

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042120\
 Data File : VW015252.D
 Acq On : 21 Apr 2020 10:55
 Operator : SY/VA
 Sample : VW0421SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 22 05:52:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 21 06:39:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	219268	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	313051	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	287685	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	155019	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	91710	51.15	ug/l	0.00
Spiked Amount			Recovery	=	102.30%	
35) Dibromofluoromethane	7.88	113	92211	53.18	ug/l	0.00
Spiked Amount			Recovery	=	106.36%	
50) Toluene-d8	10.32	98	369480	50.65	ug/l	0.00
Spiked Amount			Recovery	=	101.30%	
62) 4-Bromofluorobenzene	12.62	95	134950	48.49	ug/l	0.00
Spiked Amount			Recovery	=	96.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	34508	19.929	ug/l	98
3) Chloromethane	2.21	50	38573	20.456	ug/l	100
4) Vinyl Chloride	2.36	62	45248	20.321	ug/l	100
5) Bromomethane	2.76	94	35664	22.527	ug/l	99
6) Chloroethane	2.91	64	26508	19.192	ug/l	97
7) Trichlorofluoromethane	3.26	101	64333	20.418	ug/l	95
8) Diethyl Ether	3.69	74	17849	20.182	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	4.06	101	40412	20.798	ug/l	92
10) Methyl Iodide	4.27	142	35757	17.521	ug/l	98
11) Tert butyl alcohol	5.17	59	12592	86.150	ug/l #	85
12) 1,1-Dichloroethene	4.04	96	37461	20.030	ug/l	94
13) Acrolein	3.90	56	10159	132.795	ug/l	98
14) Allyl chloride	4.67	41	48445	19.526	ug/l #	85
15) Acrylonitrile	5.37	53	31368	93.201	ug/l	99
16) Acetone	4.13	43	26290	83.946	ug/l	98
17) Carbon Disulfide	4.38	76	110357	19.856	ug/l	99
18) Methyl Acetate	4.68	43	15193	18.327	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	85954	20.021	ug/l	96
20) Methylene Chloride	4.92	84	40185	19.578	ug/l	93
21) trans-1,2-Dichloroethene	5.43	96	44105	20.794	ug/l	94
22) Diisopropyl ether	6.31	45	94814	19.920	ug/l	92
23) Vinyl Acetate	6.26	43	275669	98.696	ug/l	97
24) 1,1-Dichloroethane	6.22	63	66827	20.259	ug/l	98
25) 2-Butanone	7.17	43	37932	91.291	ug/l	91
26) 2,2-Dichloropropane	7.17	77	69699	20.084	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	47620	20.796	ug/l	97
28) Bromochloromethane	7.51	49	24549	20.469	ug/l #	73
29) Tetrahydrofuran	7.52	42	24247	93.666	ug/l	90
30) Chloroform	7.68	83	73096	20.531	ug/l	100
31) Cyclohexane	7.95	56	66086	19.930	ug/l #	86
32) 1,1,1-Trichloroethane	7.87	97	70763	20.594	ug/l	99
36) 1,1-Dichloropropene	8.09	75	58286	20.629	ug/l	97
37) Ethyl Acetate	7.26	43	17191	18.747	ug/l #	96
38) Carbon Tetrachloride	8.07	117	64509	20.892	ug/l	97

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 ClientSampleId :

Quant Time: Apr 22 05:52:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 21 06:39:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	74487	19.807	ug/l	95
40) Benzene	8.32	78	155877	20.653	ug/l	99
41) Methacrylonitrile	7.48	41	9932	18.052	ug/l #	87
42) 1,2-Dichloroethane	8.40	62	44687	20.112	ug/l	100
43) Isopropyl Acetate	8.42	43	37079	19.279	ug/l	95
44) Trichloroethene	9.09	130	48483	21.001	ug/l	92
45) 1,2-Dichloropropane	9.37	63	36142	20.591	ug/l	100
46) Dibromomethane	9.46	93	20277	19.971	ug/l #	86
47) Bromodichloromethane	9.64	83	55895	20.594	ug/l	99
48) Methyl methacrylate	9.43	41	16186	17.803	ug/l #	79
49) 1,4-Dioxane	9.46	88	4518	333.794	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	82959	91.889	ug/l	97
52) Toluene	10.38	92	105534	19.979	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	52737	19.705	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	63727	20.486	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	28617	20.129	ug/l	97
56) Ethyl methacrylate	10.65	69	34233	18.691	ug/l	93
57) 1,3-Dichloropropane	10.93	76	48271	20.497	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	84816	99.887	ug/l #	89
59) 2-Hexanone	10.97	43	58346	90.534	ug/l	98
60) Dibromochloromethane	11.13	129	38568	20.546	ug/l	99
61) 1,2-Dibromoethane	11.23	107	27768	20.016	ug/l	99
64) Tetrachloroethene	10.86	164	43489	21.181	ug/l	88
65) Chlorobenzene	11.65	112	114984	20.369	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	42551	20.972	ug/l	97
67) Ethyl Benzene	11.73	91	210013	19.949	ug/l	99
68) m/p-Xylenes	11.83	106	166955	40.459	ug/l	99
69) o-Xylene	12.16	106	77279	20.064	ug/l	100
70) Styrene	12.18	104	129644	19.746	ug/l	100
71) Bromoform	12.35	173	21978	19.224	ug/l #	100
73) Isopropylbenzene	12.46	105	213574	19.871	ug/l	99
74) N-amyl acetate	12.27	43	34622	18.516	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.71	83	29059	19.042	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	39930	33.296	ug/l #	100
77) Bromobenzene	12.74	156	50225	20.339	ug/l	83
78) n-propylbenzene	12.80	91	249753	19.957	ug/l	96
79) 2-Chlorotoluene	12.89	91	142250	20.170	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	185895	20.078	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	10305	18.784	ug/l	94
82) 4-Chlorotoluene	12.99	91	148319	19.808	ug/l	96
83) tert-Butylbenzene	13.20	119	164808	20.366	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	185561	20.320	ug/l	100
85) sec-Butylbenzene	13.38	105	223431	19.992	ug/l	97
86) p-Isopropyltoluene	13.49	119	209525	20.177	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	100616	20.507	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	98336	20.446	ug/l	98
89) n-Butylbenzene	13.82	91	187679	19.773	ug/l	98
90) Hexachloroethane	14.09	117	39050	20.505	ug/l	77
91) 1,2-Dichlorobenzene	13.87	146	86829	20.365	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.48	75	4759	17.233	ug/l	82

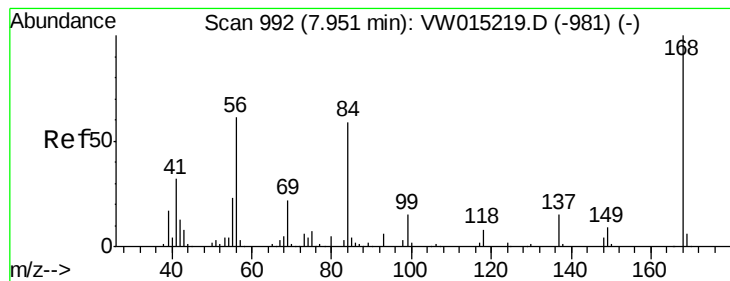
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042120\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	60584	20.443	ug/l	98
94) Hexachlorobutadiene	15.23	225	39617	20.051	ug/l	97
95) Naphthalene	15.36	128	90116	18.903	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	47942	19.883	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW015252.D

Acq: 21 Apr 2020 10:55

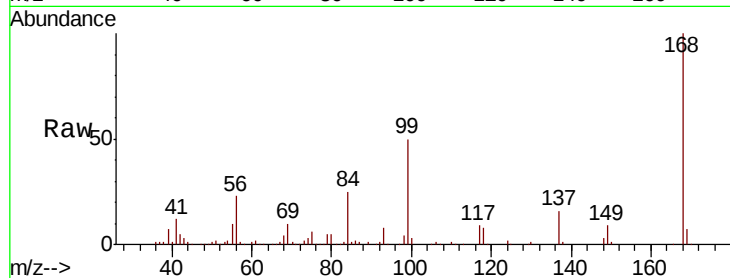
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 219268

Ion Ratio Lower Upper

168 100

99 50.1 48.5 72.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

120000

100000

80000

60000

40000

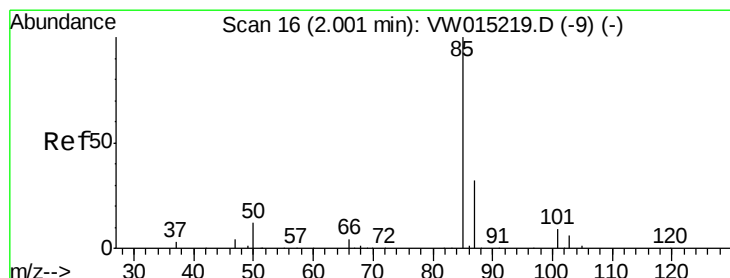
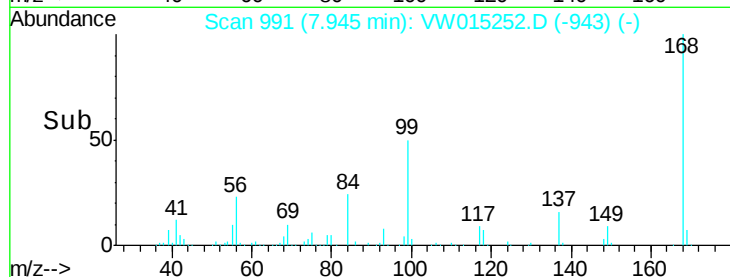
20000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 19.929 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW015252.D

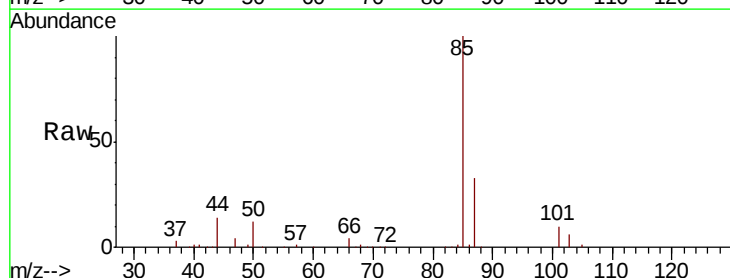
Acq: 21 Apr 2020 10:55

Tgt Ion: 85 Resp: 34508

Ion Ratio Lower Upper

85 100

87 33.5 17.2 51.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

30000

25000

20000

15000

10000

5000

0

1.90

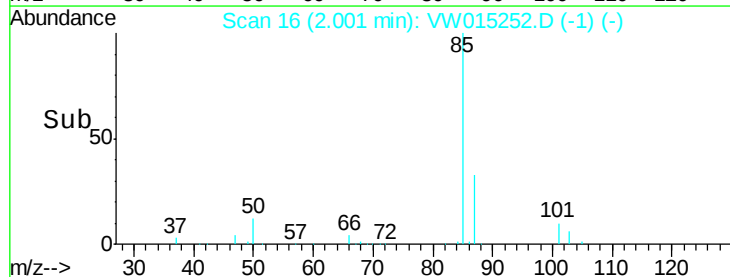
1.95

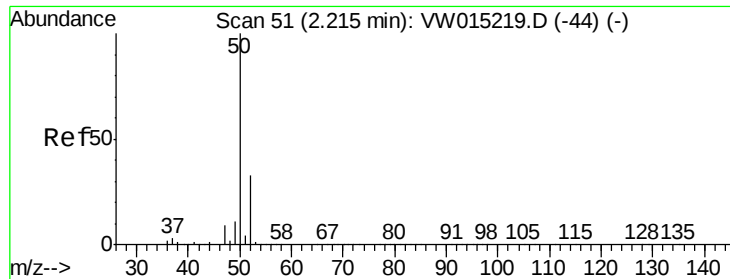
2.00

2.05

2.10

Time-->





#3

Chloromethane

Concen: 20.456 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW015252.D

Acq: 21 Apr 2020 10:55

Instrument :

MSVOA_W

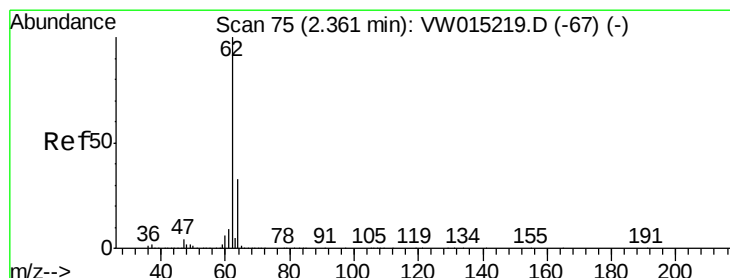
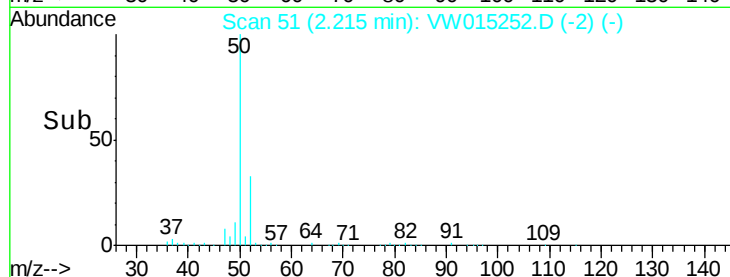
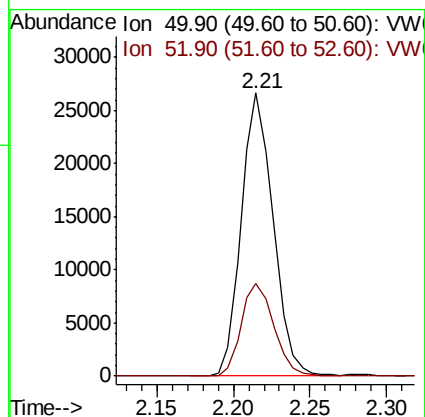
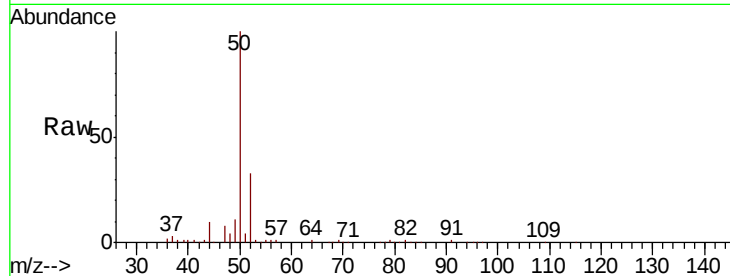
ClientSampled :

Tot Ion: 50 Resp: 38573

Ion Ratio Lower Upper

50 100

52 32.9 26.5 39.7



#4

Vinyl Chloride

Concen: 20.321 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW015252.D

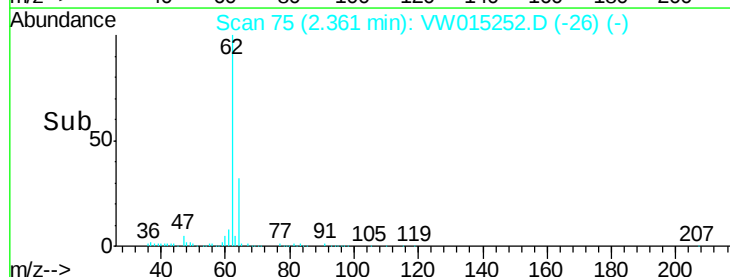
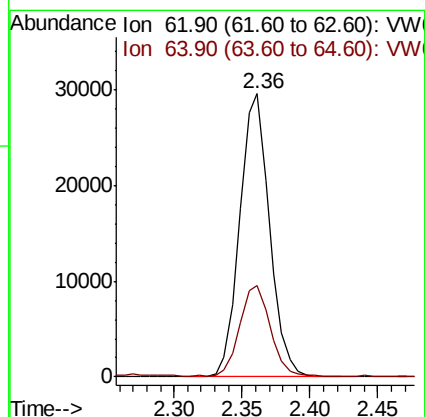
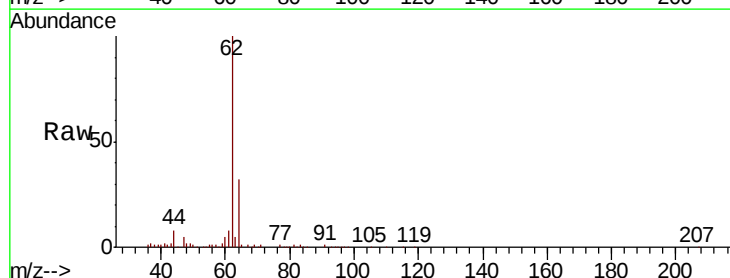
Acq: 21 Apr 2020 10:55

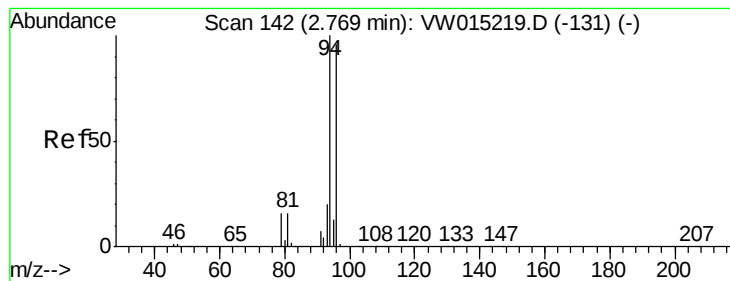
Tgt Ion: 62 Resp: 45248

Ion Ratio Lower Upper

62 100

64 31.9 25.4 38.2





#5

Bromomethane

Concen: 22.527 ug/l

RT: 2.76 min Scan# 140

Delta R.T. -0.01 min

Lab File: VW015252.D

Acq: 21 Apr 2020 10:55

Instrument :

MSVOA_W

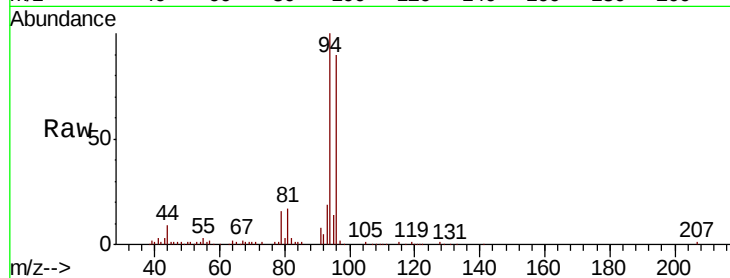
ClientSampleId :

Tot Ion: 94 Resp: 35664

Ion Ratio Lower Upper

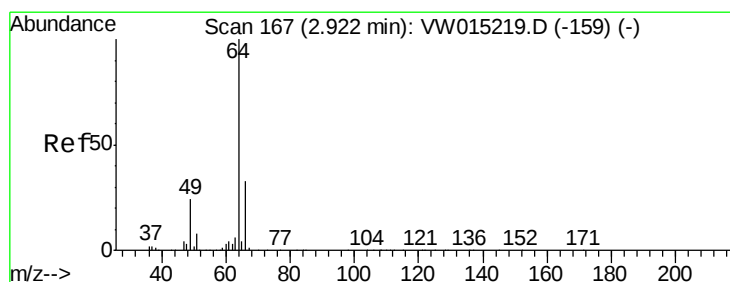
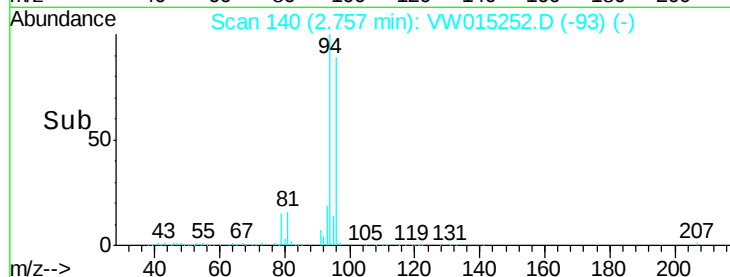
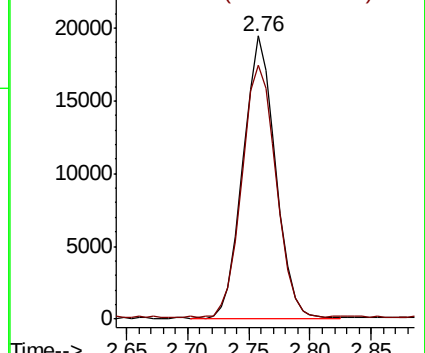
94 100

96 89.0 70.4 105.6



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 19.192 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW015252.D

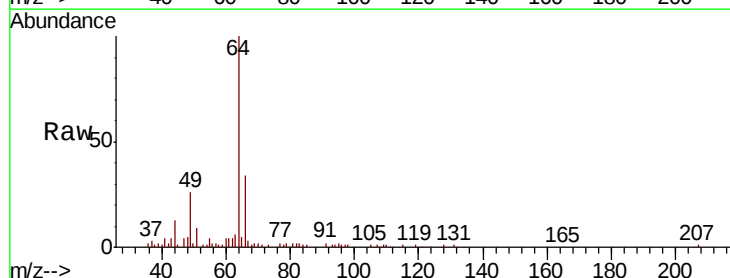
Acq: 21 Apr 2020 10:55

Tgt Ion: 64 Resp: 26508

Ion Ratio Lower Upper

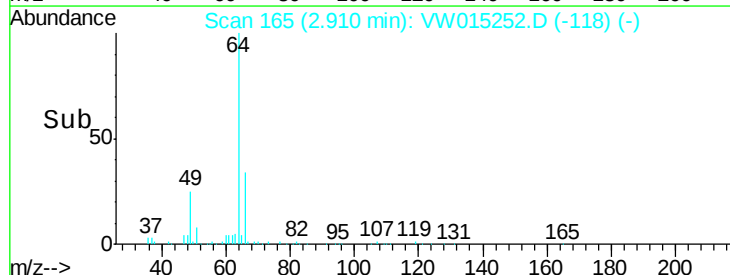
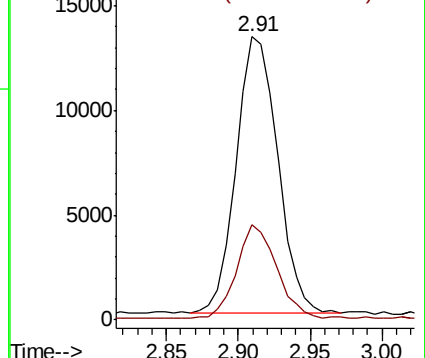
64 100

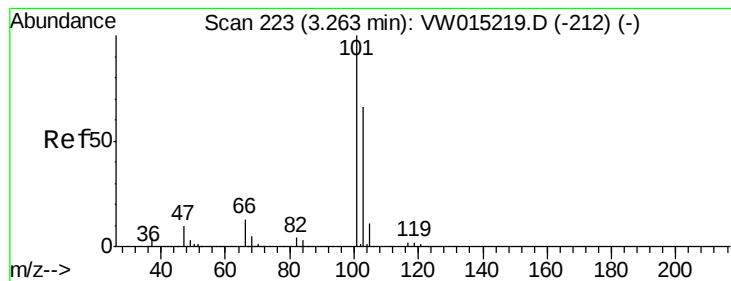
66 33.8 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



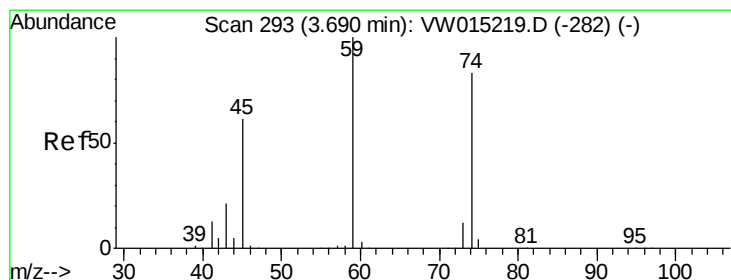
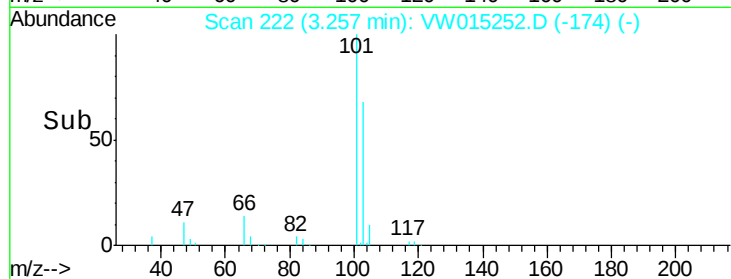
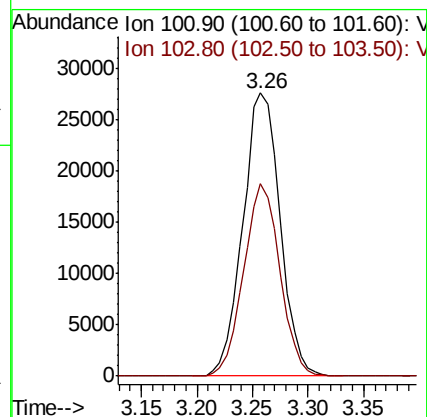
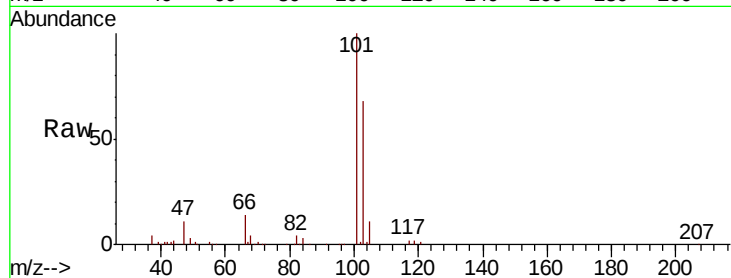


#7

Trichlorofluoromethane
Concen: 20.418 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.01 min
Lab File: VW015252.D
Acq: 21 Apr 2020 10:55

Instrument :
MSVOA_W
ClientSampled :

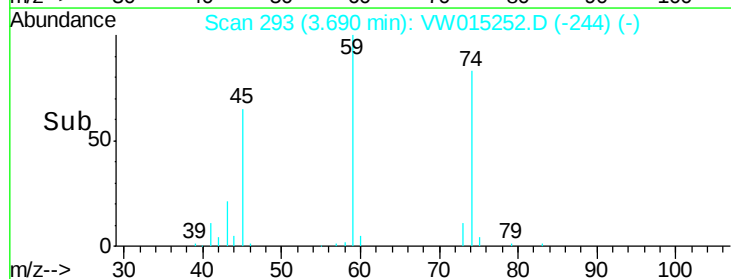
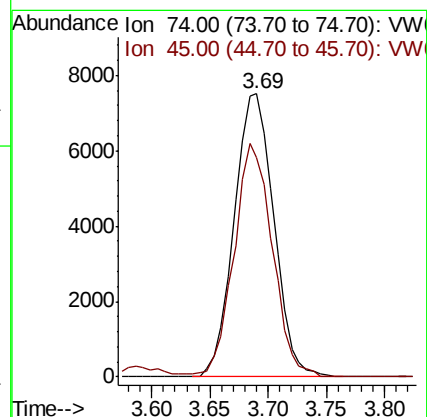
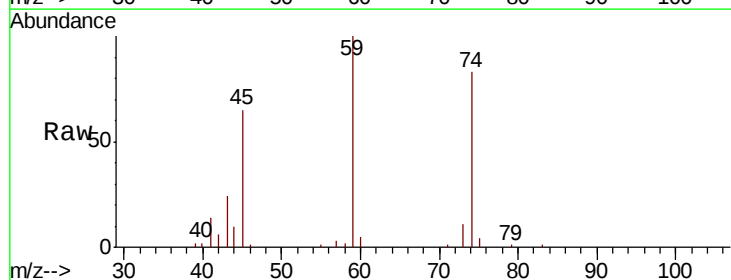
Tot Ion:101 Resp: 64333
Ion Ratio Lower Upper
101 100
103 68.0 51.3 76.9

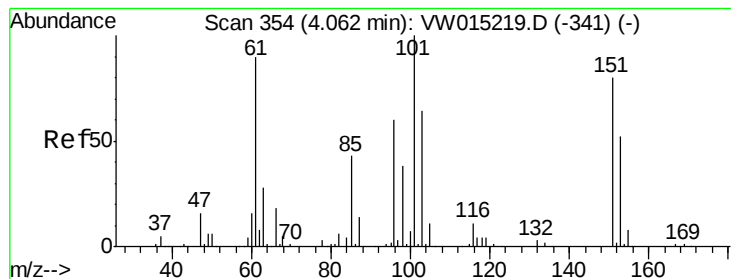


#8

Diethyl Ether
Concen: 20.182 ug/l
RT: 3.69 min Scan# 293
Delta R.T. 0.00 min
Lab File: VW015252.D
Acq: 21 Apr 2020 10:55

Tgt Ion: 74 Resp: 17849
Ion Ratio Lower Upper
74 100
45 79.7 45.5 136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.798 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW015252.D

Acq: 21 Apr 2020 10:55

Instrument :

MSVOA_W

ClientSampled :

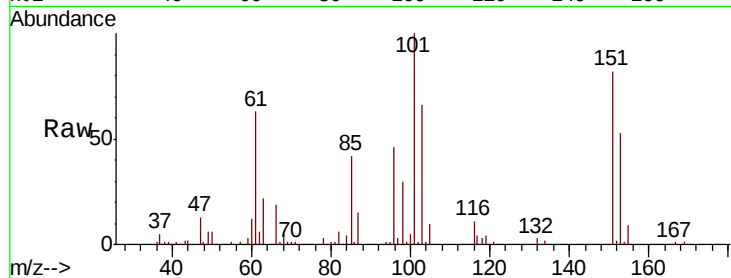
Tot Ion:101 Resp: 40412

Ion Ratio Lower Upper

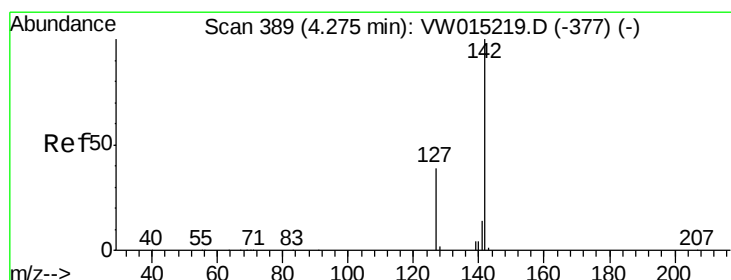
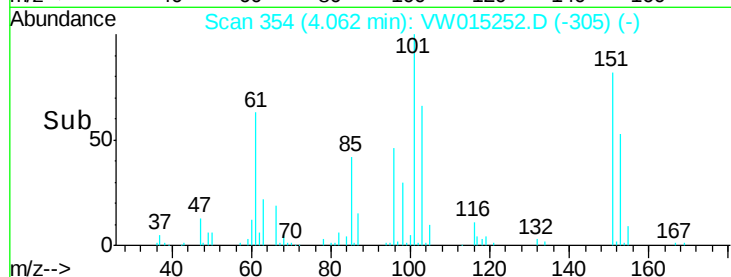
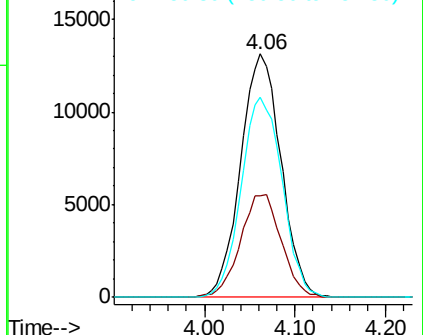
101 100

85 42.9 35.3 52.9

151 83.6 59.3 88.9



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VV
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.521 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.01 min

Lab File: VW015252.D

Acq: 21 Apr 2020 10:55

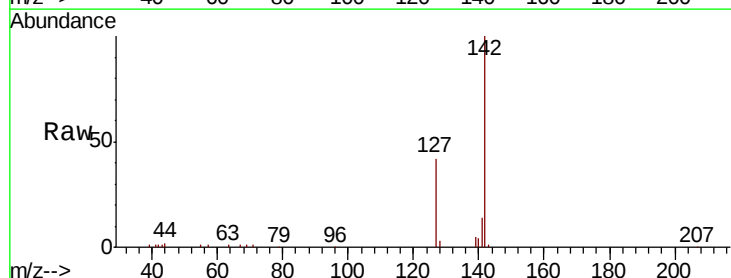
Tgt Ion:142 Resp: 35757

Ion Ratio Lower Upper

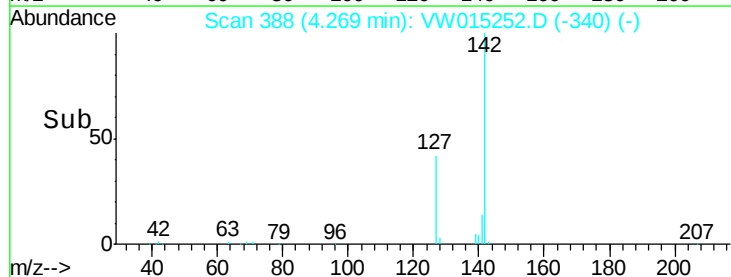
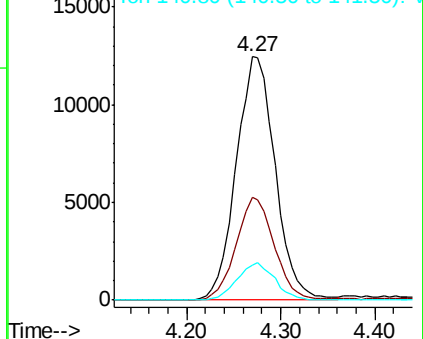
142 100

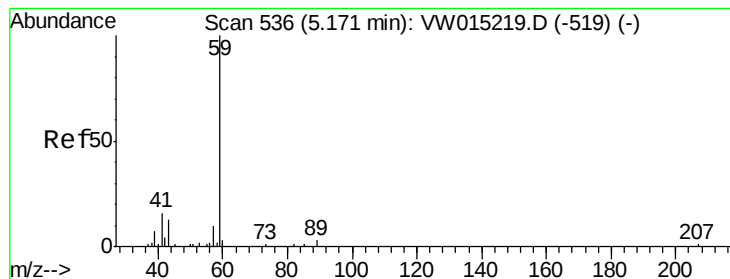
127 41.2 33.9 50.9

141 14.6 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: 86.150 ug/l

RT: 5.17 min Scan# 536

Delta R.T. 0.00 min

Lab File: VW015252.D

Acq: 21 Apr 2020 10:55

Instrument :

