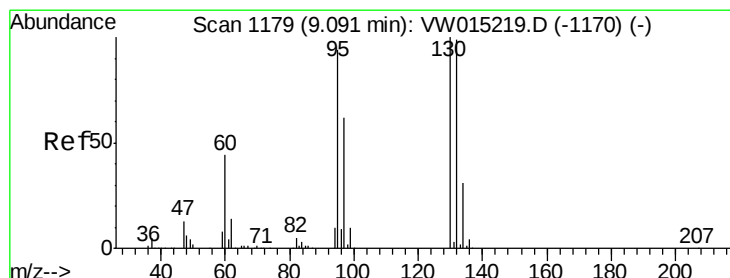
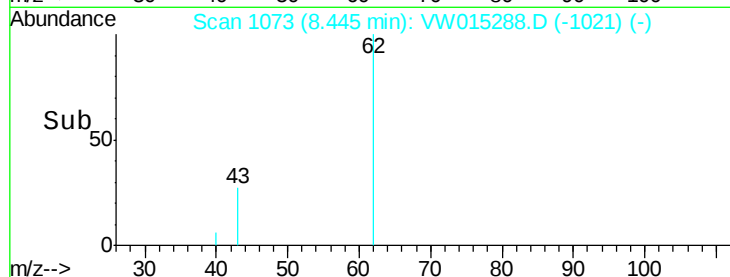
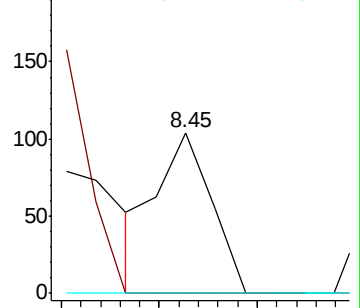
87 0.0 11.4 17.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 40.951 ug/l

RT: 9.10 min Scan# 1181

Delta R.T. 0.01 min

Lab File: VW015288.D

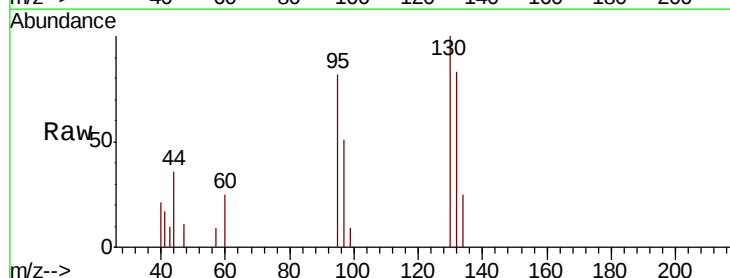
Acq: 22 Apr 2020 03:10

Tgt Ion: 130 Resp: 1179

Ion Ratio Lower Upper

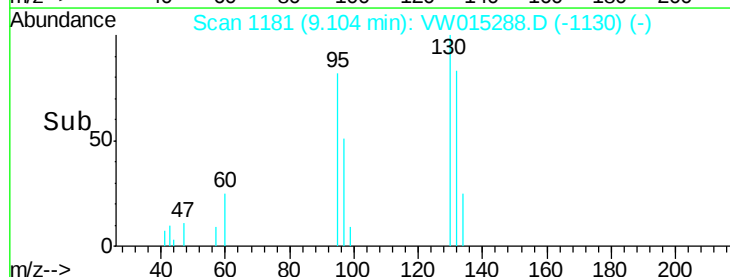
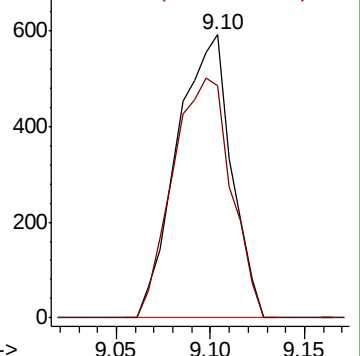
130 100

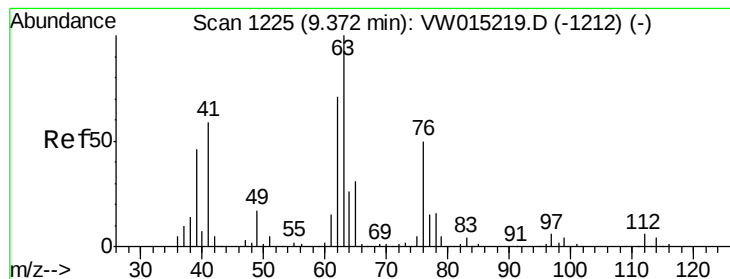
95 81.9 0.0 196.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 154.829 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.00 min

Lab File: VW015288.D

Acq: 22 Apr 2020 03:10

Instrument :

MSVOA_W

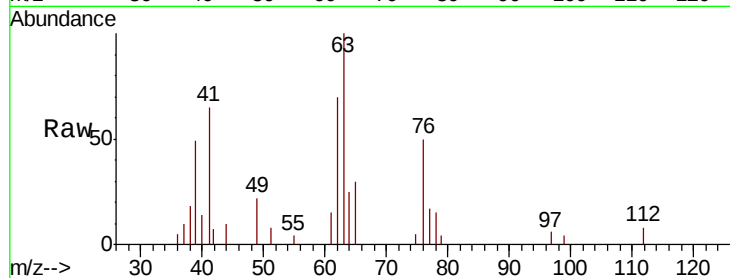
ClientSampled :

Tot Ion: 63 Resp: 3389

Ion Ratio Lower Upper

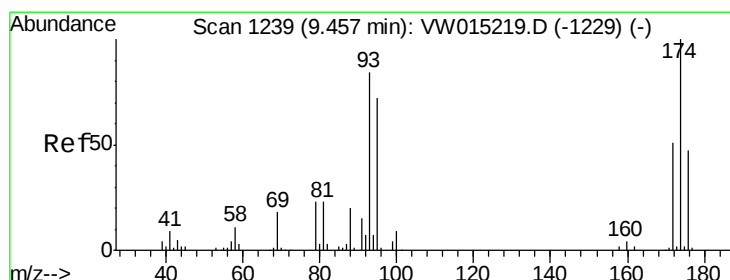
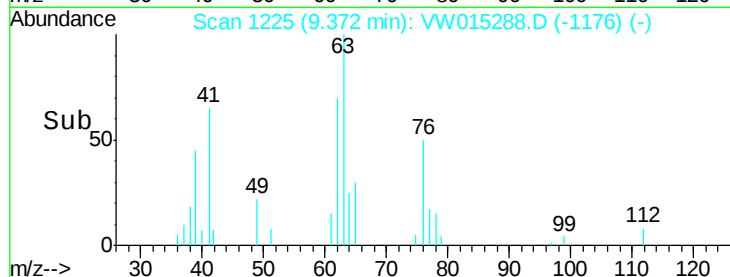
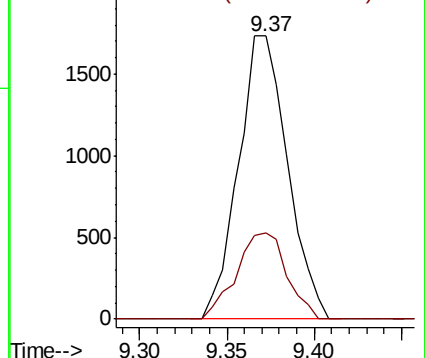
63 100

65 30.5 25.5 38.3



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 190.890 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW015288.D

Acq: 22 Apr 2020 03:10

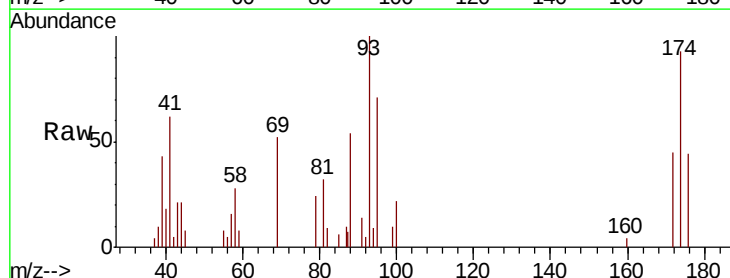
Tgt Ion: 93 Resp: 2417

Ion Ratio Lower Upper

93 100

95 82.7 67.5 101.3

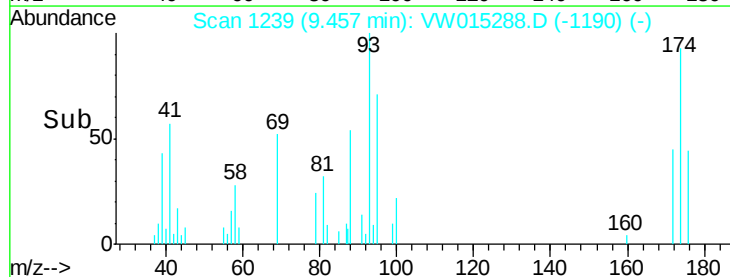
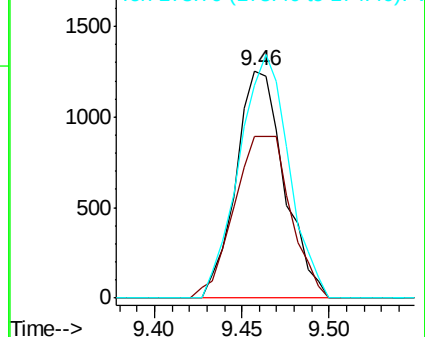
174 110.5 74.1 111.1

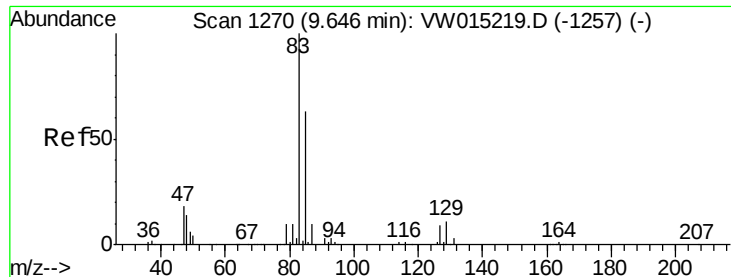


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 150.377 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW015288.D

Acq: 22 Apr 2020 03:10

Instrument :

MSVOA_W

ClientSampleId :

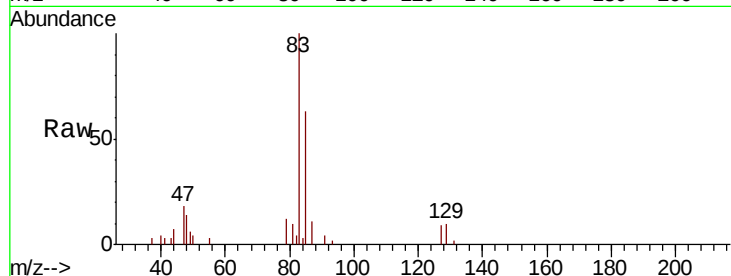
Tot Ion: 83 Resp: 5090

Ion Ratio Lower Upper

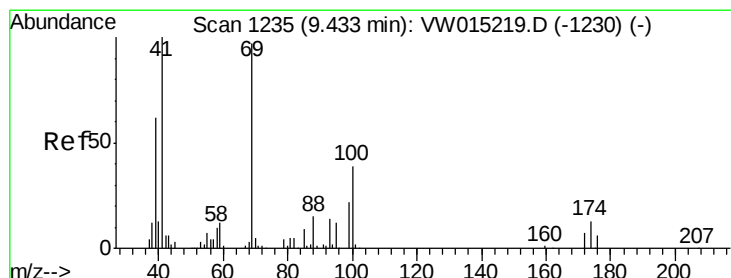
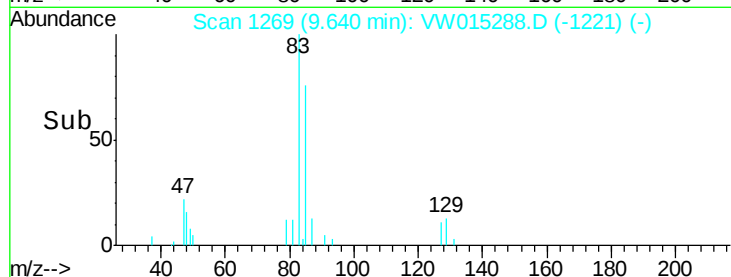
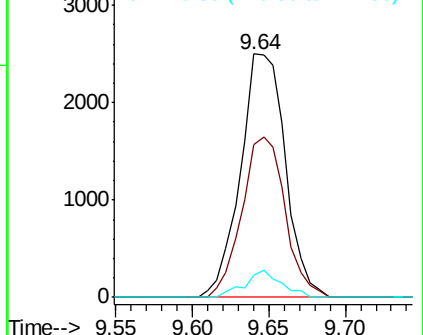
83 100

85 62.9 50.6 76.0

127 9.0 6.7 10.1



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



#48

Methyl methacrylate

Concen: 348.823 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.01 min

Lab File: VW015288.D

Acq: 22 Apr 2020 03:10

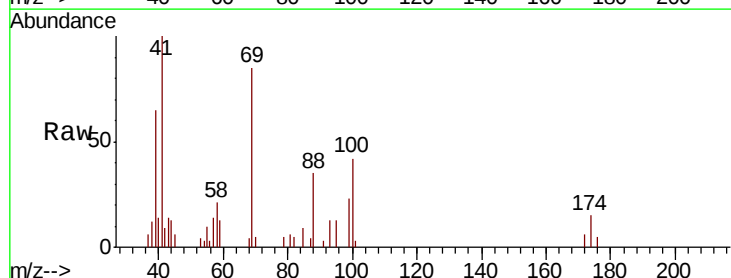
Tgt Ion: 41 Resp: 3955

Ion Ratio Lower Upper

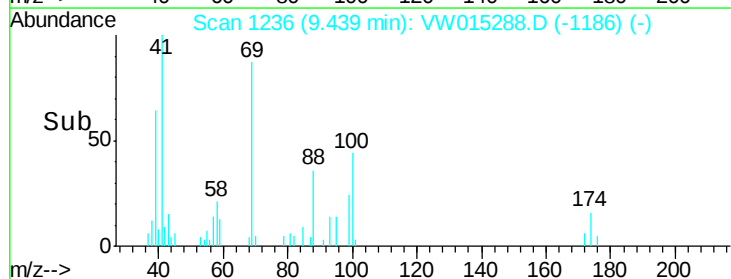
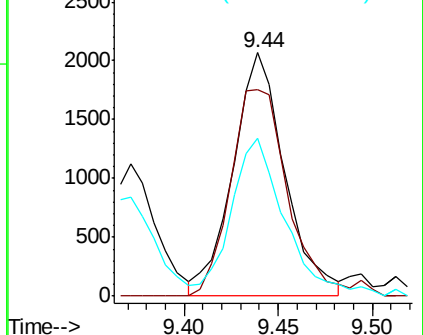
41 100

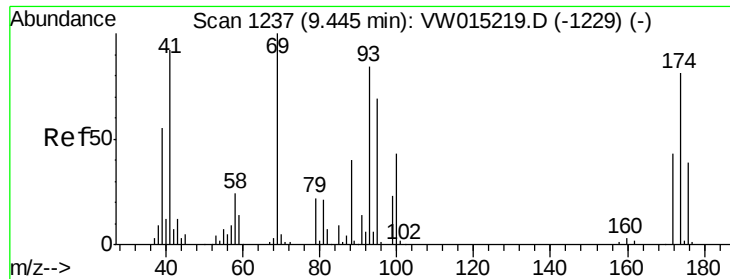
69 95.3 70.6 105.8

39 67.7 42.6 64.0#



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





#49

1,4-Dioxane

Concen: 10954.045 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. 0.01 min

Lab File: VW015288.D

Acq: 22 Apr 2020 03:10

Instrument :

MSVOA_W

ClientSampled :

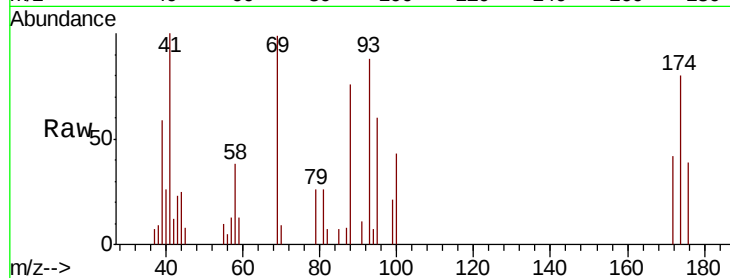
Tot Ion: 88 Resp: 1849

Ion Ratio Lower Upper

88 100

43 39.6 23.5 35.3#

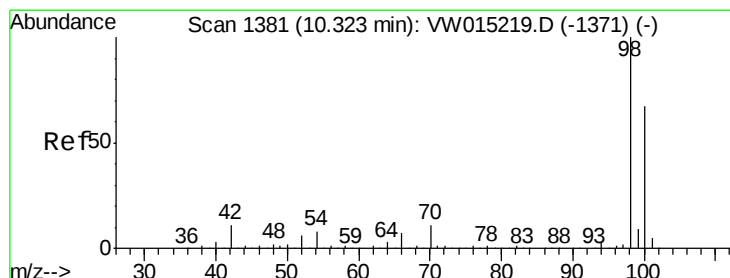
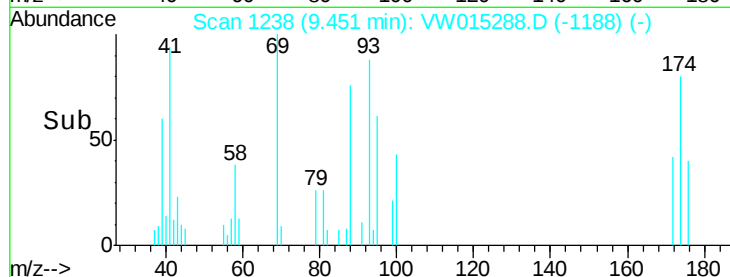
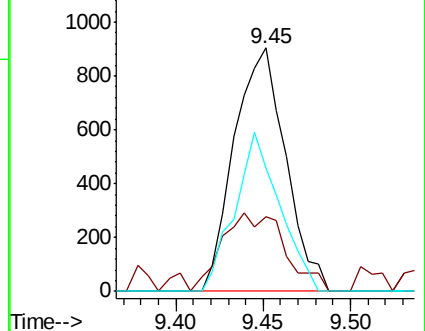
58 56.8 55.4 83.2



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: 56.337 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW015288.D

