

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042020\
 Data File : VW015219.D
 Acq On : 20 Apr 2020 13:19
 Operator : SY/VA
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 20 13:47:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 20 13:45:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	232721	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	329065	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	309764	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	173073	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	94547	42.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.94%	
35) Dibromofluoromethane	7.88	113	92860	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	
50) Toluene-d8	10.32	98	392752	53.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.26%	
62) 4-Bromofluorobenzene	12.62	95	151198	58.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	89903	60.670	ug/l	96
3) Chloromethane	2.21	50	97394	47.425	ug/l	99
4) Vinyl Chloride	2.36	62	115632	47.815	ug/l	98
5) Bromomethane	2.77	94	80742	63.421	ug/l	91
6) Chloroethane	2.92	64	69149	57.967	ug/l	99
7) Trichlorofluoromethane	3.26	101	156036	100.693	ug/l	98
8) Diethyl Ether	3.69	74	43973	36.809	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	4.06	101	94540	40.146	ug/l	93
10) Methyl Iodide	4.28	142	114002	32.418	ug/l	99
11) Tert butyl alcohol	5.17	59	31780	194.543	ug/l	99
12) 1,1-Dichloroethene	4.04	96	91210	37.607	ug/l	97
13) Acrolein	3.90	56	17910	105.458	ug/l	100
14) Allyl chloride	4.68	41	123848	34.519	ug/l	88
15) Acrylonitrile	5.37	53	83153	165.851	ug/l	99
16) Acetone	4.13	43	78758	200.943	ug/l	96
17) Carbon Disulfide	4.39	76	283899	38.459	ug/l	98
18) Methyl Acetate	4.68	43	38876	32.436	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	214142	67.418	ug/l	97
20) Methylene Chloride	4.92	84	100331	36.964	ug/l	92
21) trans-1,2-Dichloroethene	5.43	96	105675	41.296	ug/l	96
22) Diisopropyl ether	6.32	45	239602	33.113	ug/l	95
23) Vinyl Acetate	6.26	43	700401	166.673	ug/l	97
24) 1,1-Dichloroethane	6.22	63	165172	38.394	ug/l	98
25) 2-Butanone	7.17	43	102315	163.128	ug/l	95
26) 2,2-Dichloropropane	7.17	77	167605	58.539	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	113651	41.198	ug/l	99
28) Bromochloromethane	7.51	49	62716	34.881	ug/l #	77
29) Tetrahydrofuran	7.53	42	64067	155.830	ug/l	90
30) Chloroform	7.68	83	178381	42.329	ug/l	100
31) Cyclohexane	7.96	56	157284	34.203	ug/l	90
32) 1,1,1-Trichloroethane	7.87	97	169183	47.657	ug/l	99
36) 1,1-Dichloropropene	8.09	75	143500	48.814	ug/l	98
37) Ethyl Acetate	7.26	43	45575	37.250	ug/l #	96
38) Carbon Tetrachloride	8.07	117	154393	57.125	ug/l	99

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Quant Time: Apr 20 13:47:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 20 13:45:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	188453	47.705	ug/l	98
40) Benzene	8.32	78	385871	46.226	ug/l	96
41) Methacrylonitrile	7.48	41	25022	34.564	ug/l #	84
42) 1,2-Dichloroethane	8.40	62	111119	52.450	ug/l	99
43) Isopropyl Acetate	8.43	43	96004	40.153	ug/l	96
44) Trichloroethene	9.09	130	117265	53.464	ug/l	96
45) 1,2-Dichloropropane	9.37	63	88588	43.135	ug/l	99
46) Dibromomethane	9.46	93	50195	48.904	ug/l #	89
47) Bromodichloromethane	9.65	83	135998	51.104	ug/l	99
48) Methyl methacrylate	9.43	41	47459	42.437	ug/l	92
49) 1,4-Dioxane	9.45	88	14388	883.579	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	225180	178.067	ug/l	97
52) Toluene	10.38	92	270422	50.612	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	136648	50.470	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	158027	48.380	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	70666	48.590	ug/l	99
56) Ethyl methacrylate	10.65	69	92434	46.123	ug/l	93
57) 1,3-Dichloropropane	10.93	76	118884	46.509	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	225155	227.002	ug/l	91
59) 2-Hexanone	10.97	43	162521	204.775	ug/l	98
60) Dibromochloromethane	11.13	129	94660	54.551	ug/l	99
61) 1,2-Dibromoethane	11.23	107	70112	50.023	ug/l	100
64) Tetrachloroethene	10.86	164	104376	57.364	ug/l	95
65) Chlorobenzene	11.65	112	292674	50.213	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	104769	52.006	ug/l	97
67) Ethyl Benzene	11.73	91	545415	49.568	ug/l	100
68) m/p-Xylenes	11.84	106	435699	104.341	ug/l	98
69) o-Xylene	12.16	106	202679	51.785	ug/l	99
70) Styrene	12.18	104	347018	52.484	ug/l	100
71) Bromoform	12.35	173	58881	58.853	ug/l #	97
73) Isopropylbenzene	12.46	105	560448	43.422	ug/l	100
74) N-amyl acetate	12.27	43	98509	32.832	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.71	83	76932	35.574	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	106596	71.948	ug/l #	100
77) Bromobenzene	12.74	156	132918	49.707	ug/l	84
78) n-propylbenzene	12.80	91	662149	42.539	ug/l	97
79) 2-Chlorotoluene	12.89	91	375346	43.620	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	491914	45.262	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	29063	37.953	ug/l	96
82) 4-Chlorotoluene	12.99	91	399781	43.975	ug/l	98
83) tert-Butylbenzene	13.21	119	424971	45.097	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	487462	45.127	ug/l	100
85) sec-Butylbenzene	13.38	105	593292	44.299	ug/l	98
86) p-Isopropyltoluene	13.50	119	562037	47.032	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	262736	49.318	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	257599	48.740	ug/l	97
89) n-Butylbenzene	13.82	91	511348	43.283	ug/l	98
90) Hexachloroethane	14.09	117	100049	43.545	ug/l	75
91) 1,2-Dichlorobenzene	13.87	146	227764	48.087	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	14496	41.399	ug/l	87

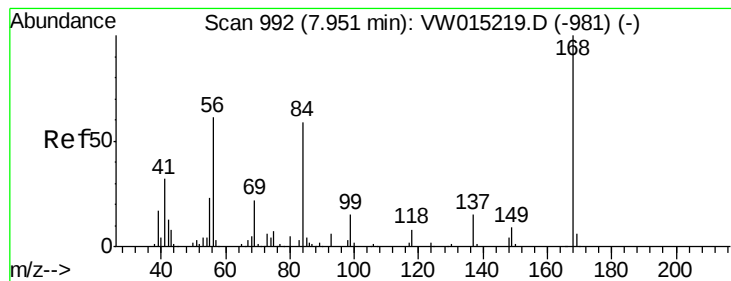
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Quant Title : SW846 8260
QLast Update : Mon Apr 20 13:45:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	160035	51.206	ug/l	98
94) Hexachlorobutadiene	15.24	225	102529	56.863	ug/l	98
95) Naphthalene	15.36	128	260531	43.333	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	130898	48.804	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW015219.D

Acq: 20 Apr 2020 13:19

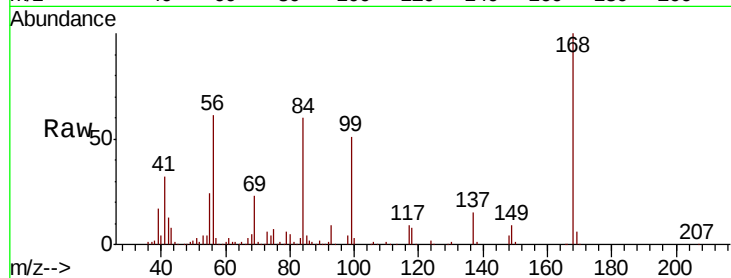
Instrument :
MSVOA_U
ClientSampled :

Tot Ion:168 Resp: 232721

Ion Ratio Lower Upper

168 100

99 51.0 48.5 72.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

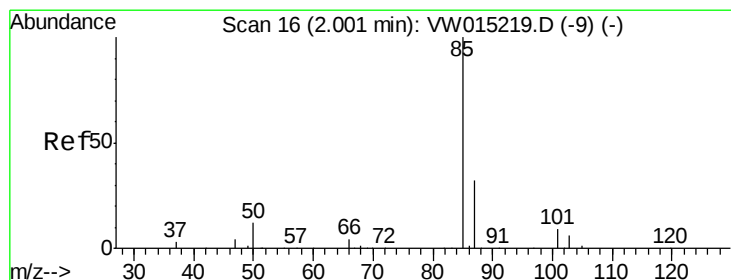
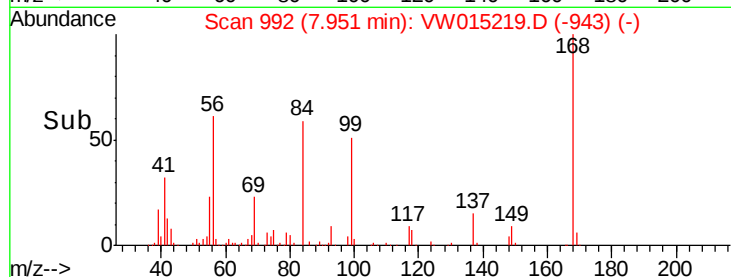
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 60.670 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW015219.D

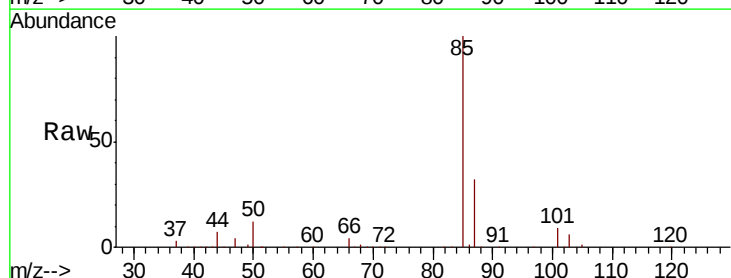
Acq: 20 Apr 2020 13:19

Tgt Ion: 85 Resp: 89903

Ion Ratio Lower Upper

85 100

87 32.4 17.2 51.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

80000

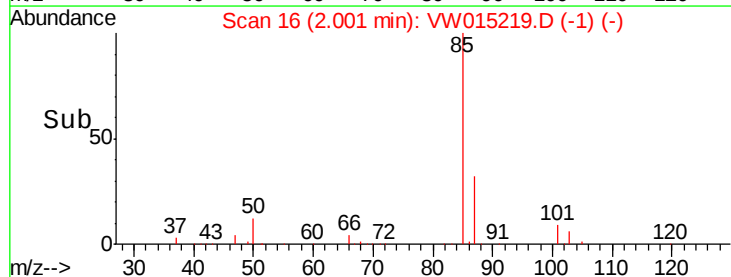
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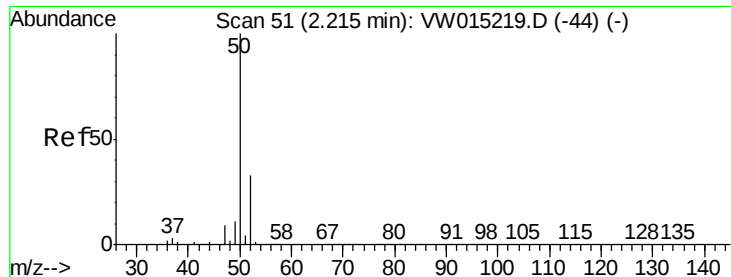
40000

20000

0

Time-->





#3

Chloromethane

Concen: 47.425 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW015219.D

Acq: 20 Apr 2020 13:19

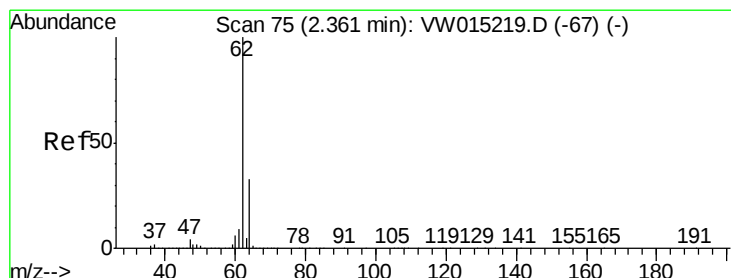
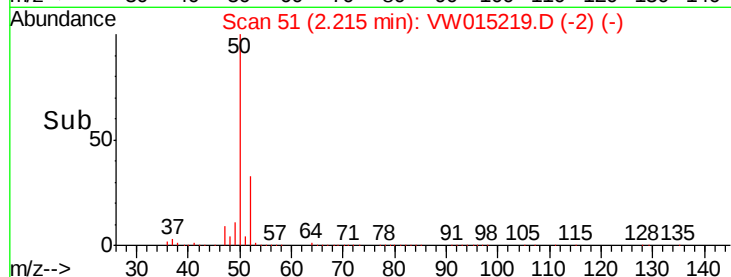
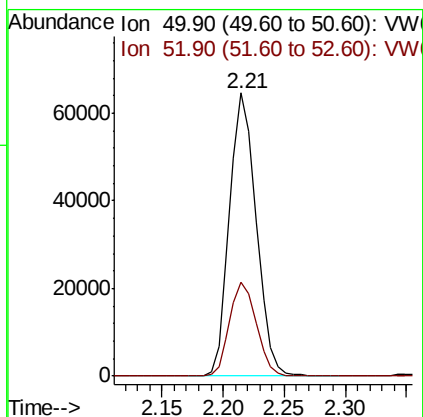
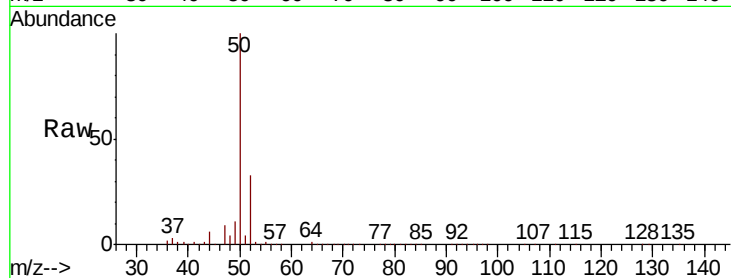
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 50 Resp: 97394

Ion Ratio Lower Upper

50 100

52 33.4 26.5 39.7



#4

Vinyl Chloride

Concen: 47.815 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW015219.D

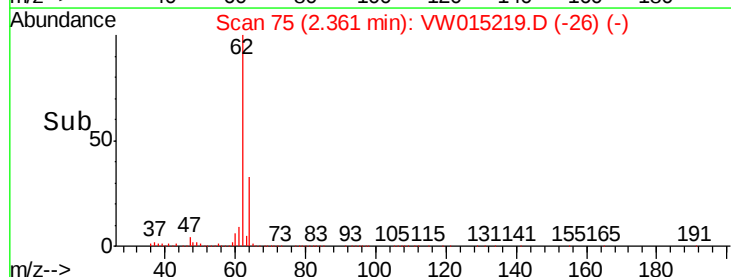
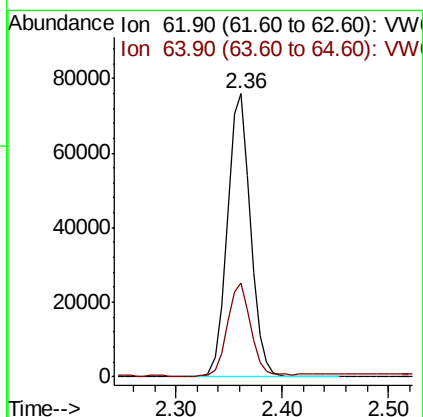
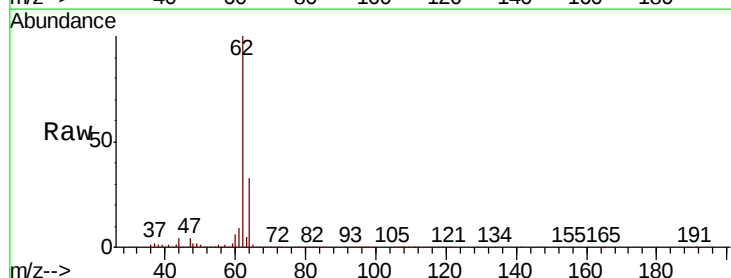
Acq: 20 Apr 2020 13:19

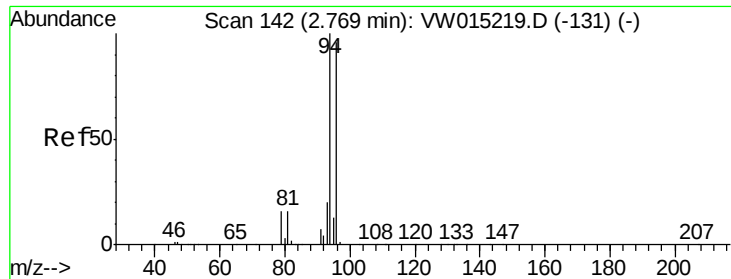
Tgt Ion: 62 Resp: 115632

Ion Ratio Lower Upper

62 100

64 32.8 25.4 38.2





#5

Bromomethane

Concen: 63.421 ug/l

RT: 2.77 min Scan# 142

Delta R.T. 0.00 min

Lab File: VW015219.D

Acq: 20 Apr 2020 13:19

Instrument :

MSVOA_U

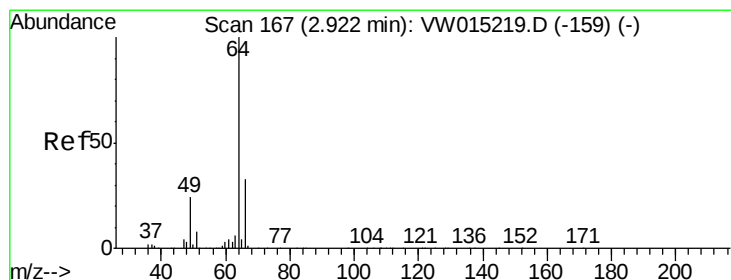
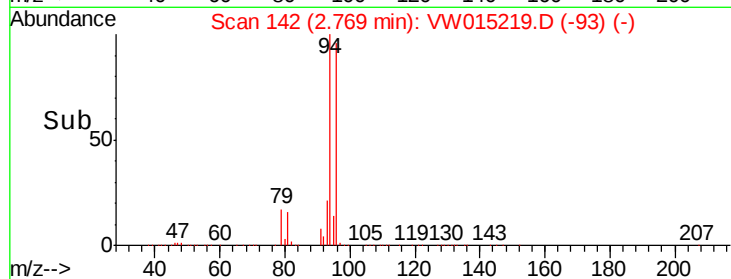
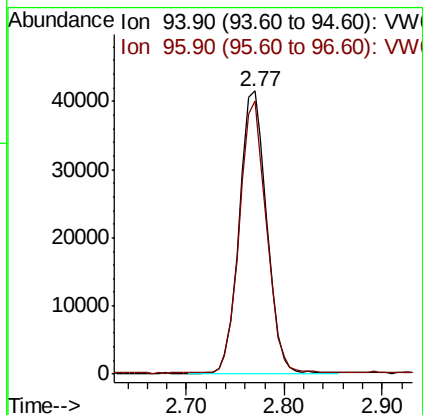
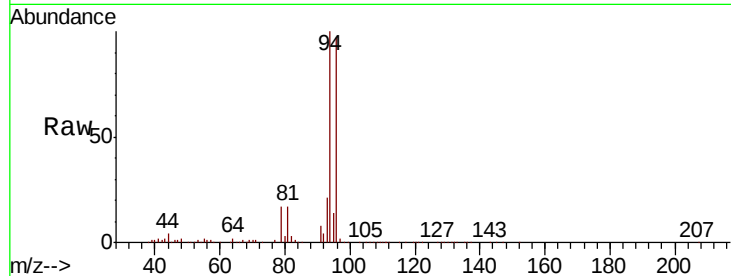
ClientSampleId :

Tot Ion: 94 Resp: 80742

Ion Ratio Lower Upper

94 100

96 96.3 70.4 105.6



#6

Chloroethane

Concen: 57.967 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.00 min

Lab File: VW015219.D

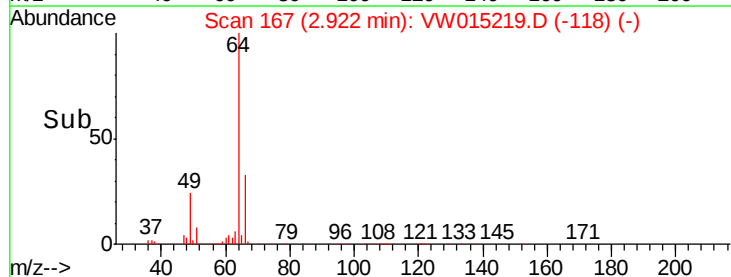
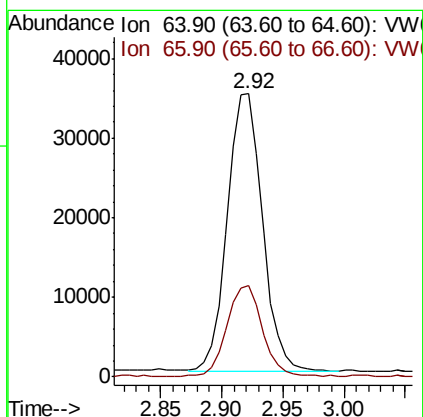
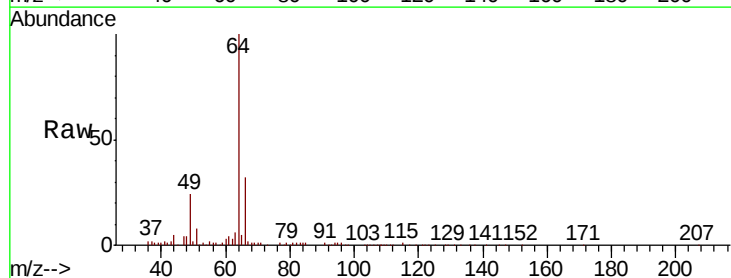
Acq: 20 Apr 2020 13:19

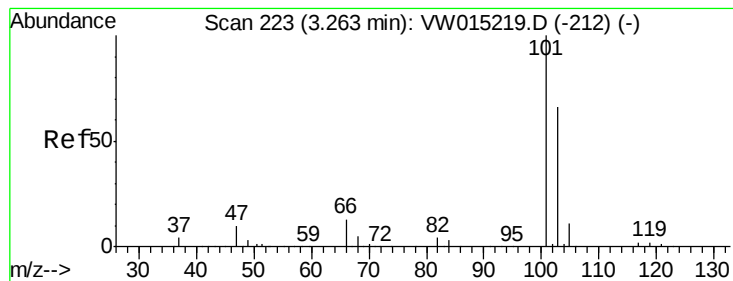
Tgt Ion: 64 Resp: 69149

Ion Ratio Lower Upper

64 100

66 32.6 25.8 38.6



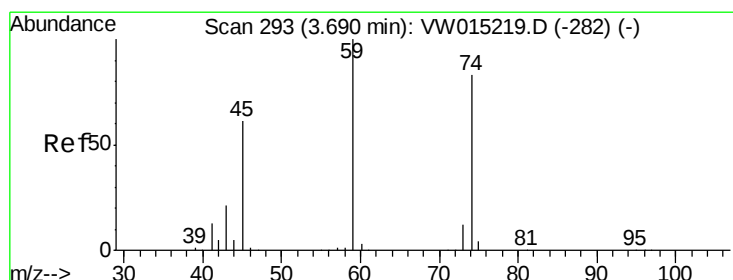
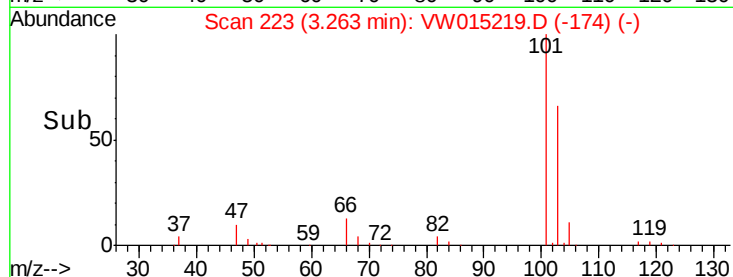
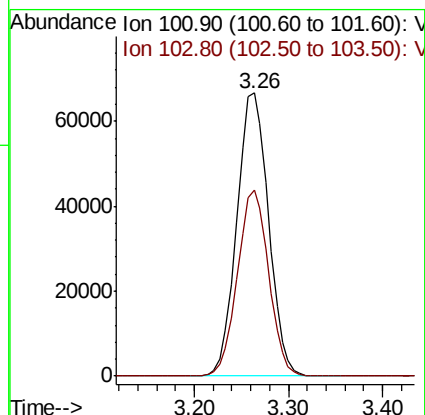
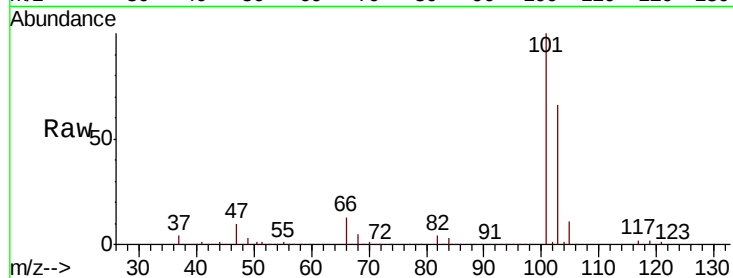


#7

Trichlorofluoromethane
Concen: 100.693 ug/l
RT: 3.26 min Scan# 223
Delta R.T. 0.00 min
Lab File: VW015219.D
Acq: 20 Apr 2020 13:19

Instrument :
MSVOA_U
ClientSampleId :

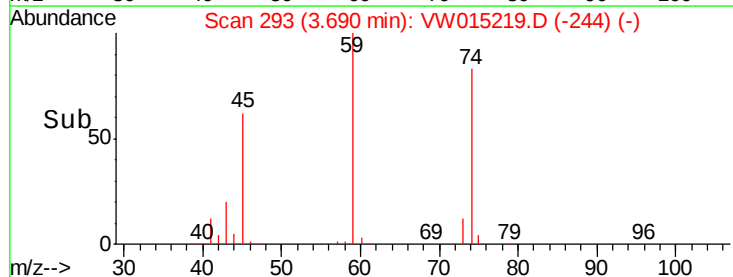
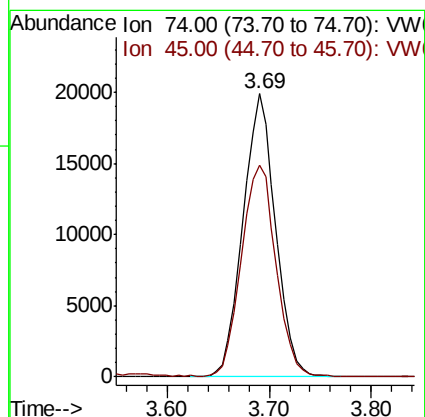
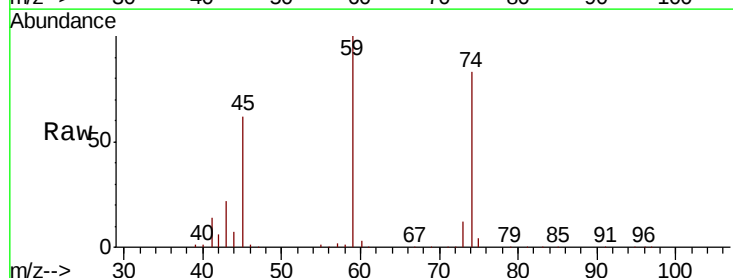
Tot Ion:101 Resp: 156036
Ion Ratio Lower Upper
101 100
103 65.7 51.3 76.9

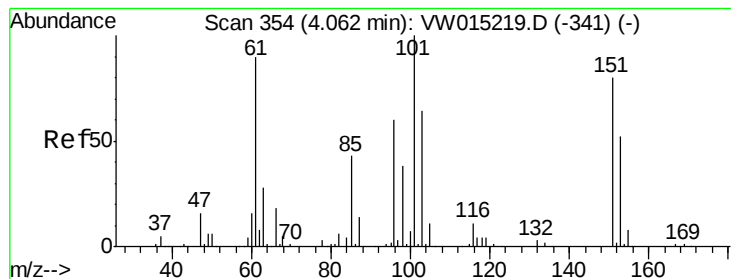


#8

Diethyl Ether
Concen: 36.809 ug/l
RT: 3.69 min Scan# 293
Delta R.T. 0.00 min
Lab File: VW015219.D
Acq: 20 Apr 2020 13:19

Tgt Ion: 74 Resp: 43973
Ion Ratio Lower Upper
74 100
45 79.9 45.5 136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 40.146 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW015219.D

Acq: 20 Apr 2020 13:19

Instrument :

MSVOA_U

ClientSampleId :

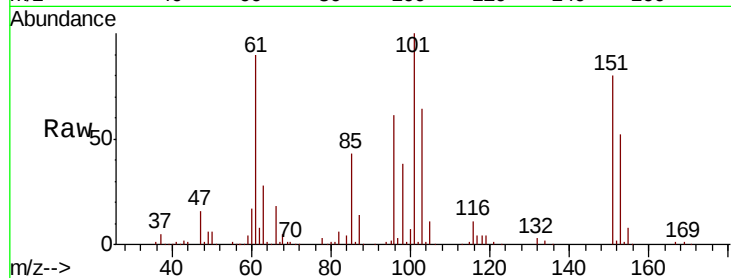
Tot Ion:101 Resp: 94540

Ion Ratio Lower Upper

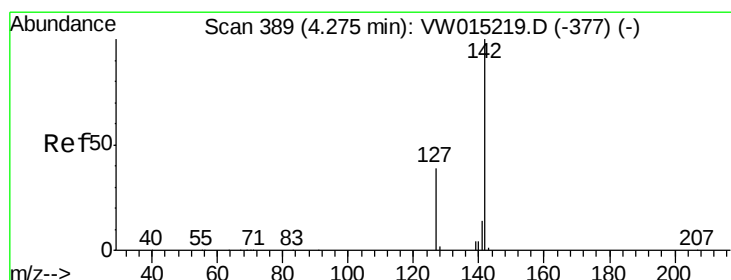
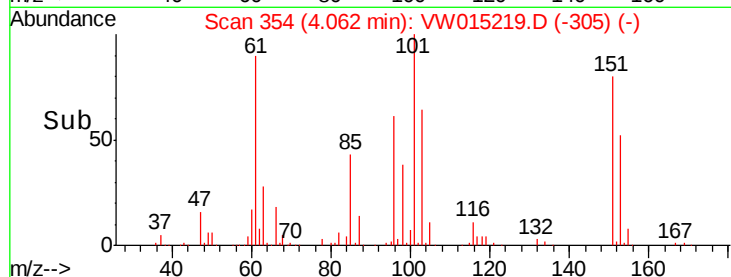
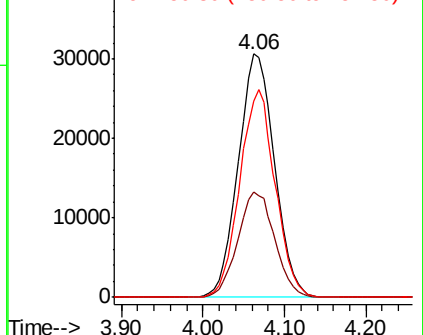
101 100

85 44.2 35.3 52.9

151 83.3 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: 32.418 ug/l

RT: 4.28 min Scan# 389

Delta R.T. 0.00 min

Lab File: VW015219.D

Acq: 20 Apr 2020 13:19

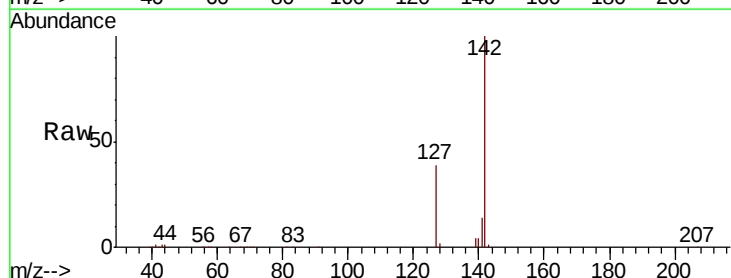
Tgt Ion:142 Resp: 114002

Ion Ratio Lower Upper

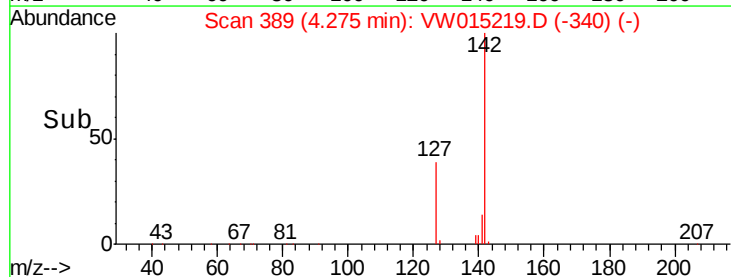
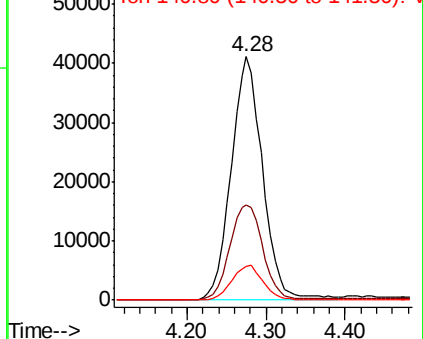
142 100