MSVOA_W

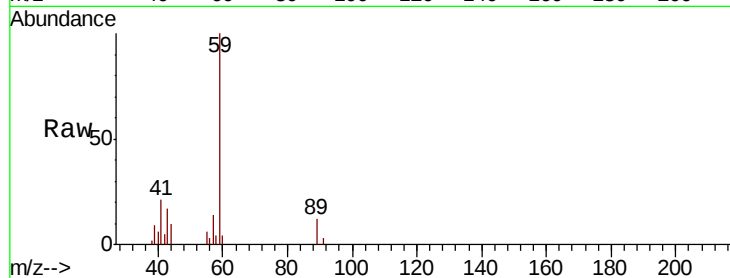
ClientSampleId :

Tot Ion: 59 Resp: 12592

Ion Ratio Lower Upper

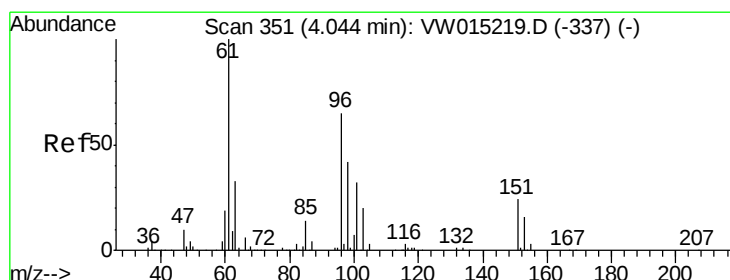
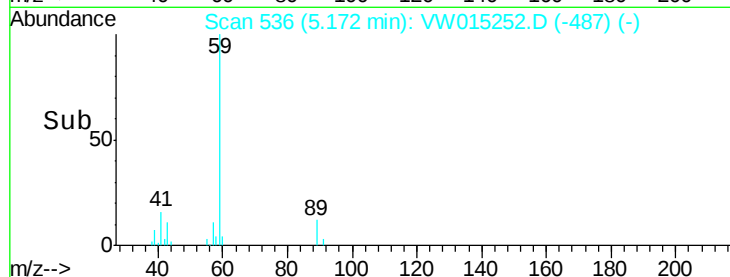
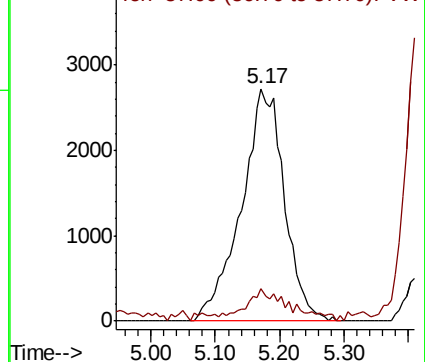
59 100

57 4.9 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW



#12

1,1-Dichloroethene

Concen: 20.030 ug/l

RT: 4.04 min Scan# 351

Delta R.T. 0.00 min

Lab File: VW015252.D

Acq: 21 Apr 2020 10:55

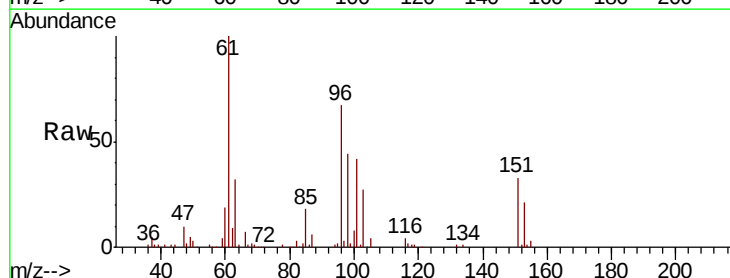
Tgt Ion: 96 Resp: 37461

Ion Ratio Lower Upper

96 100

61 148.8 127.0 190.4

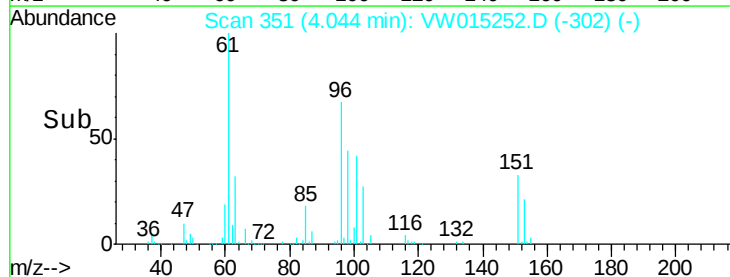
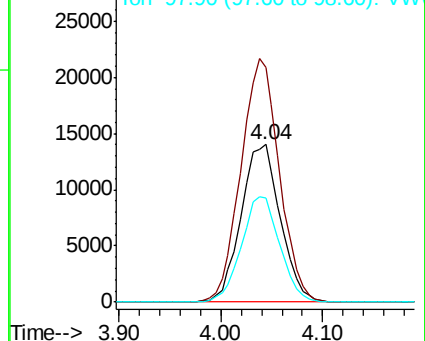
98 66.2 51.0 76.4

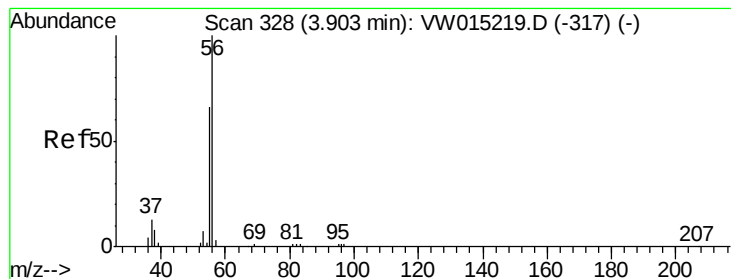


Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW





#13

Acrolein

Concen: 132.795 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW015252.D

Acq: 21 Apr 2020 10:55

Instrument :

MSVOA_W

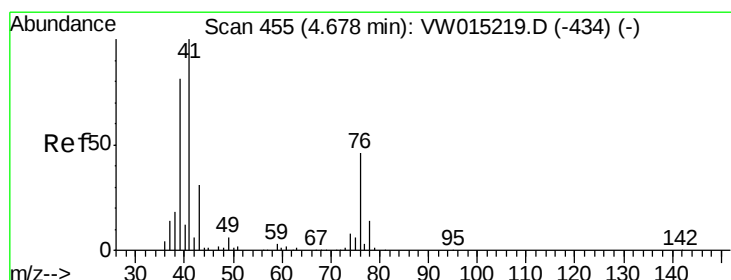
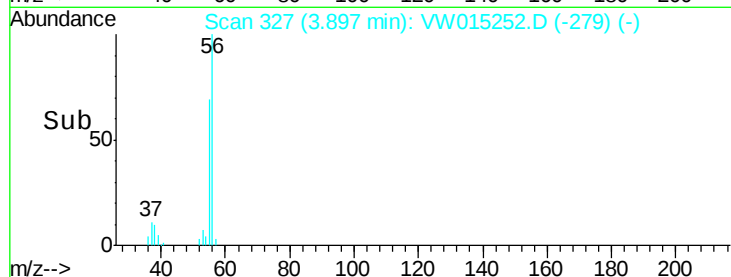
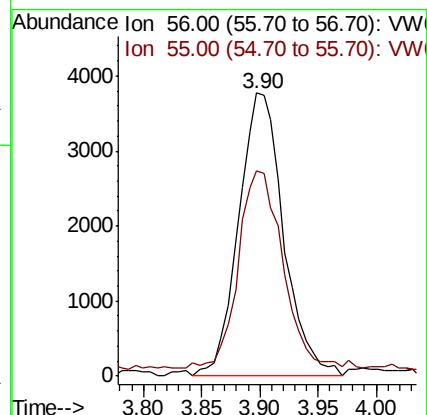
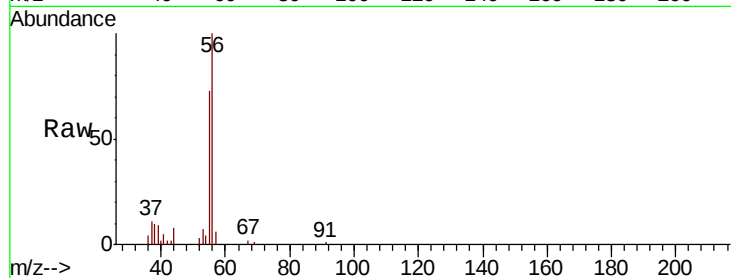
ClientSampleId :

Tot Ion: 56 Resp: 10159

Ion Ratio Lower Upper

56 100

55 68.3 56.2 84.2



#14

Allyl chloride

Concen: 19.526 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW015252.D

Acq: 21 Apr 2020 10:55

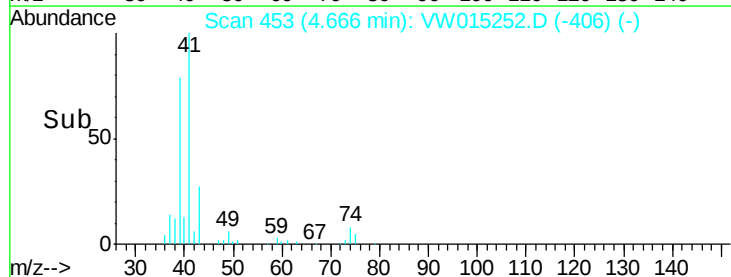
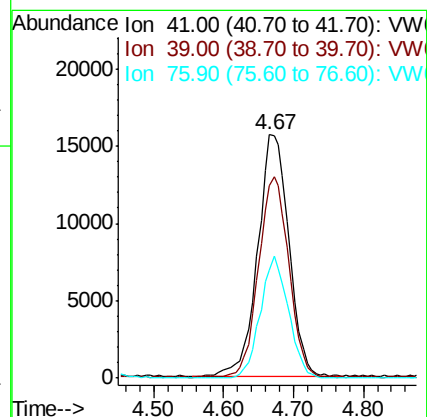
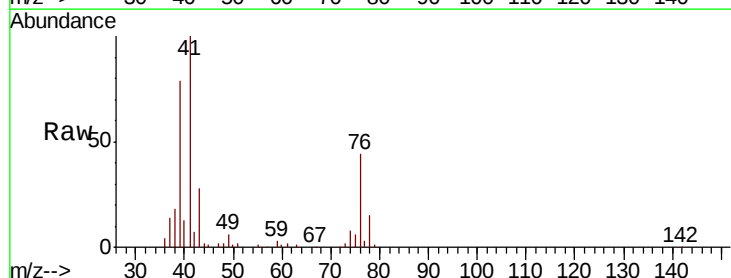
Tgt Ion: 41 Resp: 48445

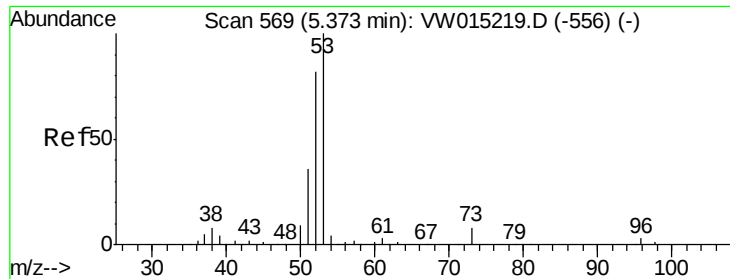
Ion Ratio Lower Upper

41 100

39 82.5 54.0 81.0#

76 45.6 31.8 47.6





#15

Acrylonitrile

Concen: 93.201 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.00 min

Lab File: VW015252.D

Acq: 21 Apr 2020 10:55

Instrument :
MSVOA_W
ClientSampled :

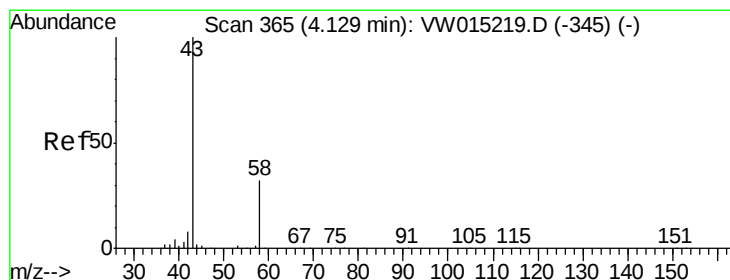
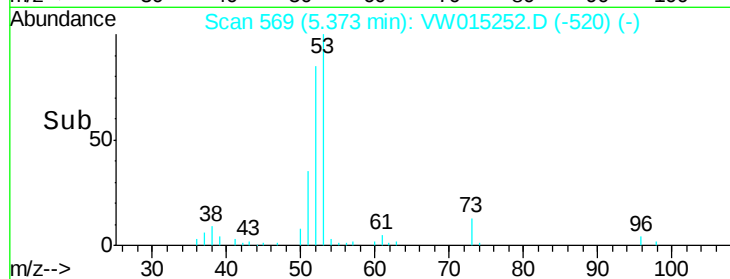
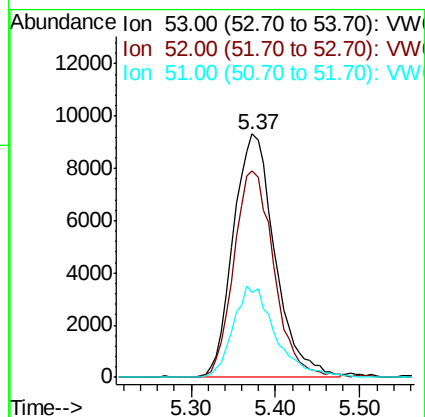
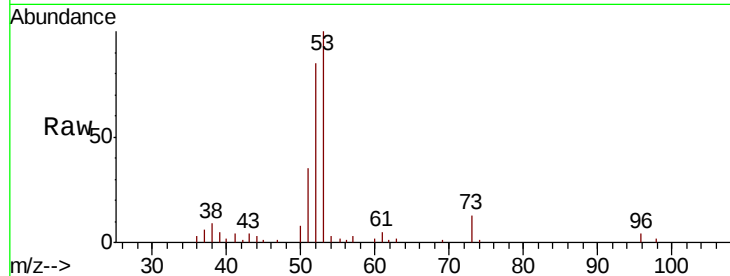
Tot Ion: 53 Resp: 31368

Ion Ratio Lower Upper

53 100

52 81.5 65.2 97.8

51 37.8 28.2 42.4



#16

Acetone

Concen: 83.946 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.00 min

Lab File: VW015252.D

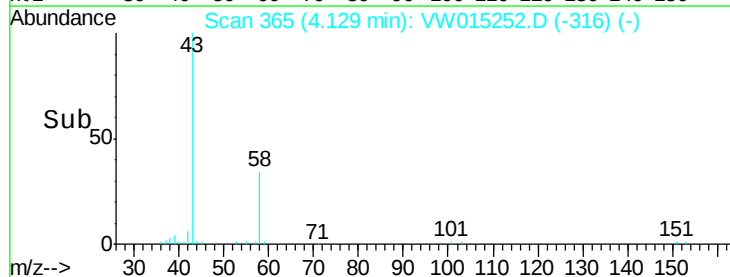
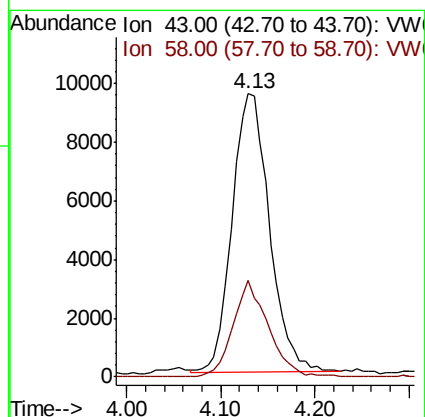
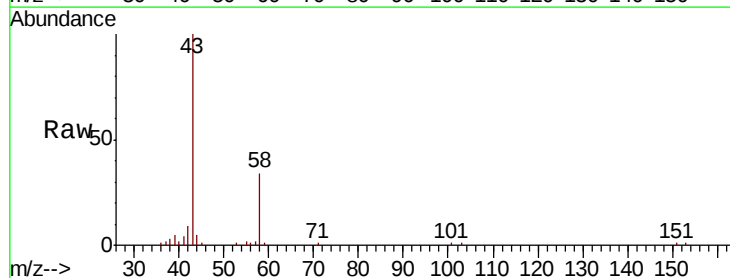
Acq: 21 Apr 2020 10:55

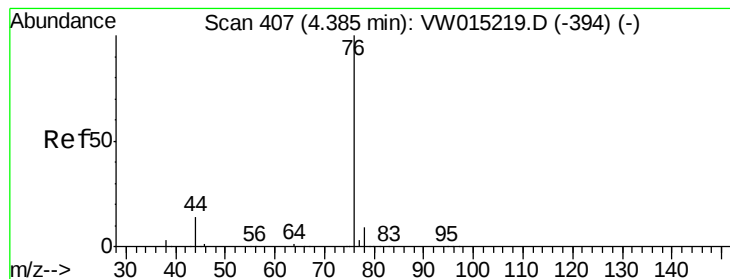
Tgt Ion: 43 Resp: 26290

Ion Ratio Lower Upper

43 100

58 34.7 27.0 40.4





#17

Carbon Disulfide

Concen: 19.856 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW015252.D

Acq: 21 Apr 2020 10:55

Instrument :

MSVOA_W

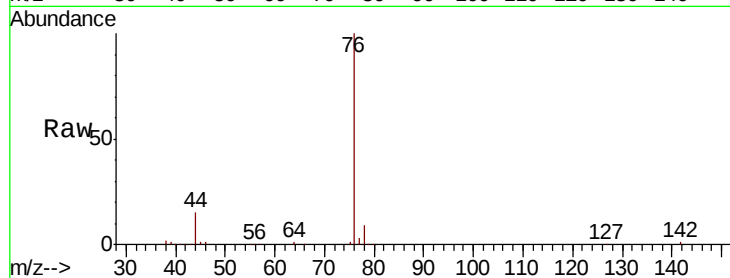
ClientSampleId :

Tot Ion: 76 Resp: 110357

Ion Ratio Lower Upper

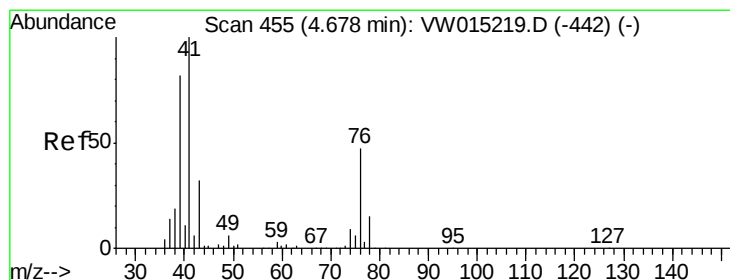
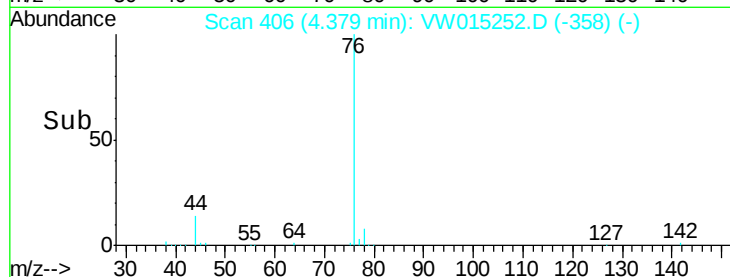
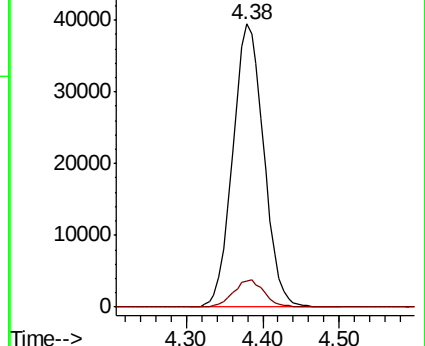
76 100

78 9.1 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 18.327 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.00 min

Lab File: VW015252.D

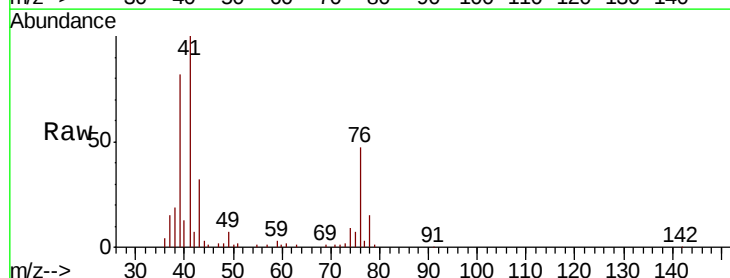
Acq: 21 Apr 2020 10:55

Tgt Ion: 43 Resp: 15193

Ion Ratio Lower Upper

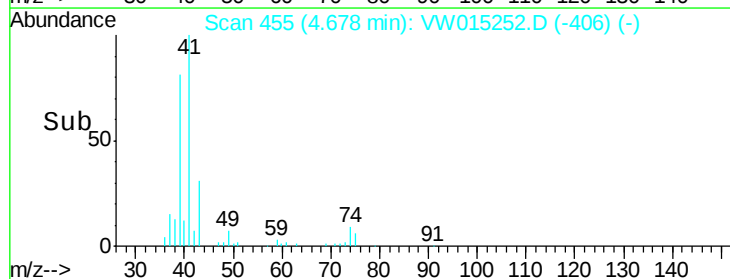
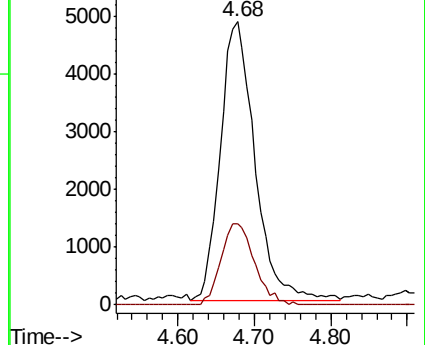
43 100

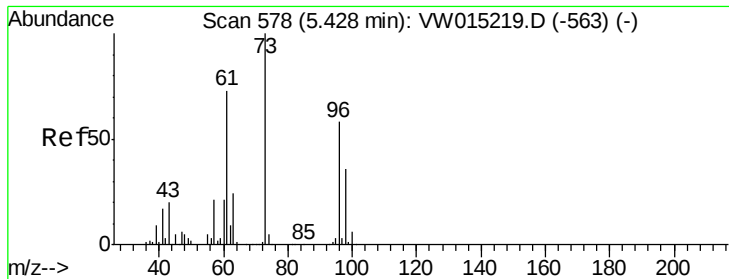
74 28.1 20.6 31.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

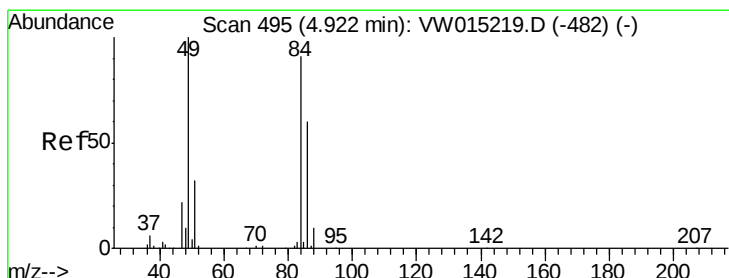
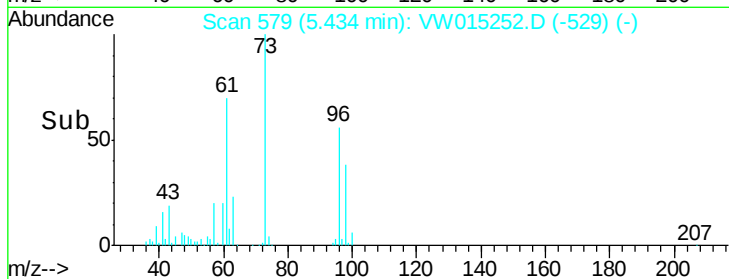
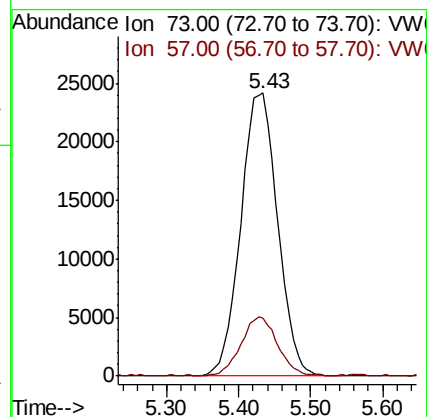
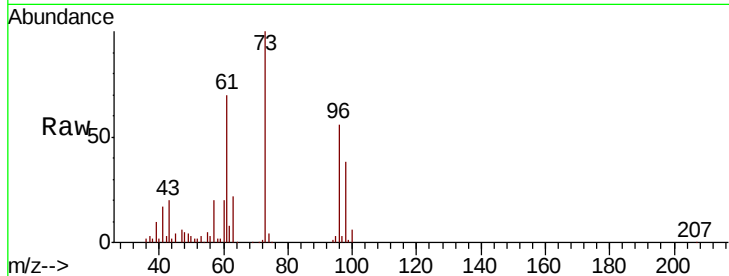




#19
Methvl tert-butvl Ether
Concen: 20.021 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.01 min
Lab File: VW015252.D
Acq: 21 Apr 2020 10:55

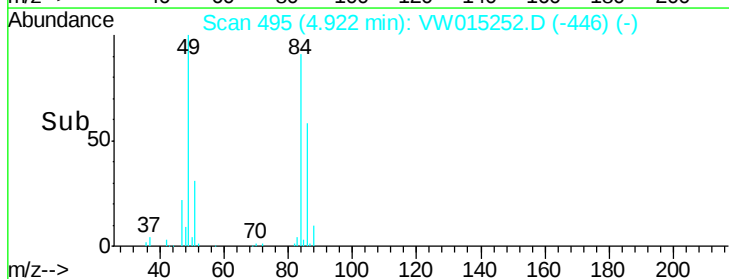
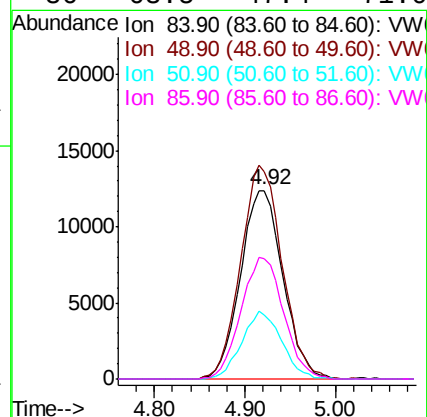
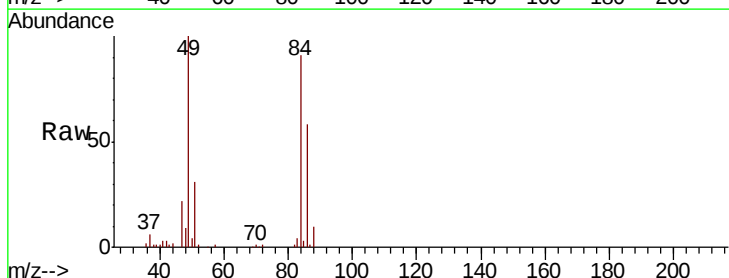
Instrument :
MSVOA_W
ClientSampleId :

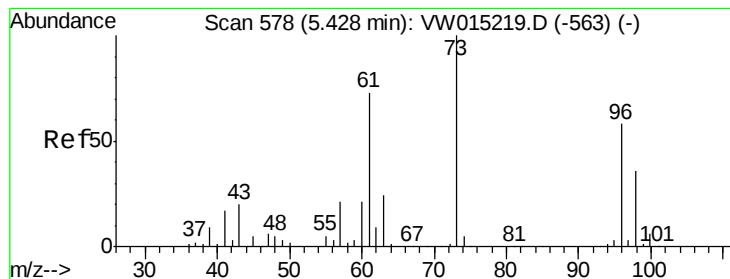
Tot Ion: 73 Resp: 85954
Ion Ratio Lower Upper
73 100
57 20.2 17.8 26.6



#20
Methylene Chloride
Concen: 19.578 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW015252.D
Acq: 21 Apr 2020 10:55

Tgt Ion: 84 Resp: 40185
Ion Ratio Lower Upper
84 100
49 110.0 95.4 143.0
51 34.0 29.8 44.8
86 63.5 47.4 71.0





#21

trans-1,2-Dichloroethene

Concen: 20.794 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.00 min

Lab File: VW015252.D

Acq: 21 Apr 2020 10:55

Instrument :

MSVOA_W

ClientSampled :

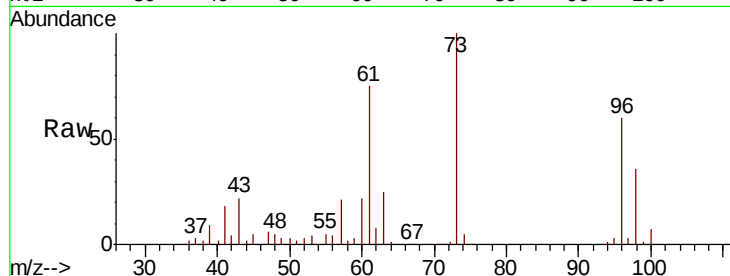
Tot Ion: 96 Resp: 44105

Ion Ratio Lower Upper

96 100

61 125.8 107.8 161.6

98 60.8 50.2 75.2

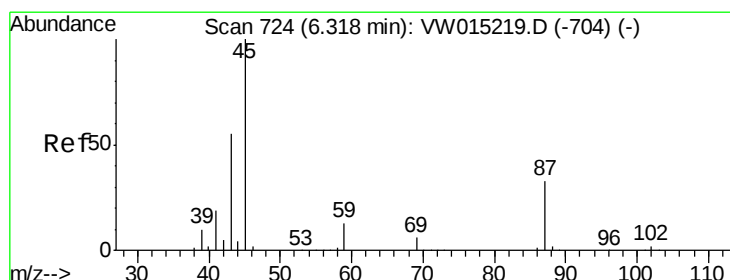
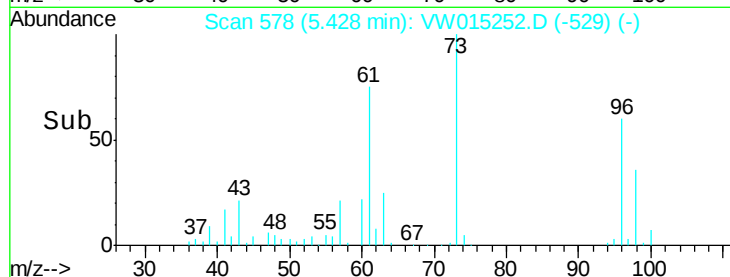
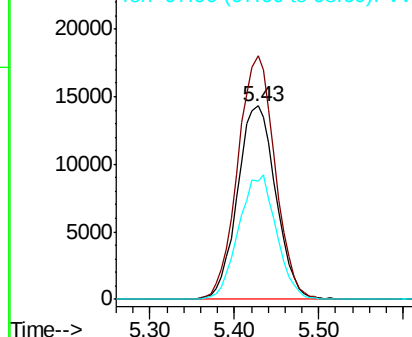


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 19.920 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW015252.D

Acq: 21 Apr 2020 10:55

Tgt Ion: 45 Resp: 94814

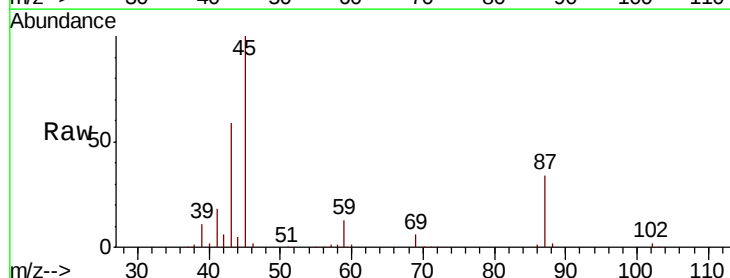
Ion Ratio Lower Upper

45 100

43 57.7 41.8 62.6

87 34.5 23.2 34.8

59 12.6 9.6 14.4



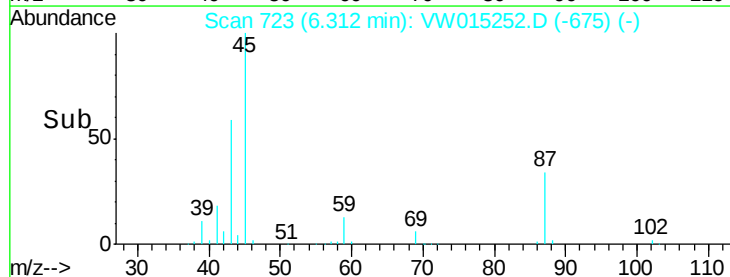
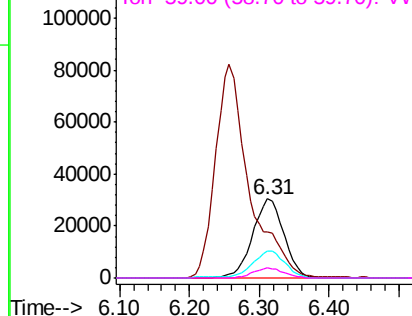
Abundance

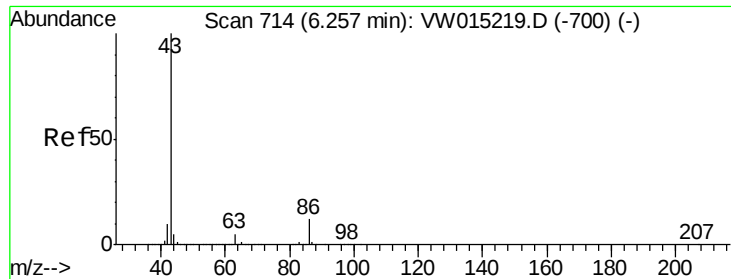
Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 98.696 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW015252.D

Acq: 21 Apr 2020 10:55

Instrument :