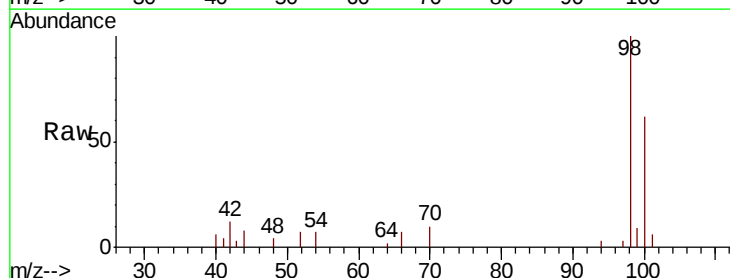
Acq: 22 Apr 2020 03:10

Tgt Ion: 98 Resp: 5125

Ion Ratio Lower Upper

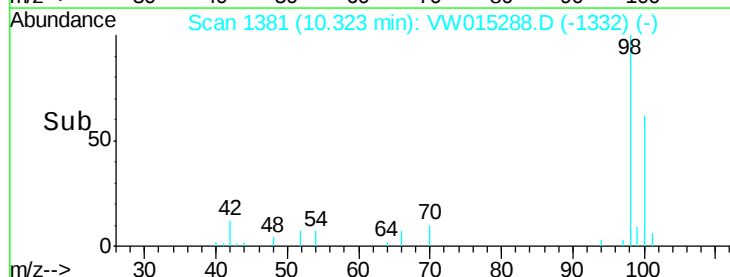
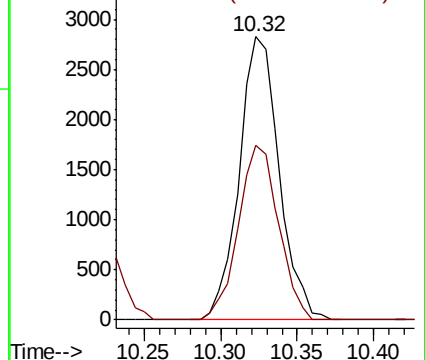
98 100

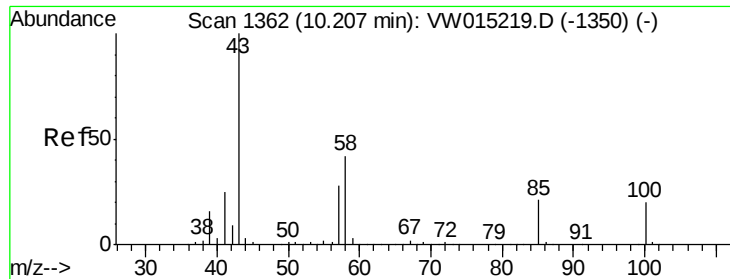
100 62.1 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

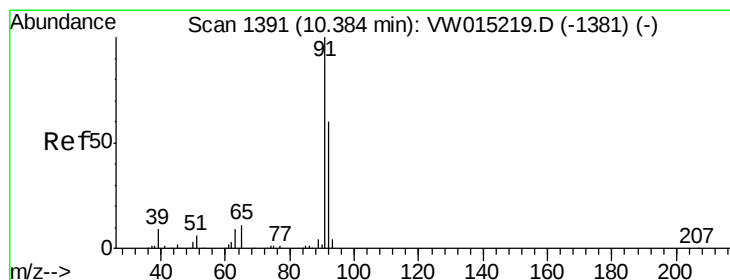
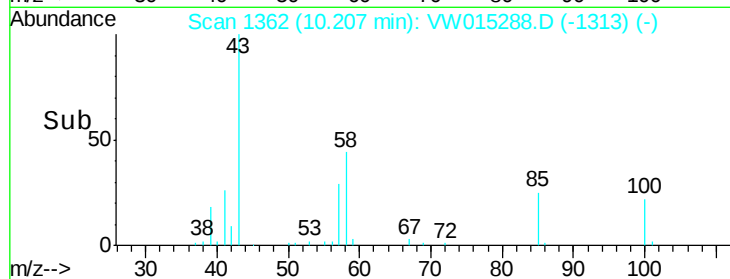
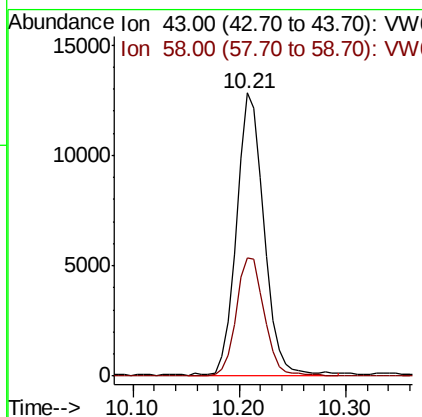
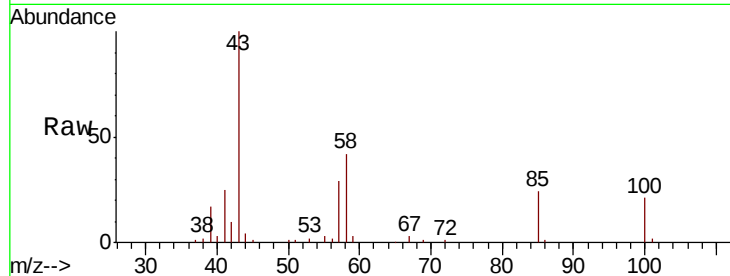




#51
4-Methyl-2-Pentanone
Concen: 2090.264 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. 0.00 min
Lab File: VW015288.D
Acq: 22 Apr 2020 03:10

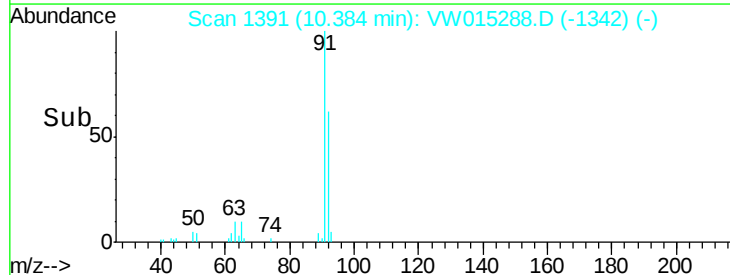
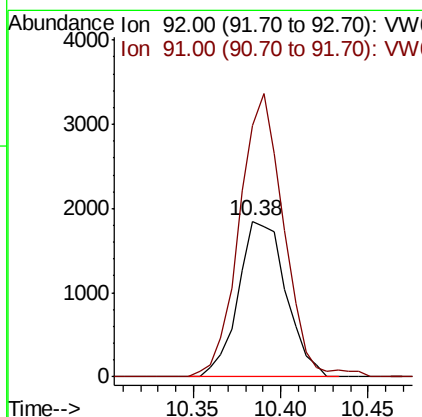
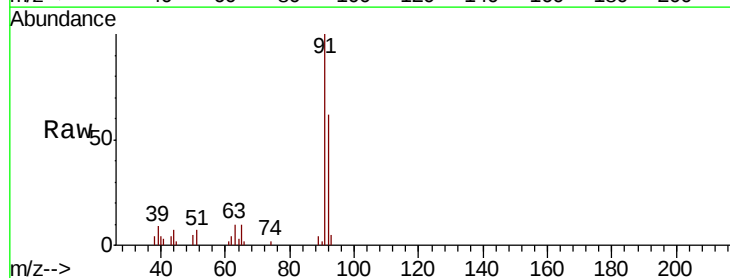
Instrument :
MSVOA_W
ClientSampled :

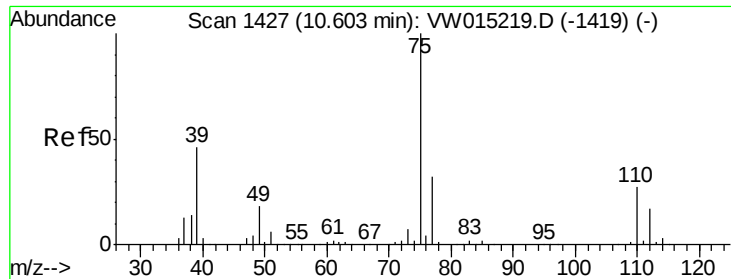
Tot Ion: 43 Resp: 23534
Ion Ratio Lower Upper
43 100
58 42.1 32.3 48.5



#52
Toluene
Concen: 53.283 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VW015288.D
Acq: 22 Apr 2020 03:10

Tgt Ion: 92 Resp: 3510
Ion Ratio Lower Upper
92 100
91 169.2 137.1 205.7

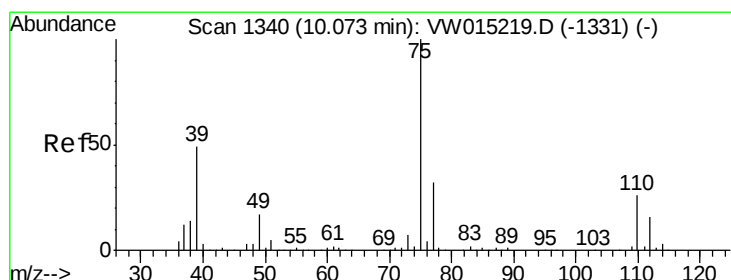
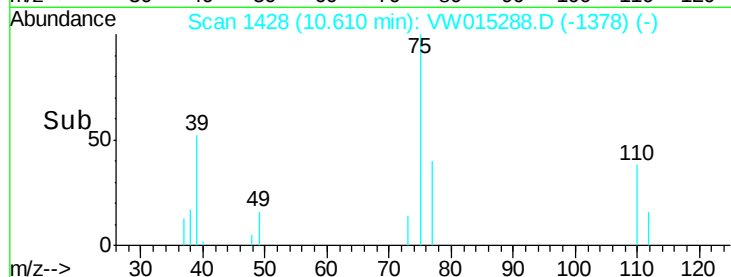
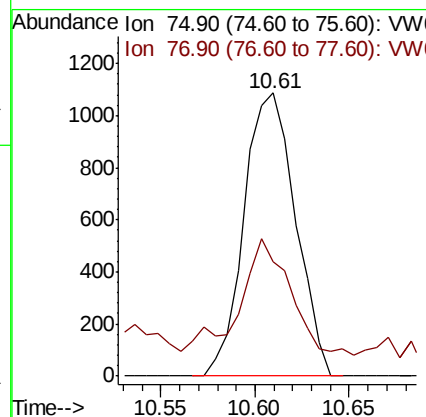
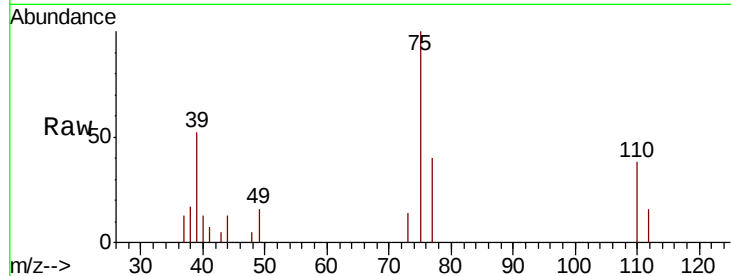




#53
 t-1,3-Dichloropropene
 Concen: 61.513 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. 0.01 min
 Lab File: VW015288.D
 Acq: 22 Apr 2020 03:10

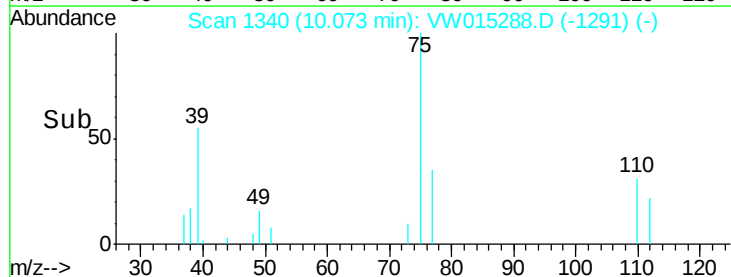
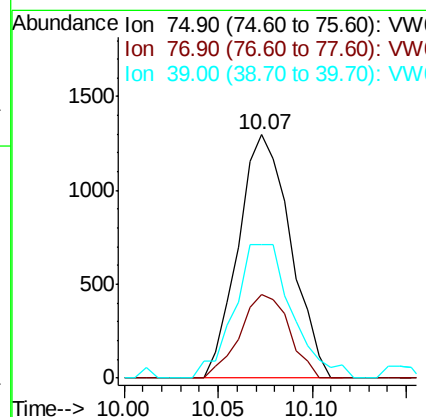
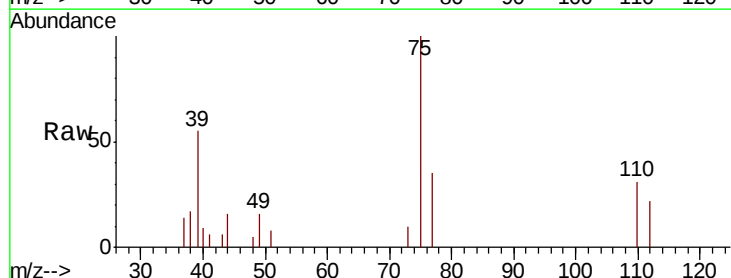
Instrument :
 MSVOA_W
 ClientSampleId :

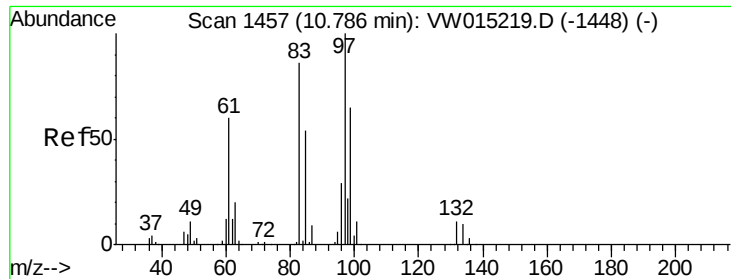
Tot Ion: 75 Resp: 2053
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 64.083 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW015288.D
 Acq: 22 Apr 2020 03:10

Tgt Ion: 75 Resp: 2486
 Ion Ratio Lower Upper
 75 100
 77 34.5 26.6 39.8
 39 54.8 37.8 56.6

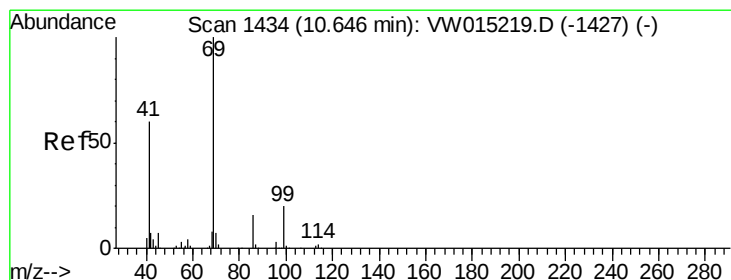
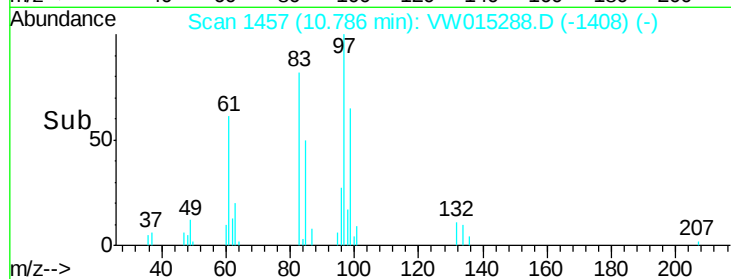
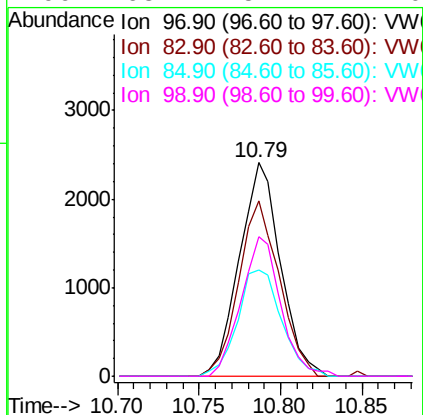
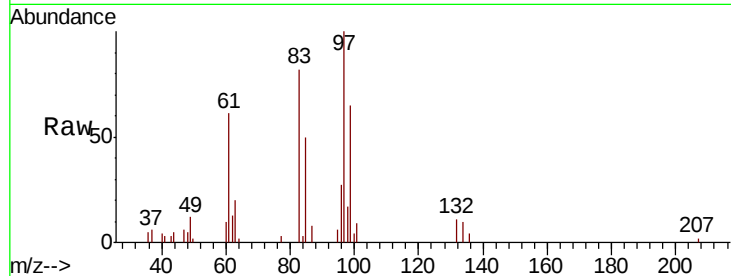




#55
 1,1,2-Trichloroethane
 Concen: 237.510 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW015288.D
 Acq: 22 Apr 2020 03:10

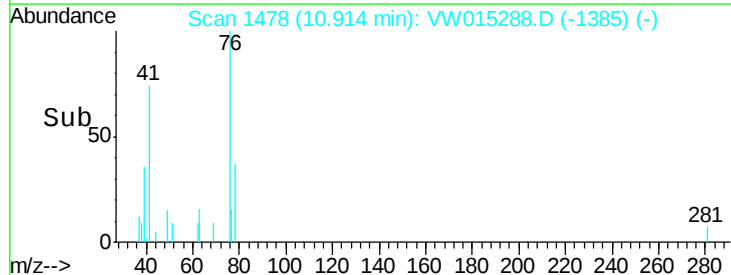
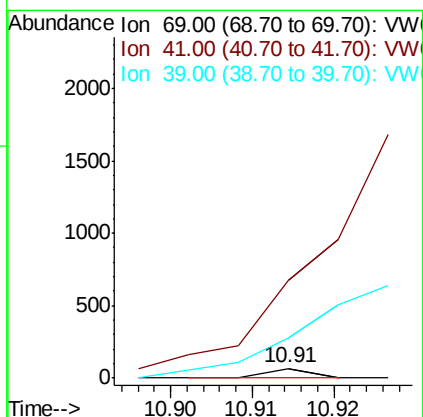
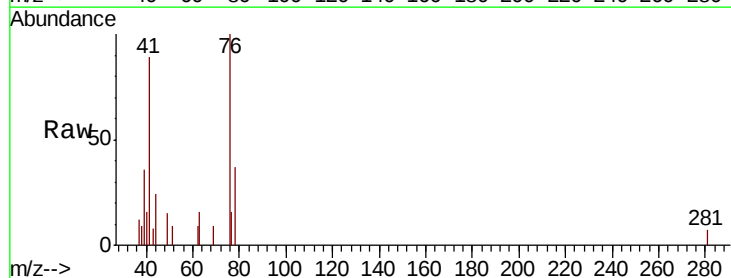
Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion:	97	Resp:	4211
Ion	Ratio	Lower	Upper
97	100		
83	82.1	67.3	100.9
85	49.9	43.8	65.8
99	65.4	51.4	77.0