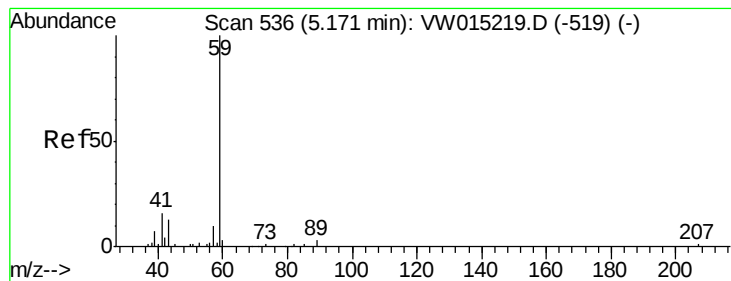
127 41.3 33.9 50.9

141 14.2 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



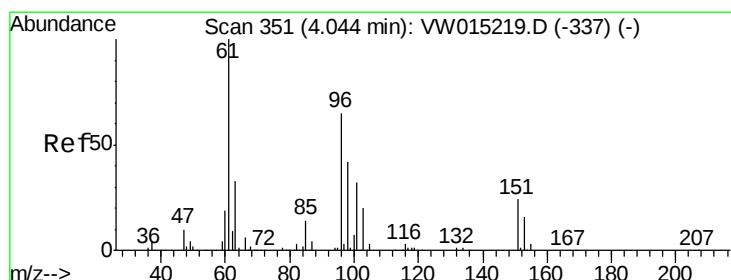
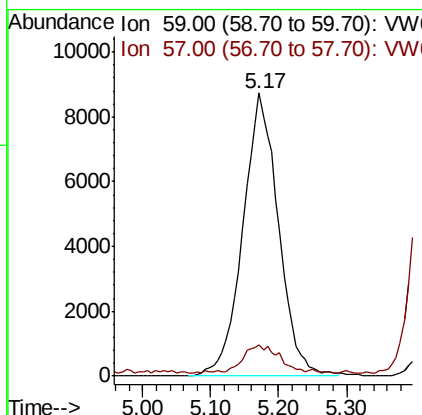
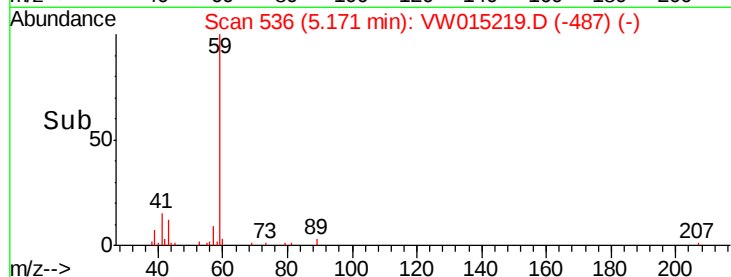
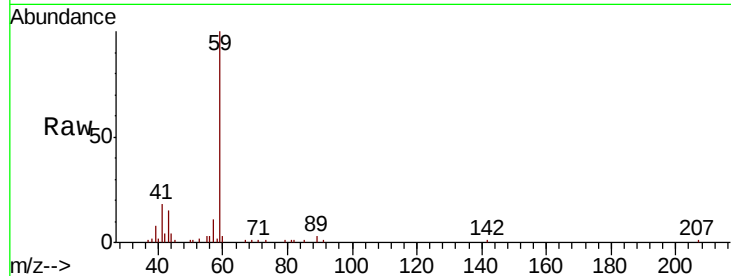


#11

Tert butyl alcohol
Concen: 194.543 ug/l
RT: 5.17 min Scan# 536
Delta R.T. 0.00 min
Lab File: VW015219.D
Acq: 20 Apr 2020 13:19

Instrument :
MSVOA_U
ClientSampleId :

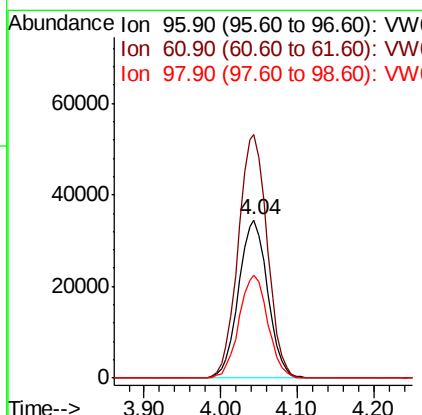
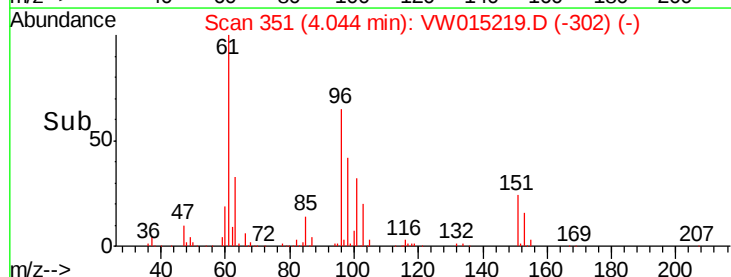
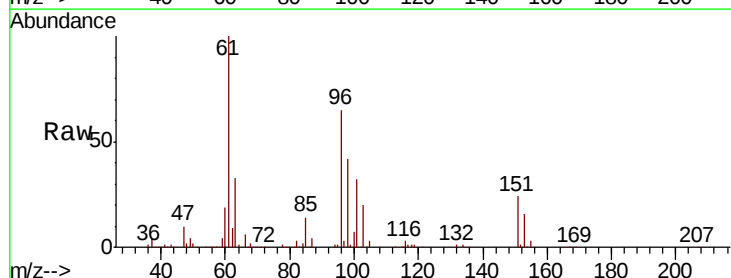
Tot Ion: 59 Resp: 31780
Ion Ratio Lower Upper
59 100
57 10.8 8.4 12.6

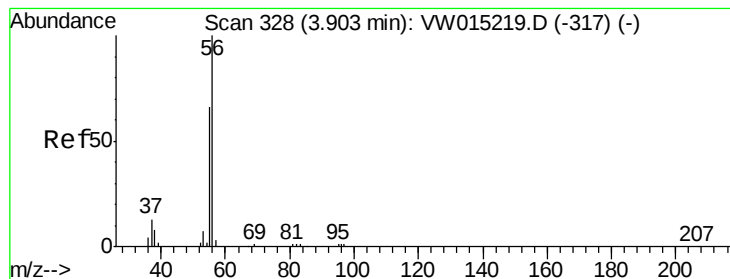


#12

1,1-Dichloroethene
Concen: 37.607 ug/l
RT: 4.04 min Scan# 351
Delta R.T. 0.00 min
Lab File: VW015219.D
Acq: 20 Apr 2020 13:19

Tgt Ion: 96 Resp: 91210
Ion Ratio Lower Upper
96 100
61 154.0 127.0 190.4
98 64.8 51.0 76.4





#13

Acrolein

Concen: 105.458 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.00 min

Lab File: VW015219.D

Acq: 20 Apr 2020 13:19

Instrument :

MSVOA_U

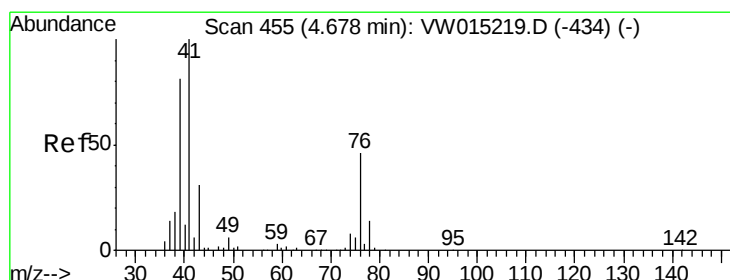
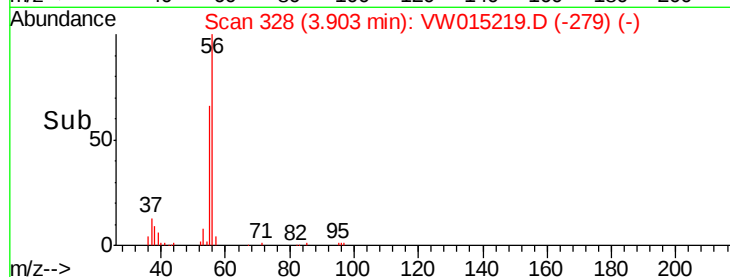
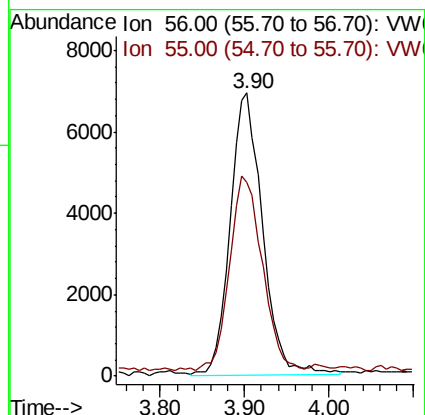
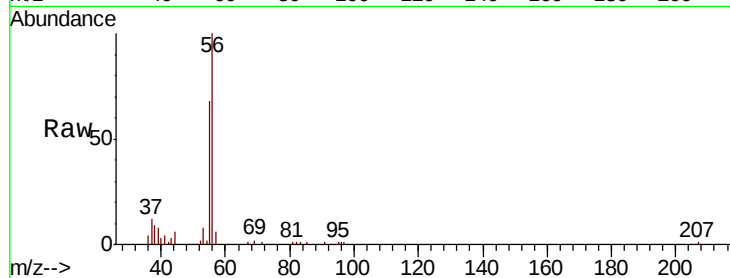
ClientSampleId :

Tot Ion: 56 Resp: 17910

Ion Ratio Lower Upper

56 100

55 69.9 56.2 84.2



#14

Allyl chloride

Concen: 34.519 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.00 min

Lab File: VW015219.D

Acq: 20 Apr 2020 13:19

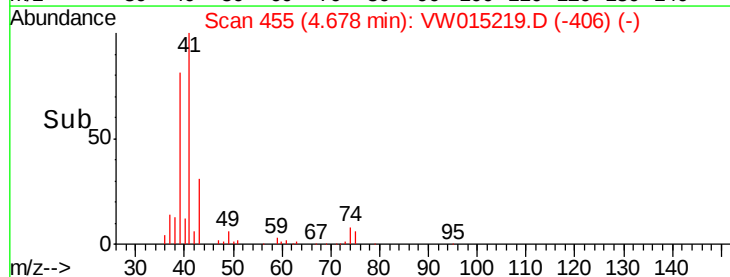
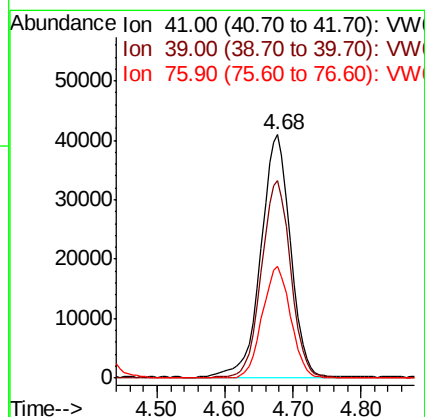
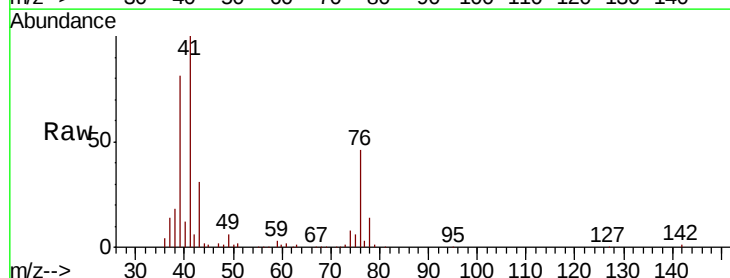
Tgt Ion: 41 Resp: 123848

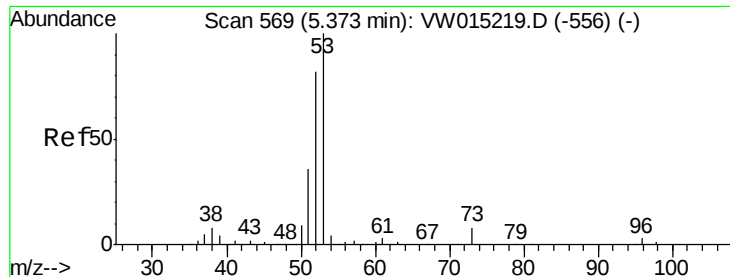
Ion Ratio Lower Upper

41 100

39 79.7 54.0 81.0

76 44.3 31.8 47.6





#15

Acrylonitrile

Concen: 165.851 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.00 min

Lab File: VW015219.D

Acq: 20 Apr 2020 13:19

Instrument :

MSVOA_U

ClientSampleId :

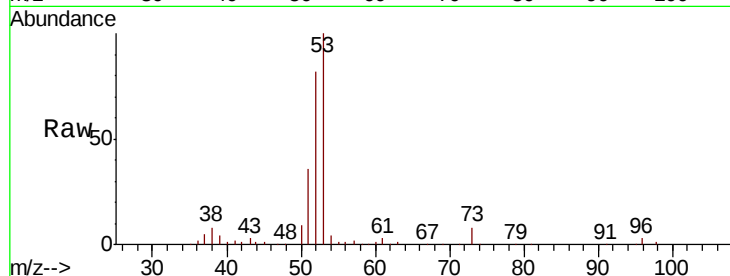
Tot Ion: 53 Resp: 83153

Ion Ratio Lower Upper

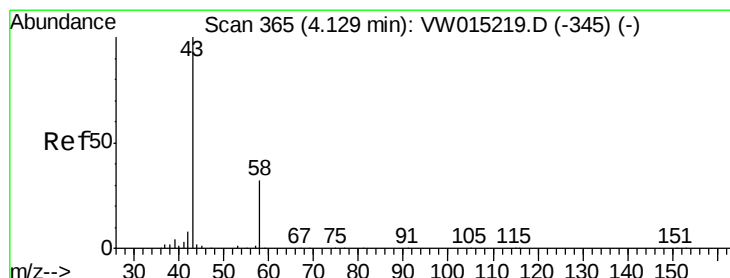
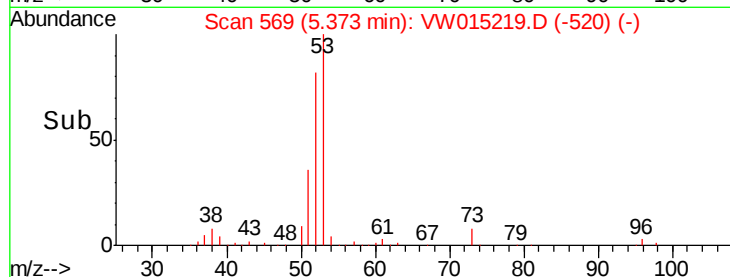
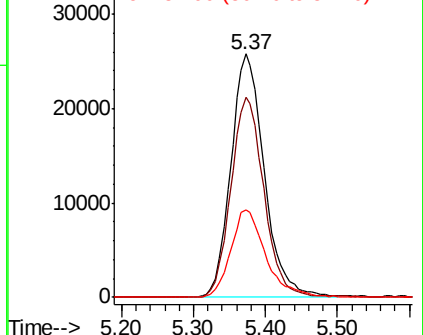
53 100

52 81.8 65.2 97.8

51 37.6 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VW
Ion 52.00 (51.70 to 52.70): VW
Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 200.943 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.00 min

Lab File: VW015219.D

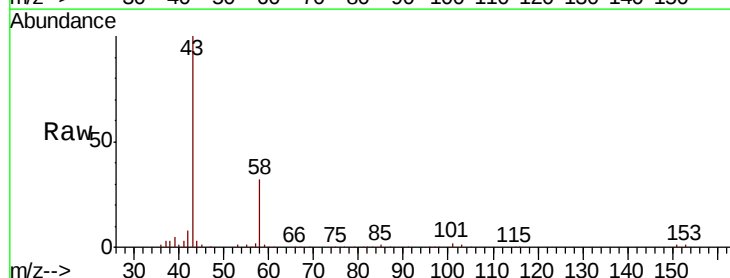
Acq: 20 Apr 2020 13:19

Tgt Ion: 43 Resp: 78758

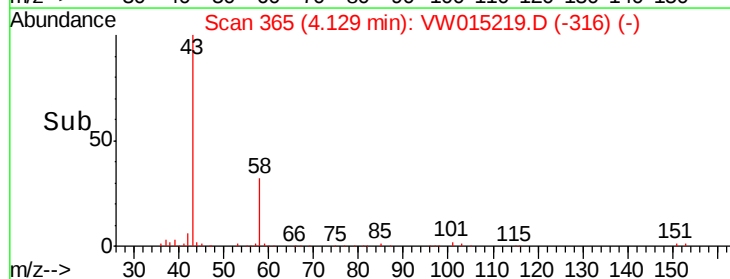
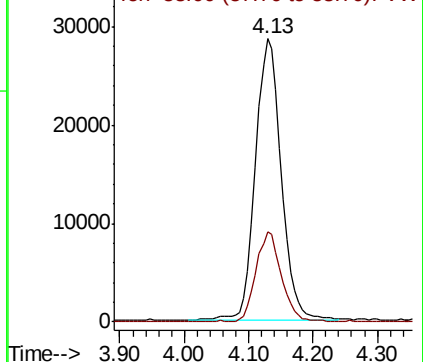
Ion Ratio Lower Upper

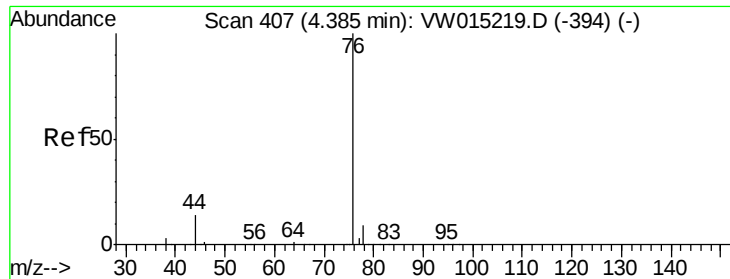
43 100

58 31.6 27.0 40.4



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

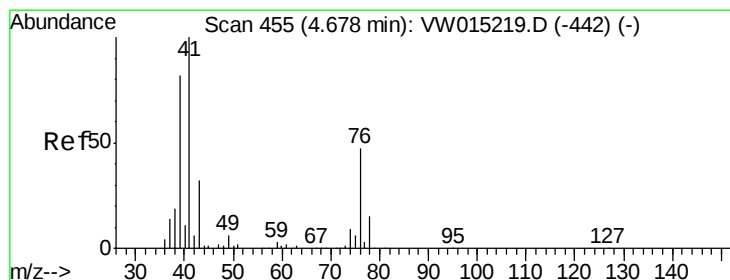
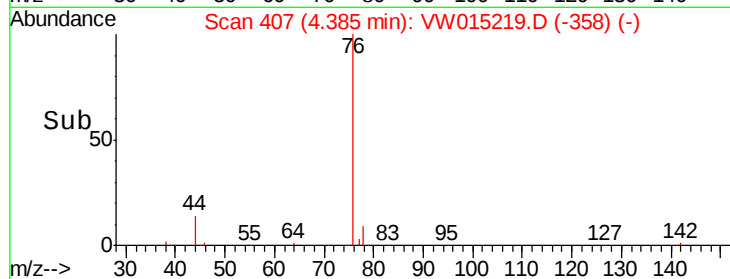
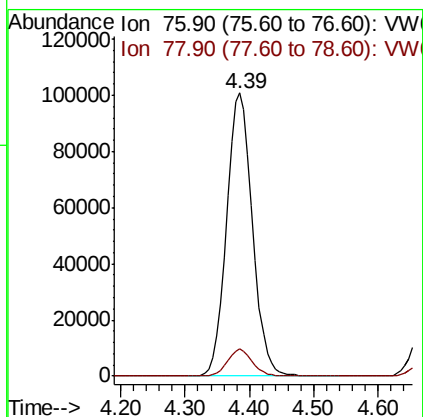
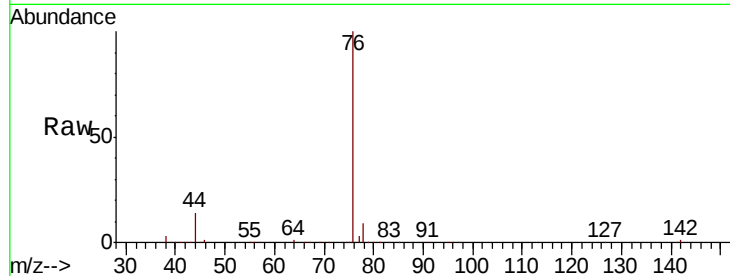




#17
Carbon Disulfide
Concen: 38.459 ug/l
RT: 4.39 min Scan# 407
Delta R.T. 0.00 min
Lab File: VW015219.D
Acq: 20 Apr 2020 13:19

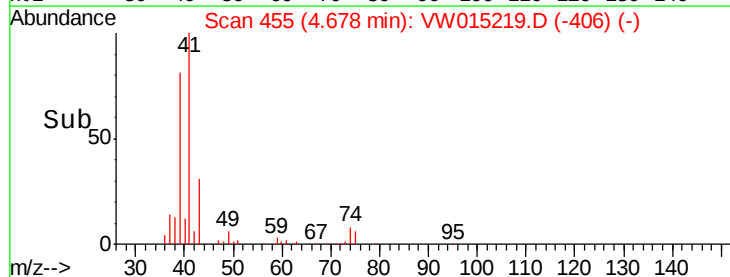
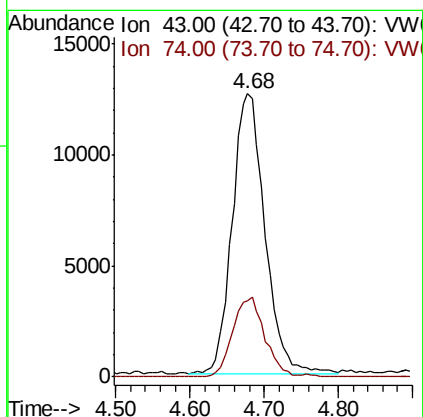
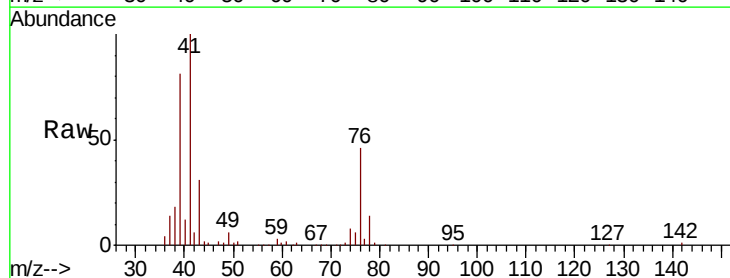
Instrument :
MSVOA_U
ClientSampled :

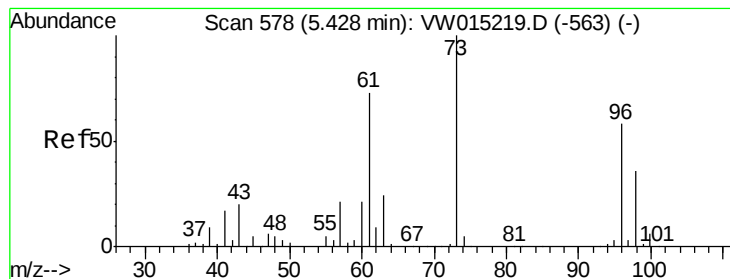
Tot Ion: 76 Resp: 283899
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.6



#18
Methyl Acetate
Concen: 32.436 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.00 min
Lab File: VW015219.D
Acq: 20 Apr 2020 13:19

Tgt Ion: 43 Resp: 38876
Ion Ratio Lower Upper
43 100
74 28.0 20.6 31.0



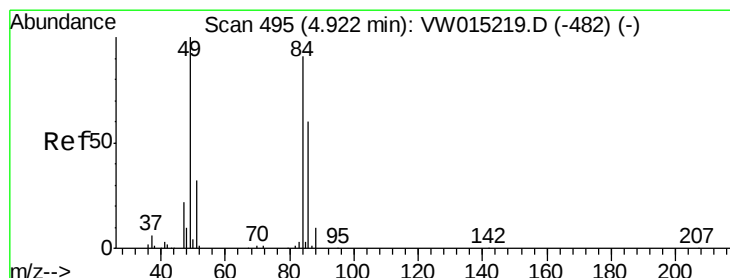
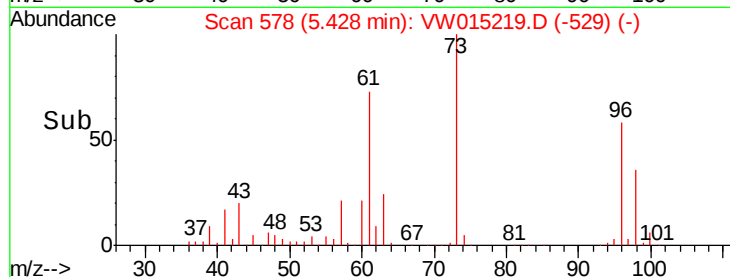
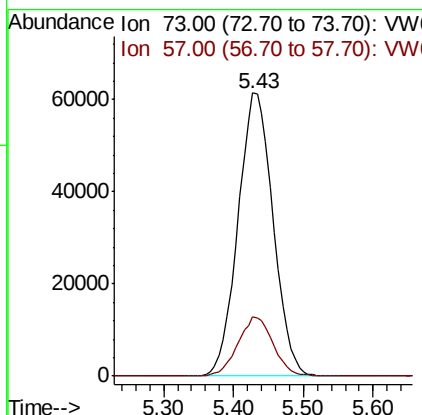
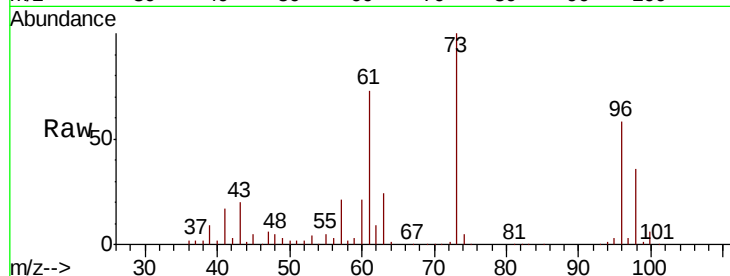


#19

Methyl tert-butyl Ether
 Concen: 67.418 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. 0.00 min
 Lab File: VW015219.D
 Acq: 20 Apr 2020 13:19

Instrument :
 MSVOA_U
 ClientSampleId :

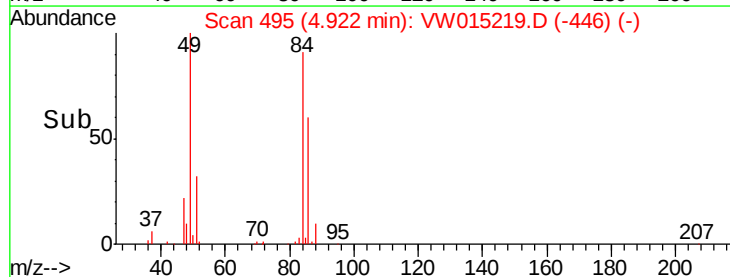
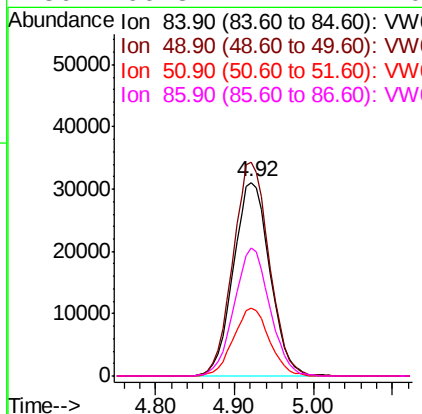
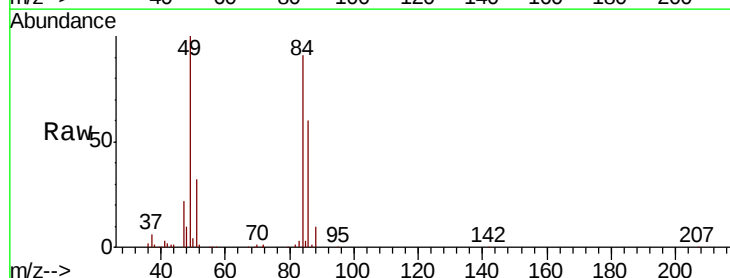
Tot Ion: 73 Resp: 214142
 Ion Ratio Lower Upper
 73 100
 57 21.0 17.8 26.6

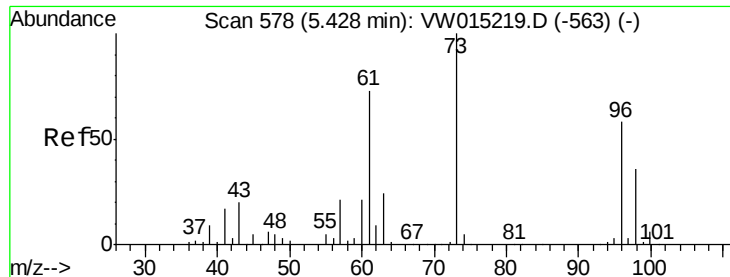


#20

Methylene Chloride
 Concen: 36.964 ug/l
 RT: 4.92 min Scan# 495
 Delta R.T. 0.00 min
 Lab File: VW015219.D
 Acq: 20 Apr 2020 13:19

Tgt Ion: 84 Resp: 100331
 Ion Ratio Lower Upper
 84 100
 49 110.2 95.4 143.0
 51 34.7 29.8 44.8
 86 66.3 47.4 71.0

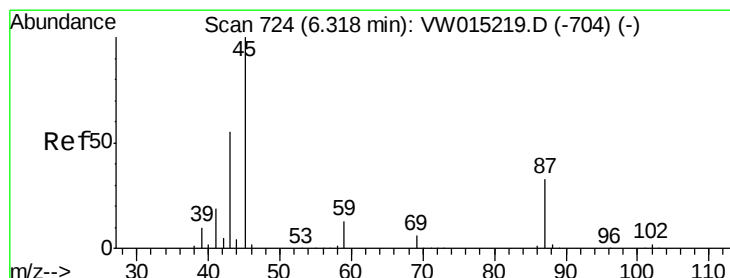
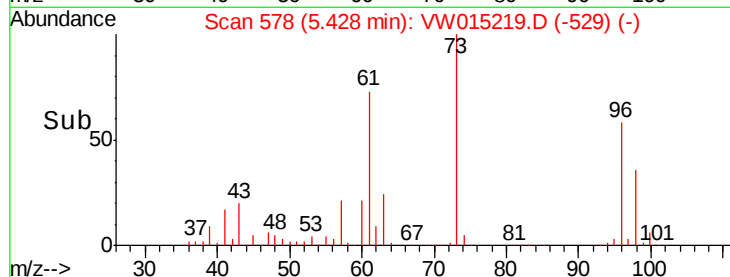
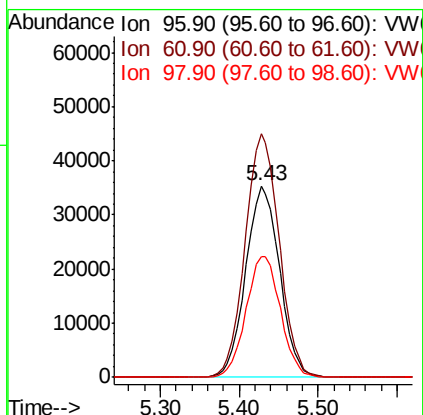
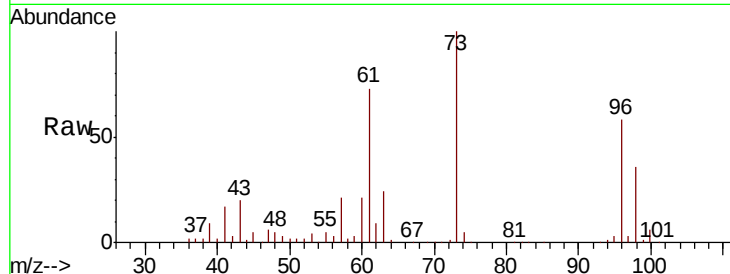




#21
trans-1,2-Dichloroethene
Concen: 41.296 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW015219.D
Acq: 20 Apr 2020 13:19

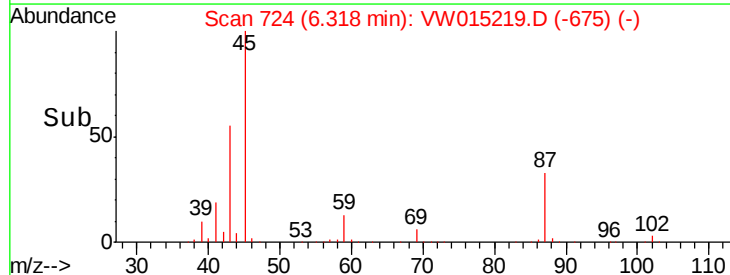
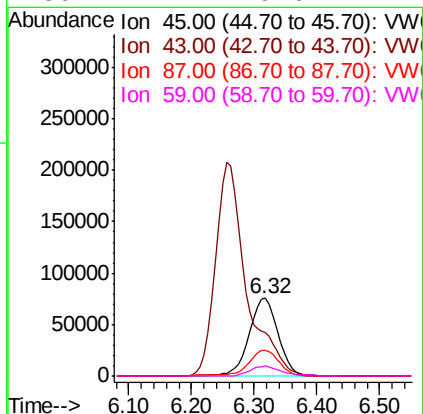
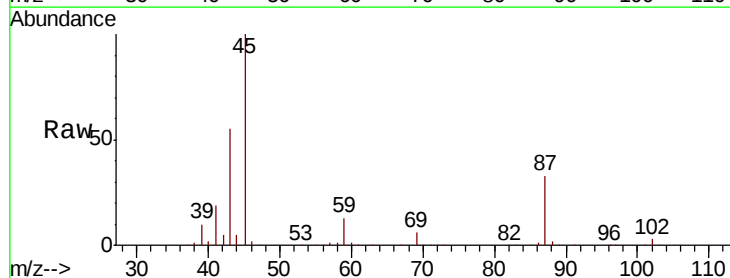
Instrument :
MSVOA_U
ClientSampled :