MSVOA_W

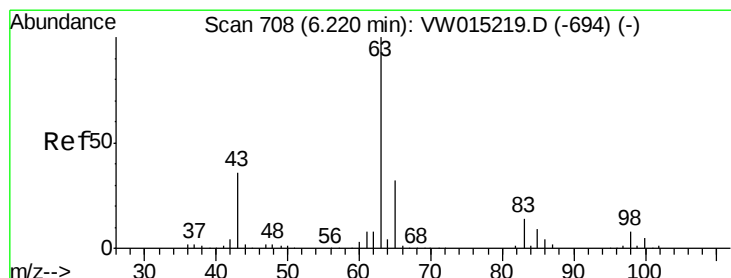
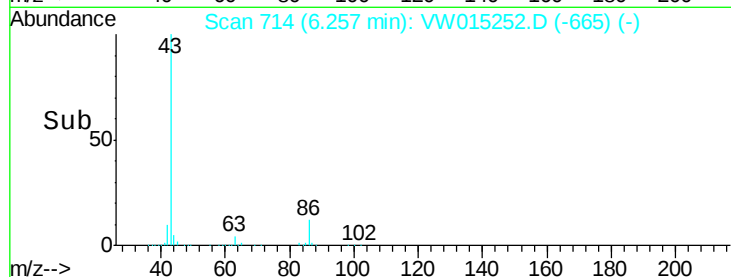
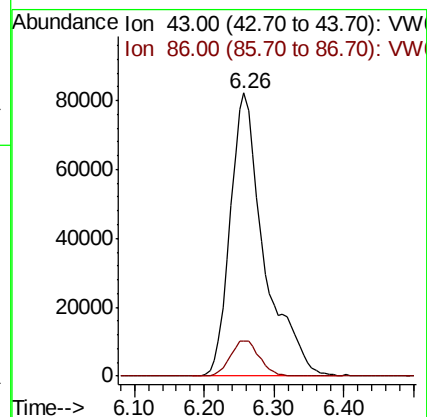
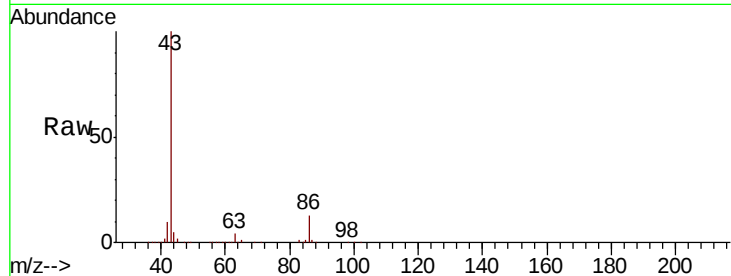
ClientSampleId :

Tot Ion: 43 Resp: 275669

Ion Ratio Lower Upper

43 100

86 12.5 9.1 13.7



#24

1,1-Dichloroethane

Concen: 20.259 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW015252.D

Acq: 21 Apr 2020 10:55

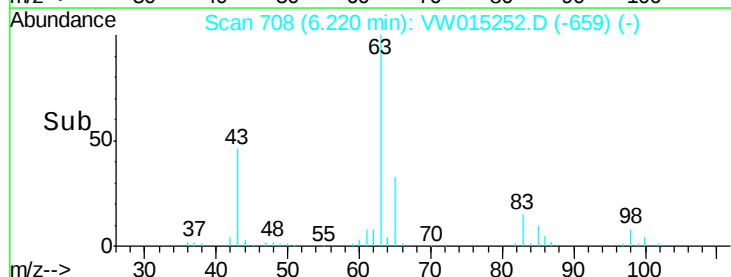
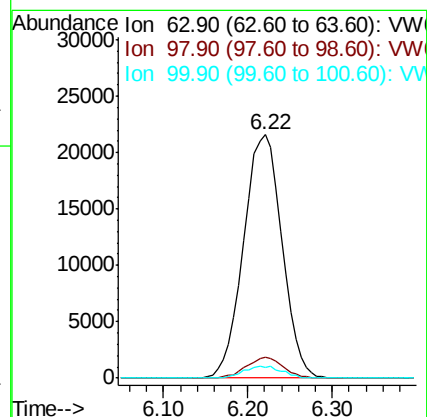
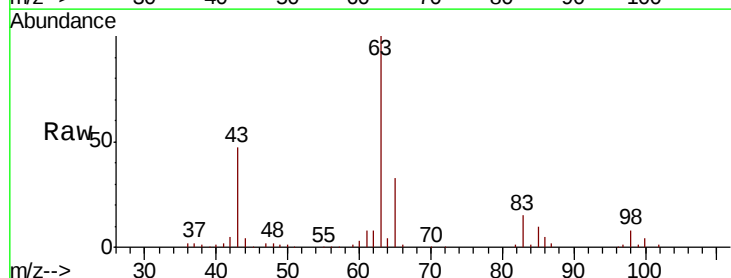
Tgt Ion: 63 Resp: 66827

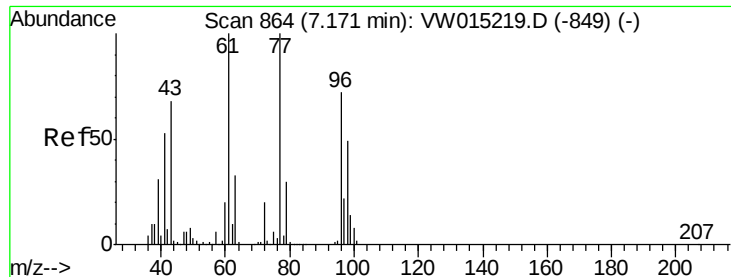
Ion Ratio Lower Upper

63 100

98 8.4 3.6 10.9

100 4.4 2.4 7.2





#25

2-Butanone

Concen: 91.291 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW015252.D

Acq: 21 Apr 2020 10:55

Instrument :

MSVOA_W

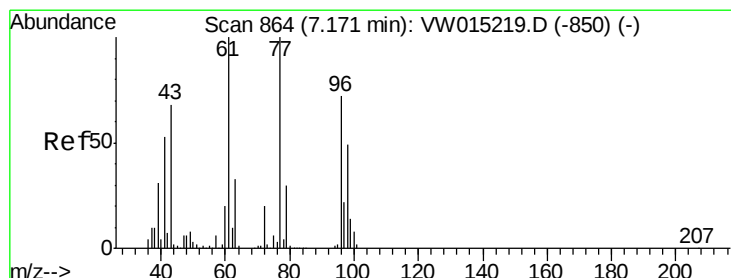
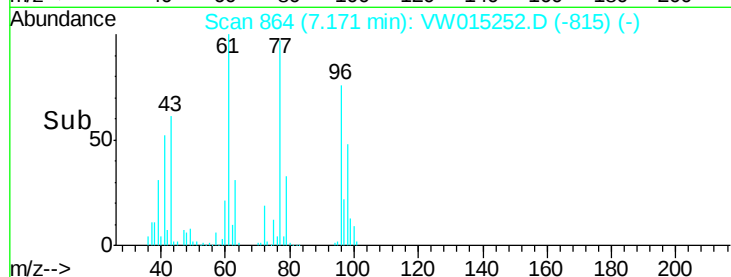
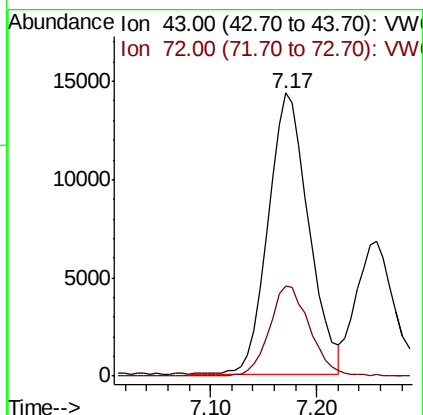
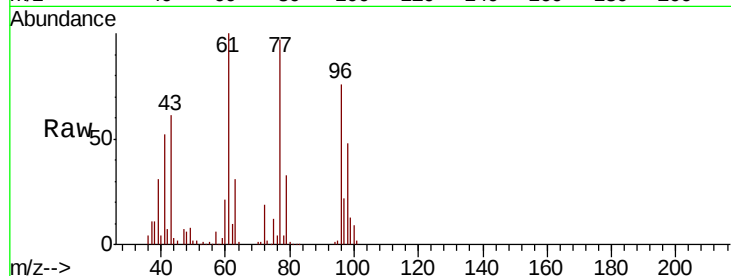
ClientSampled :

Tot Ion: 43 Resp: 37932

Ion Ratio Lower Upper

43 100

72 31.8 21.6 32.4



#26

2,2-Dichloropropane

Concen: 20.084 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW015252.D

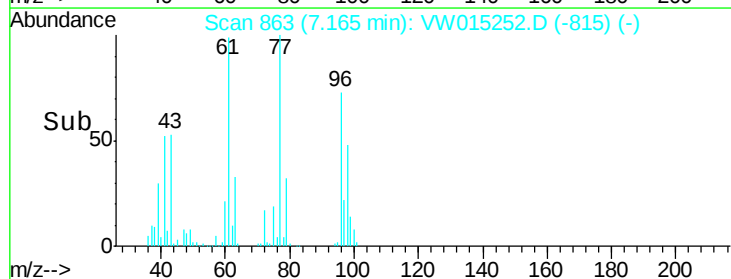
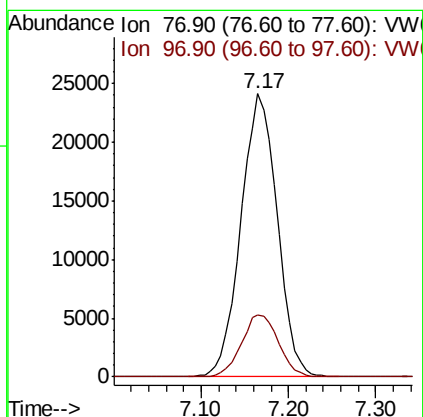
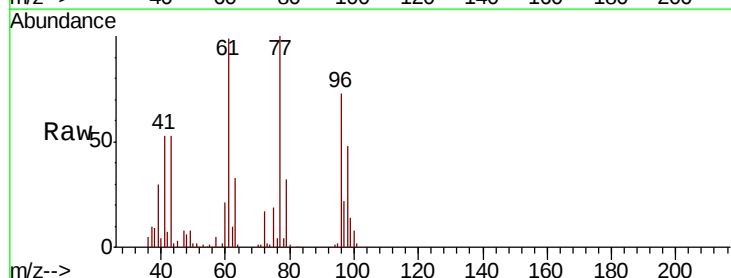
Acq: 21 Apr 2020 10:55

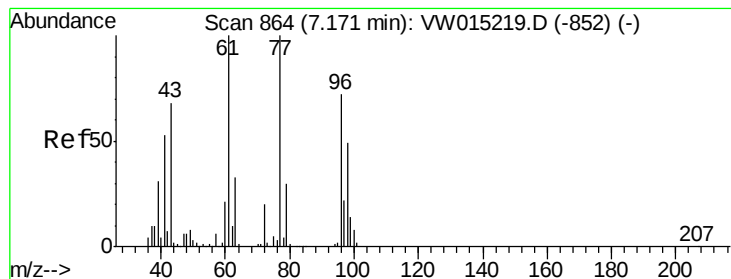
Tgt Ion: 77 Resp: 69699

Ion Ratio Lower Upper

77 100

97 22.4 11.9 35.5



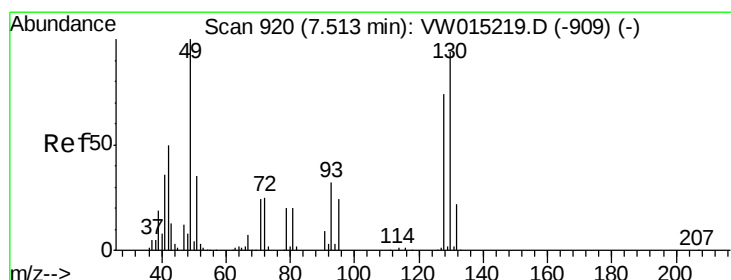
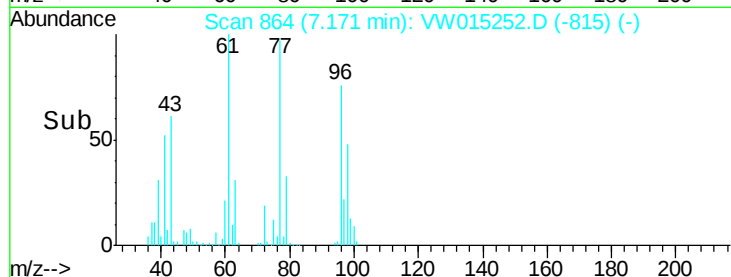
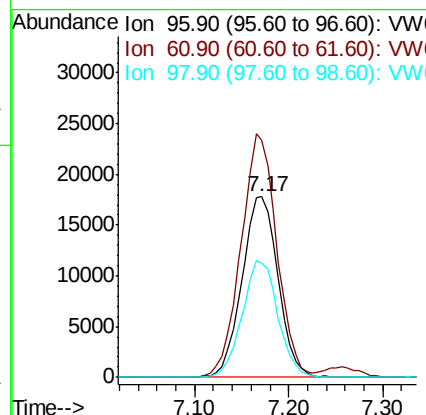
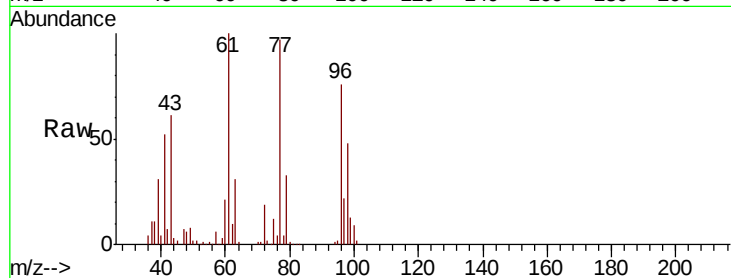


#27

cis-1,2-Dichloroethene
Concen: 20.796 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW015252.D
Acq: 21 Apr 2020 10:55

Instrument :
MSVOA_W
ClientSampleId :

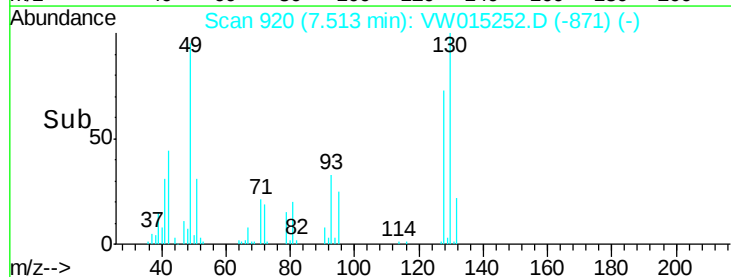
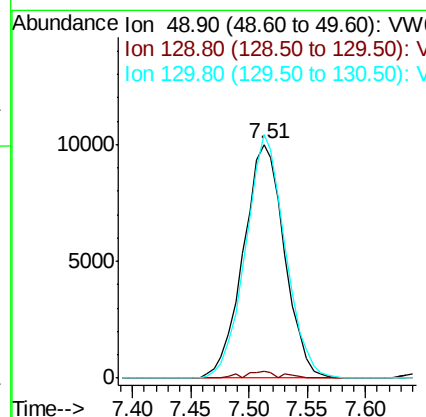
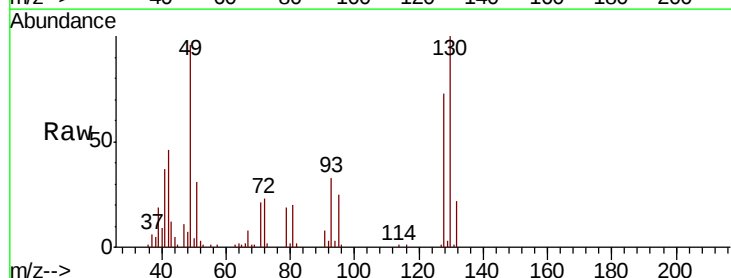
Tot Ion: 96 Resp: 47620
Ion Ratio Lower Upper
96 100
61 133.9 0.0 275.0
98 64.0 0.0 130.8

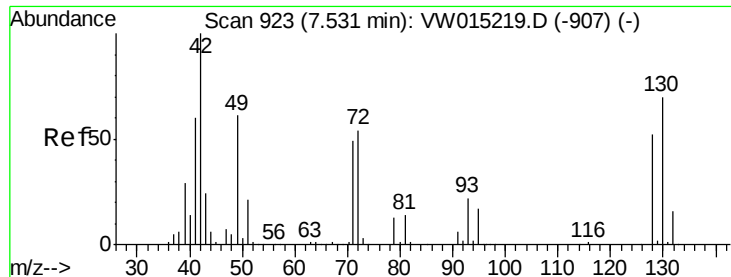


#28

Bromochloromethane
Concen: 20.469 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW015252.D
Acq: 21 Apr 2020 10:55

Tgt Ion: 49 Resp: 24549
Ion Ratio Lower Upper
49 100
129 1.7 0.0 4.6
130 100.3 60.9 91.3#





#29

Tetrahydrofuran

Concen: 93.666 ug/l

RT: 7.52 min Scan# 922

Delta R.T. -0.01 min

Lab File: VW015252.D

Acq: 21 Apr 2020 10:55

Instrument :

MSVOA_W

ClientSampleId :

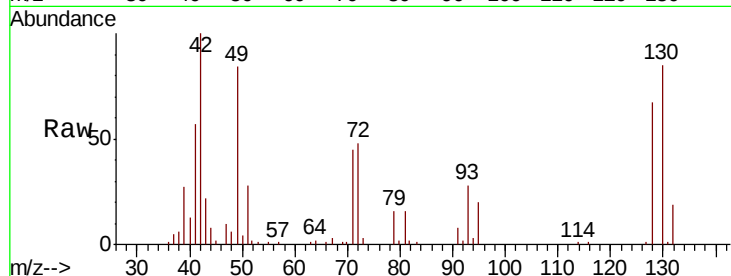
Tot Ion: 42 Resp: 24247

Ion Ratio Lower Upper

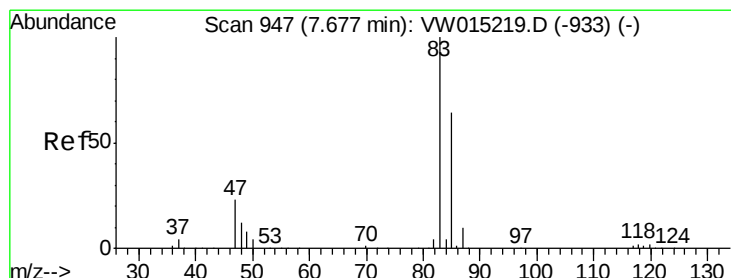
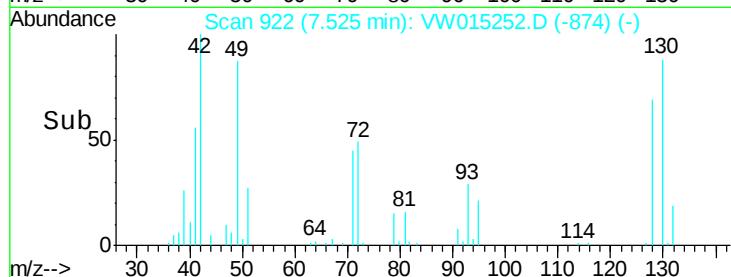
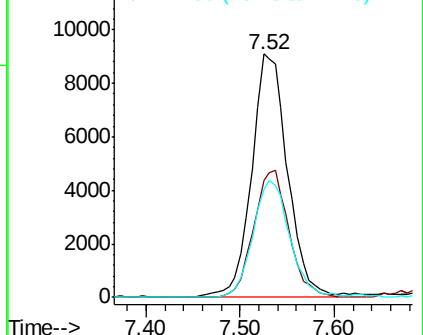
42 100

72 51.2 36.2 54.2

71 49.3 34.2 51.4



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



#30

Chloroform

Concen: 20.531 ug/l

RT: 7.68 min Scan# 947

Delta R.T. 0.00 min

Lab File: VW015252.D

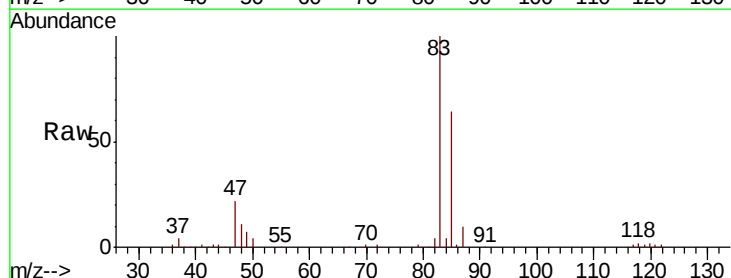
Acq: 21 Apr 2020 10:55

Tgt Ion: 83 Resp: 73096

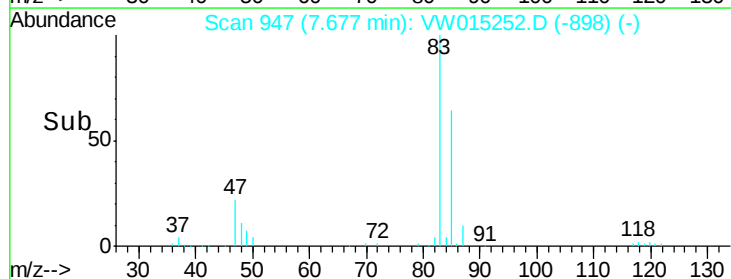
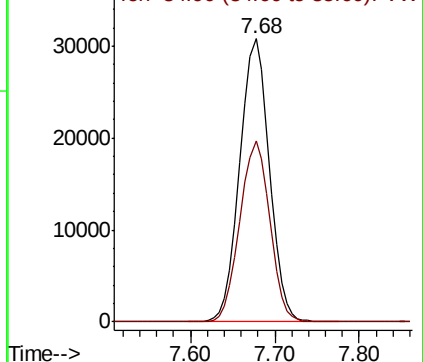
Ion Ratio Lower Upper

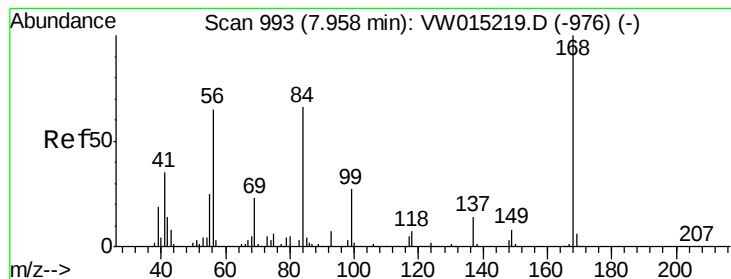
83 100

85 63.9 50.9 76.3



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





#31

Cyclohexane

Concen: 19.930 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW015252.D

Acq: 21 Apr 2020 10:55

Instrument :

MSVOA_W

ClientSampleId :

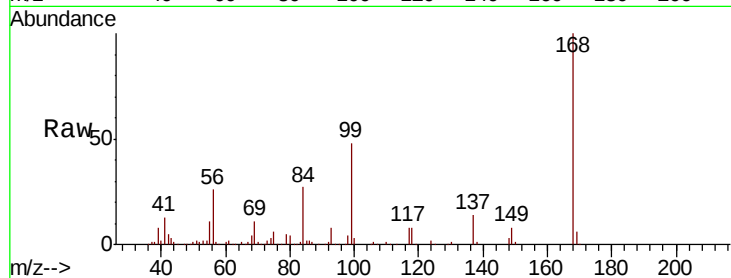
Tot Ion: 56 Resp: 66086

Ion Ratio Lower Upper

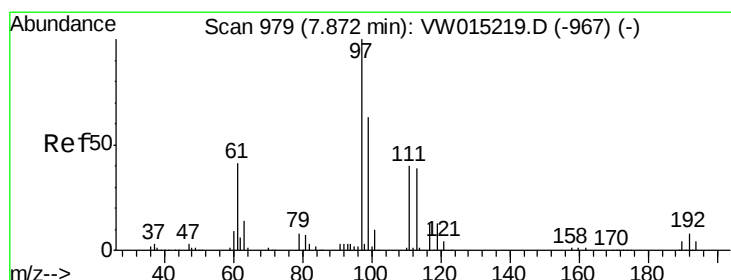
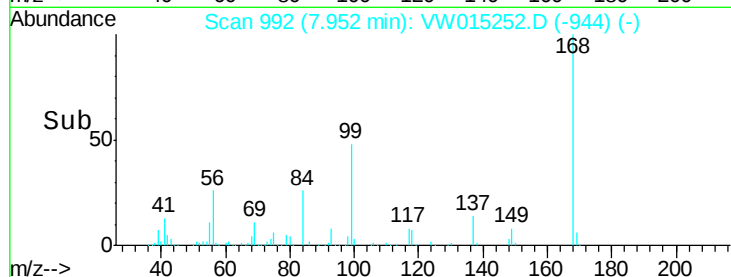
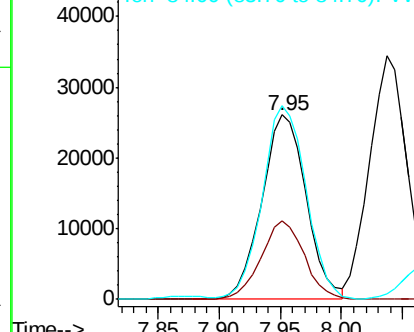
56 100

69 42.5 27.1 40.7#

84 103.0 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: 20.594 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW015252.D

Acq: 21 Apr 2020 10:55

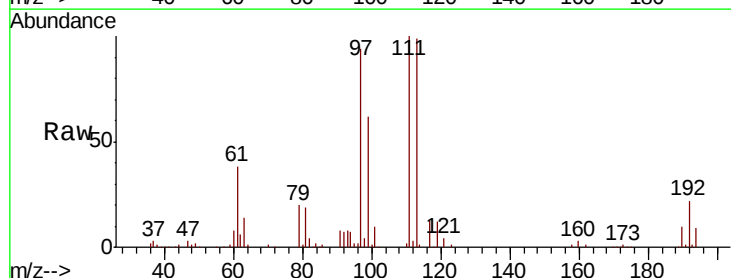
Tgt Ion: 97 Resp: 70763

Ion Ratio Lower Upper

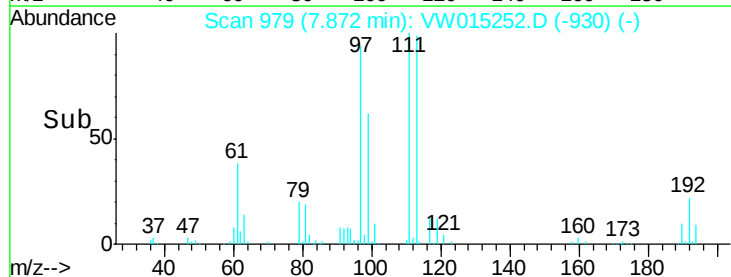
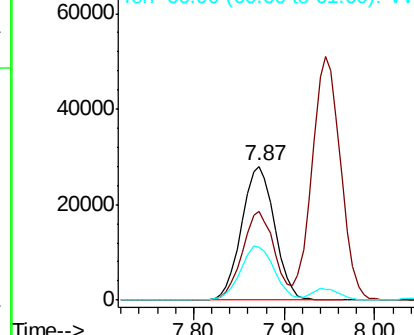
97 100

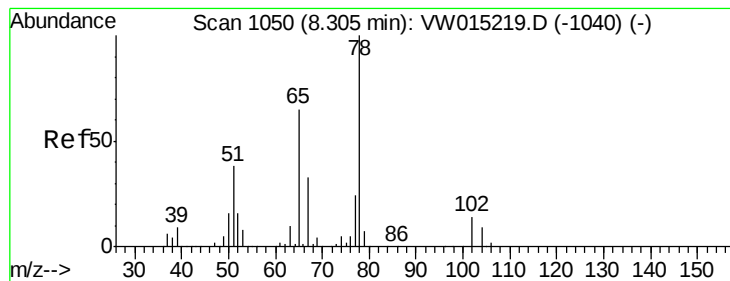
99 64.9 52.2 78.2

61 41.1 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: 51.147 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW015252.D

Acq: 21 Apr 2020 10:55

Instrument :

MSVOA_W

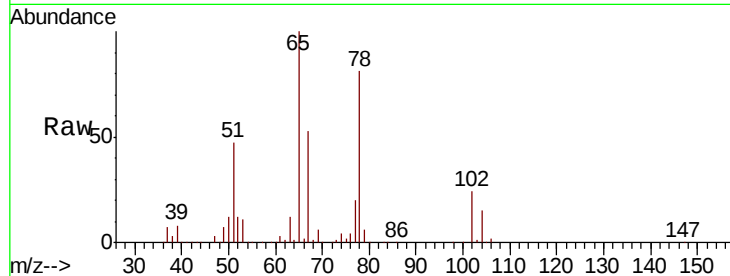
ClientSampleId :

Tot Ion: 65 Resp: 91710

Ion Ratio Lower Upper

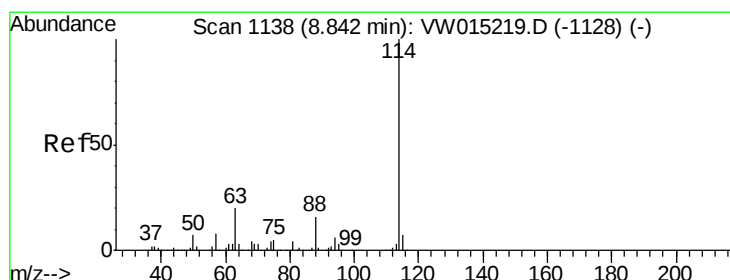
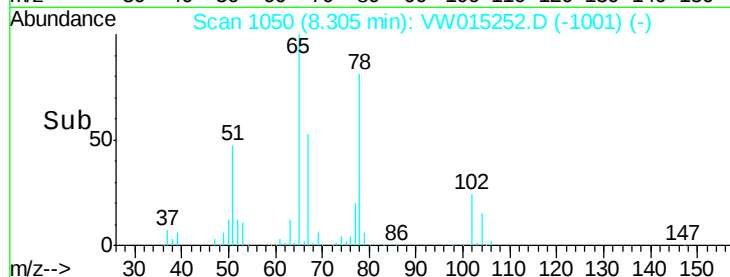
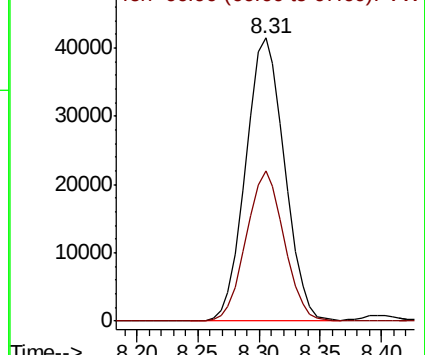
65 100

67 52.1 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW015252.D

Acq: 21 Apr 2020 10:55

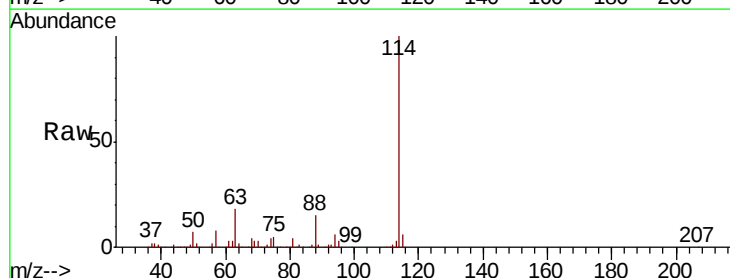
Tgt Ion: 114 Resp: 313051

Ion Ratio Lower Upper

114 100

63 18.1 0.0 39.8

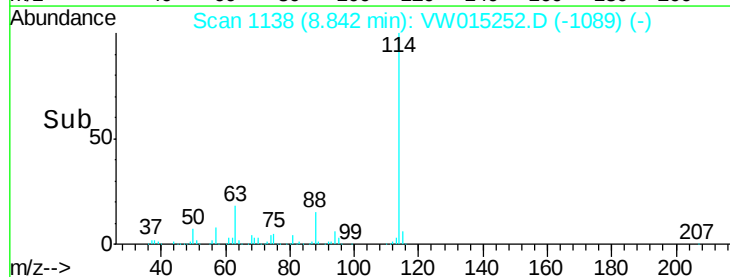
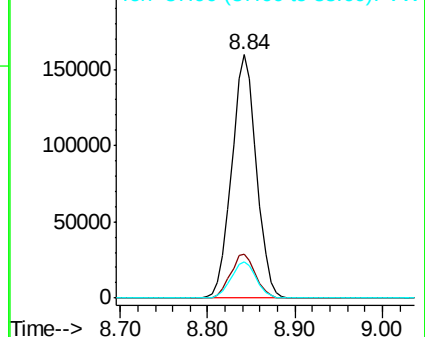
88 15.1 0.0 30.2

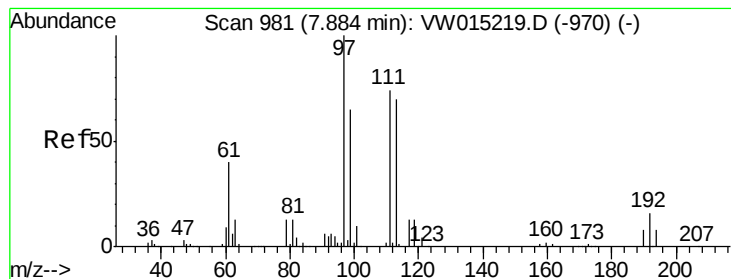


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 53.177 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW015252.D

Acq: 21 Apr 2020 10:55

Instrument :

MSVOA_W

ClientSampled :

