

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042120\
 Data File : VW015253.D
 Acq On : 21 Apr 2020 11:19
 Operator : SY/VA
 Sample : VW0421SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 22 05:53:34 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	229840	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	332009	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	314787	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	176812	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	94164	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	
35) Dibromofluoromethane	7.88	113	91712	49.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.74%	
50) Toluene-d8	10.32	98	364652	47.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.26%	
62) 4-Bromofluorobenzene	12.62	95	141679	48.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	35871	19.763	ug/l	97
3) Chloromethane	2.22	50	39968	20.221	ug/l	100
4) Vinyl Chloride	2.36	62	47047	20.157	ug/l	99
5) Bromomethane	2.75	94	36384	21.924	ug/l	92
6) Chloroethane	2.92	64	27923	19.287	ug/l	98
7) Trichlorofluoromethane	3.26	101	65964	19.973	ug/l	96
8) Diethyl Ether	3.69	74	19638	21.183	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	4.07	101	40653	19.960	ug/l	93
10) Methyl Iodide	4.28	142	42265	19.757	ug/l	98
11) Tert butyl alcohol	5.17	59	16681	108.876	ug/l	97
12) 1,1-Dichloroethene	4.04	96	38958	19.872	ug/l	94
13) Acrolein	3.90	56	11238	140.142	ug/l	99
14) Allyl chloride	4.68	41	50391	19.376	ug/l #	86
15) Acrylonitrile	5.38	53	38466	109.033	ug/l	99
16) Acetone	4.13	43	34614	105.441	ug/l	96
17) Carbon Disulfide	4.39	76	113730	19.522	ug/l	99
18) Methyl Acetate	4.68	43	17611	20.267	ug/l	93
19) Methyl tert-butyl Ether	5.43	73	97307	21.622	ug/l	94
20) Methylene Chloride	4.93	84	44463	20.666	ug/l	90
21) trans-1,2-Dichloroethene	5.43	96	43709	19.659	ug/l	92
22) Diisopropyl ether	6.32	45	101921	20.428	ug/l #	91
23) Vinyl Acetate	6.26	43	310865	106.178	ug/l	95
24) 1,1-Dichloroethane	6.22	63	69849	20.201	ug/l	98
25) 2-Butanone	7.17	43	46793	107.437	ug/l #	88
26) 2,2-Dichloropropane	7.17	77	70215	19.302	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	48842	20.348	ug/l	98
28) Bromochloromethane	7.52	49	25241	20.078	ug/l #	75
29) Tetrahydrofuran	7.53	42	30157	111.138	ug/l	88
30) Chloroform	7.68	83	74511	19.966	ug/l	99
31) Cyclohexane	7.96	56	65482	18.840	ug/l #	89
32) 1,1,1-Trichloroethane	7.87	97	70446	19.559	ug/l	98
36) 1,1-Dichloropropene	8.09	75	58984	19.684	ug/l	98
37) Ethyl Acetate	7.26	43	21399	22.004	ug/l #	95
38) Carbon Tetrachloride	8.07	117	63856	19.500	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042120\
 Data File : VW015253.D
 Acq On : 21 Apr 2020 11:19
 Operator : SY/VA
 Sample : VW0421SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 22 05:53:34 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	76632	19.214	ug/l	97
40) Benzene	8.33	78	158902	19.851	ug/l	98
41) Methacrylonitrile	7.49	41	12397	21.245	ug/l	91
42) 1,2-Dichloroethane	8.40	62	49324	20.931	ug/l	99
43) Isopropyl Acetate	8.43	43	44344	21.740	ug/l	96
44) Trichloroethene	9.10	130	48622	19.858	ug/l	94
45) 1,2-Dichloropropane	9.37	63	37792	20.302	ug/l	96
46) Dibromomethane	9.46	93	22724	21.103	ug/l #	85
47) Bromodichloromethane	9.65	83	57402	19.941	ug/l	99
48) Methyl methacrylate	9.44	41	19410	20.130	ug/l #	82
49) 1,4-Dioxane	9.45	88	6236	434.414	ug/l	94
51) 4-Methyl-2-Pentanone	10.21	43	105773	110.469	ug/l	96
52) Toluene	10.39	92	111830	19.962	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	58382	20.569	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	67894	20.579	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	32395	21.485	ug/l	97
56) Ethyl methacrylate	10.65	69	40919	21.066	ug/l	93
57) 1,3-Dichloropropane	10.93	76	52790	21.136	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	94220	104.626	ug/l	90
59) 2-Hexanone	10.97	43	73727	107.868	ug/l	96
60) Dibromochloromethane	11.13	129	41681	20.937	ug/l	98
61) 1,2-Dibromoethane	11.23	107	31559	21.450	ug/l	97
64) Tetrachloroethene	10.87	164	43889	19.535	ug/l	93
65) Chlorobenzene	11.66	112	122588	19.846	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	45566	20.524	ug/l	98
67) Ethyl Benzene	11.73	91	226267	19.642	ug/l	97
68) m/p-Xylenes	11.84	106	179628	39.782	ug/l	97
69) o-Xylene	12.16	106	83817	19.888	ug/l	99
70) Styrene	12.18	104	145160	20.206	ug/l	99
71) Bromoform	12.35	173	26038	20.815	ug/l #	99
73) Isopropylbenzene	12.46	105	230031	18.764	ug/l	100
74) N-amyl acetate	12.27	43	44264	20.754	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.71	83	35048	20.136	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	47657	34.841	ug/l #	100
77) Bromobenzene	12.74	156	55993	19.880	ug/l	84
78) n-propylbenzene	12.80	91	270067	18.921	ug/l	97
79) 2-Chlorotoluene	12.89	91	152486	18.957	ug/l	96
80) 1,3,5-Trimethylbenzene	12.94	105	201522	19.083	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	12560	20.073	ug/l	96
82) 4-Chlorotoluene	12.99	91	162584	19.036	ug/l	95
83) tert-Butylbenzene	13.21	119	174260	18.880	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	201953	19.389	ug/l	100
85) sec-Butylbenzene	13.38	105	241886	18.976	ug/l	98
86) p-Isopropyltoluene	13.50	119	227456	19.204	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	111057	19.845	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	111160	20.263	ug/l	97
89) n-Butylbenzene	13.82	91	204191	18.861	ug/l	98
90) Hexachloroethane	14.09	117	41689	19.192	ug/l	74
91) 1,2-Dichlorobenzene	13.87	146	99213	20.402	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6464	20.521	ug/l	84

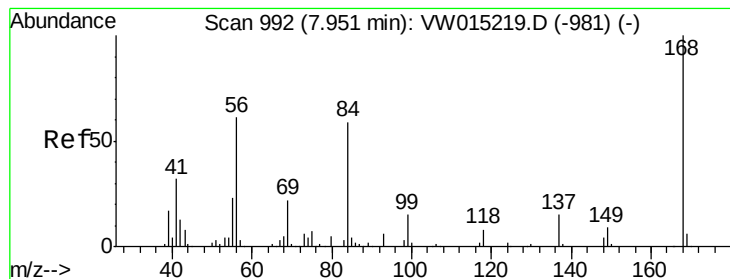
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042120\
Data File : VW015253.D
Acq On : 21 Apr 2020 11:19
Operator : SY/VA
Sample : VW0421SBSD01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Apr 22 05:53:34 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)
93) 1,2,4-Trichlorobenzene	15.13	180	68759	20.342	ug/l	96
94) Hexachlorobutadiene	15.24	225	44573	19.779	ug/l	97
95) Naphthalene	15.36	128	112168	20.629	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	56209	20.438	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW015253.D

Acq: 21 Apr 2020 11:19

Instrument :

MSVOA_W

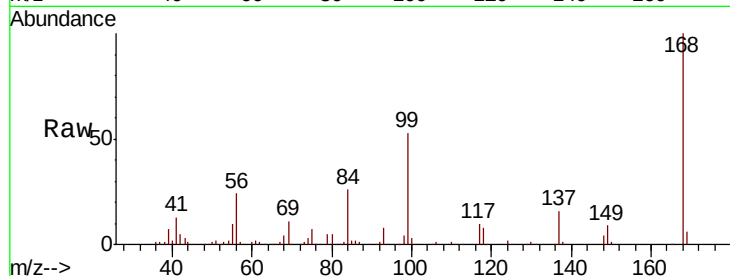
ClientSampleId :

Tot Ion:168 Resp: 229840

Ion Ratio Lower Upper

168 100

99 52.7 48.5 72.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

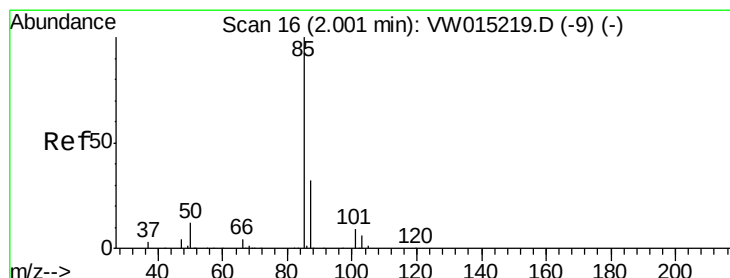
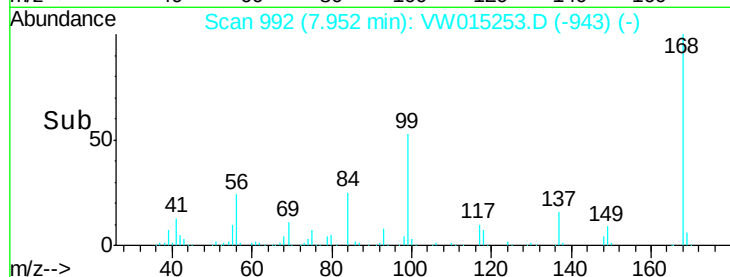
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.763 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW015253.D

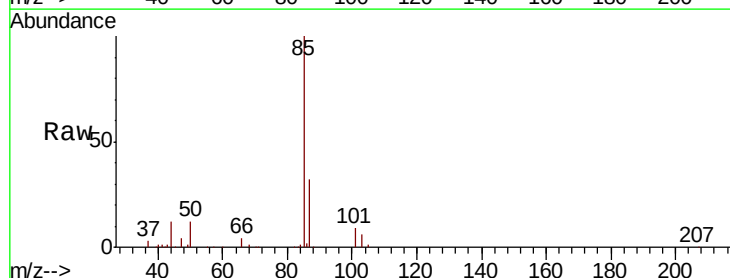
Acq: 21 Apr 2020 11:19

Tgt Ion: 85 Resp: 35871

Ion Ratio Lower Upper

85 100

87 32.5 17.2 51.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

30000

25000

20000

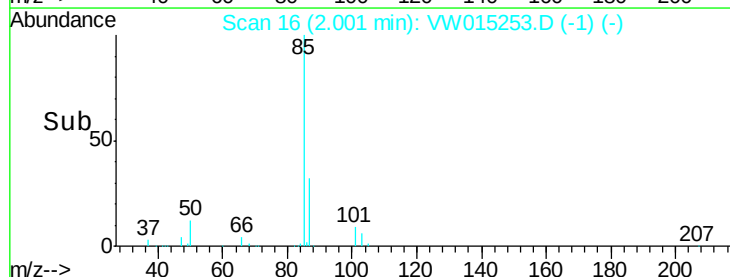
15000

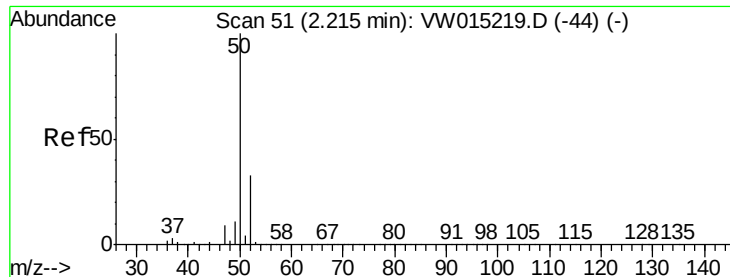
10000

5000

0

Time-->





#3

Chloromethane

Concen: 20.221 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW015253.D

Acq: 21 Apr 2020 11:19

Instrument :

MSVOA_W

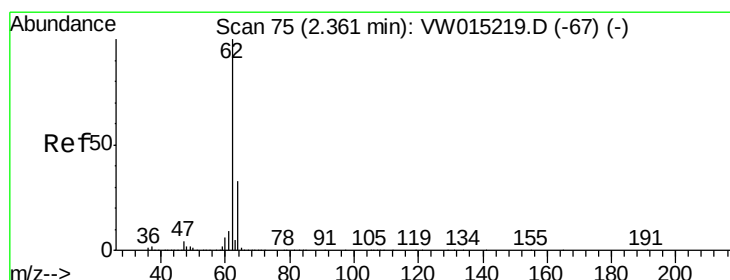
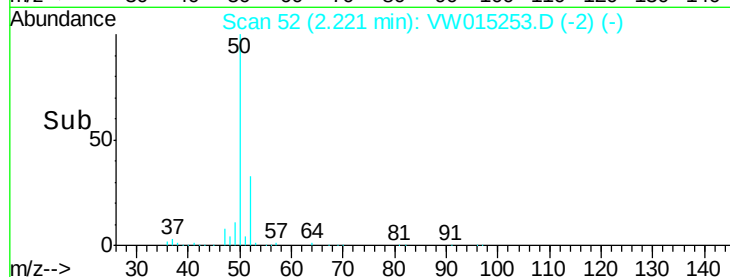
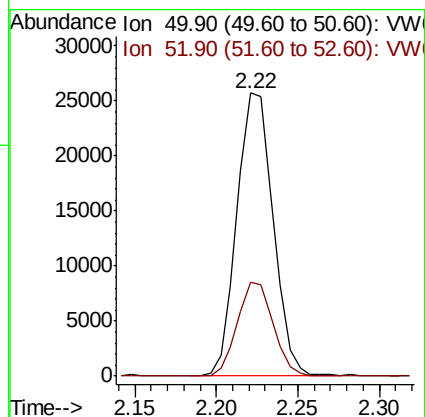
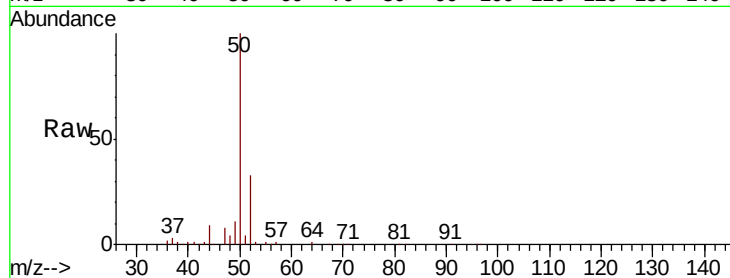
ClientSampleId :

Tot Ion: 50 Resp: 39968

Ion Ratio Lower Upper

50 100

52 33.0 26.5 39.7



#4

Vinyl Chloride

Concen: 20.157 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW015253.D

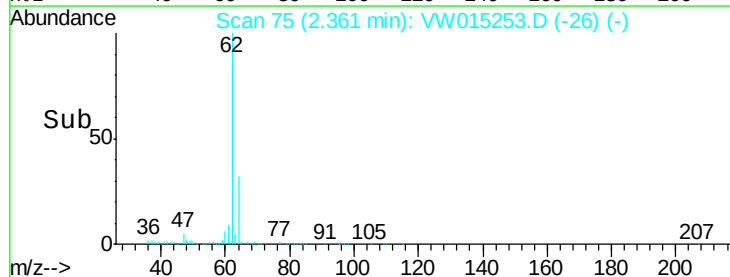
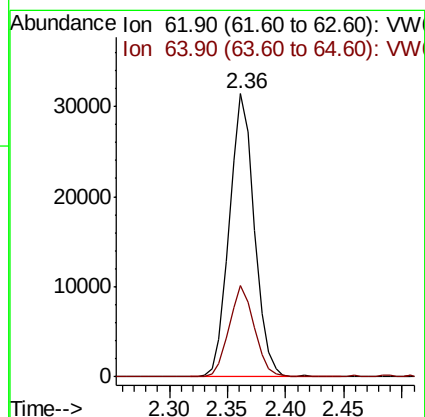
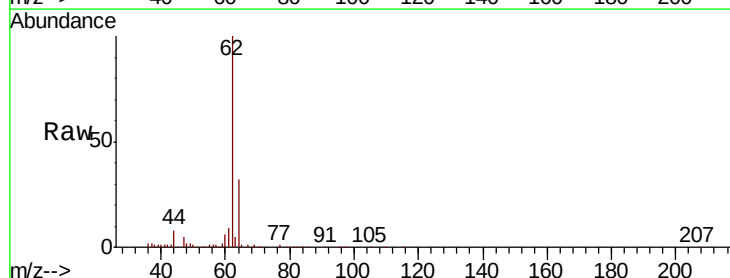
Acq: 21 Apr 2020 11:19

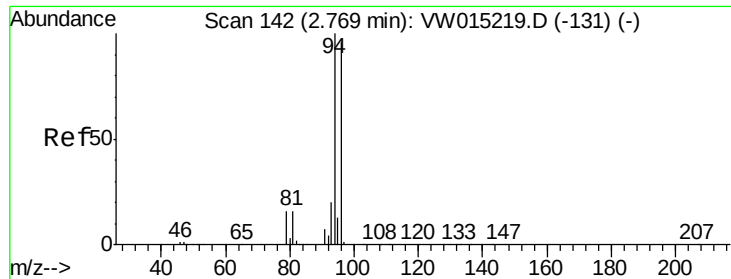
Tgt Ion: 62 Resp: 47047

Ion Ratio Lower Upper

62 100

64 32.4 25.4 38.2





#5

Bromomethane

Concen: 21.924 ug/l

RT: 2.75 min Scan# 139

Delta R.T. -0.02 min

Lab File: VW015253.D

Acq: 21 Apr 2020 11:19

Instrument :

MSVOA_W

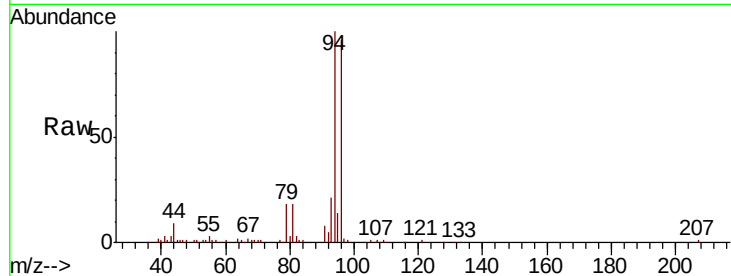
ClientSampleId :

Tot Ion: 94 Resp: 36384

Ion Ratio Lower Upper

94 100

96 95.5 70.4 105.6



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.75

20000

15000

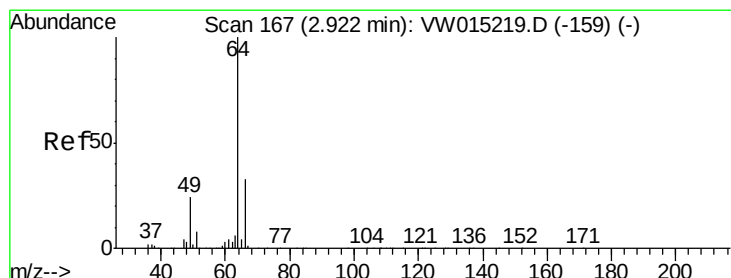
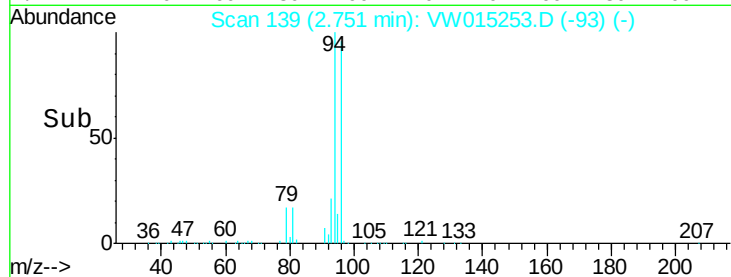
10000

5000

0

Time-->

2.70 2.80



#6

Chloroethane

Concen: 19.287 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW015253.D

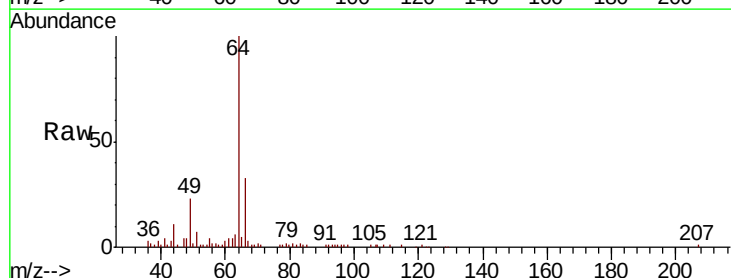
Acq: 21 Apr 2020 11:19

Tgt Ion: 64 Resp: 27923

Ion Ratio Lower Upper

64 100

66 33.5 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW

2.92

15000

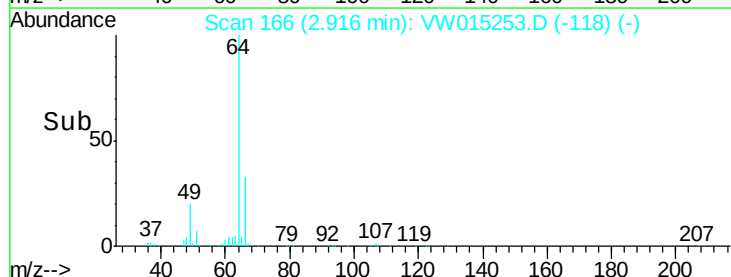
10000

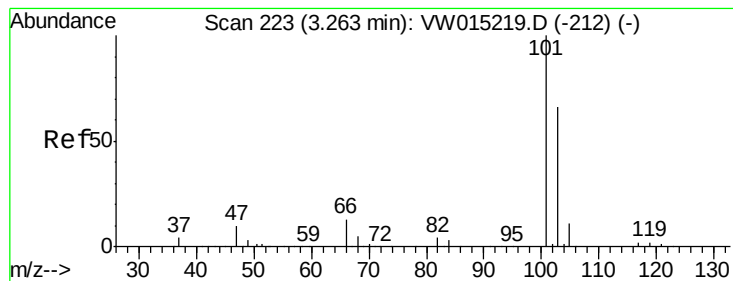
5000

0

Time-->

2.80 2.90 3.00



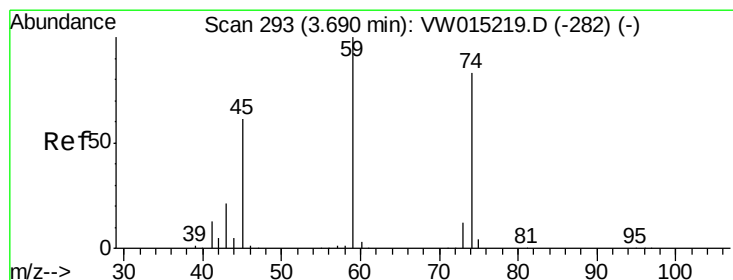
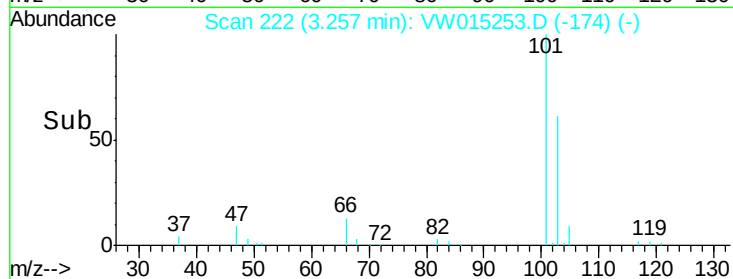
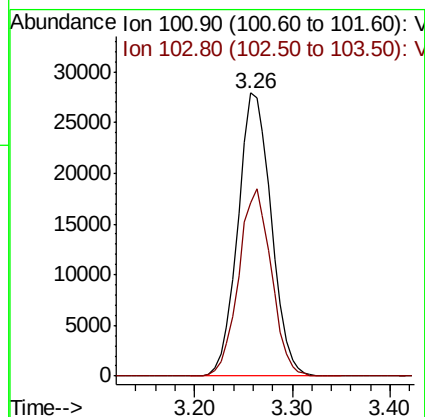
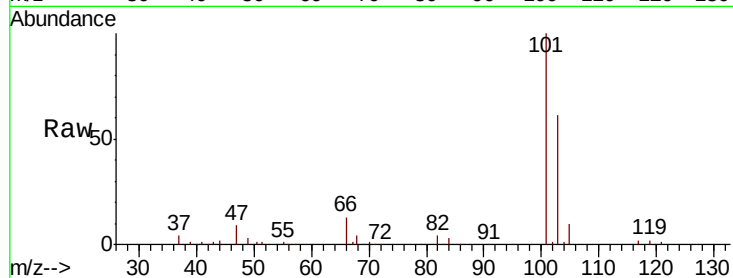


#7

Trichlorofluoromethane
 Concen: 19.973 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW015253.D
 Acq: 21 Apr 2020 11:19

Instrument :
 MSVOA_W
 ClientSampleId :

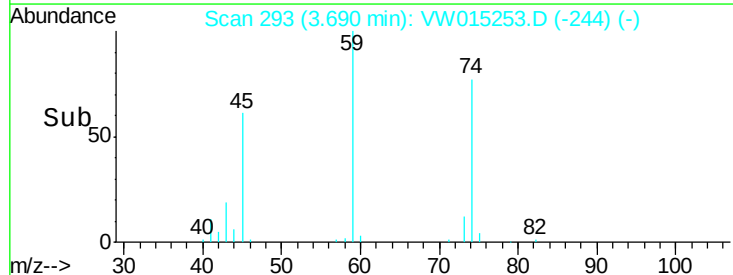
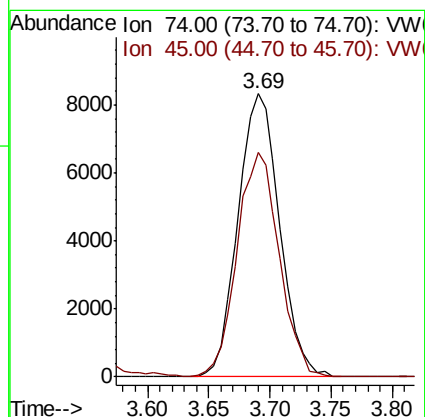
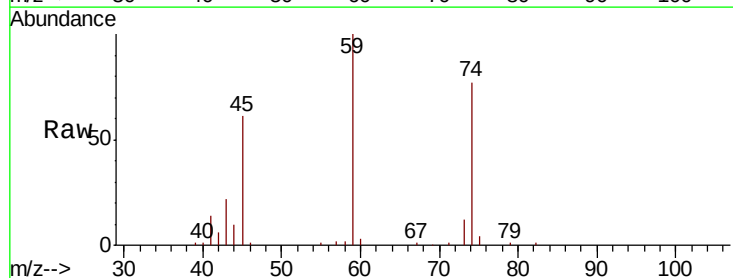
Tot Ion:101 Resp: 65964
 Ion Ratio Lower Upper
 101 100
 103 61.3 51.3 76.9