#56
 Ethyl methacrylate
 Concen: 1.095 ug/l
 RT: 10.91 min Scan# 1478
 Delta R.T. 0.27 min
 Lab File: VW015288.D
 Acq: 22 Apr 2020 03:10

Tgt Ion:	69	Resp:	25
Ion	Ratio	Lower	Upper
69	100		
41	0.0	51.3	76.9#
39	0.0	24.6	37.0#

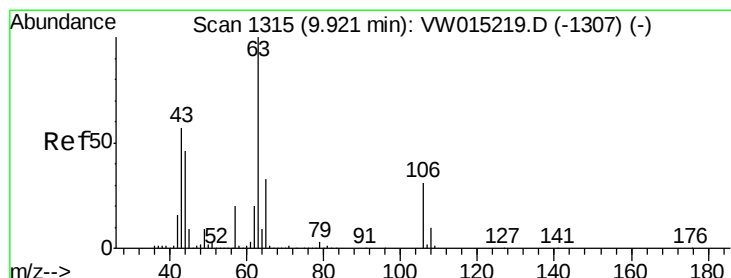
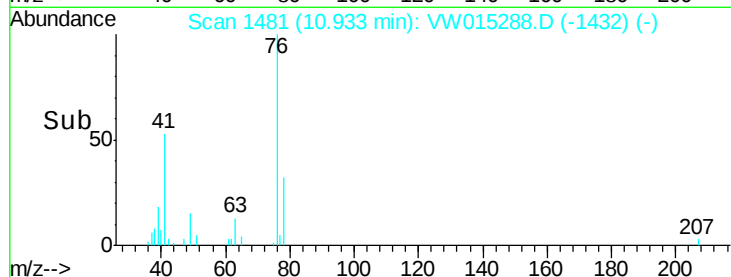
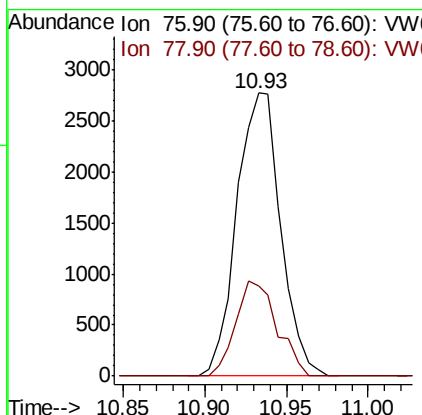
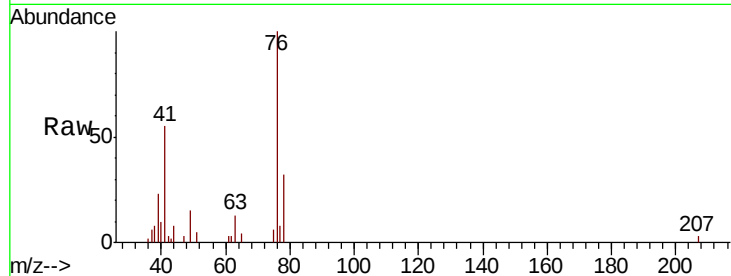




#57
 1,3-Dichloropropane
 Concen: 176.238 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW015288.D
 Acq: 22 Apr 2020 03:10

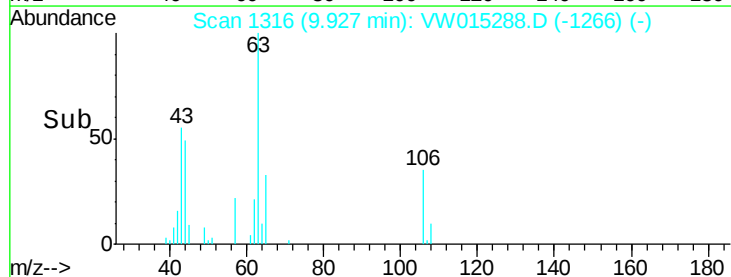
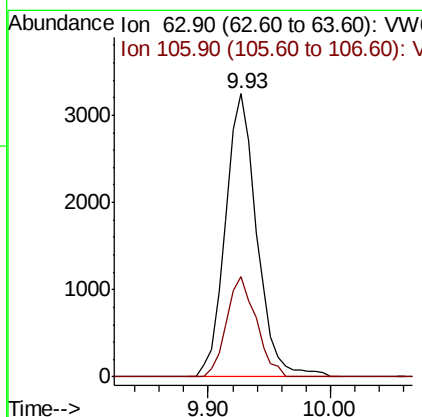
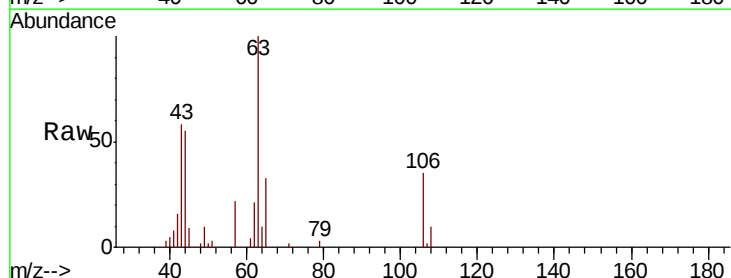
Instrument :
 MSVOA_W
 ClientSampled :

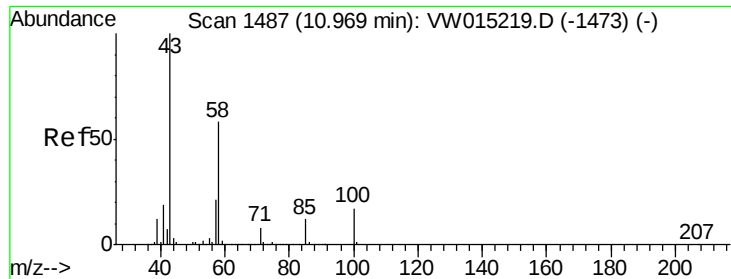
Tot Ion: 76 Resp: 5176
 Ion Ratio Lower Upper
 76 100
 78 31.6 26.2 39.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 545.460 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: VW015288.D
 Acq: 22 Apr 2020 03:10

Tgt Ion: 63 Resp: 5776
 Ion Ratio Lower Upper
 63 100
 106 33.3 22.6 33.8

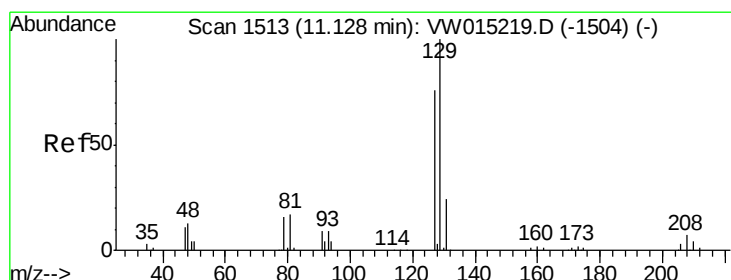
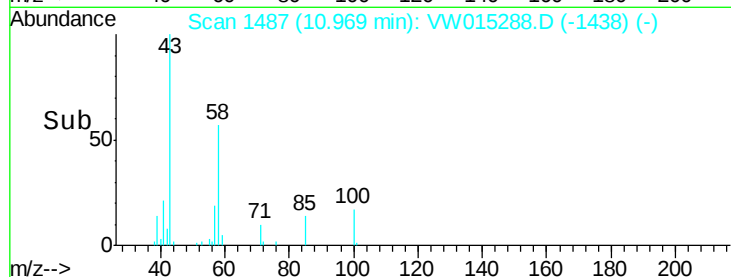
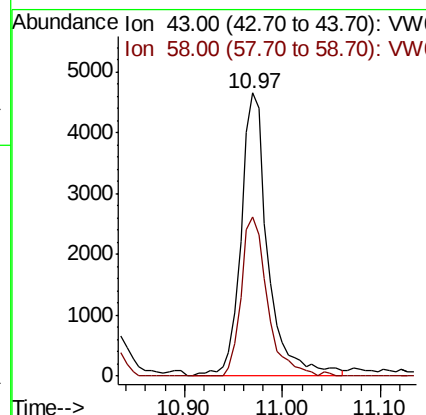
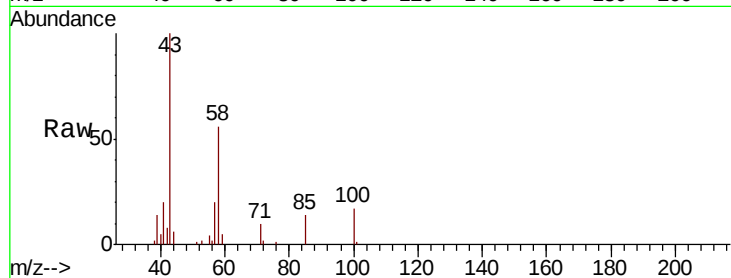




#59
2-Hexanone
Concen: 1107.753 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW015288.D
Acq: 22 Apr 2020 03:10

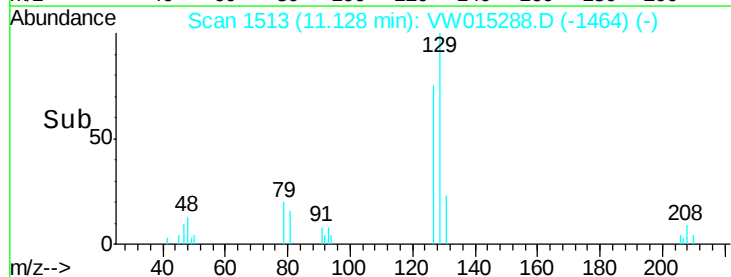
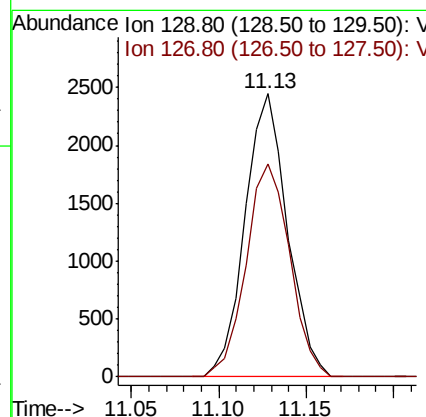
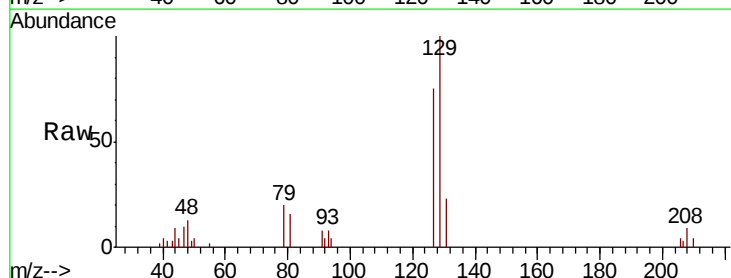
Instrument :
MSVOA_W
ClientSampleId :

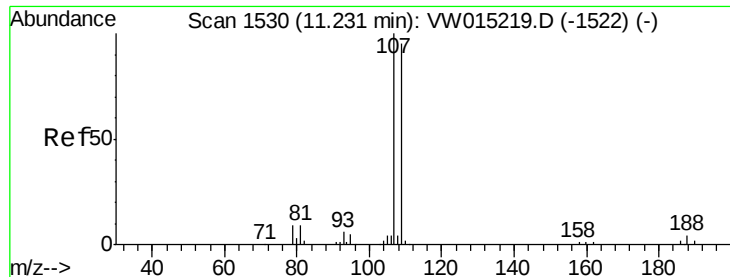
Tot Ion: 43 Resp: 8903
Ion Ratio Lower Upper
43 100
58 54.4 28.1 84.3



#60
Dibromochloromethane
Concen: 176.552 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW015288.D
Acq: 22 Apr 2020 03:10

Tgt Ion: 129 Resp: 4133
Ion Ratio Lower Upper
129 100
127 77.3 38.3 114.8

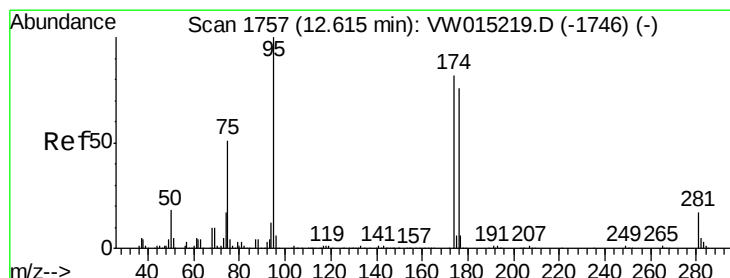
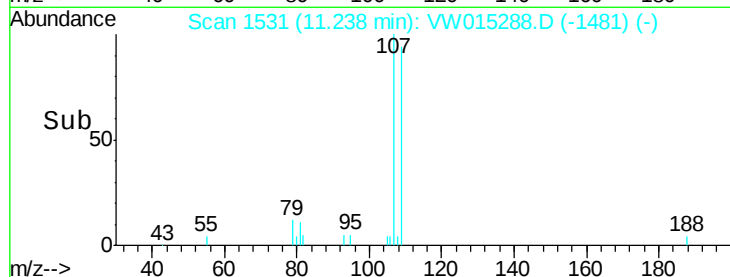
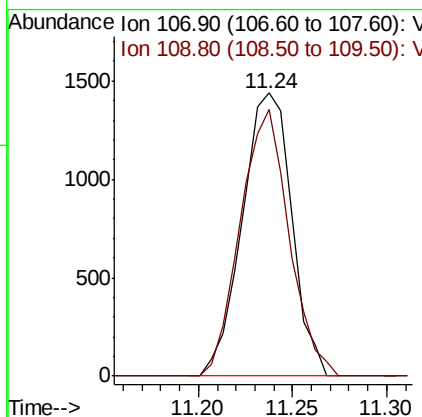
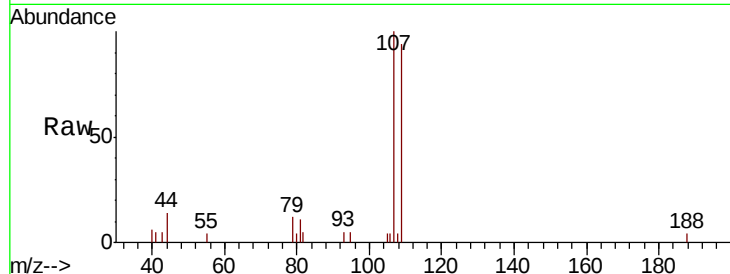




#61
 1,2-Dibromoethane
 Concen: 151.617 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.01 min
 Lab File: VW015288.D
 Acq: 22 Apr 2020 03:10

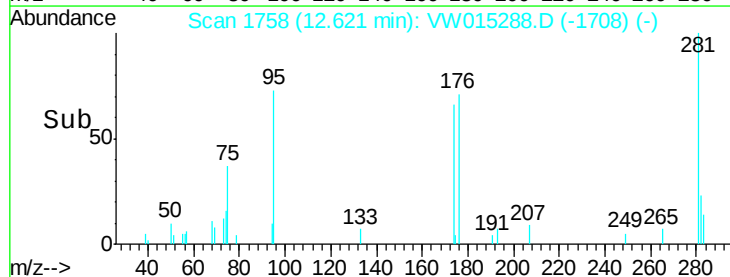
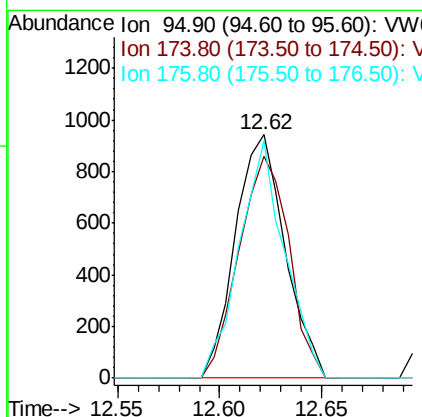
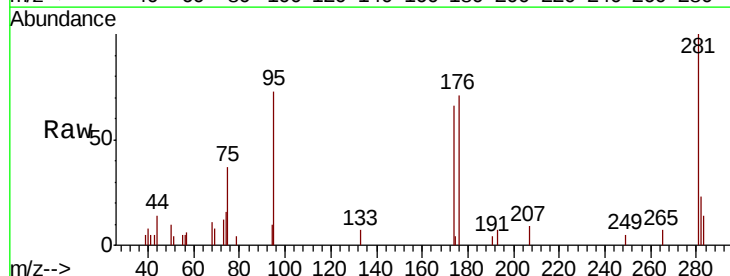
Instrument :
 MSVOA_W
 ClientSampleId :

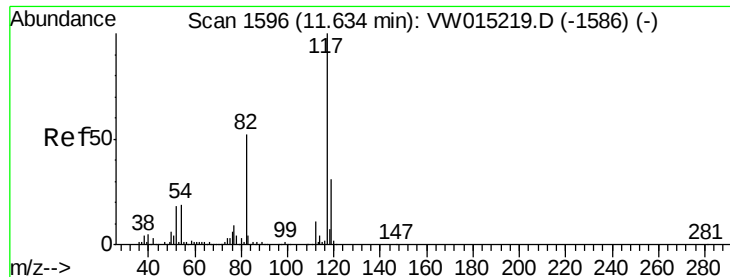
Tot Ion: 107 Resp: 2623
 Ion Ratio Lower Upper
 107 100
 109 92.7 74.3 111.5



#62
 4-Bromofluorobenzene
 Concen: 46.068 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.01 min
 Lab File: VW015288.D
 Acq: 22 Apr 2020 03:10

Tgt Ion: 95 Resp: 1599
 Ion Ratio Lower Upper
 95 100
 174 91.3 0.0 144.4
 176 88.9 0.0 140.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW015288.D

Acq: 22 Apr 2020 03:10

Instrument :

MSVOA_W

ClientSampleId :