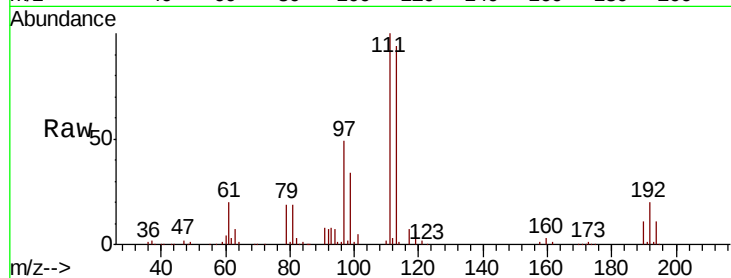
Tot Ion:113 Resp: 92211

Ion Ratio Lower Upper

113 100

111 102.5 83.0 124.4

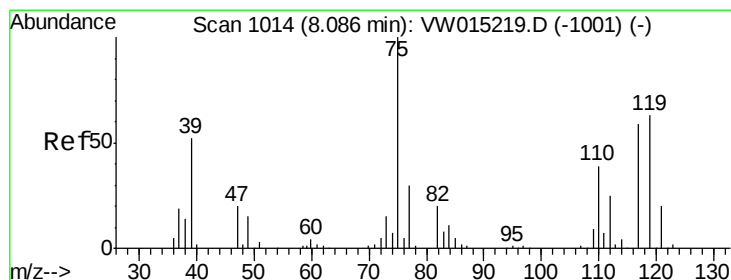
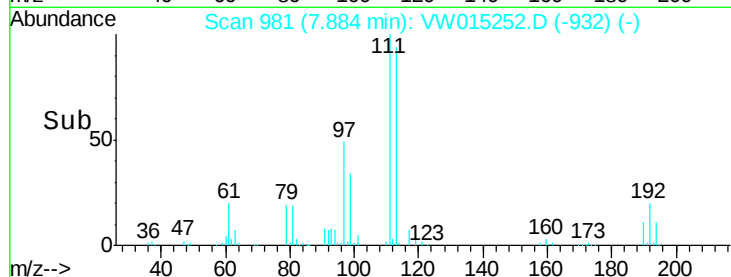
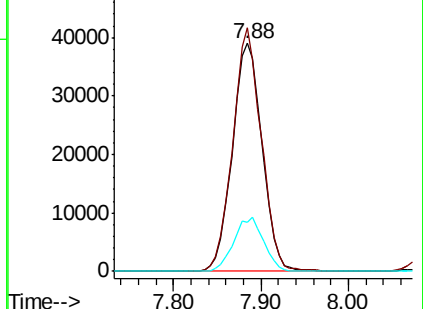
192 23.7 15.1 22.7#



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: 20.629 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. 0.00 min

Lab File: VW015252.D

Acq: 21 Apr 2020 10:55

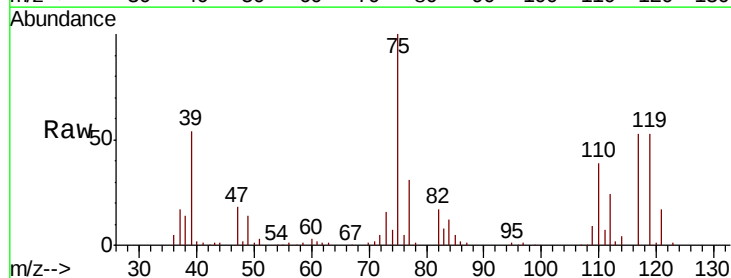
Tgt Ion: 75 Resp: 58286

Ion Ratio Lower Upper

75 100

110 38.9 18.2 54.6

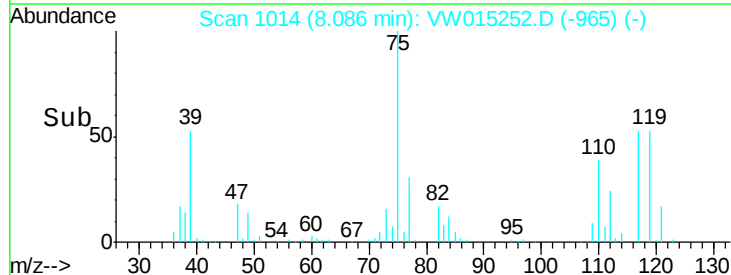
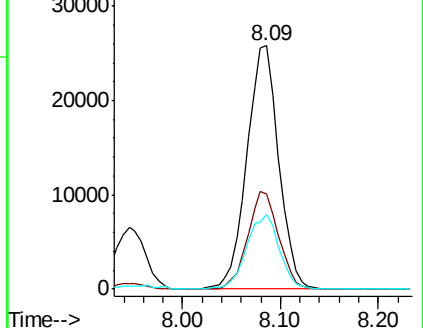
77 31.3 24.5 36.7

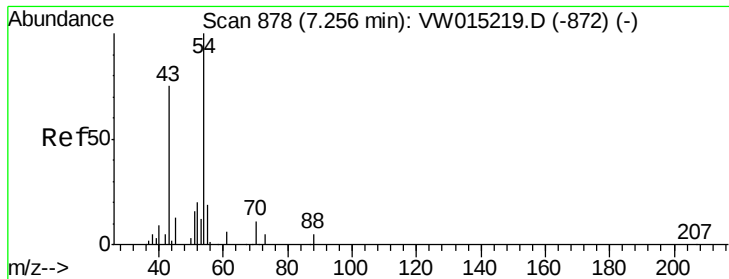


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

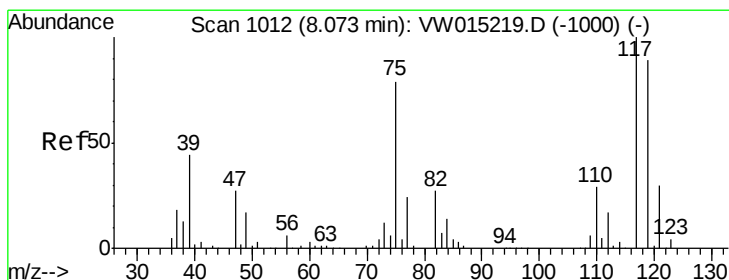
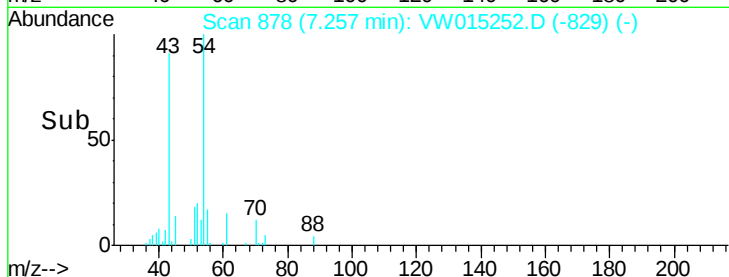
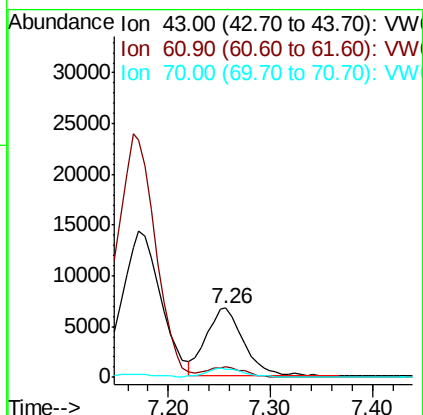
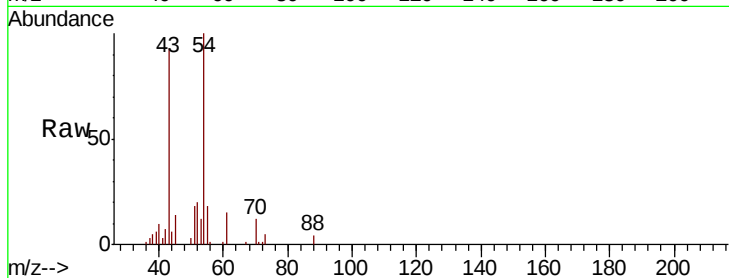




#37
Ethyl Acetate
Concen: 18.747 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW015252.D
Acq: 21 Apr 2020 10:55

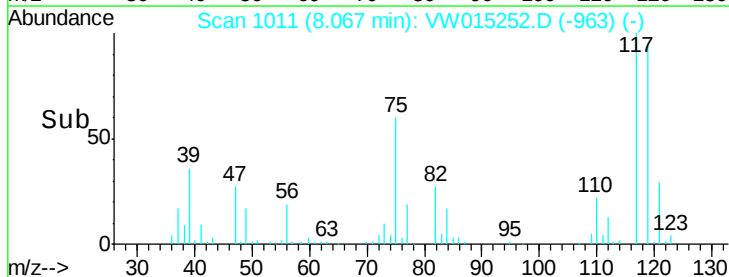
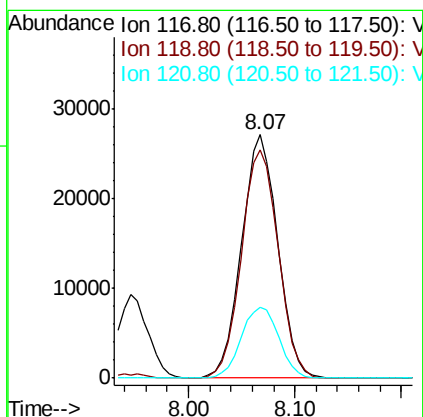
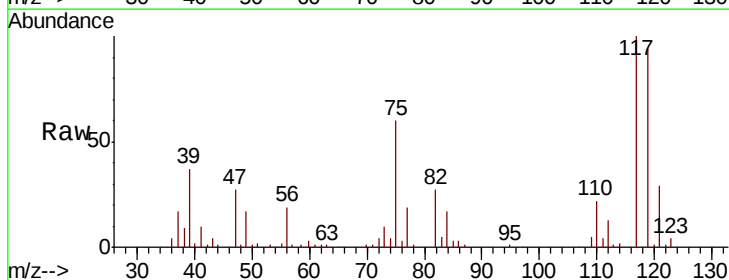
Instrument :
MSVOA_W
ClientSampled :

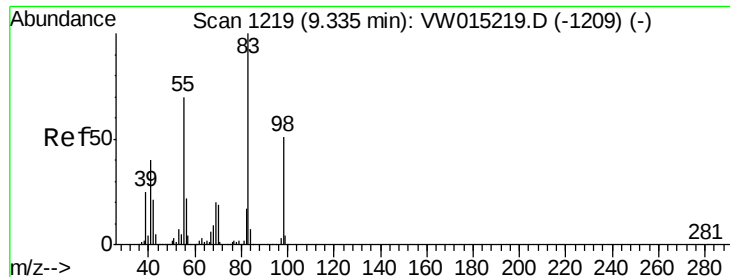
Tot Ion: 43 Resp: 17191
Ion Ratio Lower Upper
43 100
61 15.6 11.9 17.9
70 13.9 8.8 13.2#



#38
Carbon Tetrachloride
Concen: 20.892 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW015252.D
Acq: 21 Apr 2020 10:55

Tgt Ion: 117 Resp: 64509
Ion Ratio Lower Upper
117 100
119 93.9 72.3 108.5
121 29.0 23.7 35.5

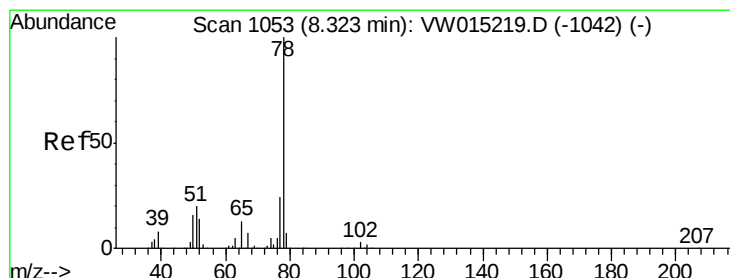
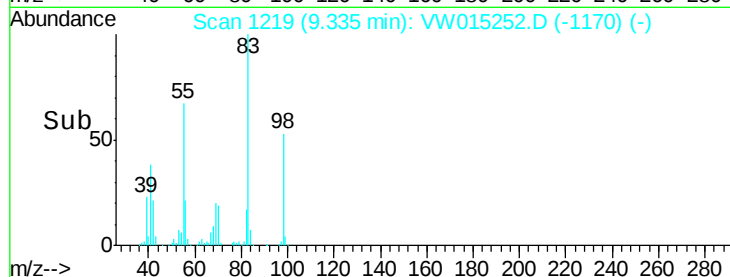
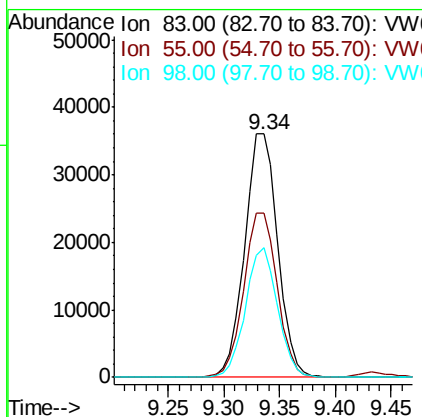
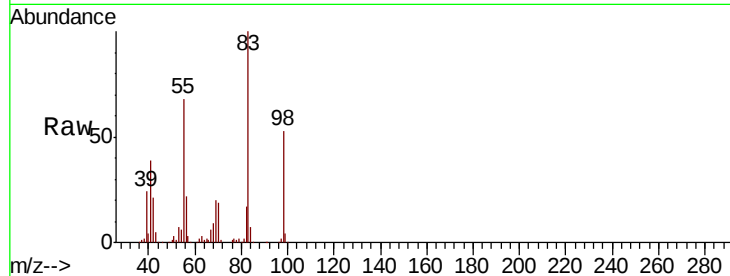




#39
Methvlcvclohexane
Concen: 19.807 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW015252.D
Acq: 21 Apr 2020 10:55

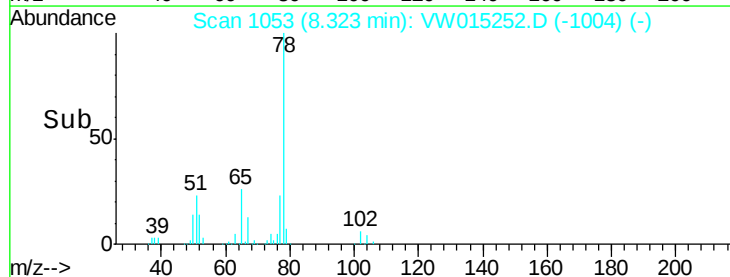
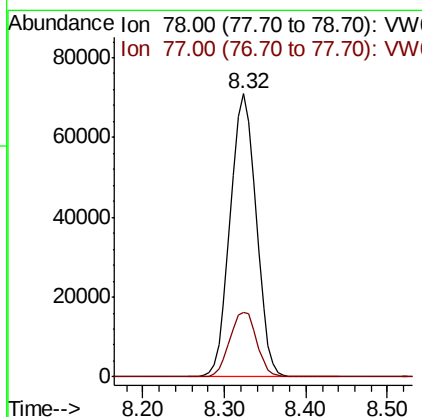
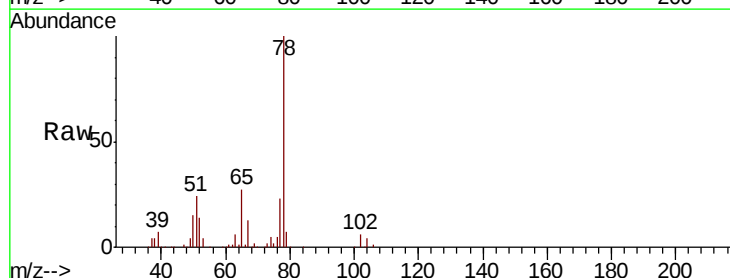
Instrument :
MSVOA_W
ClientSampled :

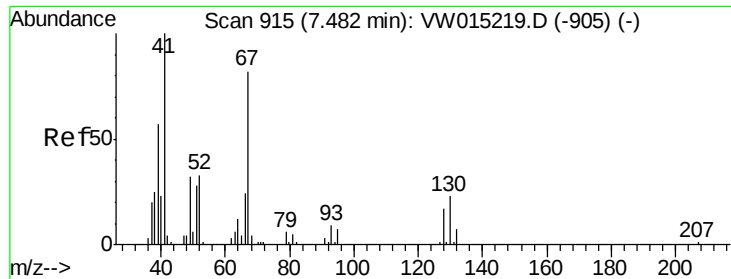
Tot Ion: 83 Resp: 74487
Ion Ratio Lower Upper
83 100
55 67.3 58.1 87.1
98 53.1 40.2 60.4



#40
Benzene
Concen: 20.653 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW015252.D
Acq: 21 Apr 2020 10:55

Tgt Ion: 78 Resp: 155877
Ion Ratio Lower Upper
78 100
77 23.0 18.2 27.2

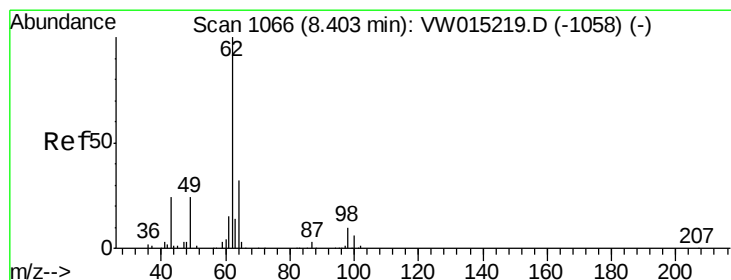
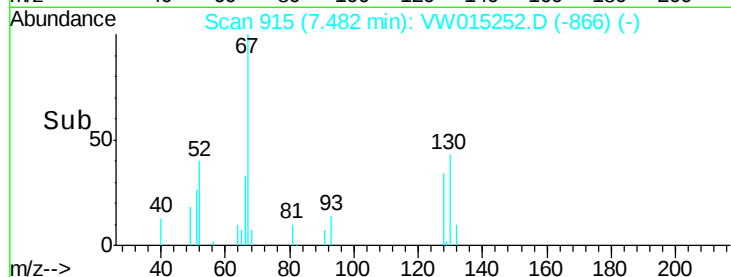
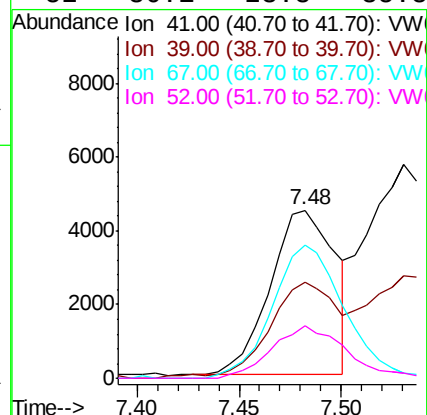
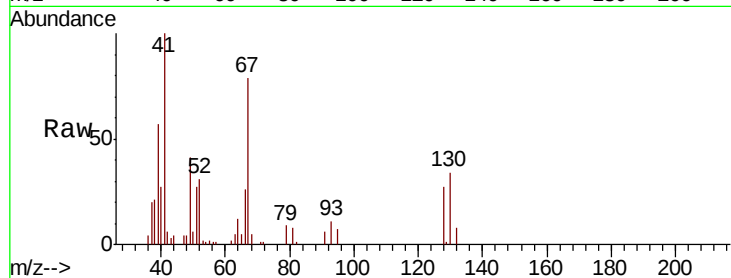




#41
Methacrylonitrile
Concen: 18.052 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW015252.D
Acq: 21 Apr 2020 10:55

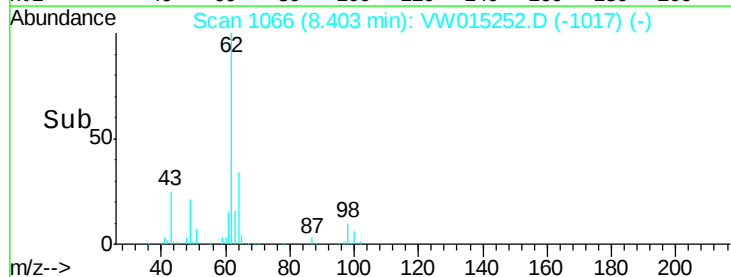
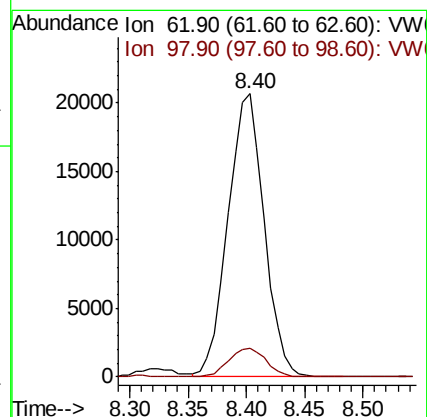
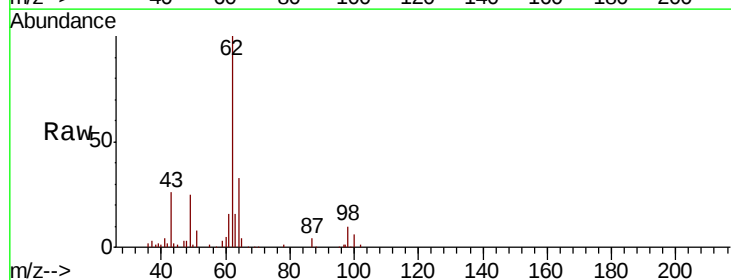
Instrument :
MSVOA_W
ClientSampled :

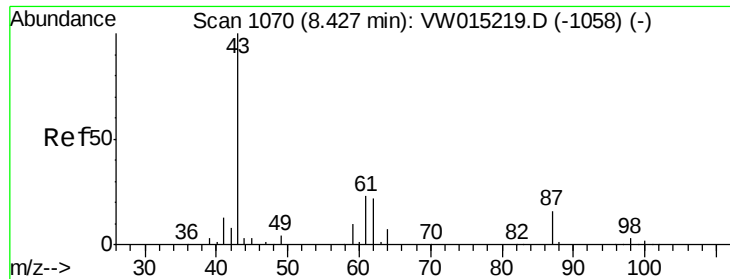
Tot Ion: 41 Resp: 9932
Ion Ratio Lower Upper
41 100
39 60.2 41.9 62.9
67 89.1 60.6 91.0
52 36.1 23.8 35.8#



#42
1,2-Dichloroethane
Concen: 20.112 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW015252.D
Acq: 21 Apr 2020 10:55

Tgt Ion: 62 Resp: 44687
Ion Ratio Lower Upper
62 100
98 10.3 0.0 20.4





#43

Isopropyl Acetate

Concen: 19.279 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW015252.D

Acq: 21 Apr 2020 10:55

Instrument :

MSVOA_W

ClientSampleId :

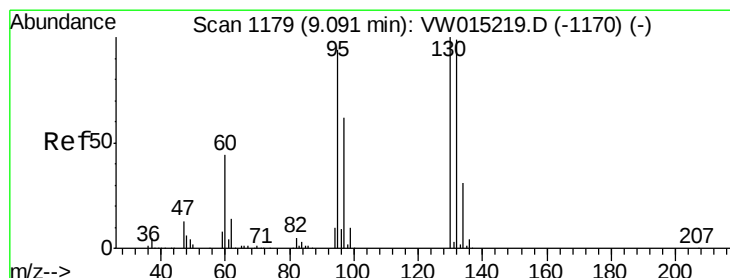
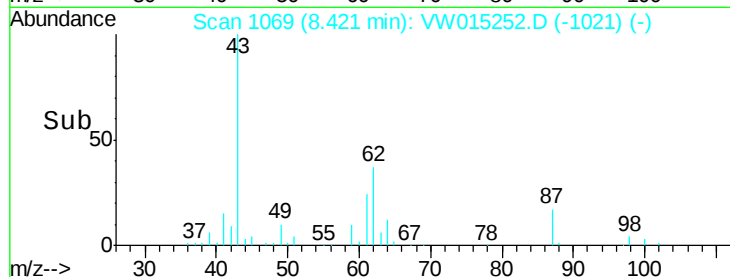
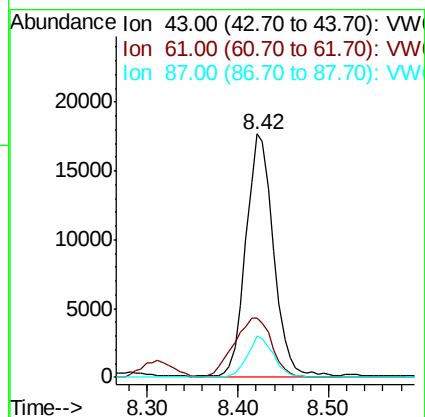
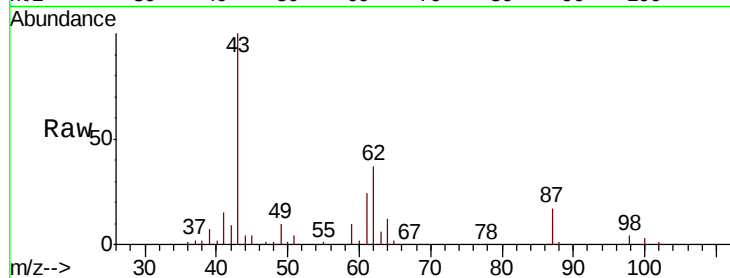
Tot Ion: 43 Resp: 37079

Ion Ratio Lower Upper

43 100

61 33.8 24.8 37.2

87 15.9 11.4 17.2



#44

Trichloroethene

Concen: 21.001 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW015252.D

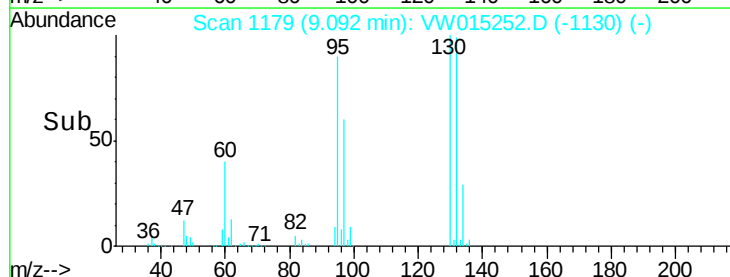
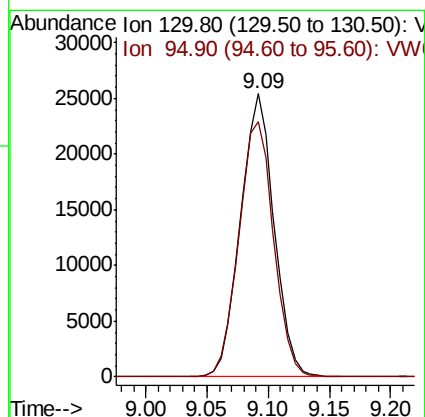
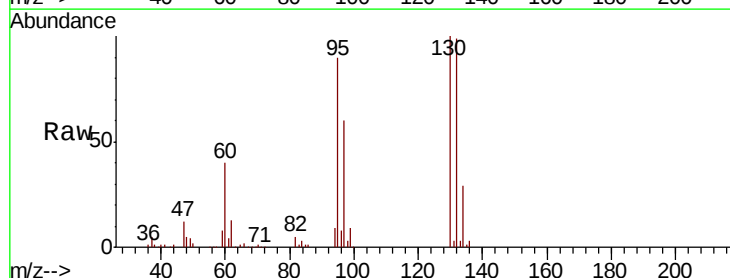
Acq: 21 Apr 2020 10:55

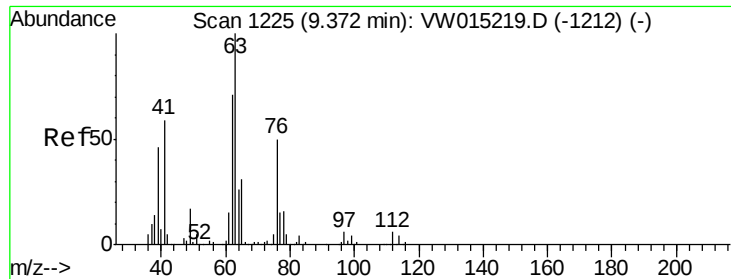
Tgt Ion: 130 Resp: 48483

Ion Ratio Lower Upper

130 100

95 90.1 0.0 196.4





#45

1,2-Dichloropropane

Concen: 20.591 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.01 min

Lab File: VW015252.D

Acq: 21 Apr 2020 10:55

Instrument :

MSVOA_W

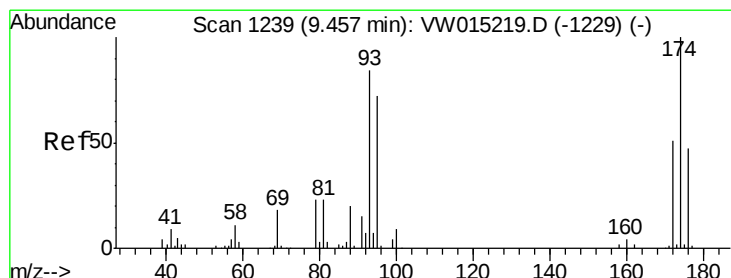
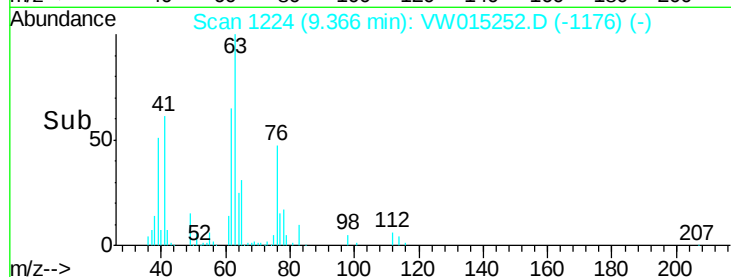
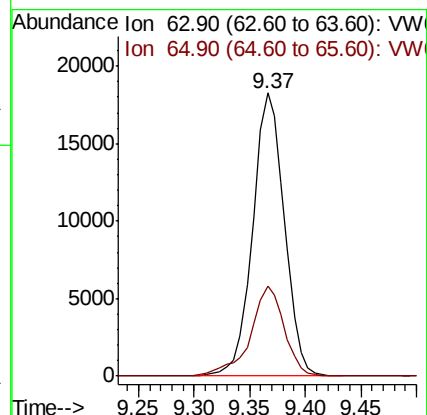
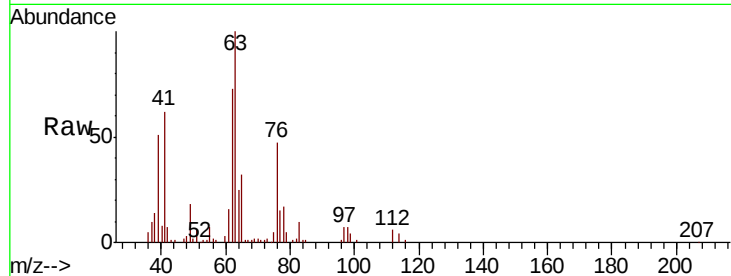
ClientSampleId :

Tot Ion: 63 Resp: 36142

Ion Ratio Lower Upper

63 100

65 31.6 25.5 38.3



#46

Dibromomethane

Concen: 19.971 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW015252.D

Acq: 21 Apr 2020 10:55

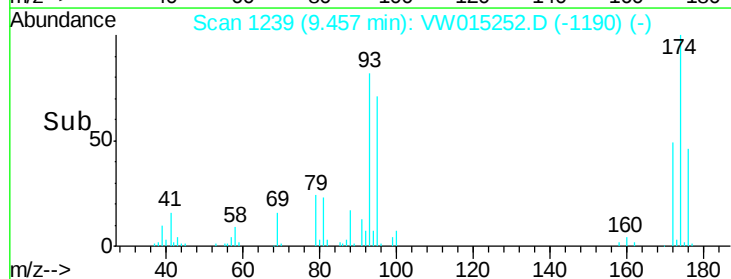
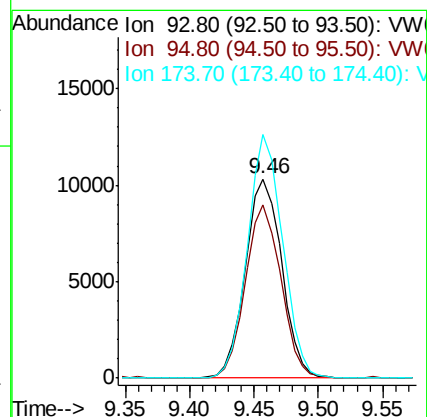
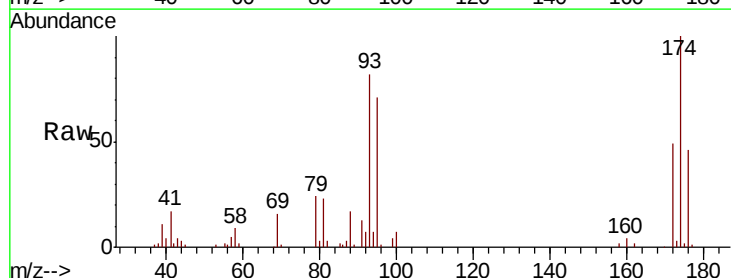
Tgt Ion: 93 Resp: 20277

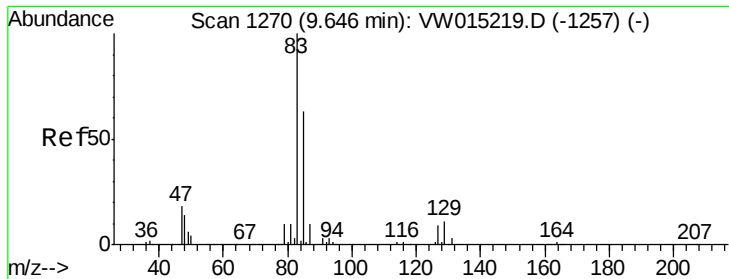
Ion Ratio Lower Upper

93 100

95 84.5 67.5 101.3

174 117.5 74.1 111.1#

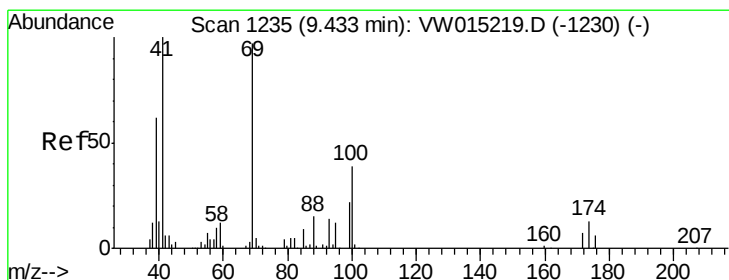
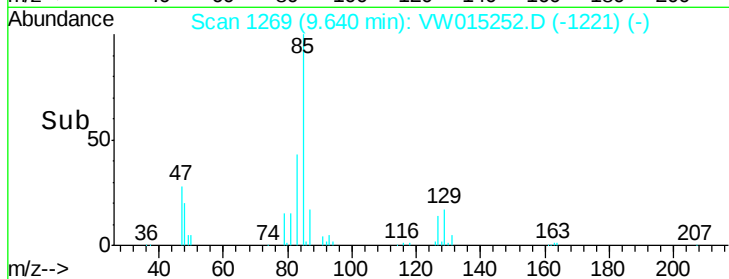
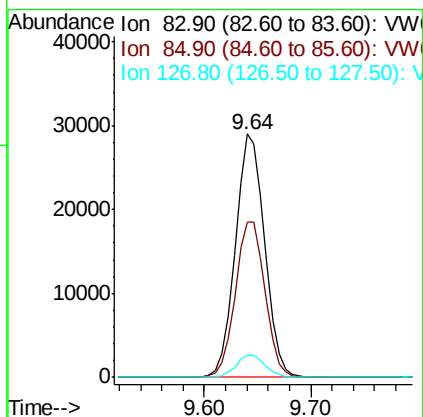
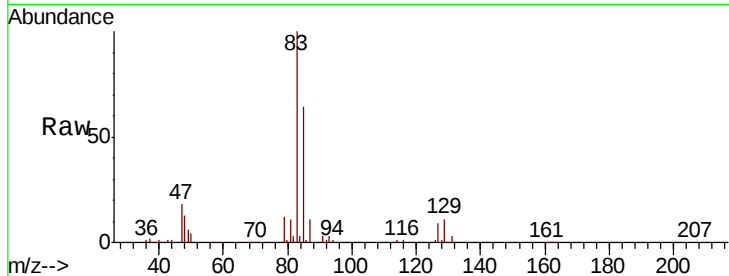