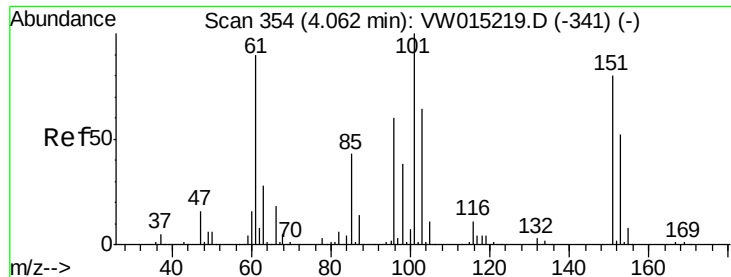


#8

Diethyl Ether
 Concen: 21.183 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VW015253.D
 Acq: 21 Apr 2020 11:19

Tgt Ion: 74 Resp: 19638
 Ion Ratio Lower Upper
 74 100
 45 80.3 45.5 136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.960 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.01 min

Lab File: VW015253.D

Acq: 21 Apr 2020 11:19

Instrument :

MSVOA_W

ClientSampleId :

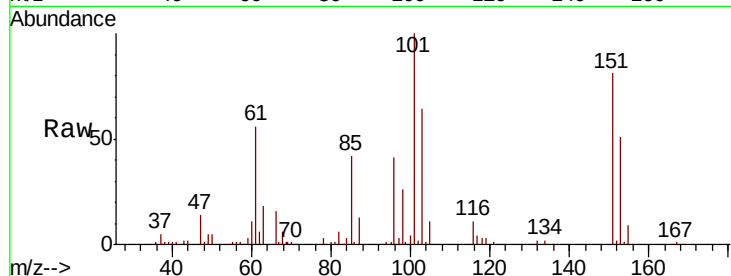
Tot Ion:101 Resp: 40653

Ion Ratio Lower Upper

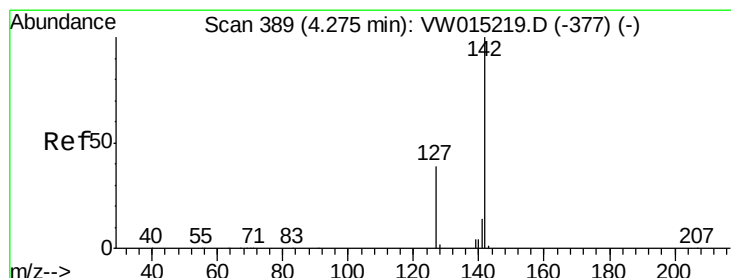
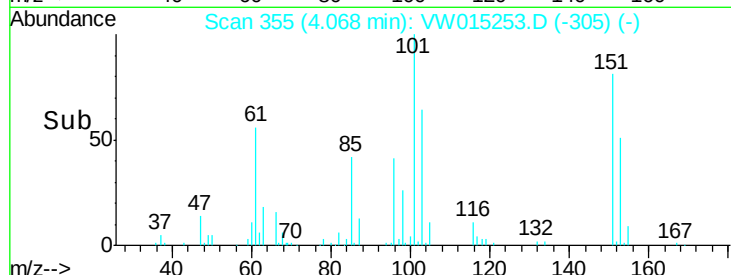
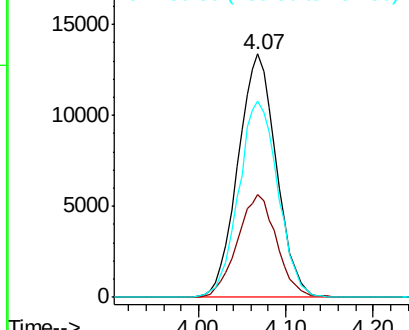
101 100

85 43.1 35.3 52.9

151 82.7 59.3 88.9



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



#10

Methyl Iodide

Concen: 19.757 ug/l

RT: 4.28 min Scan# 390

Delta R.T. 0.01 min

Lab File: VW015253.D

Acq: 21 Apr 2020 11:19

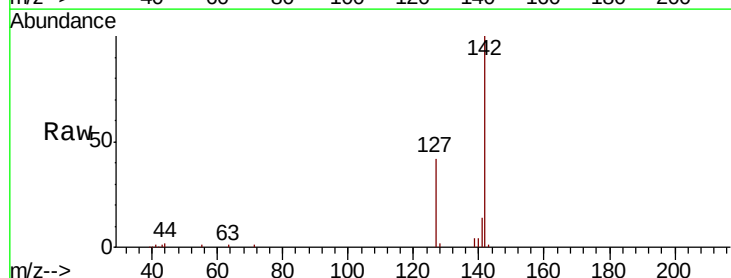
Tgt Ion:142 Resp: 42265

Ion Ratio Lower Upper

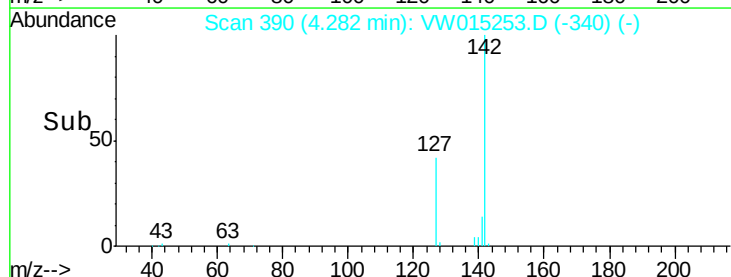
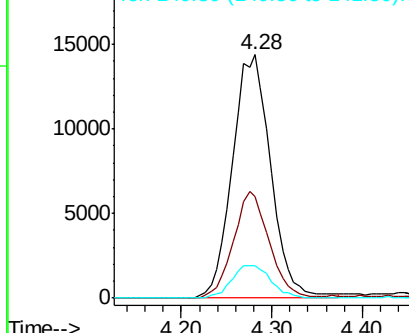
142 100

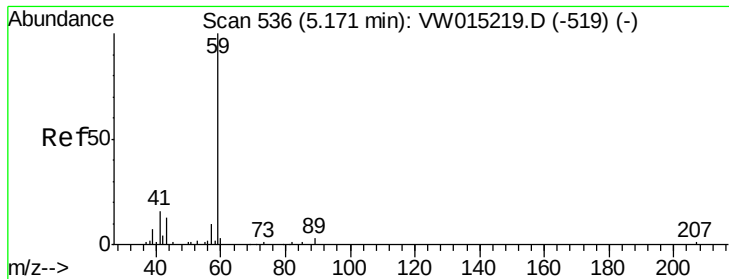
127 40.8 33.9 50.9

141 13.9 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



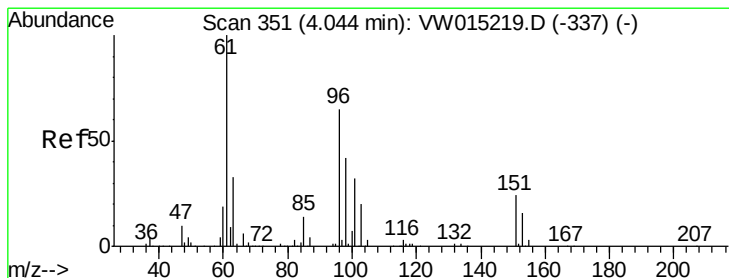
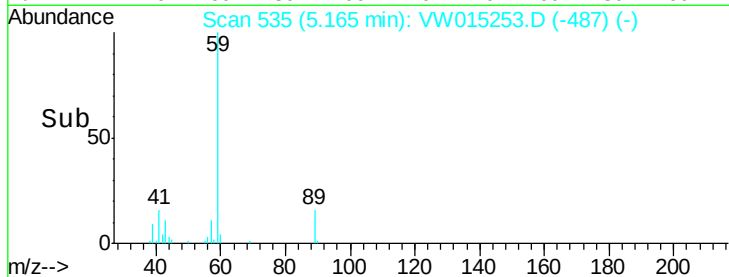
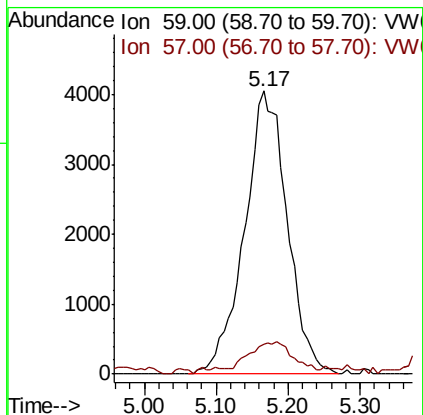
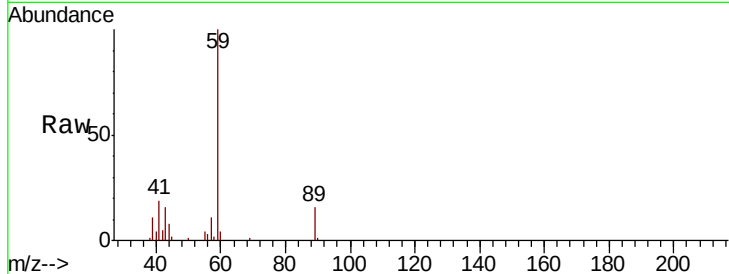


#11

Tert butyl alcohol
Concen: 108.876 ug/l
RT: 5.17 min Scan# 535
Delta R.T. -0.01 min
Lab File: VW015253.D
Acq: 21 Apr 2020 11:19

Instrument :
MSVOA_W
ClientSampleId :

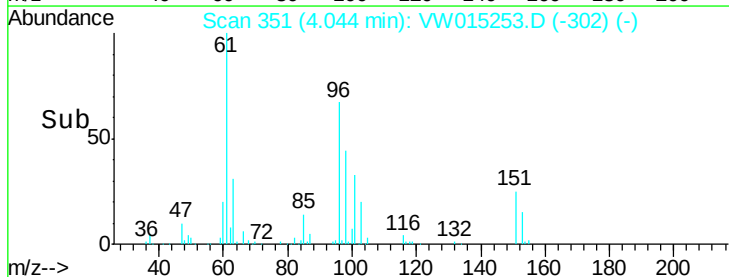
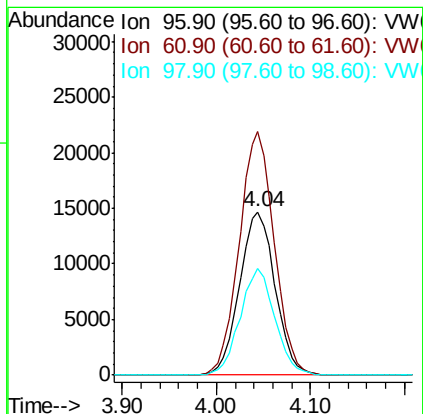
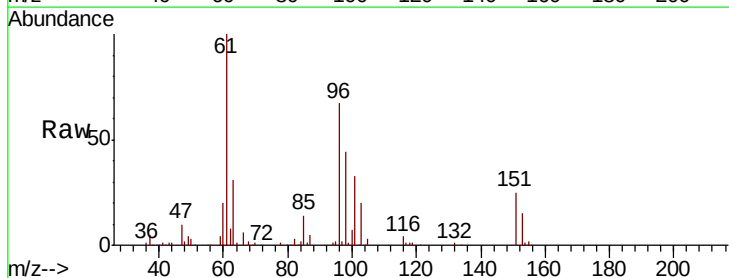
Tot Ion: 59 Resp: 16681
Ion Ratio Lower Upper
59 100
57 9.6 8.4 12.6

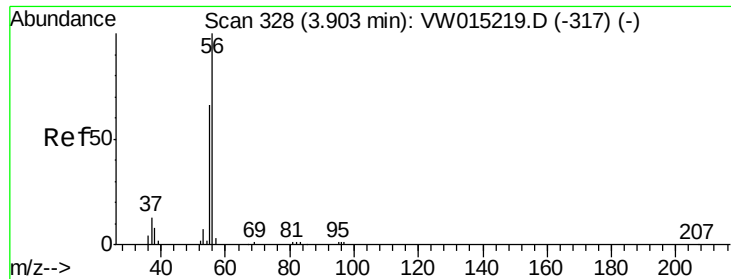


#12

1,1-Dichloroethene
Concen: 19.872 ug/l
RT: 4.04 min Scan# 351
Delta R.T. 0.00 min
Lab File: VW015253.D
Acq: 21 Apr 2020 11:19

Tgt Ion: 96 Resp: 38958
Ion Ratio Lower Upper
96 100
61 149.0 127.0 190.4
98 65.2 51.0 76.4

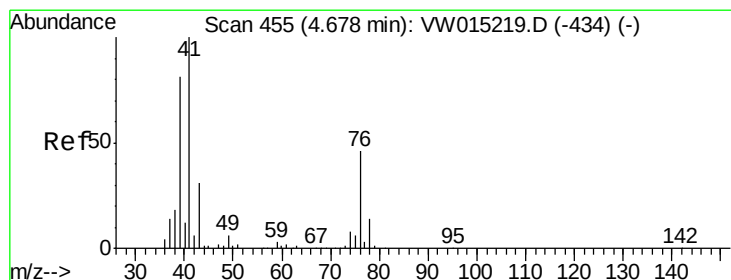
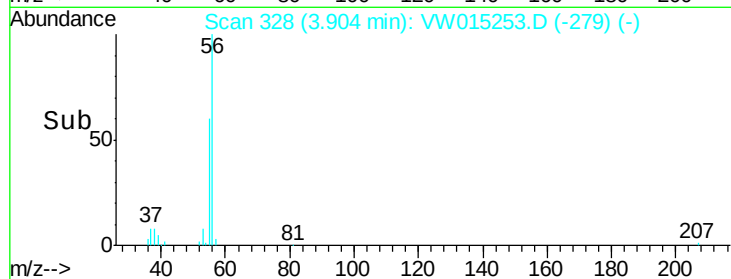
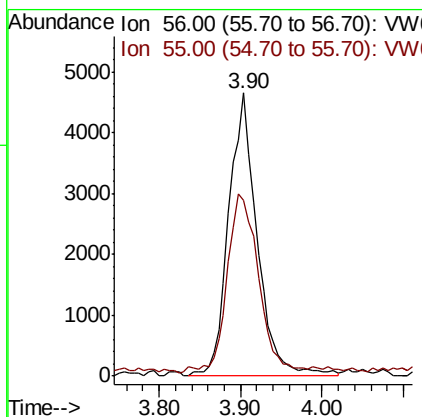
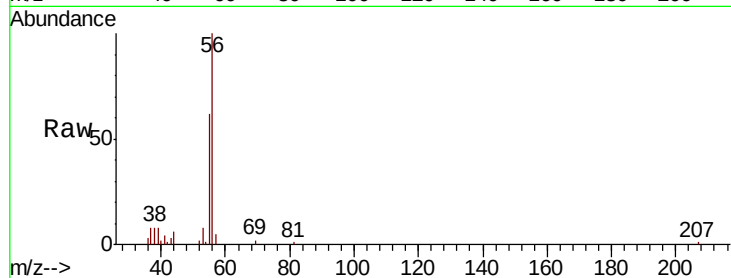




#13
Acrolein
Concen: 140.142 ug/l
RT: 3.90 min Scan# 328
Delta R.T. 0.00 min
Lab File: VW015253.D
Acq: 21 Apr 2020 11:19

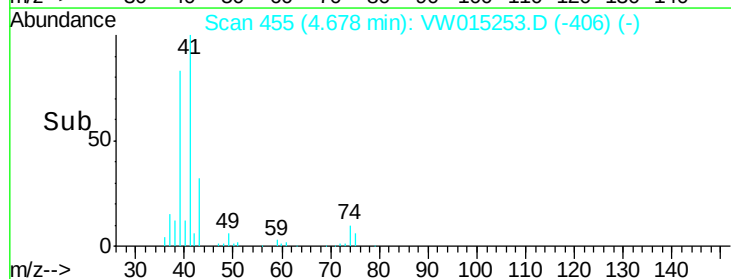
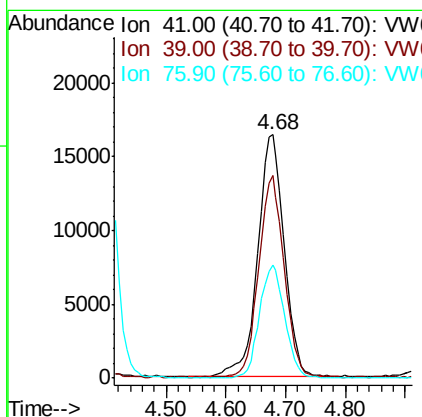
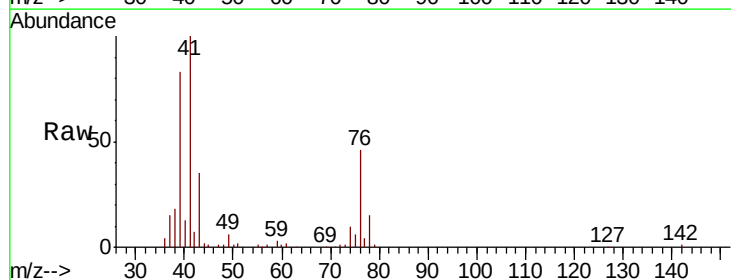
Instrument :
MSVOA_W
ClientSampled :

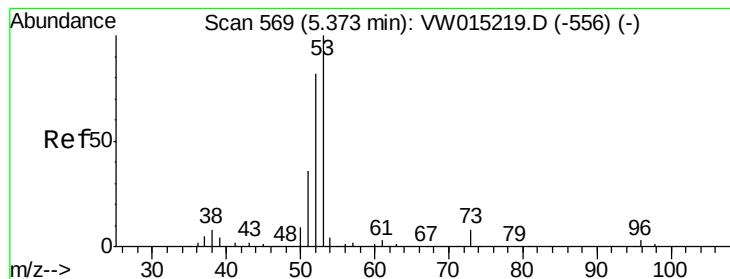
Tot Ion: 56 Resp: 11238
Ion Ratio Lower Upper
56 100
55 69.5 56.2 84.2



#14
Allyl chloride
Concen: 19.376 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.00 min
Lab File: VW015253.D
Acq: 21 Apr 2020 11:19

Tgt Ion: 41 Resp: 50391
Ion Ratio Lower Upper
41 100
39 81.9 54.0 81.0#
76 44.6 31.8 47.6





#15

Acrylonitrile

Concen: 109.033 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.01 min

Lab File: VW015253.D

Acq: 21 Apr 2020 11:19

Instrument :

MSVOA_W

ClientSampled :

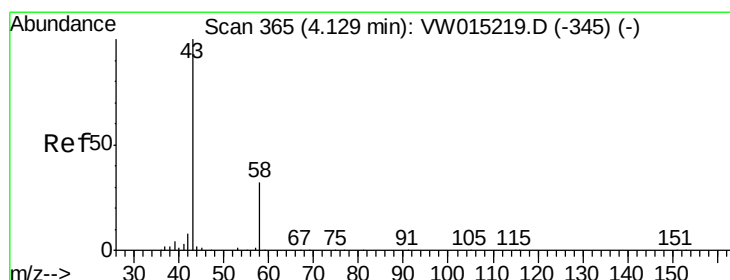
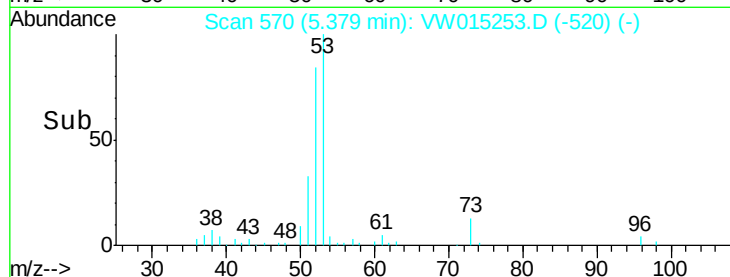
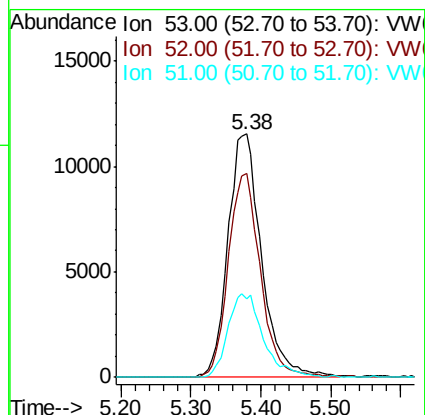
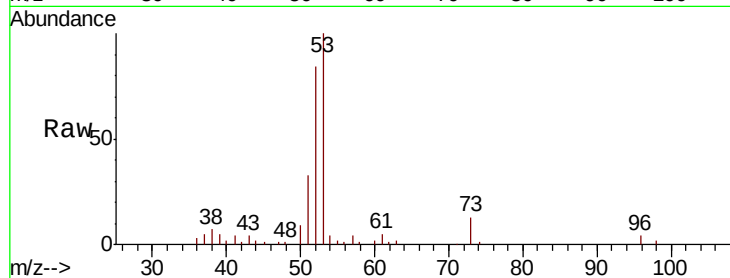
Tot Ion: 53 Resp: 38466

Ion Ratio Lower Upper

53 100

52 80.2 65.2 97.8

51 36.2 28.2 42.4



#16

Acetone

Concen: 105.441 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.00 min

Lab File: VW015253.D

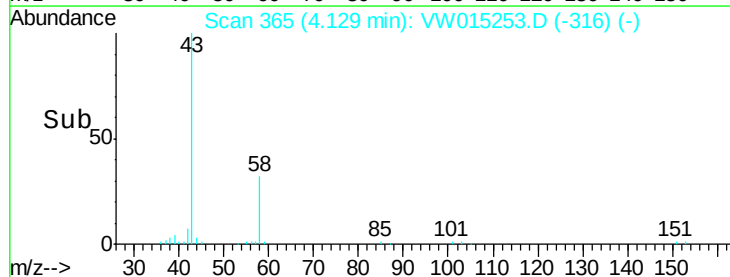
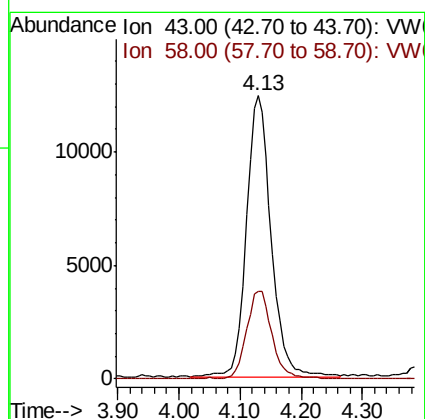
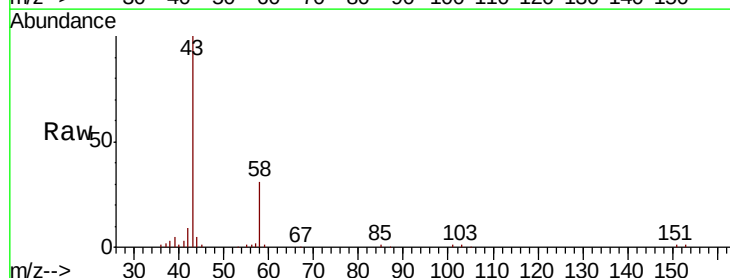
Acq: 21 Apr 2020 11:19

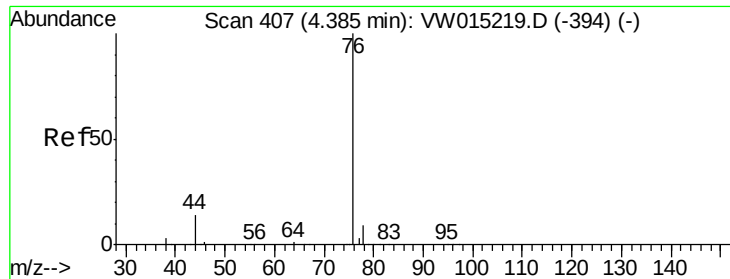
Tgt Ion: 43 Resp: 34614

Ion Ratio Lower Upper

43 100

58 31.4 27.0 40.4

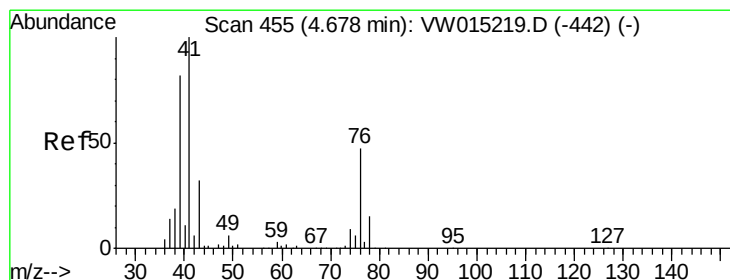
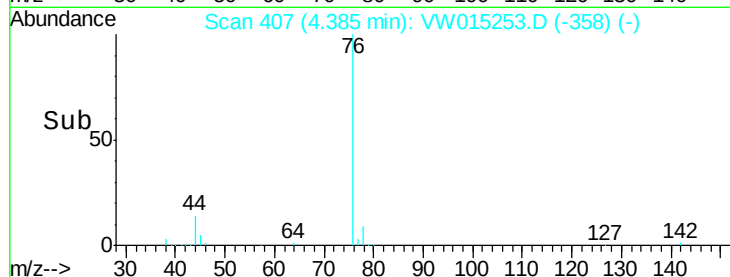
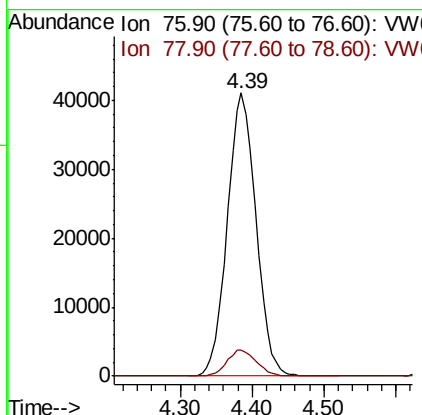
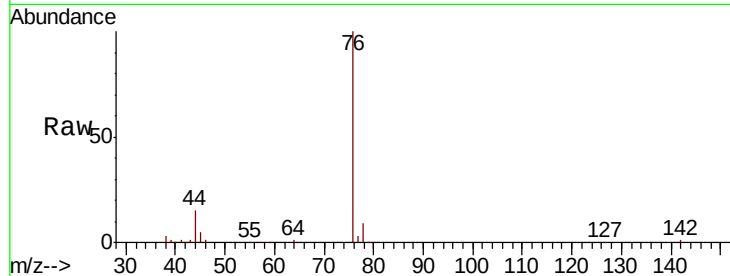




#17
Carbon Disulfide
Concen: 19.522 ug/l
RT: 4.39 min Scan# 407
Delta R.T. 0.00 min
Lab File: VW015253.D
Acq: 21 Apr 2020 11:19