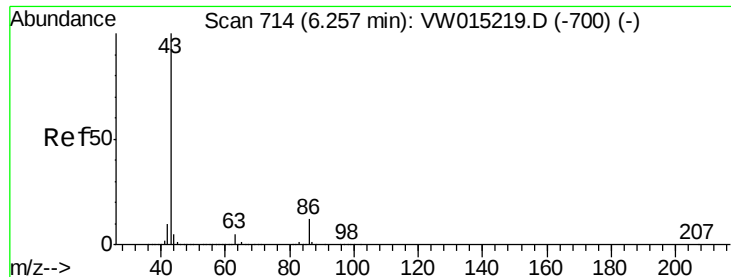
Tot Ion: 96 Resp: 105675
Ion Ratio Lower Upper
96 100
61 127.1 107.8 161.6
98 62.9 50.2 75.2



#22
Diisopropyl ether
Concen: 33.113 ug/l
RT: 6.32 min Scan# 724
Delta R.T. 0.00 min
Lab File: VW015219.D
Acq: 20 Apr 2020 13:19

Tgt Ion: 45 Resp: 239602
Ion Ratio Lower Upper
45 100
43 54.9 41.8 62.6
87 33.2 23.2 34.8
59 12.7 9.6 14.4





#23

Vinyl Acetate

Concen: 166.673 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW015219.D

Acq: 20 Apr 2020 13:19

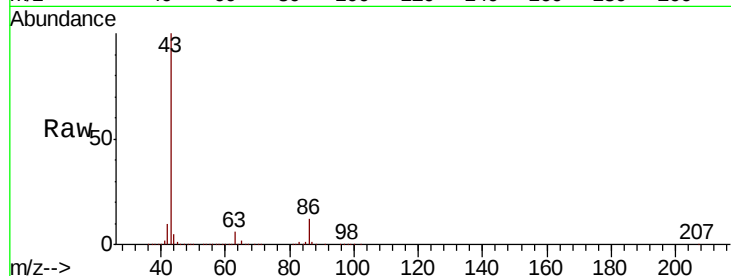
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 700401

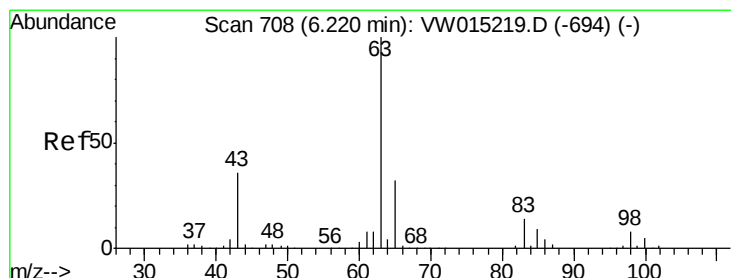
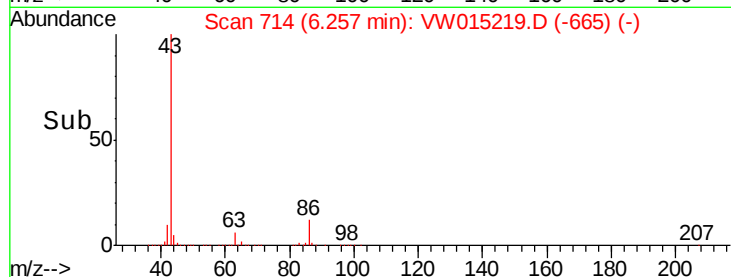
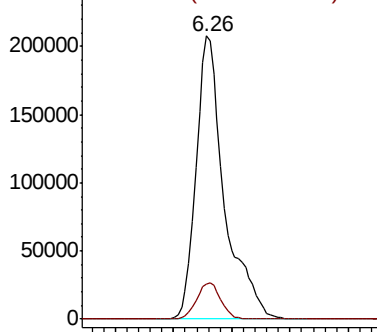
Ion Ratio Lower Upper

43 100

86 12.5 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 38.394 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW015219.D

Acq: 20 Apr 2020 13:19

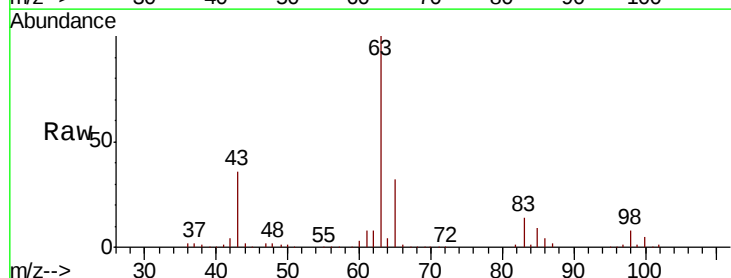
Tgt Ion: 63 Resp: 165172

Ion Ratio Lower Upper

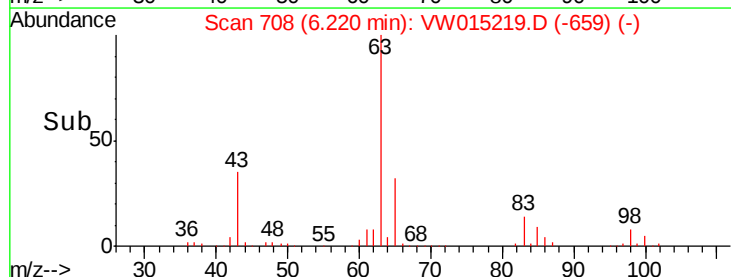
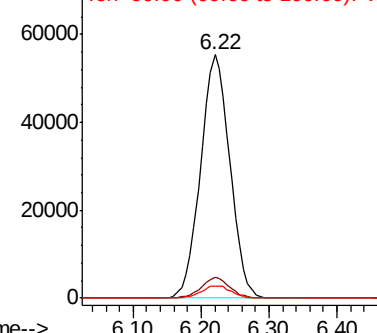
63 100

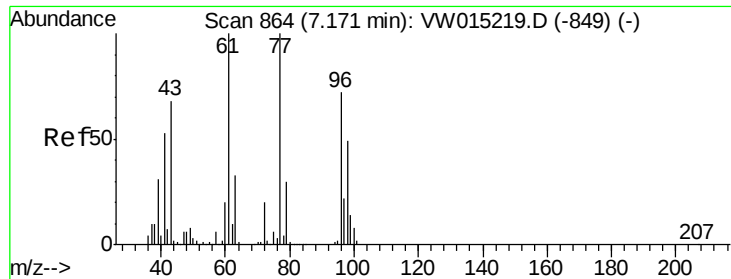
98 8.4 3.6 10.9

100 4.9 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VW
Ion 97.90 (97.60 to 98.60): VW
Ion 99.90 (99.60 to 100.60): VW

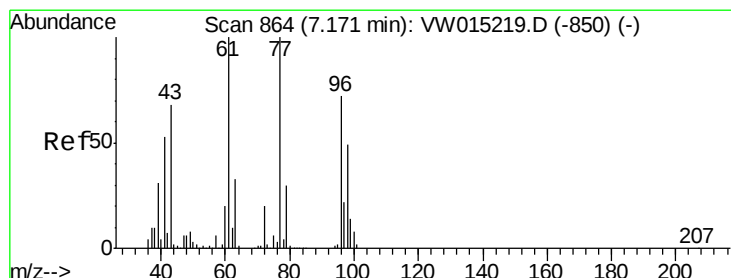
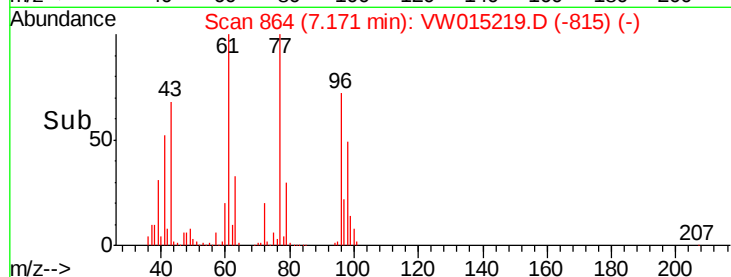
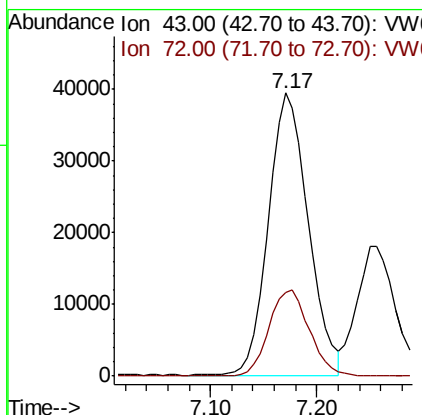
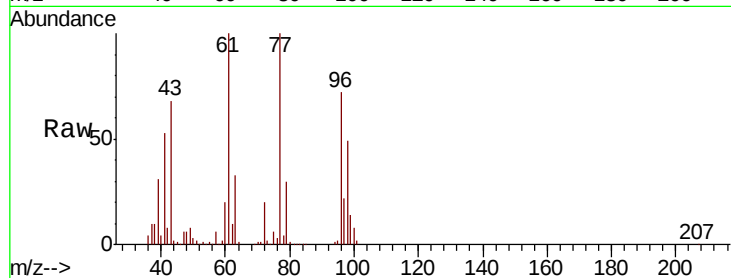




#25
2-Butanone
Concen: 163.128 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW015219.D
Acq: 20 Apr 2020 13:19

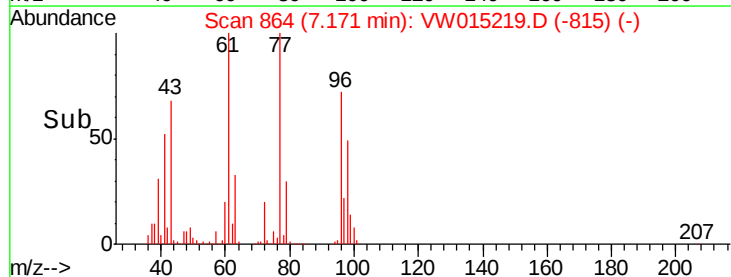
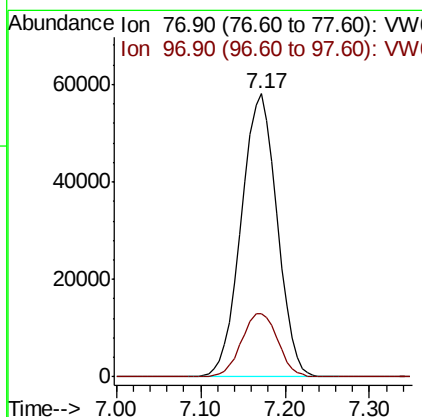
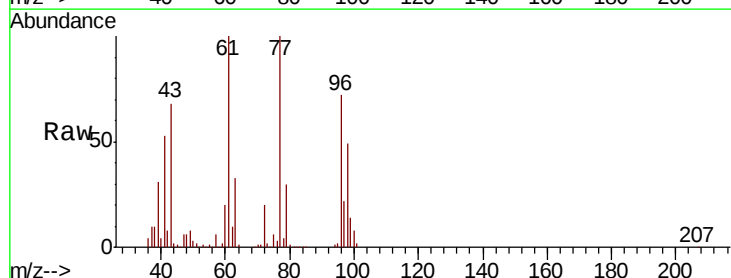
Instrument :
MSVOA_U
ClientSampleId :

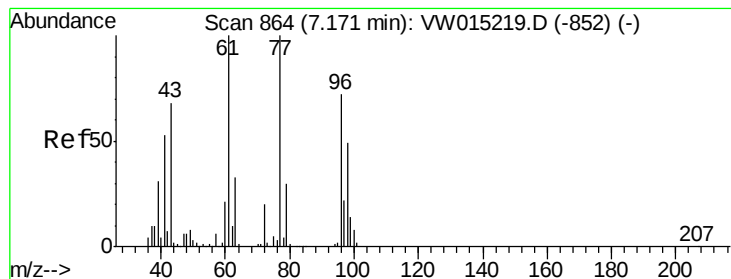
Tot Ion: 43 Resp: 102315
Ion Ratio Lower Upper
43 100
72 29.8 21.6 32.4



#26
2,2-Dichloropropane
Concen: 58.539 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW015219.D
Acq: 20 Apr 2020 13:19

Tgt Ion: 77 Resp: 167605
Ion Ratio Lower Upper
77 100
97 22.8 11.9 35.5



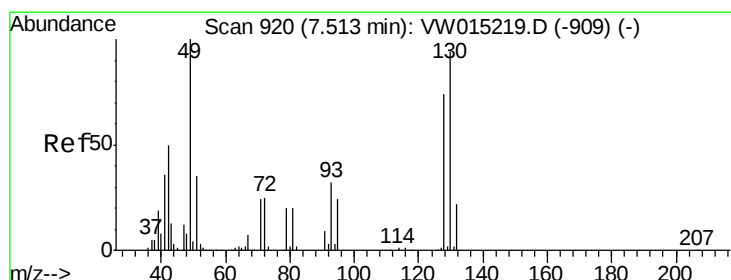
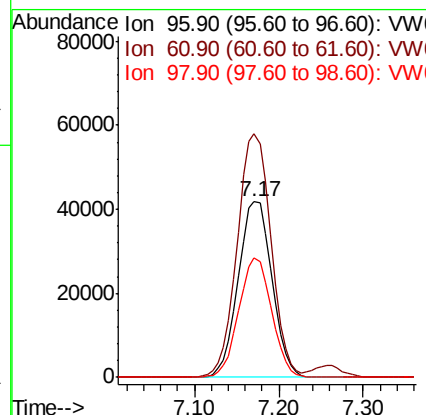
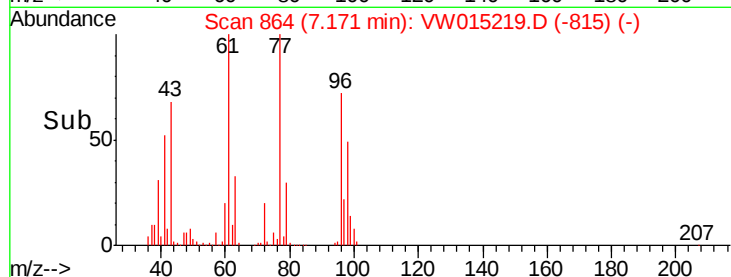
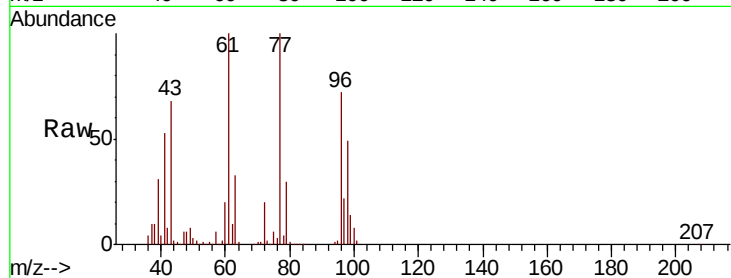


#27

cis-1,2-Dichloroethene
Concen: 41.198 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW015219.D
Acq: 20 Apr 2020 13:19

Instrument :
MSVOA_U
ClientSampleId :

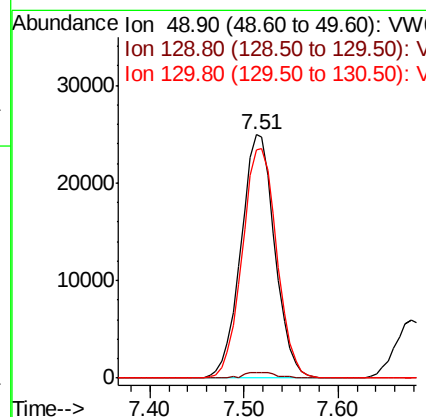
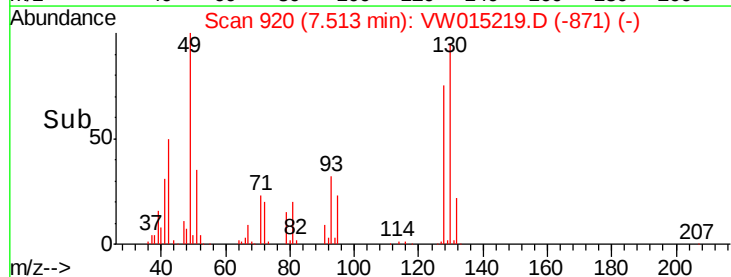
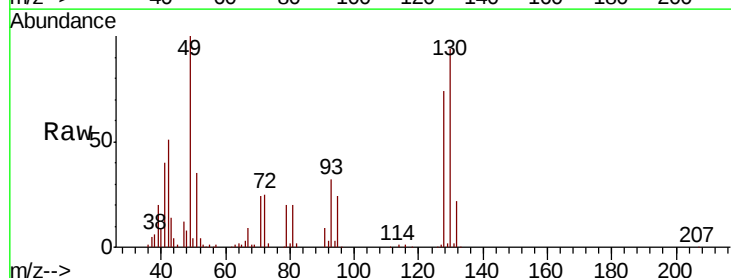
Tot Ion	96	Resp	113651
Ion	Ratio	Lower	Upper
96	100		
61	138.4	0.0	275.0
98	65.9	0.0	130.8

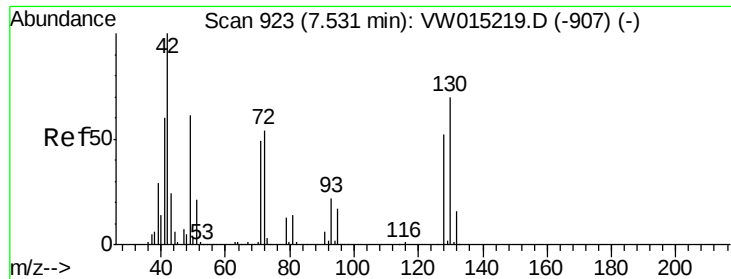


#28

Bromochloromethane
Concen: 34.881 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW015219.D
Acq: 20 Apr 2020 13:19

Tgt Ion	49	Resp	62716
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.6
130	96.1	60.9	91.3#

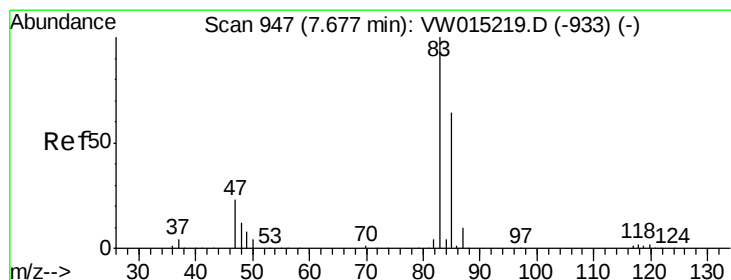
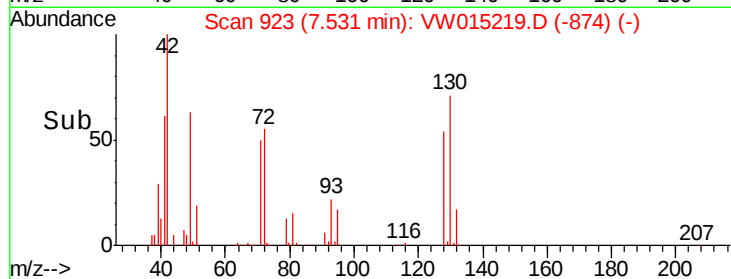
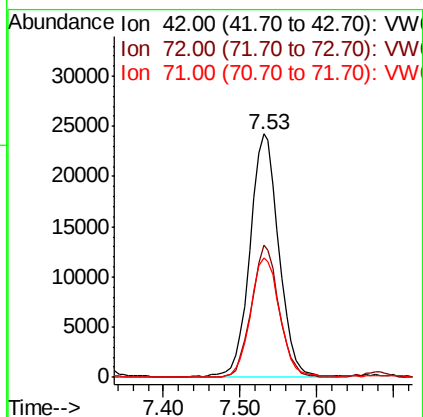
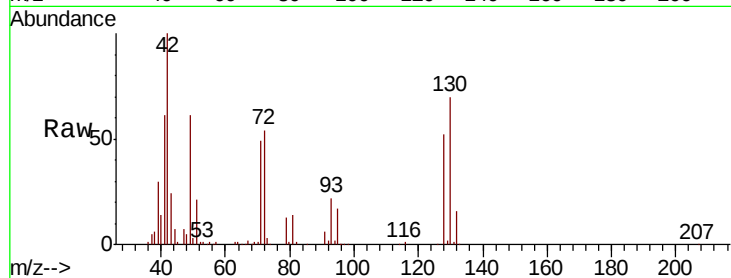




#29
Tetrahydrofuran
Concen: 155.830 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW015219.D
Acq: 20 Apr 2020 13:19

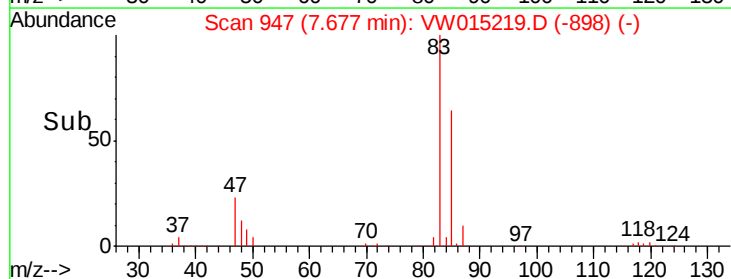
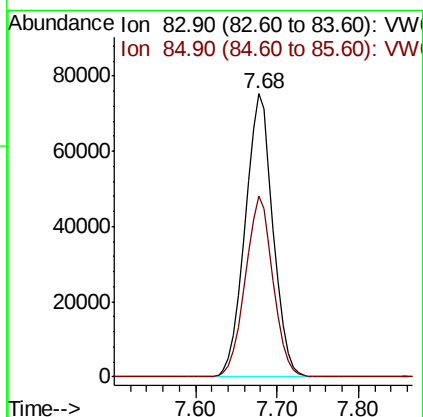
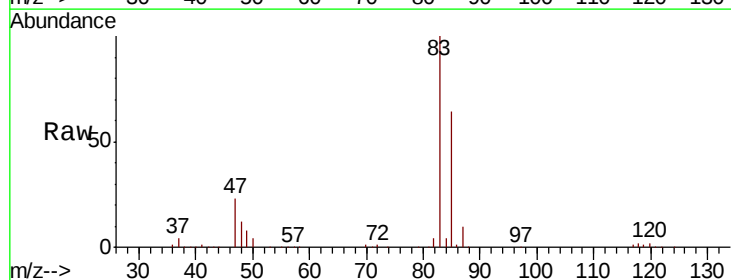
Instrument :
MSVOA_U
ClientSampleId :

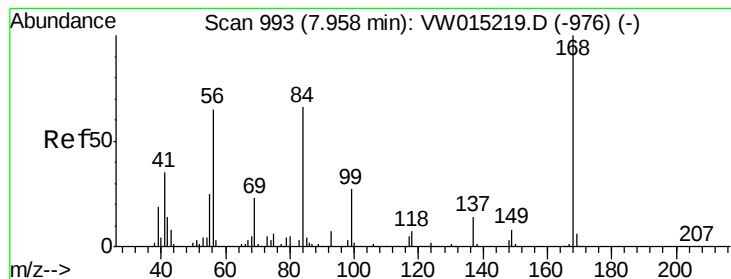
Tot Ion: 42 Resp: 64067
Ion Ratio Lower Upper
42 100
72 51.8 36.2 54.2
71 48.9 34.2 51.4



#30
Chloroform
Concen: 42.329 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW015219.D
Acq: 20 Apr 2020 13:19

Tgt Ion: 83 Resp: 178381
Ion Ratio Lower Upper
83 100
85 63.8 50.9 76.3





#31

Cyclohexane

Concen: 34.203 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW015219.D

Acq: 20 Apr 2020 13:19

Instrument :

MSVOA_U

ClientSampleId :

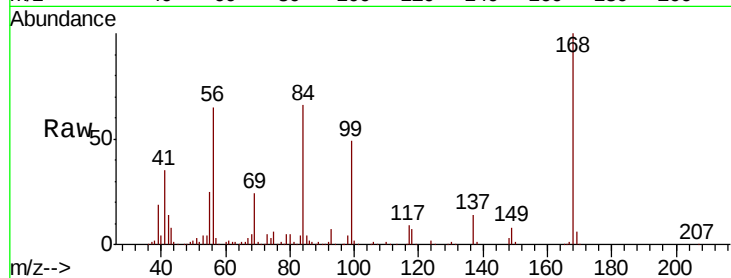
Tot Ion: 56 Resp: 157284

Ion Ratio Lower Upper

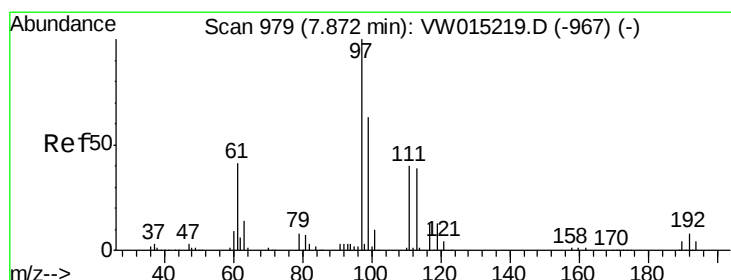
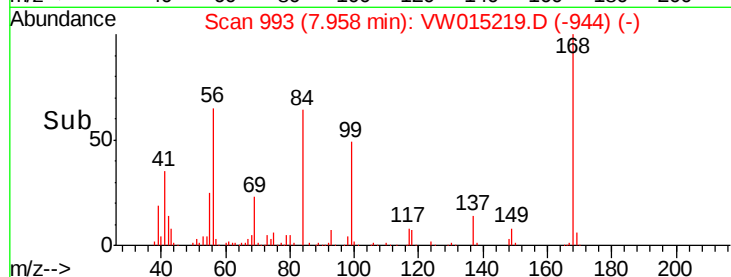
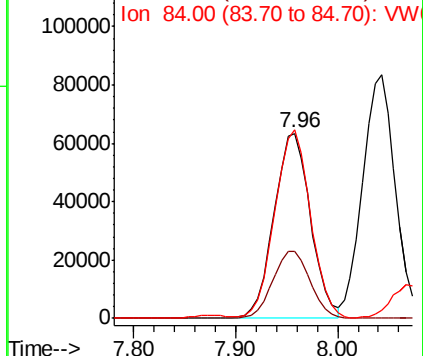
56 100

69 36.1 27.1 40.7

84 100.8 71.9 107.9



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



#32

1,1,1-Trichloroethane

Concen: 47.657 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW015219.D

Acq: 20 Apr 2020 13:19

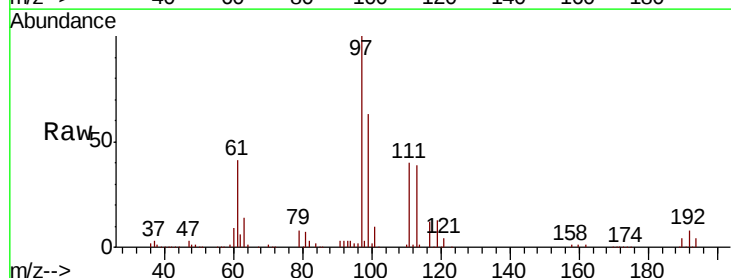
Tgt Ion: 97 Resp: 169183

Ion Ratio Lower Upper

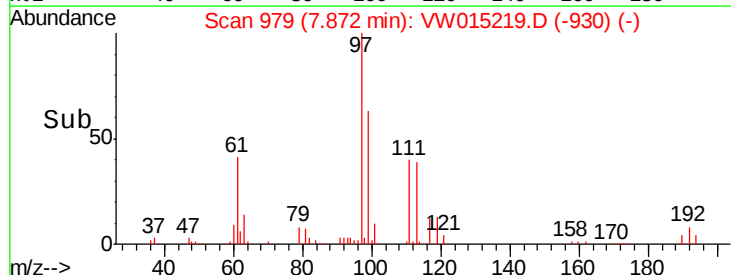
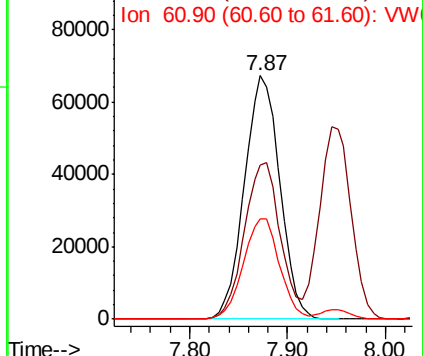
97 100

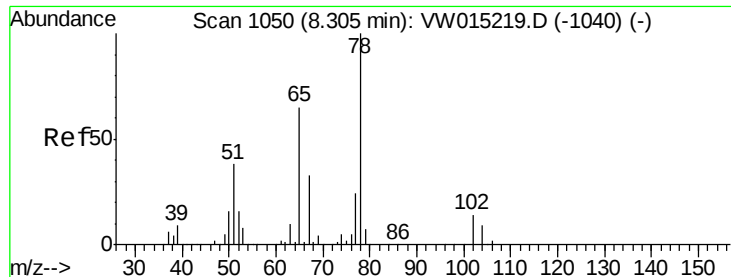
99 65.4 52.2 78.2

61 42.0 34.2 51.2



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

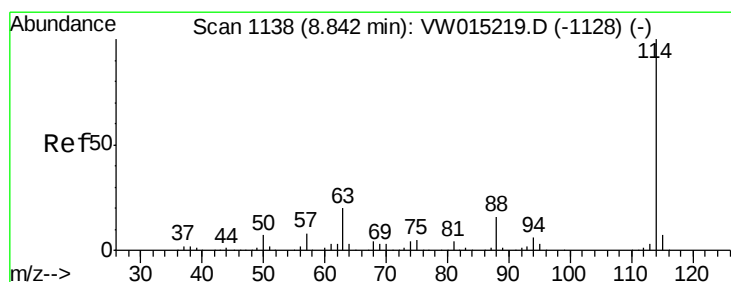
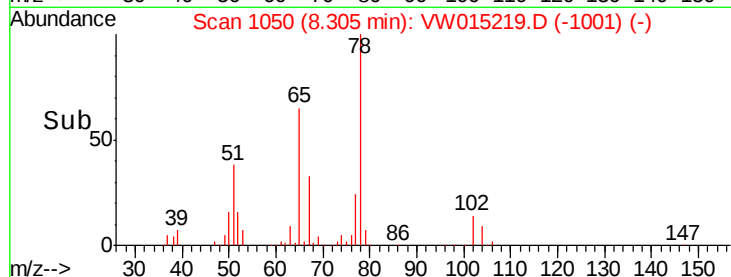
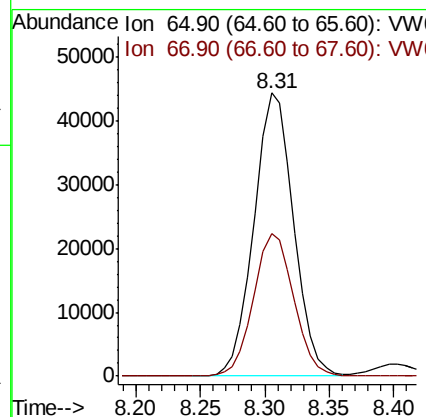
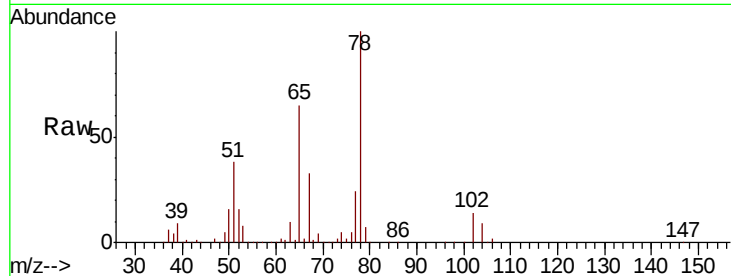




#33
 1,2-Dichloroethane-d4
 Concen: 42.965 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW015219.D
 Acq: 20 Apr 2020 13:19

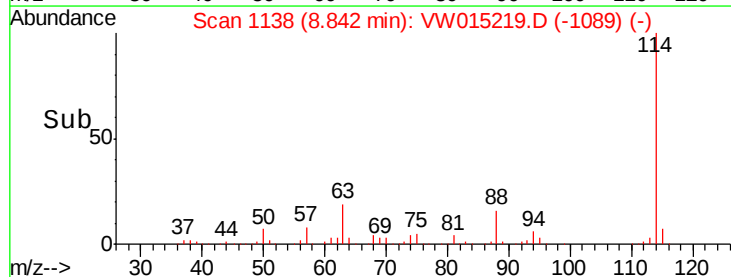
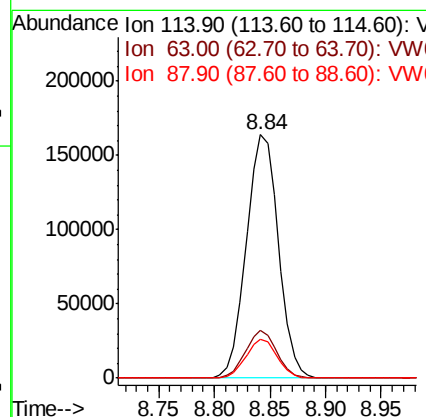
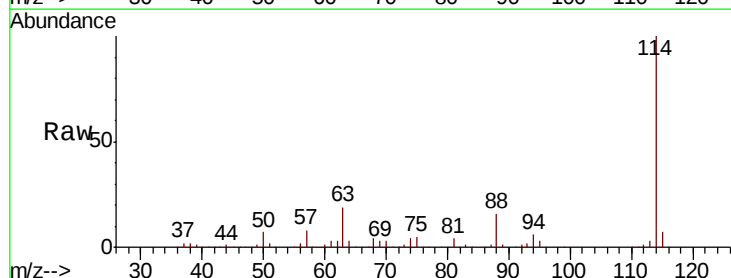
Instrument :
 MSVOA_U
 ClientSampleId :