#47
 Bromodichloromethane
 Concen: 20.594 ug/l
 RT: 9.64 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: VW015252.D
 Acq: 21 Apr 2020 10:55

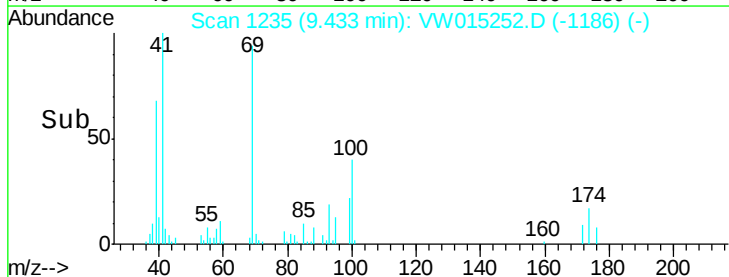
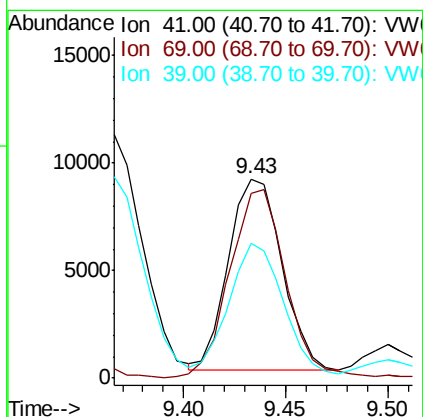
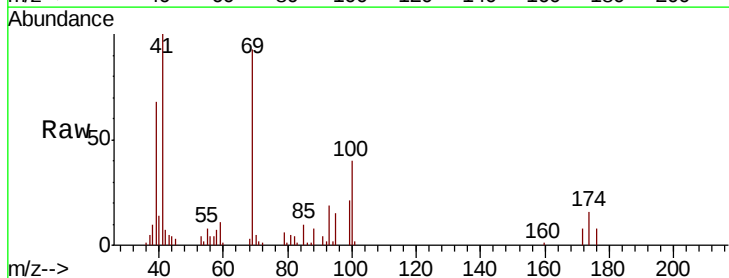
Instrument :
 MSVOA_W
 ClientSampleId :

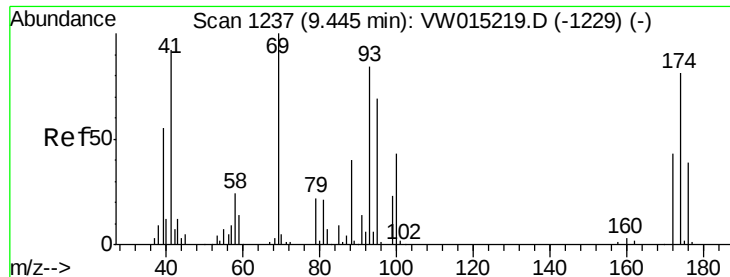
Tot Ion	83	Resp	55895
Ion Ratio	100		
85	63.7	50.6	76.0
127	9.0	6.7	10.1



#48
 Methyl methacrylate
 Concen: 17.803 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: VW015252.D
 Acq: 21 Apr 2020 10:55

Tgt Ion	41	Resp	16186
Ion Ratio	100		
69	104.2	70.6	105.8
39	72.6	42.6	64.0#





#49

1,4-Dioxane

Concen: 333.794 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.01 min

Lab File: VW015252.D

Acq: 21 Apr 2020 10:55

Instrument :
MSVOA_W
ClientSampleId :

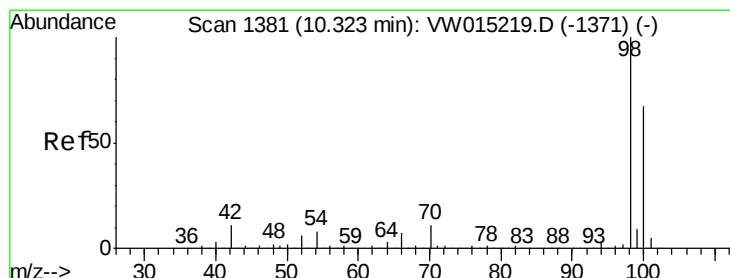
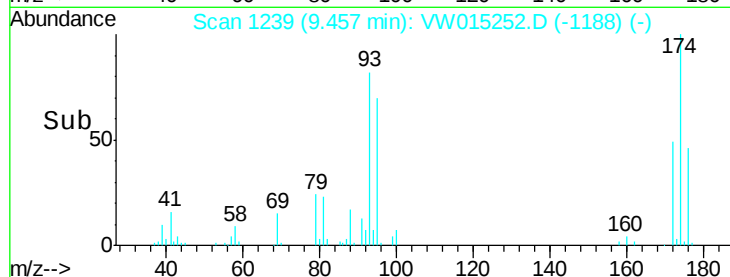
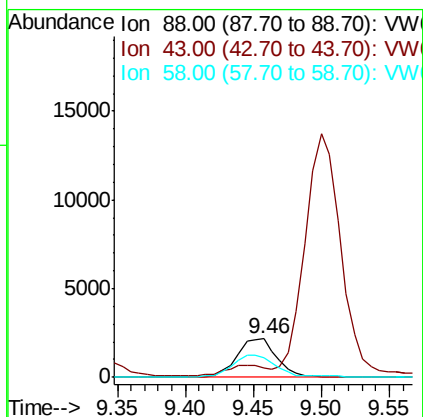
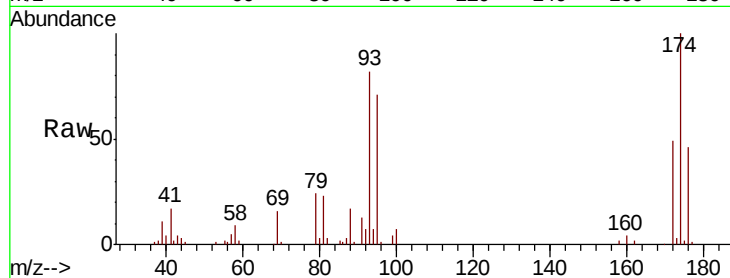
Tot Ion: 88 Resp: 4518

Ion Ratio Lower Upper

88 100

43 27.3 23.5 35.3

58 64.9 55.4 83.2



#50

Toluene-d8

Concen: 50.651 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW015252.D

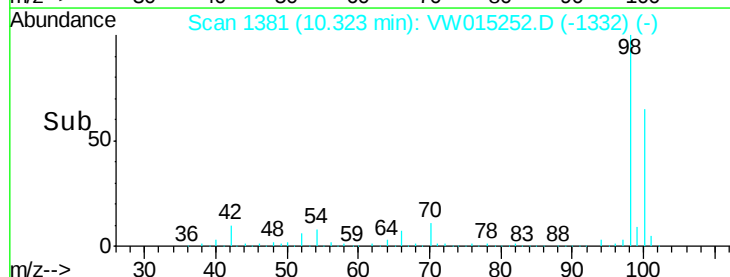
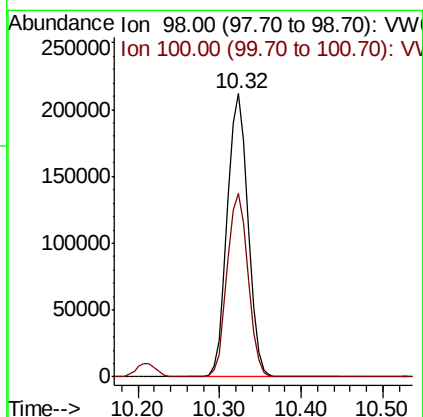
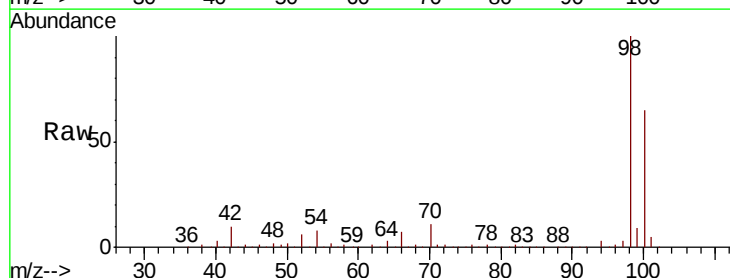
Acq: 21 Apr 2020 10:55

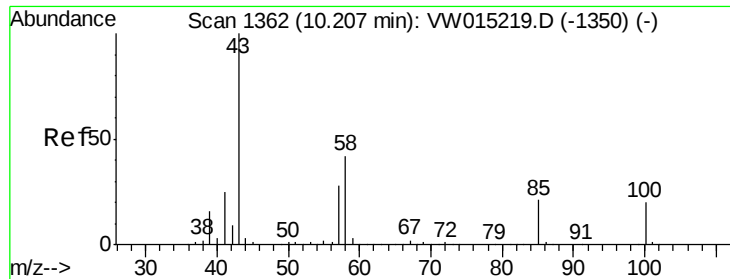
Tgt Ion: 98 Resp: 369480

Ion Ratio Lower Upper

98 100

100 65.6 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 91.889 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW015252.D

Acq: 21 Apr 2020 10:55

Instrument :

MSVOA_W

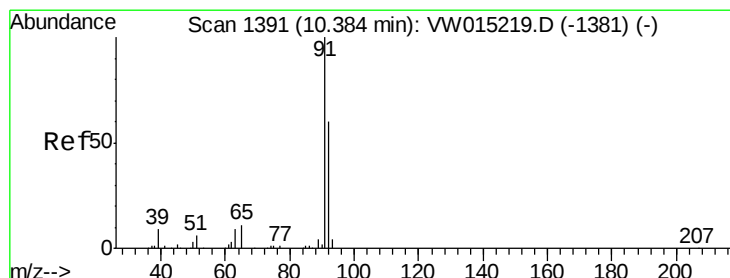
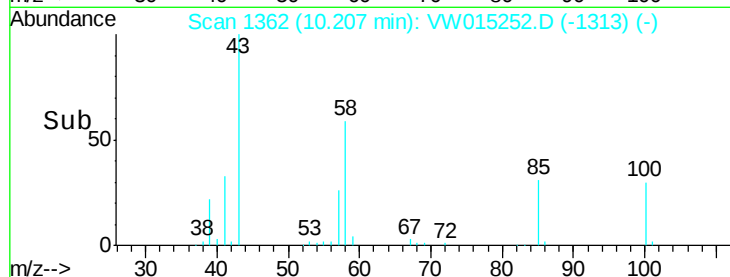
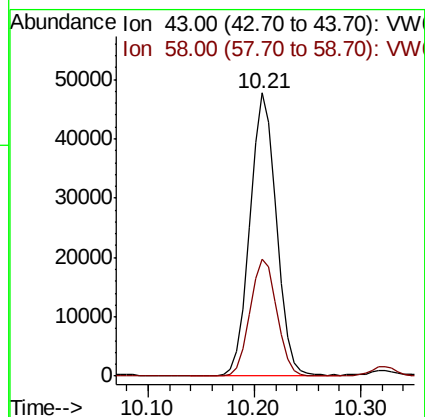
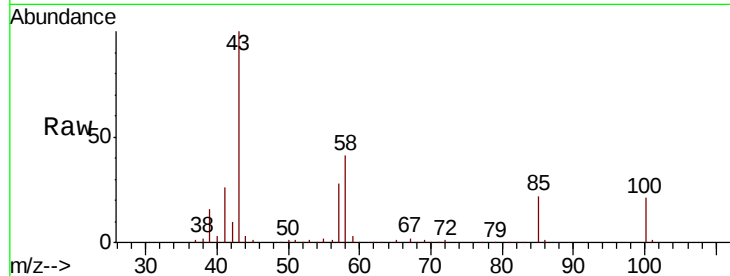
ClientSampleId :

Tot Ion: 43 Resp: 82959

Ion Ratio Lower Upper

43 100

58 42.0 32.3 48.5



#52

Toluene

Concen: 19.979 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW015252.D

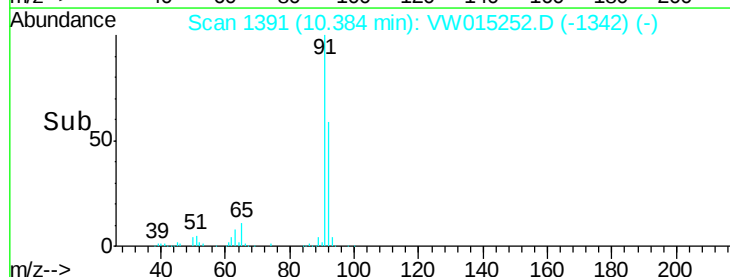
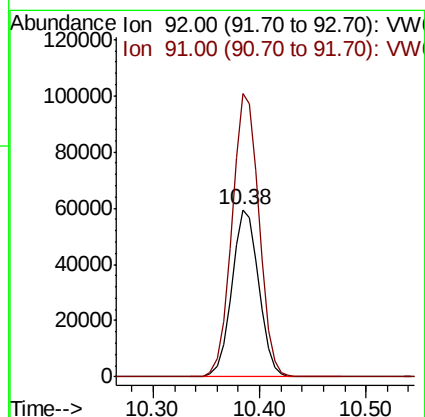
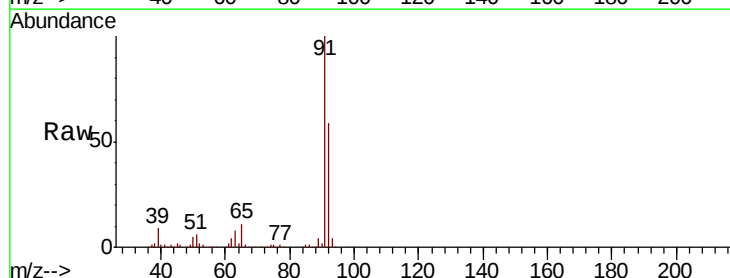
Acq: 21 Apr 2020 10:55

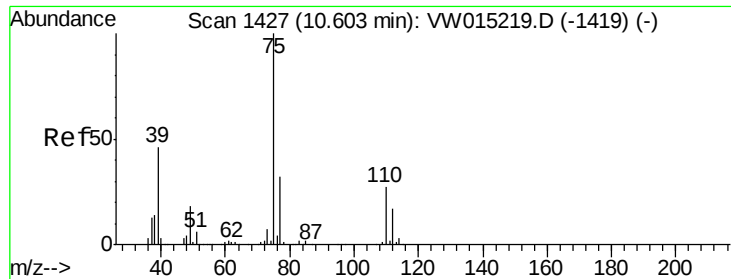
Tgt Ion: 92 Resp: 105534

Ion Ratio Lower Upper

92 100

91 169.9 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 19.705 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW015252.D

Acq: 21 Apr 2020 10:55

Instrument :

MSVOA_W

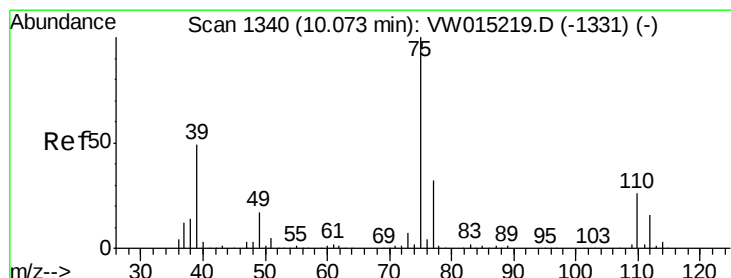
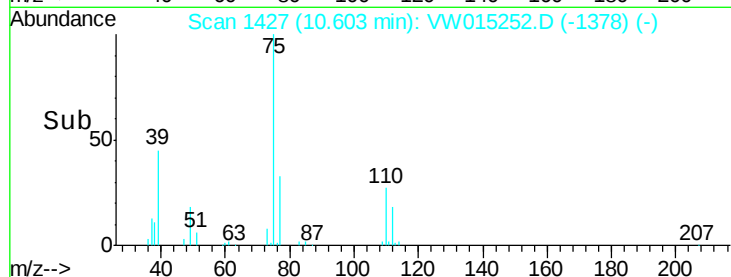
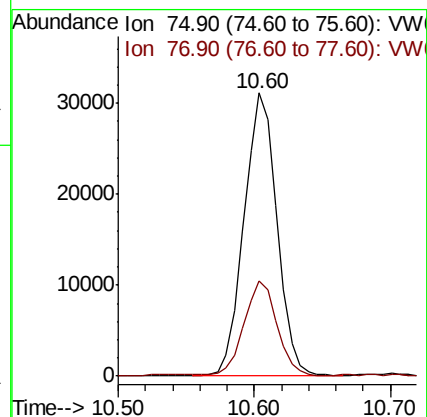
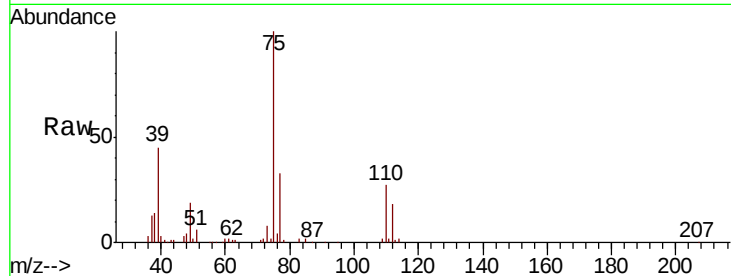
ClientSampleId :

Tot Ion: 75 Resp: 52737

Ion Ratio Lower Upper

75 100

77 32.9 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 20.486 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW015252.D

Acq: 21 Apr 2020 10:55

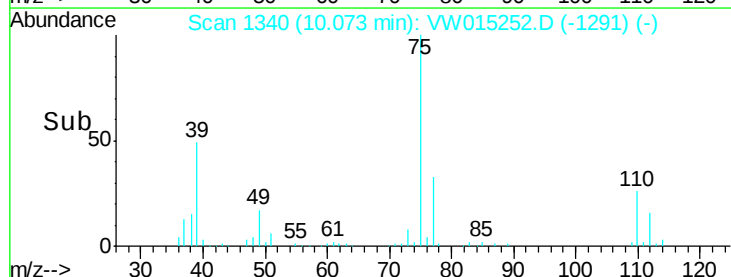
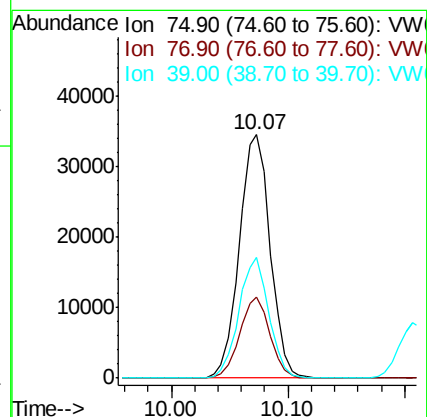
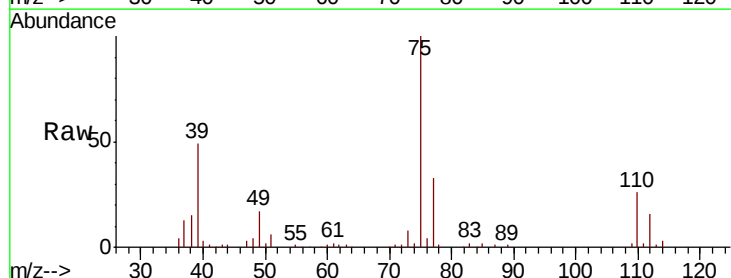
Tgt Ion: 75 Resp: 63727

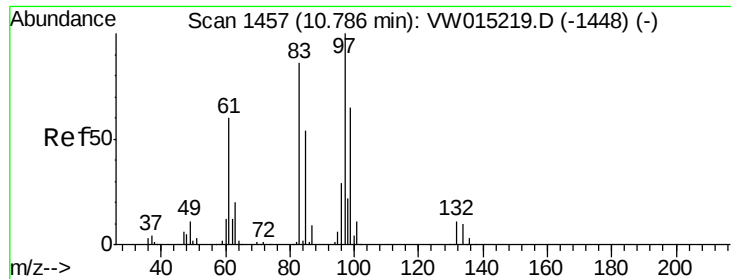
Ion Ratio Lower Upper

75 100

77 33.0 26.6 39.8

39 49.2 37.8 56.6

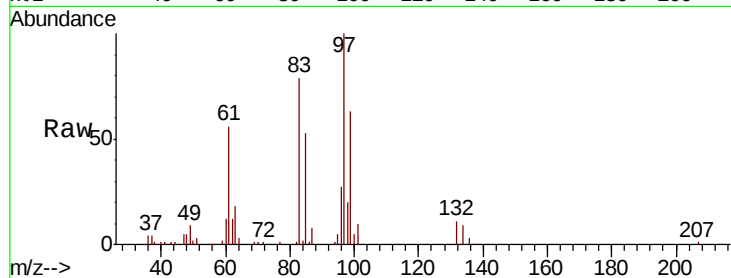




#55
 1,1,2-Trichloroethane
 Concen: 20.129 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW015252.D
 Acq: 21 Apr 2020 10:55

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion:	97	Resp:	28617
Ion	Ratio	Lower	Upper
97	100		
83	79.0	67.3	100.9
85	53.0	43.8	65.8
99	63.3	51.4	77.0



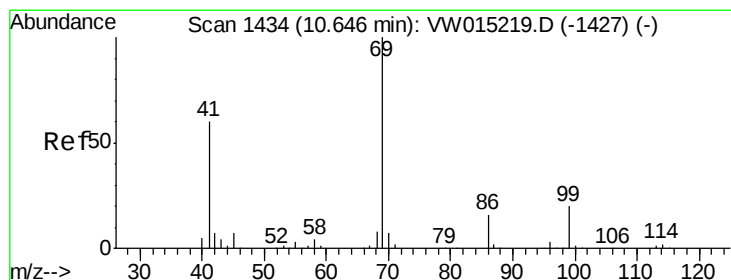
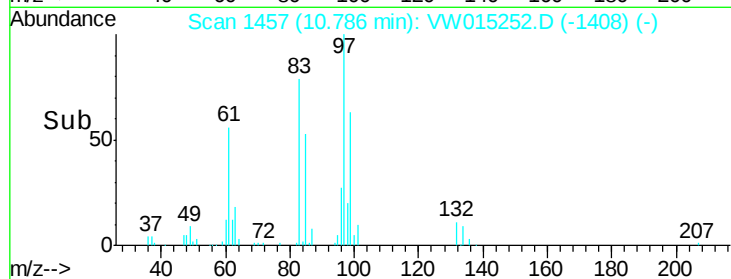
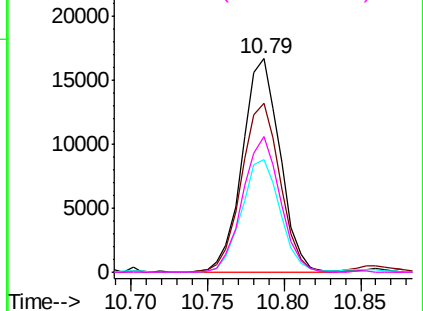
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

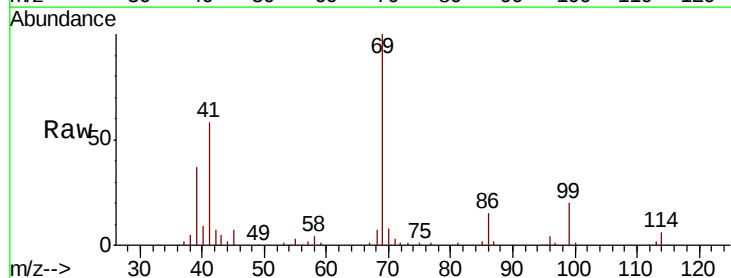
Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56
 Ethyl methacrylate
 Concen: 18.691 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW015252.D
 Acq: 21 Apr 2020 10:55

Tgt Ion:	69	Resp:	34233
Ion	Ratio	Lower	Upper
69	100		
41	58.2	51.3	76.9
39	34.5	24.6	37.0

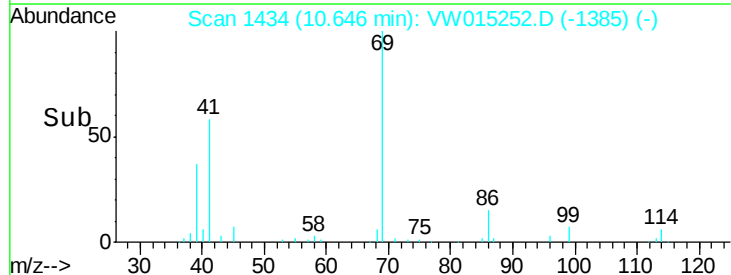
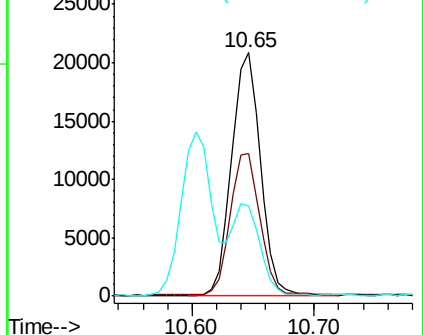


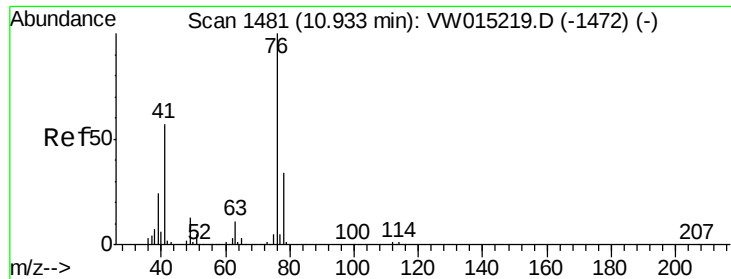
Abundance

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

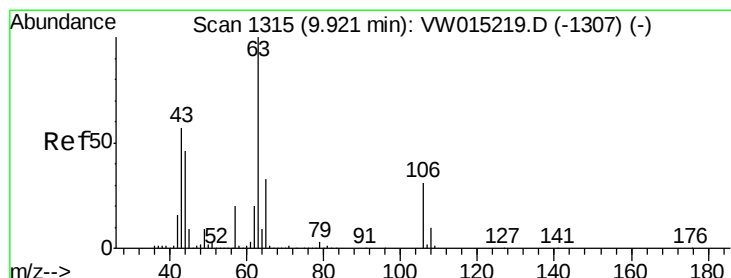
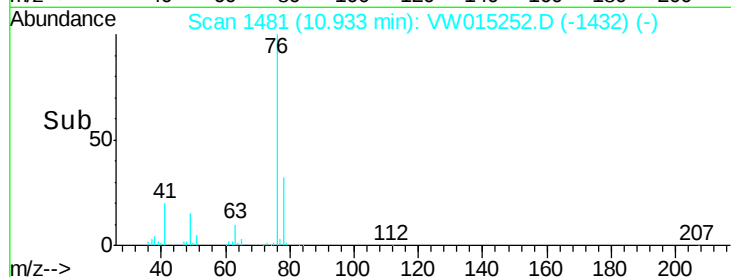
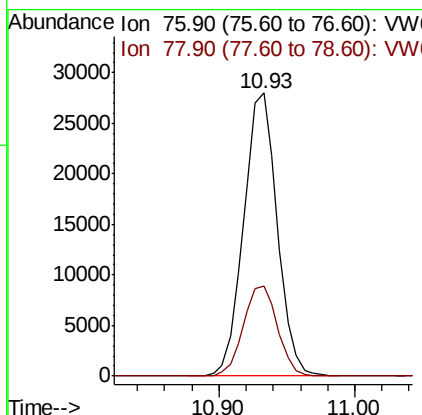
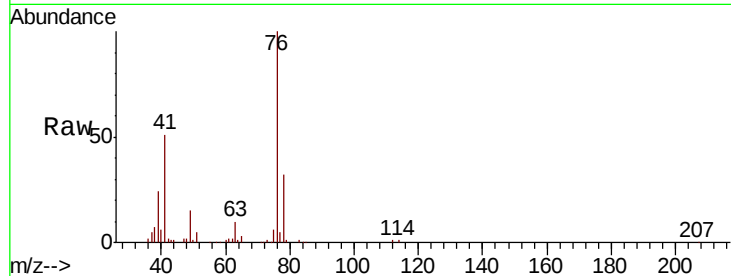




#57
 1,3-Dichloropropane
 Concen: 20.497 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW015252.D
 Acq: 21 Apr 2020 10:55

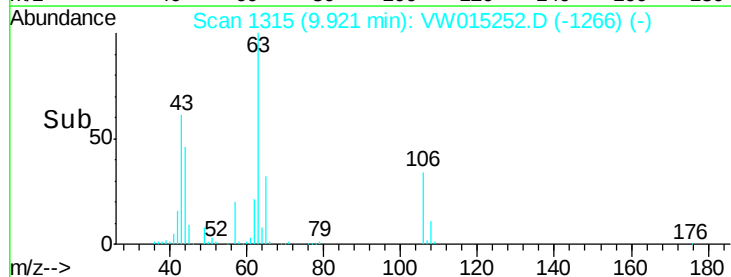
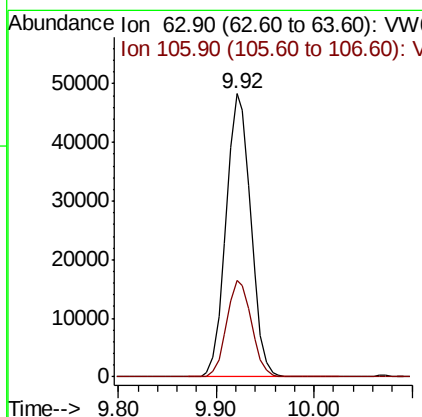
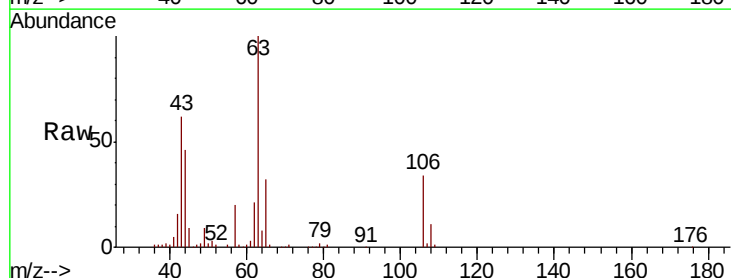
Instrument :
 MSVOA_W
 ClientSampleId :

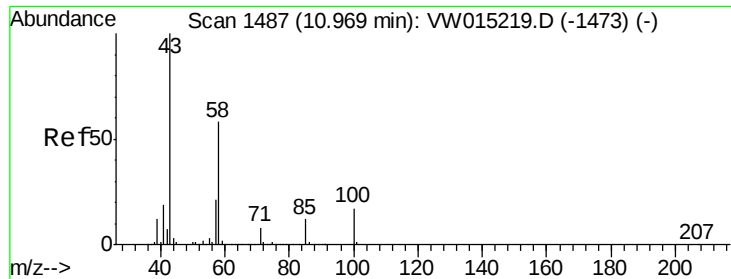
Tot Ion: 76 Resp: 48271
 Ion Ratio Lower Upper
 76 100
 78 32.4 26.2 39.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 99.887 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW015252.D
 Acq: 21 Apr 2020 10:55

Tgt Ion: 63 Resp: 84816
 Ion Ratio Lower Upper
 63 100
 106 34.1 22.6 33.8#

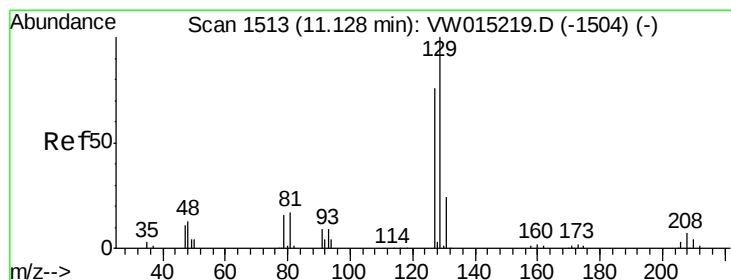
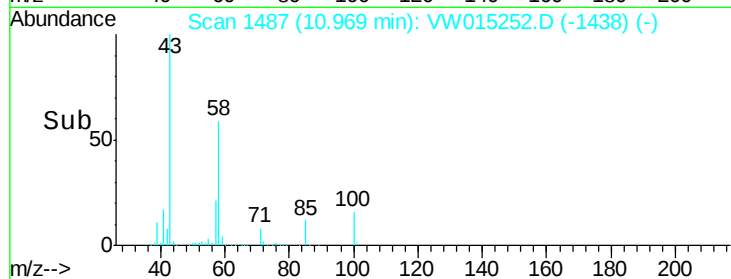
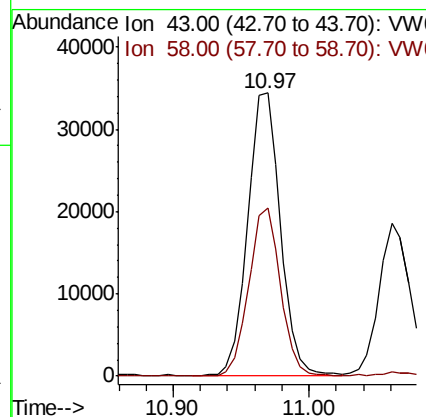
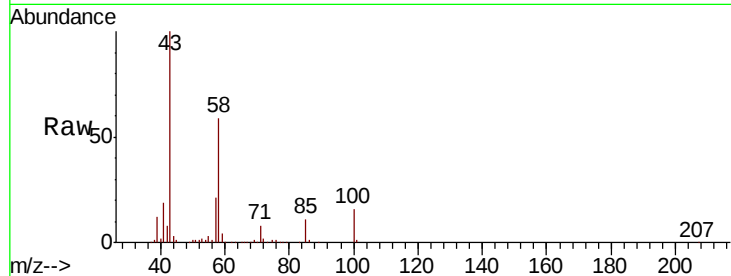