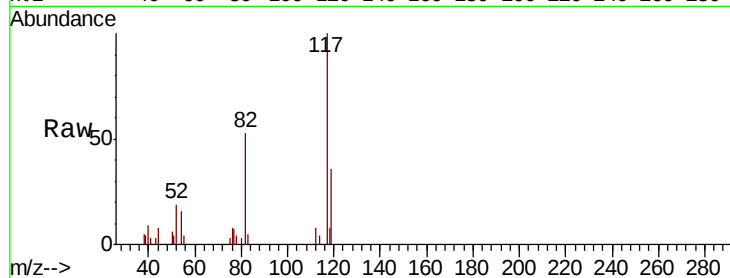
Tot Ion:117 Resp: 3907

Ion Ratio Lower Upper

117 100

82 52.8 44.1 66.1

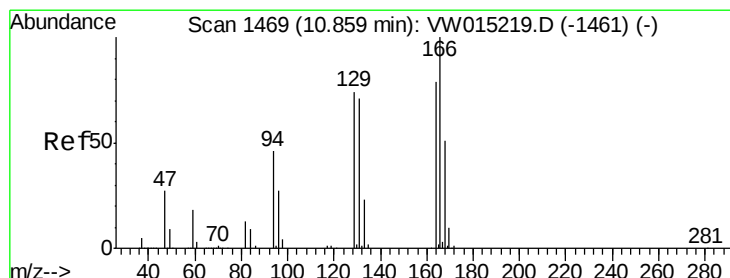
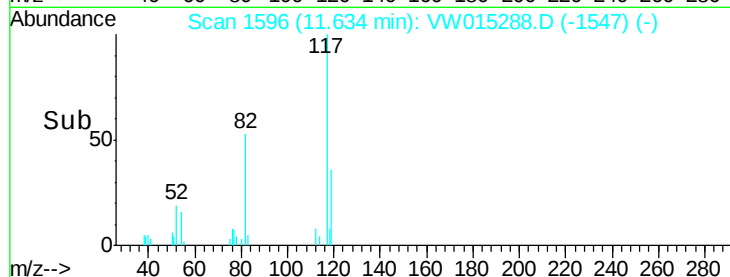
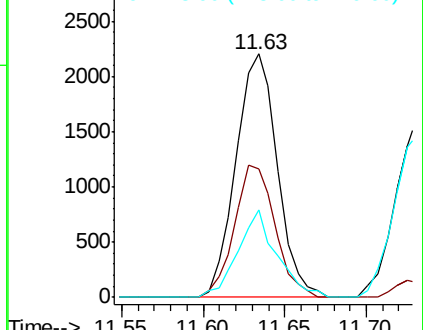
119 36.2 24.9 37.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 52.861 ug/l

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW015288.D

Acq: 22 Apr 2020 03:10

Tgt Ion:164 Resp: 1474

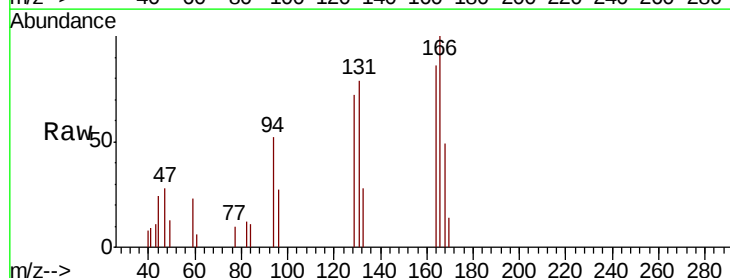
Ion Ratio Lower Upper

164 100

166 116.4 102.6 154.0

129 84.1 80.2 120.2

131 92.3 77.4 116.2

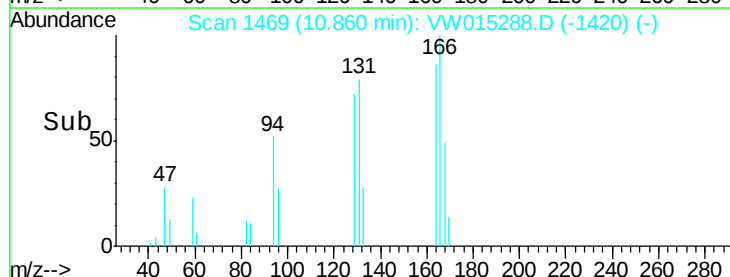
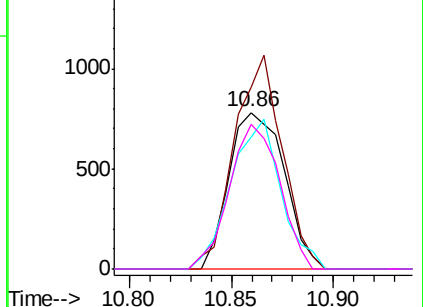


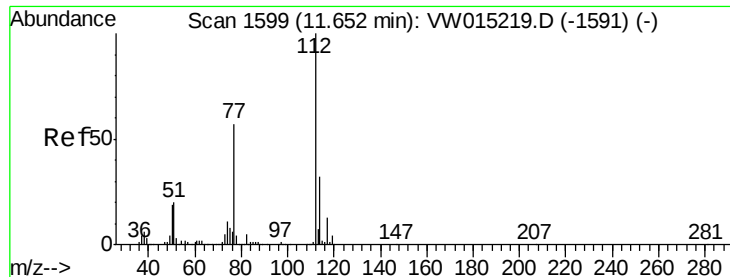
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

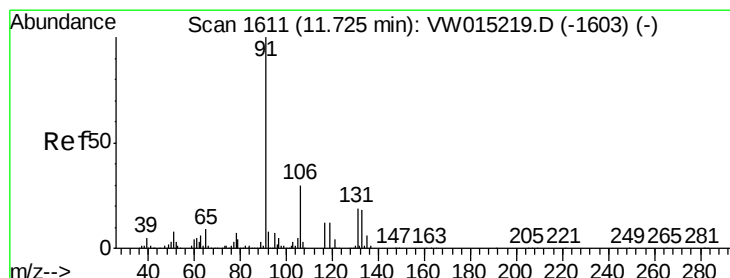
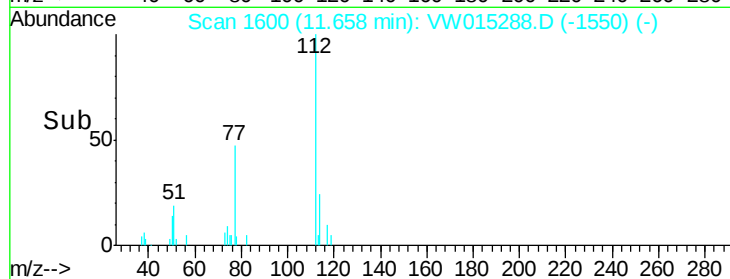
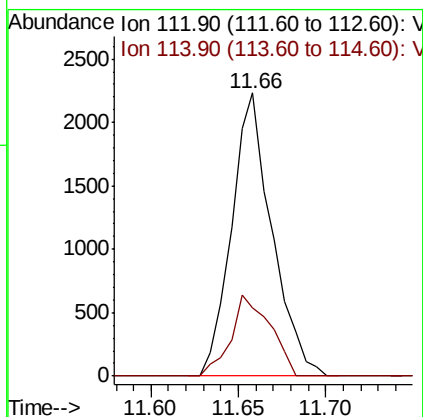
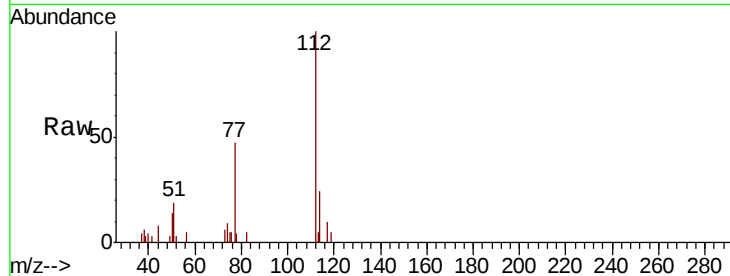




#65
Chlorobenzene
Concen: 46.592 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VW015288.D
Acq: 22 Apr 2020 03:10

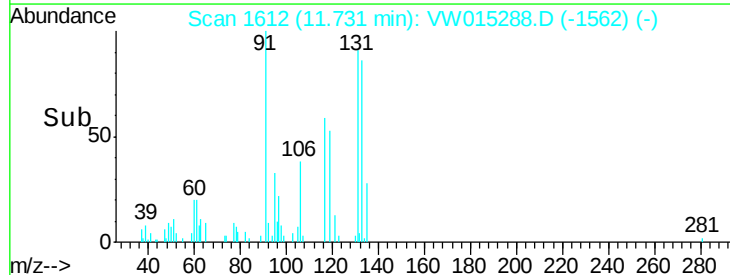
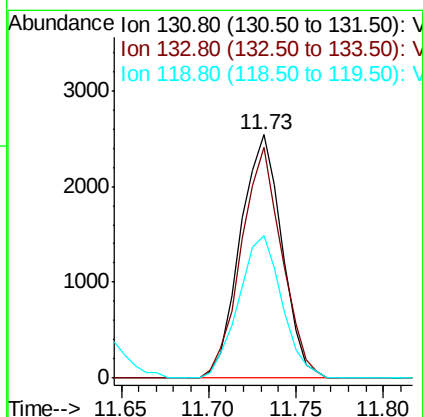
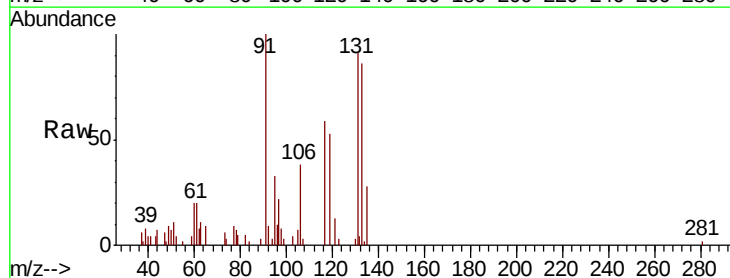
Instrument :
MSVOA_W
ClientSampleId :

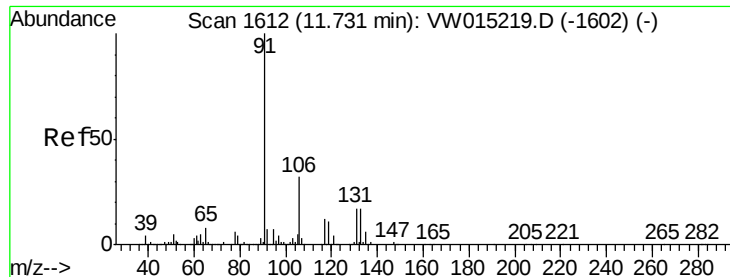
Tot Ion:112 Resp: 3572
Ion Ratio Lower Upper
112 100
114 24.3 25.8 38.6#



#66
1,1,1,2-Tetrachloroethane
Concen: 152.821 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.01 min
Lab File: VW015288.D
Acq: 22 Apr 2020 03:10

Tgt Ion:131 Resp: 4211
Ion Ratio Lower Upper
131 100
133 93.0 47.7 143.1
119 60.8 34.0 101.8

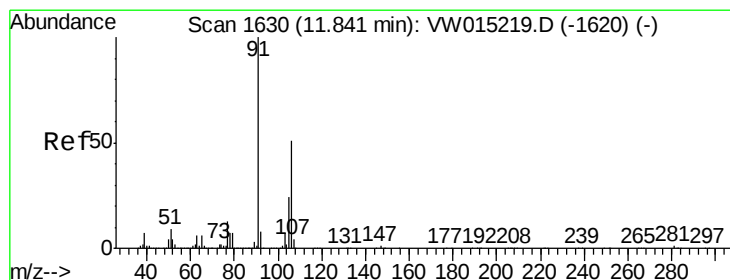
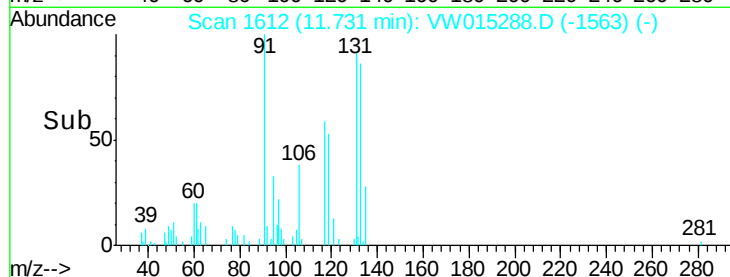
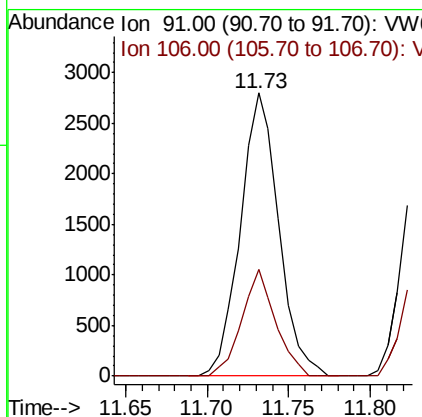
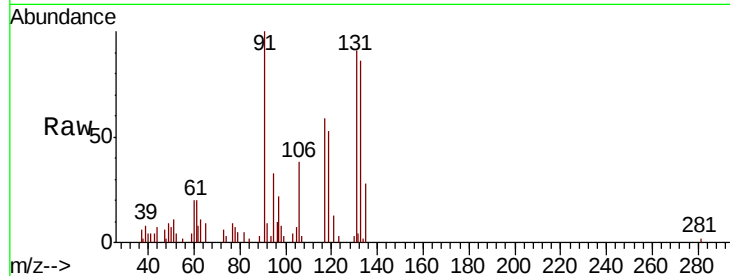




#67
Ethyl Benzene
Concen: 32.055 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015288.D
Acq: 22 Apr 2020 03:10

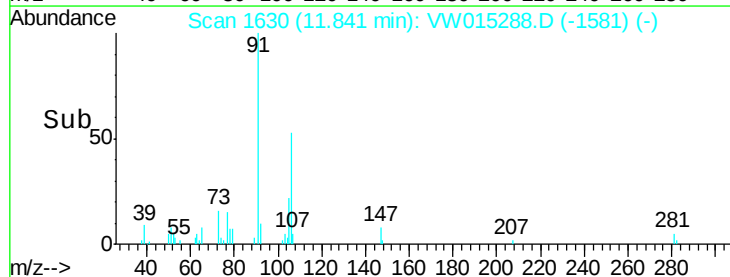
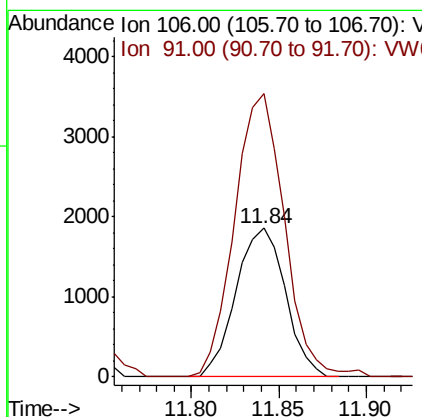
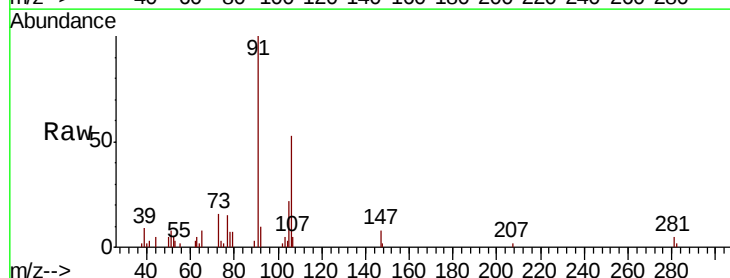
Instrument :
MSVOA_W
ClientSampleId :

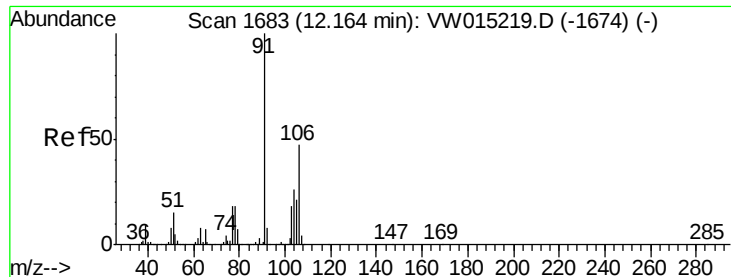
Tot Ion: 91 Resp: 4583
Ion Ratio Lower Upper
91 100
106 37.8 25.7 38.5



#68
m/p-Xylenes
Concen: 65.540 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW015288.D
Acq: 22 Apr 2020 03:10

Tgt Ion: 106 Resp: 3673
Ion Ratio Lower Upper
106 100
91 192.6 160.0 240.0

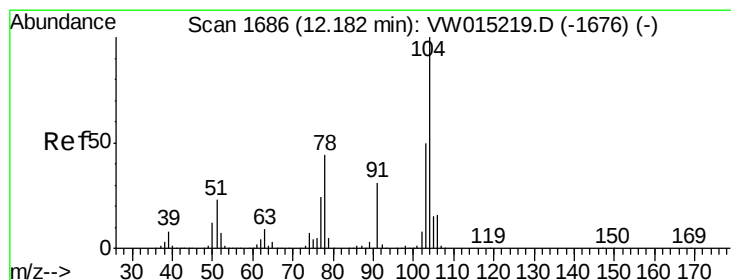
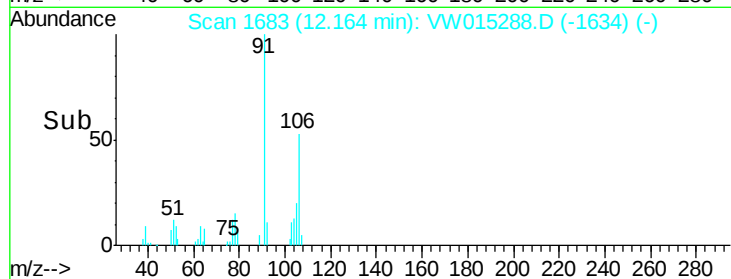
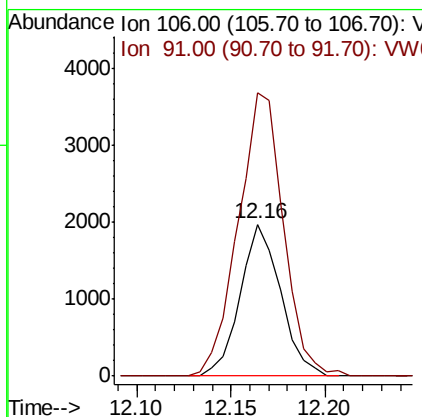
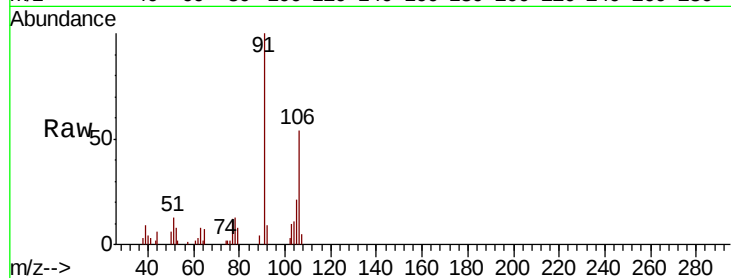