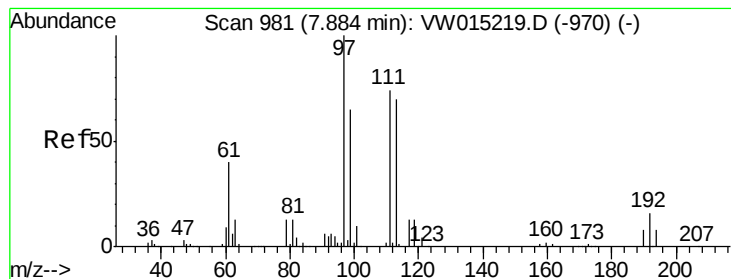
Tot Ion: 65 Resp: 94547
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW015219.D
 Acq: 20 Apr 2020 13:19

Tgt Ion: 114 Resp: 329065
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.8
 88 15.9 0.0 30.2





#35

Dibromofluoromethane

Concen: 51.029 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW015219.D

Acq: 20 Apr 2020 13:19

Instrument :

MSVOA_U

ClientSampled :

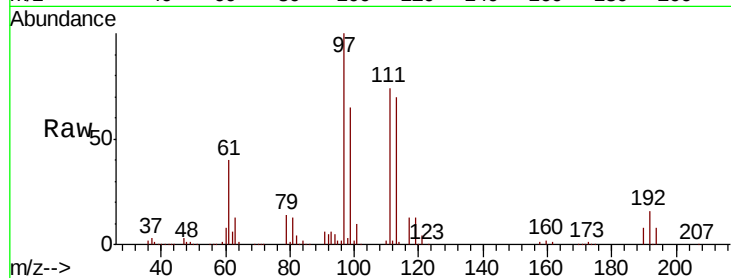
Tot Ion:113 Resp: 92860

Ion Ratio Lower Upper

113 100

111 103.8 83.0 124.4

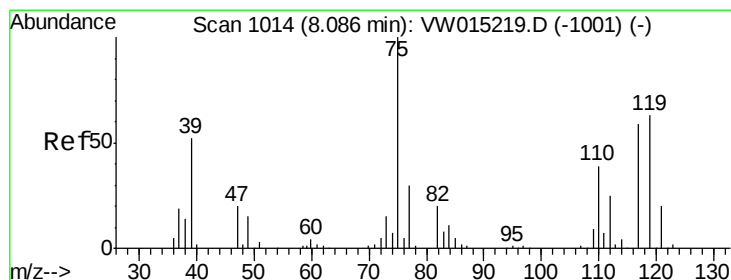
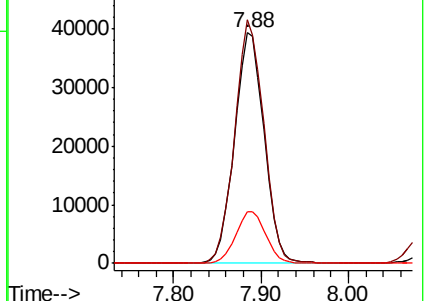
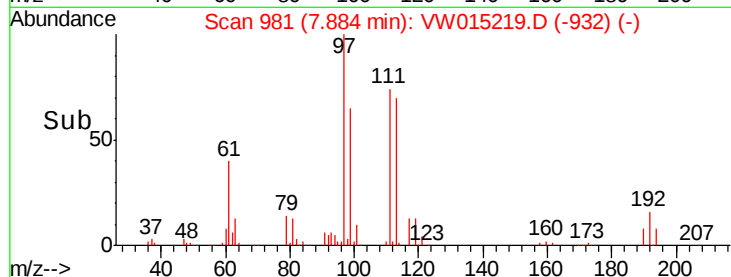
192 22.5 15.1 22.7



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: 48.814 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. 0.00 min

Lab File: VW015219.D

Acq: 20 Apr 2020 13:19

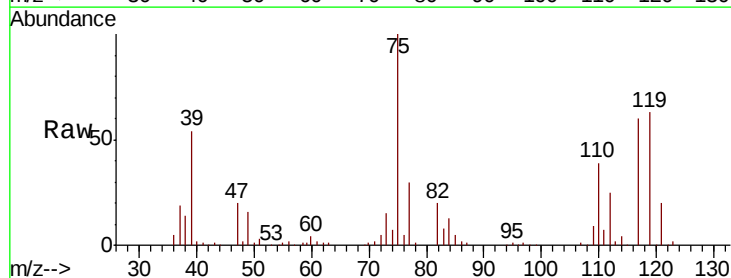
Tgt Ion: 75 Resp: 143500

Ion Ratio Lower Upper

75 100

110 37.7 18.2 54.6

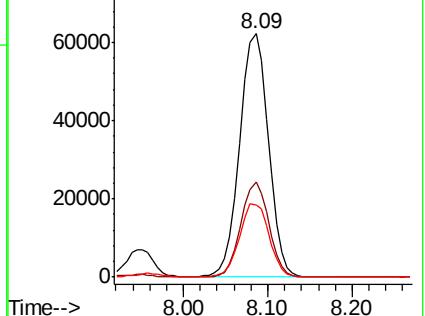
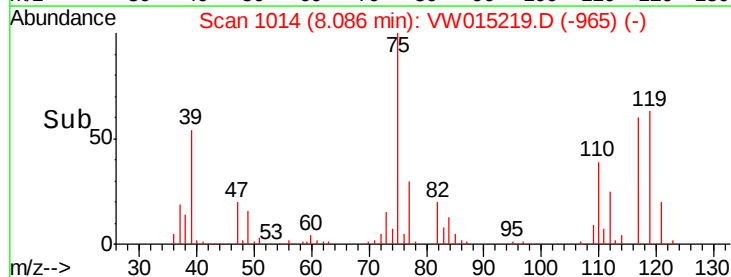
77 31.0 24.5 36.7

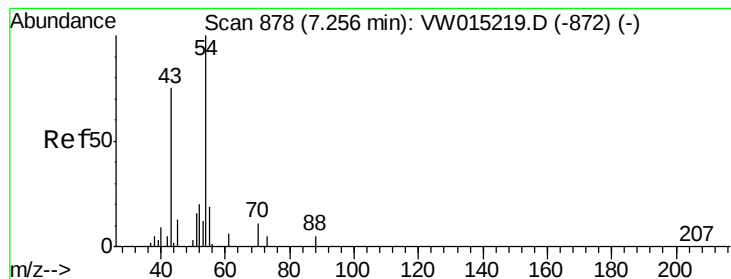


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#37

Ethyl Acetate

Concen: 37.250 ug/l

RT: 7.26 min Scan# 878

Delta R.T. 0.00 min

Lab File: VW015219.D

Acq: 20 Apr 2020 13:19

Instrument :

MSVOA_U

ClientSampled :

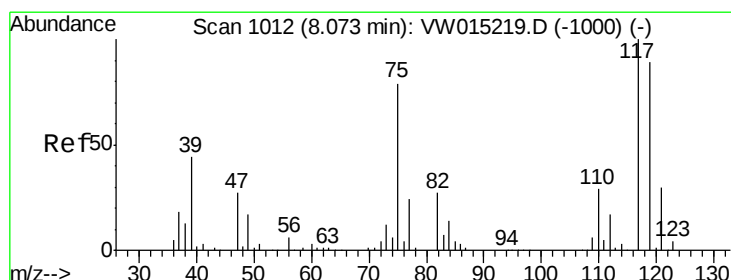
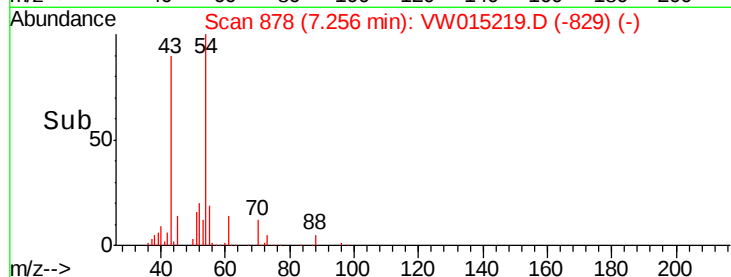
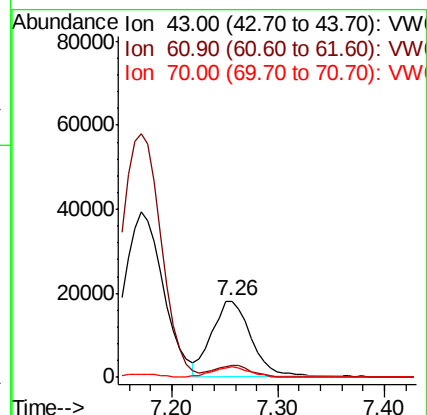
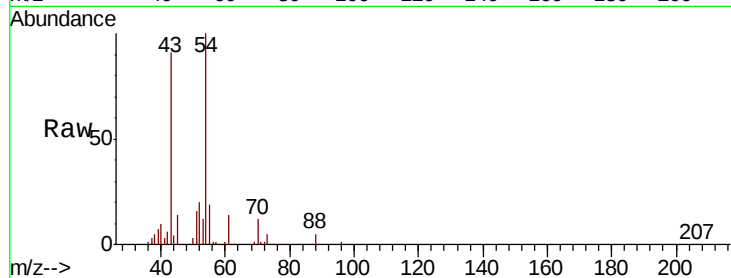
Tot Ion: 43 Resp: 45575

Ion Ratio Lower Upper

43 100

61 15.8 11.9 17.9

70 13.8 8.8 13.2#



#38

Carbon Tetrachloride

Concen: 57.125 ug/l

RT: 8.07 min Scan# 1012

Delta R.T. 0.00 min

Lab File: VW015219.D

Acq: 20 Apr 2020 13:19

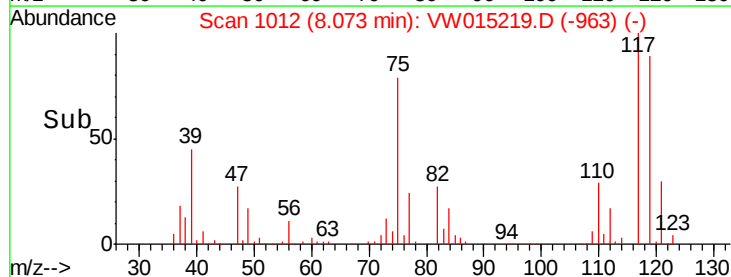
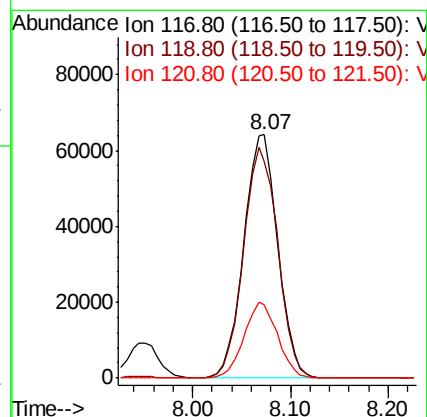
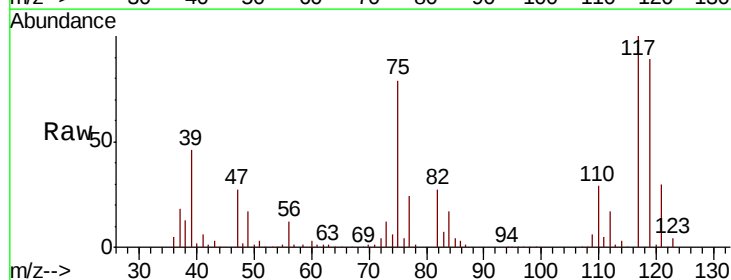
Tgt Ion: 117 Resp: 154393

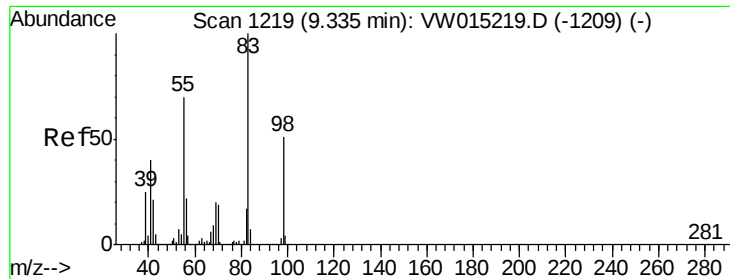
Ion Ratio Lower Upper

117 100

119 89.3 72.3 108.5

121 30.2 23.7 35.5

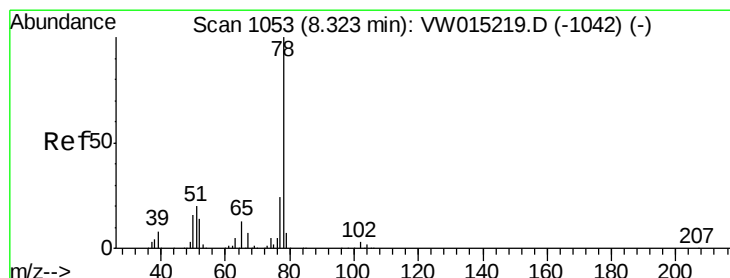
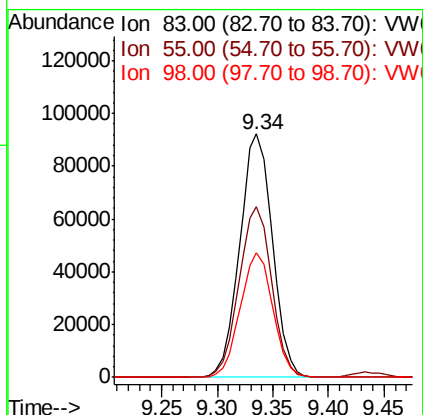
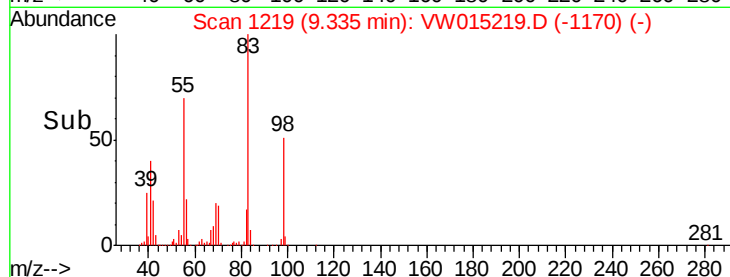
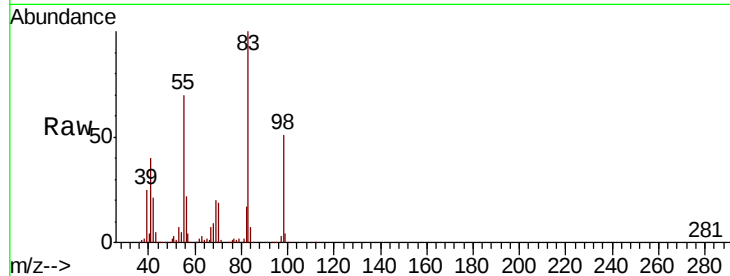




#39
Methylcyclohexane
Concen: 47.705 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW015219.D
Acq: 20 Apr 2020 13:19

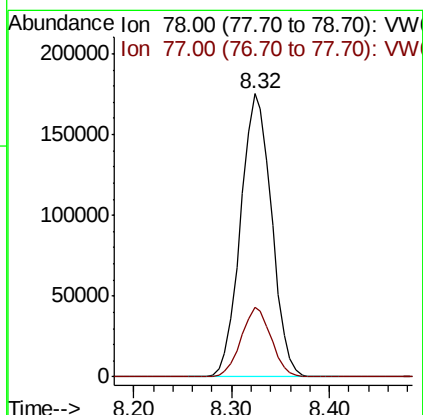
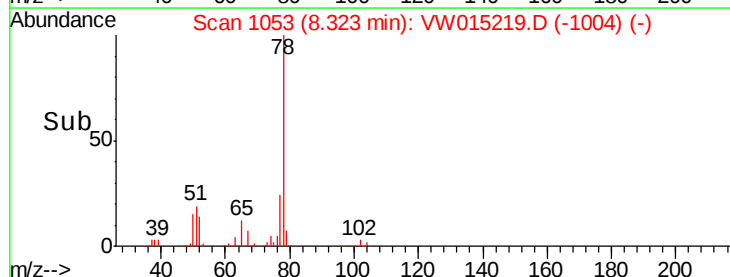
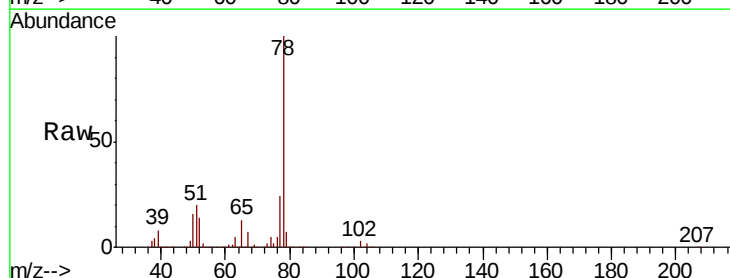
Instrument :
MSVOA_U
ClientSampled :

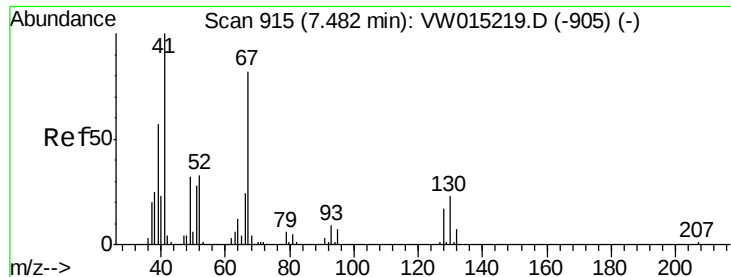
Tot Ion: 83 Resp: 188453
Ion Ratio Lower Upper
83 100
55 70.1 58.1 87.1
98 51.1 40.2 60.4



#40
Benzene
Concen: 46.226 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW015219.D
Acq: 20 Apr 2020 13:19

Tgt Ion: 78 Resp: 385871
Ion Ratio Lower Upper
78 100
77 24.5 18.2 27.2

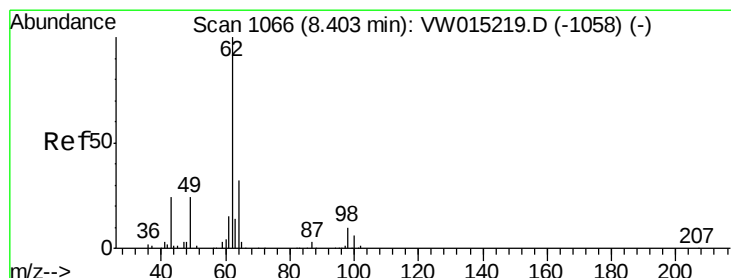
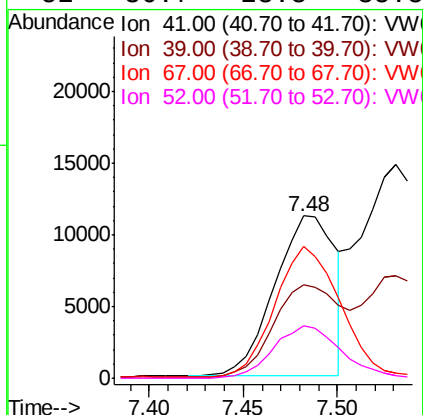
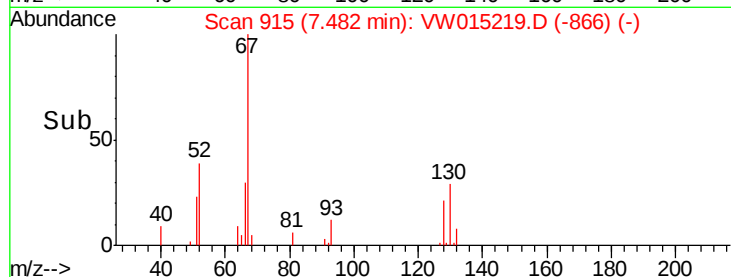
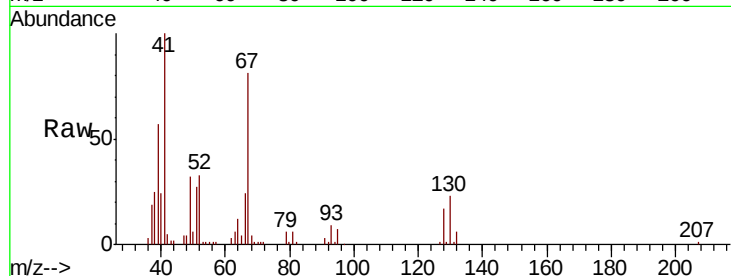




#41
Methacrylonitrile
Concen: 34.564 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW015219.D
Acq: 20 Apr 2020 13:19

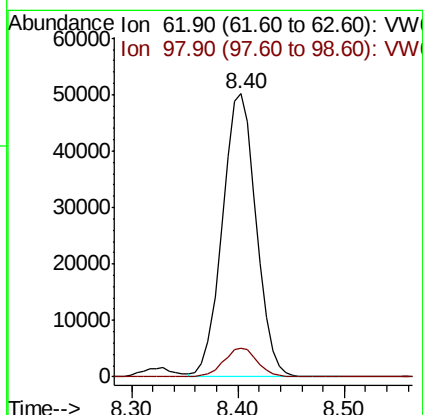
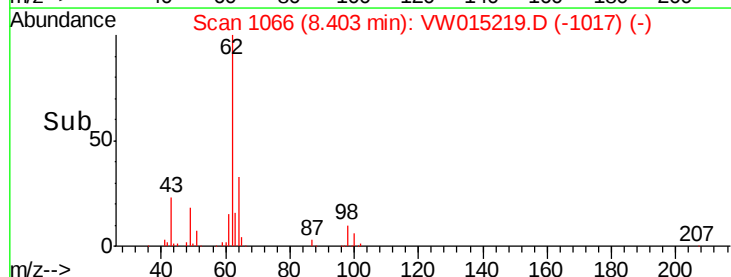
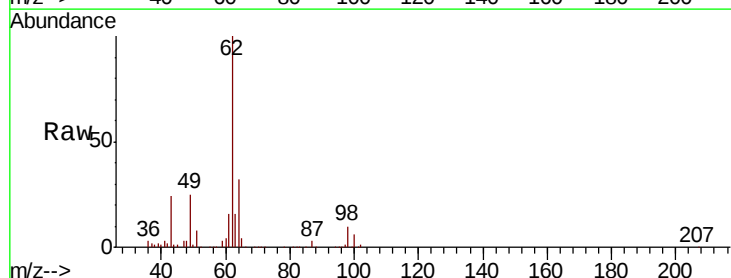
Instrument :
MSVOA_U
ClientSampleId :

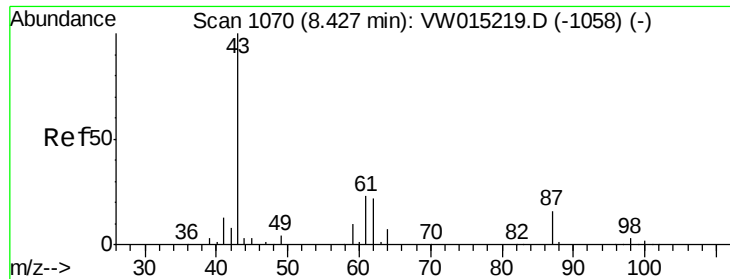
Tot Ion:	41	Resp:	25022
Ion	Ratio	Lower	Upper
41	100		
39	65.0	41.9	62.9#
67	88.6	60.6	91.0
52	36.7	23.8	35.8#



#42
1,2-Dichloroethane
Concen: 52.450 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW015219.D
Acq: 20 Apr 2020 13:19

Tgt Ion:	62	Resp:	111119
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.4





#43

Isopropyl Acetate

Concen: 40.153 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW015219.D

Acq: 20 Apr 2020 13:19

Instrument :

MSVOA_U

ClientSampleId :

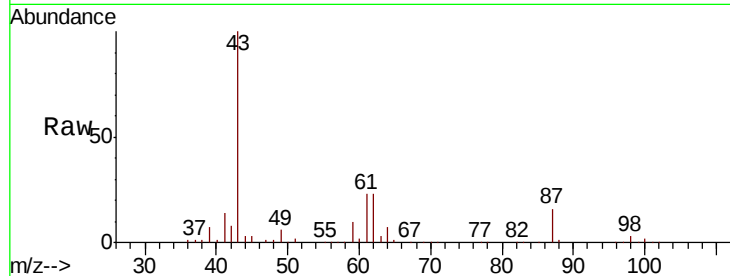
Tot Ion: 43 Resp: 96004

Ion Ratio Lower Upper

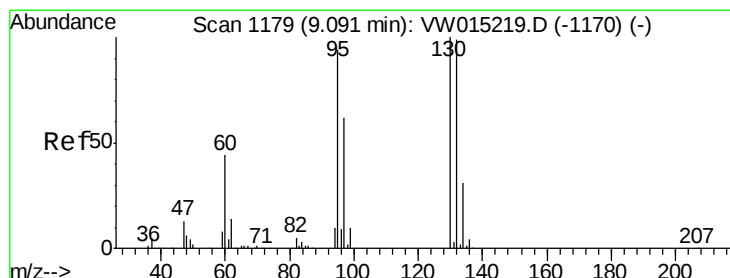
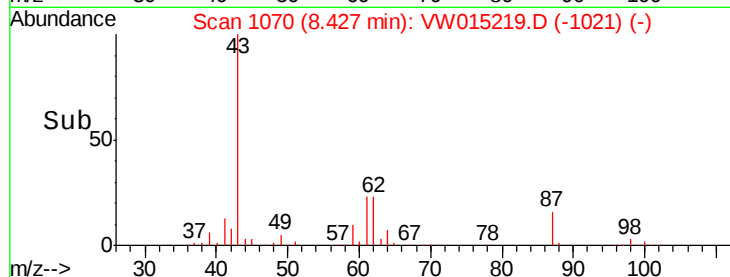
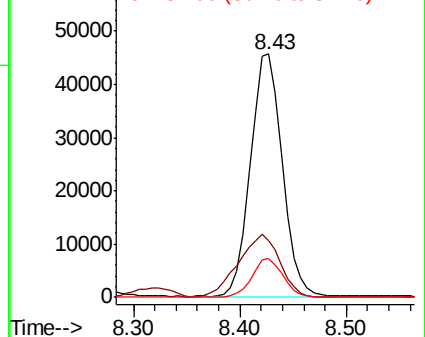
43 100

61 33.7 24.8 37.2

87 15.6 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: 53.464 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW015219.D

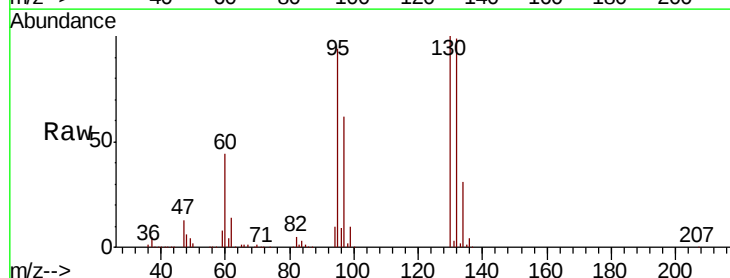
Acq: 20 Apr 2020 13:19

Tgt Ion:130 Resp: 117265

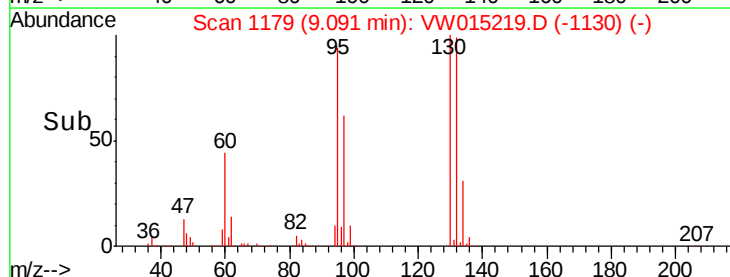
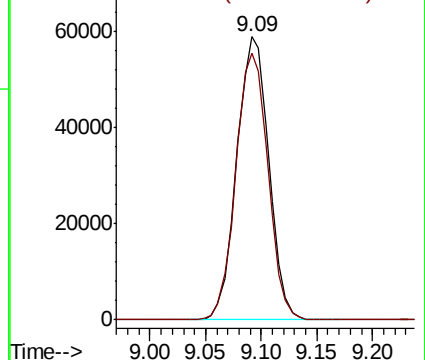
Ion Ratio Lower Upper

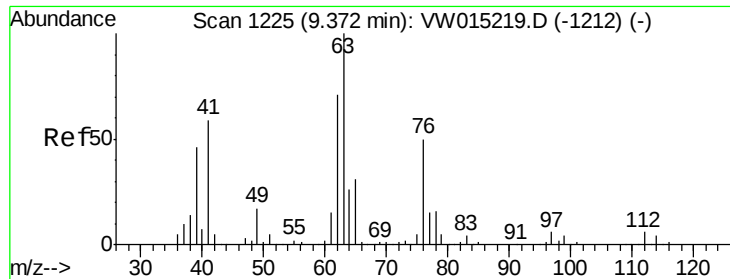
130 100

95 94.2 0.0 196.4



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VW

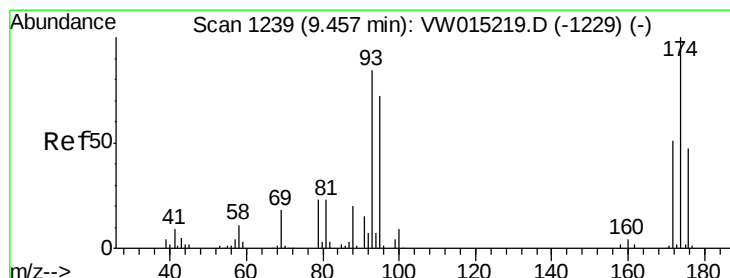
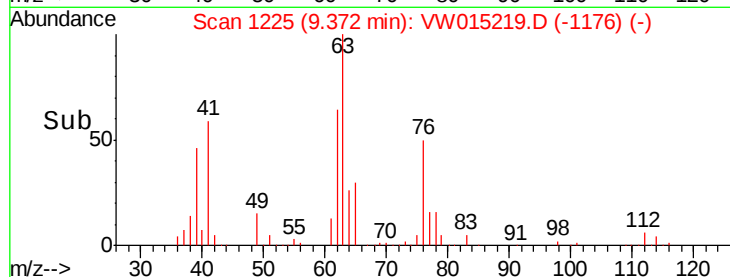
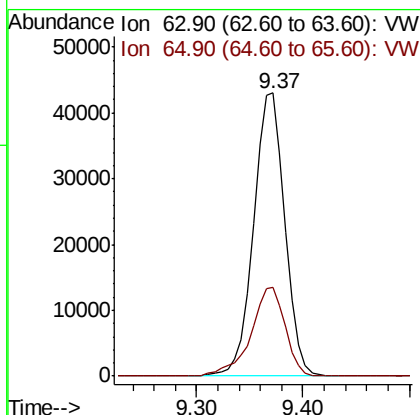
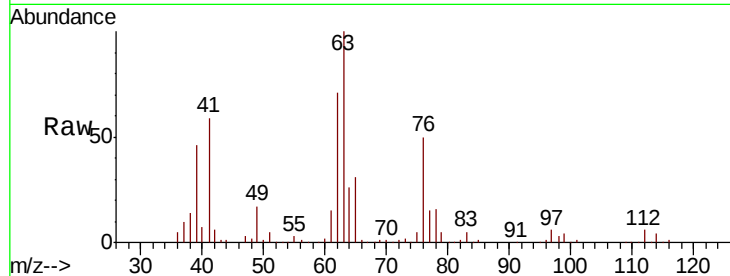




#45
 1,2-Dichloropropane
 Concen: 43.135 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW015219.D
 Acq: 20 Apr 2020 13:19

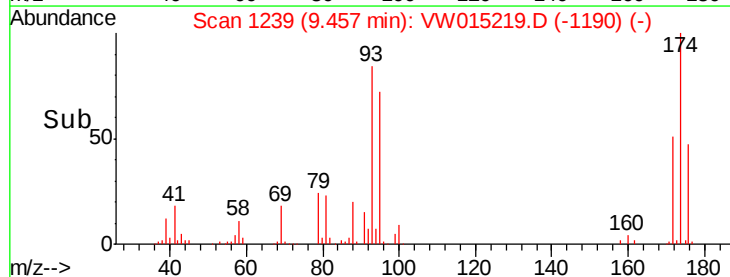
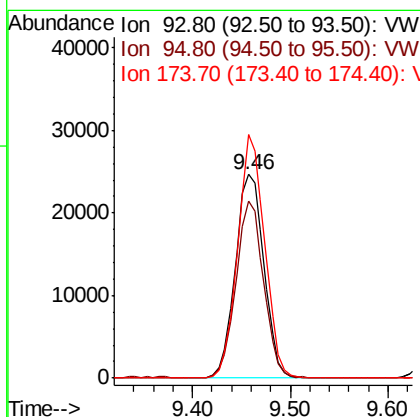
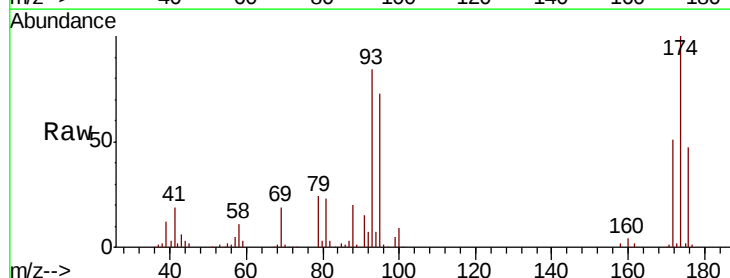
Instrument :
 MSVOA_U
 ClientSampled :

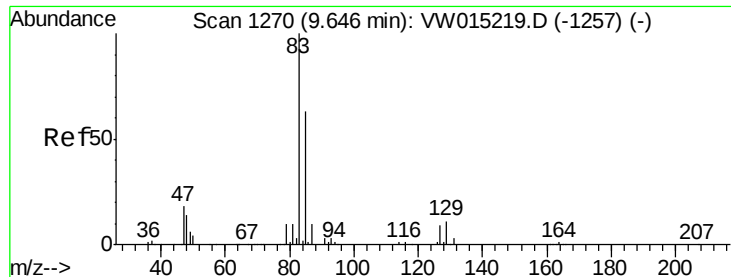
Tot Ion: 63 Resp: 88588
 Ion Ratio Lower Upper
 63 100
 65 31.2 25.5 38.3