#59
2-Hexanone
Concen: 90.534 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW015252.D
Acq: 21 Apr 2020 10:55

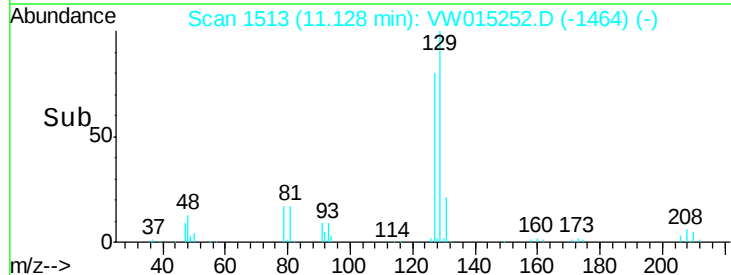
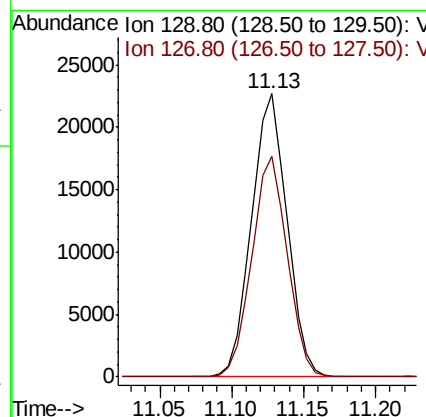
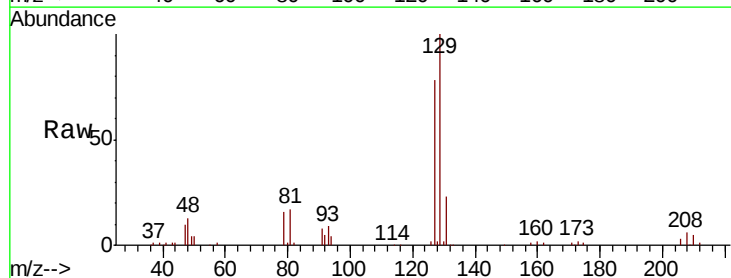
Instrument :
MSVOA_W
ClientSampleId :

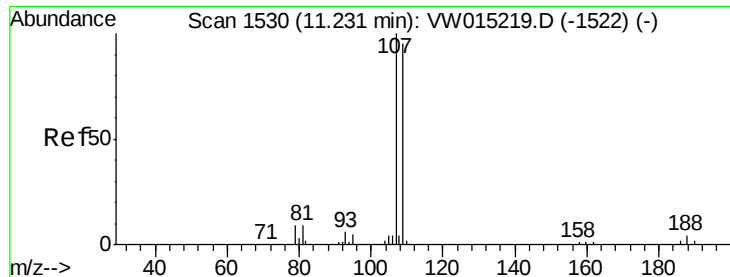
Tot Ion: 43 Resp: 58346
Ion Ratio Lower Upper
43 100
58 57.5 28.1 84.3



#60
Dibromochloromethane
Concen: 20.546 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW015252.D
Acq: 21 Apr 2020 10:55

Tgt Ion: 129 Resp: 38568
Ion Ratio Lower Upper
129 100
127 77.8 38.3 114.8

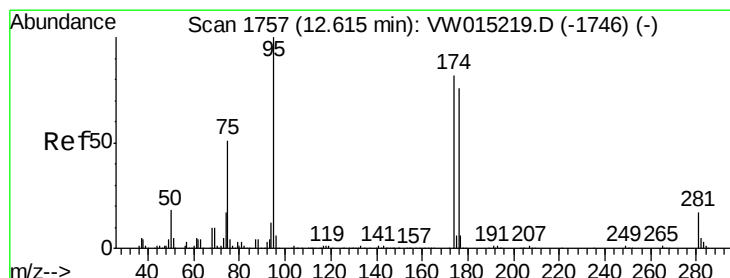
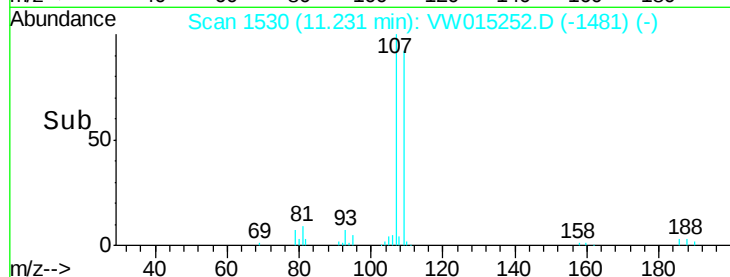
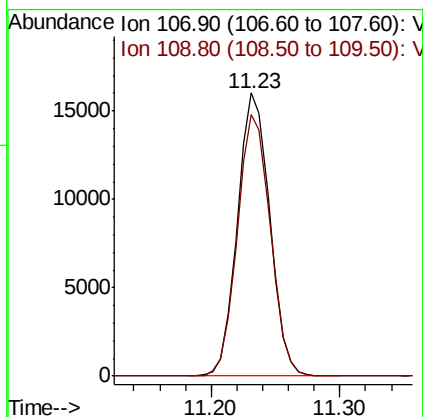
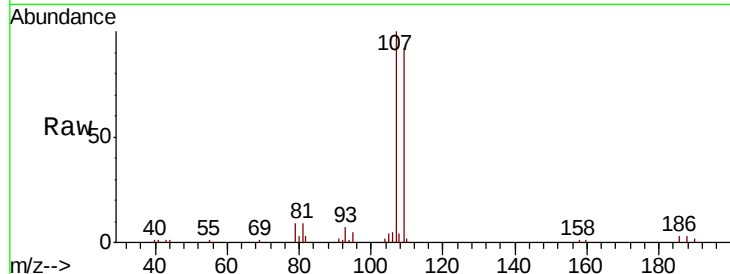




#61
 1,2-Dibromoethane
 Concen: 20.016 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VW015252.D
 Acq: 21 Apr 2020 10:55

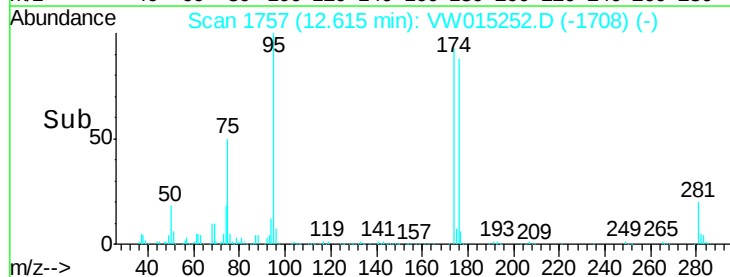
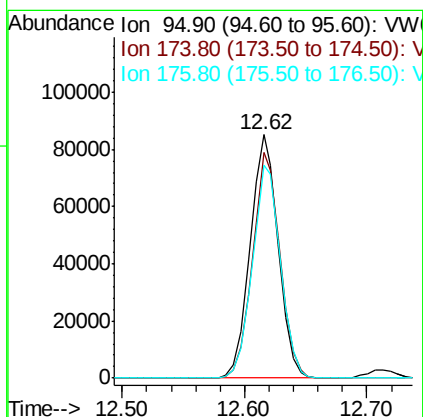
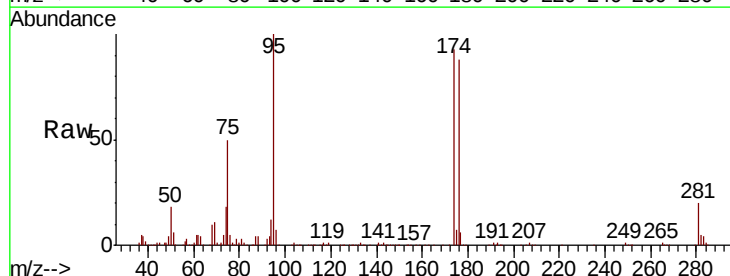
Instrument :
 MSVOA_W
 ClientSampleId :

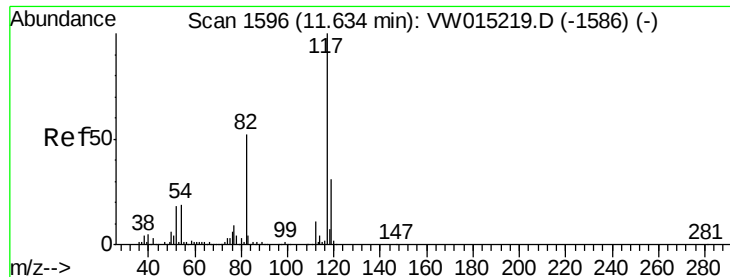
Tot Ion: 107 Resp: 27768
 Ion Ratio Lower Upper
 107 100
 109 94.1 74.3 111.5



#62
 4-Bromofluorobenzene
 Concen: 48.487 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VW015252.D
 Acq: 21 Apr 2020 10:55

Tgt Ion: 95 Resp: 134950
 Ion Ratio Lower Upper
 95 100
 174 91.3 0.0 144.4
 176 88.4 0.0 140.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.01 min

Lab File: VW015252.D

Acq: 21 Apr 2020 10:55

Instrument :

MSVOA_W

ClientSampleId :

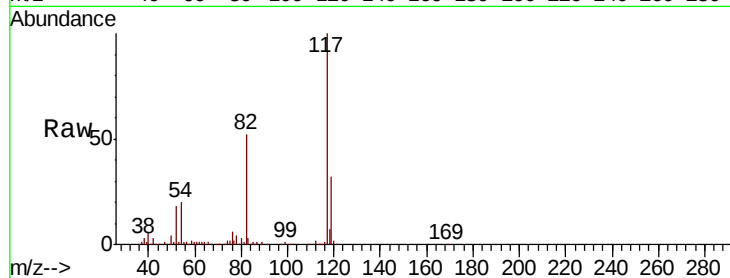
Tot Ion:117 Resp: 287685

Ion Ratio Lower Upper

117 100

82 52.4 44.1 66.1

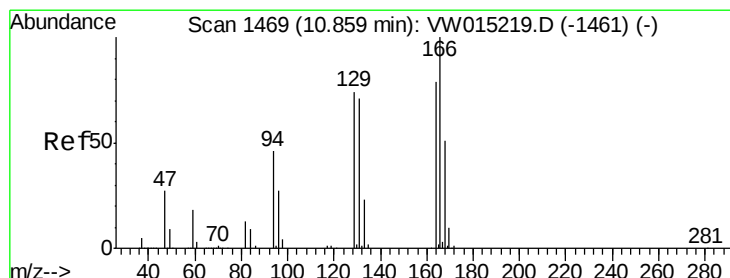
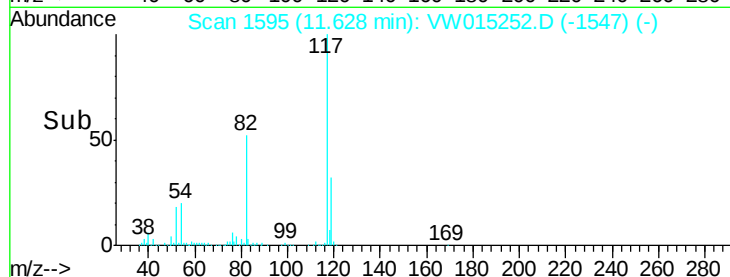
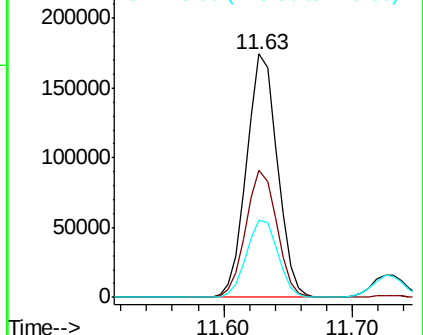
119 31.6 24.9 37.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 21.181 ug/l

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW015252.D

Acq: 21 Apr 2020 10:55

Tgt Ion:164 Resp: 43489

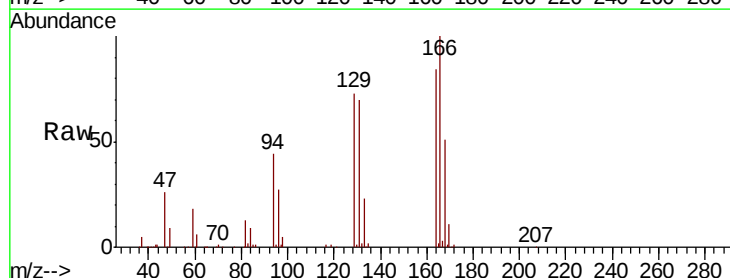
Ion Ratio Lower Upper

164 100

166 118.6 102.6 154.0

129 86.7 80.2 120.2

131 83.1 77.4 116.2

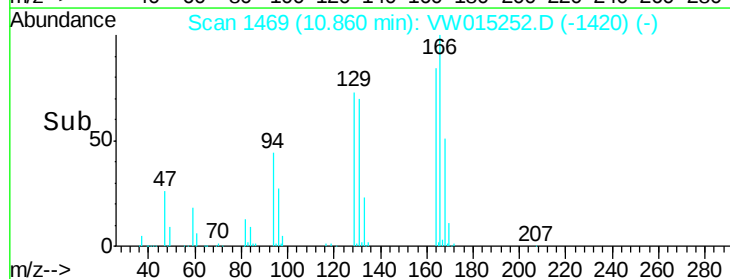
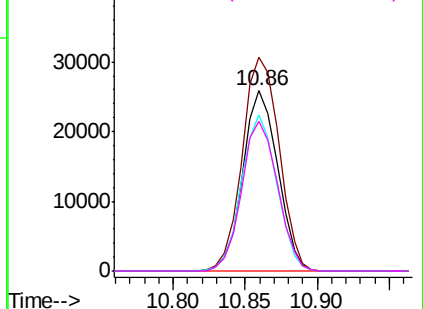


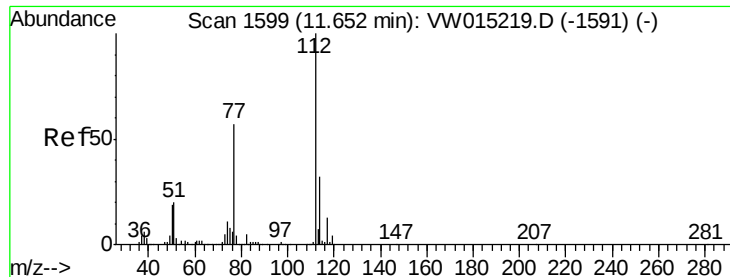
Abundance Ion 163.80 (163.50 to 164.50): V

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

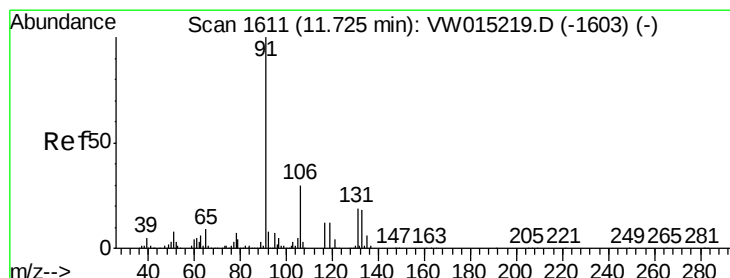
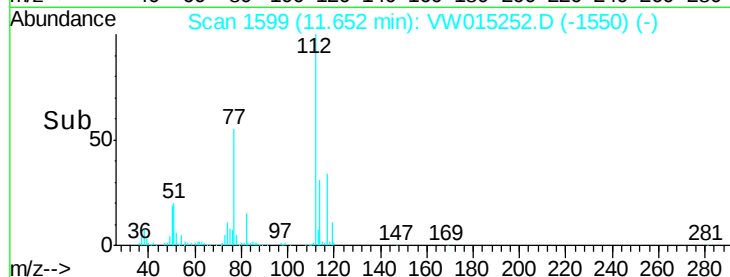
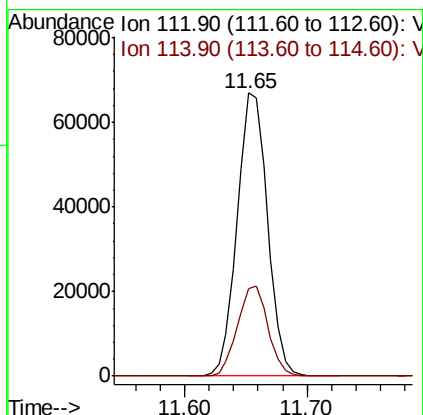
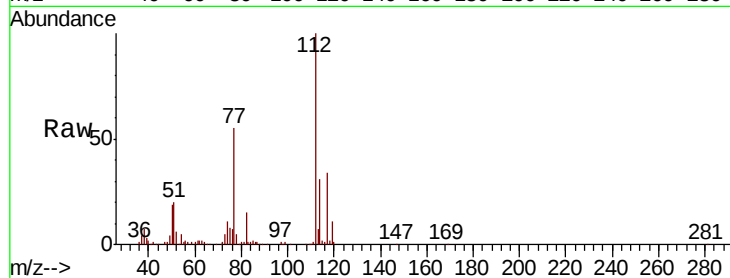




#65
Chlorobenzene
Concen: 20.369 ug/l
RT: 11.65 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VW015252.D
Acq: 21 Apr 2020 10:55

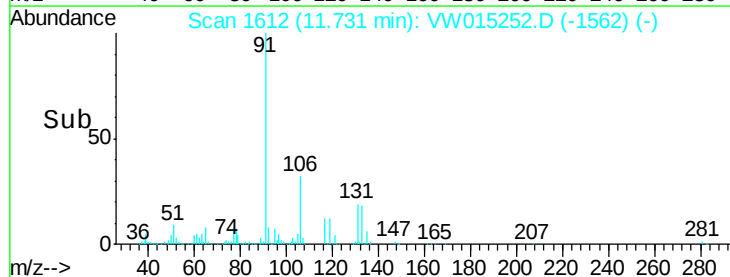
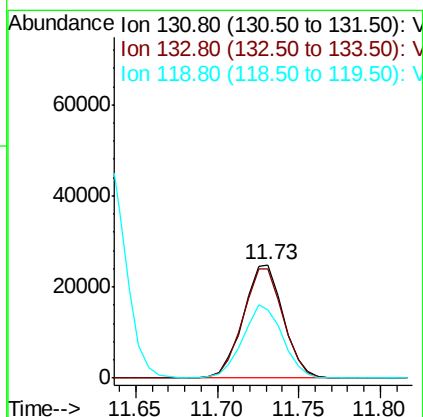
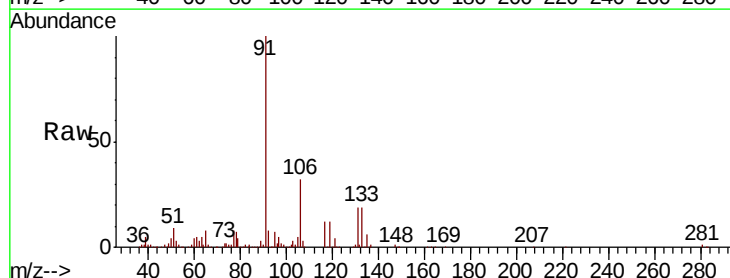
Instrument :
MSVOA_W
ClientSampleId :

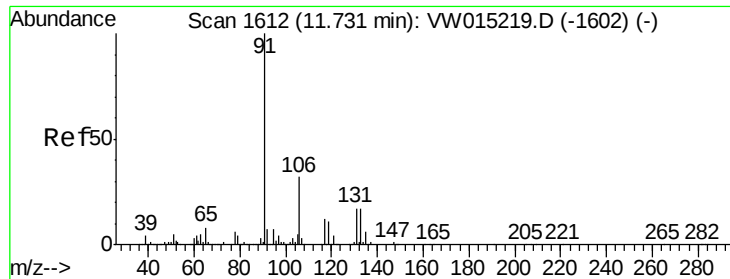
Tot Ion:112 Resp: 114984
Ion Ratio Lower Upper
112 100
114 30.7 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.972 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.01 min
Lab File: VW015252.D
Acq: 21 Apr 2020 10:55

Tgt Ion:131 Resp: 42551
Ion Ratio Lower Upper
131 100
133 97.6 47.7 143.1
119 64.2 34.0 101.8

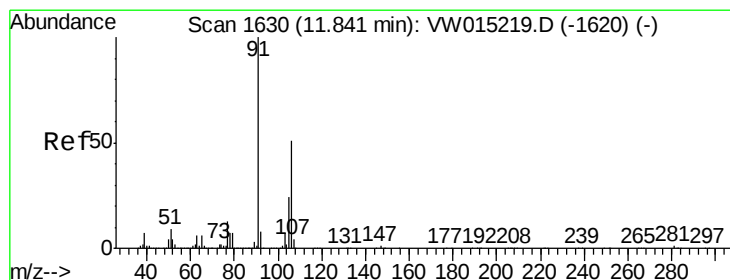
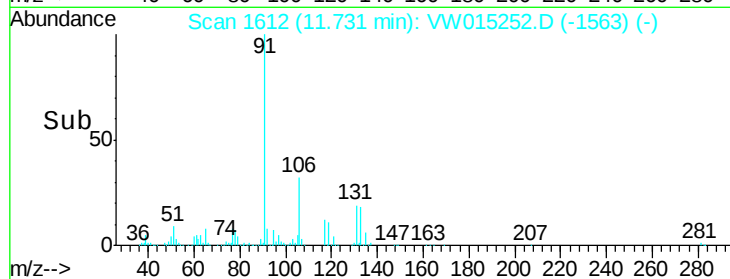
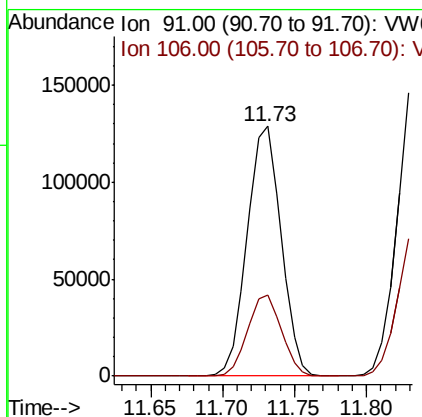
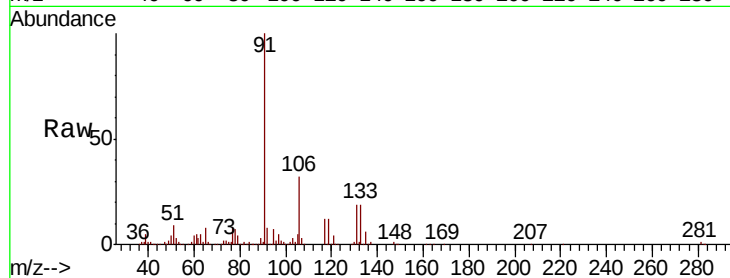




#67
Ethyl Benzene
Concen: 19.949 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015252.D
Acq: 21 Apr 2020 10:55

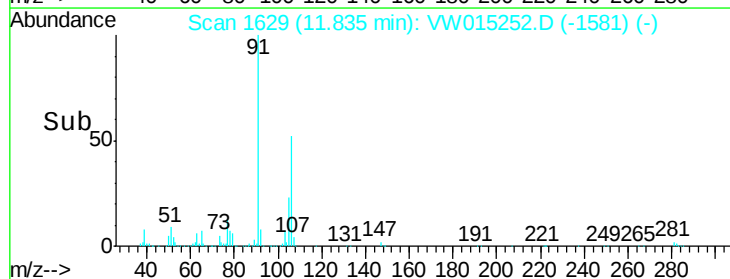
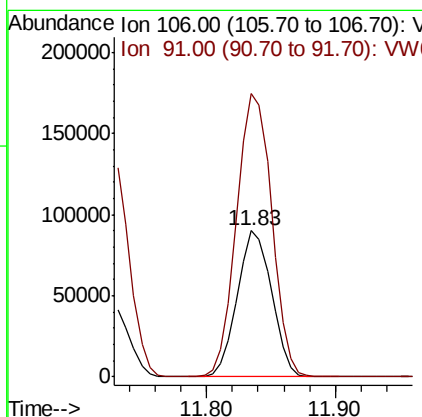
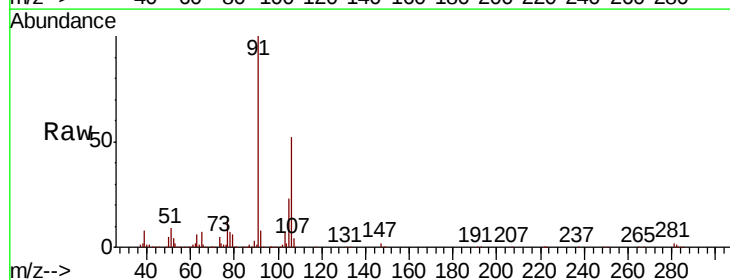
Instrument :
MSVOA_W
ClientSampleId :

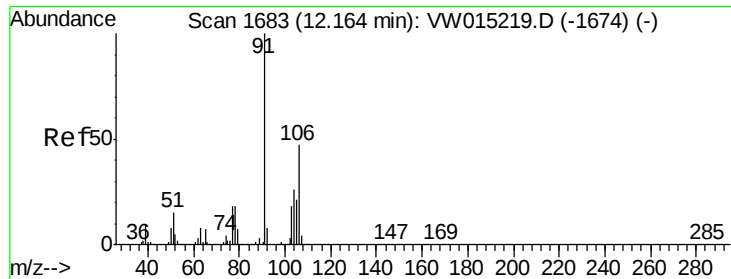
Tot Ion: 91 Resp: 210013
Ion Ratio Lower Upper
91 100
106 32.4 25.7 38.5



#68
m/p-Xylenes
Concen: 40.459 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW015252.D
Acq: 21 Apr 2020 10:55

Tgt Ion: 106 Resp: 166955
Ion Ratio Lower Upper
106 100
91 198.9 160.0 240.0

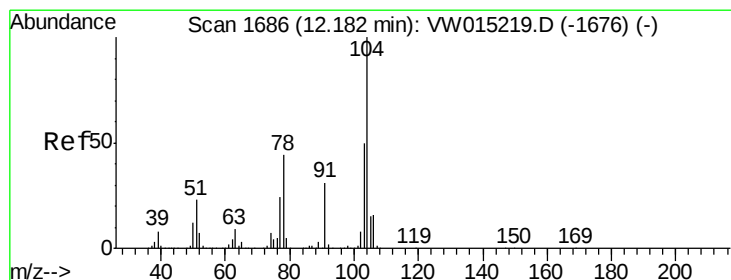
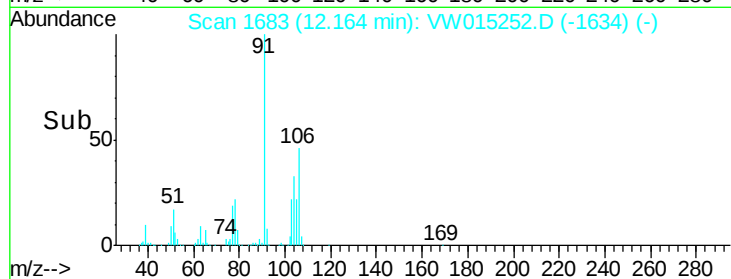
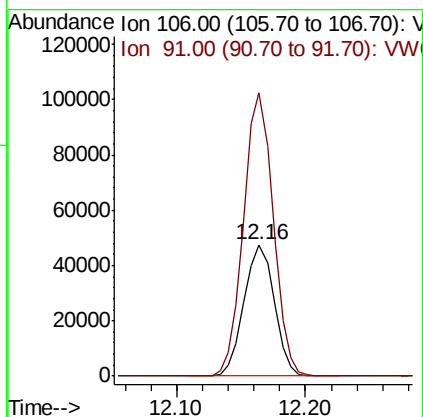
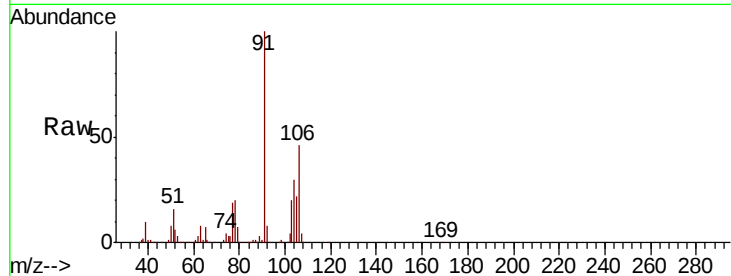




#69
o-Xylene
Concen: 20.064 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW015252.D
Acq: 21 Apr 2020 10:55

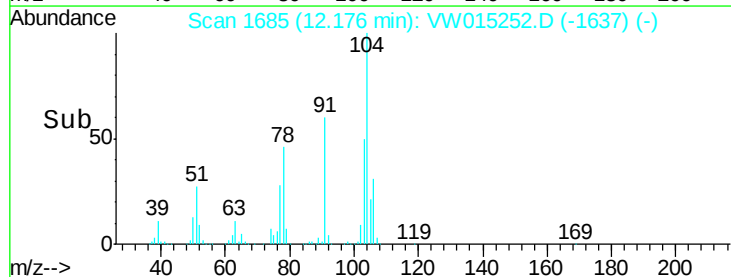
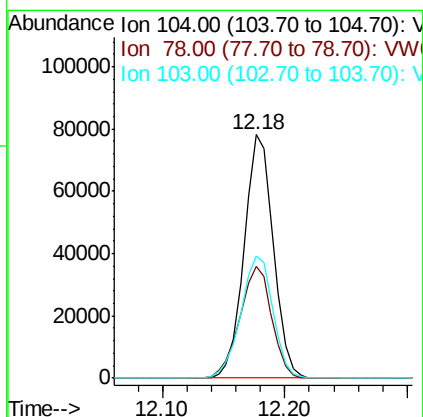
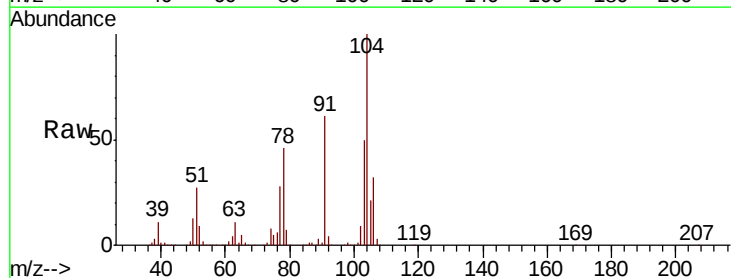
Instrument :
MSVOA_W
ClientSampled :

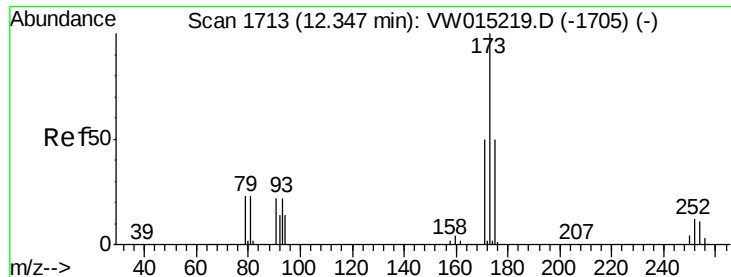
Tot Ion:106 Resp: 77279
Ion Ratio Lower Upper
106 100
91 211.2 105.7 317.1



#70
Styrene
Concen: 19.746 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VW015252.D
Acq: 21 Apr 2020 10:55

Tgt Ion:104 Resp: 129644
Ion Ratio Lower Upper
104 100
78 49.9 39.8 59.6
103 54.9 43.8 65.6





#71

Bromoform

Concen: 19.224 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW015252.D

Acq: 21 Apr 2020 10:55

Instrument :

MSVOA_W

ClientSampleId :

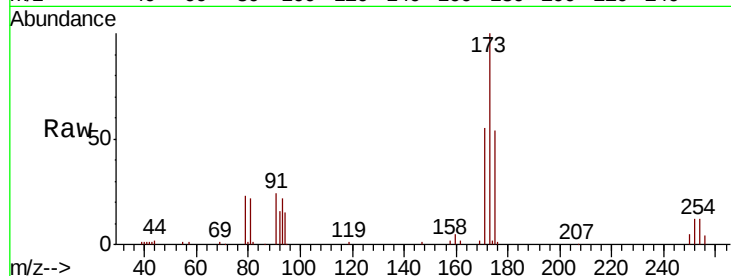
Tot Ion:173 Resp: 21978

Ion Ratio Lower Upper

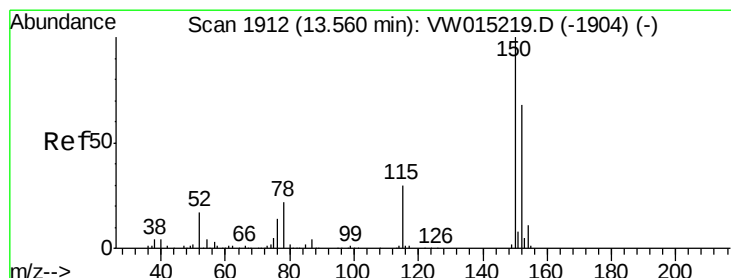
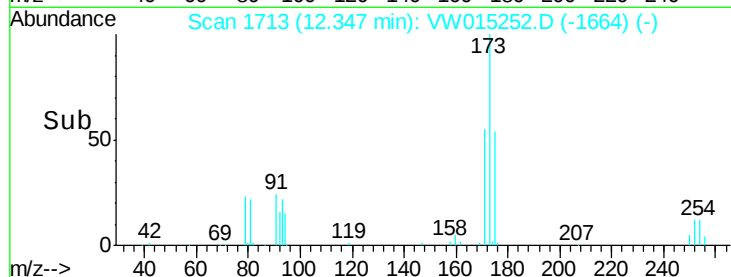
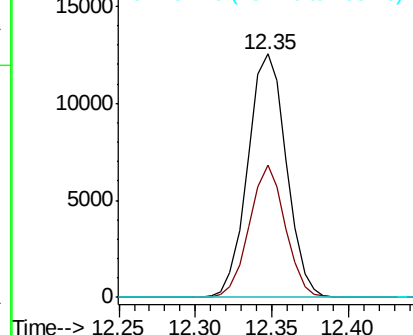
173 100