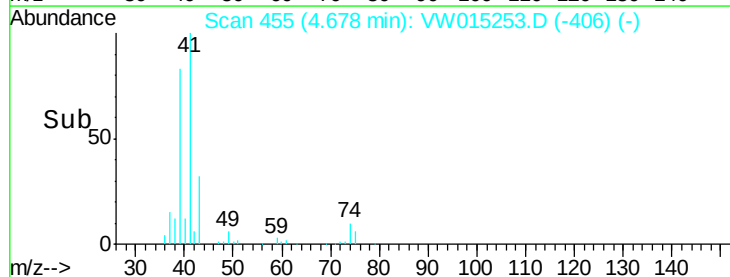
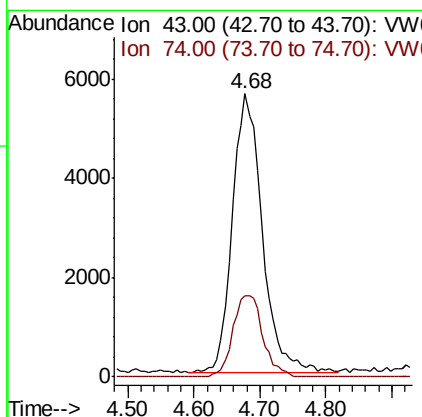
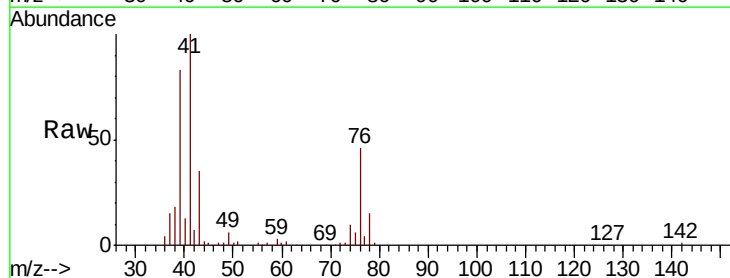
Instrument :
MSVOA_W
ClientSampleId :

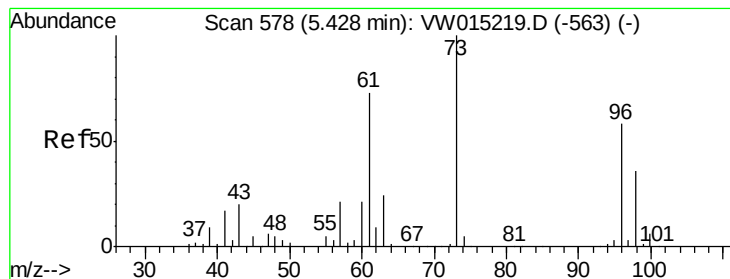
Tot Ion: 76 Resp: 113730
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6



#18
Methyl Acetate
Concen: 20.267 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.00 min
Lab File: VW015253.D
Acq: 21 Apr 2020 11:19

Tgt Ion: 43 Resp: 17611
Ion Ratio Lower Upper
43 100
74 29.3 20.6 31.0



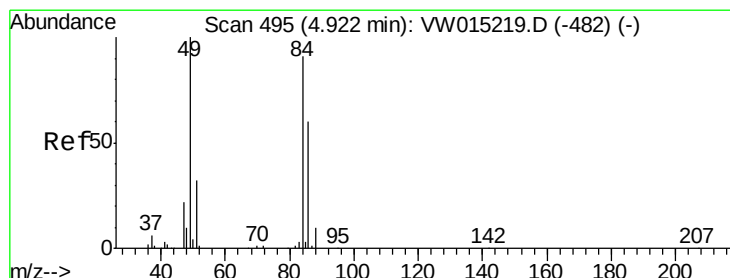
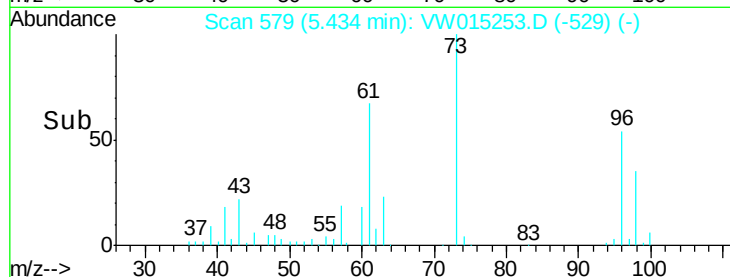
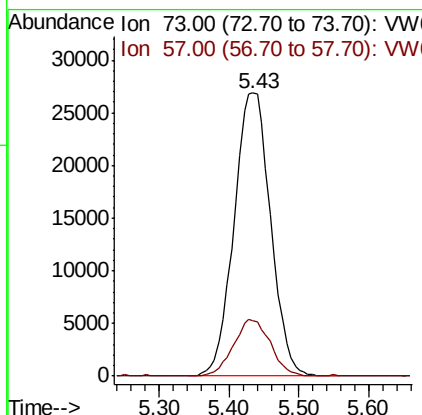
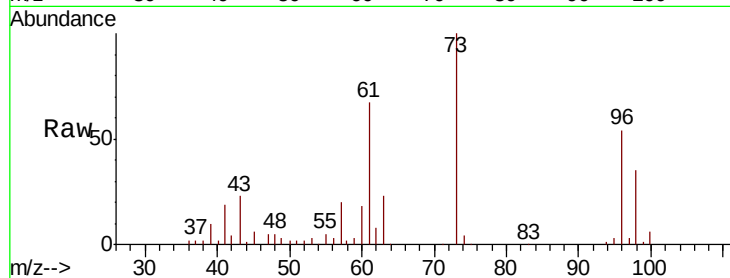


#19

Methyl tert-butyl Ether
 Concen: 21.622 ug/l
 RT: 5.43 min Scan# 579
 Delta R.T. 0.01 min
 Lab File: VW015253.D
 Acq: 21 Apr 2020 11:19

Instrument :
 MSVOA_W
 ClientSampled :

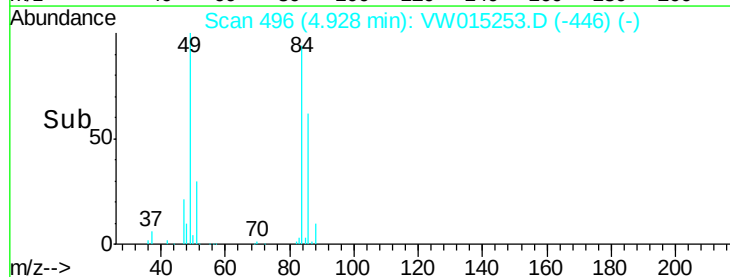
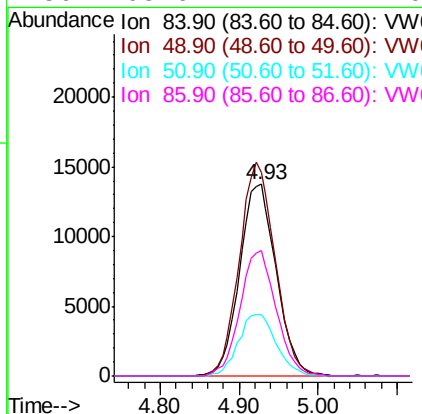
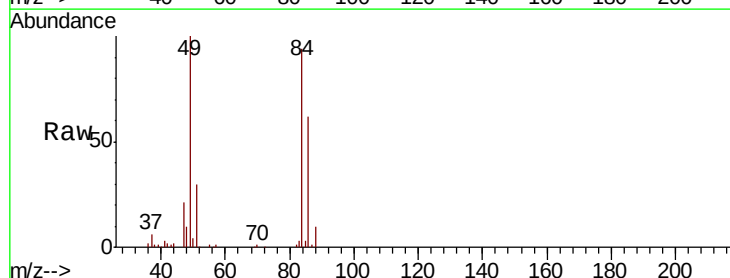
Tot Ion: 73 Resp: 97307
 Ion Ratio Lower Upper
 73 100
 57 19.4 17.8 26.6

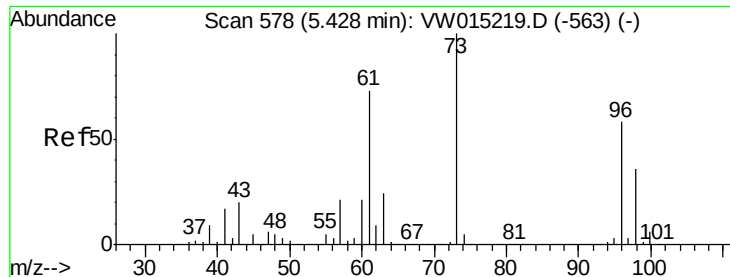


#20

Methylene Chloride
 Concen: 20.666 ug/l
 RT: 4.93 min Scan# 496
 Delta R.T. 0.01 min
 Lab File: VW015253.D
 Acq: 21 Apr 2020 11:19

Tgt Ion: 84 Resp: 44463
 Ion Ratio Lower Upper
 84 100
 49 106.5 95.4 143.0
 51 32.1 29.8 44.8
 86 65.6 47.4 71.0





#21

trans-1,2-Dichloroethene

Concen: 19.659 ug/l

RT: 5.43 min Scan# 579

Delta R.T. 0.01 min

Lab File: VW015253.D

Acq: 21 Apr 2020 11:19

Instrument :

MSVOA_W

ClientSampled :

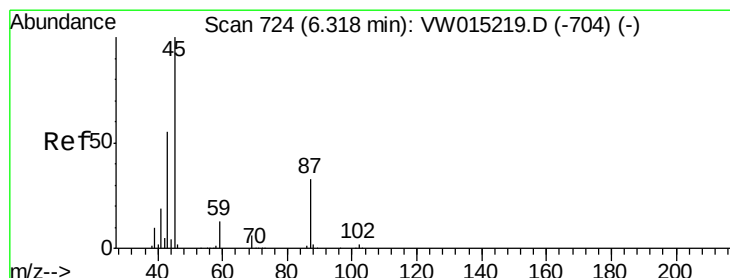
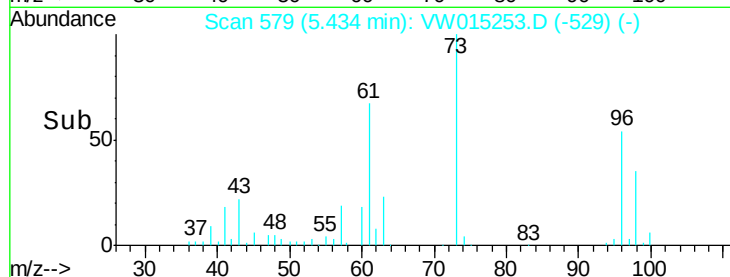
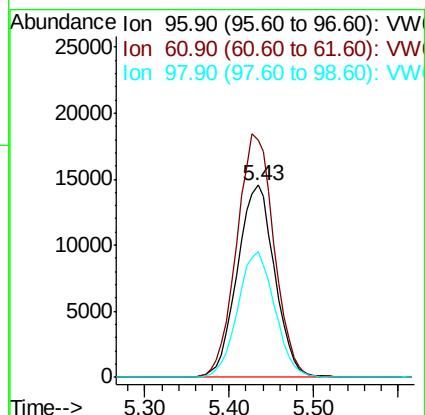
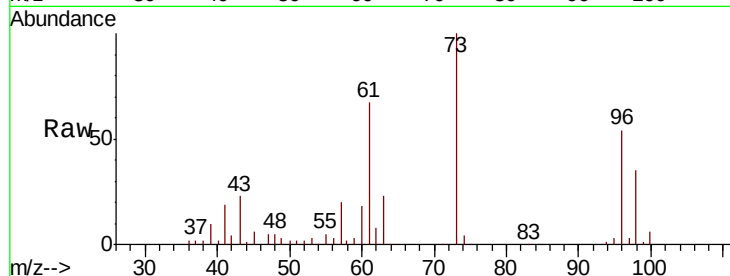
Tot Ion: 96 Resp: 43709

Ion Ratio Lower Upper

96 100

61 123.5 107.8 161.6

98 65.5 50.2 75.2



#22

Diisopropyl ether

Concen: 20.428 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.00 min

Lab File: VW015253.D

Acq: 21 Apr 2020 11:19

Tgt Ion: 45 Resp: 101921

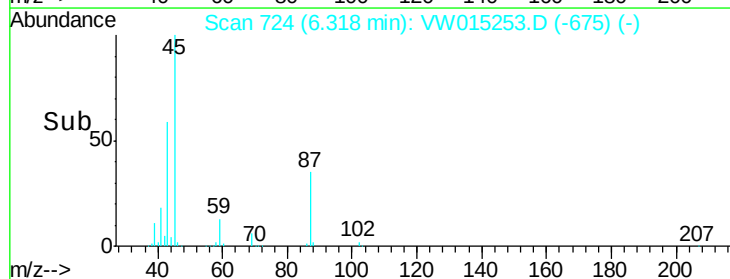
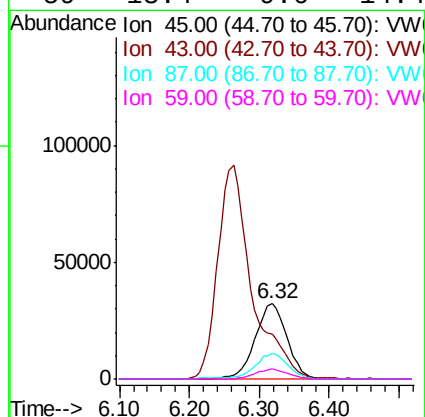
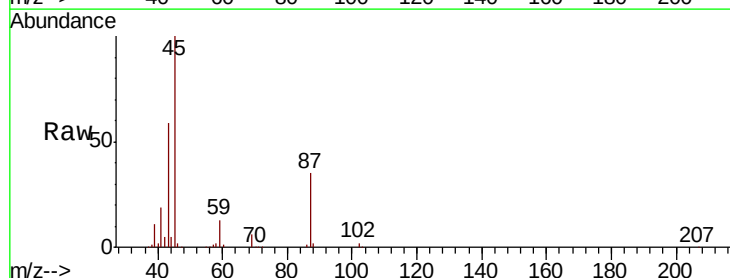
Ion Ratio Lower Upper

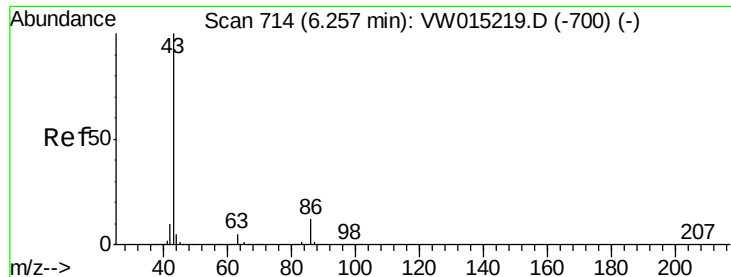
45 100

43 58.4 41.8 62.6

87 34.8 23.2 34.8#

59 13.4 9.6 14.4





#23

Vinyl Acetate

Concen: 106.178 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.01 min

Lab File: VW015253.D

Acq: 21 Apr 2020 11:19

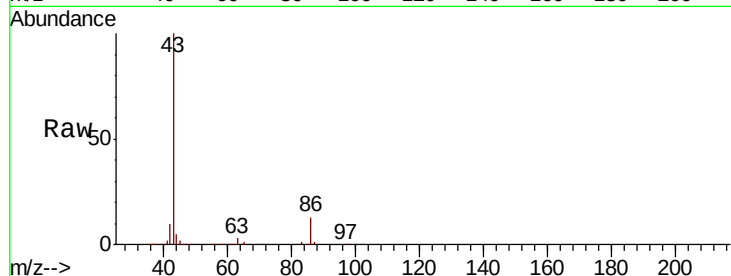
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 310865

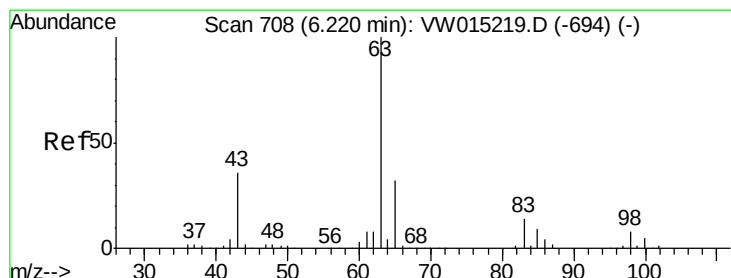
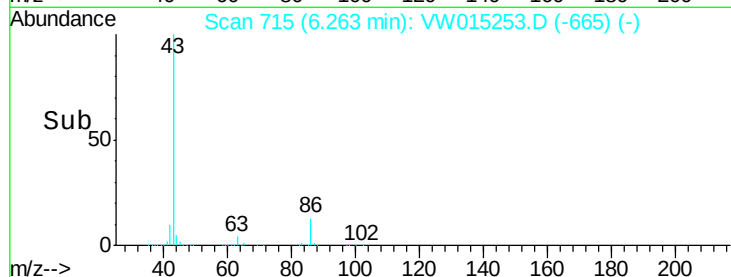
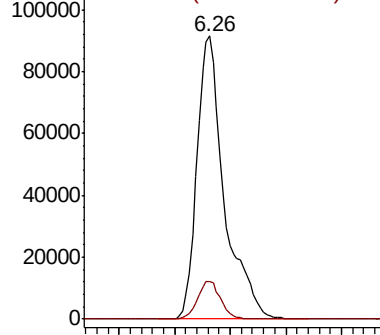
Ion Ratio Lower Upper

43 100

86 13.1 9.1 13.7



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



#24

1,1-Dichloroethane

Concen: 20.201 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW015253.D

Acq: 21 Apr 2020 11:19

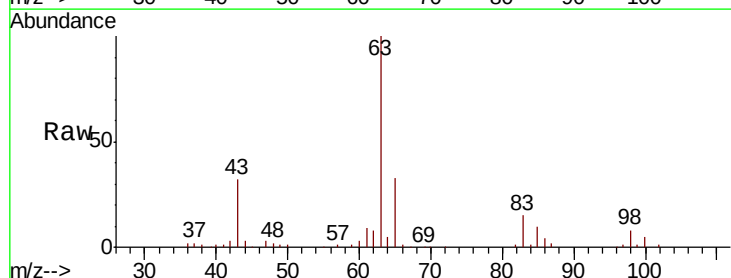
Tgt Ion: 63 Resp: 69849

Ion Ratio Lower Upper

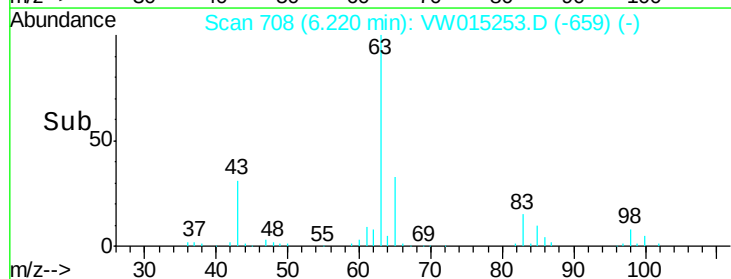
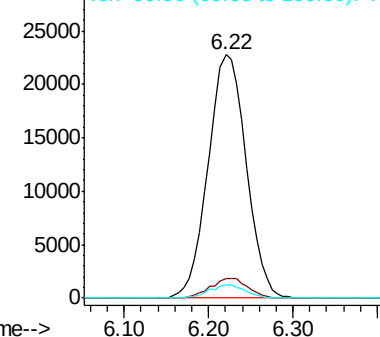
63 100

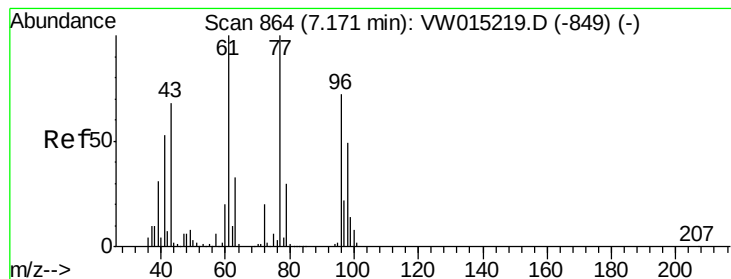
98 7.9 3.6 10.9

100 5.5 2.4 7.2



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





#25

2-Butanone

Concen: 107.437 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW015253.D

Acq: 21 Apr 2020 11:19

Instrument :

MSVOA_W

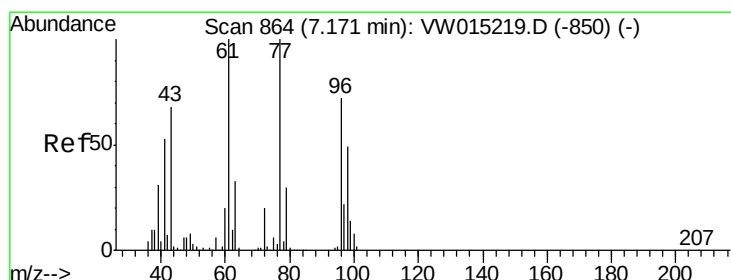
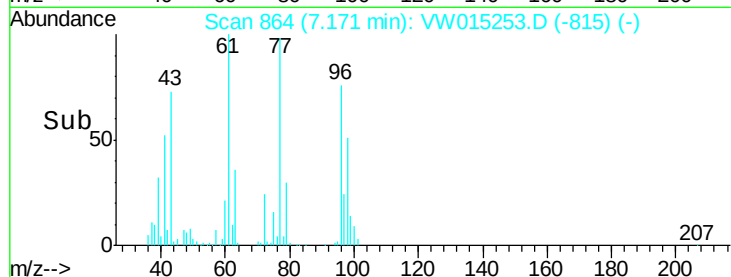
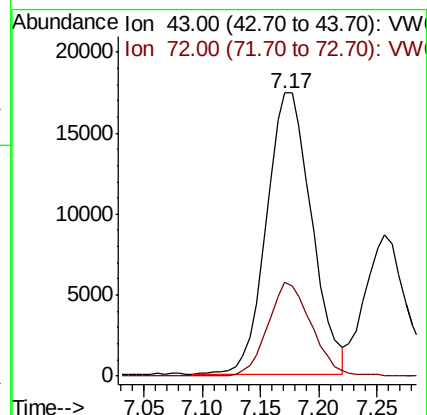
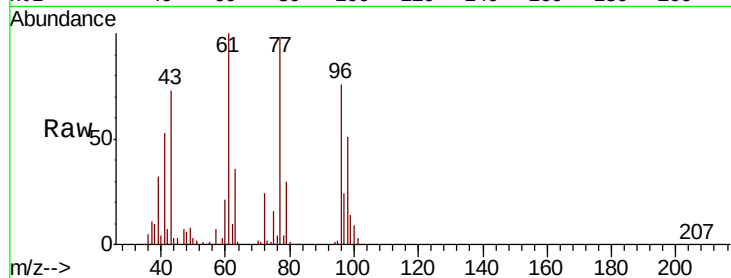
ClientSampled :

Tot Ion: 43 Resp: 46793

Ion Ratio Lower Upper

43 100

72 33.3 21.6 32.4#



#26

2,2-Dichloropropane

Concen: 19.302 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW015253.D

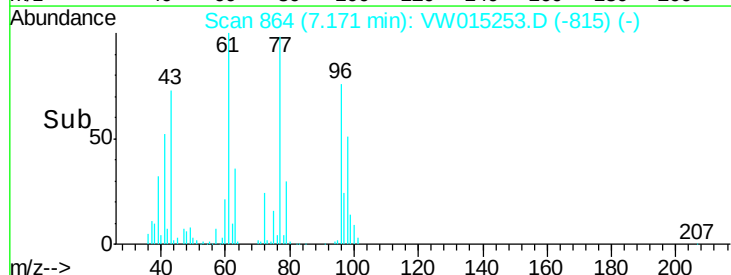
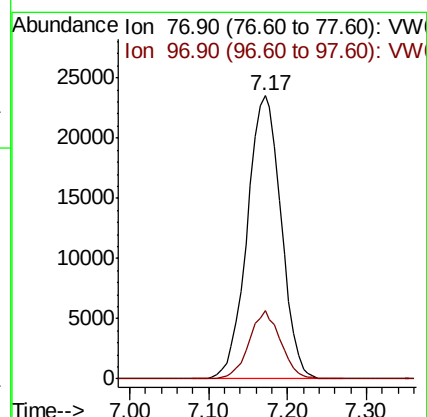
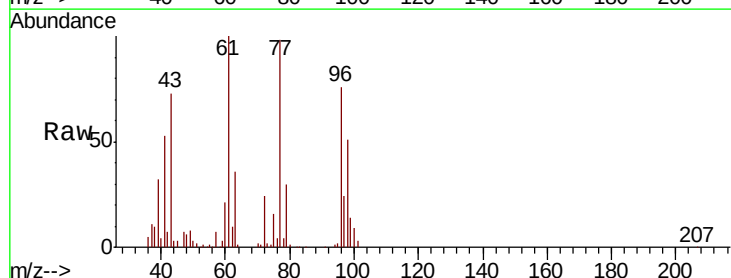
Acq: 21 Apr 2020 11:19

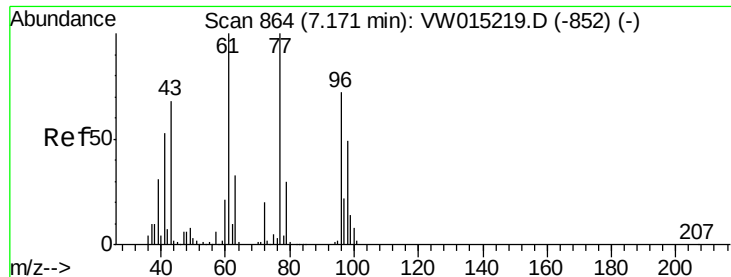
Tgt Ion: 77 Resp: 70215

Ion Ratio Lower Upper

77 100

97 22.3 11.9 35.5

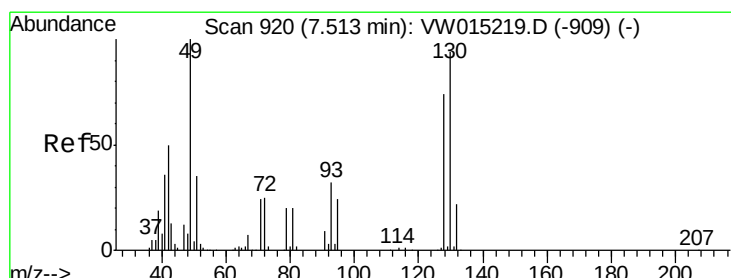
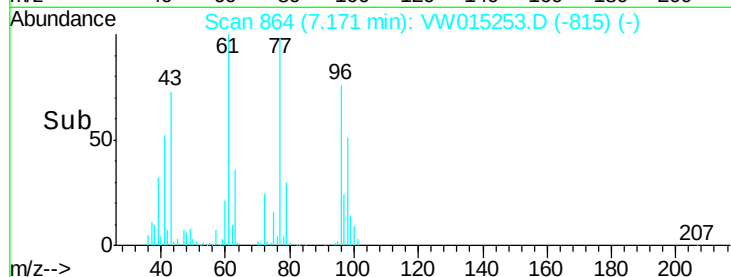
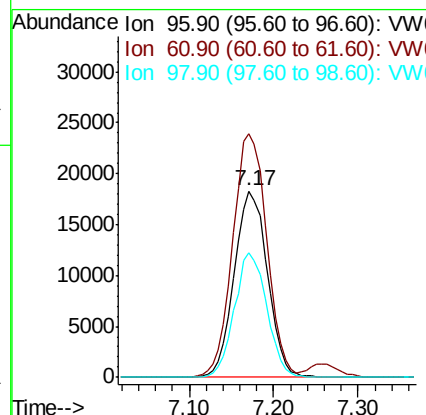
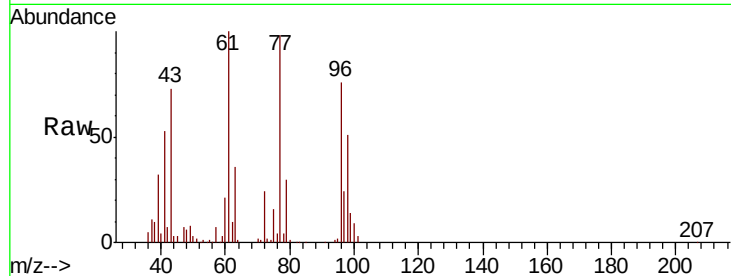