#69
o-Xylene
Concen: 56.319 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW015288.D
Acq: 22 Apr 2020 03:10

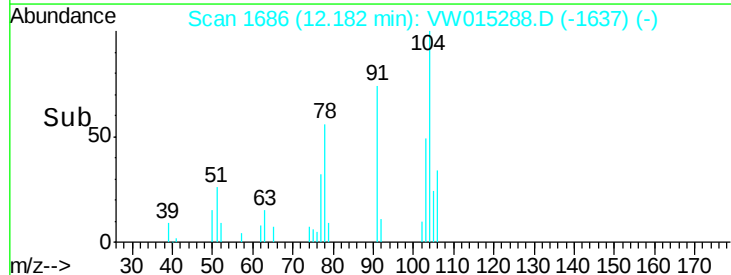
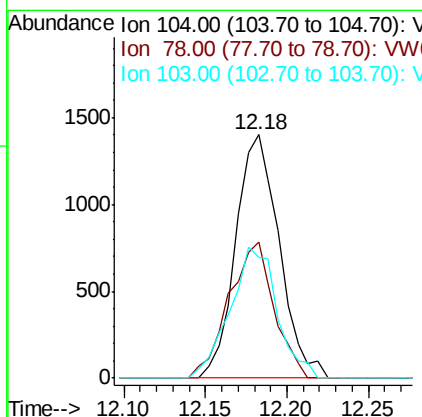
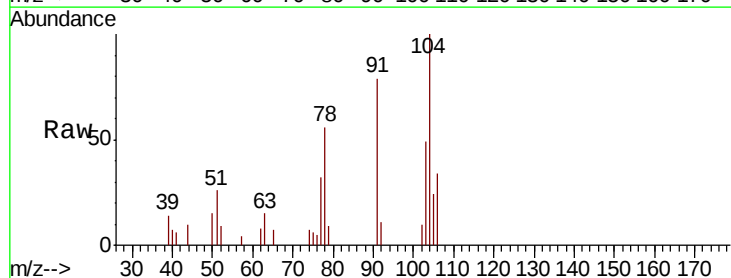
Instrument :
MSVOA_W
ClientSampleId :

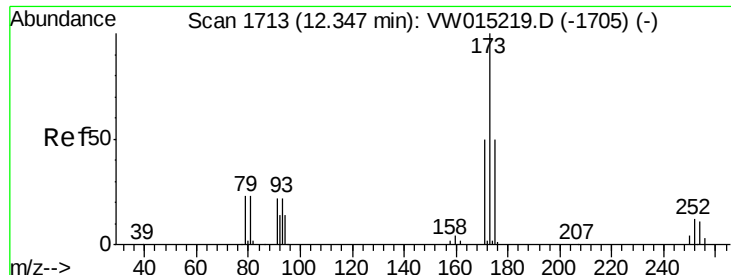
Tot Ion:106 Resp: 2946
Ion Ratio Lower Upper
106 100
91 207.8 105.7 317.1



#70
Styrene
Concen: 29.171 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW015288.D
Acq: 22 Apr 2020 03:10

Tgt Ion:104 Resp: 2601
Ion Ratio Lower Upper
104 100
78 58.1 39.8 59.6
103 58.2 43.8 65.6

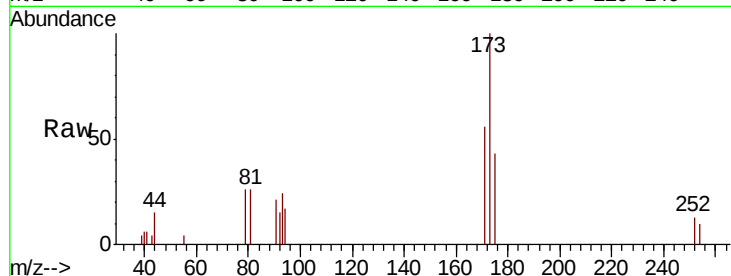




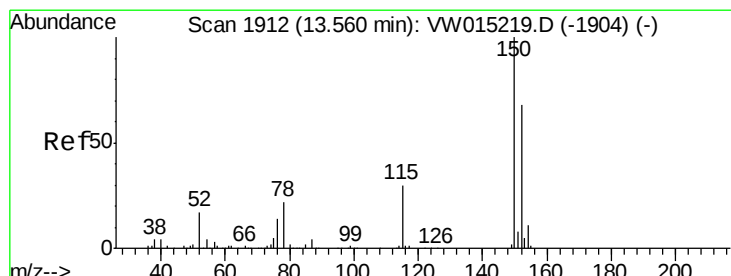
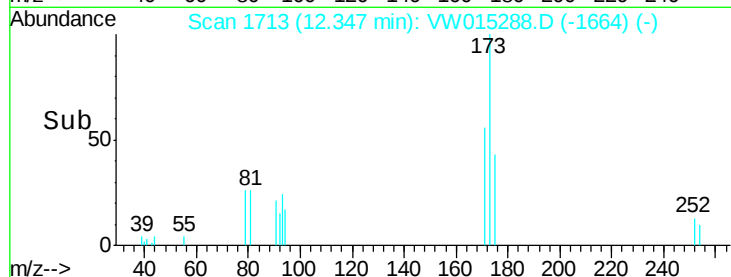
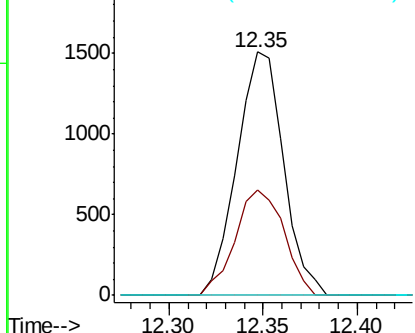
#71
Bromoform
Concen: 166.301 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. 0.00 min
Lab File: VW015288.D
Acq: 22 Apr 2020 03:10

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:173 Resp: 2582
Ion Ratio Lower Upper
173 100
175 45.3 25.1 75.4
254 0.0 0.1 0.1#

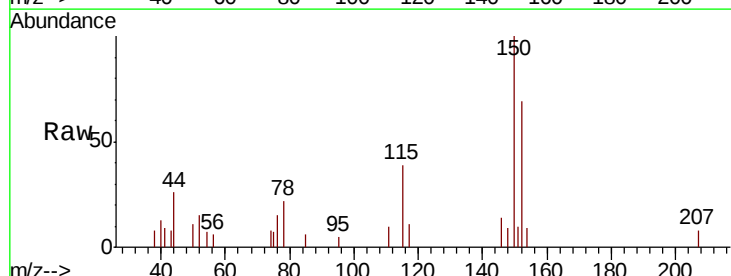


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

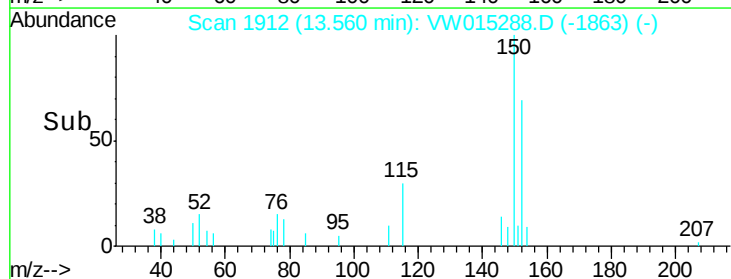
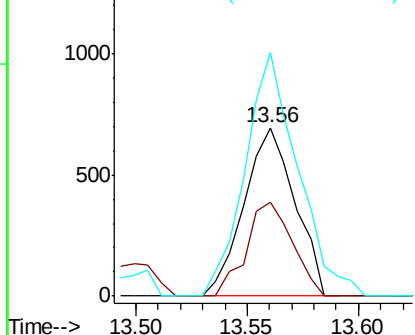


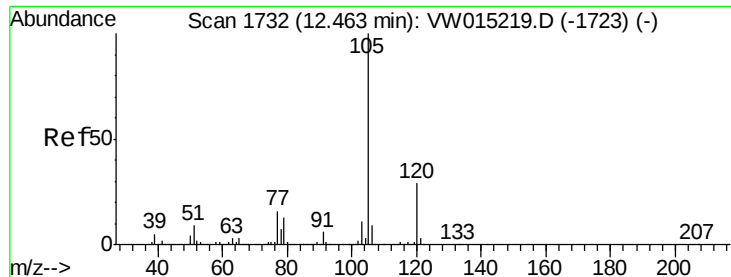
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW015288.D
Acq: 22 Apr 2020 03:10

Tgt Ion:152 Resp: 1106
Ion Ratio Lower Upper
152 100
115 50.4 31.3 93.9
150 150.2 0.0 343.4



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: 63.168 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW015288.D

Acq: 22 Apr 2020 03:10

Instrument :

MSVOA_W

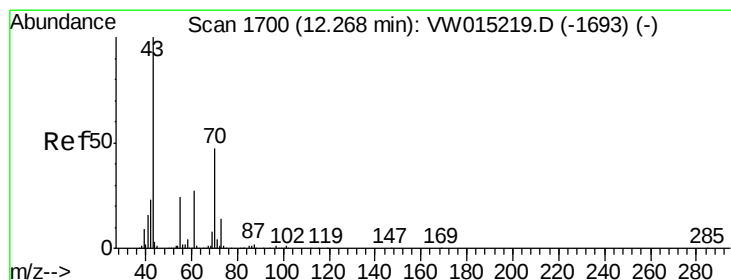
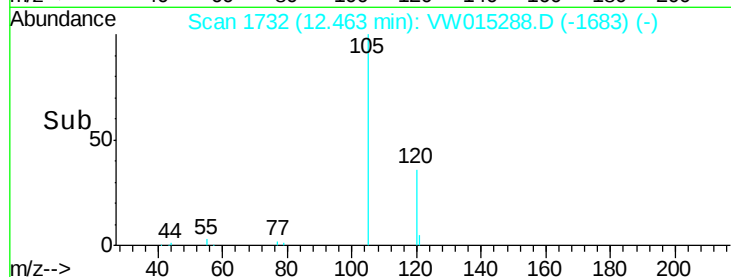
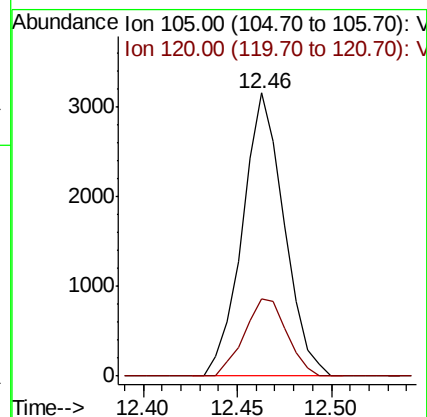
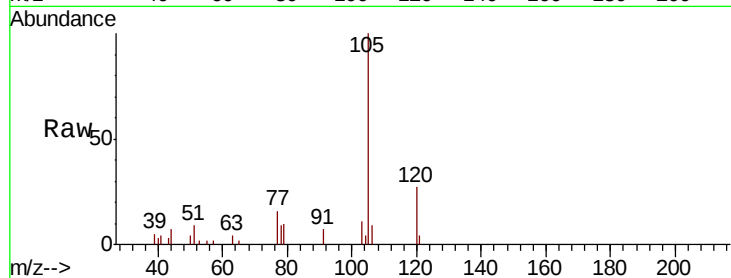
ClientSampleId :

Tot Ion:105 Resp: 4844

Ion Ratio Lower Upper

105 100

120 27.7 13.7 41.1



#74

N-ethyl acetate

Concen: 7.496 ug/l

RT: 12.26 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VW015288.D

Acq: 22 Apr 2020 03:10

Tgt Ion: 43 Resp: 100

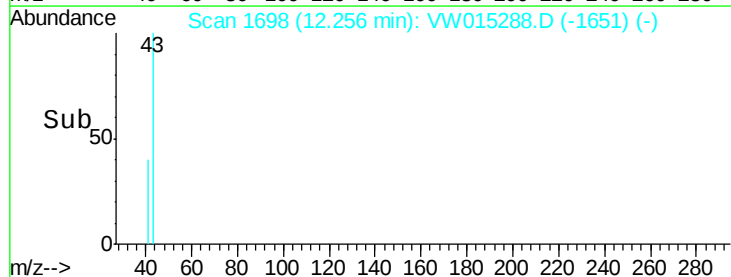
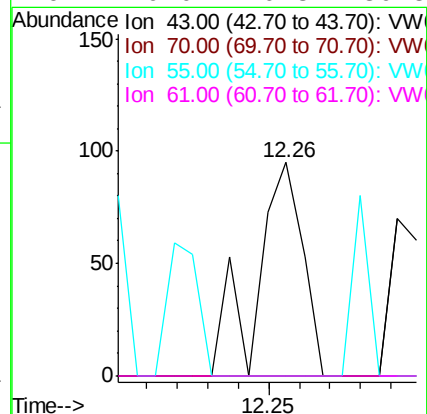
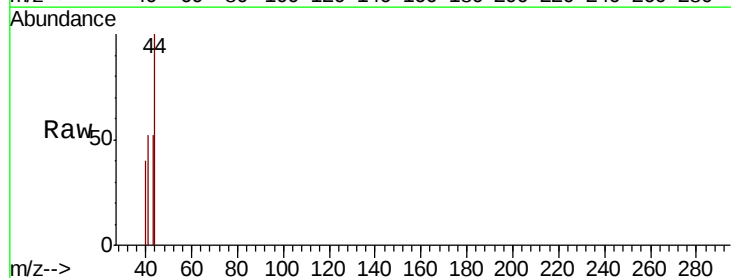
Ion Ratio Lower Upper

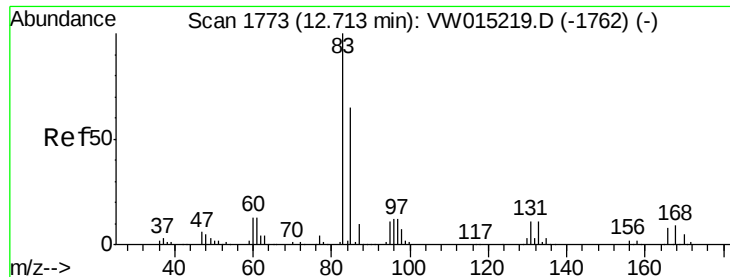
43 100

70 0.0 35.4 53.2#

55 0.0 18.5 27.7#

61 0.0 20.3 30.5#





#75

1,1,2,2-Tetrachloroethane

Concen: 406.790 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW015288.D

Acq: 22 Apr 2020 03:10

Instrument :

MSVOA_W

ClientSampleId :

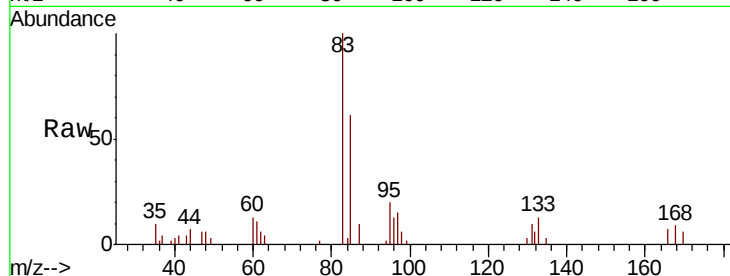
Tot Ion: 83 Resp: 4429

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.2

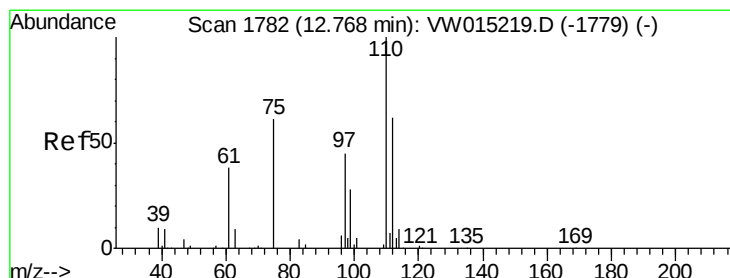
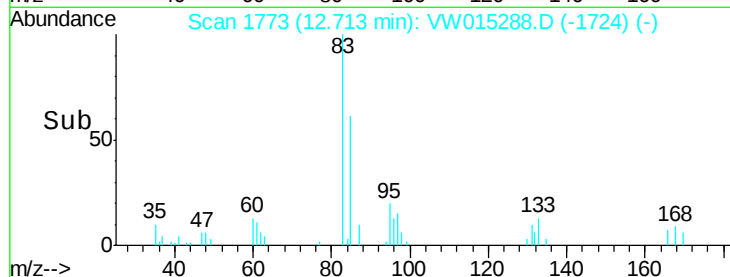
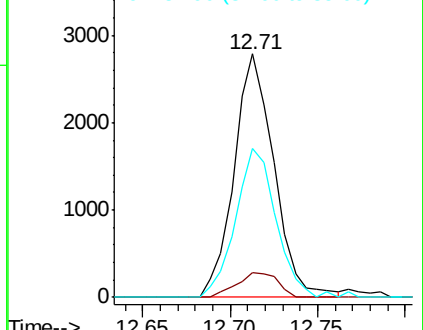
85 62.3 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 450.322 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW015288.D