175 50.4 25.1 75.4

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.01 min

Lab File: VW015252.D

Acq: 21 Apr 2020 10:55

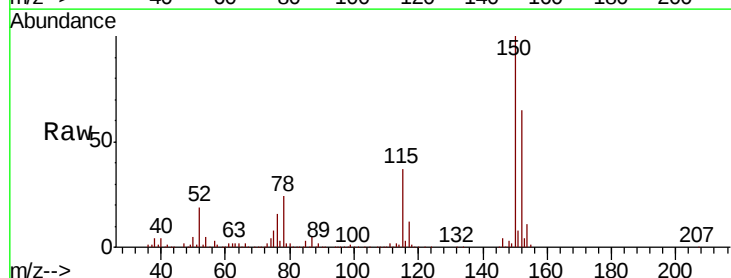
Tgt Ion:152 Resp: 155019

Ion Ratio Lower Upper

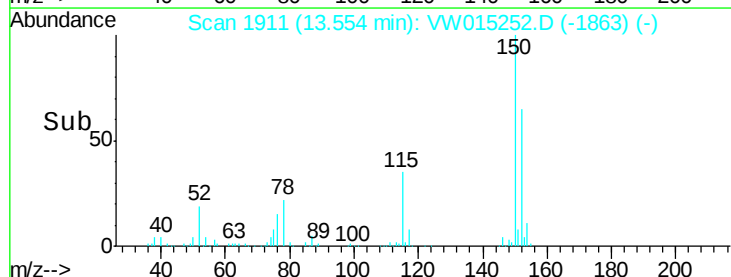
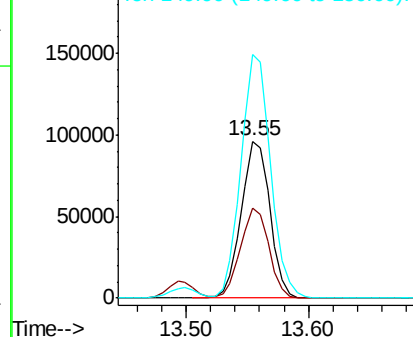
152 100

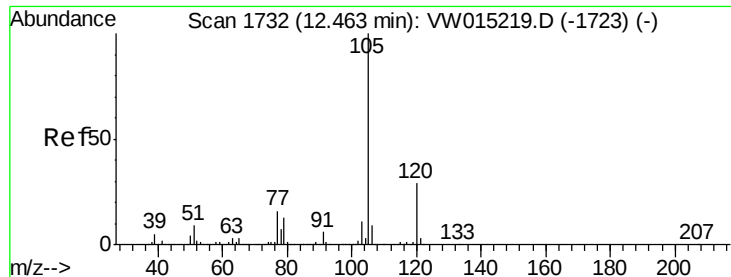
115 56.6 31.3 93.9

150 161.1 0.0 343.4



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

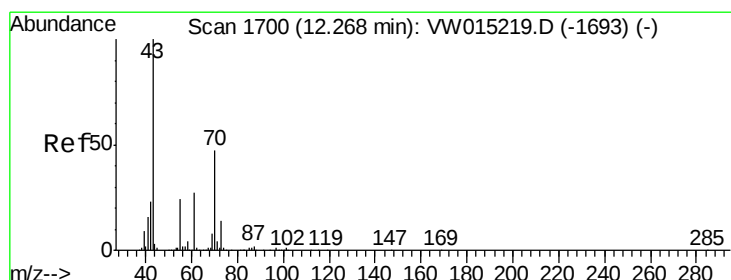
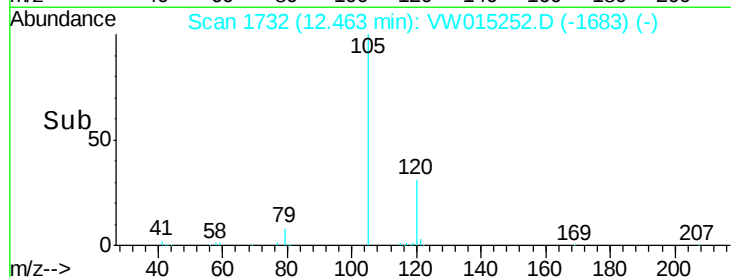
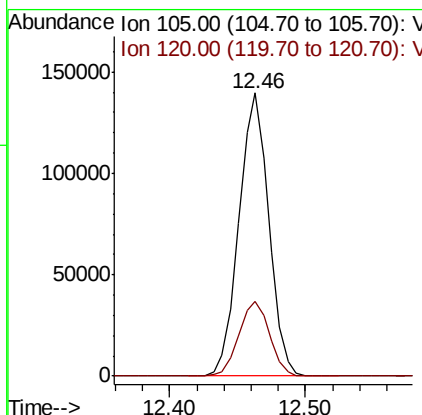
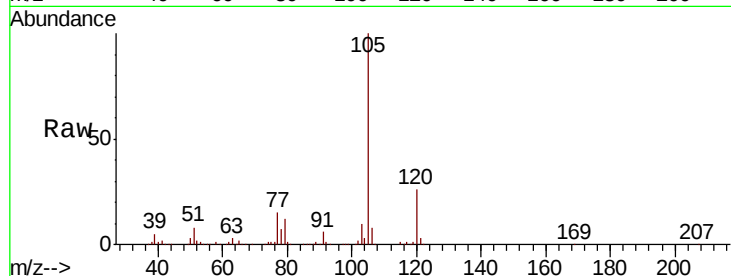




#73
Isopropylbenzene
Concen: 19.871 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VW015252.D
Acq: 21 Apr 2020 10:55

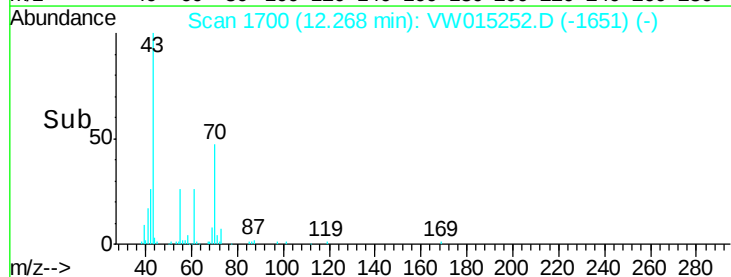
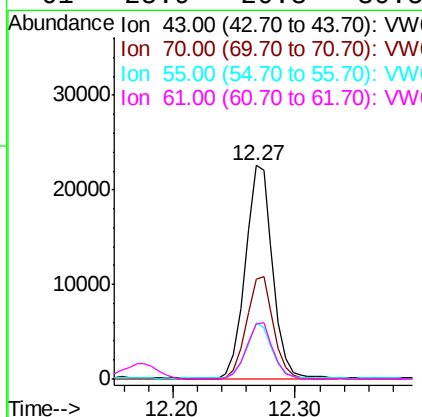
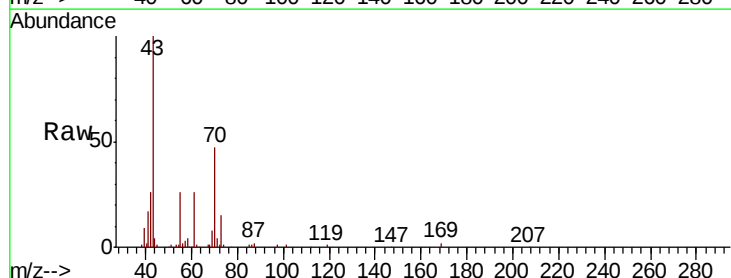
Instrument :
MSVOA_W
ClientSampleId :

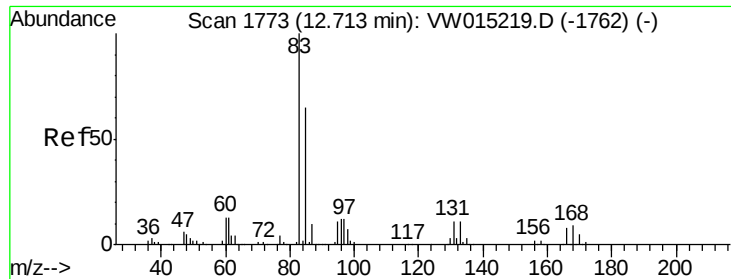
Tot Ion:105 Resp: 213574
Ion Ratio Lower Upper
105 100
120 26.9 13.7 41.1



#74
N-ethyl acetate
Concen: 18.516 ug/l
RT: 12.27 min Scan# 1700
Delta R.T. 0.00 min
Lab File: VW015252.D
Acq: 21 Apr 2020 10:55

Tgt Ion: 43 Resp: 34622
Ion Ratio Lower Upper
43 100
70 48.1 35.4 53.2
55 24.5 18.5 27.7
61 25.9 20.3 30.5





#75

1,1,2,2-Tetrachloroethane

Concen: 19.042 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW015252.D

Acq: 21 Apr 2020 10:55

Instrument :

MSVOA_W

ClientSampled :

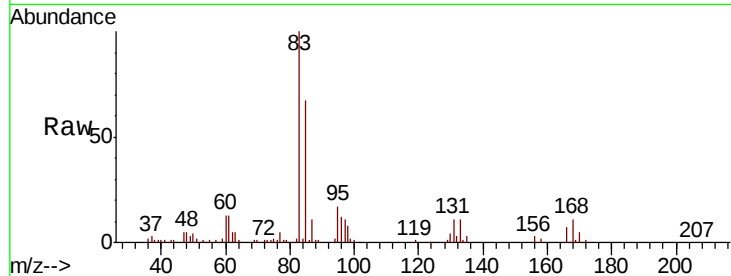
Tot Ion: 83 Resp: 29059

Ion Ratio Lower Upper

83 100

131 12.1 5.1 15.2

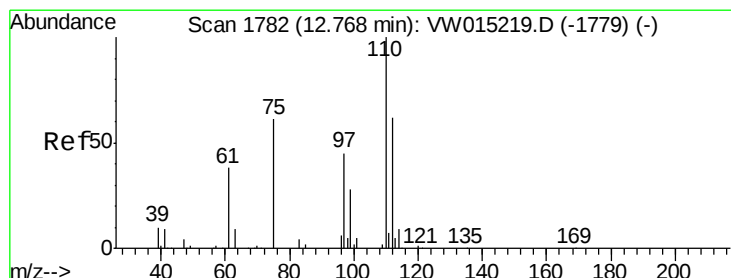
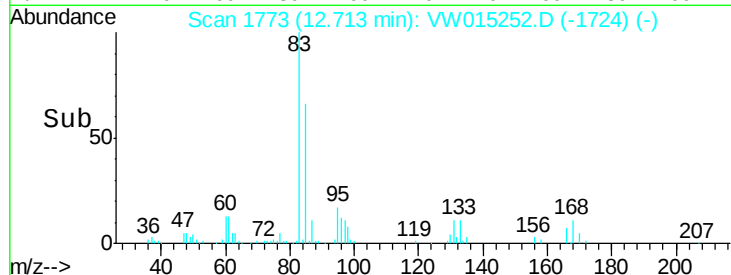
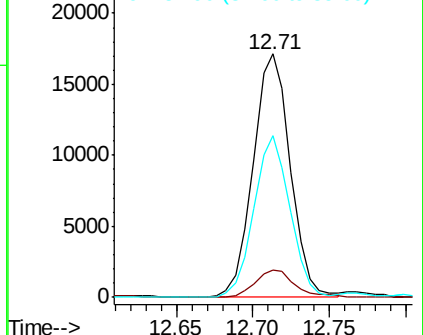
85 64.4 32.3 96.8



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: 33.296 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW015252.D

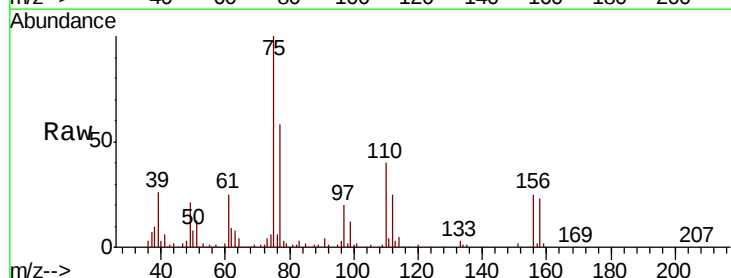
Acq: 21 Apr 2020 10:55

Tgt Ion: 75 Resp: 39930

Ion Ratio Lower Upper

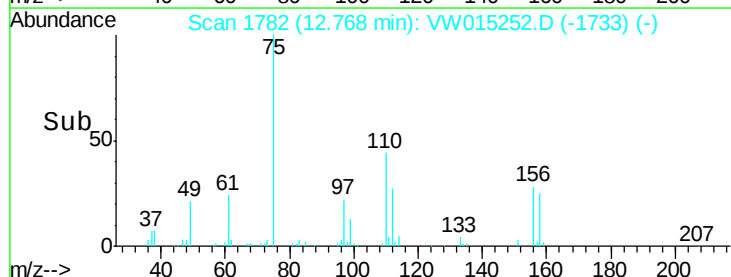
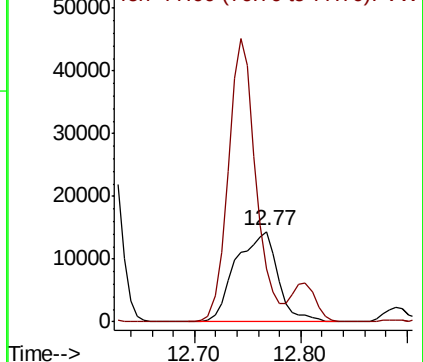
75 100

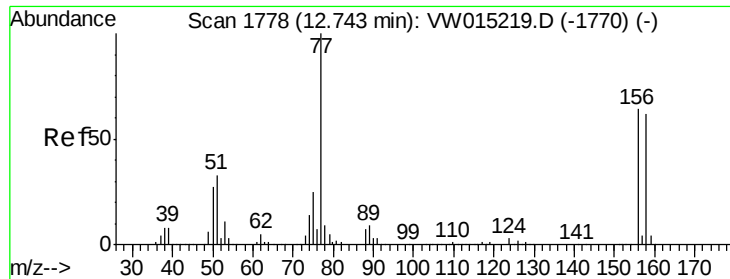
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 20.339 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VW015252.D

Acq: 21 Apr 2020 10:55

Instrument :

MSVOA_W

ClientSampled :

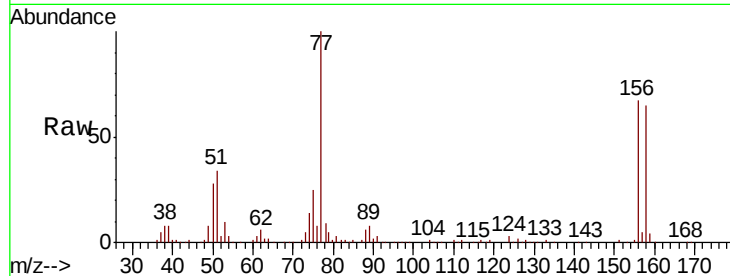
Tot Ion:156 Resp: 50225

Ion Ratio Lower Upper

156 100

77 164.5 100.5 301.5

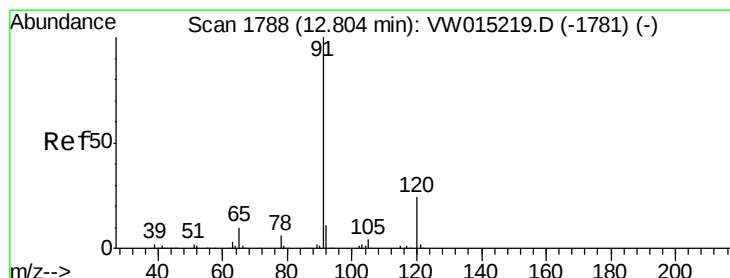
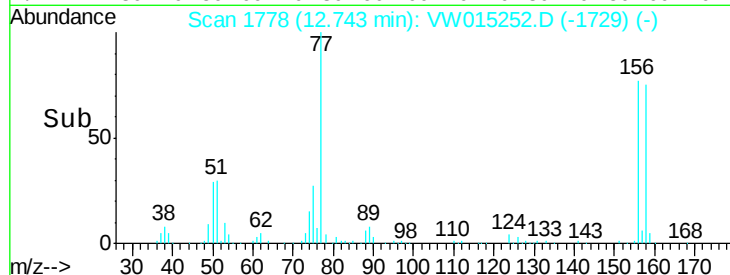
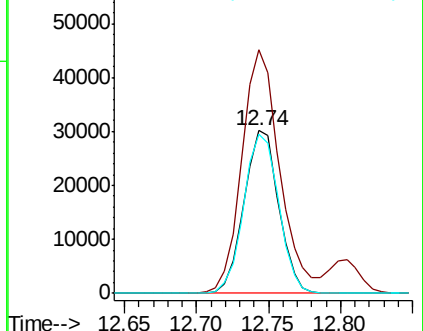
158 98.3 47.9 143.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.957 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW015252.D

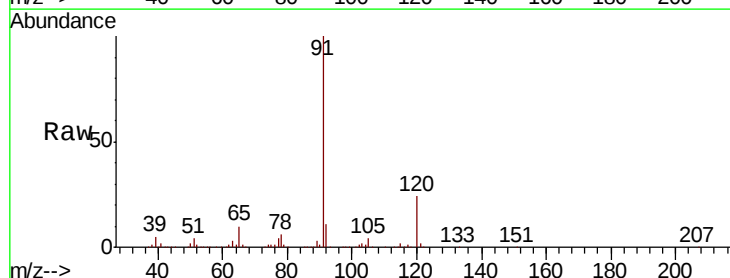
Acq: 21 Apr 2020 10:55

Tgt Ion: 91 Resp: 249753

Ion Ratio Lower Upper

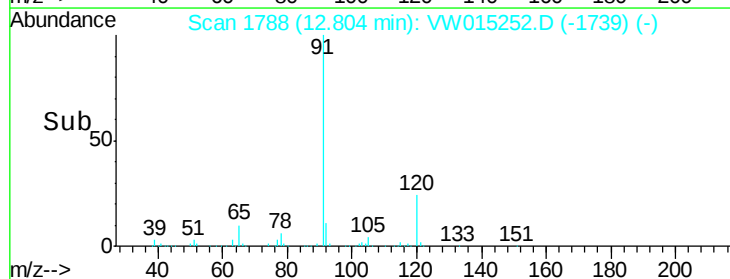
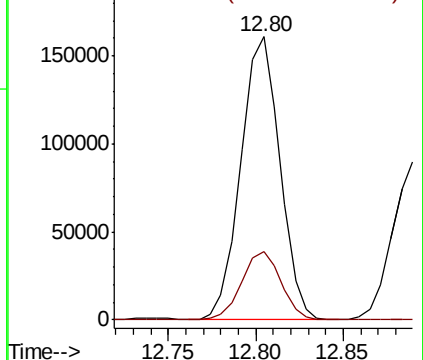
91 100

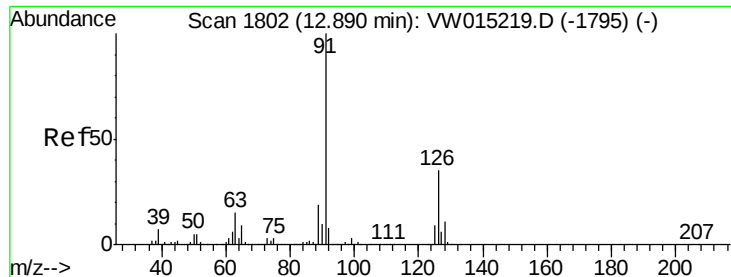
120 24.4 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.170 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW015252.D

Acq: 21 Apr 2020 10:55

Instrument :

MSVOA_W

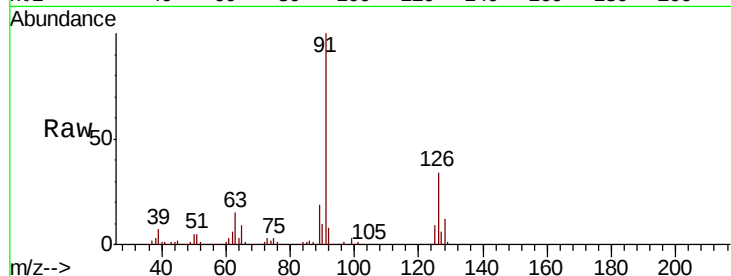
ClientSampleId :

Tot Ion: 91 Resp: 142250

Ion Ratio Lower Upper

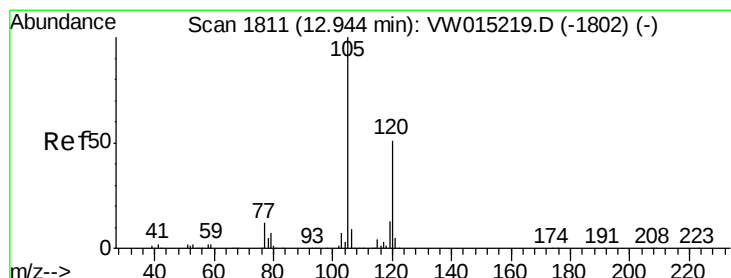
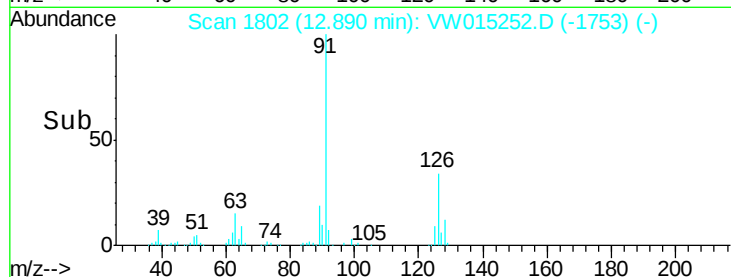
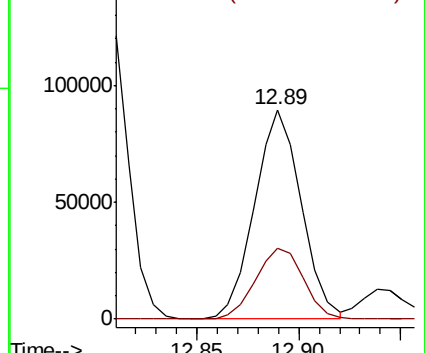
91 100

126 35.2 16.8 50.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.078 ug/l

RT: 12.94 min Scan# 1810

Delta R.T. -0.01 min

Lab File: VW015252.D

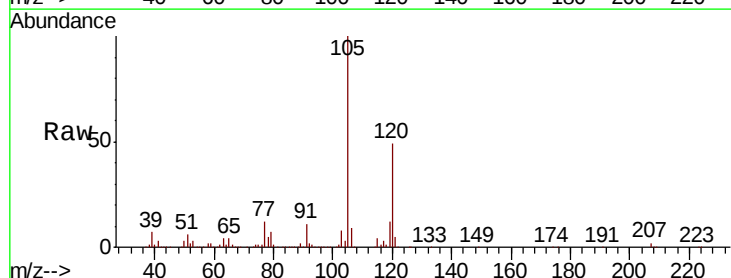
Acq: 21 Apr 2020 10:55

Tgt Ion:105 Resp: 185895

Ion Ratio Lower Upper

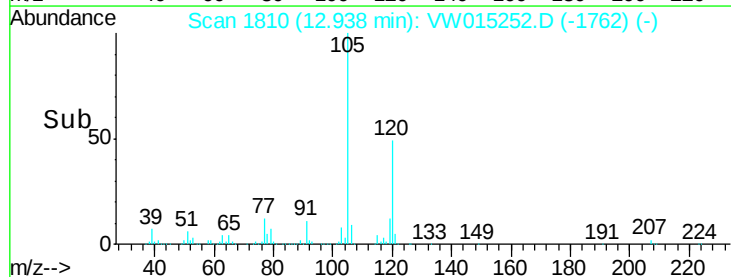
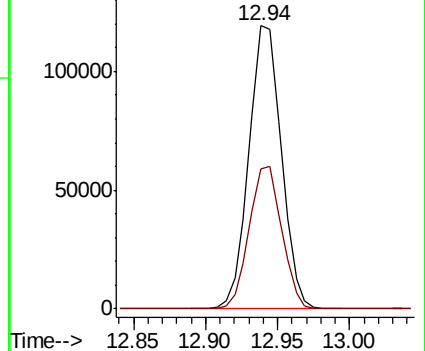
105 100

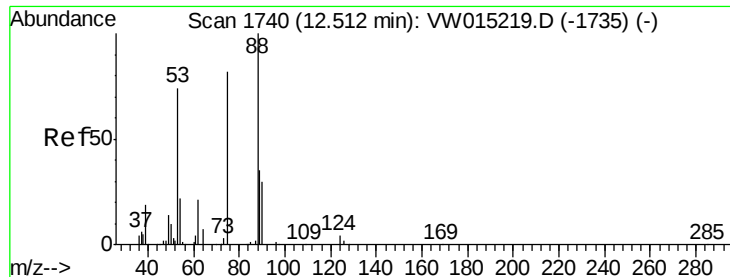
120 50.5 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 18.784 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW015252.D

Acq: 21 Apr 2020 10:55

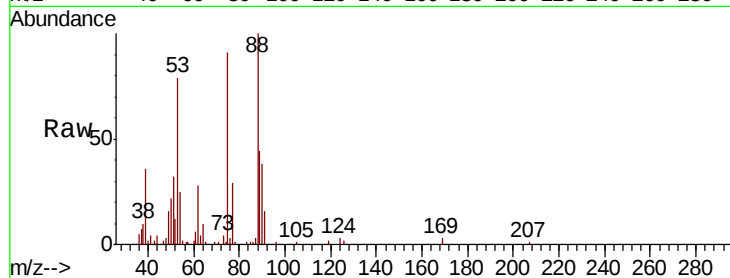
Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 10305

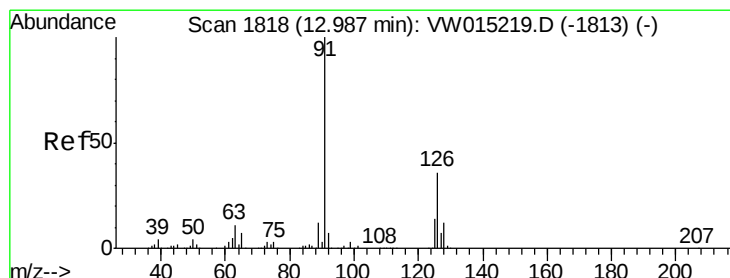
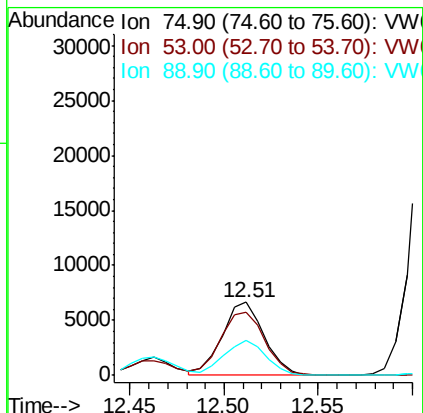
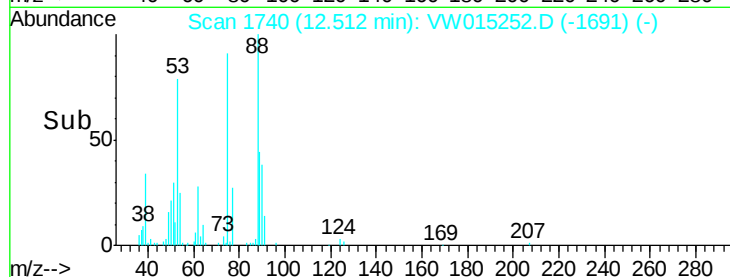
Ion	Ratio	Lower	Upper
75	100		
53	92.7	69.4	104.2
89	46.6	34.8	52.2



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 19.808 ug/l

RT: 12.99 min Scan# 1818

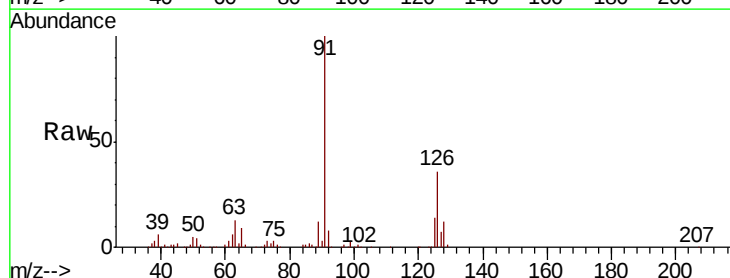
Delta R.T. 0.00 min

Lab File: VW015252.D

Acq: 21 Apr 2020 10:55

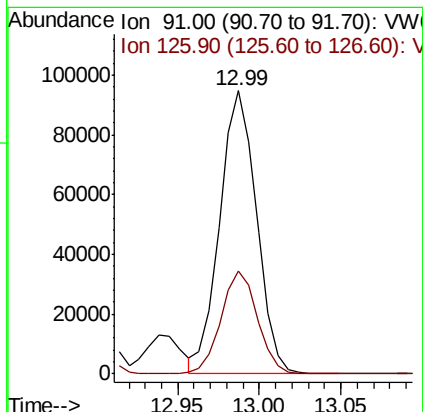
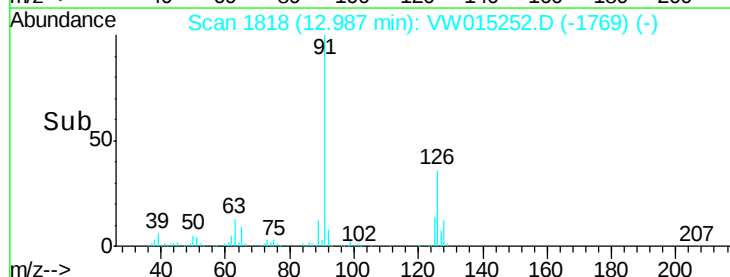
Tgt Ion: 91 Resp: 148319

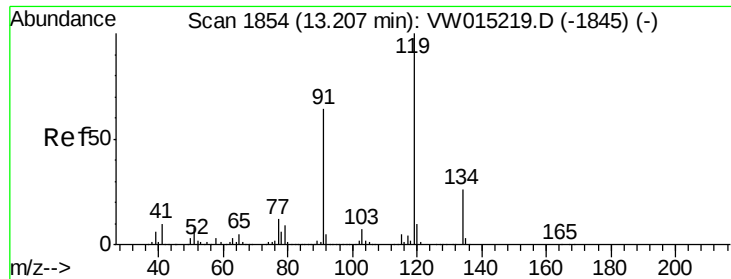
Ion	Ratio	Lower	Upper
91	100		
126	35.9	16.8	50.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

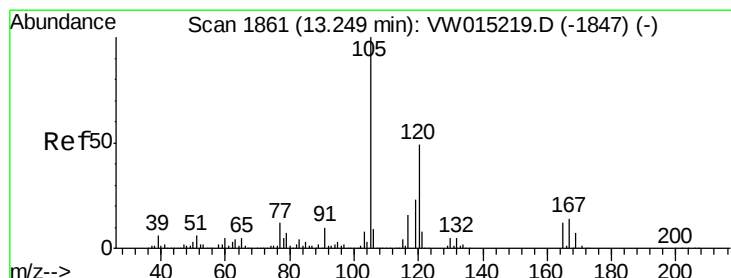
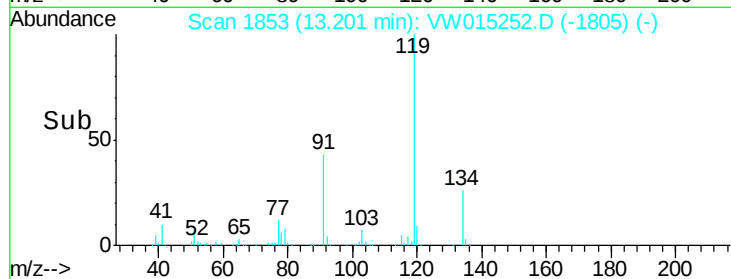
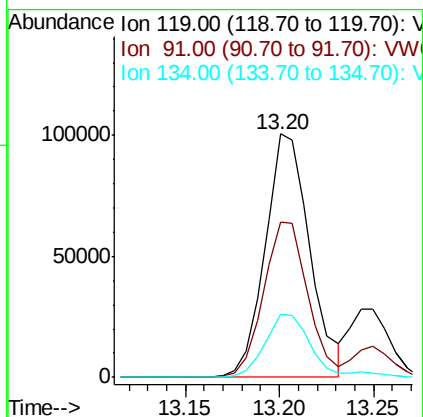
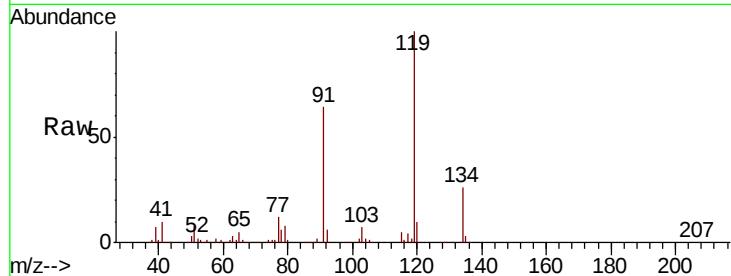




#83
tert-Butylbenzene
Concen: 20.366 ug/l
RT: 13.20 min Scan# 1853
Delta R.T. -0.01 min
Lab File: VW015252.D
Acq: 21 Apr 2020 10:55