#27
 cis-1,2-Dichloroethene
 Concen: 20.348 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW015253.D
 Acq: 21 Apr 2020 11:19

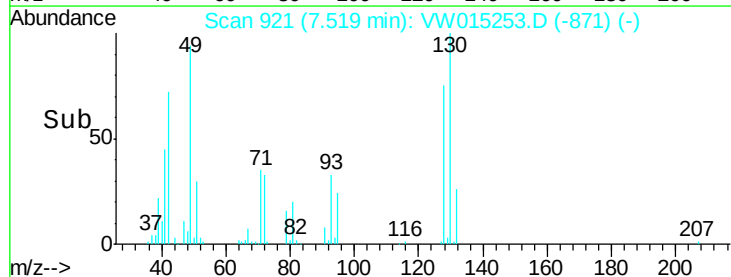
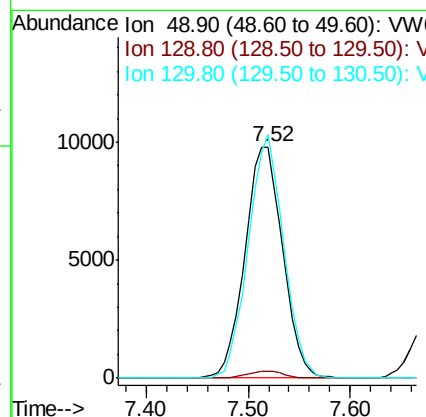
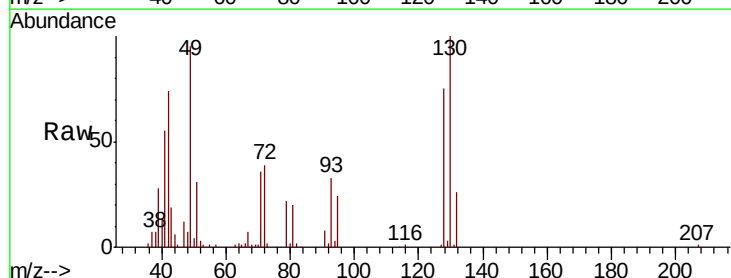
Instrument :
 MSVOA_W
 ClientSampled :

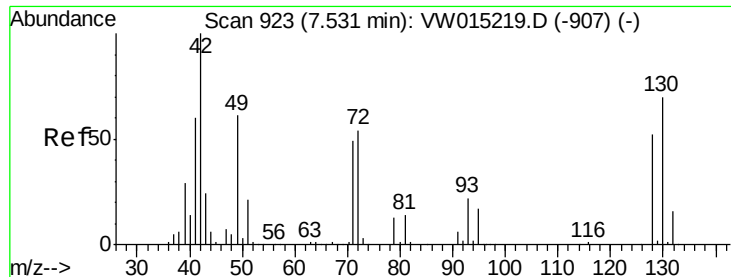
Tot Ion: 96 Resp: 48842
 Ion Ratio Lower Upper
 96 100
 61 134.3 0.0 275.0
 98 65.1 0.0 130.8



#28
 Bromochloromethane
 Concen: 20.078 ug/l
 RT: 7.52 min Scan# 921
 Delta R.T. 0.01 min
 Lab File: VW015253.D
 Acq: 21 Apr 2020 11:19

Tgt Ion: 49 Resp: 25241
 Ion Ratio Lower Upper
 49 100
 129 2.7 0.0 4.6
 130 98.5 60.9 91.3#





#29

Tetrahydrofuran

Concen: 111.138 ug/l

RT: 7.53 min Scan# 923

Delta R.T. 0.00 min

Lab File: VW015253.D

Acq: 21 Apr 2020 11:19

Instrument :

MSVOA_W

ClientSampleId :

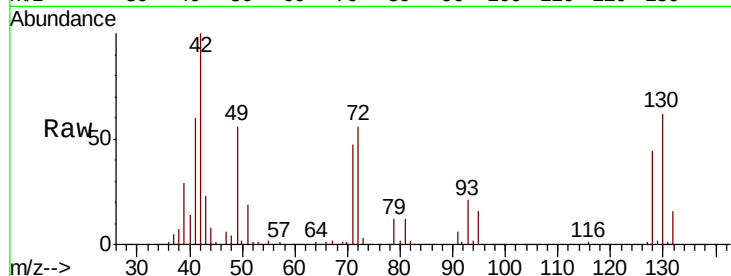
Tot Ion: 42 Resp: 30157

Ion Ratio Lower Upper

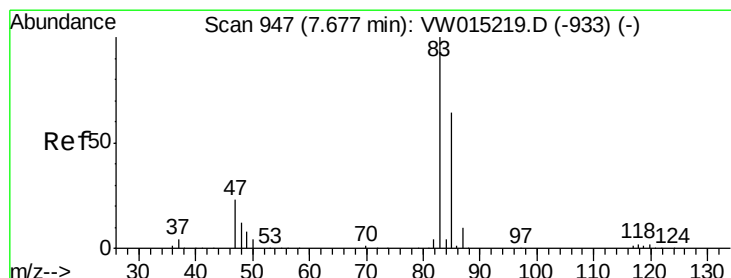
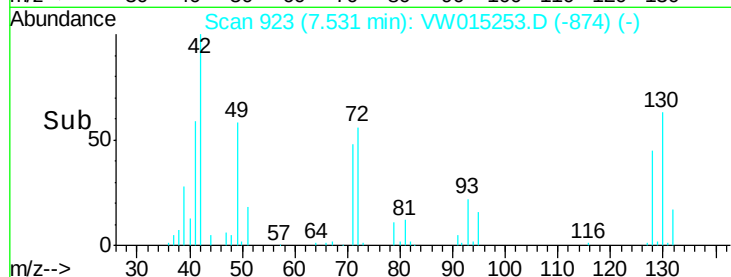
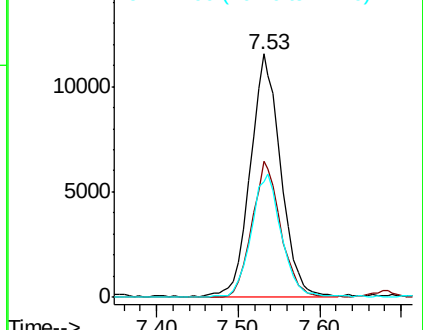
42 100

72 52.7 36.2 54.2

71 50.6 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: 19.966 ug/l

RT: 7.68 min Scan# 947

Delta R.T. 0.00 min

Lab File: VW015253.D

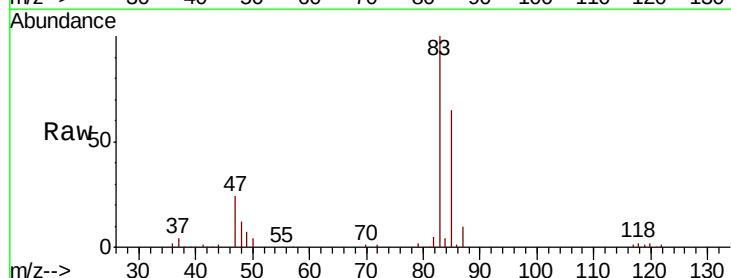
Acq: 21 Apr 2020 11:19

Tgt Ion: 83 Resp: 74511

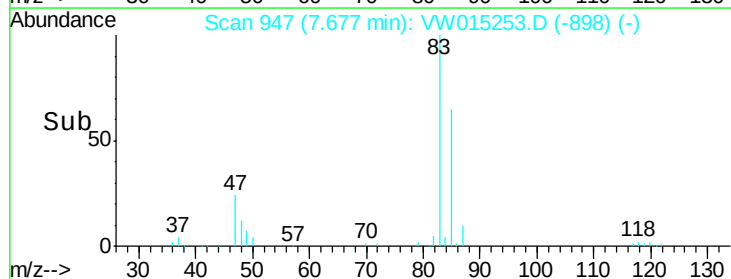
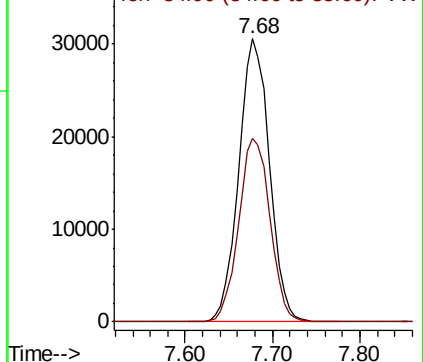
Ion Ratio Lower Upper

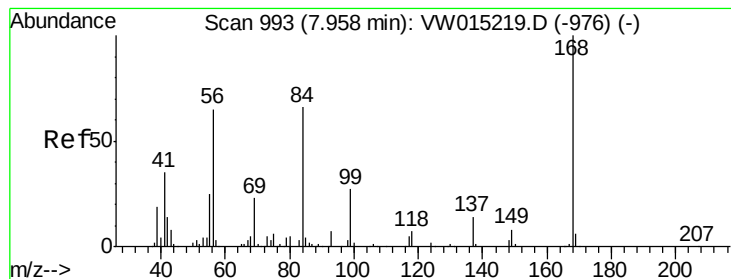
83 100

85 64.8 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: 18.840 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW015253.D

Acq: 21 Apr 2020 11:19

Instrument :

MSVOA_W

ClientSampled :

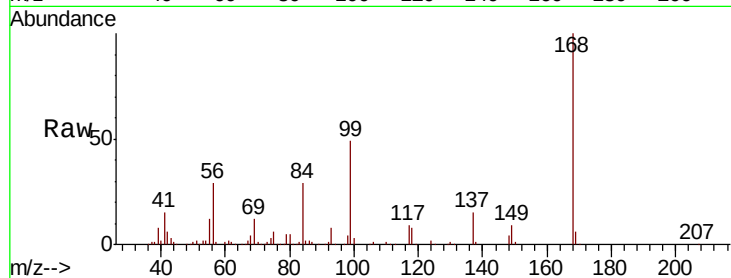
Tot Ion: 56 Resp: 65482

Ion Ratio Lower Upper

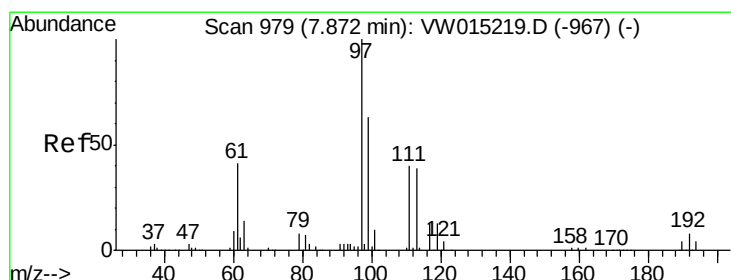
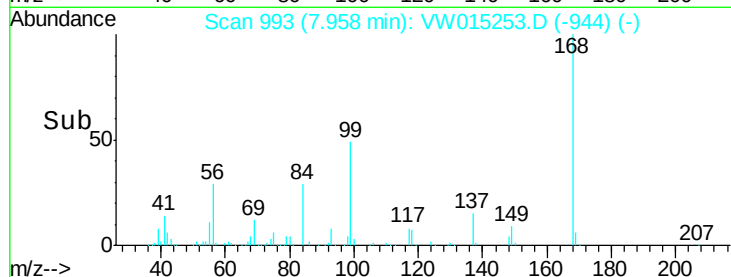
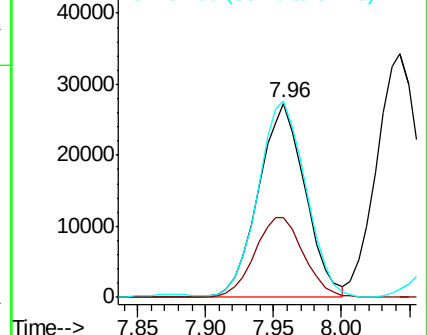
56 100

69 41.0 27.1 40.7#

84 100.0 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: 19.559 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW015253.D

Acq: 21 Apr 2020 11:19

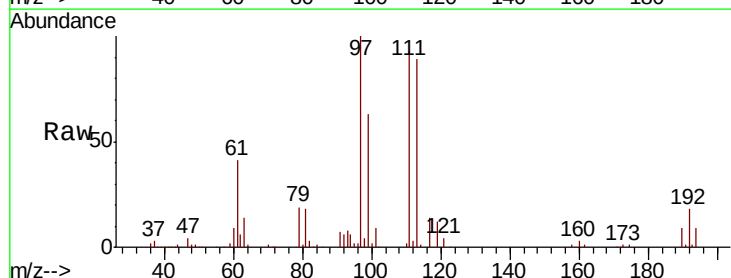
Tgt Ion: 97 Resp: 70446

Ion Ratio Lower Upper

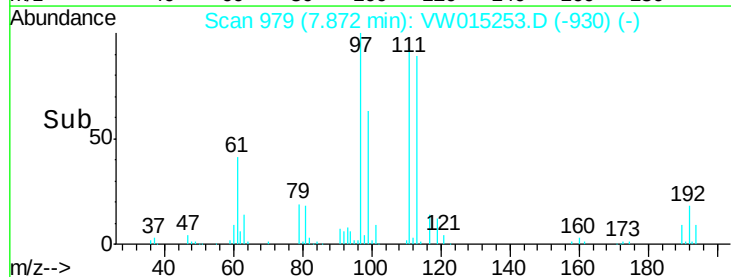
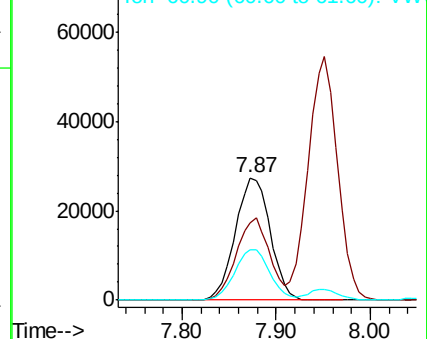
97 100

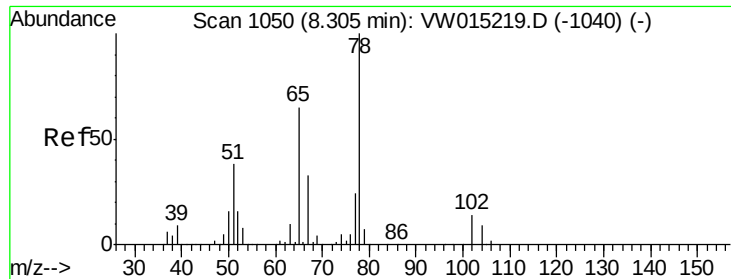
99 63.9 52.2 78.2

61 41.7 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

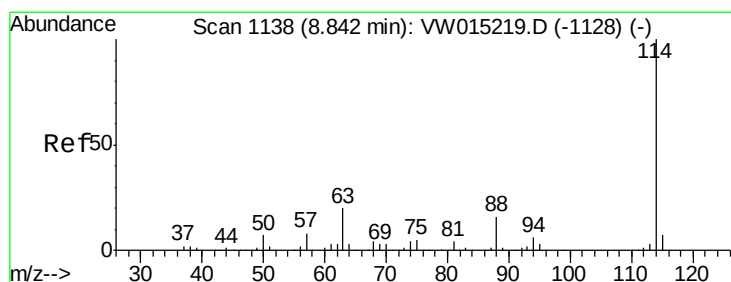
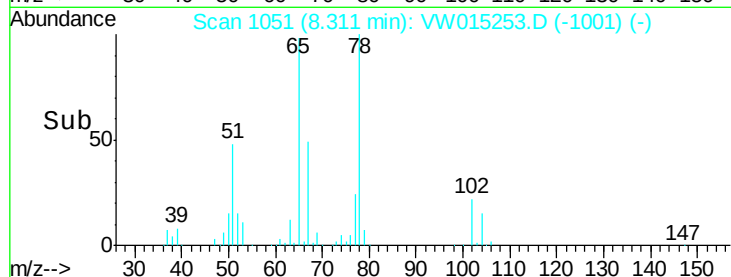
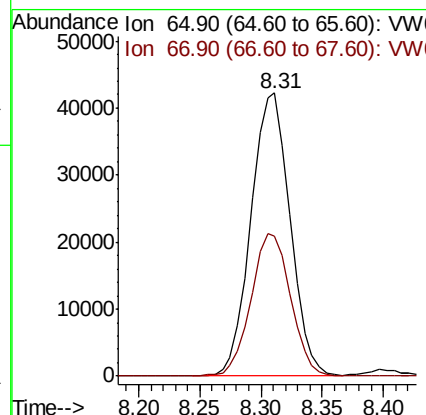
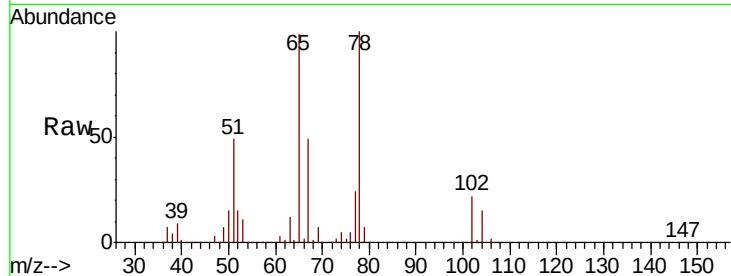




#33
 1,2-Dichloroethane-d4
 Concen: 50.100 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: VW015253.D
 Acq: 21 Apr 2020 11:19

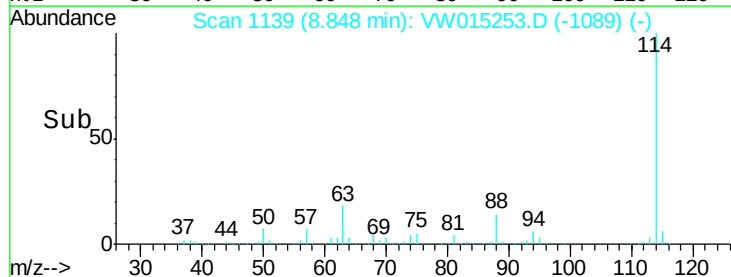
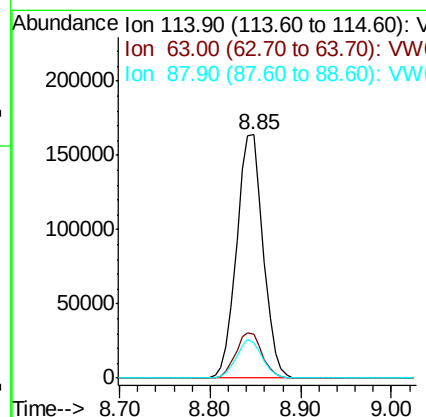
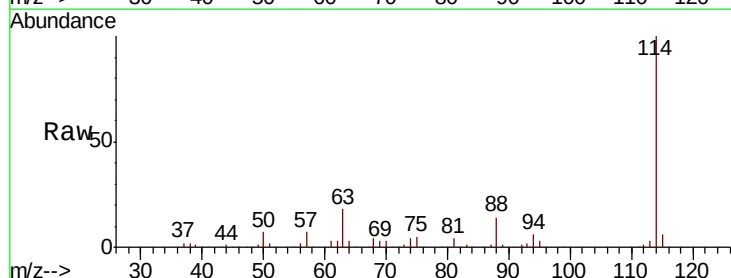
Instrument :
 MSVOA_W
 ClientSampleId :

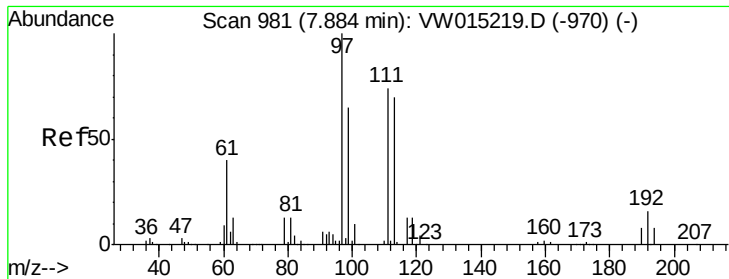
Tot Ion: 65 Resp: 94164
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW015253.D
 Acq: 21 Apr 2020 11:19

Tgt Ion: 114 Resp: 332009
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 39.8
 88 14.4 0.0 30.2





#35

Dibromofluoromethane

Concen: 49.869 ug/l

RT: 7.88 min Scan# 981

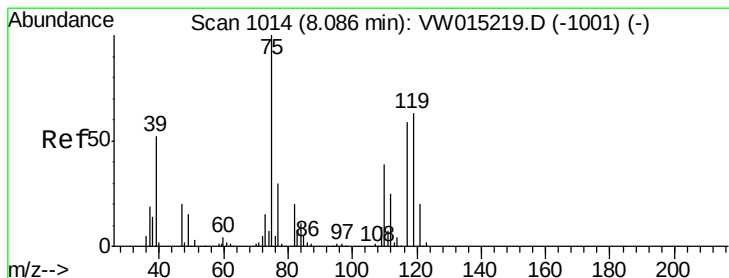
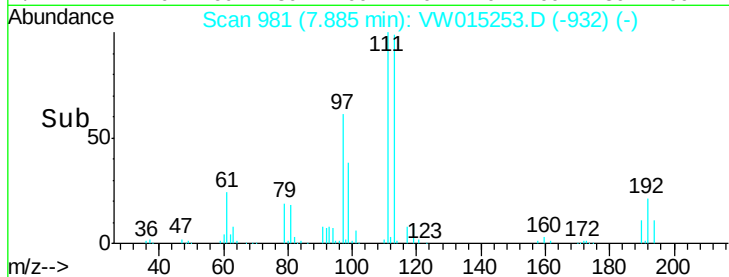
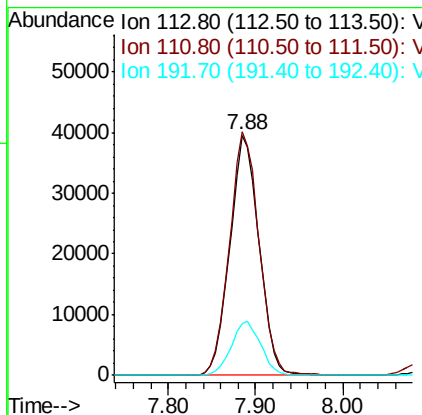
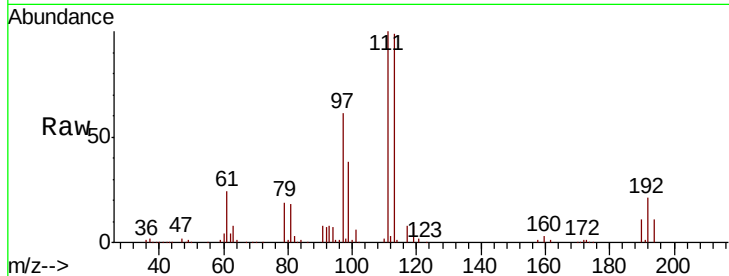
Delta R.T. 0.00 min

Lab File: VW015253.D

Acq: 21 Apr 2020 11:19

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:113	Resp:	91712
Ion Ratio	Lower	Upper
113	100	
111	103.1	83.0 124.4
192	22.5	15.1 22.7



#36

1,1-Dichloropropene

Concen: 19.684 ug/l

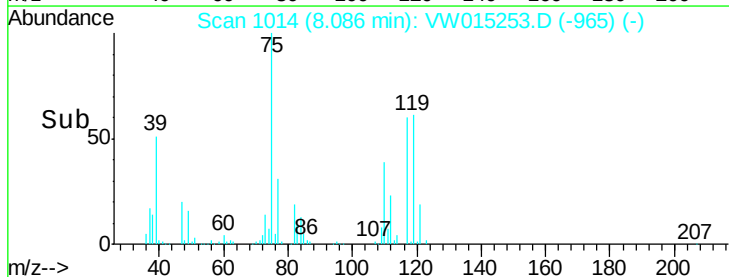
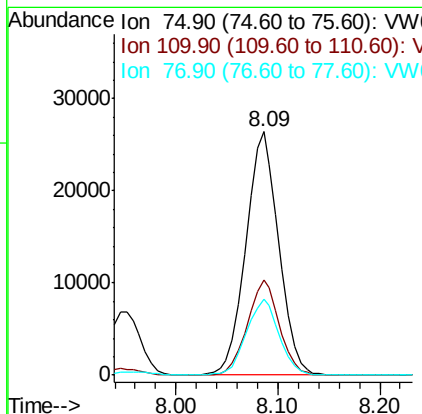
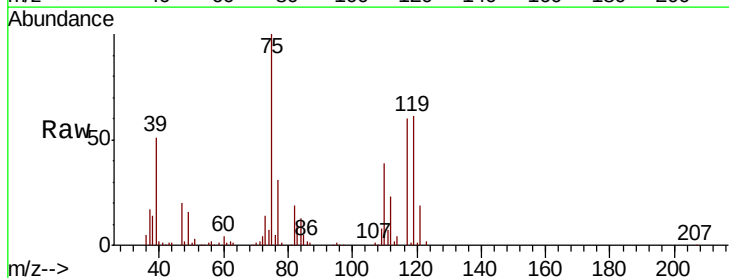
RT: 8.09 min Scan# 1014

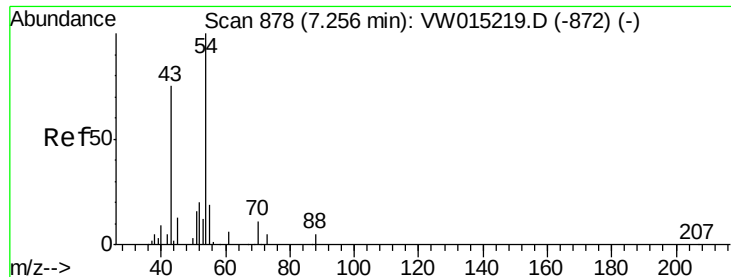
Delta R.T. 0.00 min

Lab File: VW015253.D

Acq: 21 Apr 2020 11:19

Tgt Ion: 75	Resp:	58984
Ion Ratio	Lower	Upper
75	100	
110	38.0	18.2 54.6
77	31.1	24.5 36.7