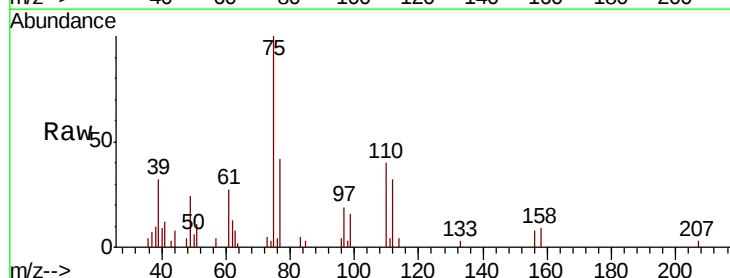
Acq: 22 Apr 2020 03:10

Tgt Ion: 75 Resp: 3853

Ion Ratio Lower Upper

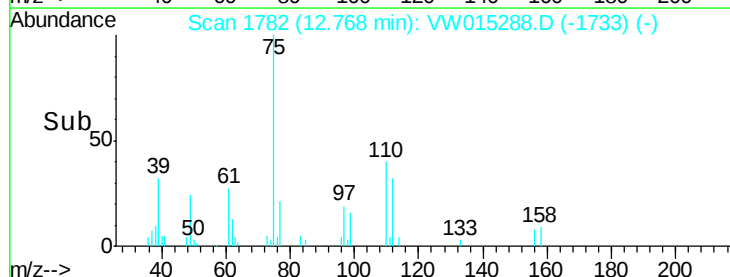
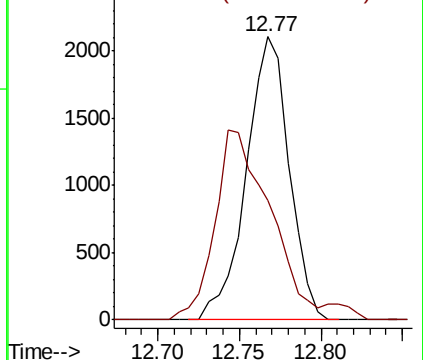
75 100

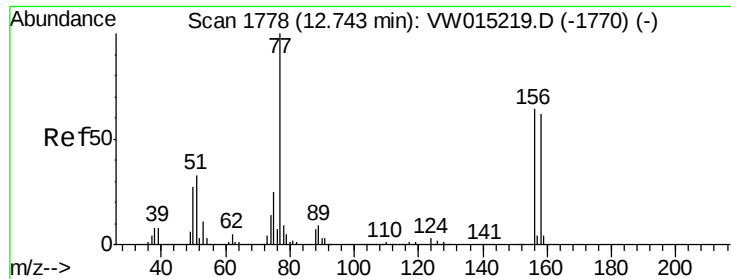
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 89.624 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VW015288.D

Acq: 22 Apr 2020 03:10

Instrument :

MSVOA_W

ClientSampleId :

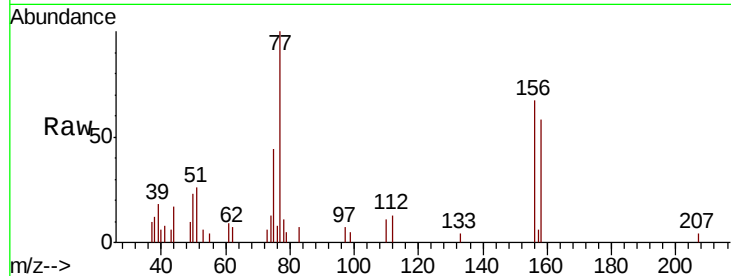
Tot Ion:156 Resp: 1579

Ion Ratio Lower Upper

156 100

77 219.5 100.5 301.5

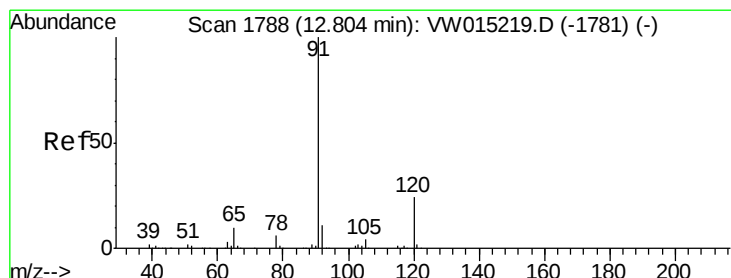
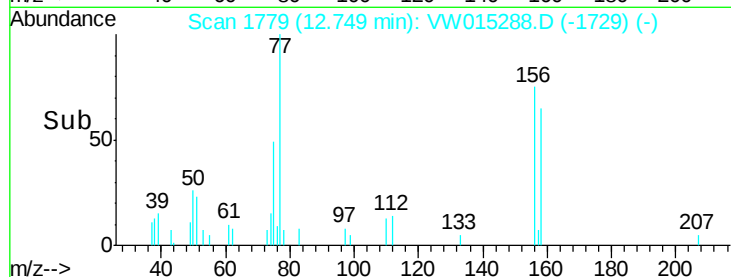
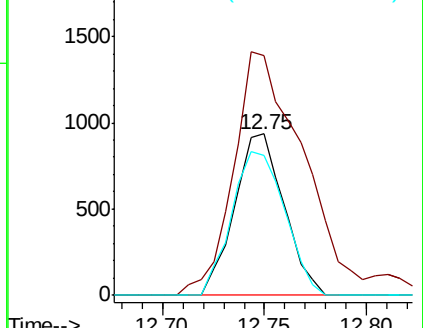
158 95.6 47.9 143.8



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: 31.461 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW015288.D

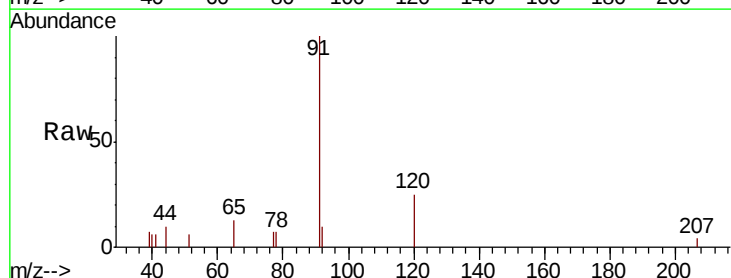
Acq: 22 Apr 2020 03:10

Tgt Ion: 91 Resp: 2809

Ion Ratio Lower Upper

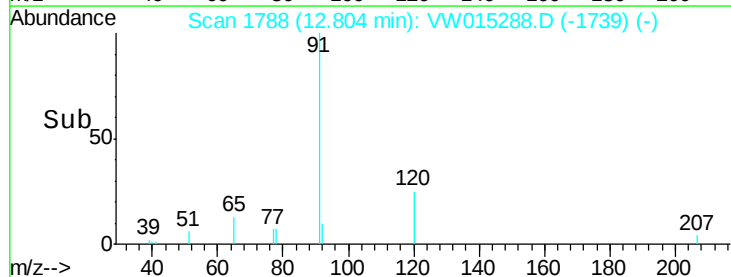
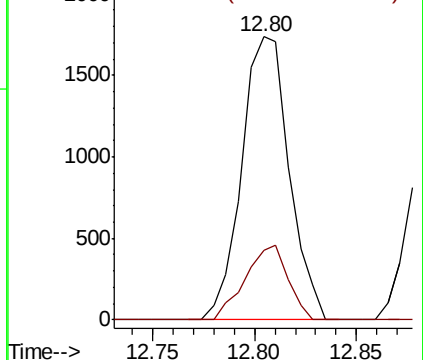
91 100

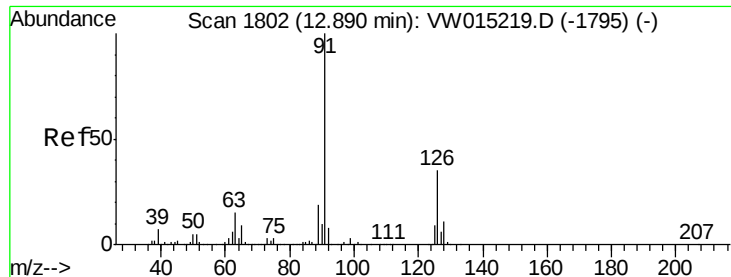
120 23.9 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 64.054 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW015288.D

Acq: 22 Apr 2020 03:10

Instrument :

MSVOA_W

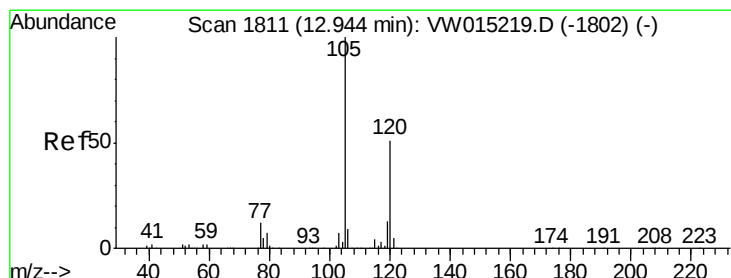
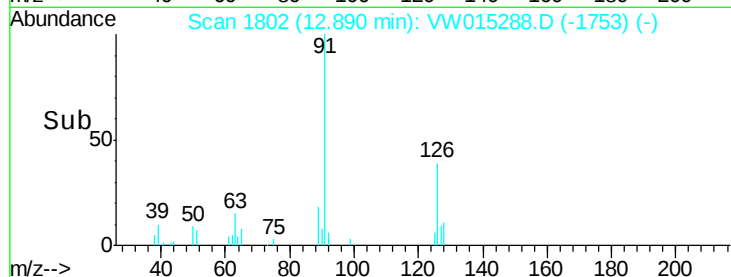
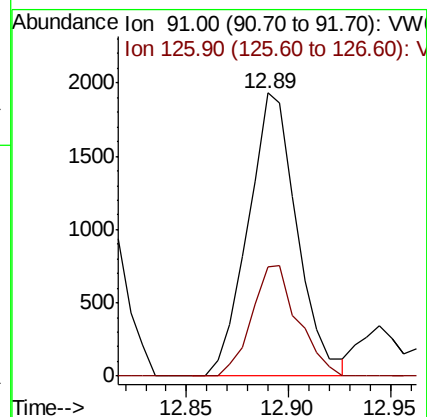
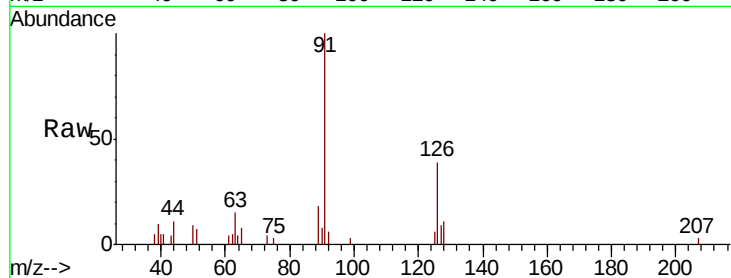
ClientSampleId :

Tot Ion: 91 Resp: 3223

Ion Ratio Lower Upper

91 100

126 36.7 16.8 50.4



#80

1,3,5-Trimethylbenzene

Concen: 63.491 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW015288.D

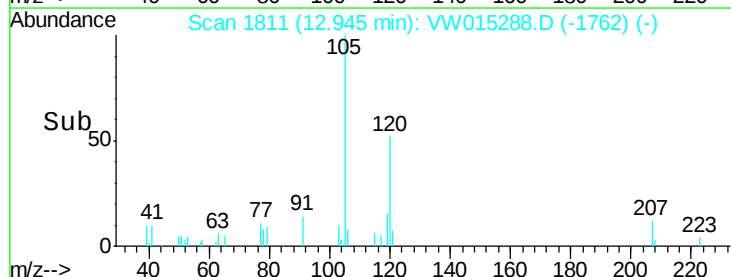
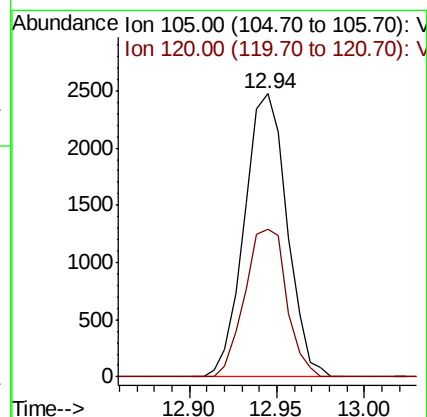
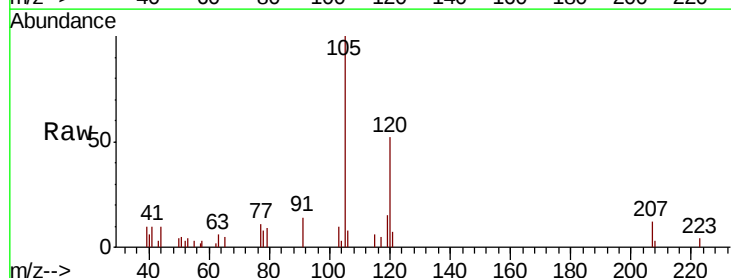
Acq: 22 Apr 2020 03:10

Tgt Ion:105 Resp: 4194

Ion Ratio Lower Upper

105 100

120 51.2 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 32.192 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW015288.D

Acq: 22 Apr 2020 03:10

Instrument :

MSVOA_W

ClientSampleId :

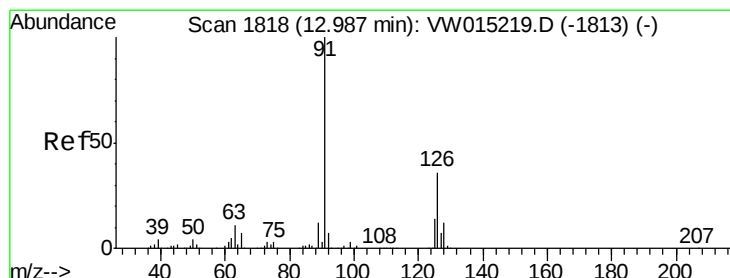
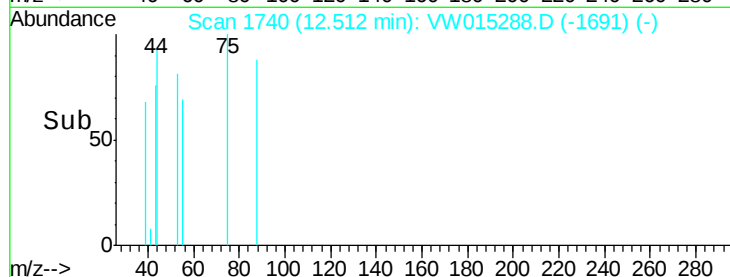
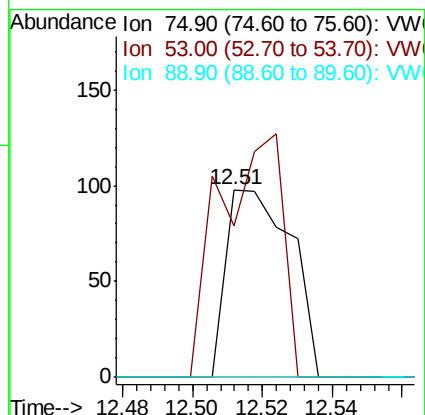
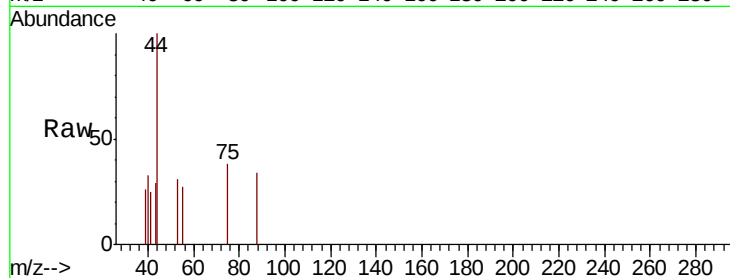
Tot Ion: 75 Resp: 126

Ion Ratio Lower Upper

75 100

53 124.6 69.4 104.2#

89 0.0 34.8 52.2#



#82

4-Chlorotoluene

Concen: 40.225 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VW015288.D

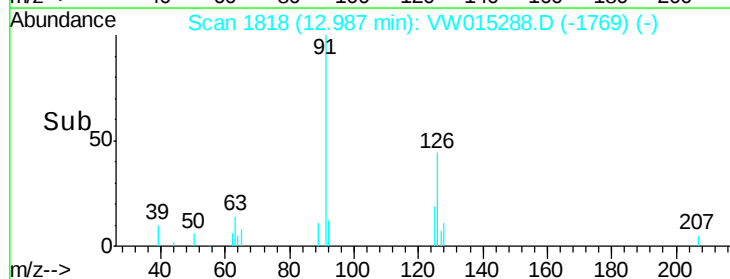
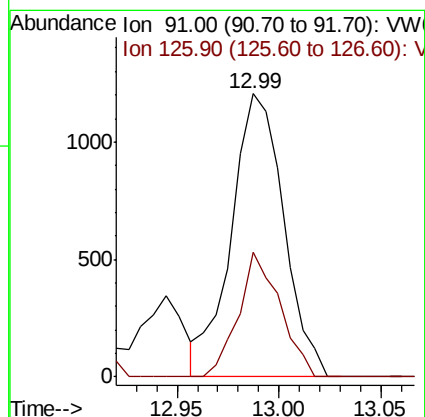
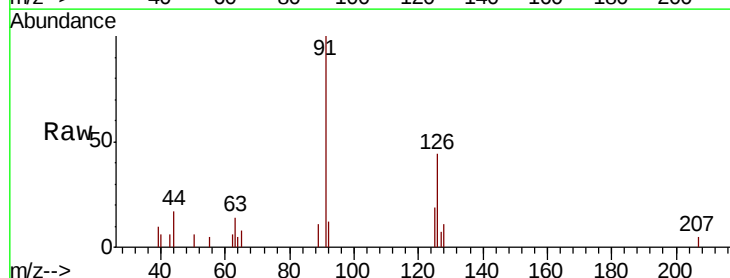
Acq: 22 Apr 2020 03:10

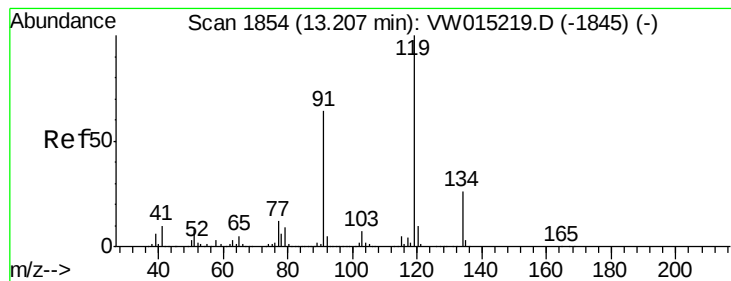
Tgt Ion: 91 Resp: 2149

Ion Ratio Lower Upper

91 100

126 34.9 16.8 50.3





#83

tert-Butylbenzene

Concen: 72.573 ug/l

RT: 13.20 min Scan# 1853

Delta R.T. -0.01 min

Lab File: VW015288.D

Acq: 22 Apr 2020 03:10

Instrument :