#46
 Dibromomethane
 Concen: 48.904 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW015219.D
 Acq: 20 Apr 2020 13:19

Tgt Ion: 93 Resp: 50195
 Ion Ratio Lower Upper
 93 100
 95 84.0 67.5 101.3
 174 111.8 74.1 111.1#





#47

Bromodichloromethane

Concen: 51.104 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW015219.D

Acq: 20 Apr 2020 13:19

Instrument :

MSVOA_U

ClientSampleId :

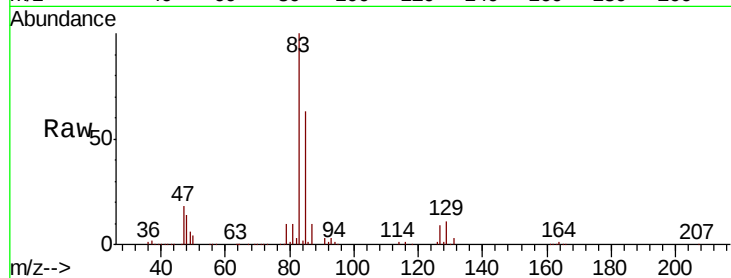
Tot Ion: 83 Resp: 135998

Ion Ratio Lower Upper

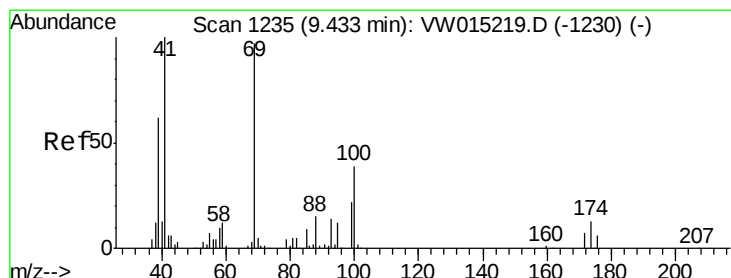
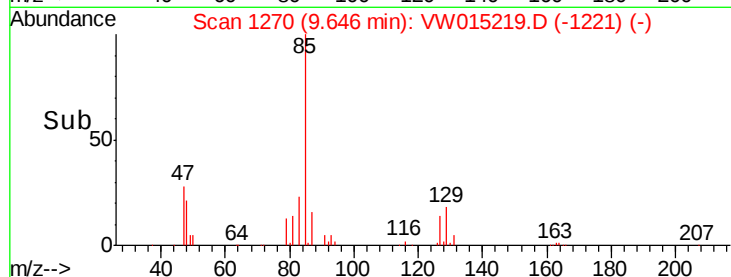
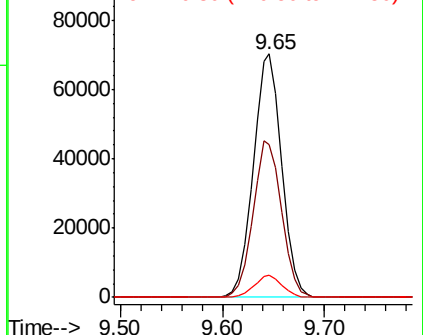
83 100

85 62.7 50.6 76.0

127 8.9 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: 42.437 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VW015219.D

Acq: 20 Apr 2020 13:19

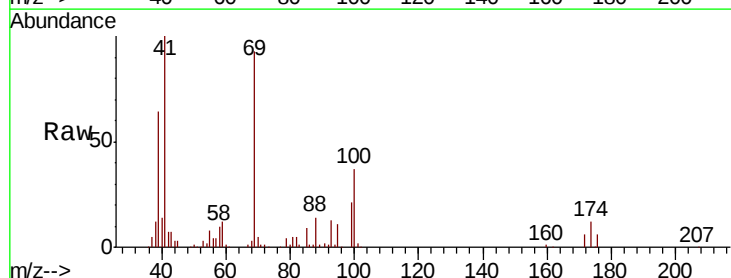
Tgt Ion: 41 Resp: 47459

Ion Ratio Lower Upper

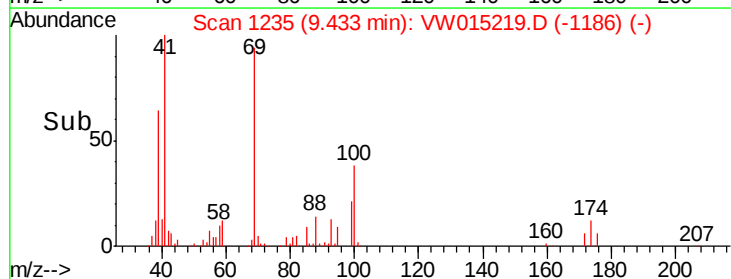
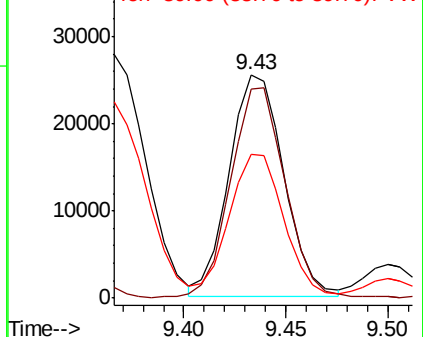
41 100

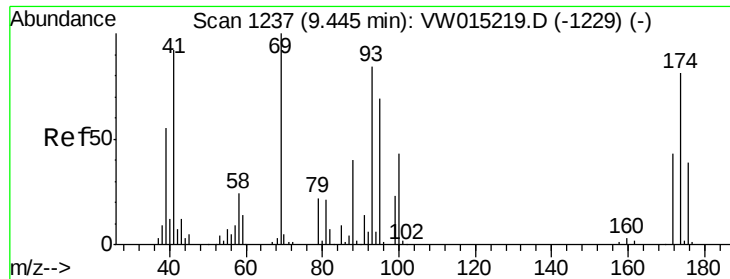
69 94.1 70.6 105.8

39 61.1 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: 883.579 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VW015219.D

Acq: 20 Apr 2020 13:19

Instrument :

MSVOA_U

ClientSampleId :

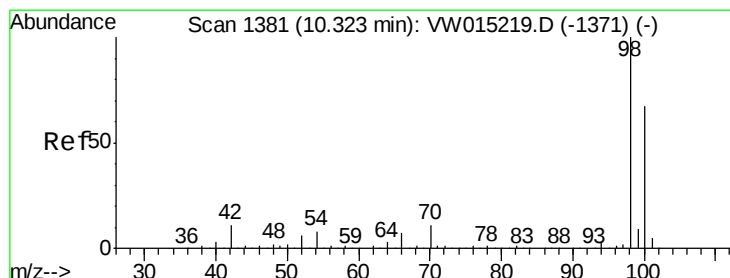
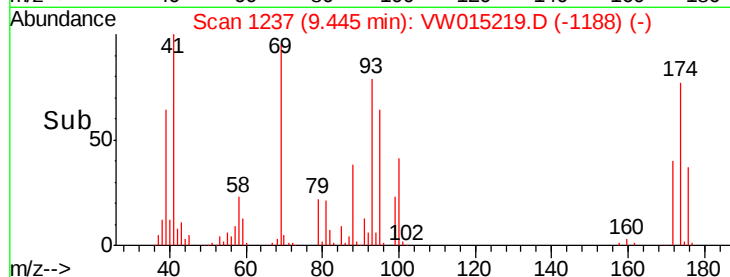
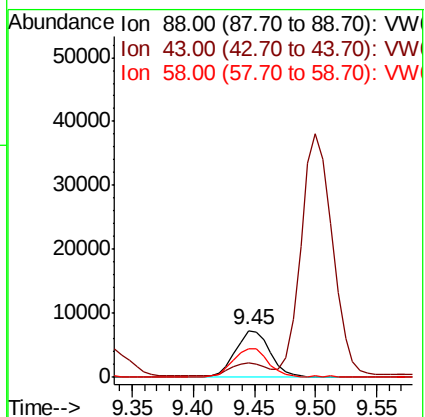
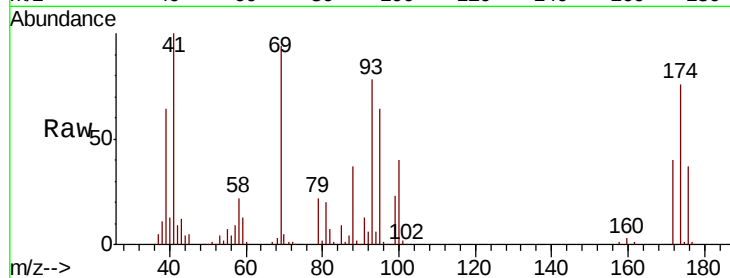
Tot Ion: 88 Resp: 14388

Ion Ratio Lower Upper

88 100

43 29.7 23.5 35.3

58 63.9 55.4 83.2



#50

Toluene-d8

Concen: 53.130 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW015219.D

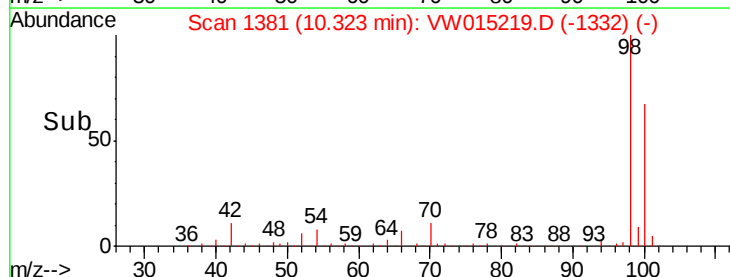
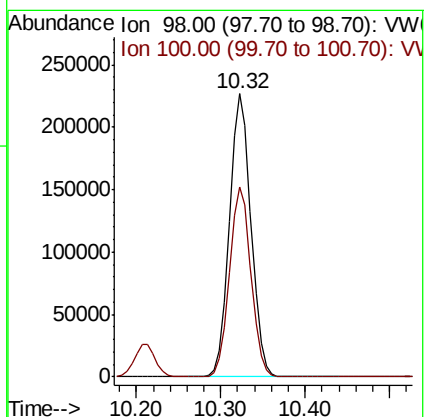
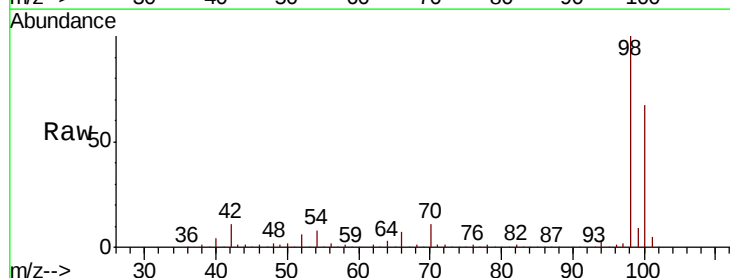
Acq: 20 Apr 2020 13:19

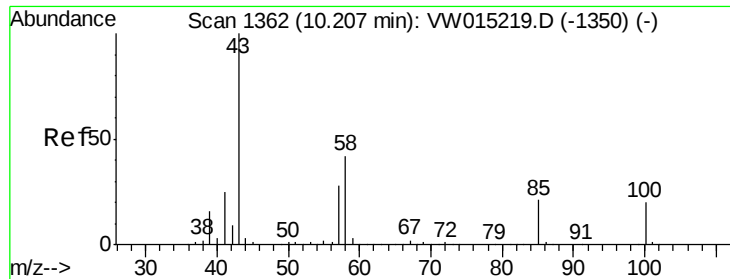
Tgt Ion: 98 Resp: 392752

Ion Ratio Lower Upper

98 100

100 66.9 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 178.067 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW015219.D

Acq: 20 Apr 2020 13:19

Instrument :

MSVOA_U

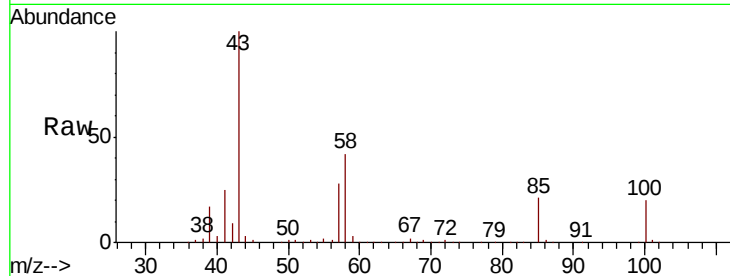
ClientSampleId :

Tot Ion: 43 Resp: 225180

Ion Ratio Lower Upper

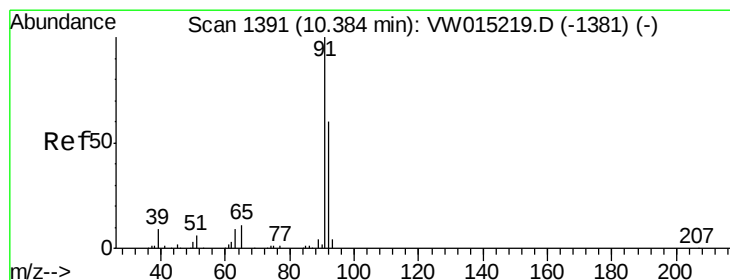
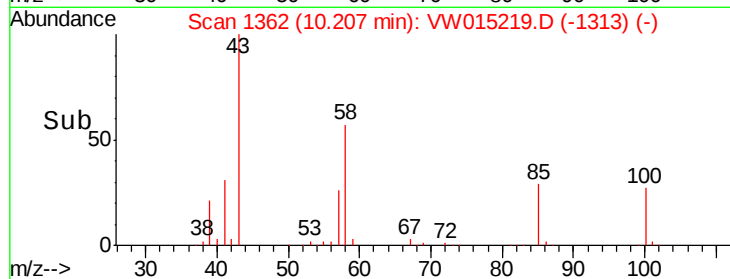
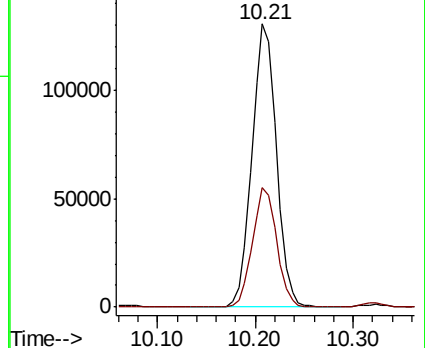
43 100

58 42.1 32.3 48.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 50.612 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW015219.D

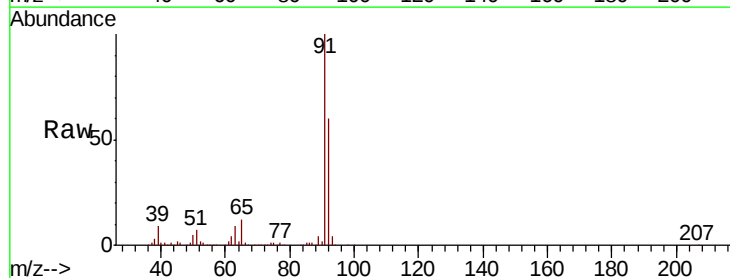
Acq: 20 Apr 2020 13:19

Tgt Ion: 92 Resp: 270422

Ion Ratio Lower Upper

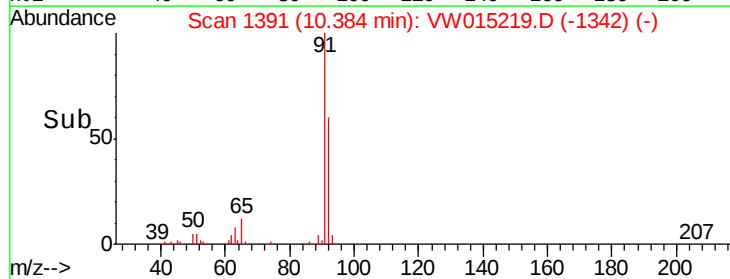
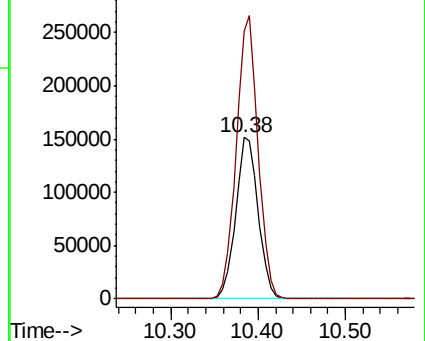
92 100

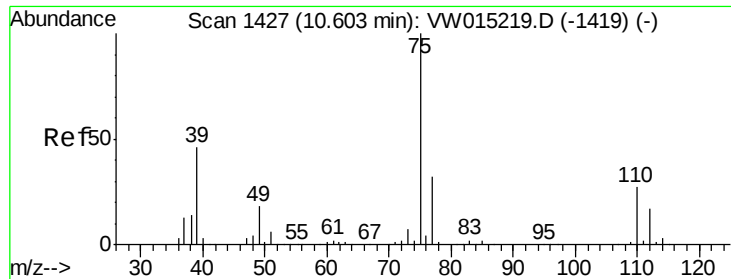
91 170.9 137.1 205.7



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

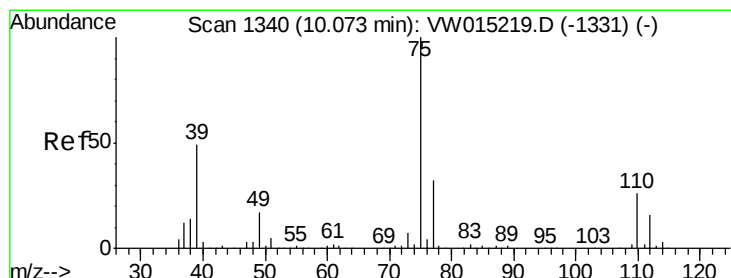
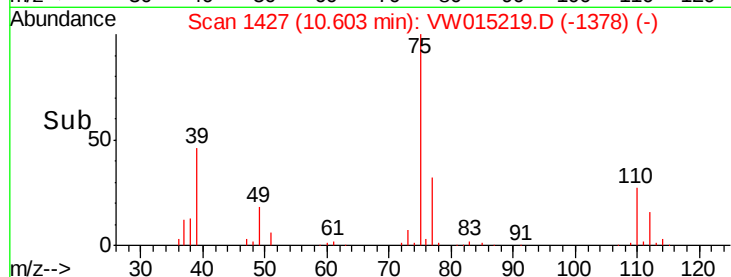
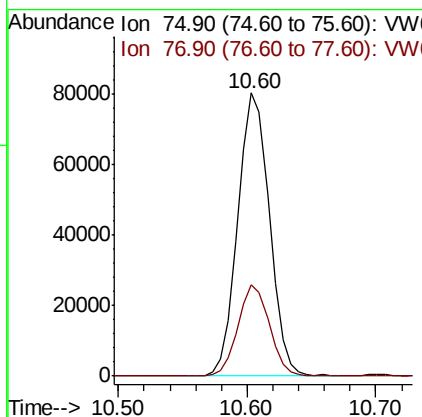
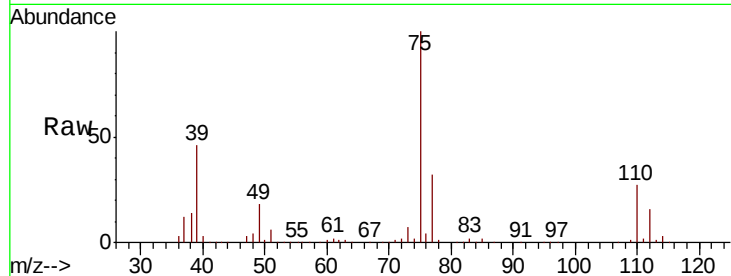




#53
 t-1,3-Dichloropropene
 Concen: 50.470 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. 0.00 min
 Lab File: VW015219.D
 Acq: 20 Apr 2020 13:19

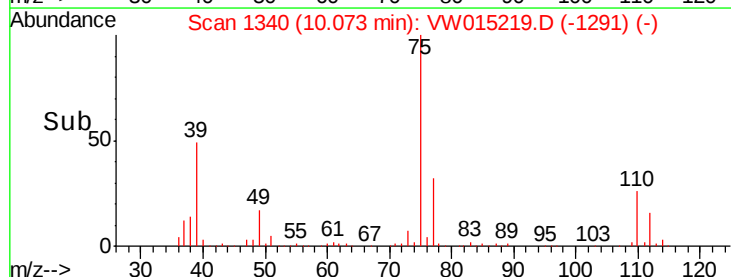
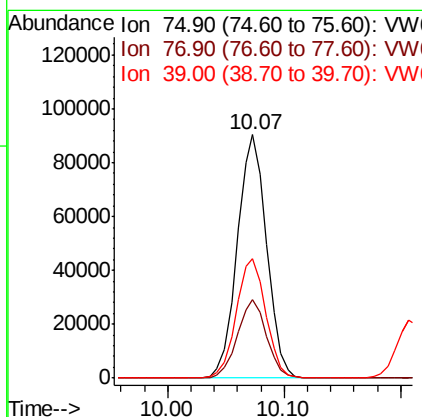
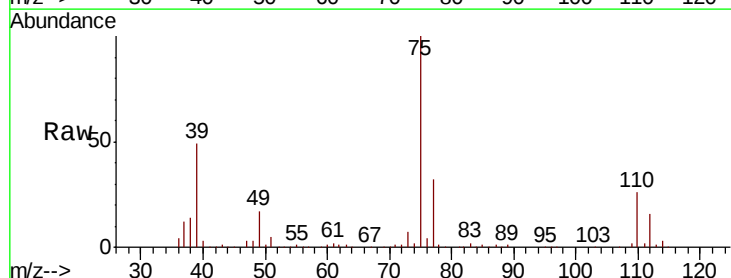
Instrument :
 MSVOA_U
 ClientSampleId :

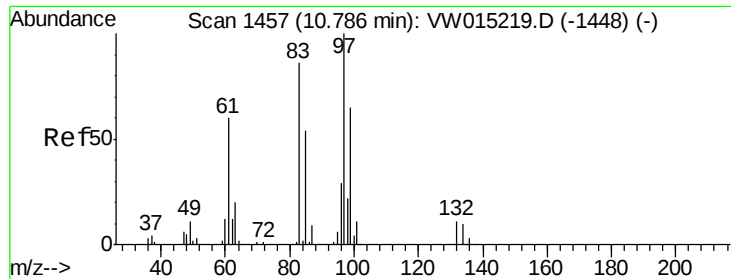
Tot Ion: 75 Resp: 136648
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 48.380 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW015219.D
 Acq: 20 Apr 2020 13:19

Tgt Ion: 75 Resp: 158027
 Ion Ratio Lower Upper
 75 100
 77 32.1 26.6 39.8
 39 49.0 37.8 56.6





#55

1,1,2-Trichloroethane

Concen: 48.590 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. 0.00 min

Lab File: VW015219.D

Acq: 20 Apr 2020 13:19

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 97 Resp: 70666

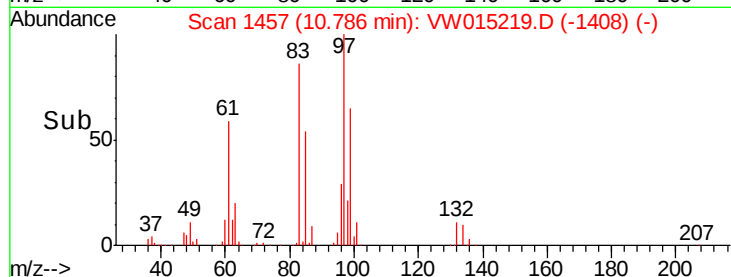
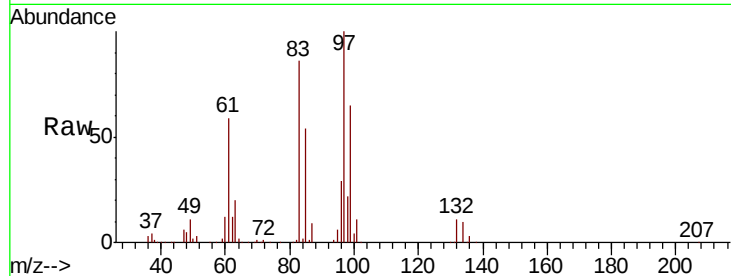
Ion	Ratio	Lower	Upper
97	100		
83	85.6	67.3	100.9
85	53.7	43.8	65.8
99	65.0	51.4	77.0

97 100

83 85.6 67.3 100.9

85 53.7 43.8 65.8

99 65.0 51.4 77.0



Abundance

Ion 96.90 (96.60 to 97.60): VW

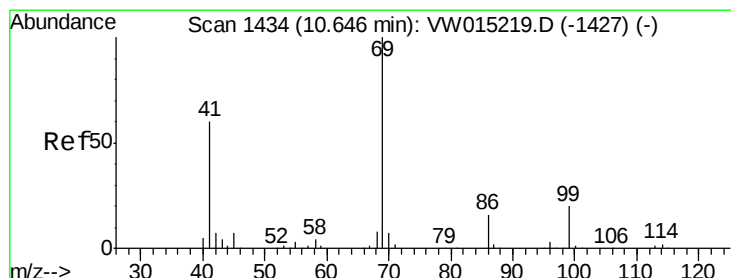
Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW

10.79

Time-->



#56

Ethyl methacrylate

Concen: 46.123 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW015219.D

Acq: 20 Apr 2020 13:19

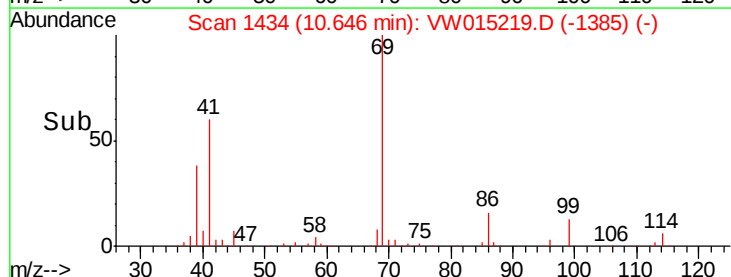
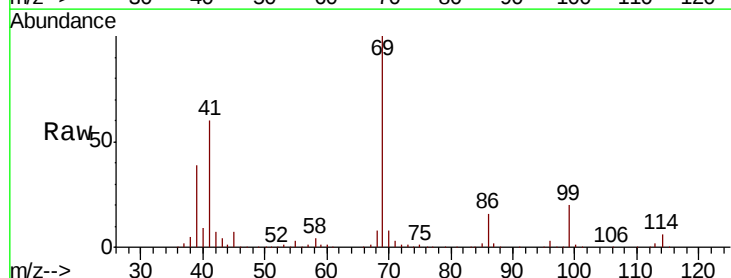
Tgt Ion: 69 Resp: 92434

Ion	Ratio	Lower	Upper
69	100		
41	59.5	51.3	76.9
39	35.7	24.6	37.0

69 100

41 59.5 51.3 76.9

39 35.7 24.6 37.0



Abundance

Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

10.65

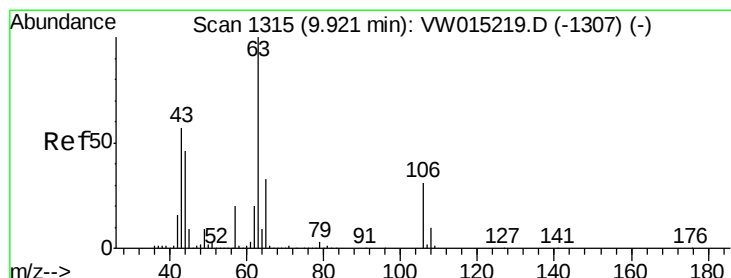
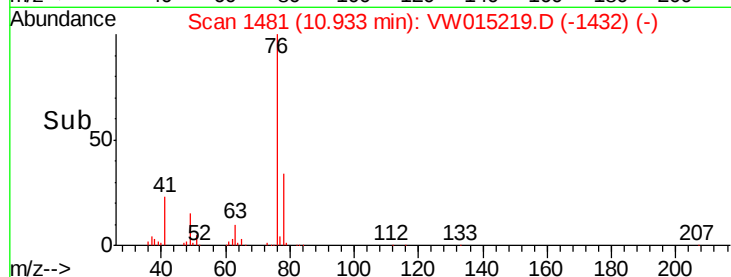
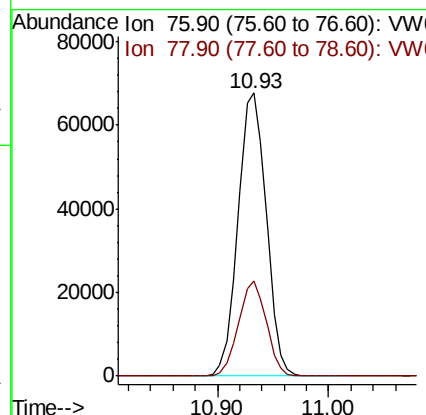
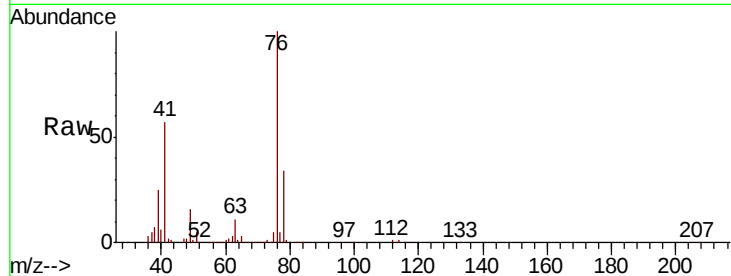
Time-->



#57
 1,3-Dichloropropane
 Concen: 46.509 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW015219.D
 Acq: 20 Apr 2020 13:19

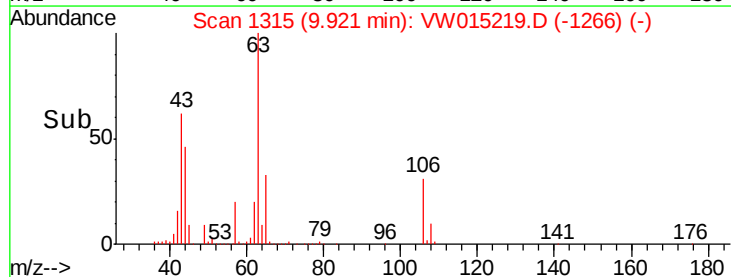
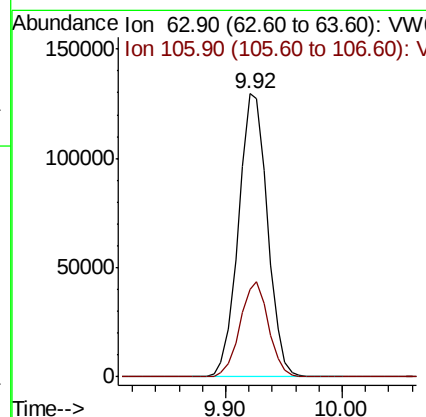
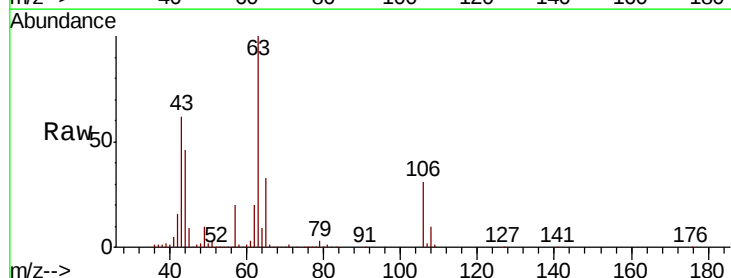
Instrument :
 MSVOA_U
 ClientSampleId :

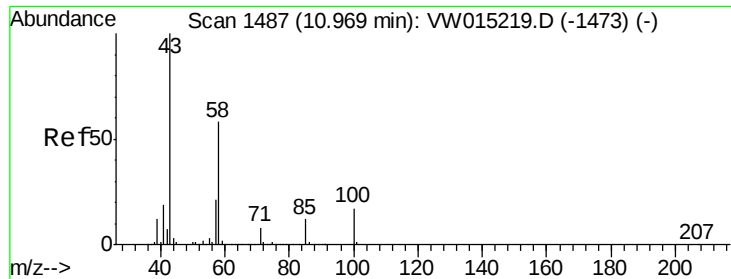
Tot Ion: 76 Resp: 118884
 Ion Ratio Lower Upper
 76 100
 78 32.9 26.2 39.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 227.002 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW015219.D
 Acq: 20 Apr 2020 13:19

Tgt Ion: 63 Resp: 225155
 Ion Ratio Lower Upper
 63 100
 106 32.9 22.6 33.8

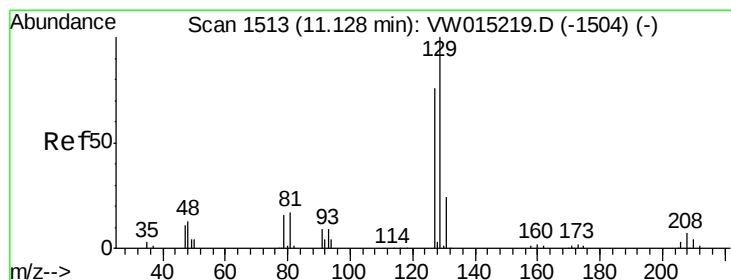
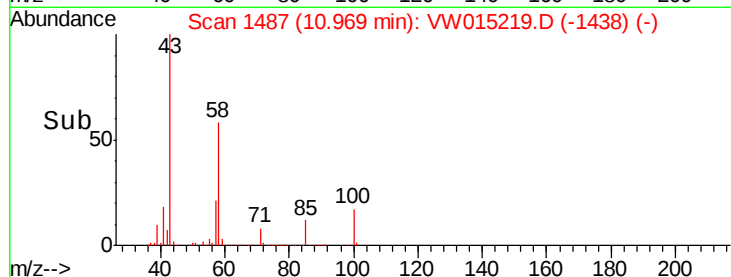
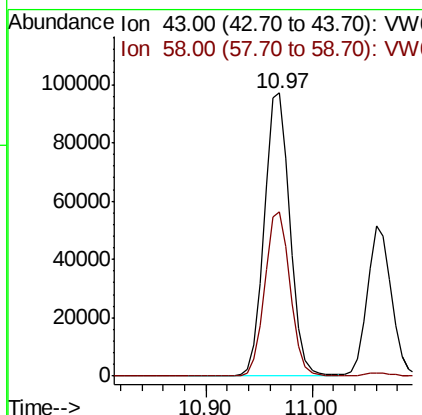
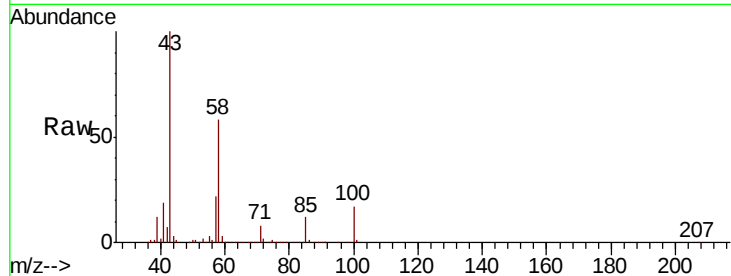