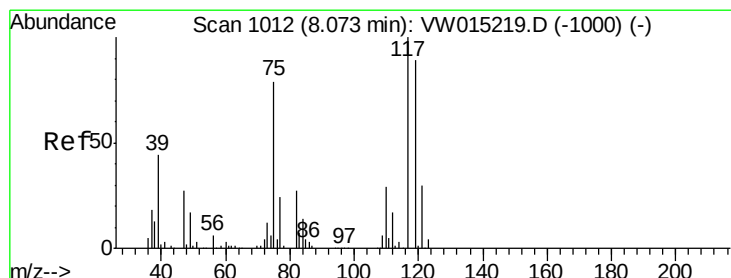
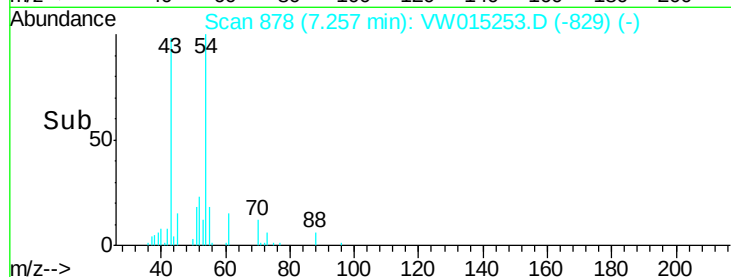
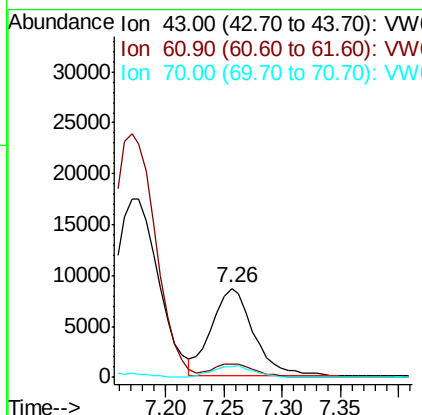
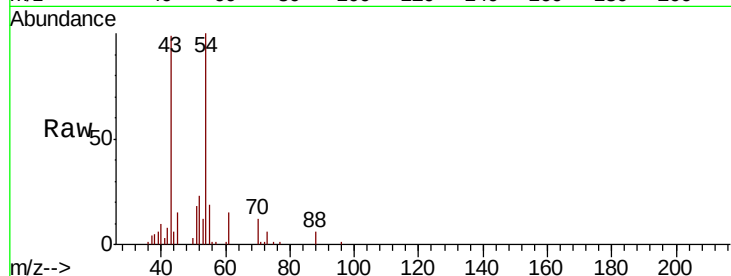




#37
Ethyl Acetate
Concen: 22.004 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW015253.D
Acq: 21 Apr 2020 11:19

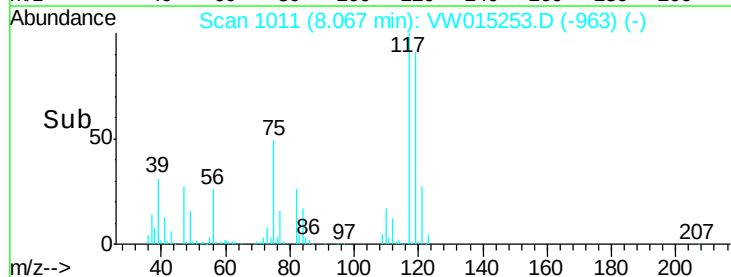
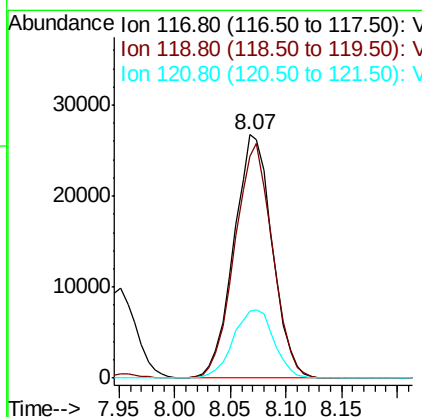
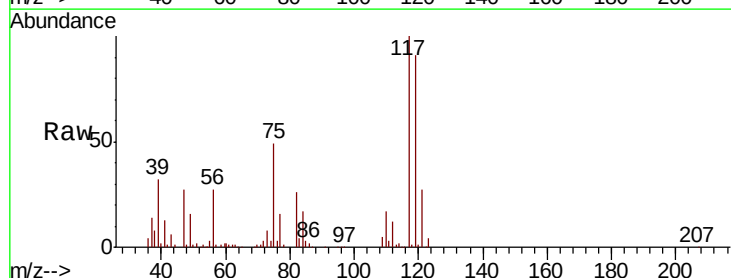
Instrument :
MSVOA_W
ClientSampleId :

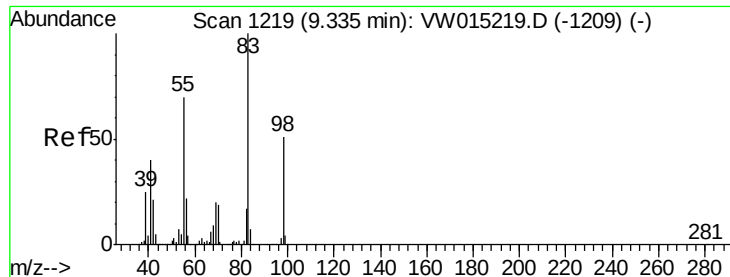
Tot Ion: 43 Resp: 21399
Ion Ratio Lower Upper
43 100
61 16.1 11.9 17.9
70 13.8 8.8 13.2#



#38
Carbon Tetrachloride
Concen: 19.500 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW015253.D
Acq: 21 Apr 2020 11:19

Tgt Ion: 117 Resp: 63856
Ion Ratio Lower Upper
117 100
119 91.1 72.3 108.5
121 27.3 23.7 35.5

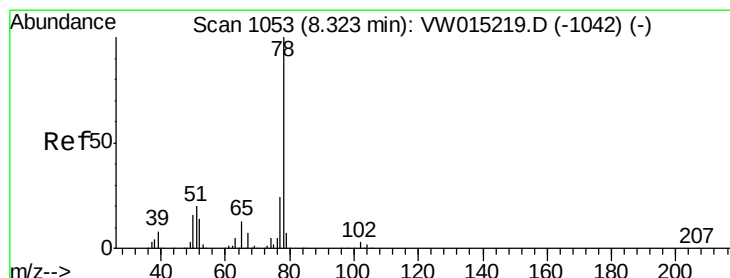
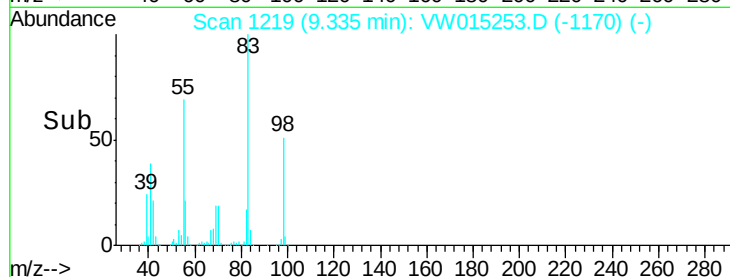
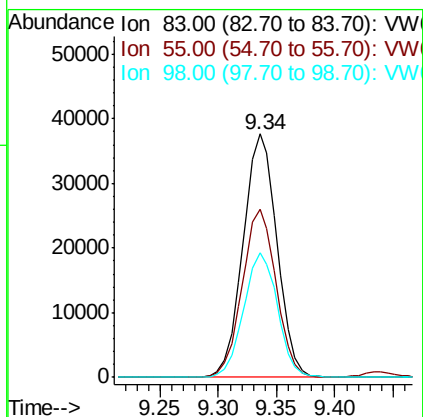
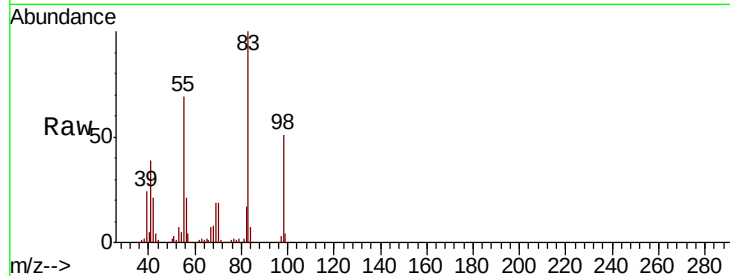




#39
Methylcyclohexane
Concen: 19.214 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW015253.D
Acq: 21 Apr 2020 11:19

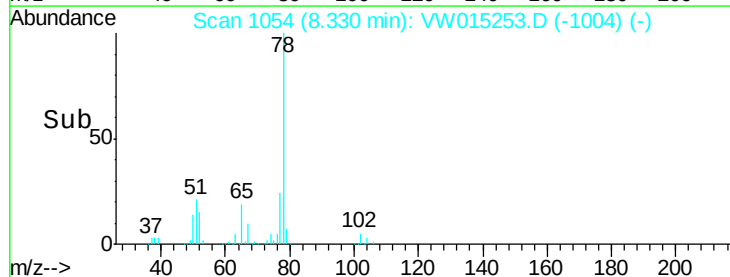
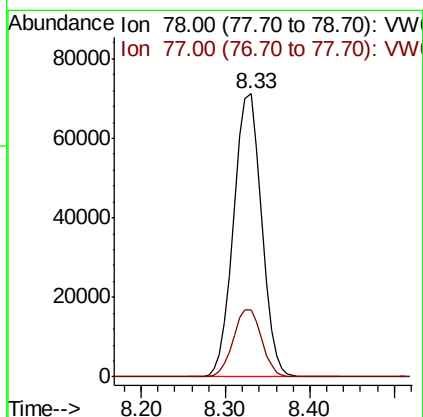
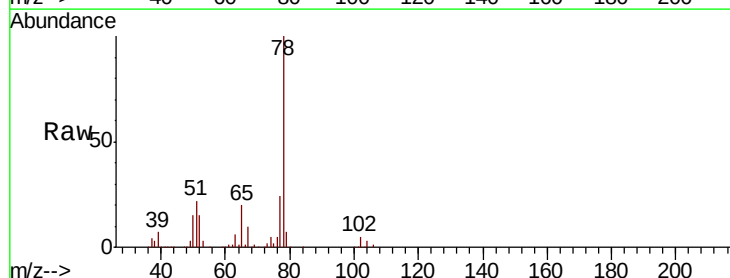
Instrument :
MSVOA_W
ClientSampled :

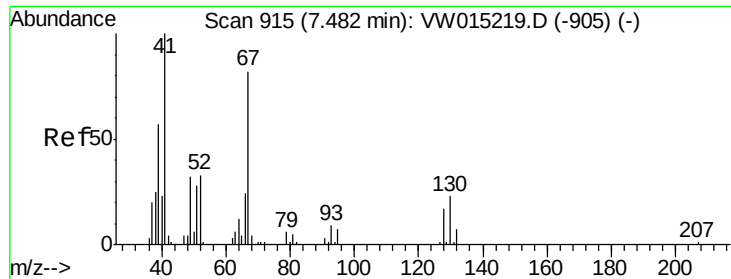
Tot Ion: 83 Resp: 76632
Ion Ratio Lower Upper
83 100
55 68.7 58.1 87.1
98 51.1 40.2 60.4



#40
Benzene
Concen: 19.851 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.01 min
Lab File: VW015253.D
Acq: 21 Apr 2020 11:19

Tgt Ion: 78 Resp: 158902
Ion Ratio Lower Upper
78 100
77 23.9 18.2 27.2

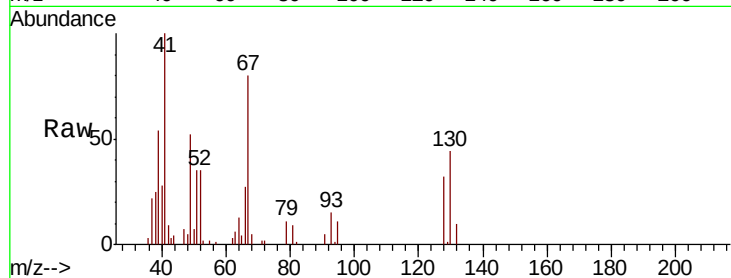




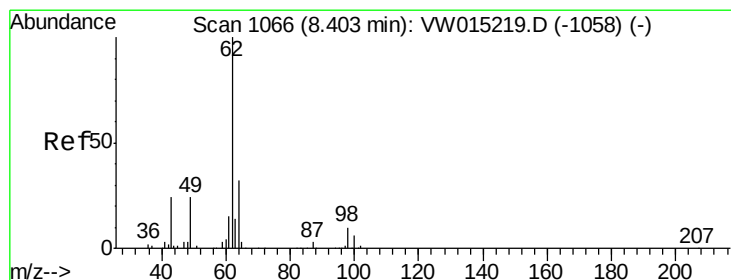
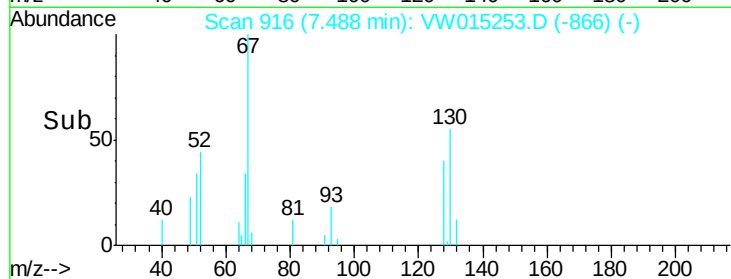
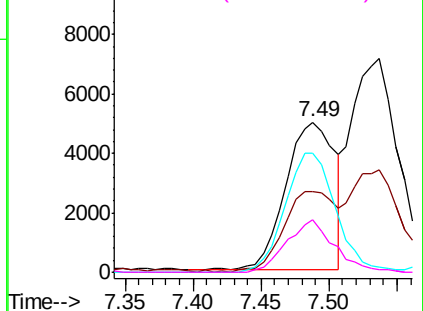
#41
Methacrylonitrile
Concen: 21.245 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW015253.D
Acq: 21 Apr 2020 11:19

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:	41	Resp:	12397
Ion	Ratio	Lower	Upper
41	100		
39	58.0	41.9	62.9
67	83.6	60.6	91.0
52	34.7	23.8	35.8

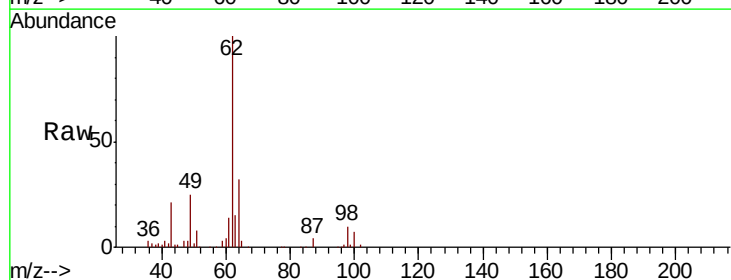


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

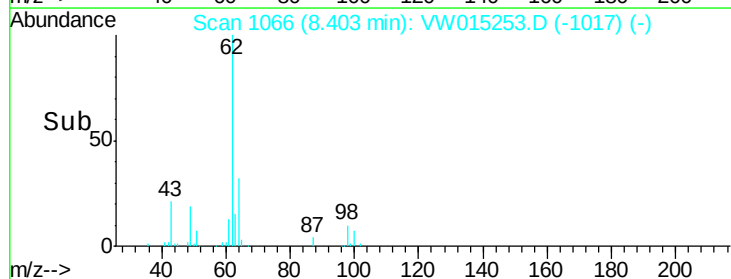
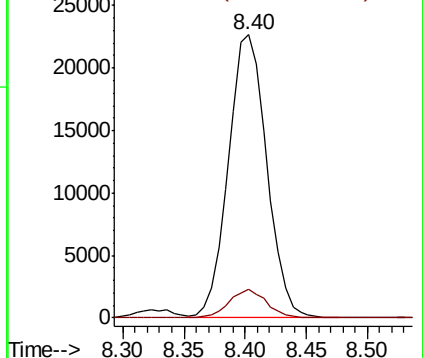


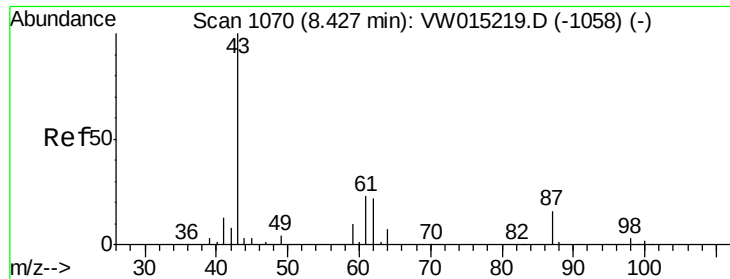
#42
1,2-Dichloroethane
Concen: 20.931 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW015253.D
Acq: 21 Apr 2020 11:19

Tgt Ion:	62	Resp:	49324
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	20.4



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





#43

Isopropyl Acetate

Concen: 21.740 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW015253.D

Acq: 21 Apr 2020 11:19

Instrument :

MSVOA_W

ClientSampled :

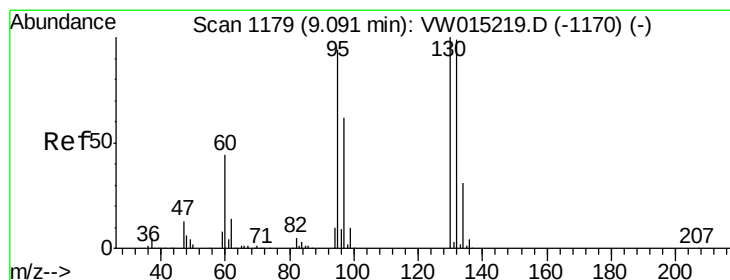
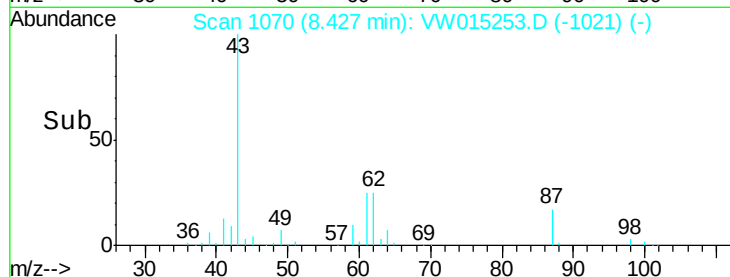
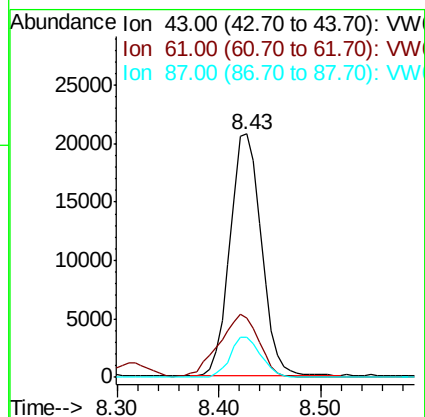
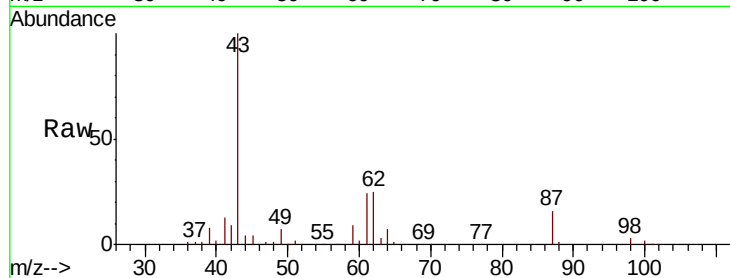
Tot Ion: 43 Resp: 44344

Ion Ratio Lower Upper

43 100

61 33.0 24.8 37.2

87 16.2 11.4 17.2



#44

Trichloroethene

Concen: 19.858 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. 0.01 min

Lab File: VW015253.D

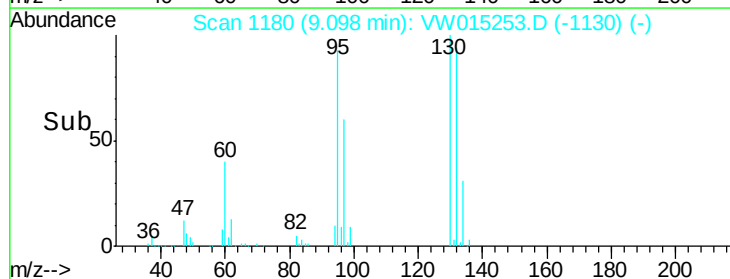
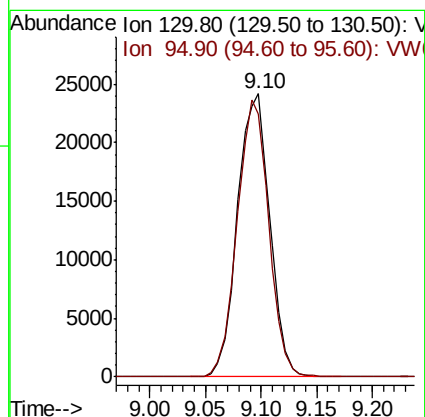
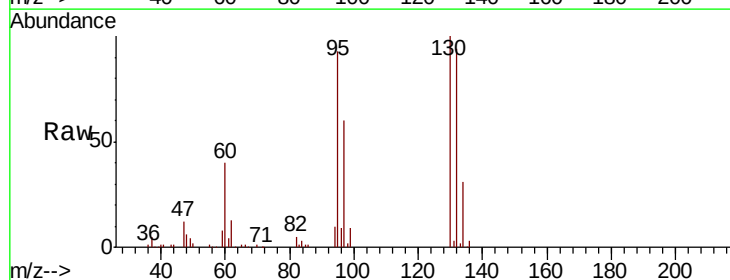
Acq: 21 Apr 2020 11:19

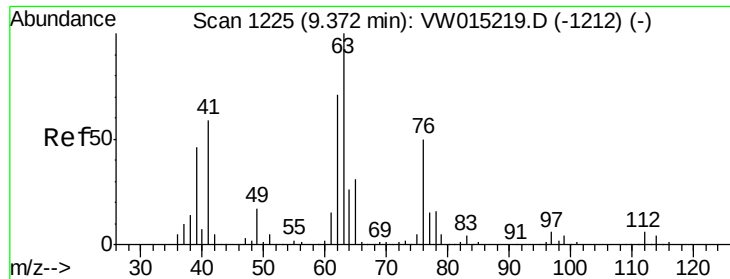
Tgt Ion:130 Resp: 48622

Ion Ratio Lower Upper

130 100

95 92.7 0.0 196.4

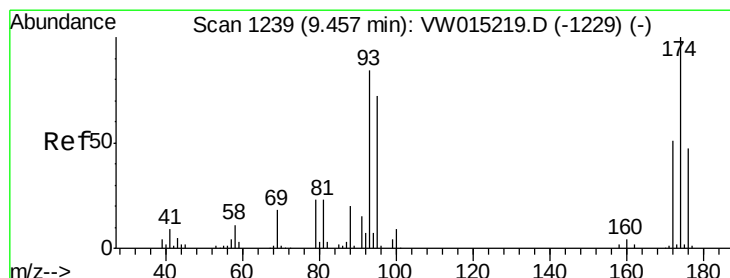
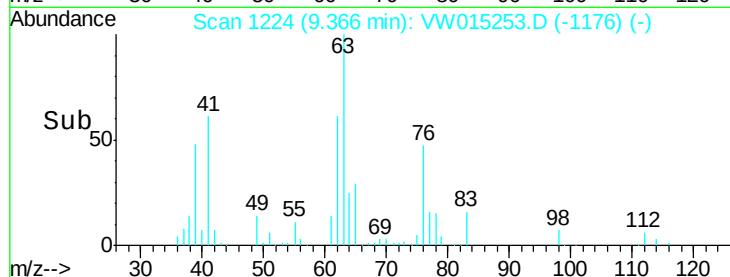
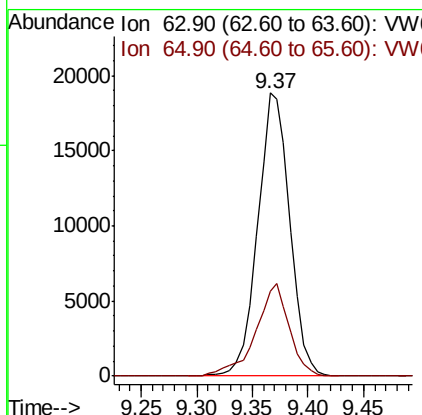
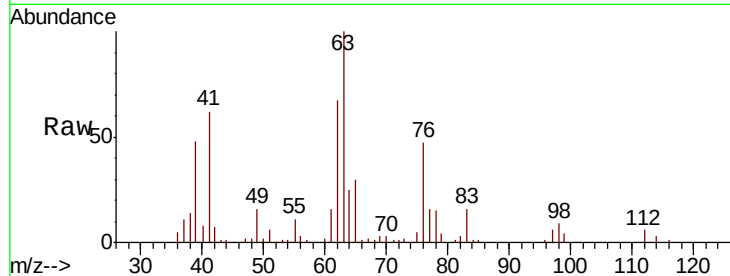




#45
 1,2-Dichloropropane
 Concen: 20.302 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: VW015253.D
 Acq: 21 Apr 2020 11:19

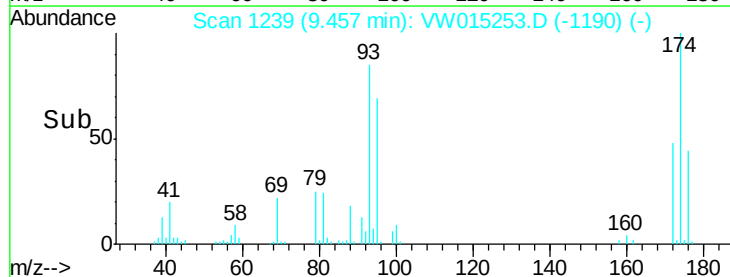
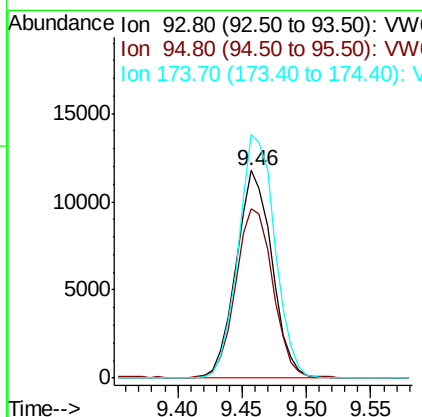
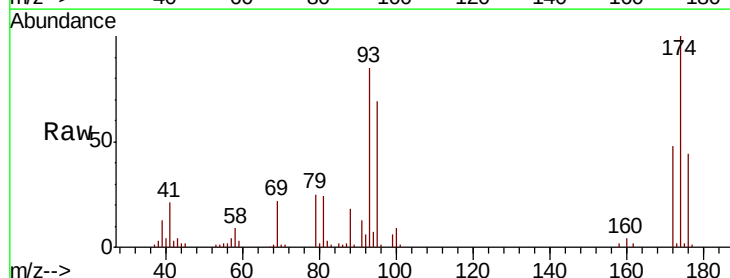
Instrument :
 MSVOA_W
 ClientSampled :