MSVOA_W

ClientSampleId :

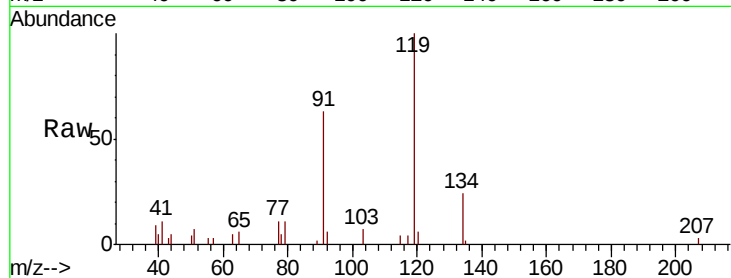
Tot Ion:119 Resp: 4190

Ion Ratio Lower Upper

119 100

91 60.6 32.8 98.3

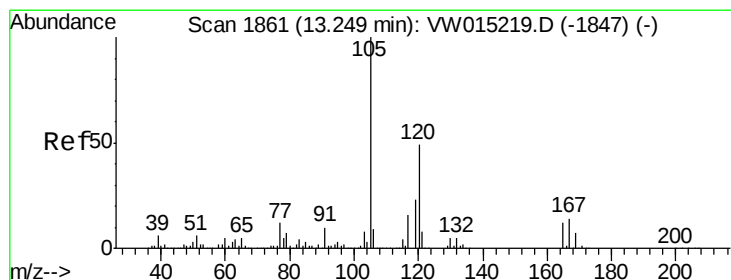
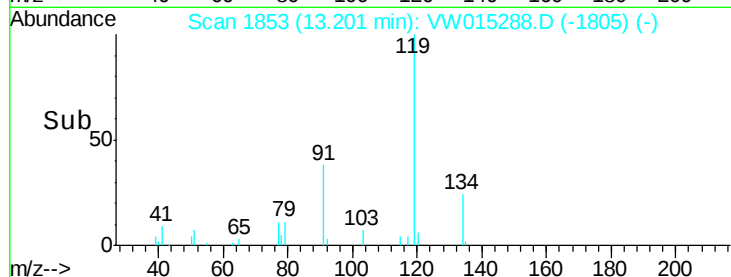
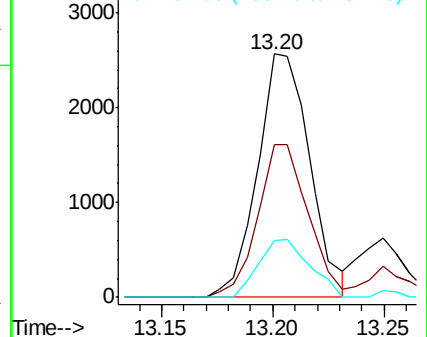
134 23.4 13.3 39.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VW

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 61.885 ug/l

RT: 13.25 min Scan# 1861

Delta R.T. 0.00 min

Lab File: VW015288.D

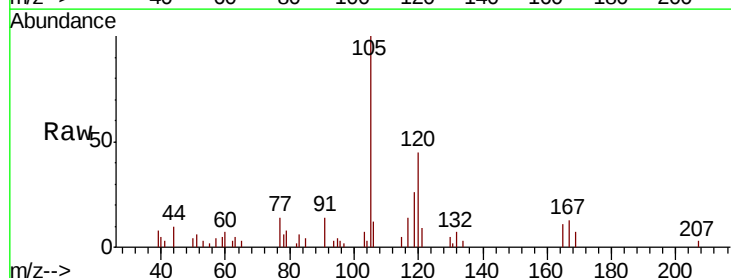
Acq: 22 Apr 2020 03:10

Tgt Ion:105 Resp: 4032

Ion Ratio Lower Upper

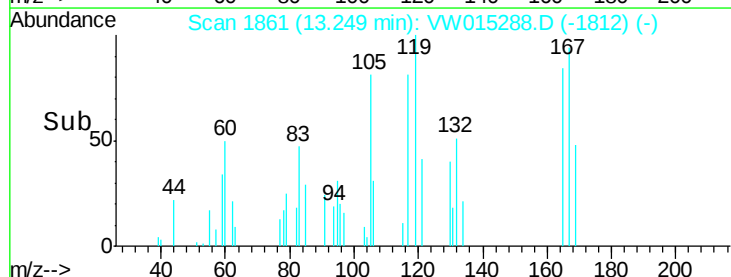
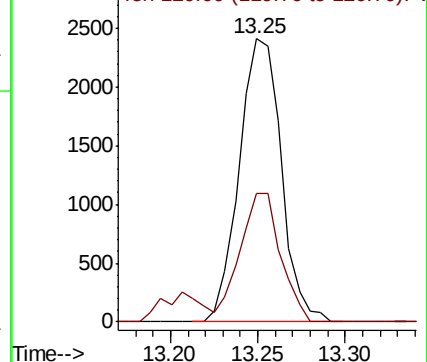
105 100

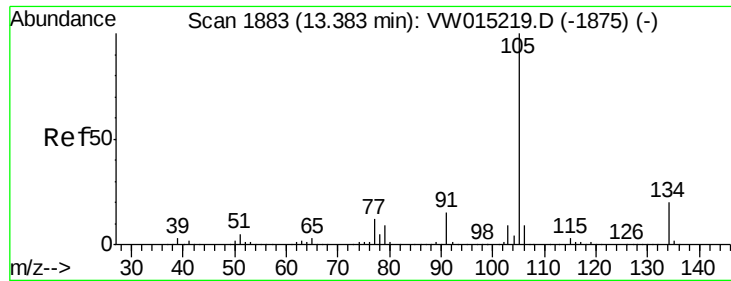
120 43.7 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

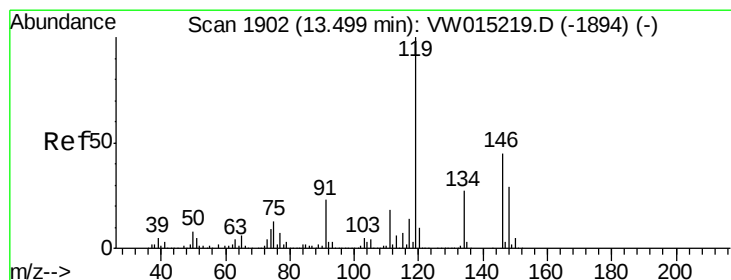
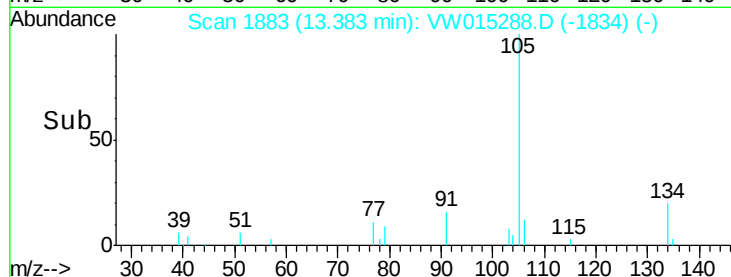
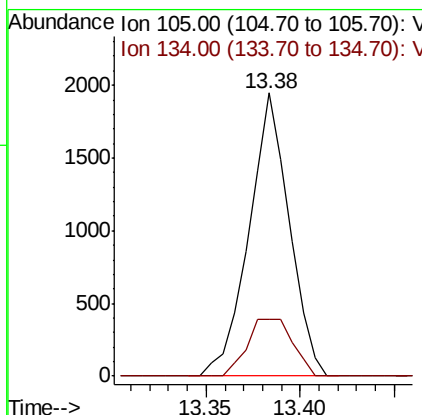
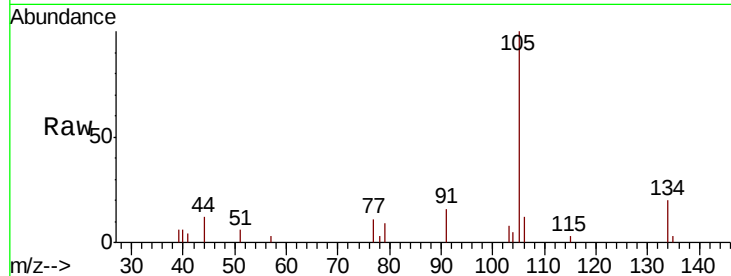




#85
 sec-Butylbenzene
 Concen: 36.120 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW015288.D
 Acq: 22 Apr 2020 03:10

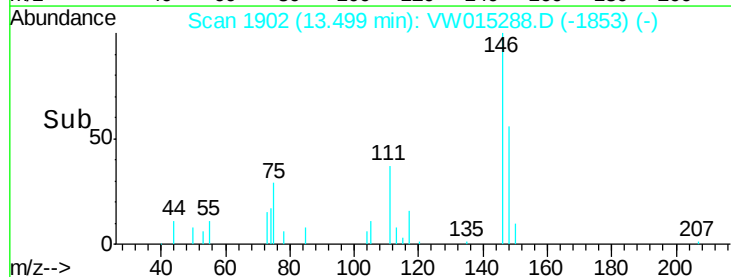
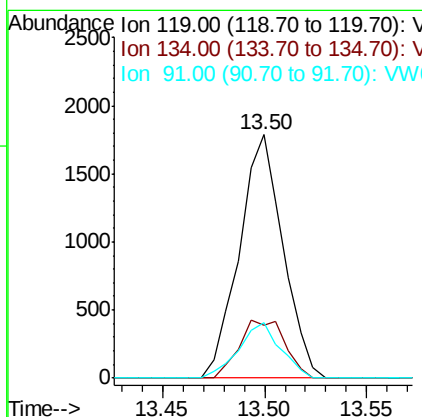
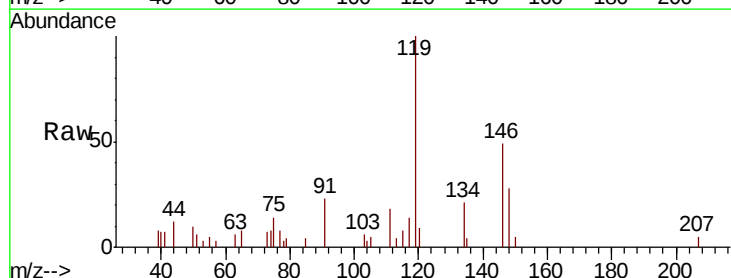
Instrument :
 MSVOA_W
 ClientSampleId :

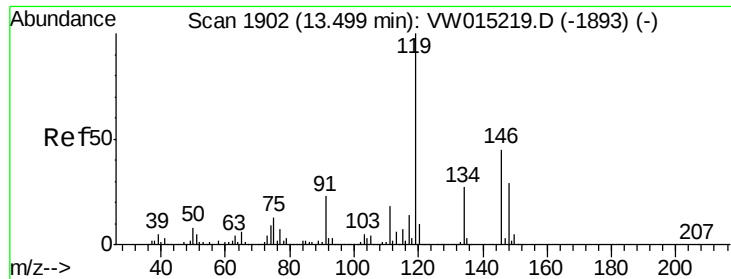
Tot Ion:105 Resp: 2880
 Ion Ratio Lower Upper
 105 100
 134 22.7 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 35.821 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW015288.D
 Acq: 22 Apr 2020 03:10

Tgt Ion:119 Resp: 2654
 Ion Ratio Lower Upper
 119 100
 134 24.9 13.3 39.9
 91 21.8 12.0 36.1

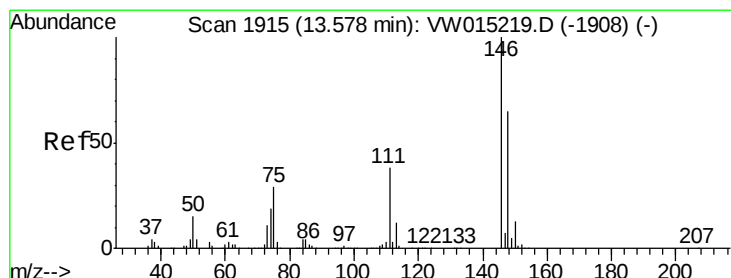
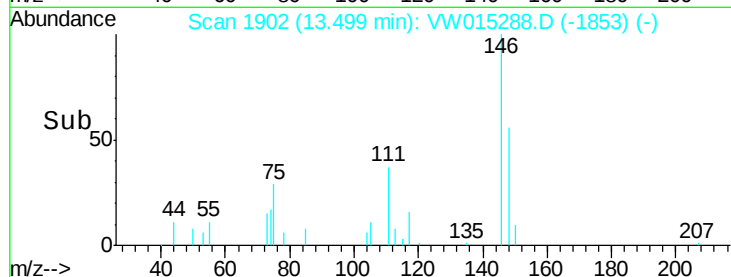
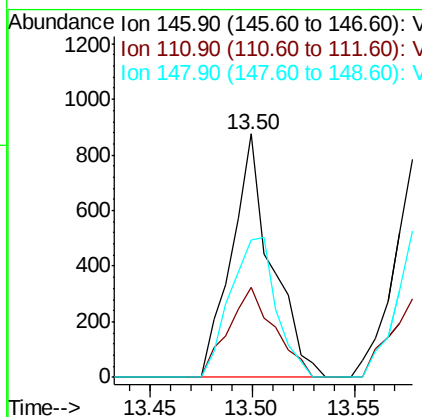
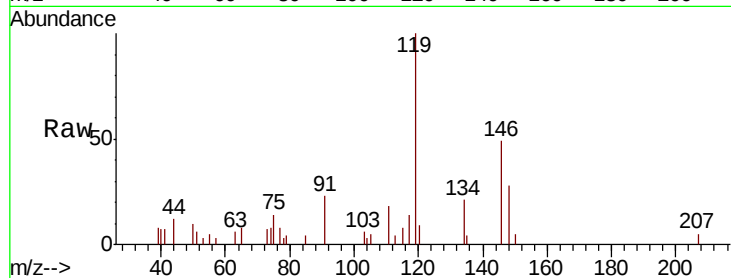




#87
 1,3-Dichlorobenzene
 Concen: 33.880 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW015288.D
 Acq: 22 Apr 2020 03:10

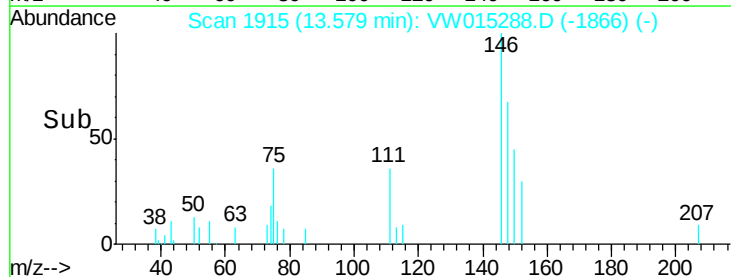
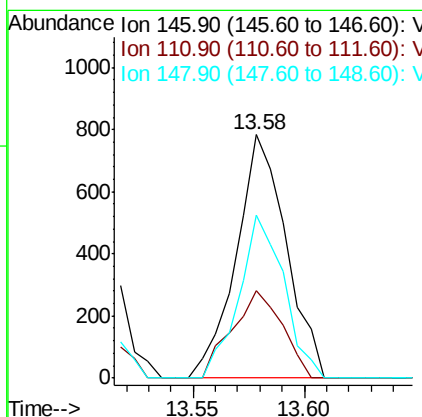
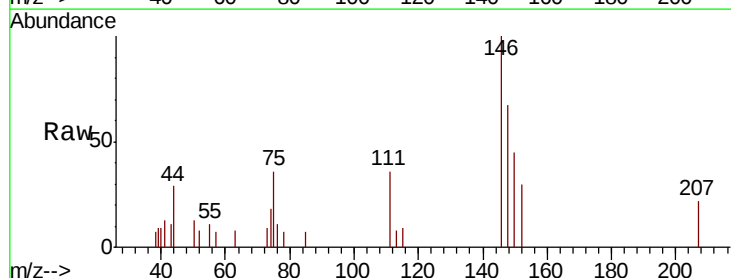
Instrument :
 MSVOA_W
 ClientSampled :

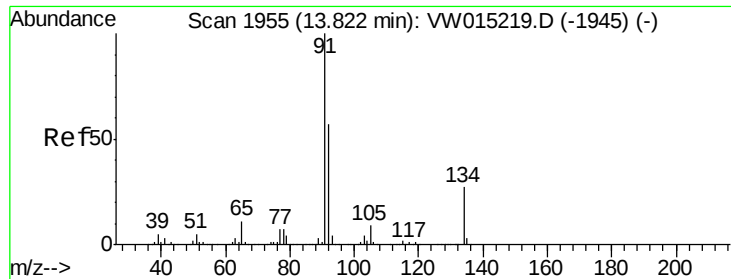
Tot Ion:146 Resp: 1186
 Ion Ratio Lower Upper
 146 100
 111 42.8 21.1 63.4
 148 66.4 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 35.583 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW015288.D
 Acq: 22 Apr 2020 03:10

Tgt Ion:146 Resp: 1221
 Ion Ratio Lower Upper
 146 100
 111 36.0 20.4 61.3
 148 60.4 31.5 94.5





#89

n-Butylbenzene

Concen: 11.917 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.01 min

Lab File: VW015288.D

Acq: 22 Apr 2020 03:10

Instrument :

MSVOA_W

ClientSampleId :