#59
2-Hexanone
Concen: 204.775 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW015219.D
Acq: 20 Apr 2020 13:19

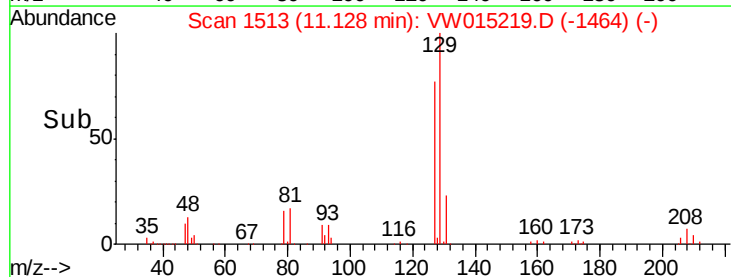
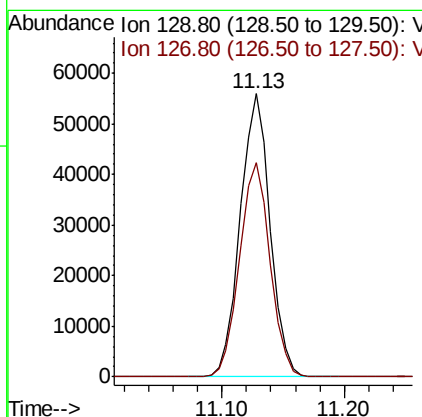
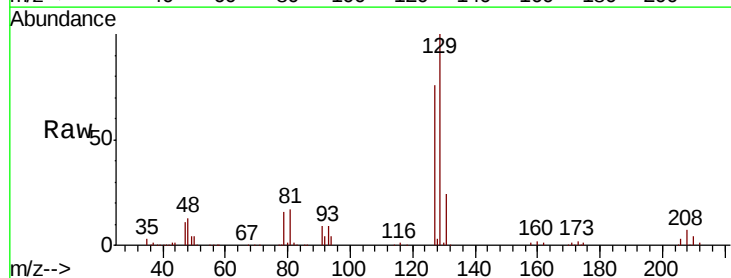
Instrument :
MSVOA_U
ClientSampleId :

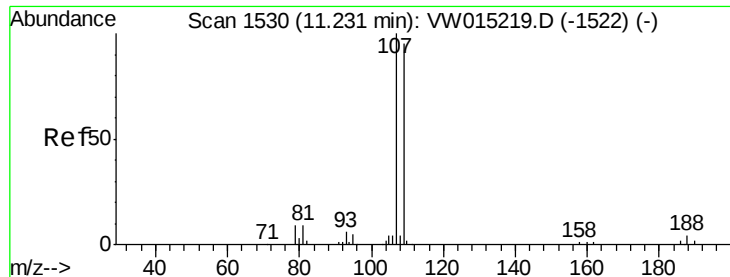
Tot Ion: 43 Resp: 162521
Ion Ratio Lower Upper
43 100
58 57.9 28.1 84.3



#60
Dibromochloromethane
Concen: 54.551 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW015219.D
Acq: 20 Apr 2020 13:19

Tgt Ion: 129 Resp: 94660
Ion Ratio Lower Upper
129 100
127 77.3 38.3 114.8

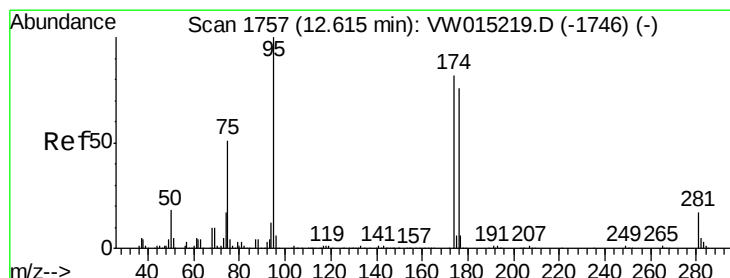
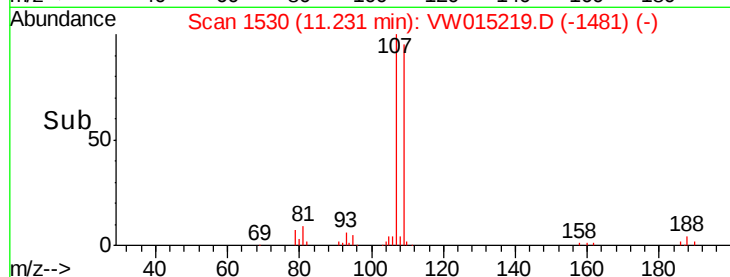
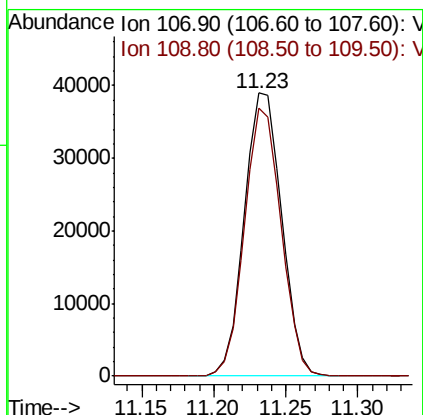
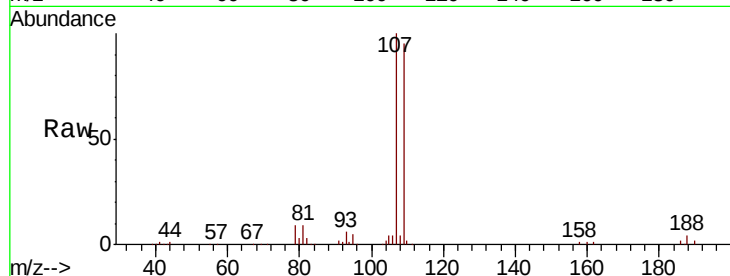




#61
 1,2-Dibromoethane
 Concen: 50.023 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VW015219.D
 Acq: 20 Apr 2020 13:19

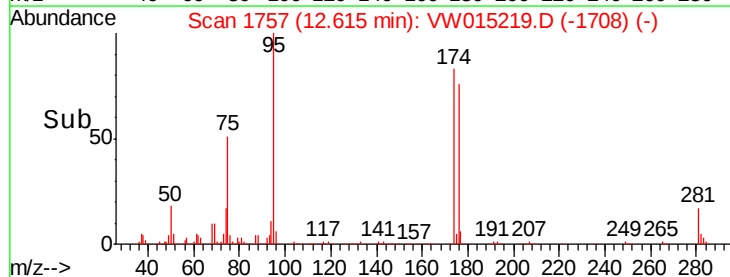
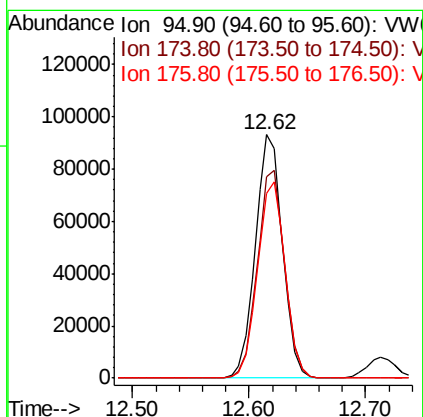
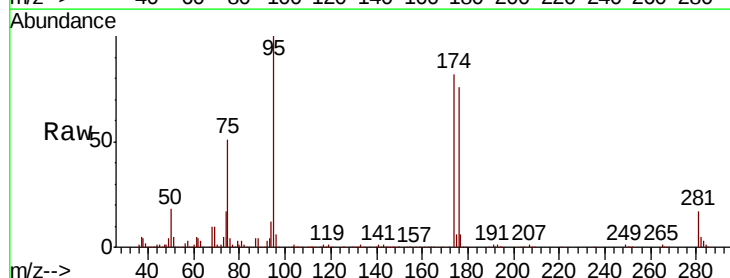
Instrument :
 MSVOA_U
 ClientSampleId :

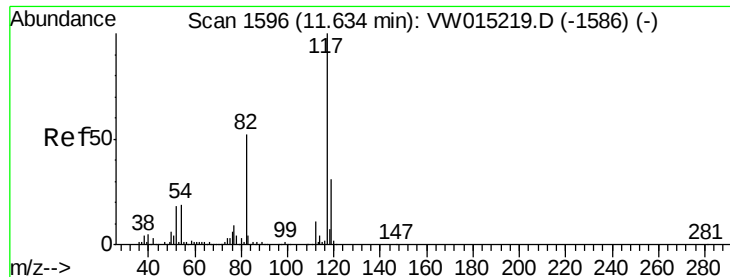
Tot Ion: 107 Resp: 70112
 Ion Ratio Lower Upper
 107 100
 109 92.9 74.3 111.5



#62
 4-Bromofluorobenzene
 Concen: 58.398 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VW015219.D
 Acq: 20 Apr 2020 13:19

Tgt Ion: 95 Resp: 151198
 Ion Ratio Lower Upper
 95 100
 174 85.8 0.0 144.4
 176 82.2 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: VW015219.D

Acq: 20 Apr 2020 13:19

Instrument :

MSVOA_U

ClientSampleId :

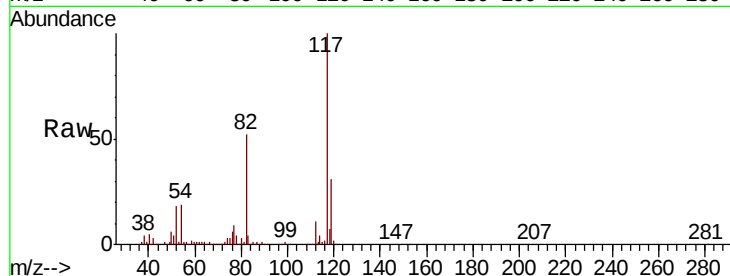
Tot Ion:117 Resp: 309764

Ion Ratio Lower Upper

117 100

82 52.0 44.1 66.1

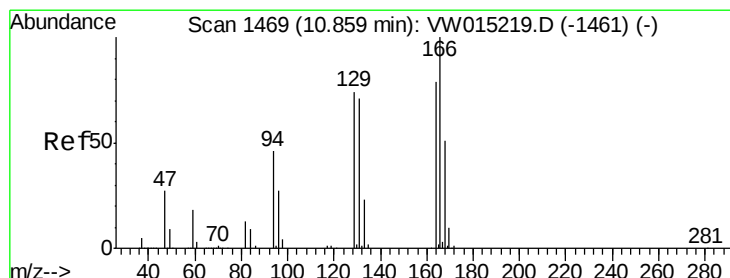
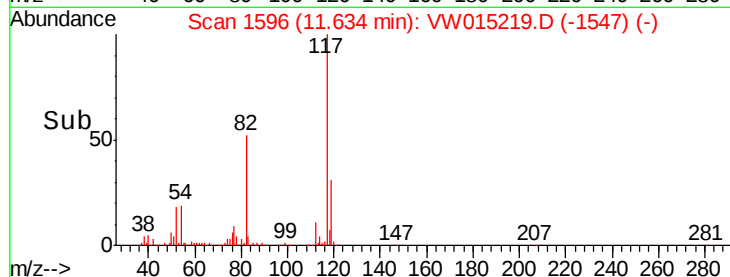
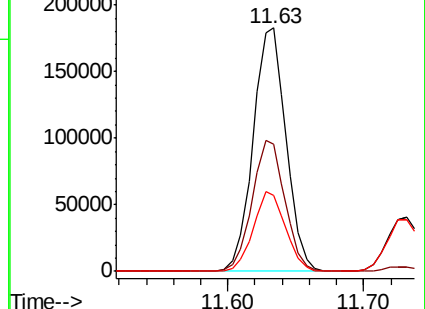
119 31.0 24.9 37.3



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: 57.364 ug/l

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW015219.D

Acq: 20 Apr 2020 13:19

Tgt Ion:164 Resp: 104376

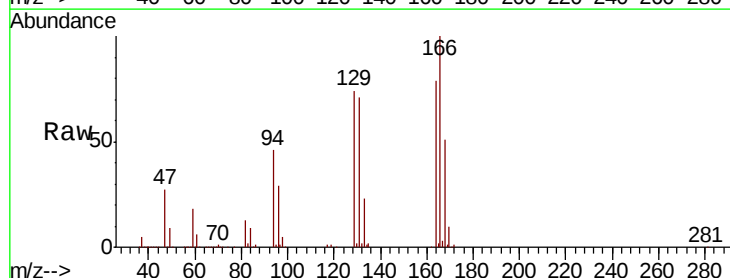
Ion Ratio Lower Upper

164 100

166 125.8 102.6 154.0

129 93.6 80.2 120.2

131 89.2 77.4 116.2

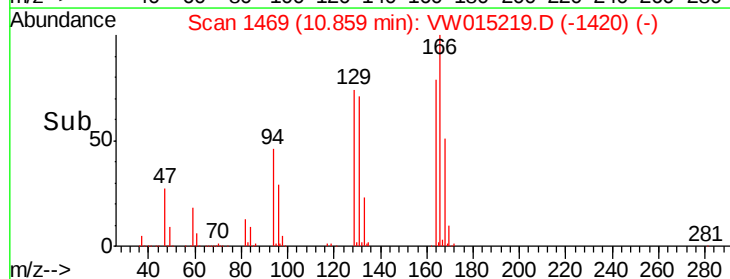
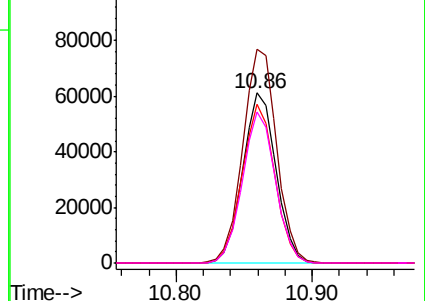


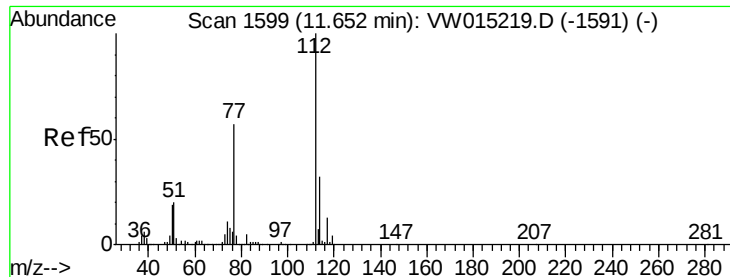
Abundance Ion 163.80 (163.50 to 164.50): V

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

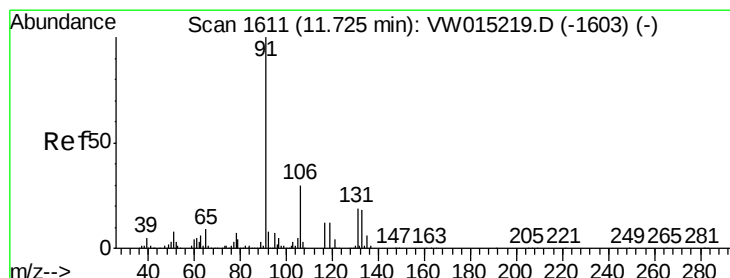
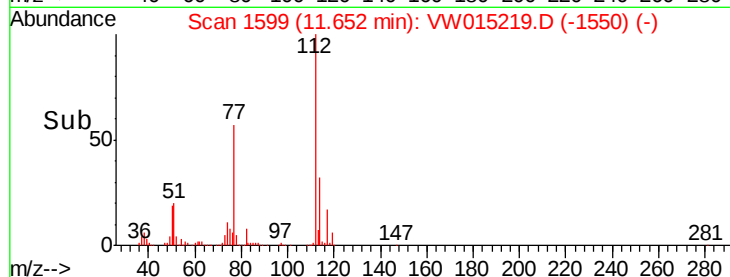
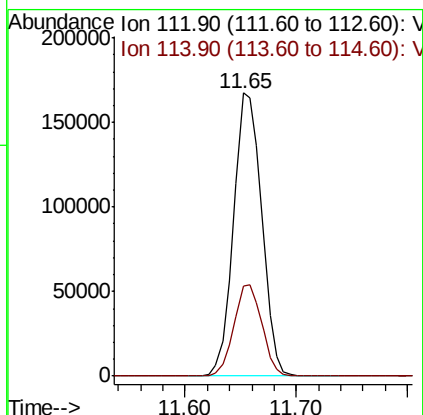
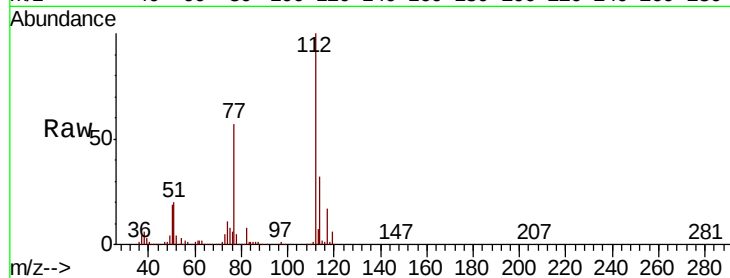




#65
Chlorobenzene
Concen: 50.213 ug/l
RT: 11.65 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VW015219.D
Acq: 20 Apr 2020 13:19

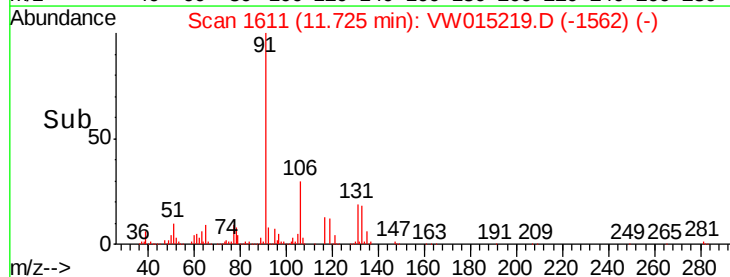
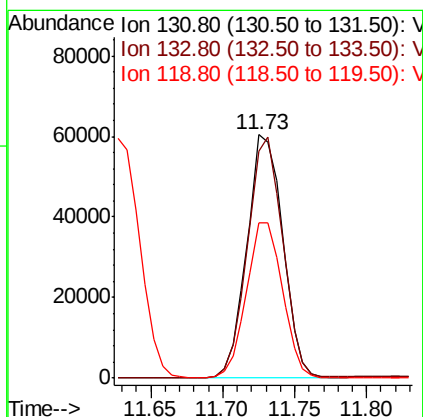
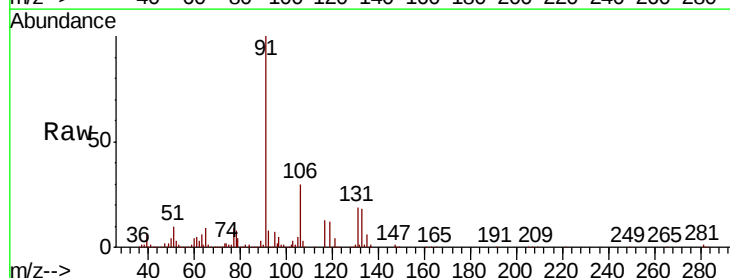
Instrument :
MSVOA_U
ClientSampleId :

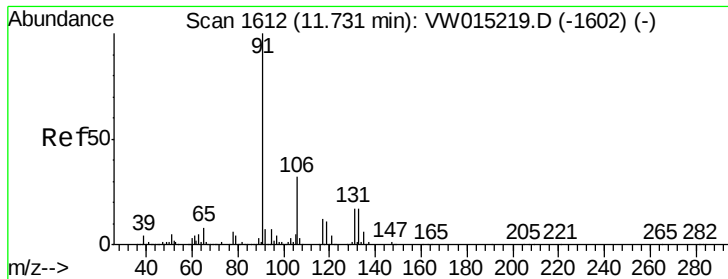
Tot Ion:112 Resp: 292674
Ion Ratio Lower Upper
112 100
114 31.7 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 52.006 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VW015219.D
Acq: 20 Apr 2020 13:19

Tgt Ion:131 Resp: 104769
Ion Ratio Lower Upper
131 100
133 96.7 47.7 143.1
119 63.7 34.0 101.8

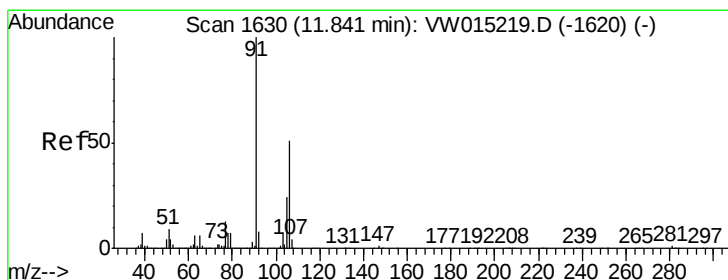
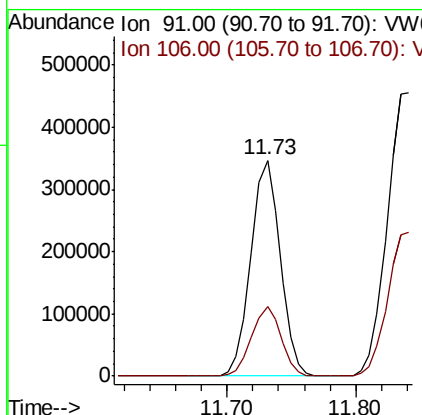
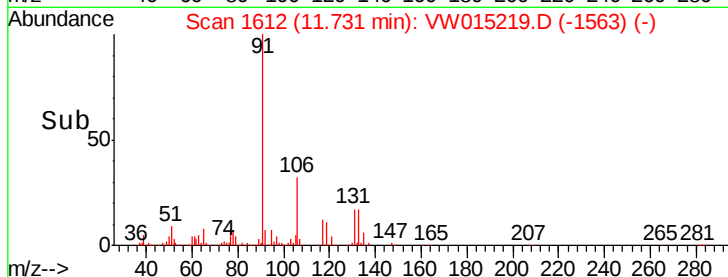
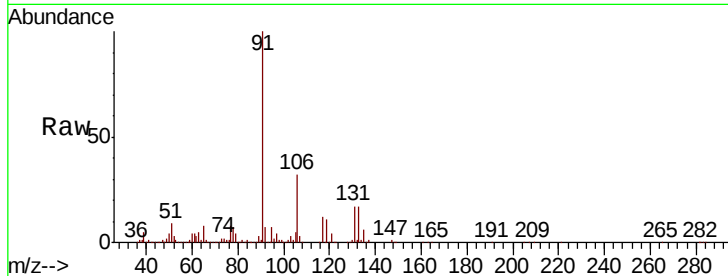




#67
Ethyl Benzene
Concen: 49.568 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015219.D
Acq: 20 Apr 2020 13:19

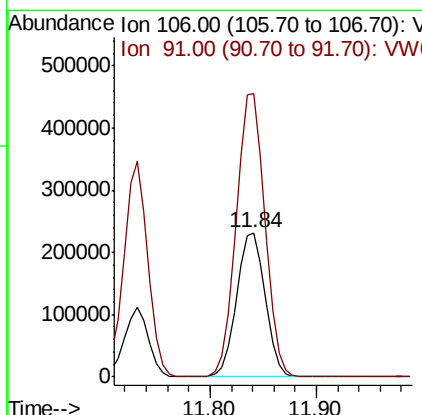
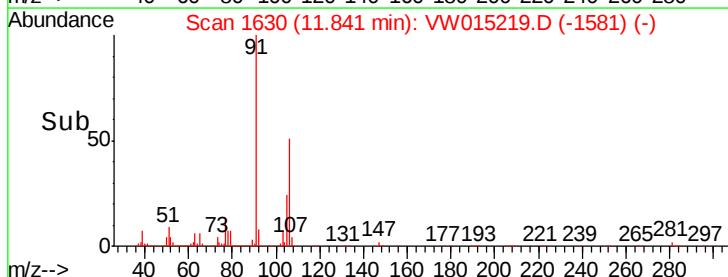
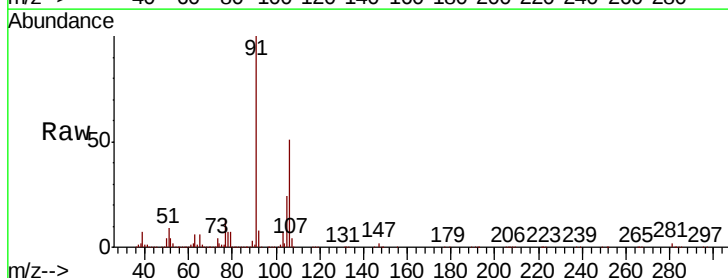
Instrument :
MSVOA_U
ClientSampleId :

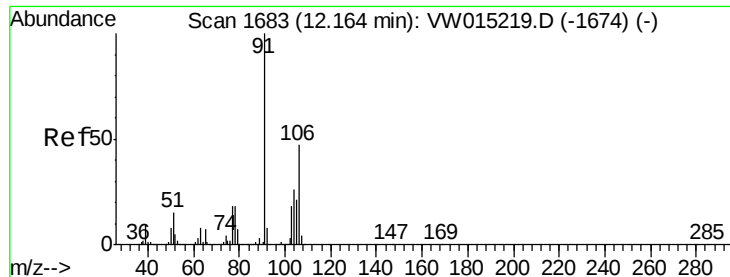
Tot Ion: 91 Resp: 545415
Ion Ratio Lower Upper
91 100
106 32.1 25.7 38.5



#68
m/p-Xylenes
Concen: 104.341 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW015219.D
Acq: 20 Apr 2020 13:19

Tgt Ion: 106 Resp: 435699
Ion Ratio Lower Upper
106 100
91 197.6 160.0 240.0

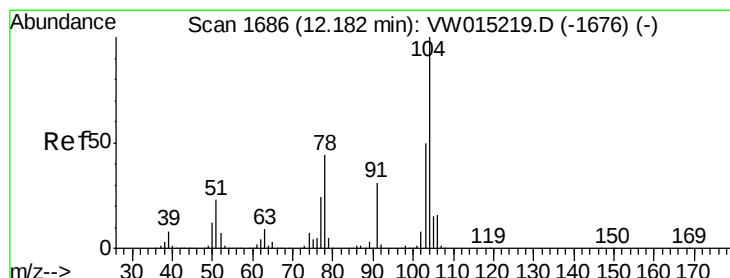
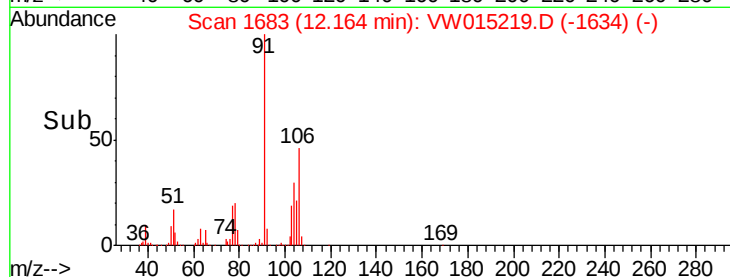
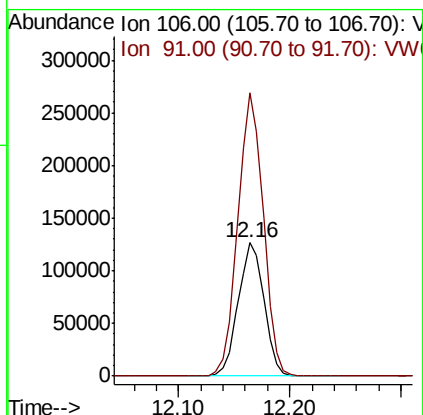
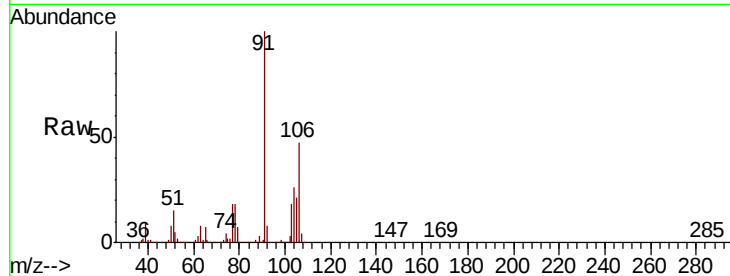




#69
o-Xylene
Concen: 51.785 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW015219.D
Acq: 20 Apr 2020 13:19

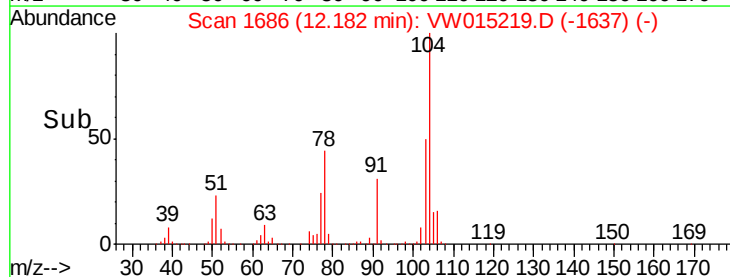
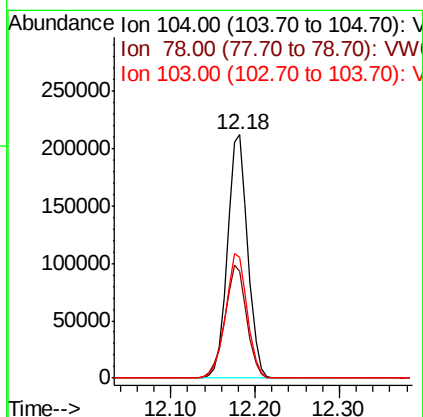
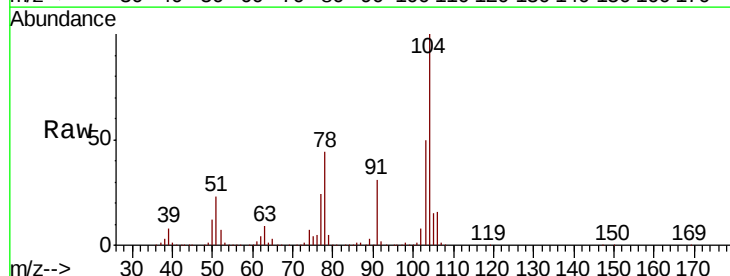
Instrument :
MSVOA_U
ClientSampled :

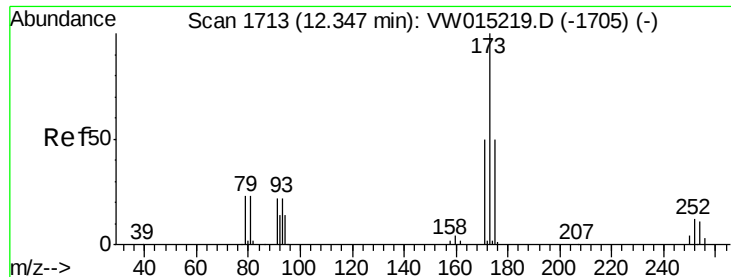
Tot Ion:106 Resp: 202679
Ion Ratio Lower Upper
106 100
91 209.4 105.7 317.1



#70
Styrene
Concen: 52.484 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW015219.D
Acq: 20 Apr 2020 13:19

Tgt Ion:104 Resp: 347018
Ion Ratio Lower Upper
104 100
78 49.9 39.8 59.6
103 54.8 43.8 65.6

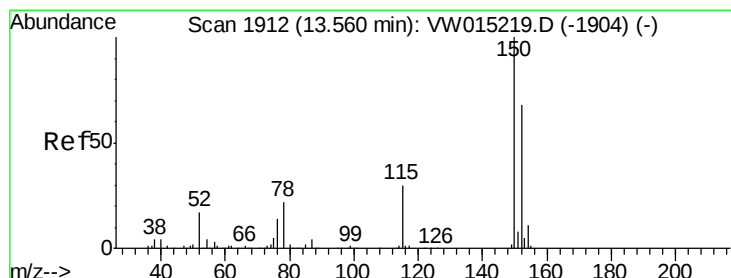
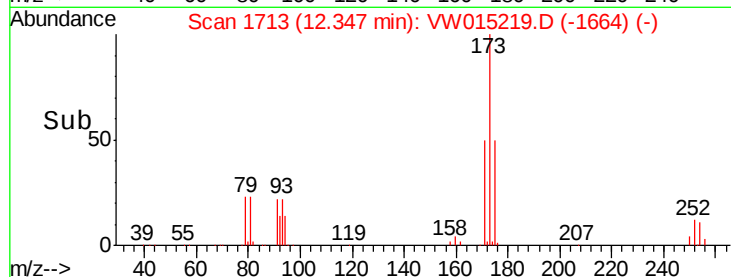
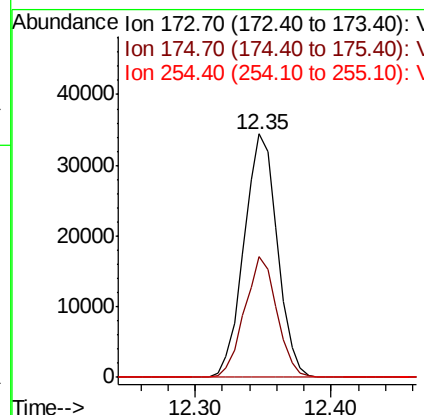
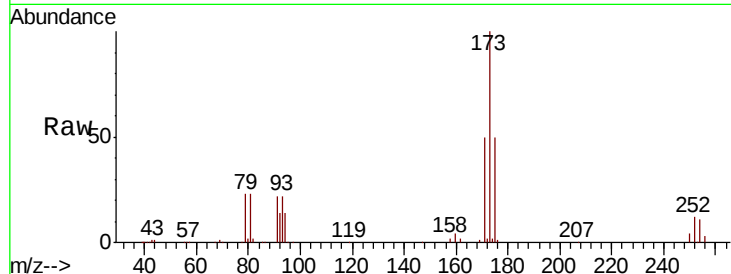