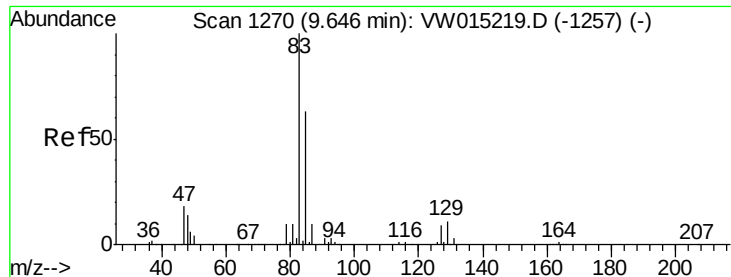
Tot Ion: 63 Resp: 37792
 Ion Ratio Lower Upper
 63 100
 65 29.8 25.5 38.3



#46
 Dibromomethane
 Concen: 21.103 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW015253.D
 Acq: 21 Apr 2020 11:19

Tgt Ion: 93 Resp: 22724
 Ion Ratio Lower Upper
 93 100
 95 84.7 67.5 101.3
 174 119.3 74.1 111.1#





#47

Bromodichloromethane

Concen: 19.941 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW015253.D

Acq: 21 Apr 2020 11:19

Instrument :

MSVOA_W

ClientSampled :

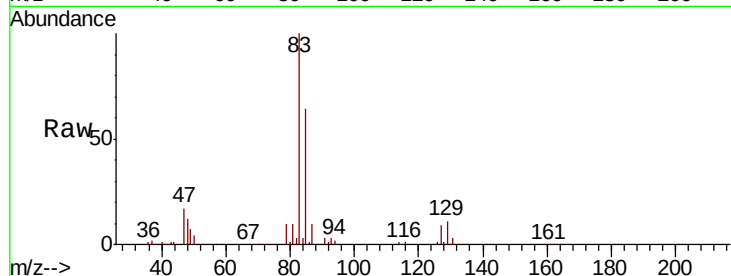
Tot Ion: 83 Resp: 57402

Ion Ratio Lower Upper

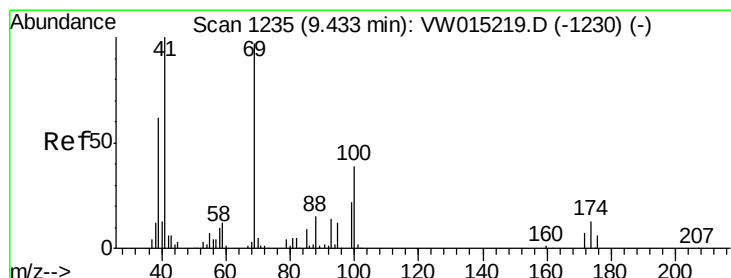
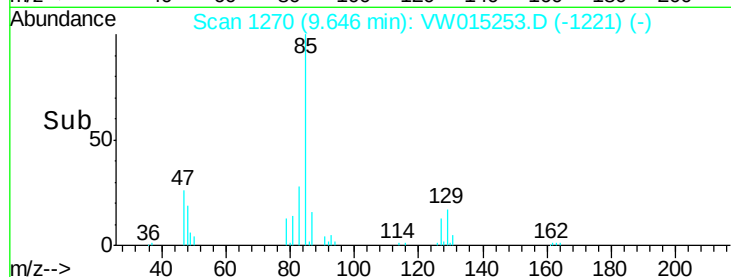
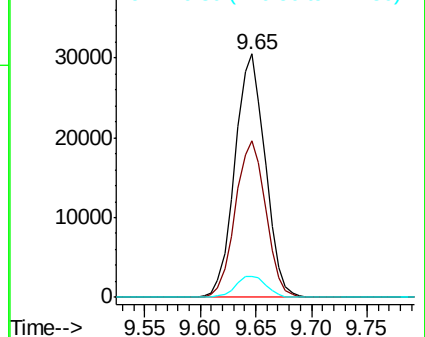
83 100

85 64.3 50.6 76.0

127 8.6 6.7 10.1



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



#48

Methyl methacrylate

Concen: 20.130 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.01 min

Lab File: VW015253.D

Acq: 21 Apr 2020 11:19

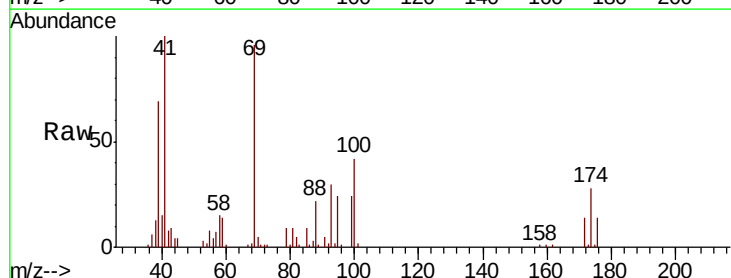
Tgt Ion: 41 Resp: 19410

Ion Ratio Lower Upper

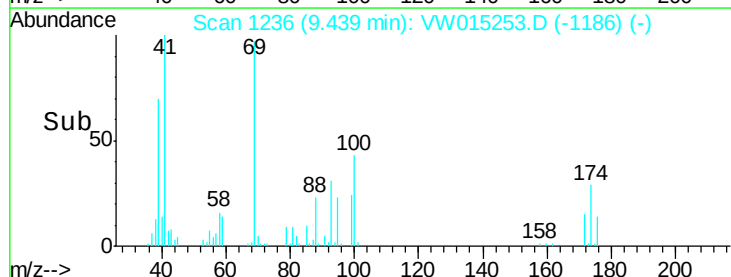
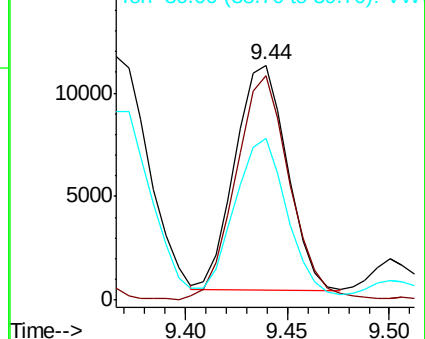
41 100

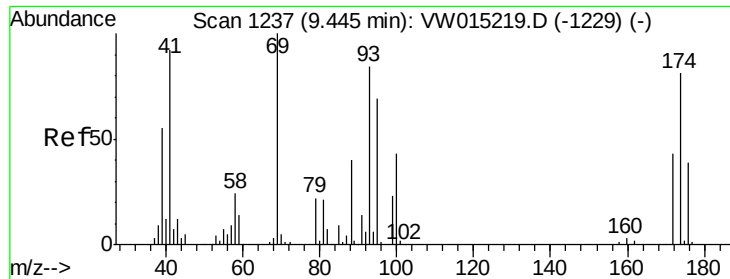
69 103.4 70.6 105.8

39 68.8 42.6 64.0#



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





#49

1,4-Dioxane

Concen: 434.414 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VW015253.D

Acq: 21 Apr 2020 11:19

Instrument :

MSVOA_W

ClientSampleId :

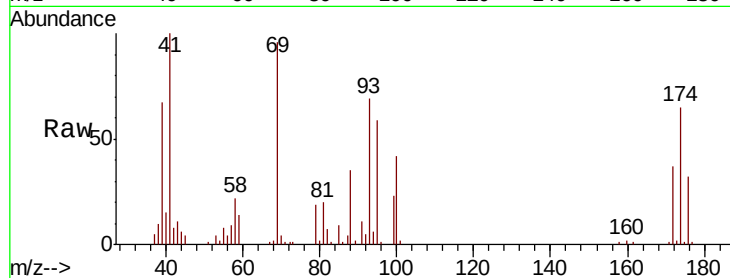
Tot Ion: 88 Resp: 6236

Ion Ratio Lower Upper

88 100

43 27.9 23.5 35.3

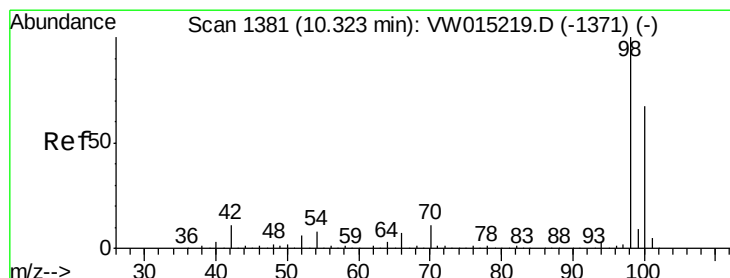
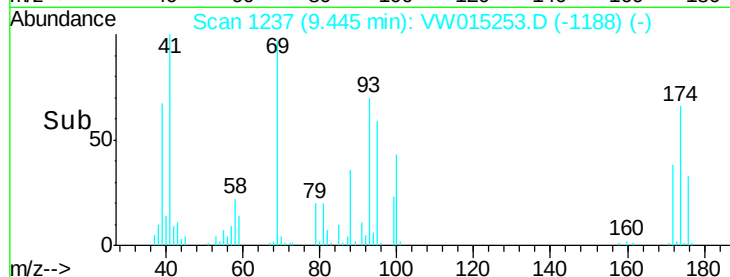
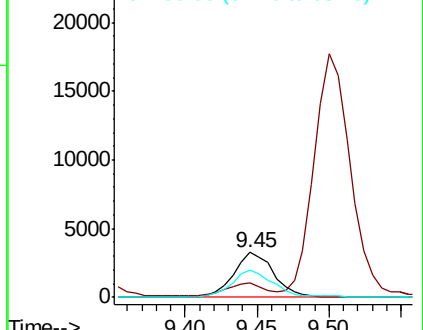
58 62.8 55.4 83.2



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 47.135 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW015253.D

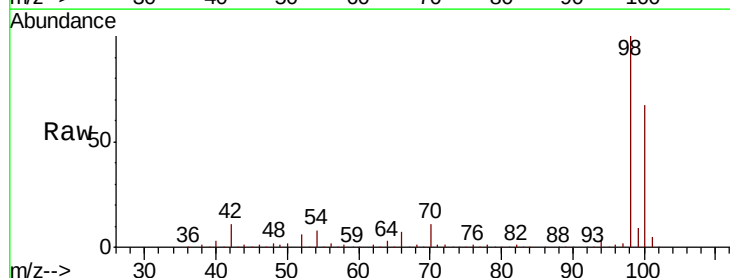
Acq: 21 Apr 2020 11:19

Tgt Ion: 98 Resp: 364652

Ion Ratio Lower Upper

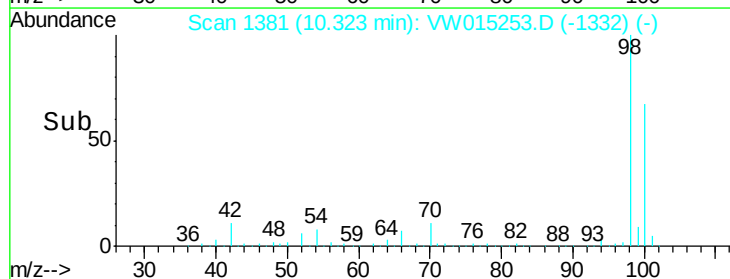
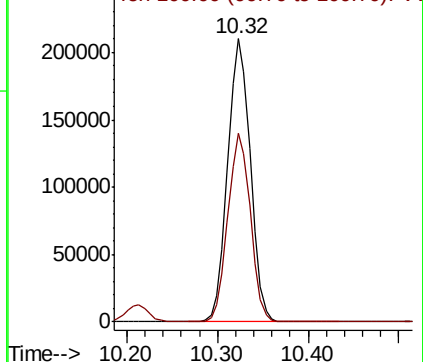
98 100

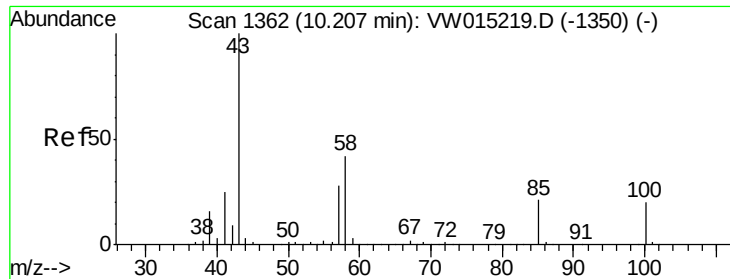
100 66.5 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 110.469 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW015253.D

Acq: 21 Apr 2020 11:19

Instrument :

MSVOA_W

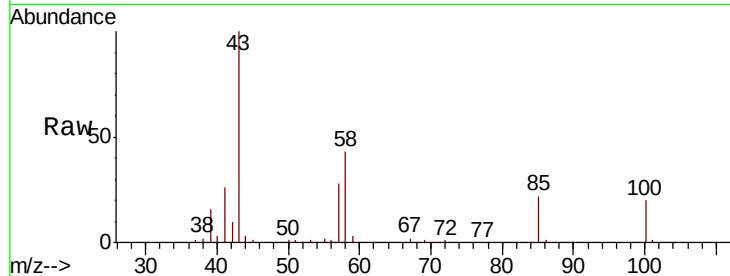
ClientSampled :

Tot Ion: 43 Resp: 105773

Ion Ratio Lower Upper

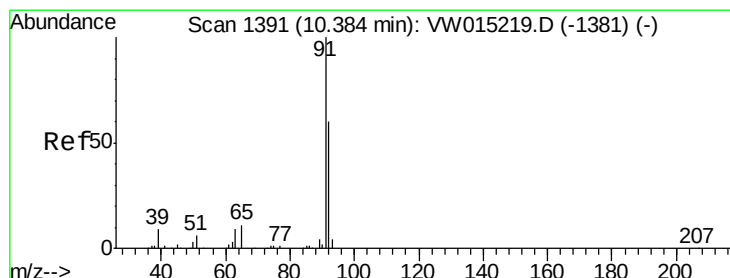
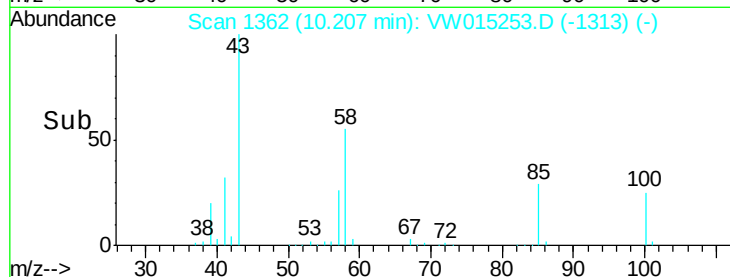
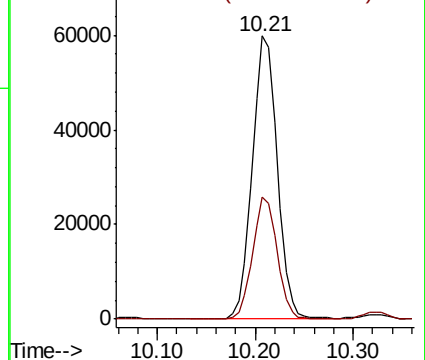
43 100

58 42.6 32.3 48.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 19.962 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW015253.D

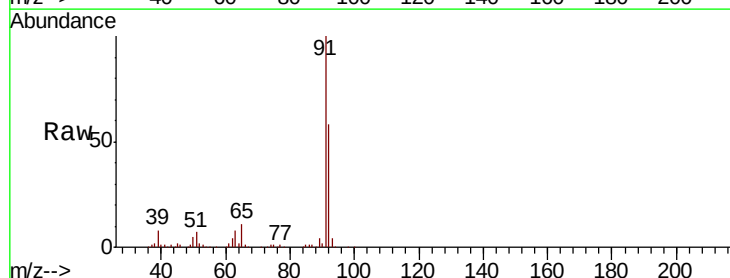
Acq: 21 Apr 2020 11:19

Tgt Ion: 92 Resp: 111830

Ion Ratio Lower Upper

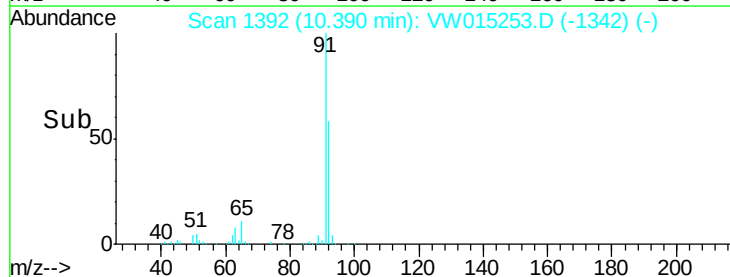
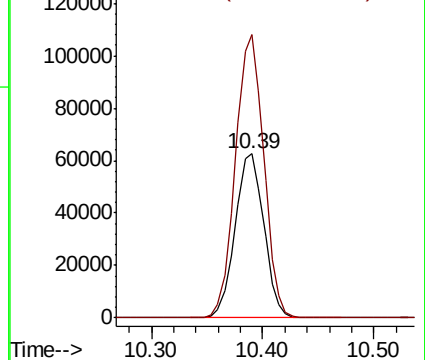
92 100

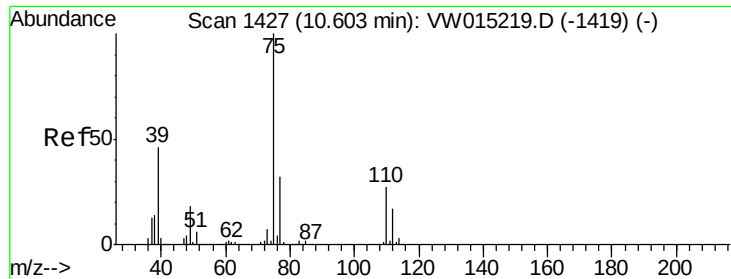
91 170.2 137.1 205.7



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





#53

t-1,3-Dichloropropene

Concen: 20.569 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW015253.D

Acq: 21 Apr 2020 11:19

Instrument :

MSVOA_W

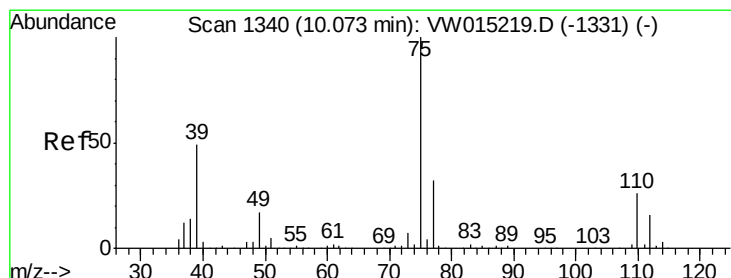
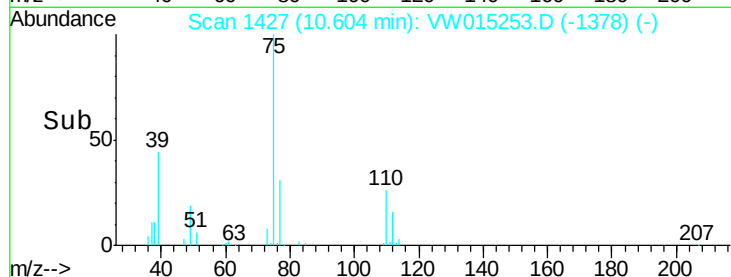
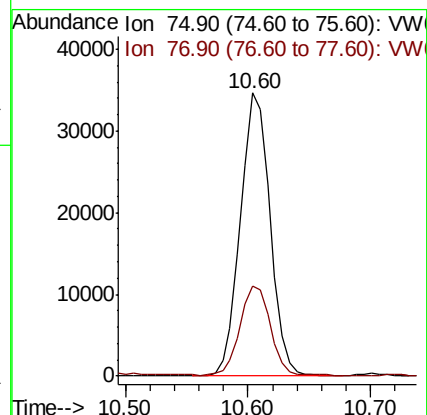
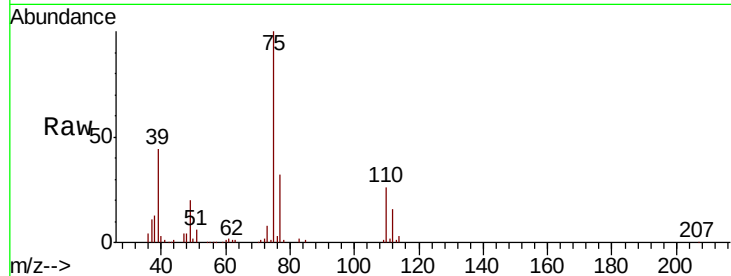
ClientSampleId :

Tot Ion: 75 Resp: 58382

Ion Ratio Lower Upper

75 100

77 31.3 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 20.579 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW015253.D

Acq: 21 Apr 2020 11:19

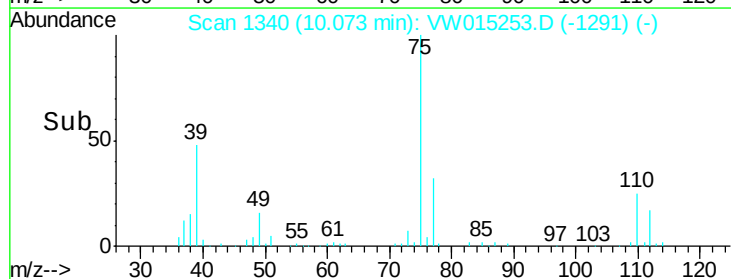
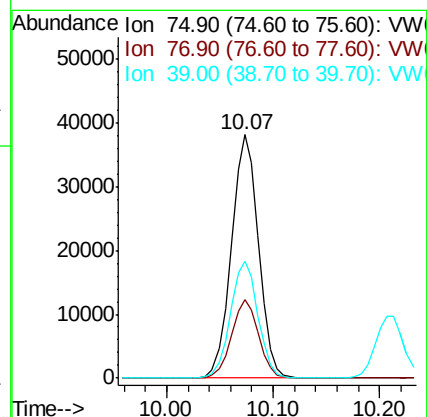
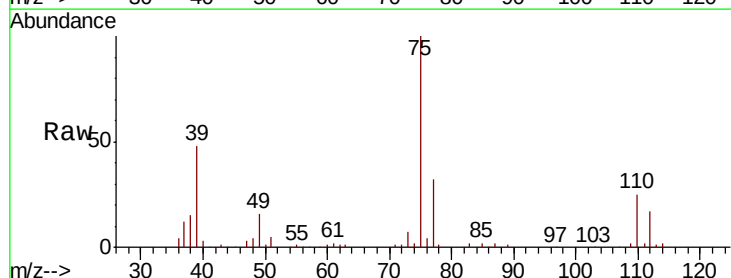
Tgt Ion: 75 Resp: 67894

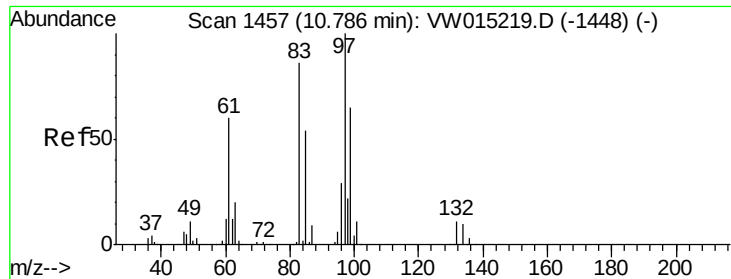
Ion Ratio Lower Upper

75 100

77 32.2 26.6 39.8

39 47.6 37.8 56.6

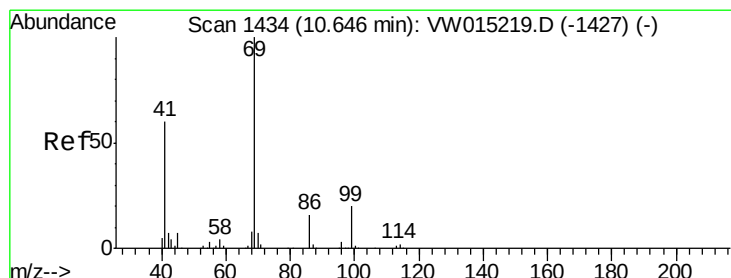
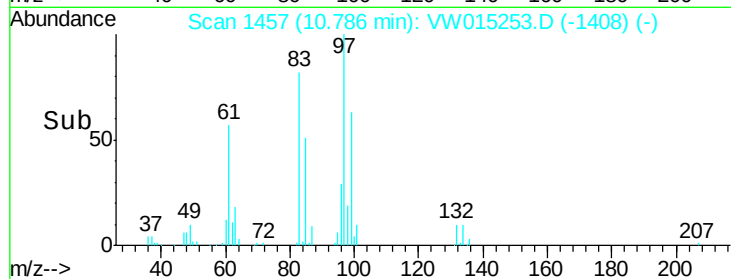
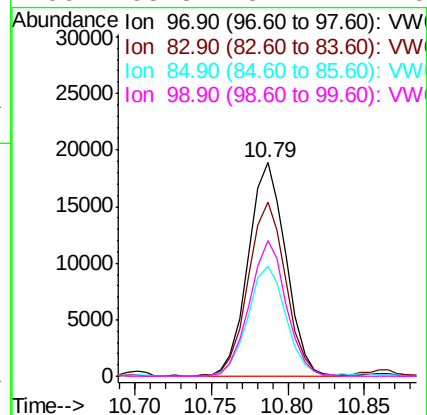
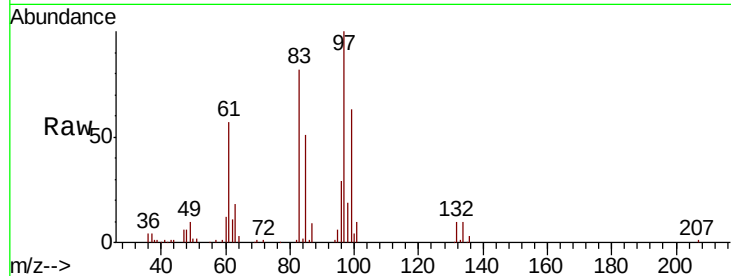




#55
 1,1,2-Trichloroethane
 Concen: 21.485 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW015253.D
 Acq: 21 Apr 2020 11:19

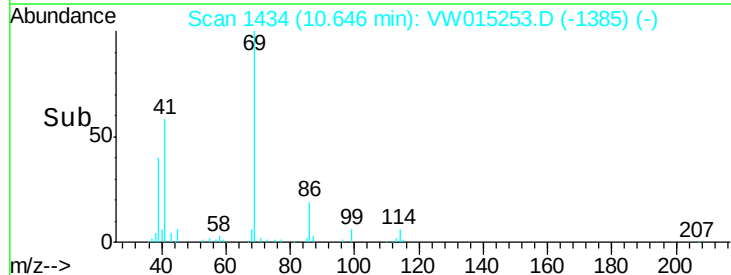
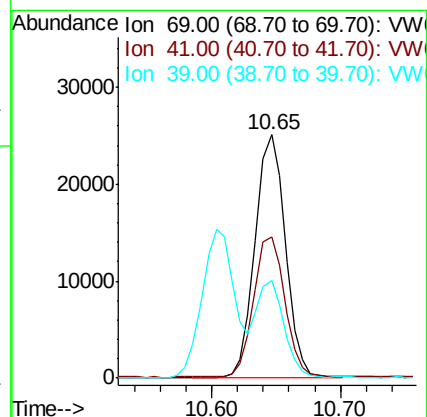
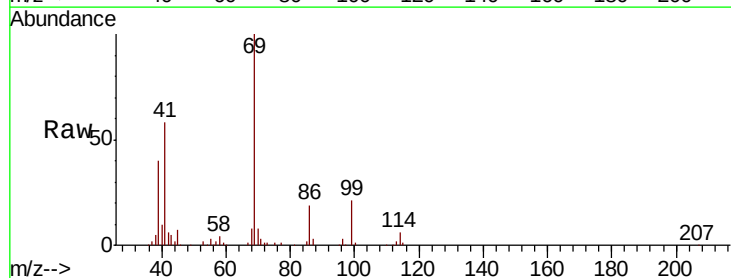
Instrument :
 MSVOA_W
 ClientSampled :