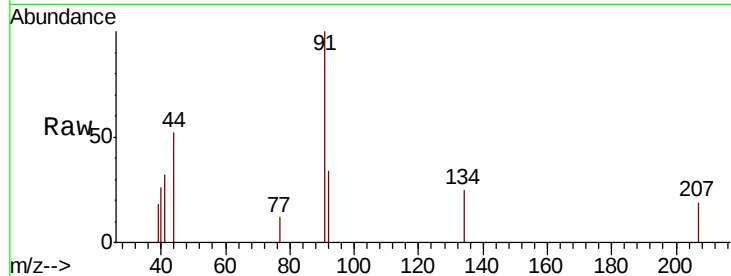
Tot Ion: 91 Resp: 807

Ion Ratio Lower Upper

91 100

92 45.7 27.6 82.7

134 23.0 12.8 38.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V

13.83

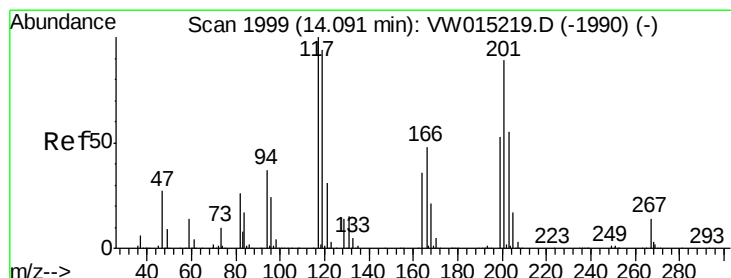
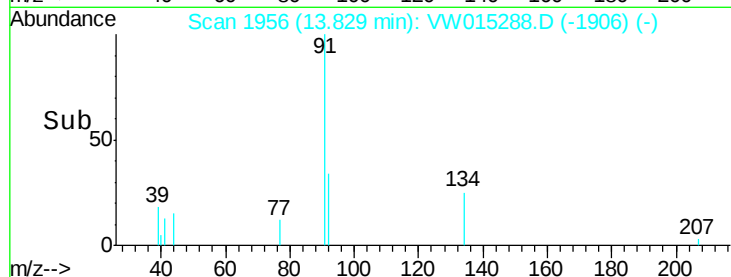
400

200

0

13.80 13.85

Time-->



#90

Hexachloroethane

Concen: 63.367 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. 0.00 min

Lab File: VW015288.D

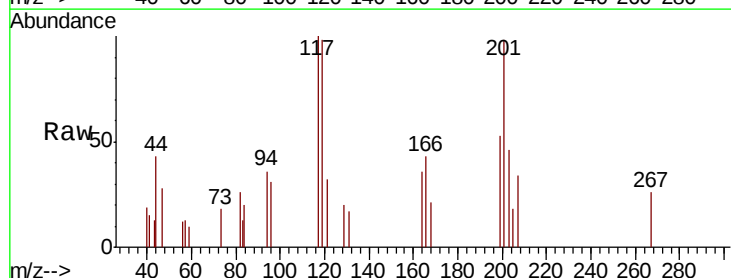
Acq: 22 Apr 2020 03:10

Tgt Ion: 117 Resp: 861

Ion Ratio Lower Upper

117 100

201 94.7 33.6 100.6



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

14.09

600

500

400

300

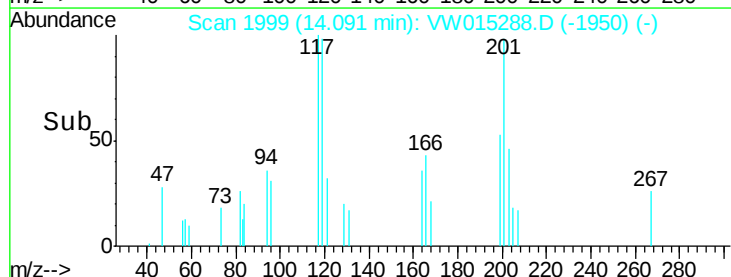
200

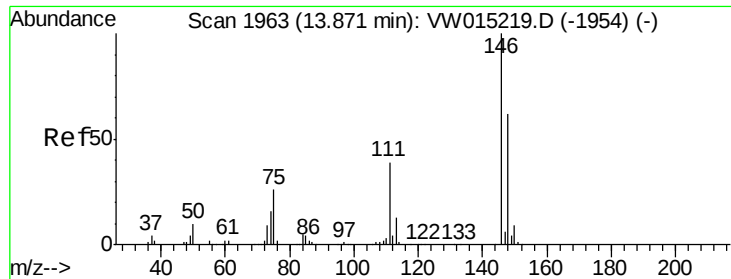
100

0

14.05 14.10 14.15

Time-->

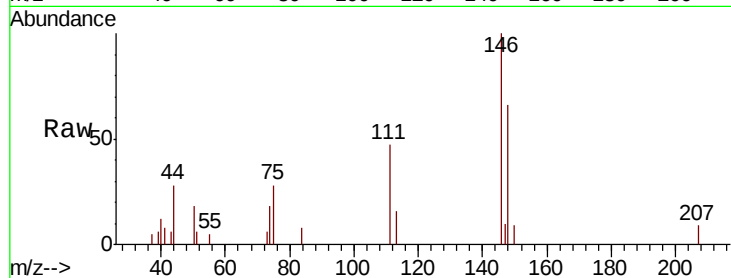




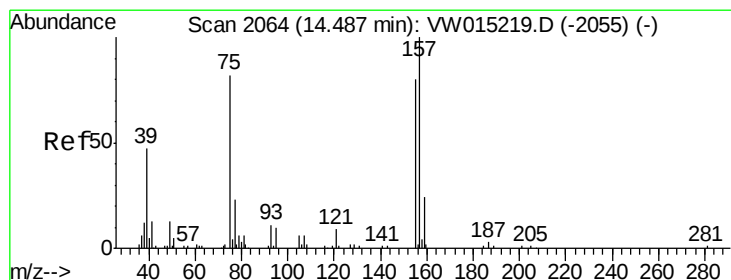
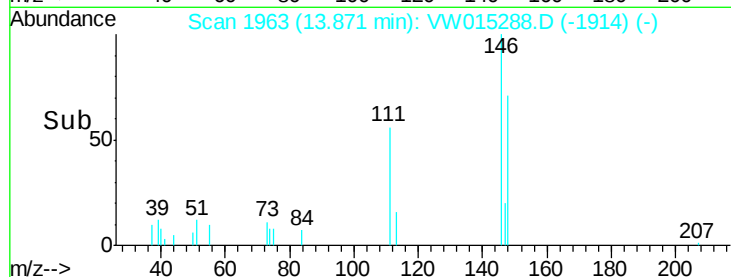
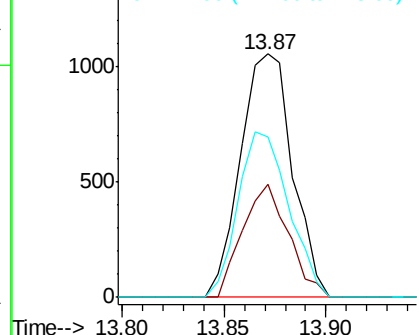
#91
 1,2-Dichlorobenzene
 Concen: 61.310 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW015288.D
 Acq: 22 Apr 2020 03:10

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	21.6	65.0
148	66.2	31.0	93.0

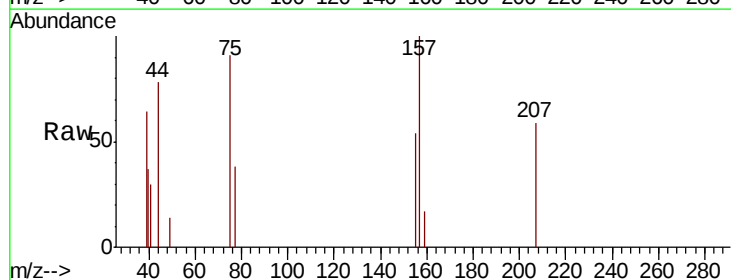


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

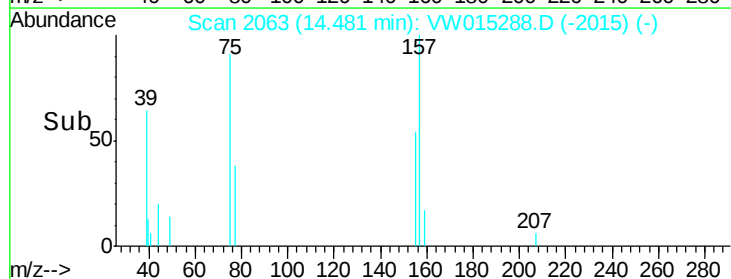
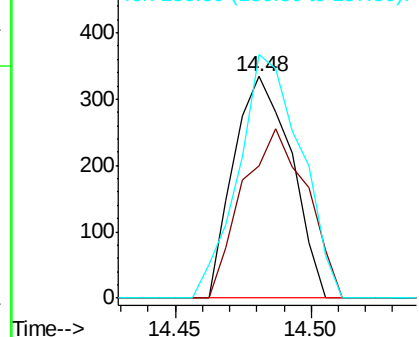


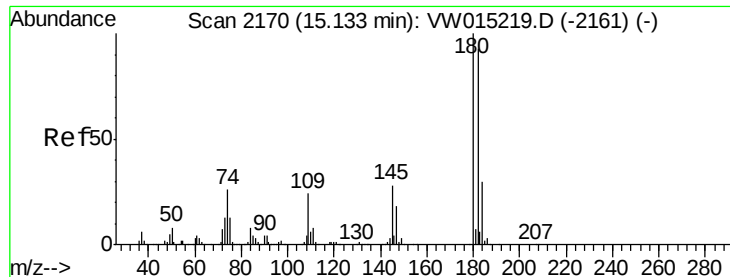
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 248.690 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: VW015288.D
 Acq: 22 Apr 2020 03:10

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.7	41.6	124.9
157	119.6	53.8	161.2



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

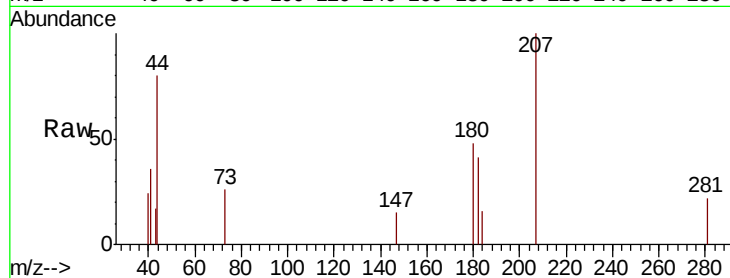




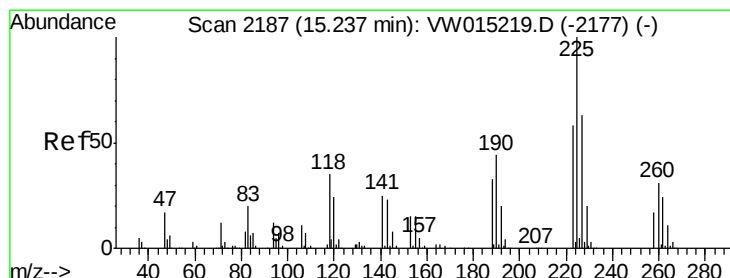
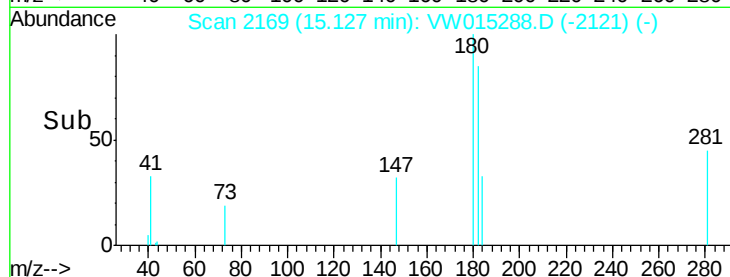
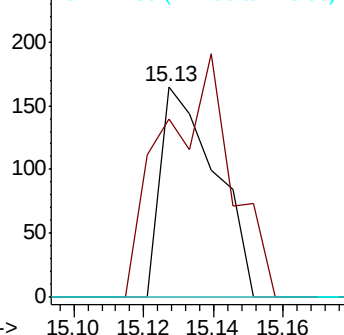
#93
 1,2,4-Trichlorobenzene
 Concen: 8.513 ug/l
 RT: 15.13 min Scan# 2169
 Delta R.T. -0.01 min
 Lab File: VW015288.D
 Acq: 22 Apr 2020 03:10

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion:180 Resp: 180
 Ion Ratio Lower Upper
 180 100
 182 142.2 47.1 141.4#
 145 0.0 16.2 48.6#

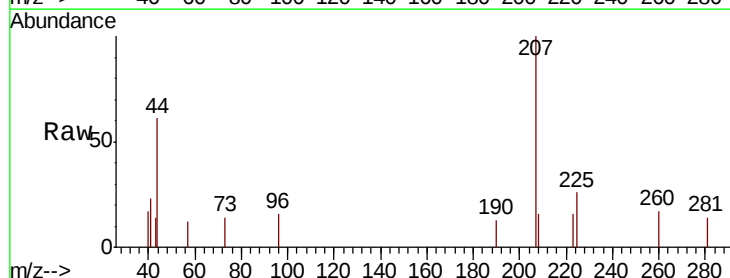


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

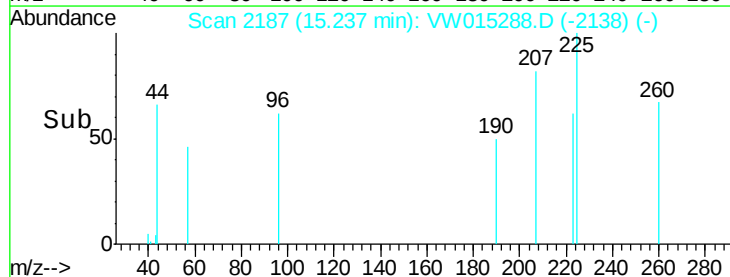
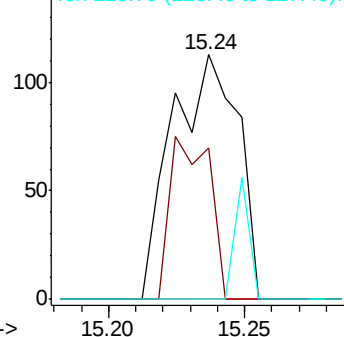


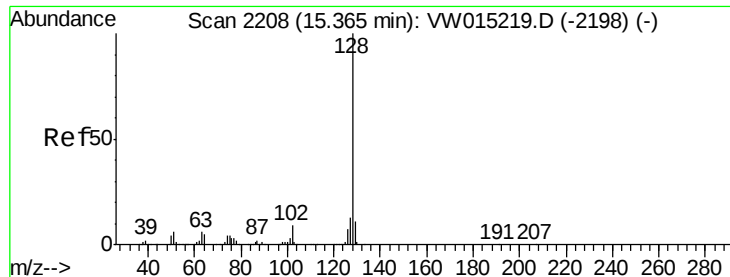
#94
 Hexachlorobutadiene
 Concen: 13.408 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW015288.D
 Acq: 22 Apr 2020 03:10

Tgt Ion:225 Resp: 189
 Ion Ratio Lower Upper
 225 100
 223 0.0 31.0 93.0#
 227 10.6 30.8 92.3#



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 40.574 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VW015288.D

Acq: 22 Apr 2020 03:10

Instrument :

MSVOA_W

ClientSampleId :

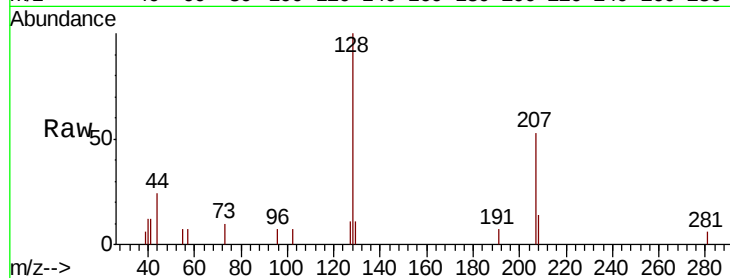
Tot Ion:128 Resp: 1380

Ion Ratio Lower Upper

128 100

127 10.3 10.3 15.5#

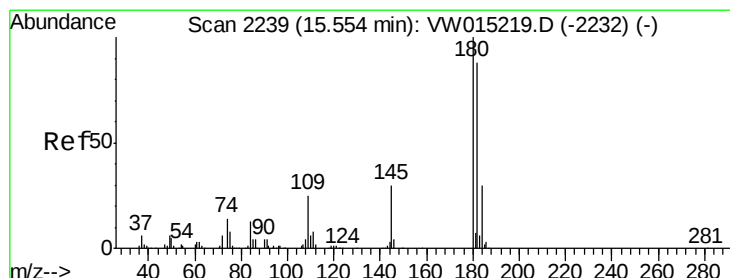
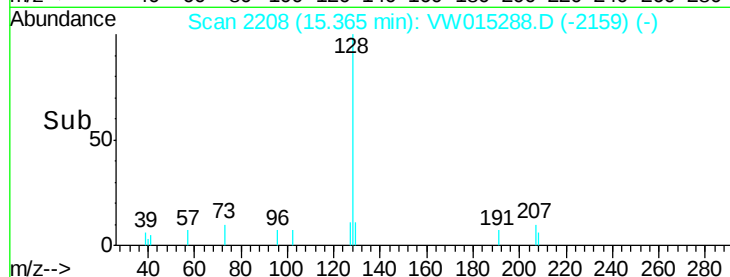
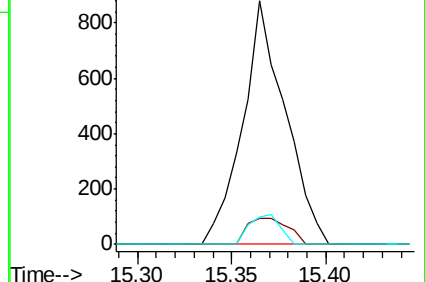
129 8.8 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 22.205 ug/l

RT: 15.56 min Scan# 2240

Delta R.T. 0.01 min

Lab File: VW015288.D

Acq: 22 Apr 2020 03:10

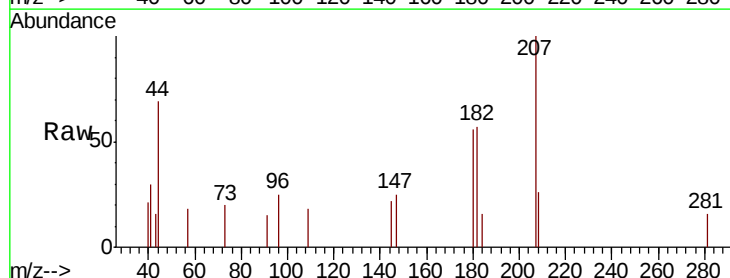
Tgt Ion:180 Resp: 382

Ion Ratio Lower Upper

180 100

182 92.1 48.8 146.3

145 38.7 17.2 51.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