#71
Bromoform
Concen: 58.853 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. 0.00 min
Lab File: VW015219.D
Acq: 20 Apr 2020 13:19

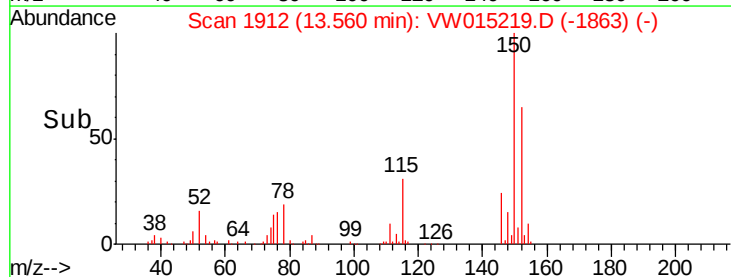
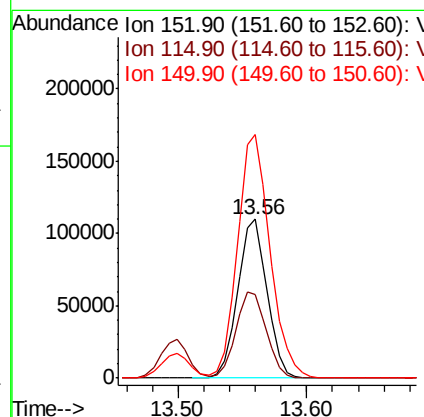
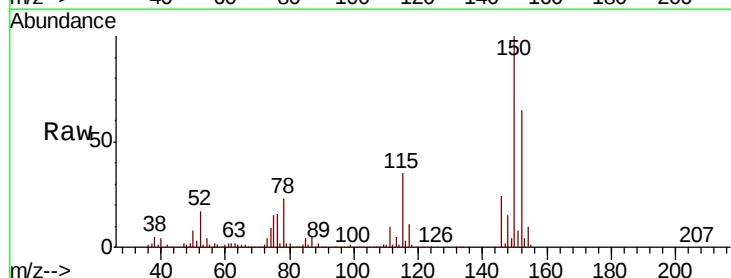
Instrument :
MSVOA_U
ClientSampleId :

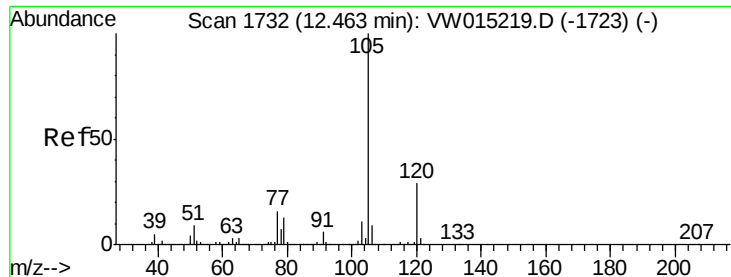
Tot Ion:173 Resp: 58881
Ion Ratio Lower Upper
173 100
175 48.4 25.1 75.4
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW015219.D
Acq: 20 Apr 2020 13:19

Tgt Ion:152 Resp: 173073
Ion Ratio Lower Upper
152 100
115 56.6 31.3 93.9
150 169.8 0.0 343.4

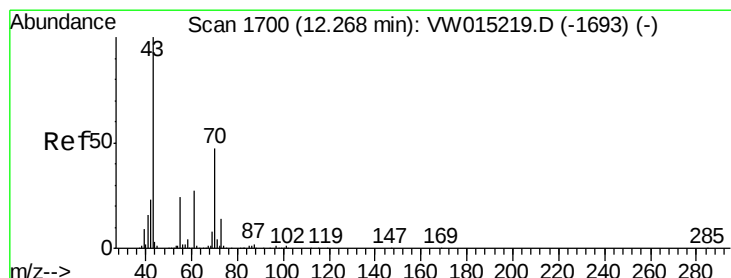
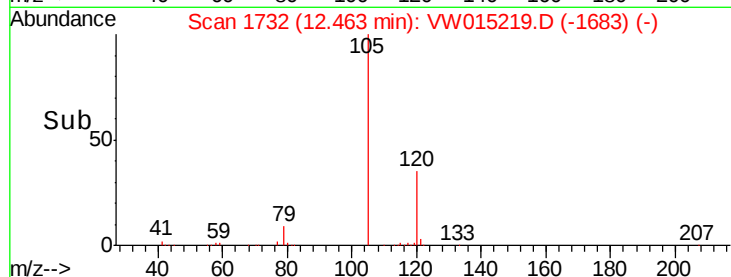
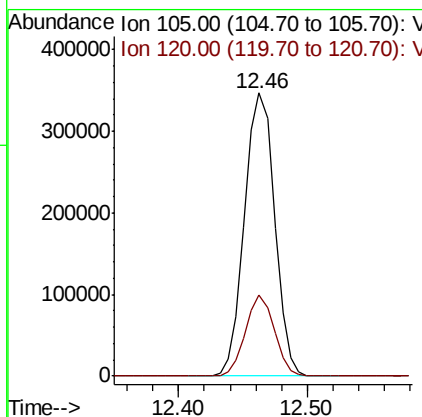
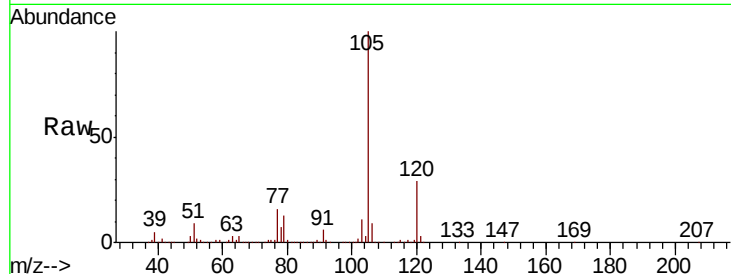




#73
Isopropylbenzene
Concen: 43.422 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VW015219.D
Acq: 20 Apr 2020 13:19

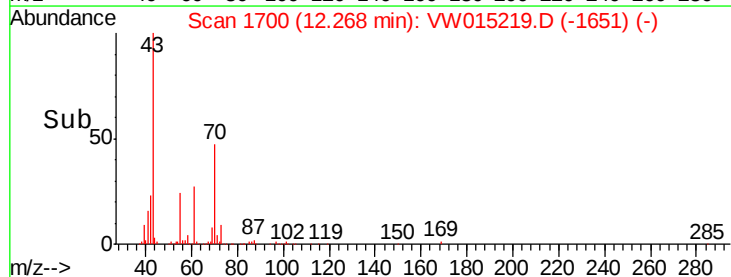
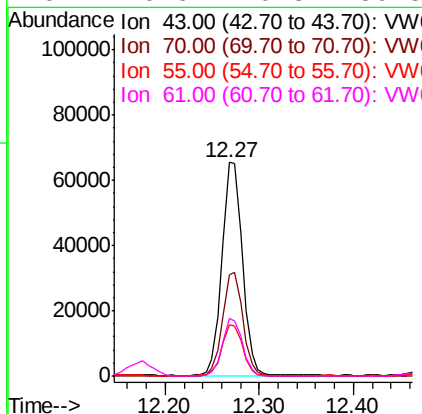
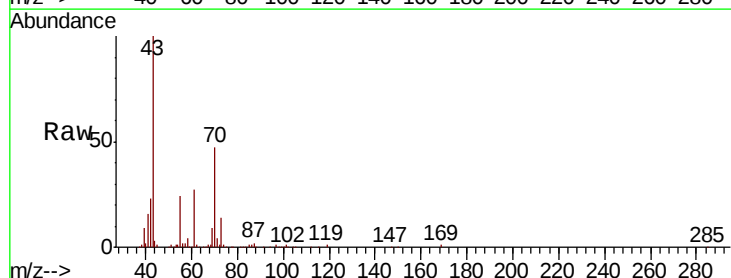
Instrument :
MSVOA_U
ClientSampleId :

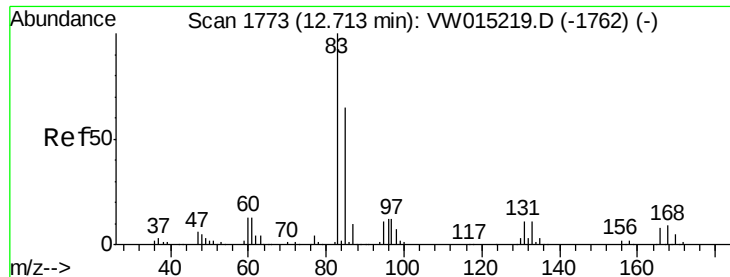
Tot Ion:105 Resp: 560448
Ion Ratio Lower Upper
105 100
120 27.4 13.7 41.1



#74
N-ethyl acetate
Concen: 32.832 ug/l
RT: 12.27 min Scan# 1700
Delta R.T. 0.00 min
Lab File: VW015219.D
Acq: 20 Apr 2020 13:19

Tgt Ion: 43 Resp: 98509
Ion Ratio Lower Upper
43 100
70 48.4 35.4 53.2
55 24.3 18.5 27.7
61 26.6 20.3 30.5





#75

1,1,2,2-Tetrachloroethane

Concen: 35.574 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW015219.D

Acq: 20 Apr 2020 13:19

Instrument :

MSVOA_U

ClientSampleId :

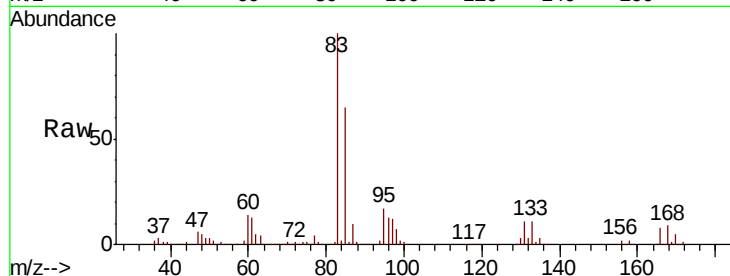
Tot Ion: 83 Resp: 76932

Ion Ratio Lower Upper

83 100

131 11.8 5.1 15.2

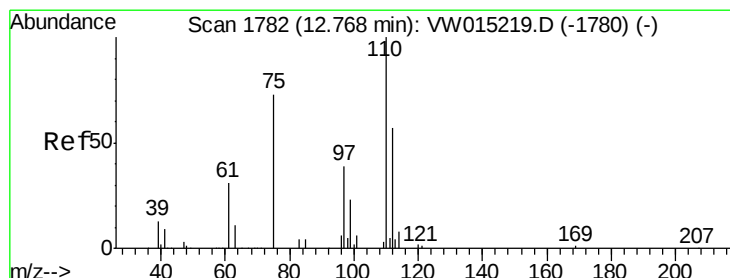
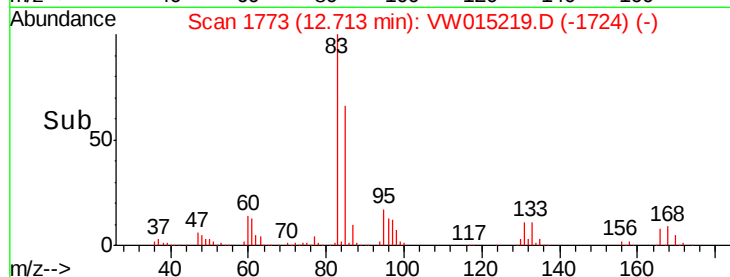
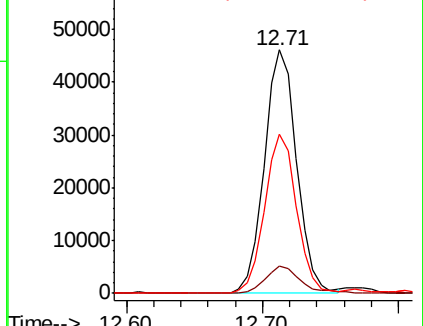
85 64.5 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 71.948 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW015219.D

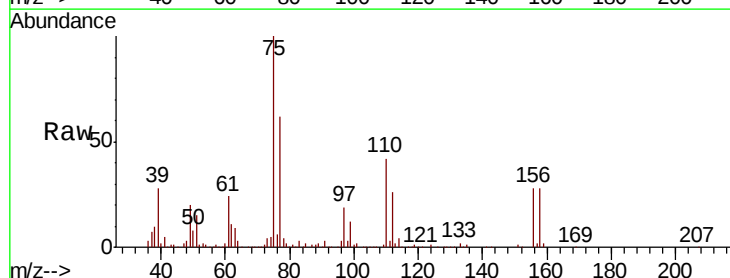
Acq: 20 Apr 2020 13:19

Tgt Ion: 75 Resp: 106596

Ion Ratio Lower Upper

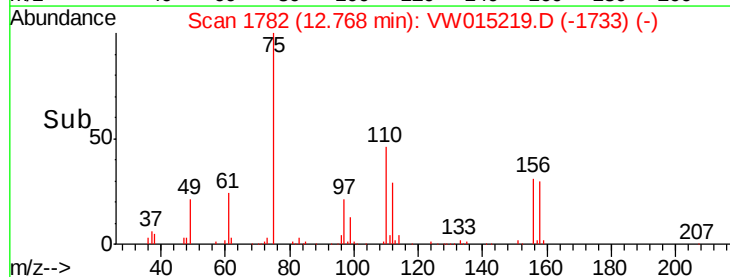
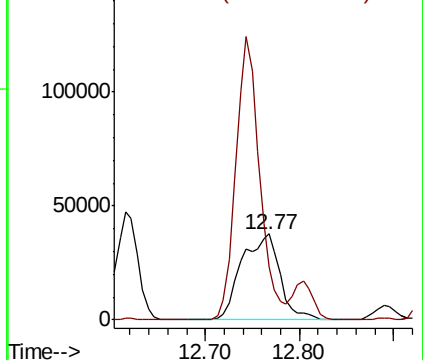
75 100

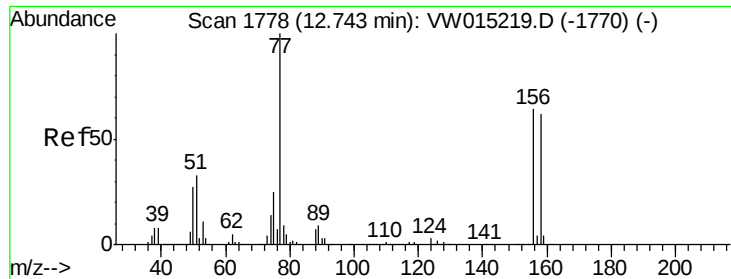
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

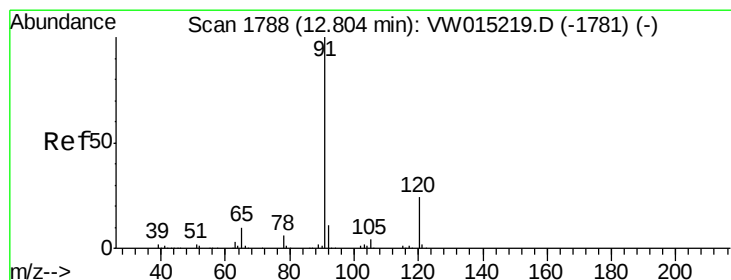
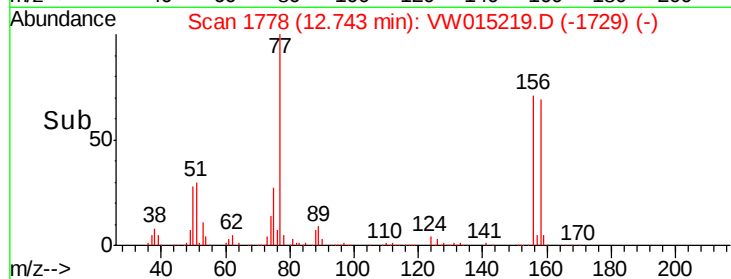
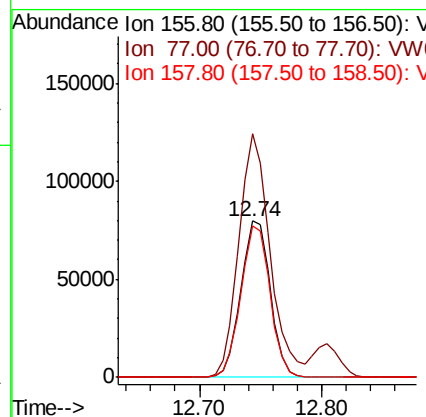
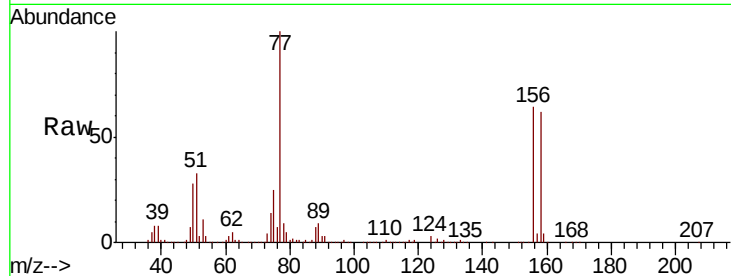




#77
Bromobenzene
Concen: 49.707 ug/l
RT: 12.74 min Scan# 1778
Delta R.T. 0.00 min
Lab File: VW015219.D
Acq: 20 Apr 2020 13:19

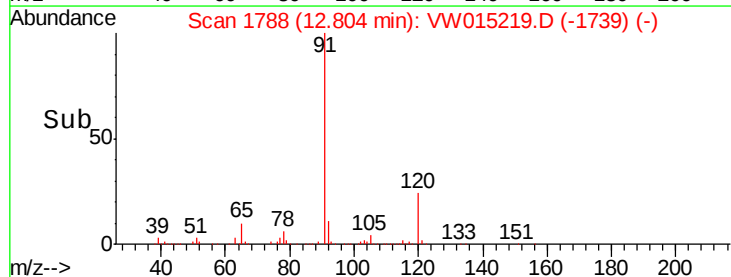
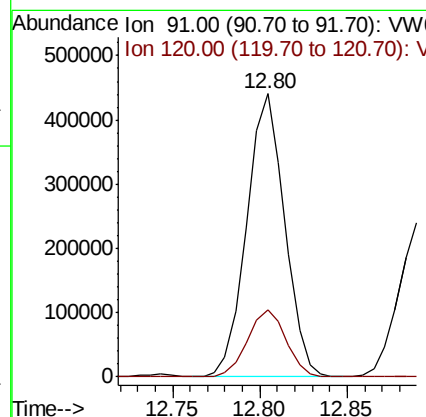
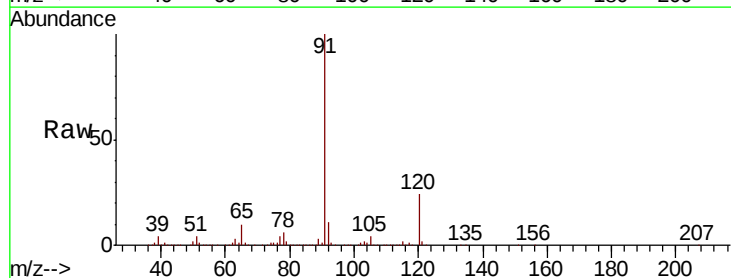
Instrument :
MSVOA_U
ClientSampleId :

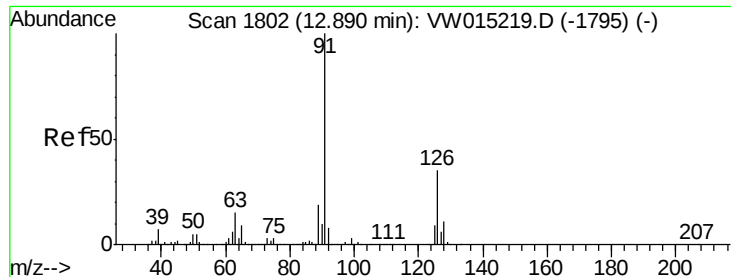
Tot Ion:156 Resp: 132918
Ion Ratio Lower Upper
156 100
77 165.4 100.5 301.5
158 96.1 47.9 143.8



#78
n-propylbenzene
Concen: 42.539 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. 0.00 min
Lab File: VW015219.D
Acq: 20 Apr 2020 13:19

Tgt Ion: 91 Resp: 662149
Ion Ratio Lower Upper
91 100
120 24.2 11.4 34.1





#79

2-Chlorotoluene

Concen: 43.620 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW015219.D

Acq: 20 Apr 2020 13:19

Instrument :

MSVOA_U

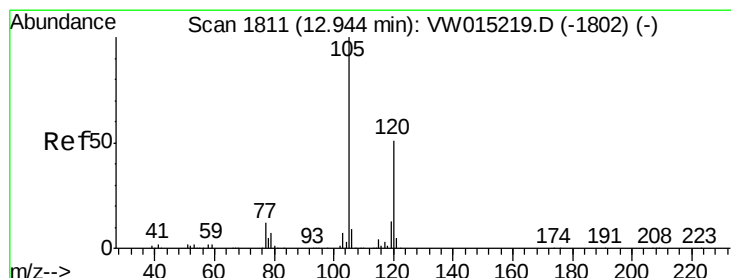
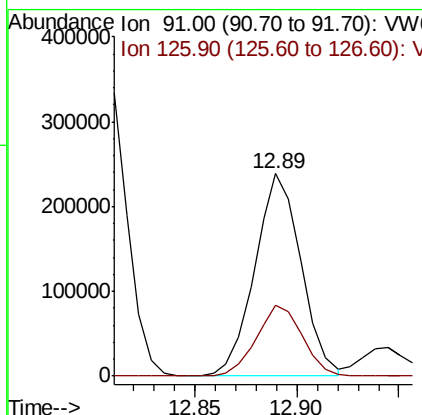
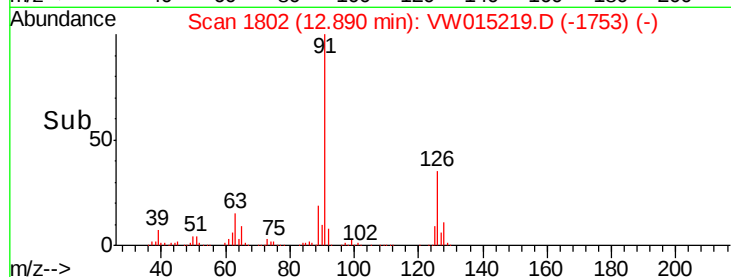
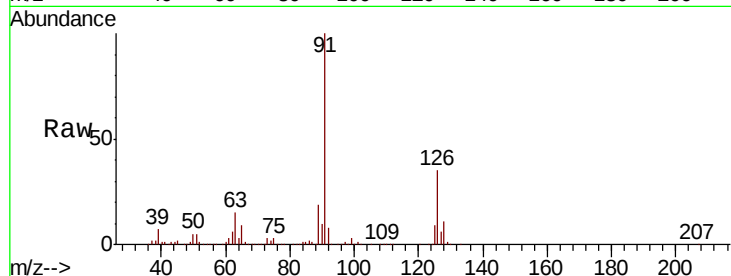
ClientSampleId :

Tot Ion: 91 Resp: 375346

Ion Ratio Lower Upper

91 100

126 35.1 16.8 50.4



#80

1,3,5-Trimethylbenzene

Concen: 45.262 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW015219.D

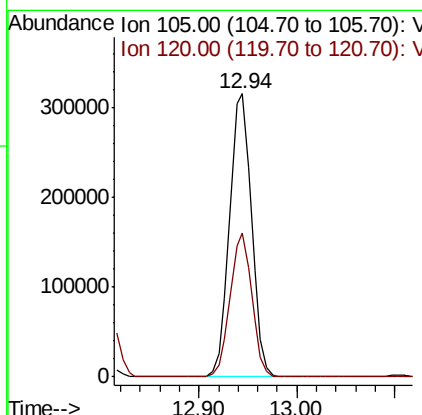
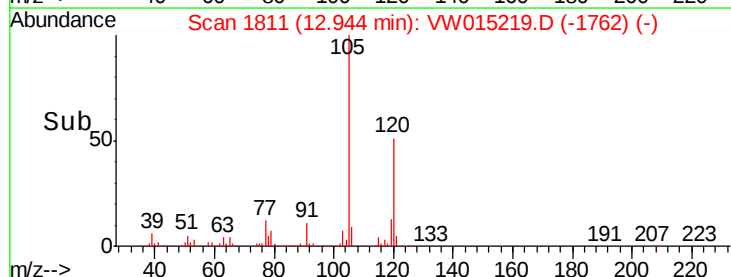
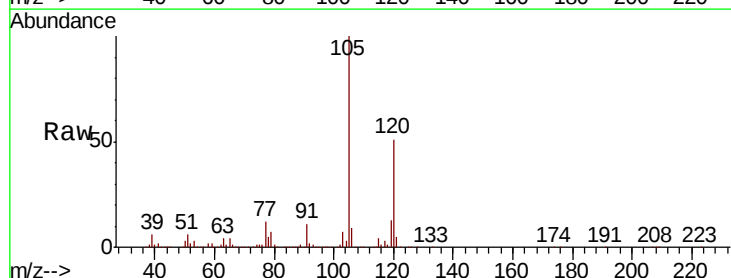
Acq: 20 Apr 2020 13:19

Tgt Ion:105 Resp: 491914

Ion Ratio Lower Upper

105 100

120 50.3 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 37.953 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW015219.D

Acq: 20 Apr 2020 13:19

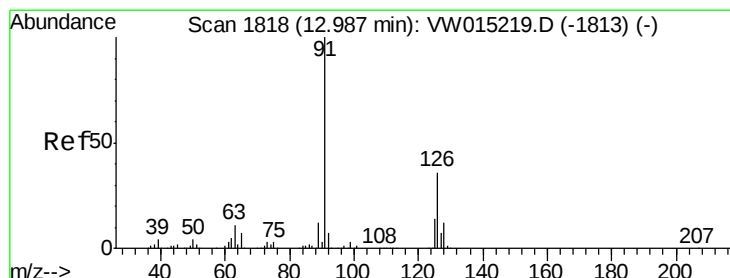
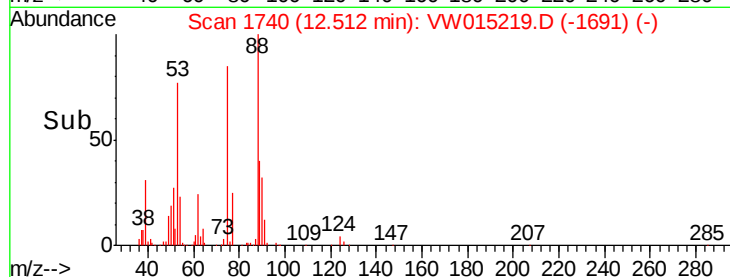
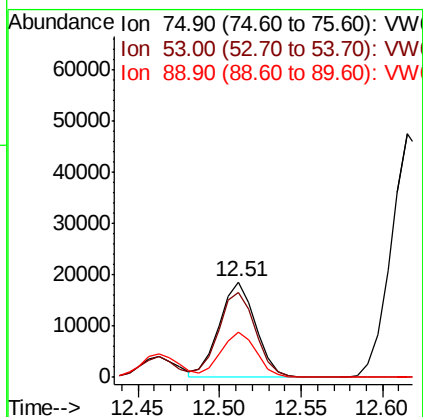
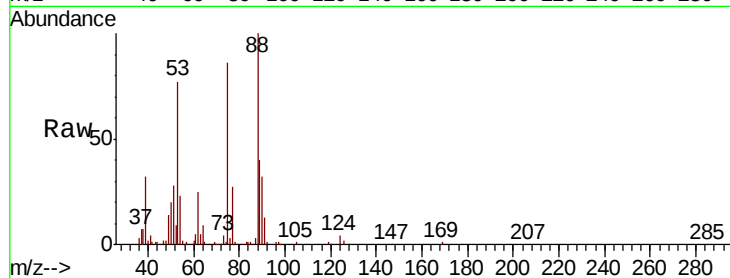
Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 29063

Ion	Ratio	Lower	Upper
75	100		
53	90.7	69.4	104.2
89	45.6	34.8	52.2



#82

4-Chlorotoluene

Concen: 43.975 ug/l

RT: 12.99 min Scan# 1818

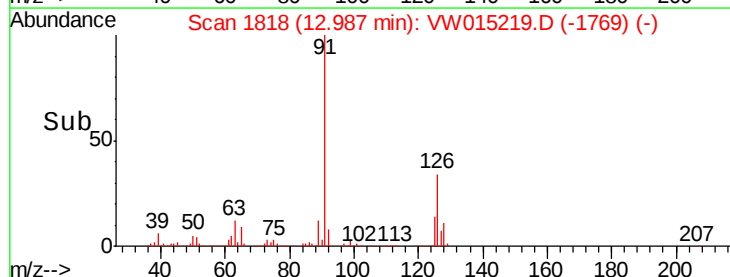
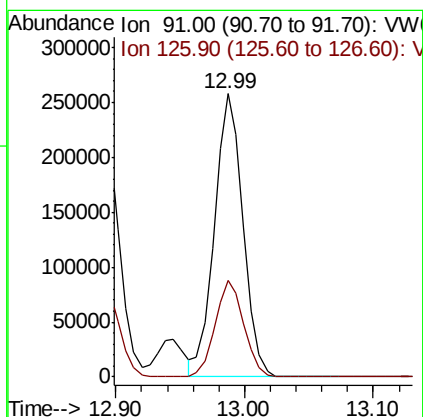
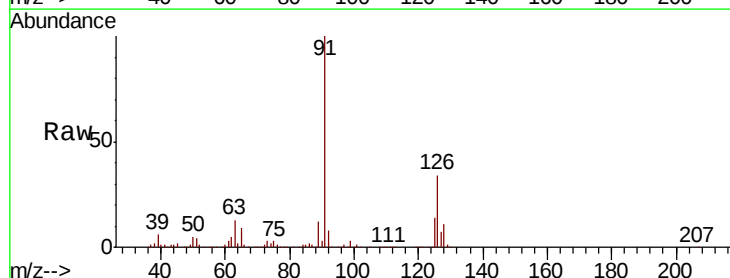
Delta R.T. 0.00 min

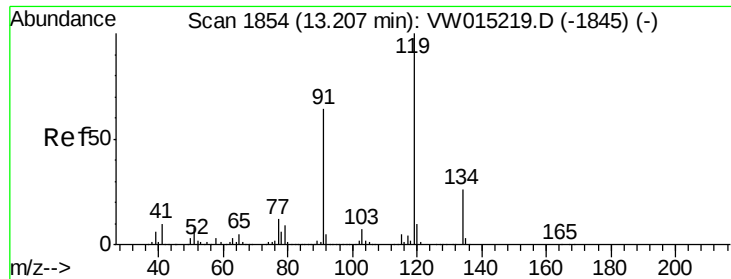
Lab File: VW015219.D

Acq: 20 Apr 2020 13:19

Tgt Ion: 91 Resp: 399781

Ion	Ratio	Lower	Upper
91	100		
126	34.4	16.8	50.3

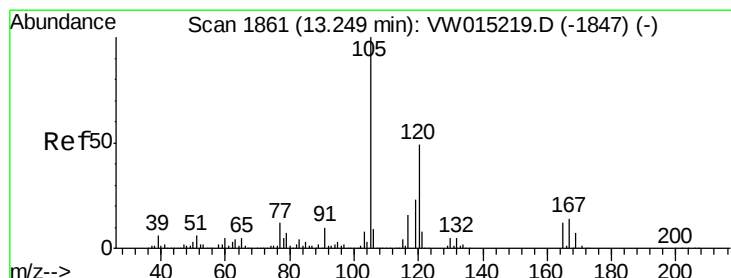
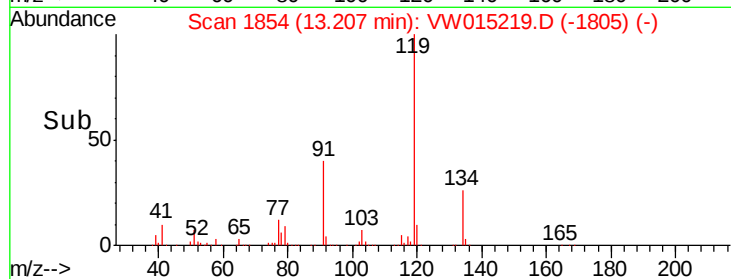
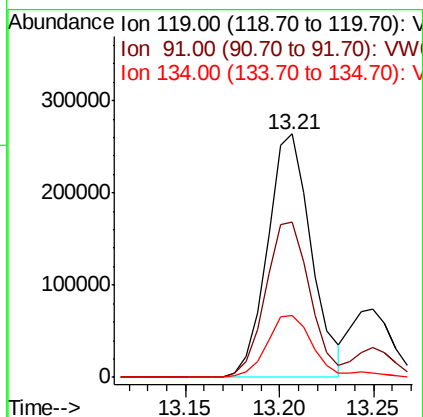
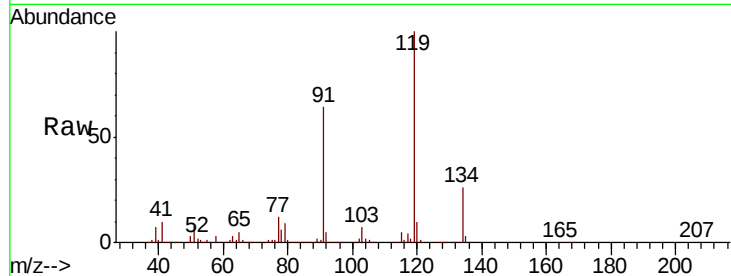