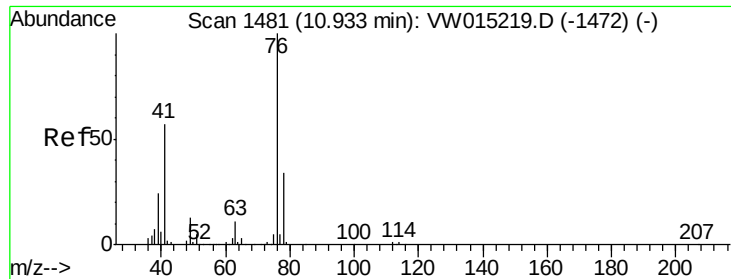
Tot Ion:	97	Resp:	32395
Ion	Ratio	Lower	Upper
97	100		
83	81.8	67.3	100.9
85	51.5	43.8	65.8
99	63.3	51.4	77.0



#56
 Ethyl methacrylate
 Concen: 21.066 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW015253.D
 Acq: 21 Apr 2020 11:19

Tgt Ion:	69	Resp:	40919
Ion	Ratio	Lower	Upper
69	100		
41	59.8	51.3	76.9
39	35.9	24.6	37.0

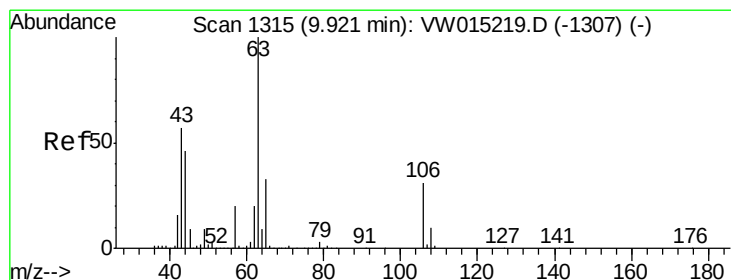
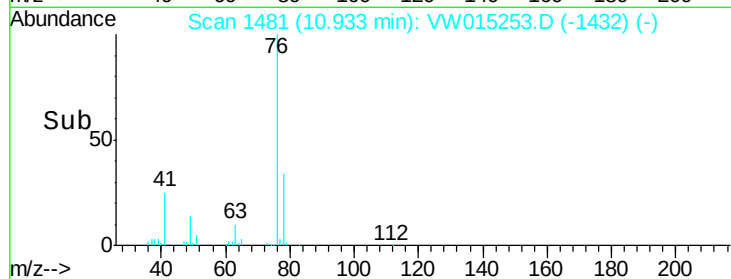
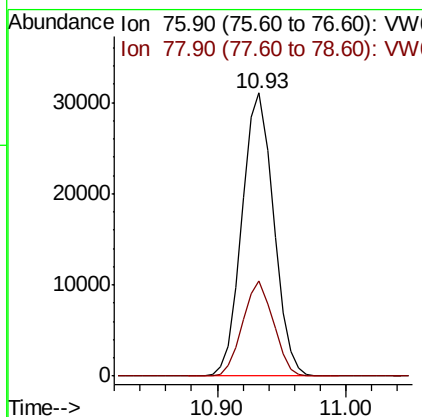
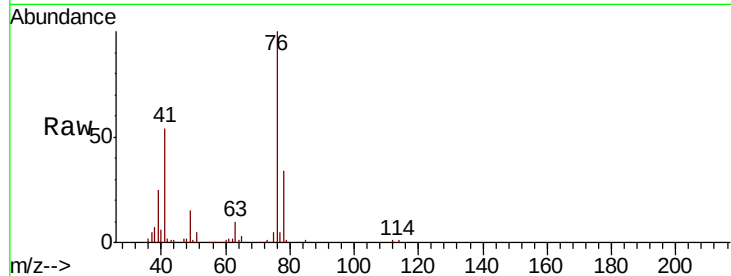




#57
 1,3-Dichloropropane
 Concen: 21.136 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW015253.D
 Acq: 21 Apr 2020 11:19

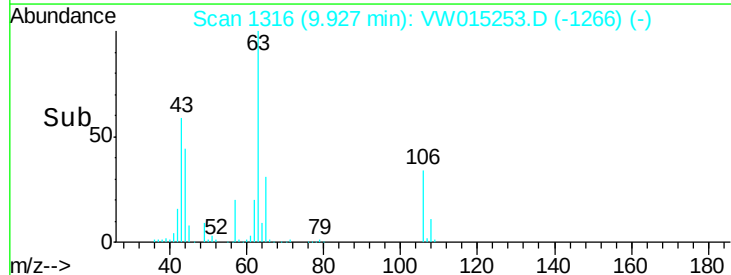
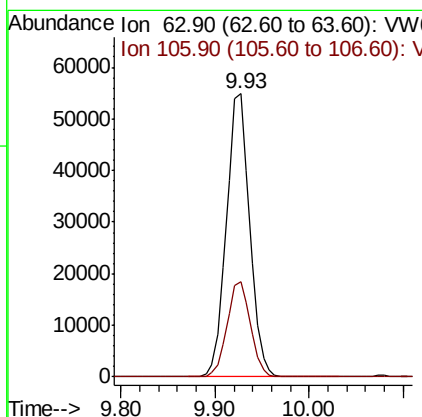
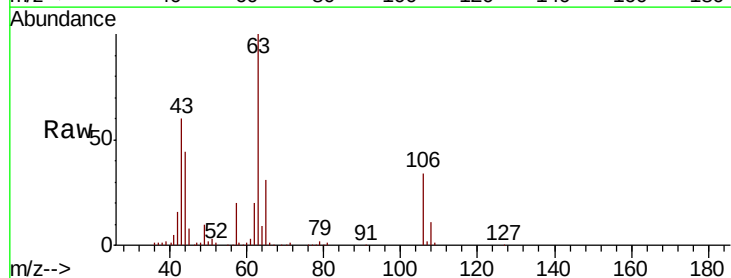
Instrument :
 MSVOA_W
 ClientSampleId :

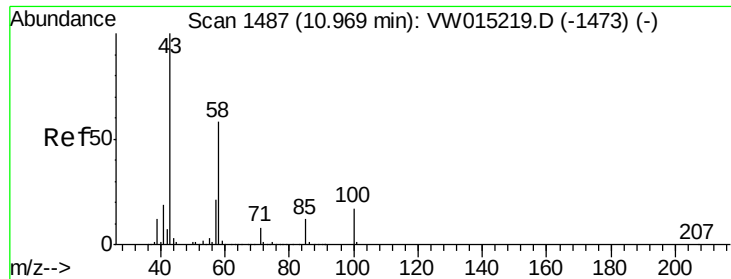
Tot Ion: 76 Resp: 52790
 Ion Ratio Lower Upper
 76 100
 78 32.7 26.2 39.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 104.626 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: VW015253.D
 Acq: 21 Apr 2020 11:19

Tgt Ion: 63 Resp: 94220
 Ion Ratio Lower Upper
 63 100
 106 33.6 22.6 33.8

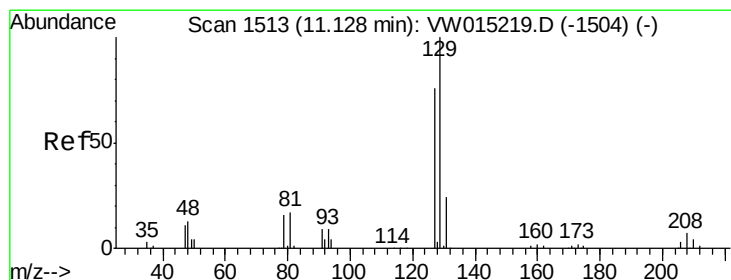
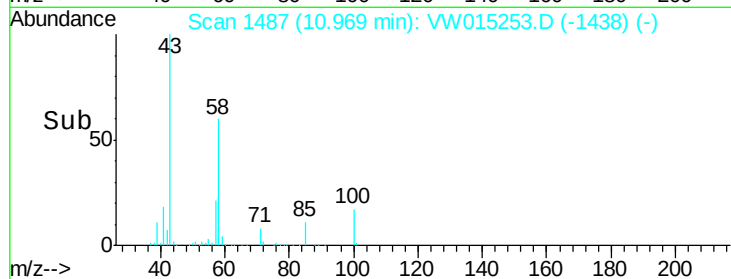
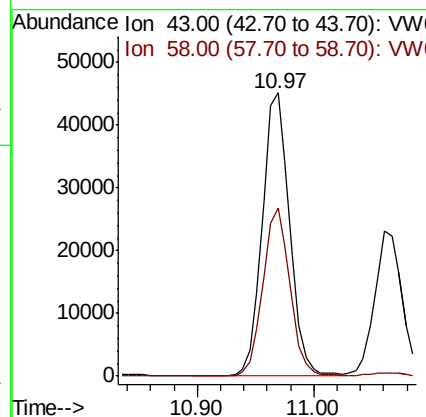
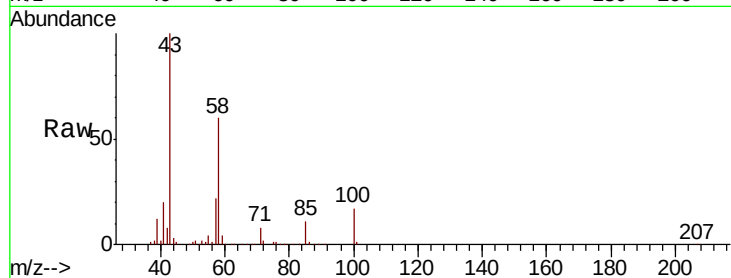




#59
2-Hexanone
Concen: 107.868 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW015253.D
Acq: 21 Apr 2020 11:19

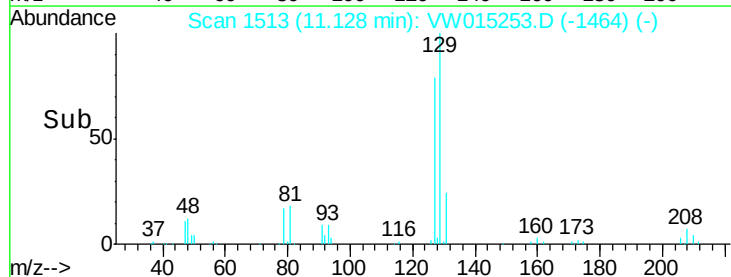
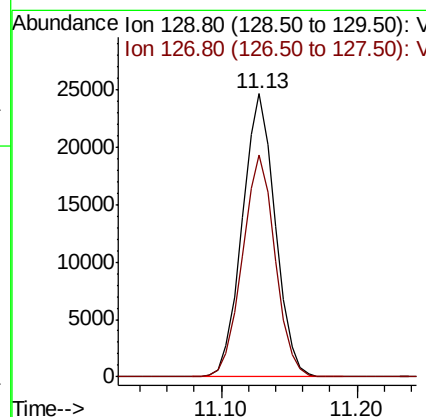
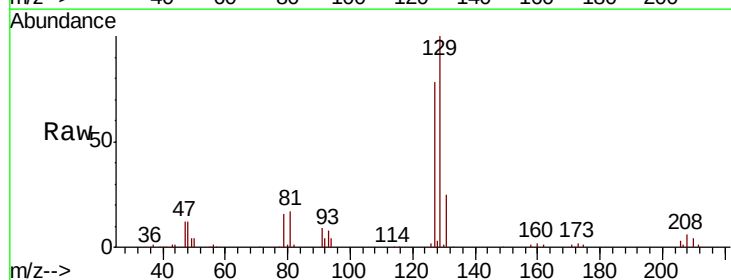
Instrument :
MSVOA_W
ClientSampled :

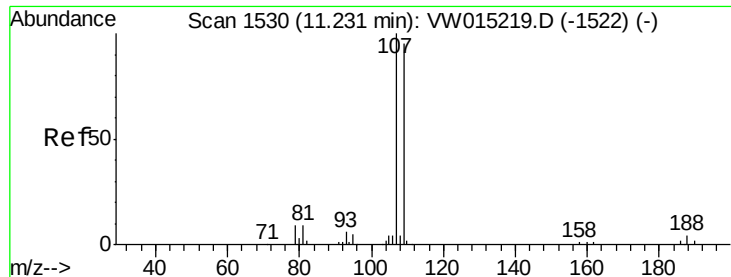
Tot Ion: 43 Resp: 73727
Ion Ratio Lower Upper
43 100
58 59.2 28.1 84.3



#60
Dibromochloromethane
Concen: 20.937 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW015253.D
Acq: 21 Apr 2020 11:19

Tgt Ion: 129 Resp: 41681
Ion Ratio Lower Upper
129 100
127 77.8 38.3 114.8

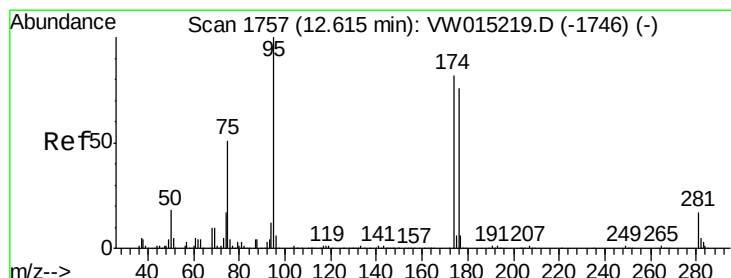
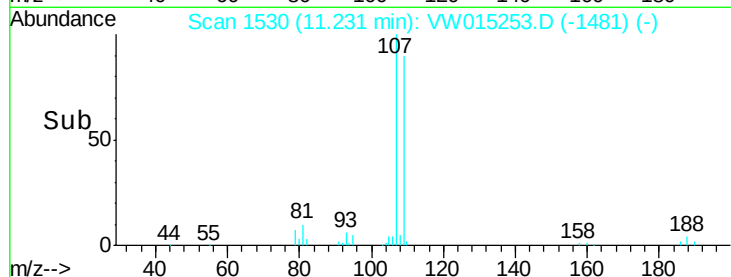
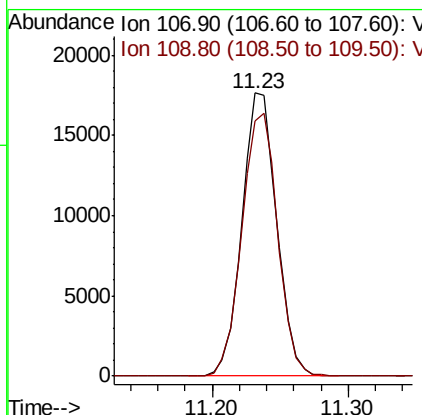
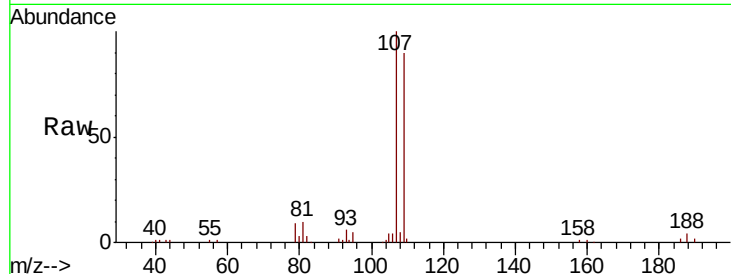




#61
 1,2-Dibromoethane
 Concen: 21.450 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VW015253.D
 Acq: 21 Apr 2020 11:19

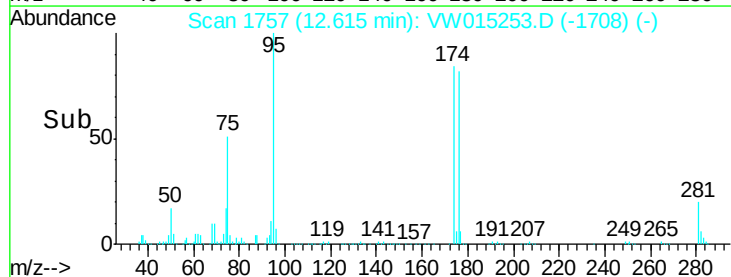
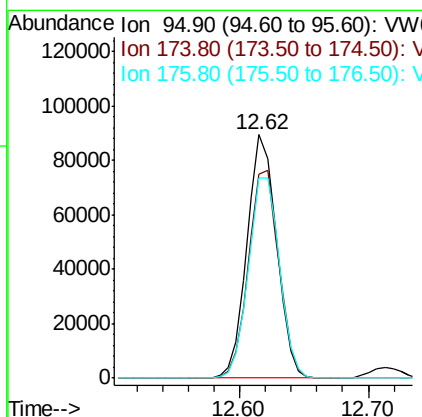
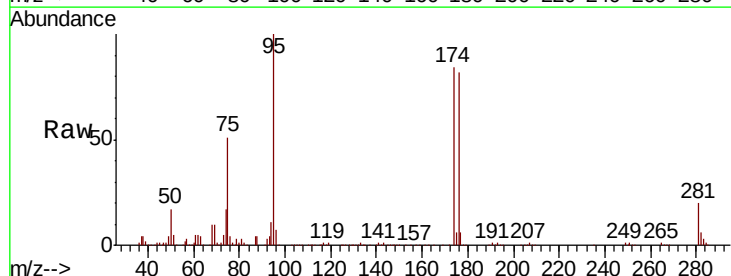
Instrument :
 MSVOA_W
 ClientSampleId :

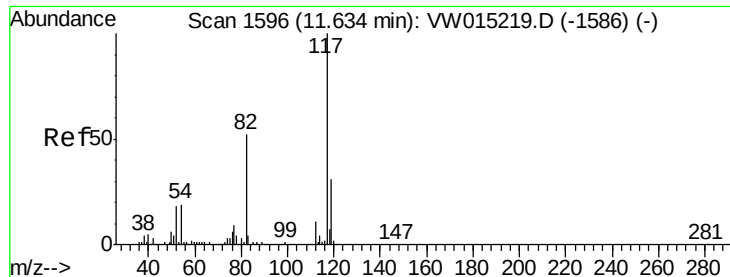
Tot Ion: 107 Resp: 31559
 Ion Ratio Lower Upper
 107 100
 109 95.6 74.3 111.5



#62
 4-Bromofluorobenzene
 Concen: 47.998 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VW015253.D
 Acq: 21 Apr 2020 11:19

Tgt Ion: 95 Resp: 141679
 Ion Ratio Lower Upper
 95 100
 174 87.7 0.0 144.4
 176 86.3 0.0 140.6

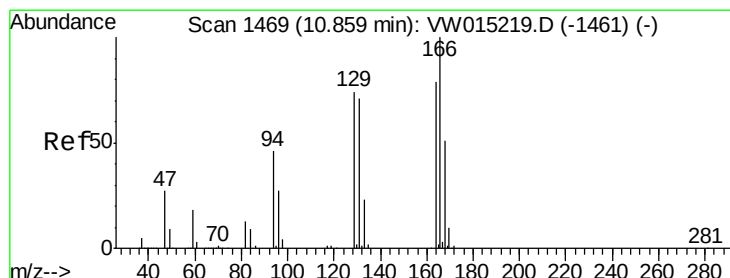
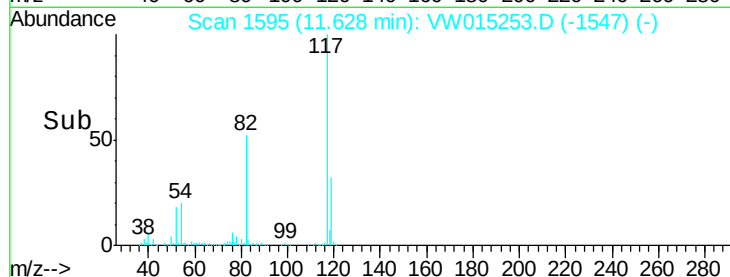
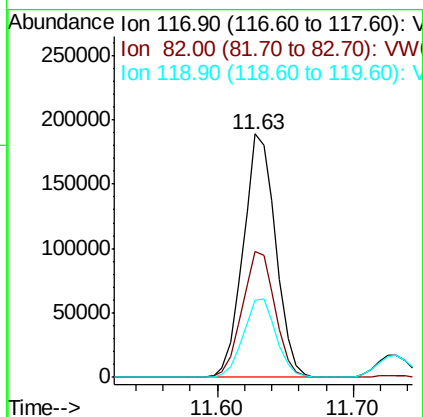
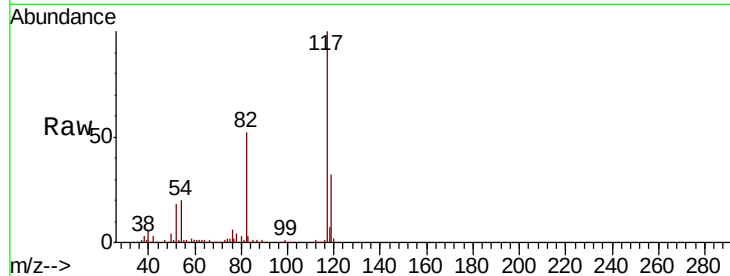




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW015253.D
Acq: 21 Apr 2020 11:19

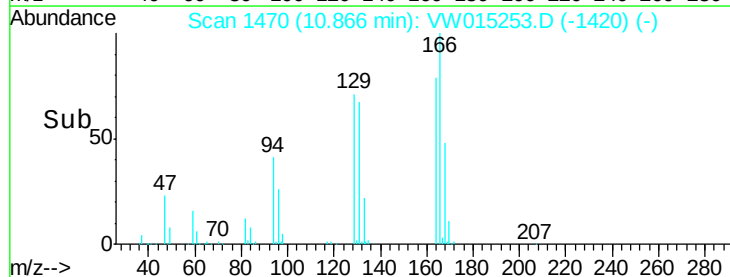
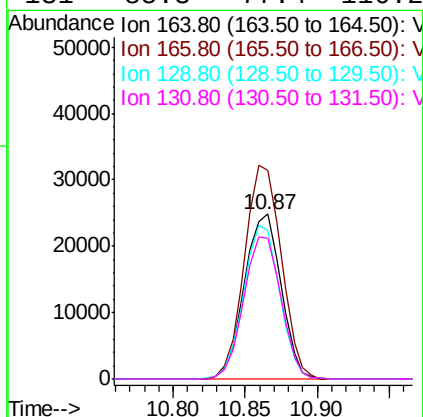
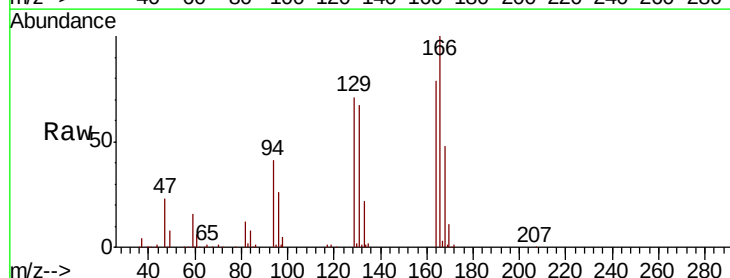
Instrument :
MSVOA_W
ClientSampleId :

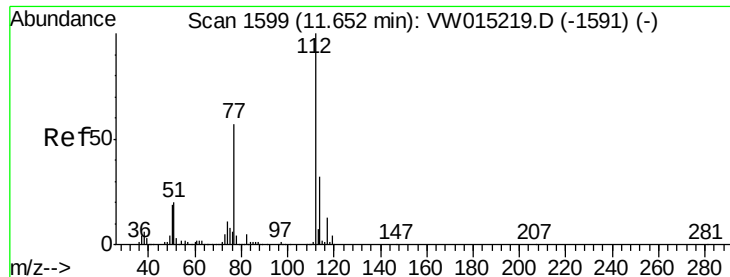
Tot Ion:117 Resp: 314787
Ion Ratio Lower Upper
117 100
82 51.8 44.1 66.1
119 31.9 24.9 37.3



#64
Tetrachloroethene
Concen: 19.535 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW015253.D
Acq: 21 Apr 2020 11:19

Tgt Ion:164 Resp: 43889
Ion Ratio Lower Upper
164 100
166 126.7 102.6 154.0
129 90.0 80.2 120.2
131 85.3 77.4 116.2

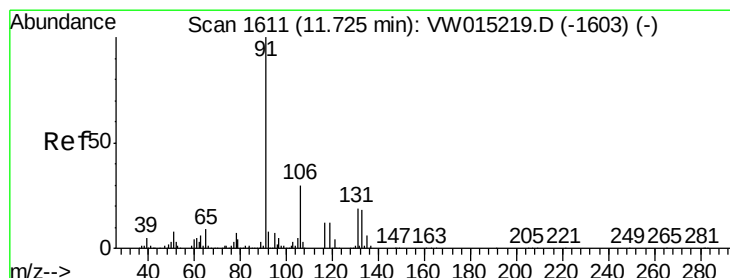
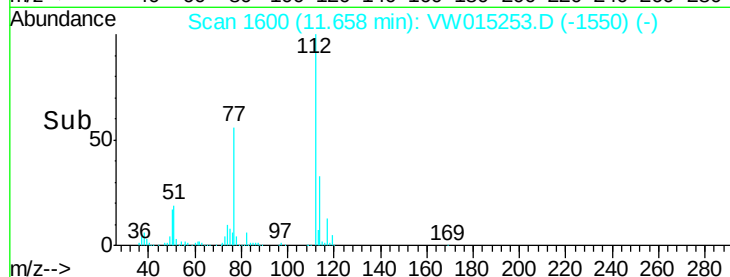
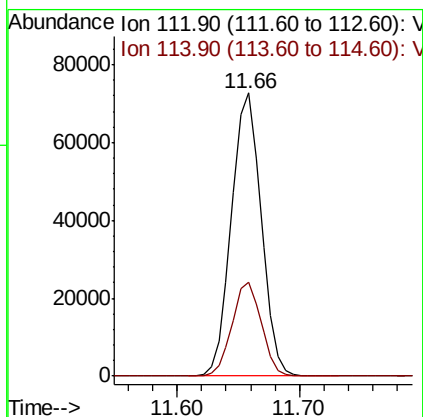
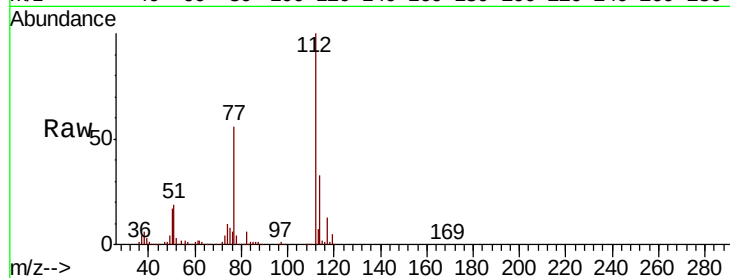