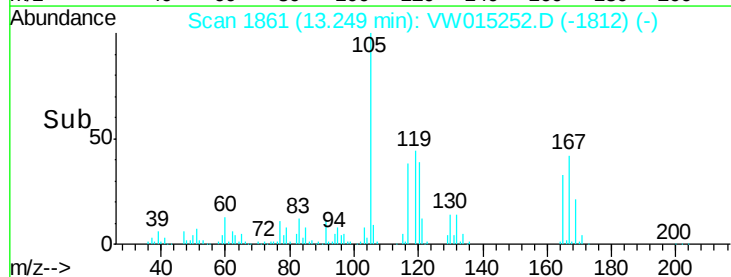
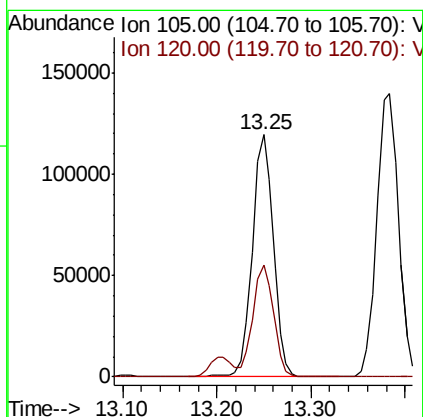
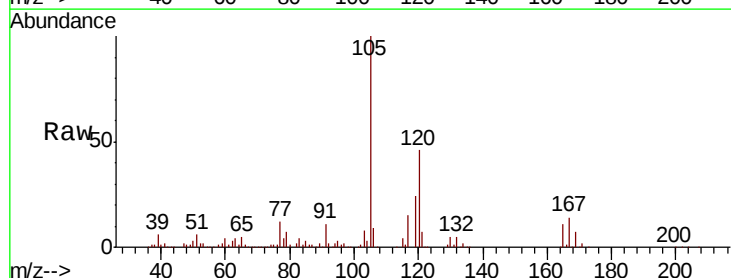
Instrument :
MSVOA_W
ClientSampleId :

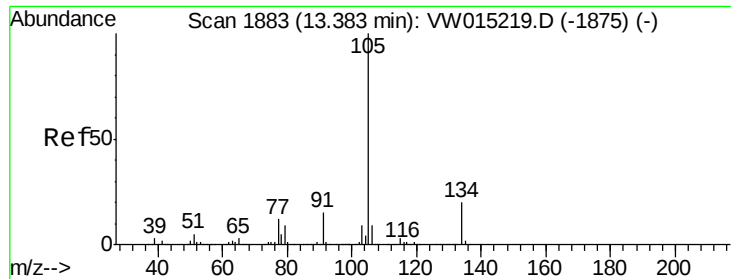
Tot Ion:119 Resp: 164808
Ion Ratio Lower Upper
119 100
91 63.3 32.8 98.3
134 26.0 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 20.320 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW015252.D
Acq: 21 Apr 2020 10:55

Tgt Ion:105 Resp: 185561
Ion Ratio Lower Upper
105 100
120 46.0 23.0 69.0





#85

sec-Butylbenzene

Concen: 19.992 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW015252.D

Acq: 21 Apr 2020 10:55

Instrument :

MSVOA_W

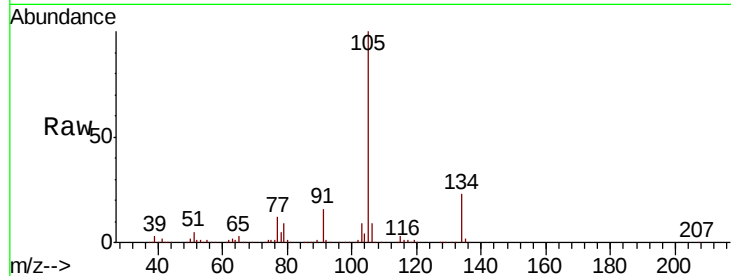
ClientSampleId :

Tot Ion:105 Resp: 223431

Ion Ratio Lower Upper

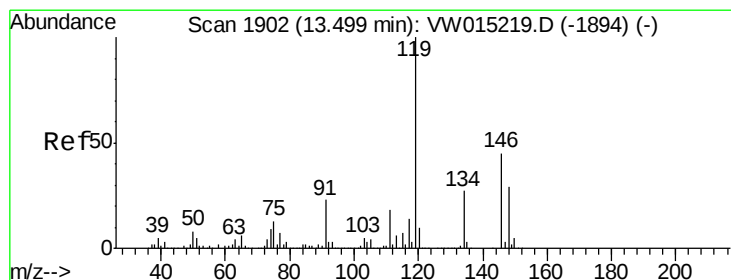
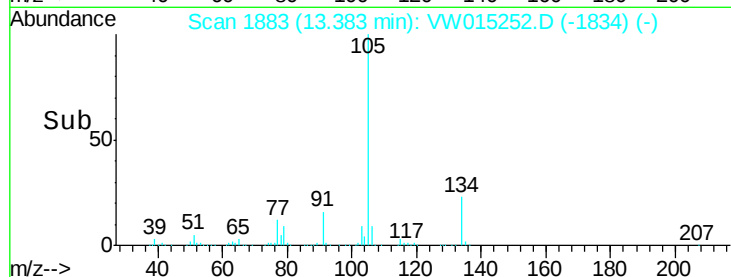
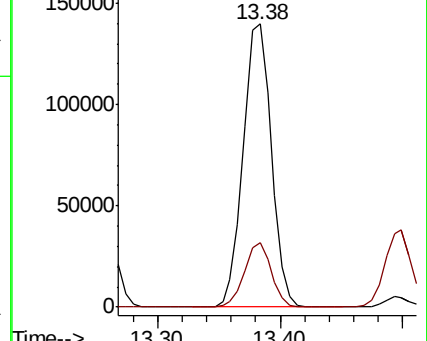
105 100

134 21.7 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: 20.177 ug/l

RT: 13.49 min Scan# 1901

Delta R.T. -0.01 min

Lab File: VW015252.D

Acq: 21 Apr 2020 10:55

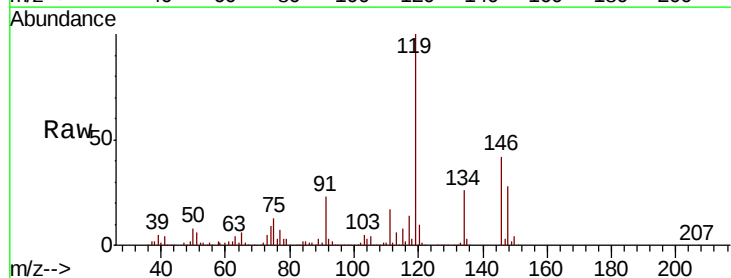
Tgt Ion:119 Resp: 209525

Ion Ratio Lower Upper

119 100

134 27.4 13.3 39.9

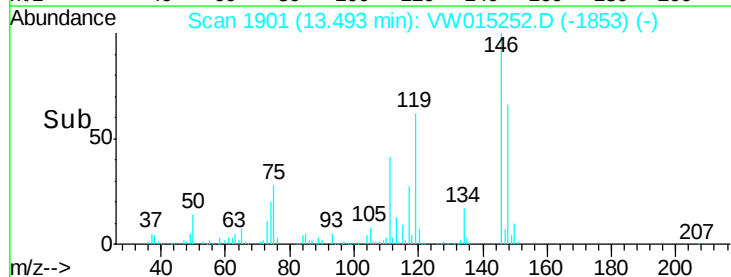
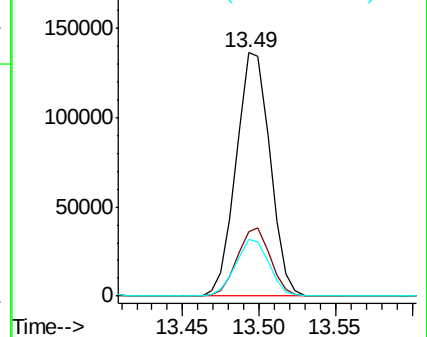
91 22.8 12.0 36.1

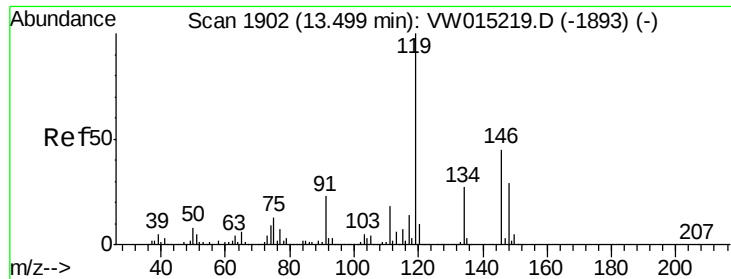


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

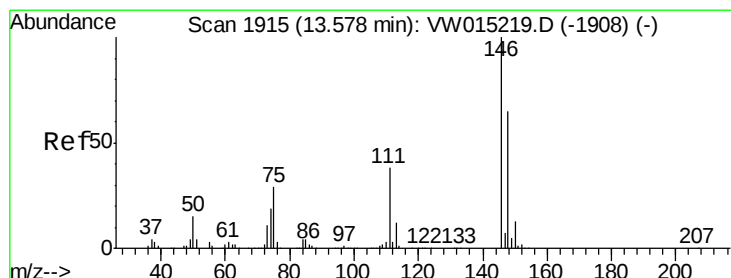
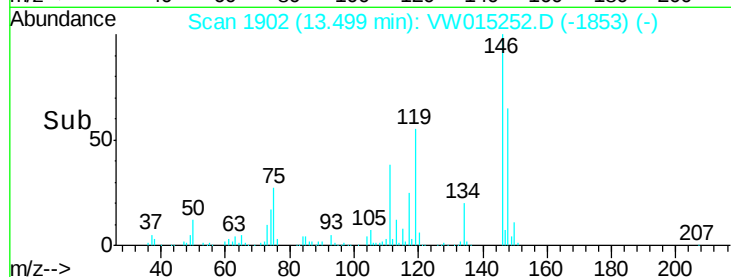
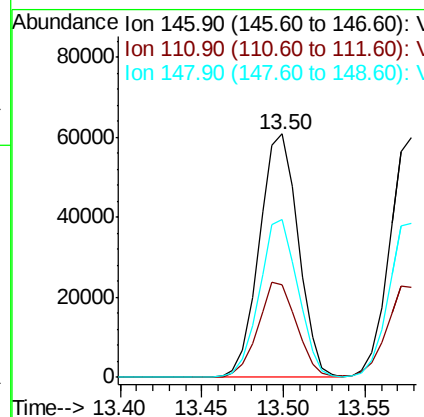
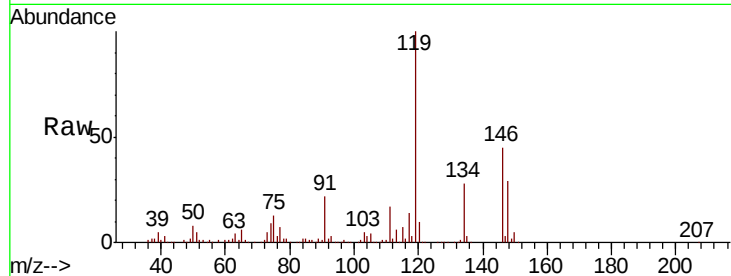




#87
 1,3-Dichlorobenzene
 Concen: 20.507 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW015252.D
 Acq: 21 Apr 2020 10:55

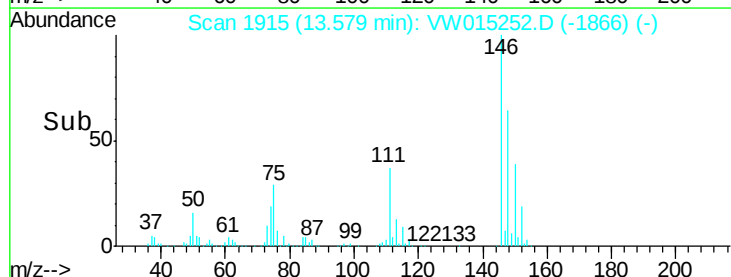
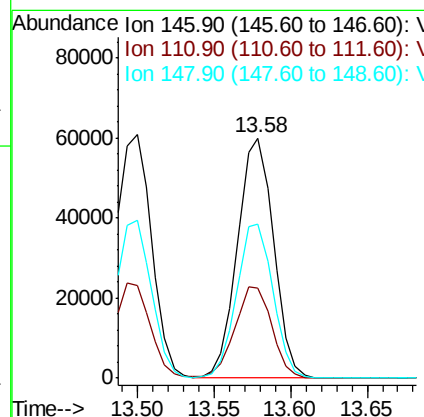
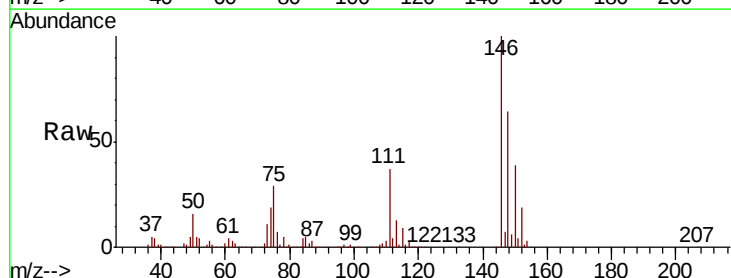
Instrument :
 MSVOA_W
 ClientSampled :

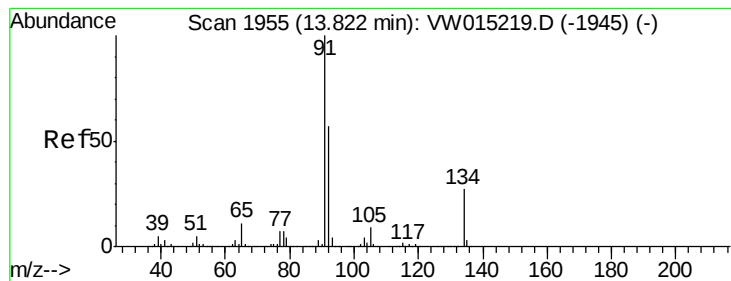
Tot Ion:146 Resp: 100616
 Ion Ratio Lower Upper
 146 100
 111 38.6 21.1 63.4
 148 64.5 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 20.446 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW015252.D
 Acq: 21 Apr 2020 10:55

Tgt Ion:146 Resp: 98336
 Ion Ratio Lower Upper
 146 100
 111 39.3 20.4 61.3
 148 64.7 31.5 94.5





#89

n-Butylbenzene

Concen: 19.773 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW015252.D

Acq: 21 Apr 2020 10:55

Instrument :

MSVOA_W

ClientSampleId :

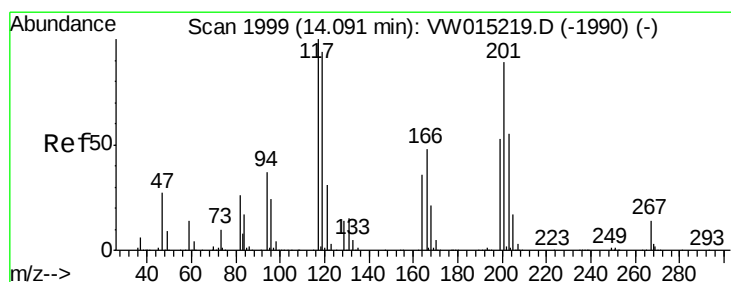
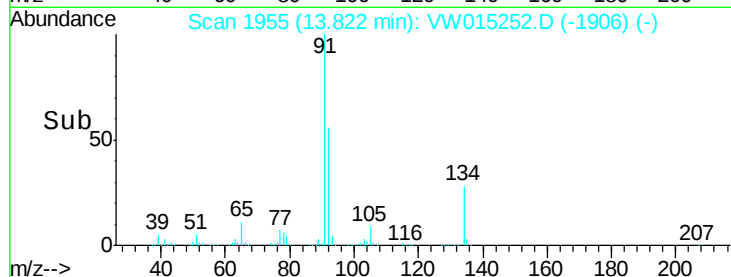
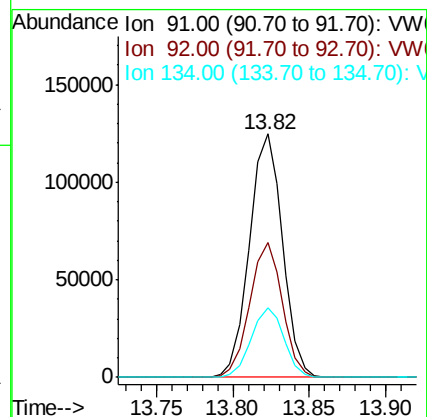
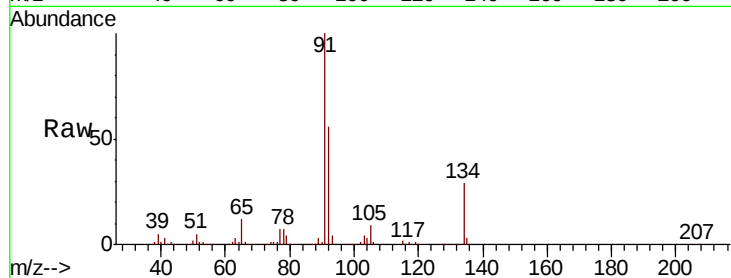
Tot Ion: 91 Resp: 187679

Ion Ratio Lower Upper

91 100

92 54.6 27.6 82.7

134 28.4 12.8 38.3



#90

Hexachloroethane

Concen: 20.505 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. 0.00 min

Lab File: VW015252.D

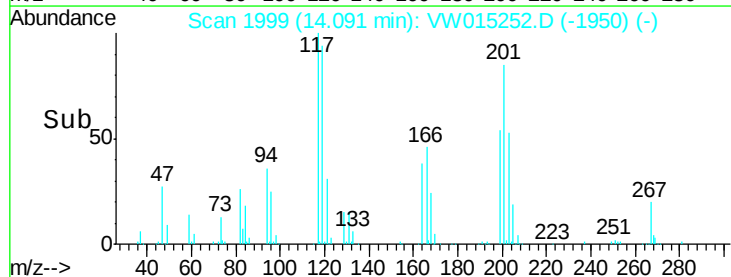
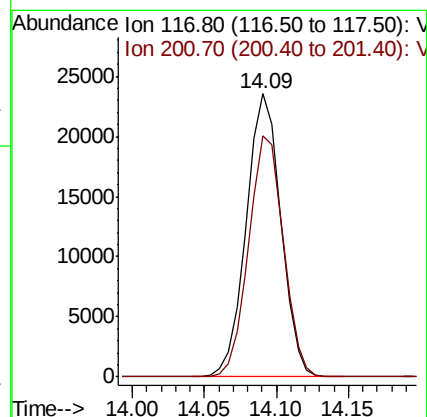
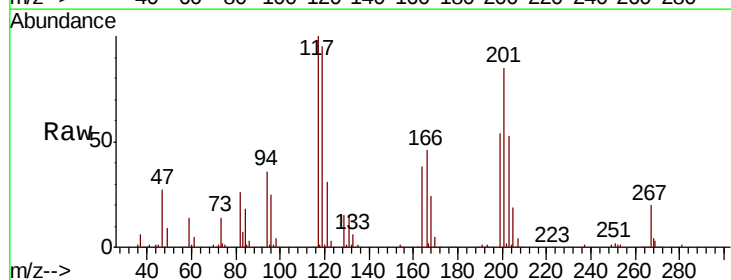
Acq: 21 Apr 2020 10:55

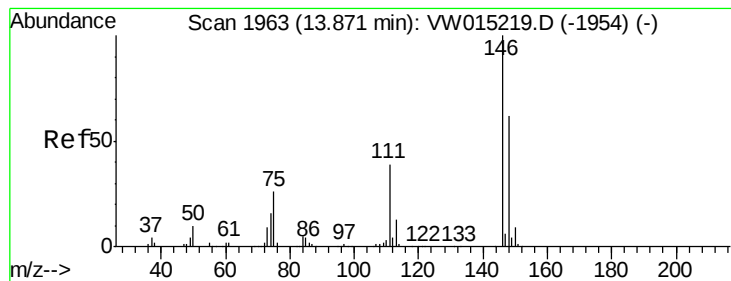
Tgt Ion: 117 Resp: 39050

Ion Ratio Lower Upper

117 100

201 85.3 33.6 100.6





#91

1,2-Dichlorobenzene

Concen: 20.365 ug/l

RT: 13.87 min Scan# 1962

Delta R.T. -0.01 min

Lab File: VW015252.D

Acq: 21 Apr 2020 10:55

Instrument :

MSVOA_W

ClientSampleId :

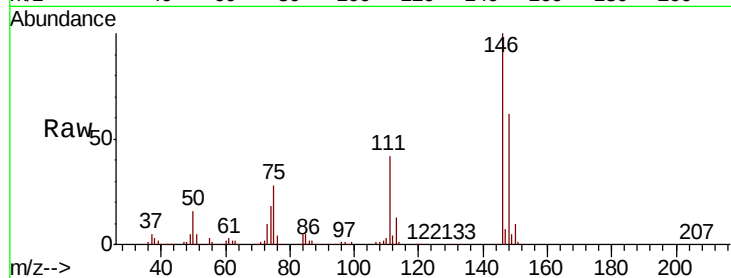
Tot Ion:146 Resp: 86829

Ion Ratio Lower Upper

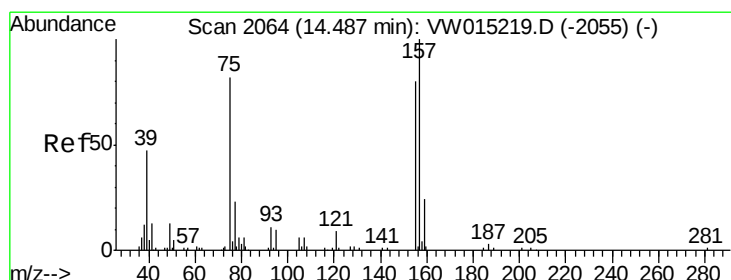
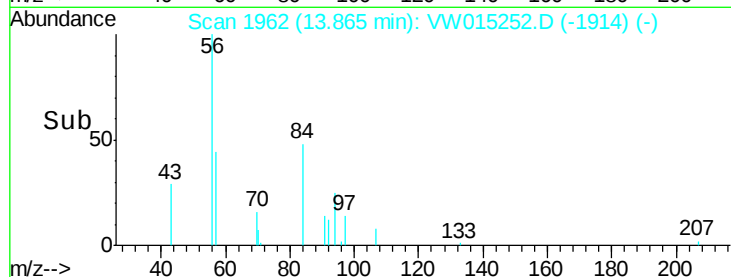
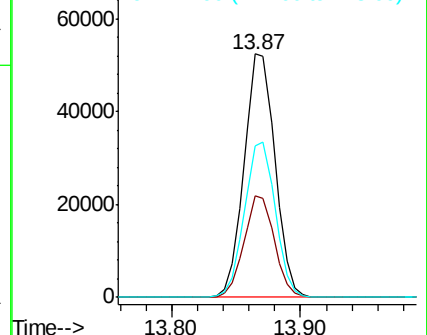
146 100

111 40.7 21.6 65.0

148 63.6 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: 17.233 ug/l

RT: 14.48 min Scan# 2063

Delta R.T. -0.01 min

Lab File: VW015252.D

Acq: 21 Apr 2020 10:55

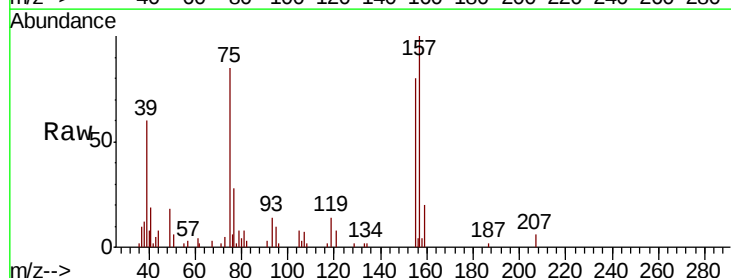
Tgt Ion: 75 Resp: 4759

Ion Ratio Lower Upper

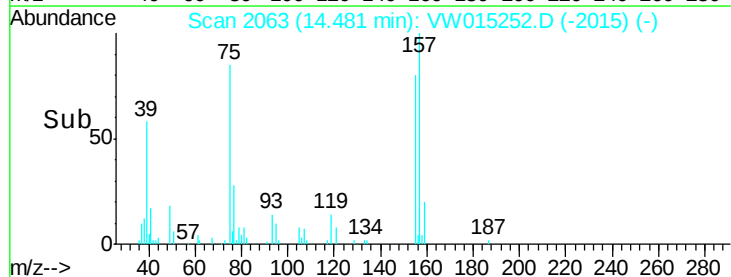
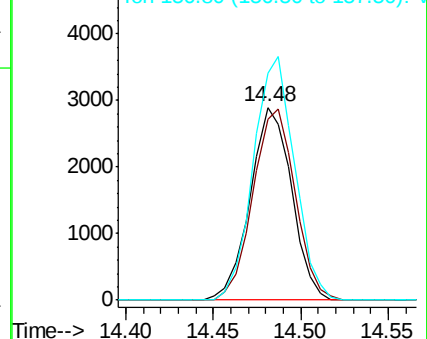
75 100

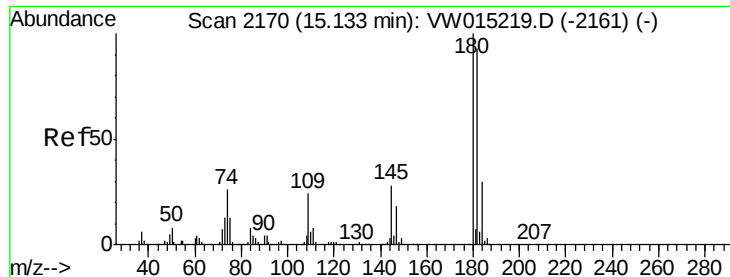
155 101.3 41.6 124.9

157 125.6 53.8 161.2



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

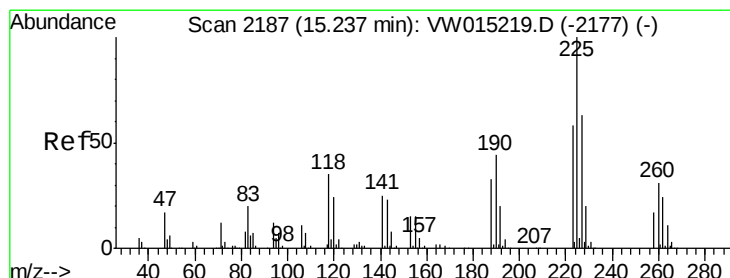
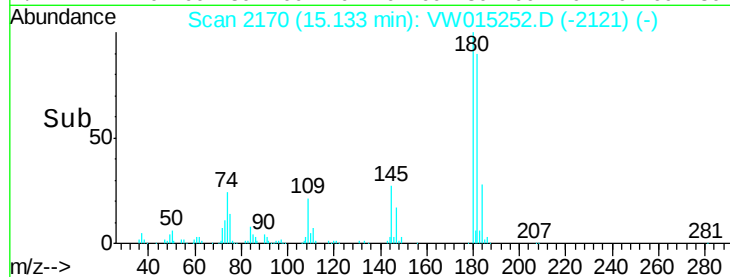
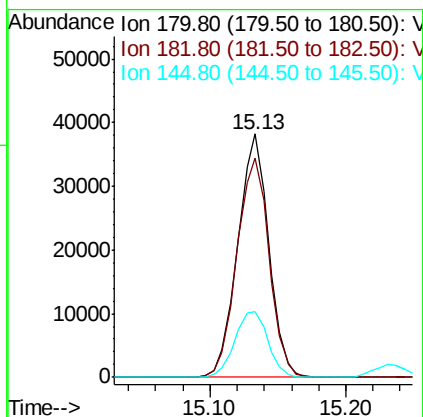
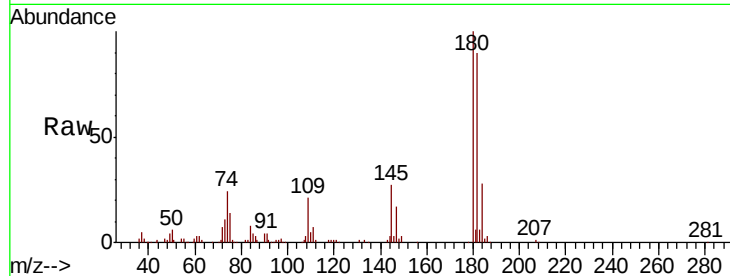




#93
 1,2,4-Trichlorobenzene
 Concen: 20.443 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW015252.D
 Acq: 21 Apr 2020 10:55

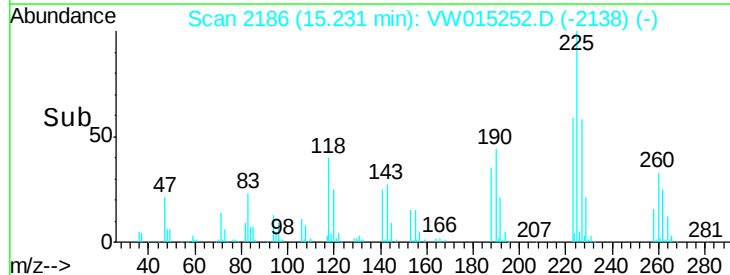
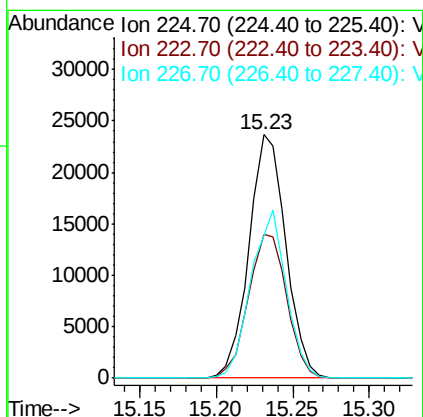
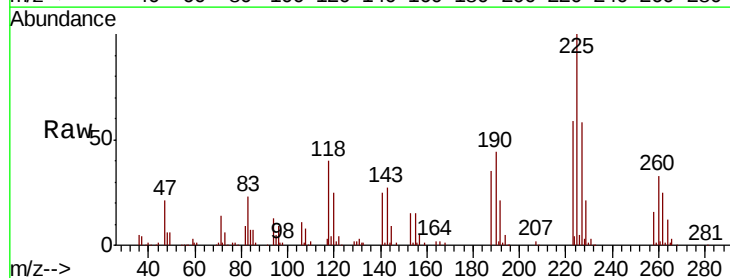
Instrument :
 MSVOA_W
 ClientSampled :

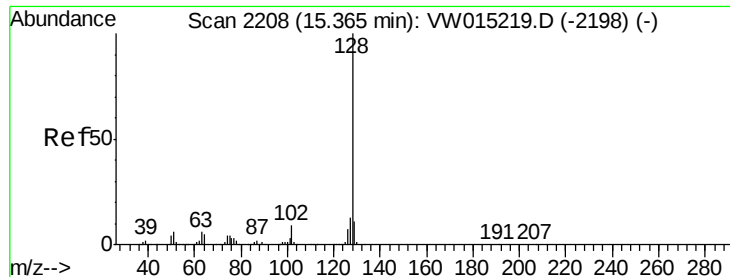
Tot Ion:180 Resp: 60584
 Ion Ratio Lower Upper
 180 100
 182 94.0 47.1 141.4
 145 29.1 16.2 48.6



#94
 Hexachlorobutadiene
 Concen: 20.051 ug/l
 RT: 15.23 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: VW015252.D
 Acq: 21 Apr 2020 10:55

Tgt Ion:225 Resp: 39617
 Ion Ratio Lower Upper
 225 100
 223 61.6 31.0 93.0
 227 66.1 30.8 92.3

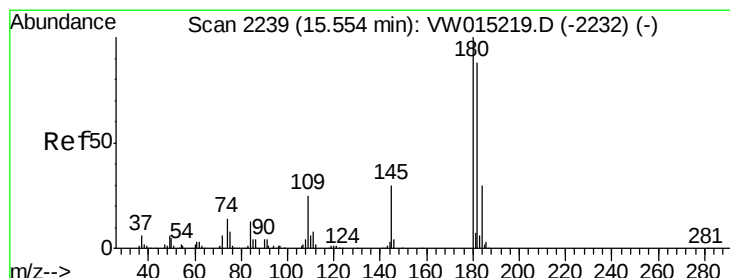
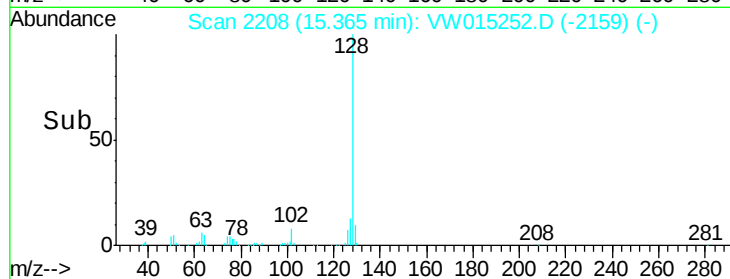
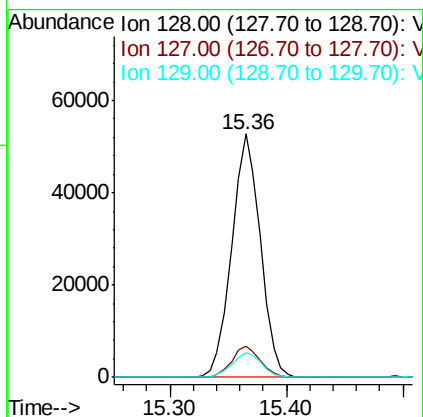
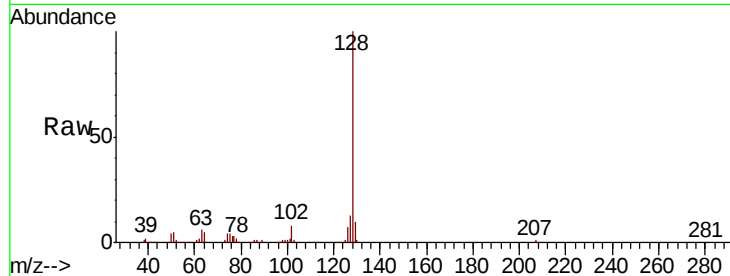




#95
Naphthalene
Concen: 18.903 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW015252.D
Acq: 21 Apr 2020 10:55

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:128 Resp: 90116
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.5 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 19.883 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VW015252.D
Acq: 21 Apr 2020 10:55

Tgt Ion:180 Resp: 47942
Ion Ratio Lower Upper
180 100
182 95.5 48.8 146.3
145 31.7 17.2 51.6