#83
tert-Butylbenzene
Concen: 45.097 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW015219.D
Acq: 20 Apr 2020 13:19

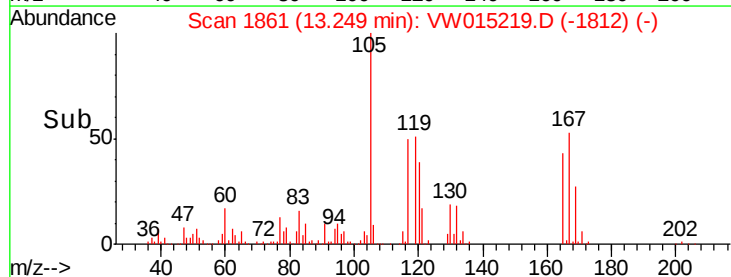
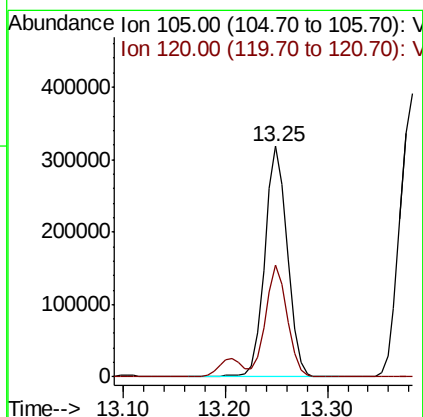
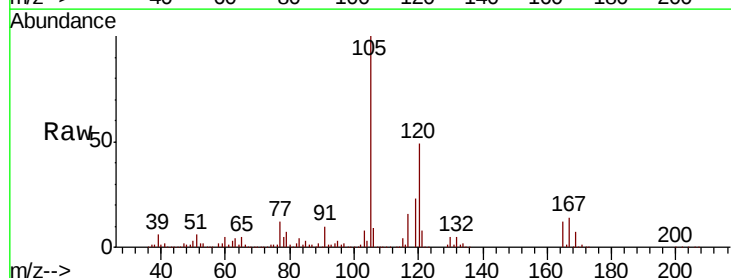
Instrument :
MSVOA_U
ClientSampleId :

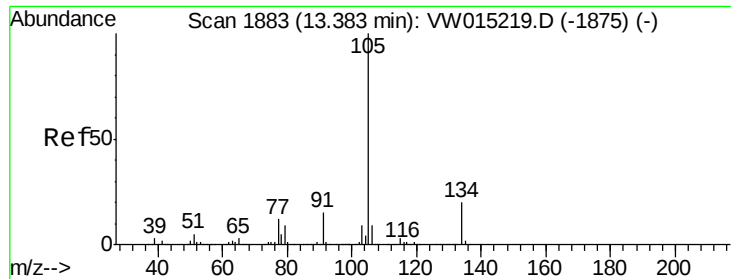
Tot Ion:119 Resp: 424971
Ion Ratio Lower Upper
119 100
91 64.7 32.8 98.3
134 27.7 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 45.127 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW015219.D
Acq: 20 Apr 2020 13:19

Tgt Ion:105 Resp: 487462
Ion Ratio Lower Upper
105 100
120 46.3 23.0 69.0





#85

sec-Butylbenzene

Concen: 44.299 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW015219.D

Acq: 20 Apr 2020 13:19

Instrument :

MSVOA_U

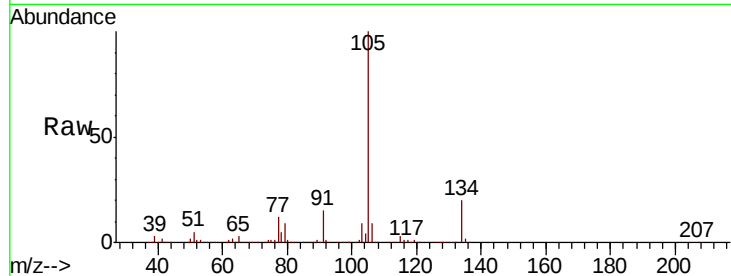
ClientSampleId :

Tot Ion:105 Resp: 593292

Ion Ratio Lower Upper

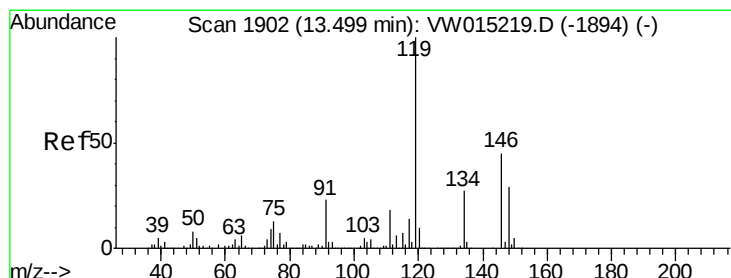
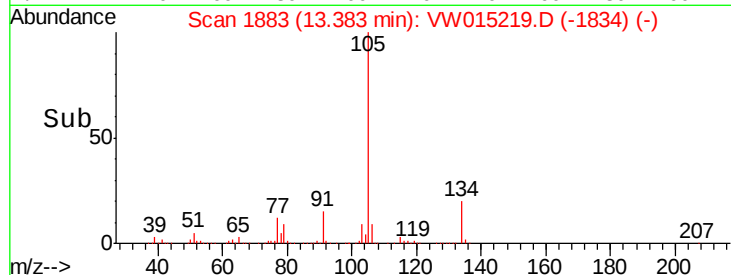
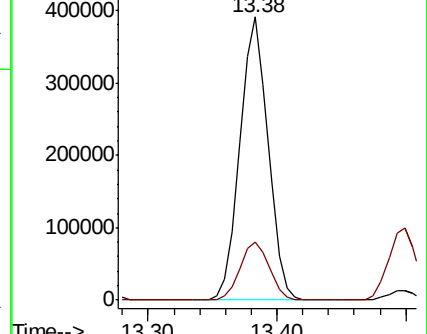
105 100

134 21.1 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 47.032 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW015219.D

Acq: 20 Apr 2020 13:19

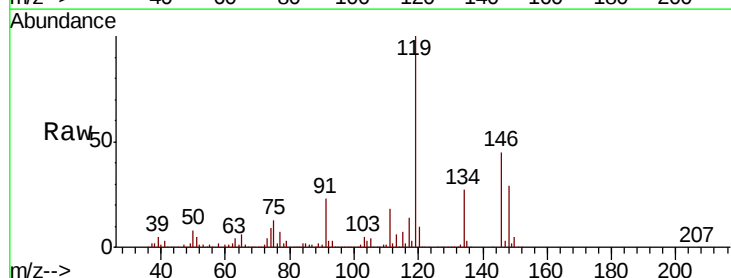
Tgt Ion:119 Resp: 562037

Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.9

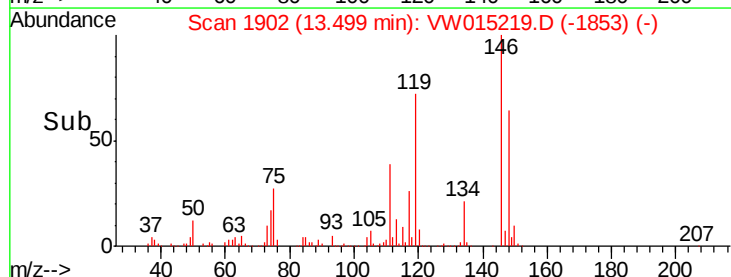
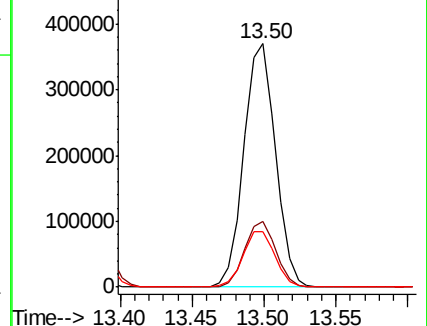
91 23.3 12.0 36.1

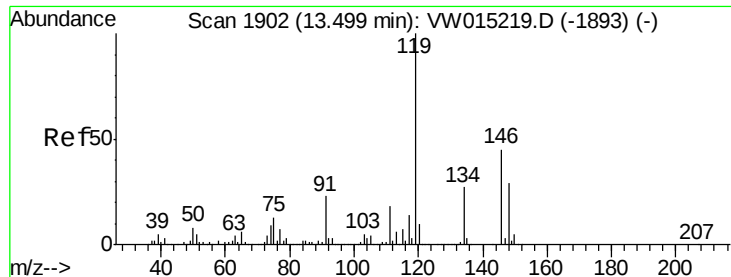


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

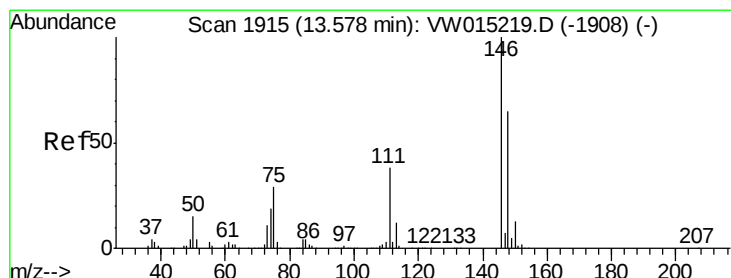
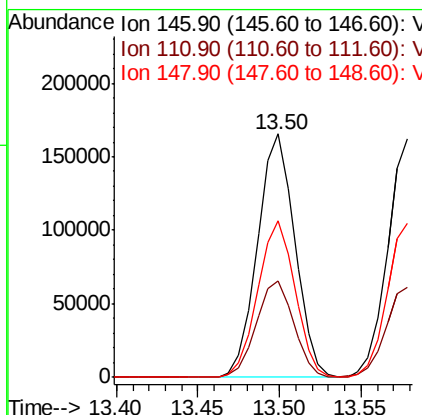
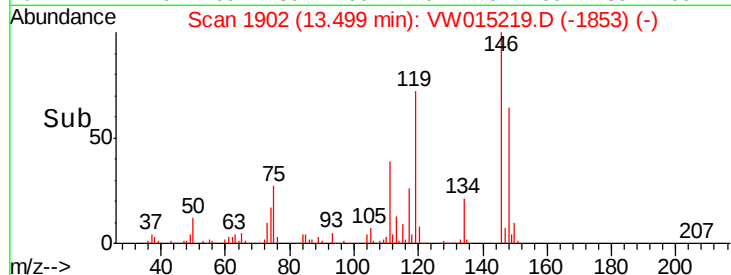
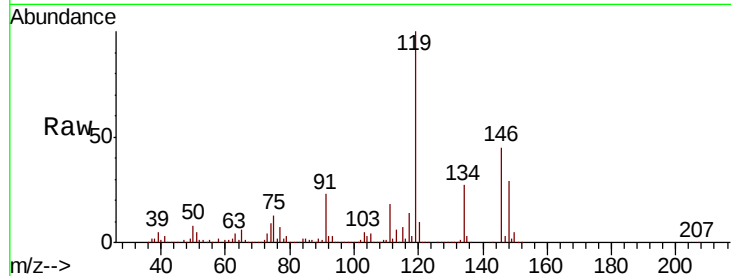




#87
 1,3-Dichlorobenzene
 Concen: 49.318 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW015219.D
 Acq: 20 Apr 2020 13:19

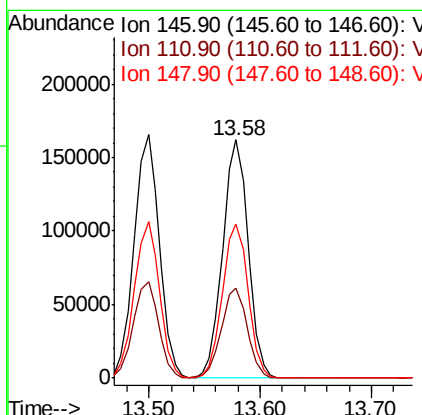
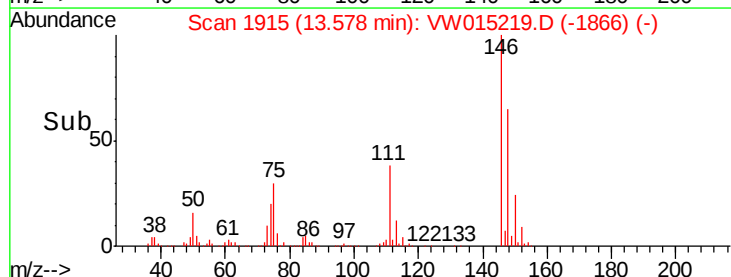
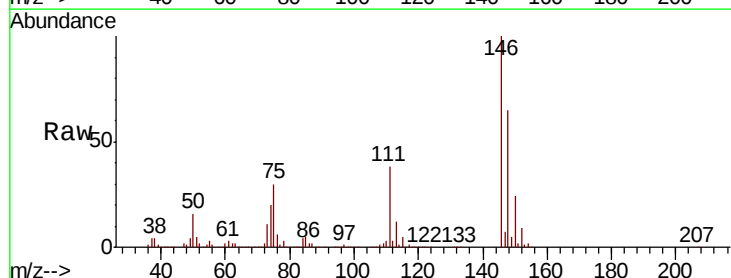
Instrument :
 MSVOA_U
 ClientSampleId :

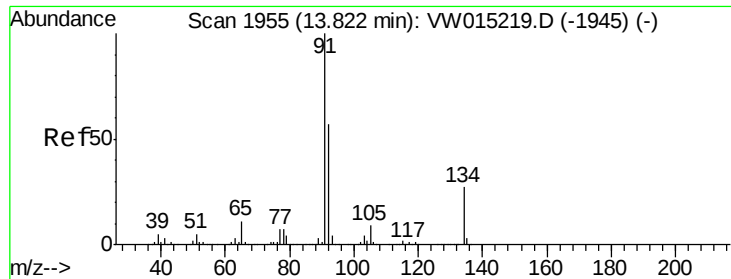
Tot Ion:146 Resp: 262736
 Ion Ratio Lower Upper
 146 100
 111 39.7 21.1 63.4
 148 64.1 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 48.740 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW015219.D
 Acq: 20 Apr 2020 13:19

Tgt Ion:146 Resp: 257599
 Ion Ratio Lower Upper
 146 100
 111 38.3 20.4 61.3
 148 65.3 31.5 94.5





#89

n-Butylbenzene

Concen: 43.283 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW015219.D

Acq: 20 Apr 2020 13:19

Instrument :

MSVOA_U

ClientSampled :

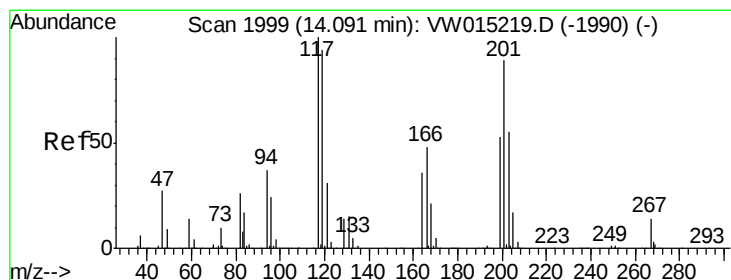
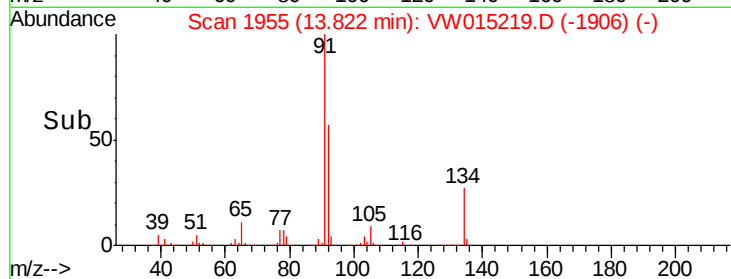
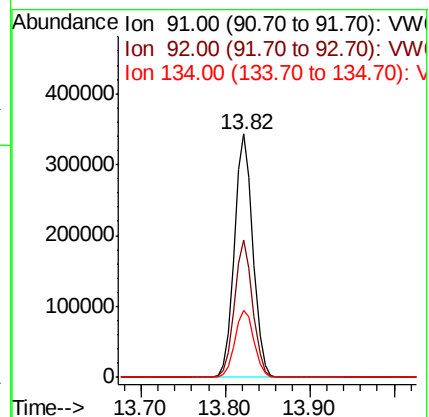
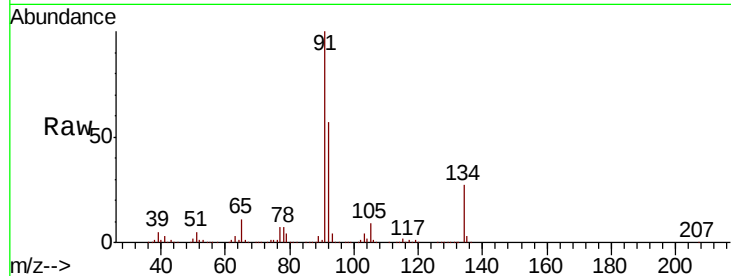
Tot Ion: 91 Resp: 511348

Ion Ratio Lower Upper

91 100

92 55.4 27.6 82.7

134 28.2 12.8 38.3



#90

Hexachloroethane

Concen: 43.545 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. 0.00 min

Lab File: VW015219.D

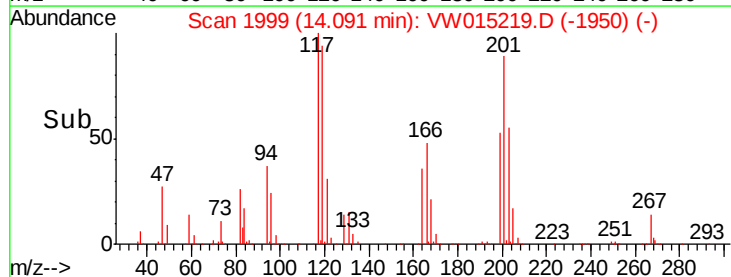
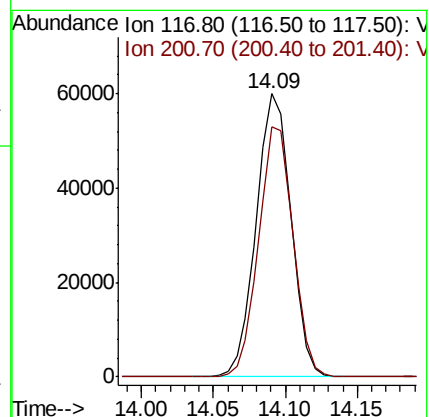
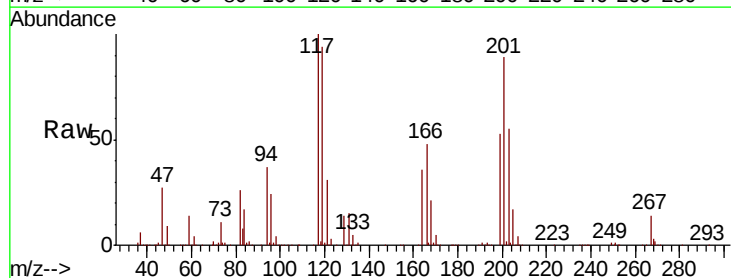
Acq: 20 Apr 2020 13:19

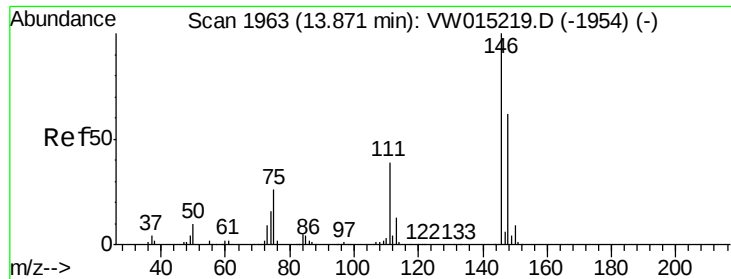
Tgt Ion: 117 Resp: 100049

Ion Ratio Lower Upper

117 100

201 87.5 33.6 100.6





#91

1,2-Dichlorobenzene

Concen: 48.087 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW015219.D

Acq: 20 Apr 2020 13:19

Instrument :

MSVOA_U

ClientSampleId :

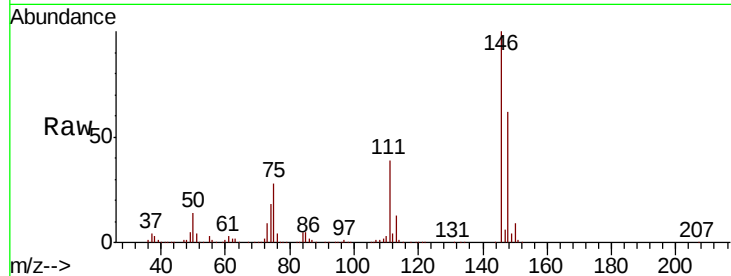
Tot Ion:146 Resp: 227764

Ion Ratio Lower Upper

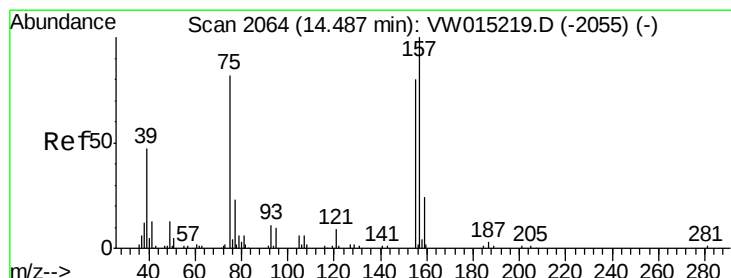
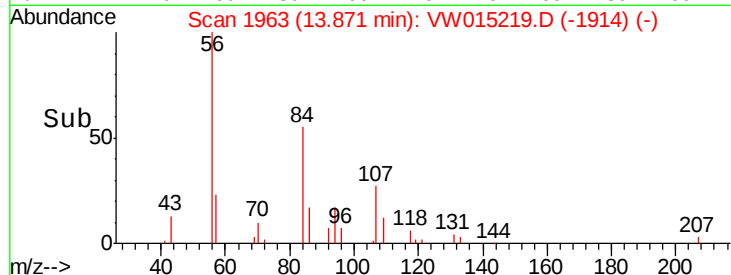
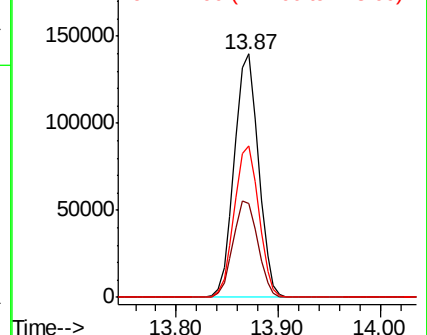
146 100

111 40.8 21.6 65.0

148 63.5 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: 41.399 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VW015219.D

Acq: 20 Apr 2020 13:19

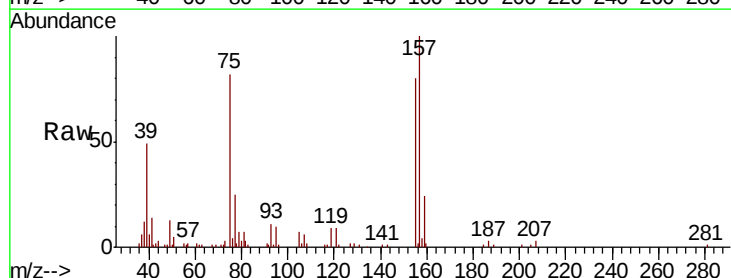
Tgt Ion: 75 Resp: 14496

Ion Ratio Lower Upper

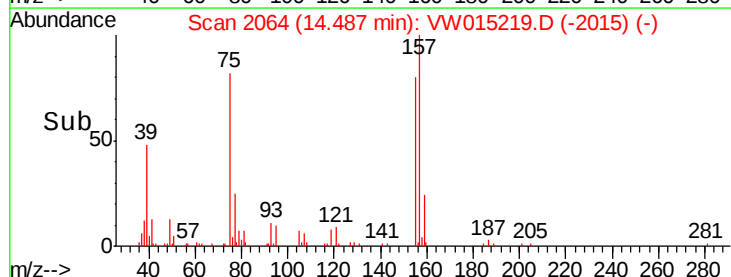
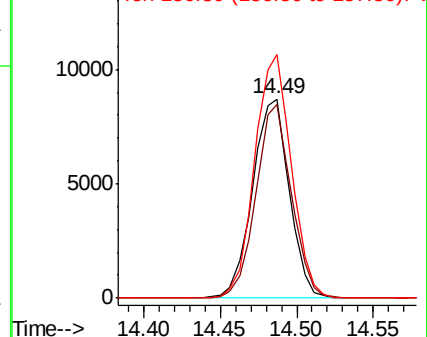
75 100

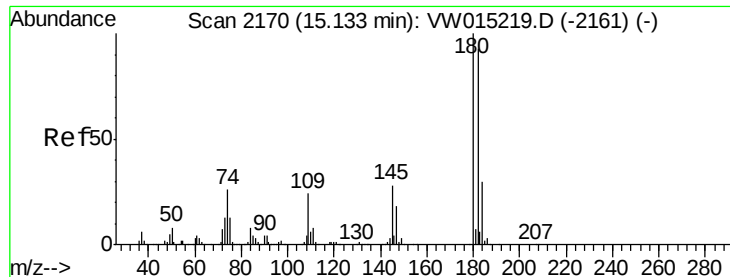
155 94.2 41.6 124.9

157 122.1 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

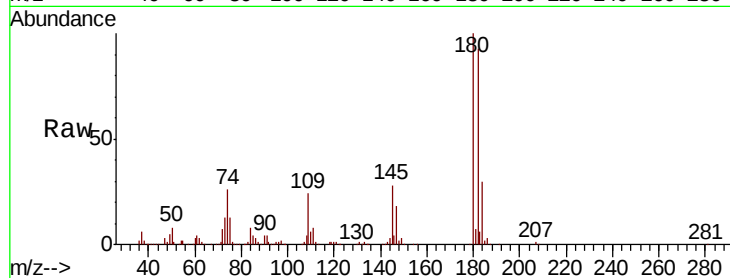




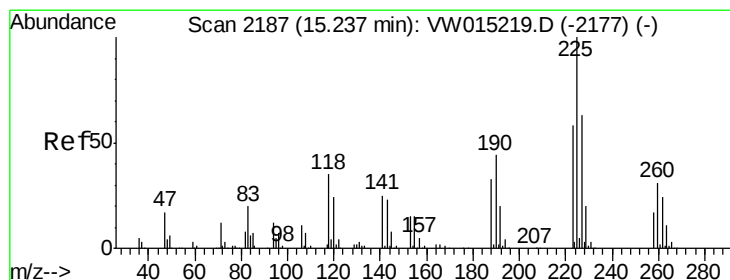
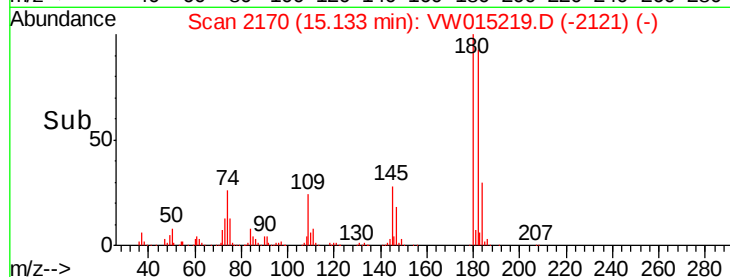
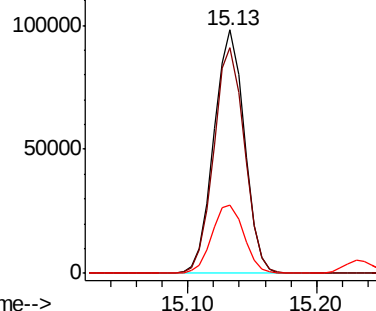
#93
 1,2,4-Trichlorobenzene
 Concen: 51.206 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW015219.D
 Acq: 20 Apr 2020 13:19

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.7	47.1	141.4
145	29.4	16.2	48.6

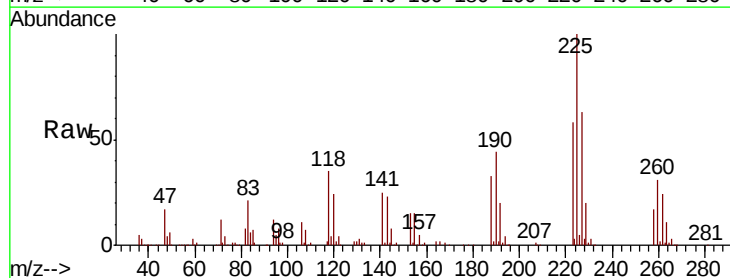


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

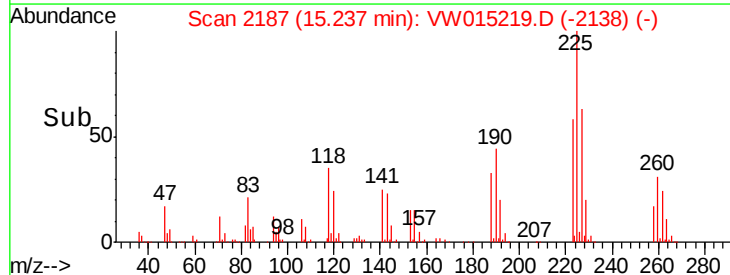
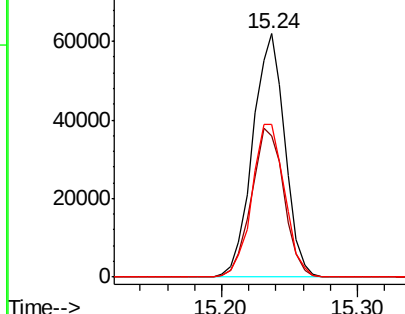


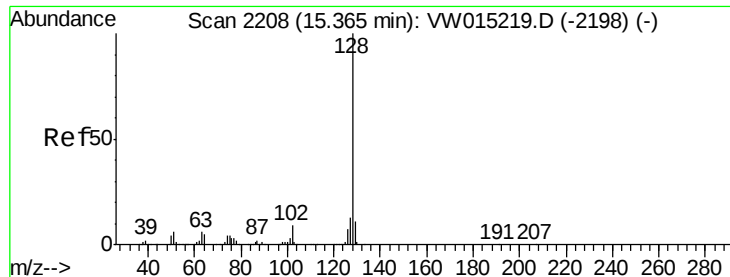
#94
 Hexachlorobutadiene
 Concen: 56.863 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW015219.D
 Acq: 20 Apr 2020 13:19

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	31.0	93.0
227	63.9	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

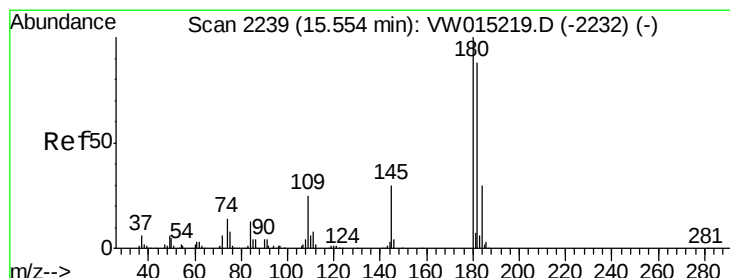
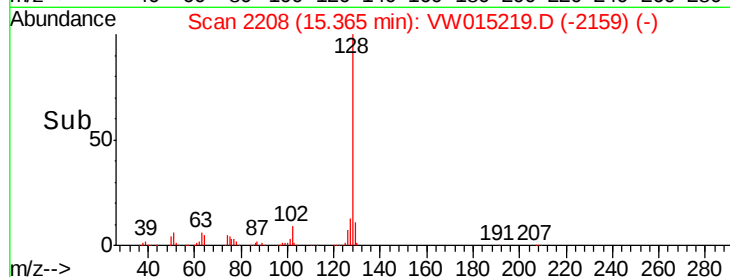
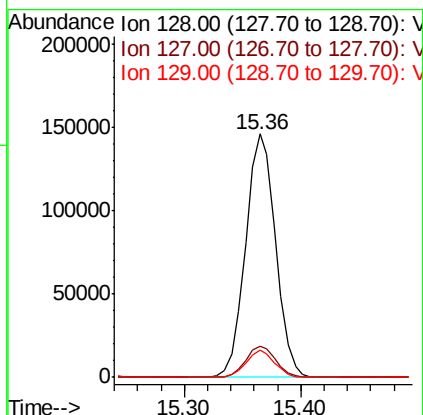
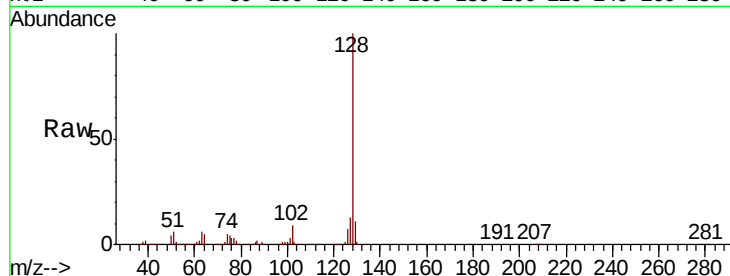




#95
Naphthalene
Concen: 43.333 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW015219.D
Acq: 20 Apr 2020 13:19

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	10.7	8.6	12.8



#96
1,2,3-Trichlorobenzene
Concen: 48.804 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VW015219.D
Acq: 20 Apr 2020 13:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	48.8	146.3
145	31.1	17.2	51.6