#65
Chlorobenzene
Concen: 19.846 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VW015253.D
Acq: 21 Apr 2020 11:19

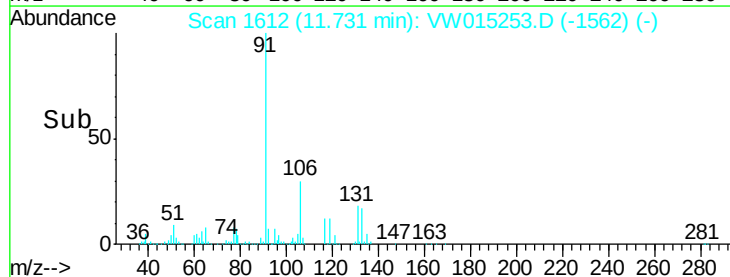
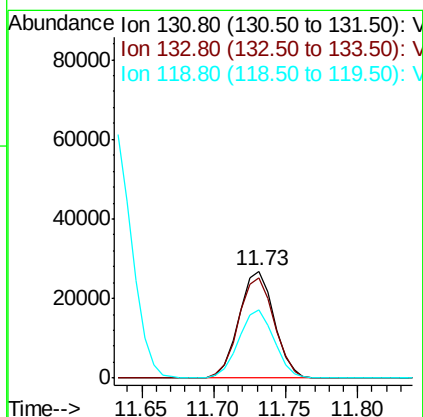
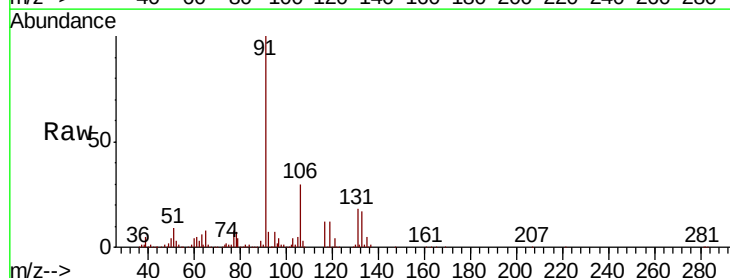
Instrument :
MSVOA_W
ClientSampleId :

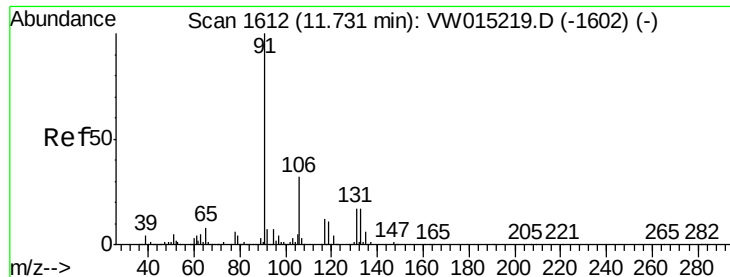
Tot Ion:112 Resp: 122588
Ion Ratio Lower Upper
112 100
114 33.0 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.524 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.01 min
Lab File: VW015253.D
Acq: 21 Apr 2020 11:19

Tgt Ion:131 Resp: 45566
Ion Ratio Lower Upper
131 100
133 95.9 47.7 143.1
119 64.3 34.0 101.8

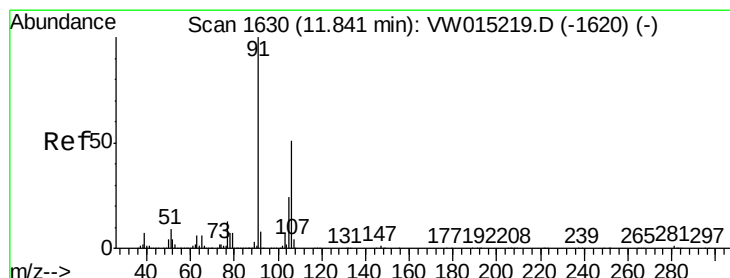
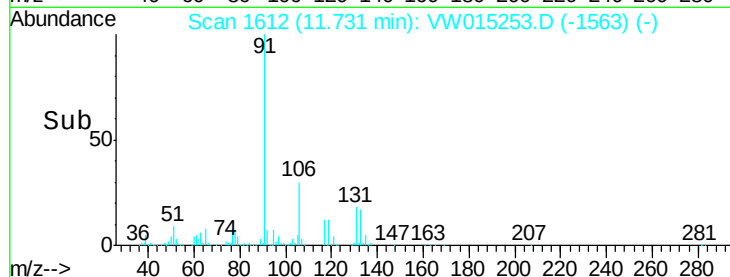
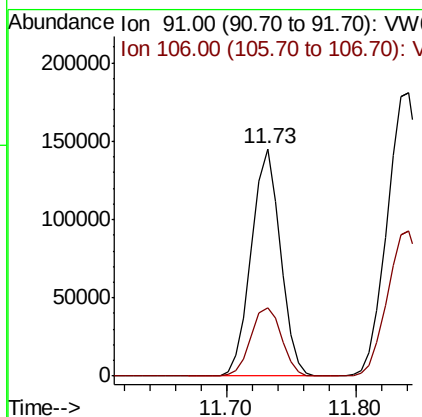
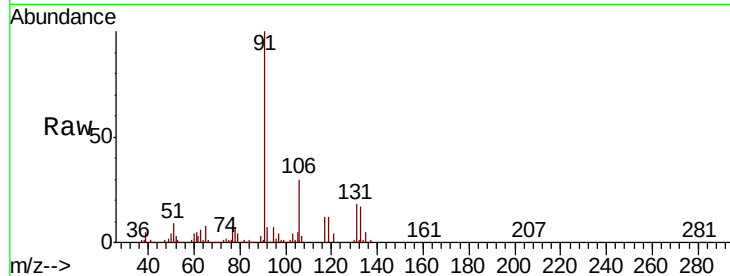




#67
Ethyl Benzene
Concen: 19.642 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015253.D
Acq: 21 Apr 2020 11:19

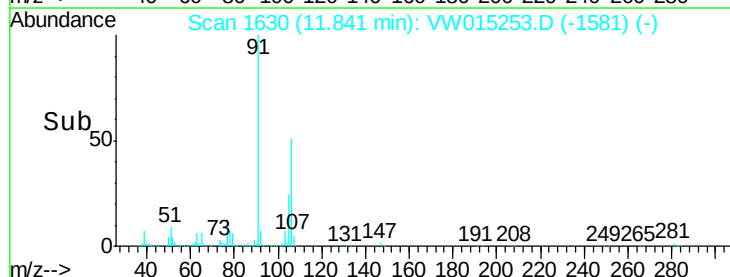
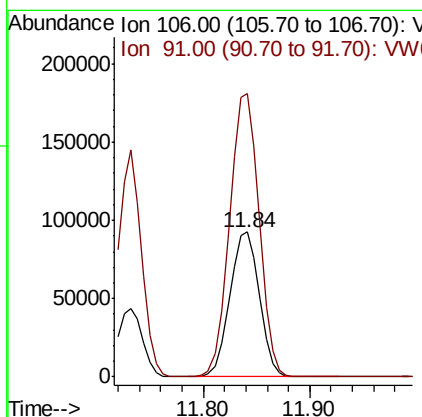
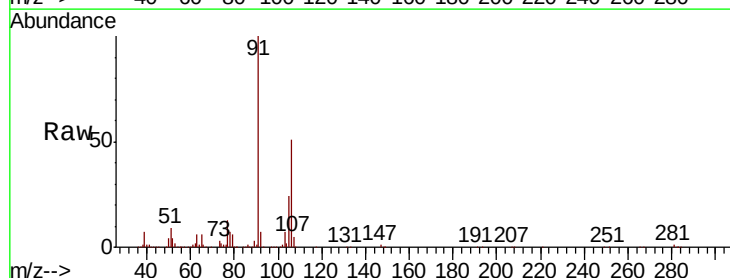
Instrument :
MSVOA_W
ClientSampleId :

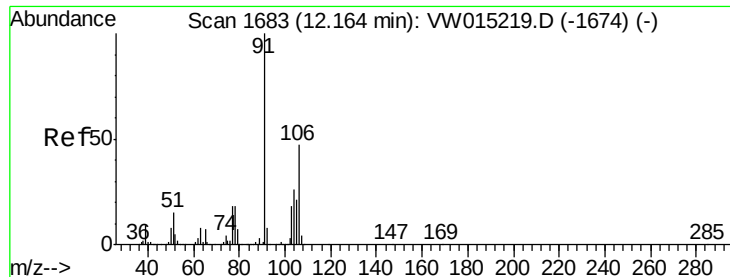
Tot Ion: 91 Resp: 226267
Ion Ratio Lower Upper
91 100
106 30.2 25.7 38.5



#68
m/p-Xylenes
Concen: 39.782 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW015253.D
Acq: 21 Apr 2020 11:19

Tgt Ion: 106 Resp: 179628
Ion Ratio Lower Upper
106 100
91 195.3 160.0 240.0

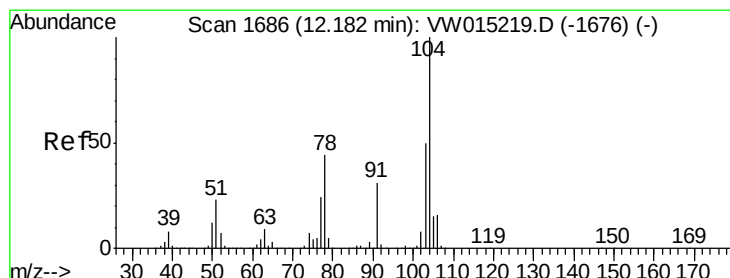
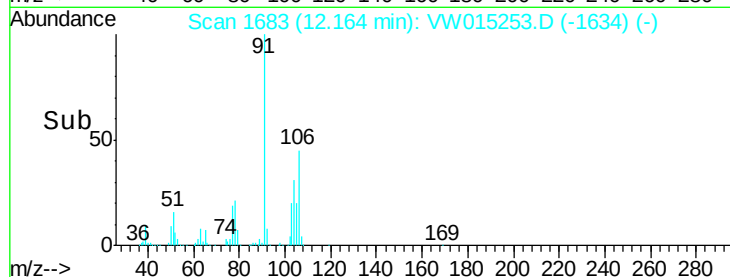
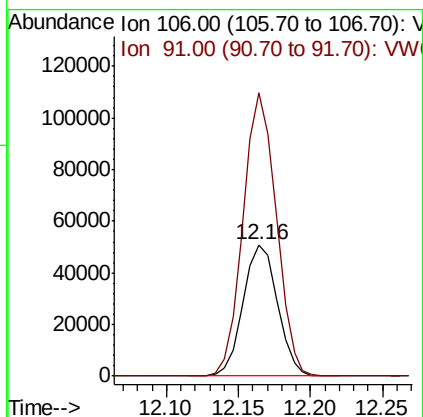
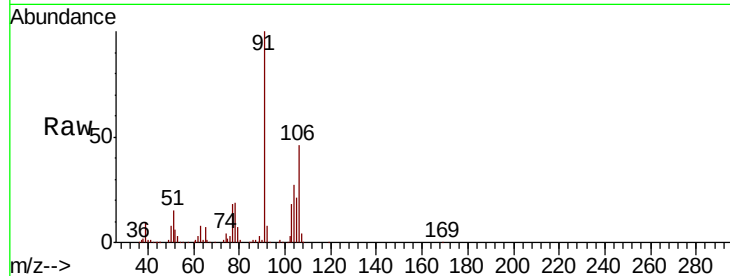




#69
o-Xylene
Concen: 19.888 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW015253.D
Acq: 21 Apr 2020 11:19

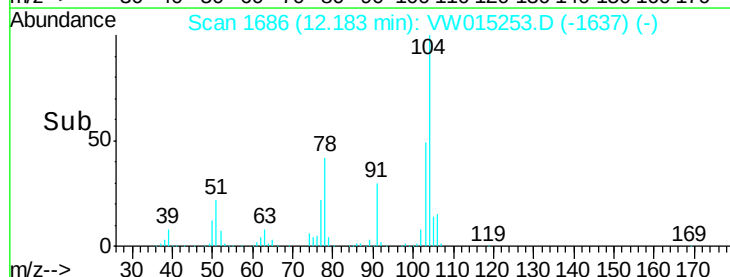
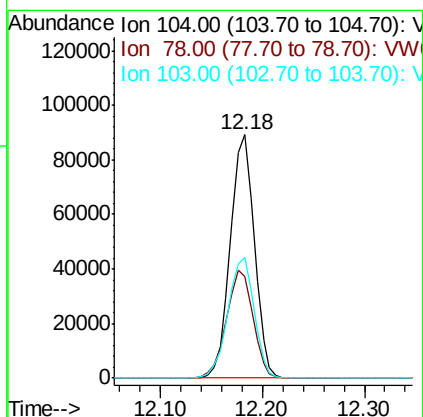
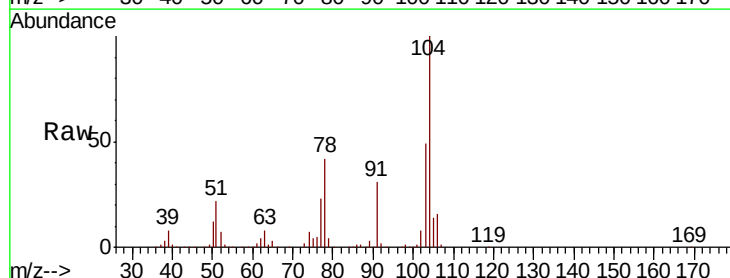
Instrument :
MSVOA_W
ClientSampleId :

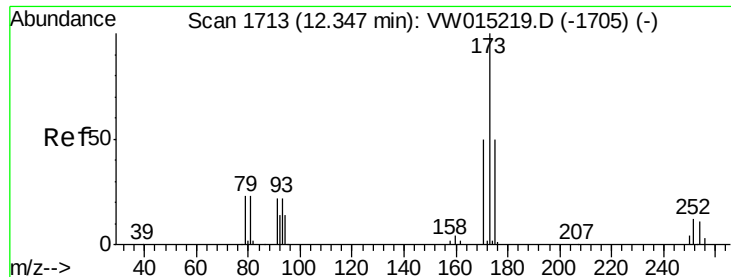
Tot Ion:106 Resp: 83817
Ion Ratio Lower Upper
106 100
91 209.5 105.7 317.1



#70
Styrene
Concen: 20.206 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW015253.D
Acq: 21 Apr 2020 11:19

Tgt Ion:104 Resp: 145160
Ion Ratio Lower Upper
104 100
78 48.9 39.8 59.6
103 53.8 43.8 65.6





#71

Bromoform

Concen: 20.815 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW015253.D

Acq: 21 Apr 2020 11:19

Instrument :

MSVOA_W

ClientSampleId :

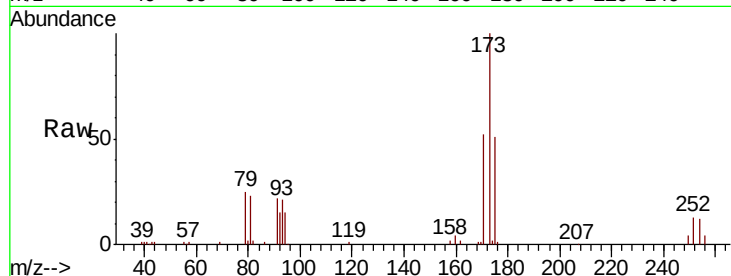
Tot Ion:173 Resp: 26038

Ion Ratio Lower Upper

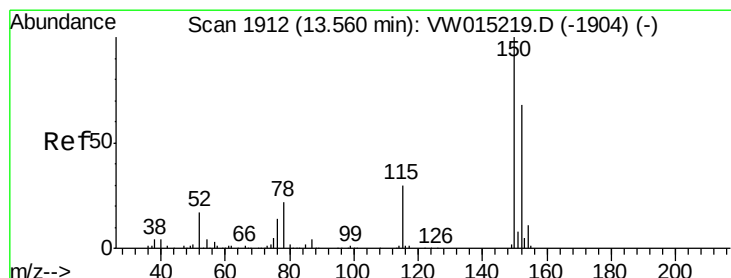
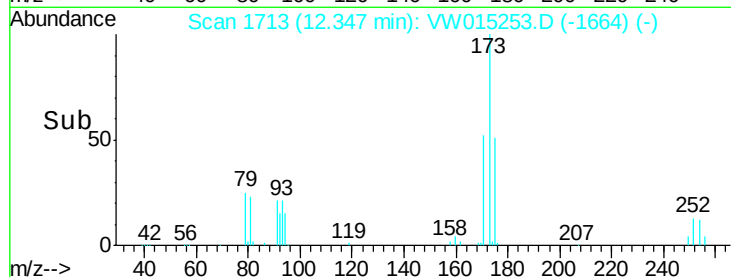
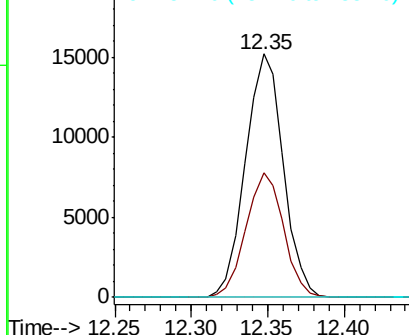
173 100

175 50.8 25.1 75.4

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW015253.D

Acq: 21 Apr 2020 11:19

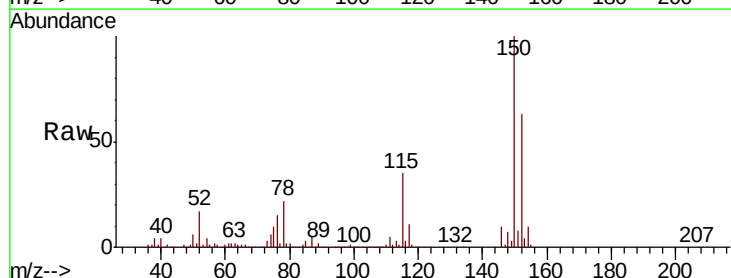
Tgt Ion:152 Resp: 176812

Ion Ratio Lower Upper

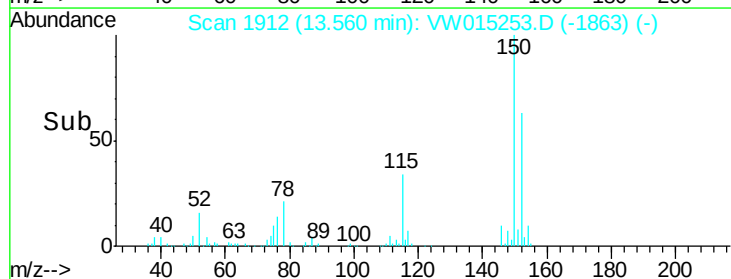
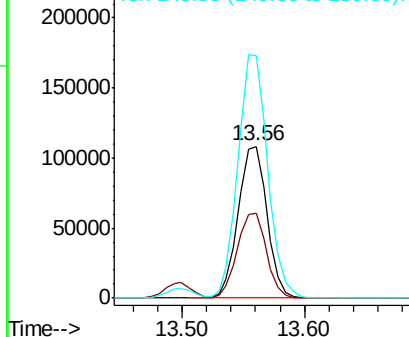
152 100

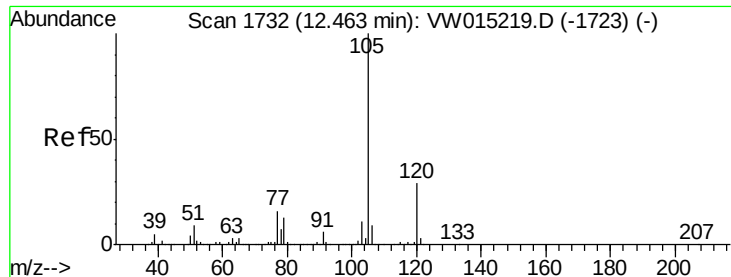
115 56.5 31.3 93.9

150 165.6 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

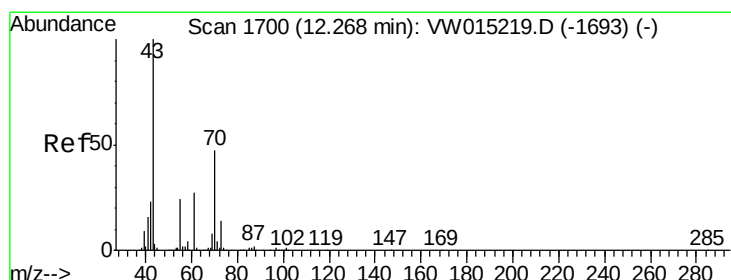
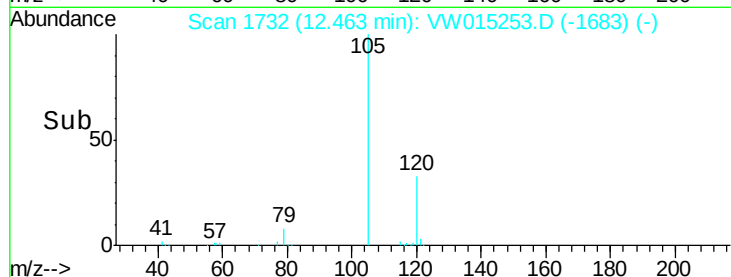
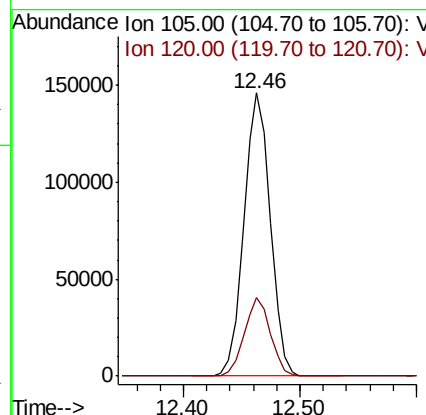
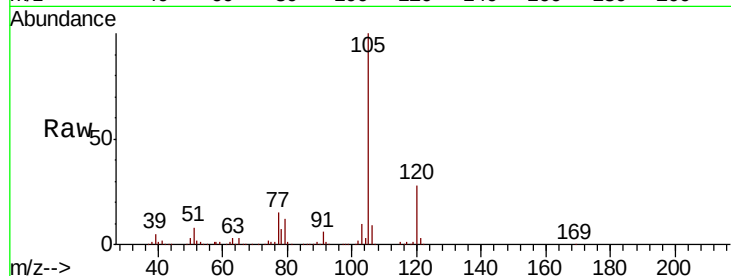




#73
Isopropylbenzene
Concen: 18.764 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VW015253.D
Acq: 21 Apr 2020 11:19

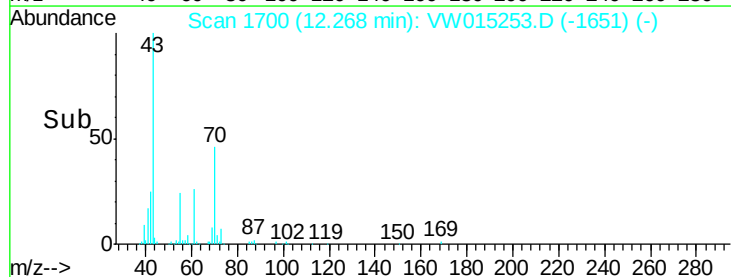
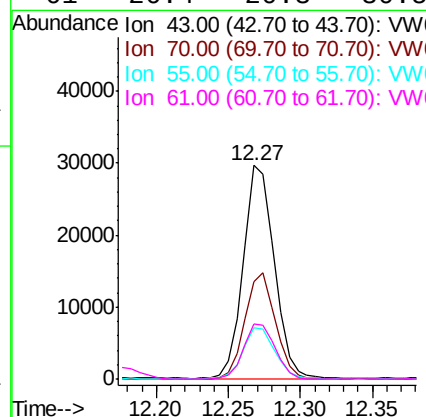
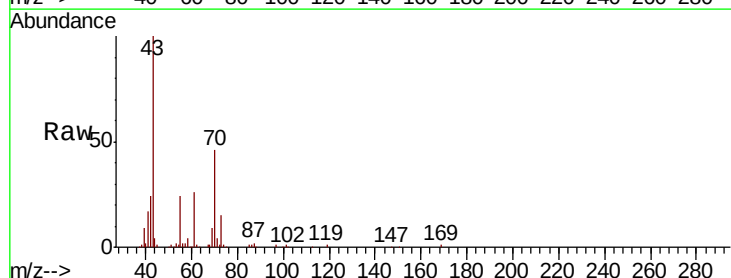
Instrument :
MSVOA_W
ClientSampleId :

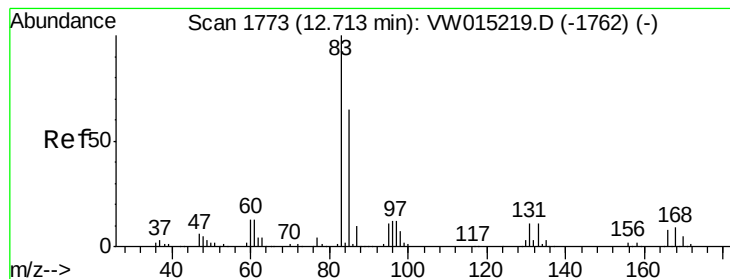
Tot Ion:105 Resp: 230031
Ion Ratio Lower Upper
105 100
120 27.3 13.7 41.1



#74
N-ethyl acetate
Concen: 20.754 ug/l
RT: 12.27 min Scan# 1700
Delta R.T. 0.00 min
Lab File: VW015253.D
Acq: 21 Apr 2020 11:19

Tgt Ion: 43 Resp: 44264
Ion Ratio Lower Upper
43 100
70 49.3 35.4 53.2
55 25.1 18.5 27.7
61 26.4 20.3 30.5





#75

1,1,2,2-Tetrachloroethane

Concen: 20.136 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW015253.D

Acq: 21 Apr 2020 11:19

Instrument :

MSVOA_W

ClientSampled :

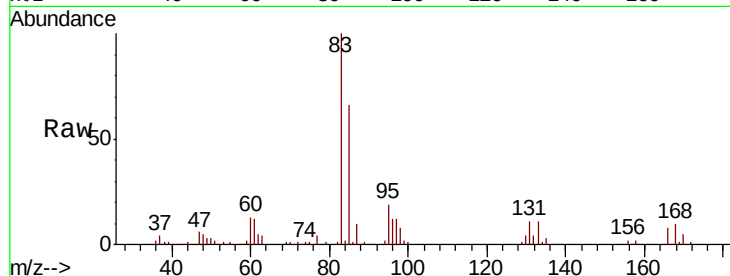
Tot Ion: 83 Resp: 35048

Ion Ratio Lower Upper

83 100

131 11.5 5.1 15.2

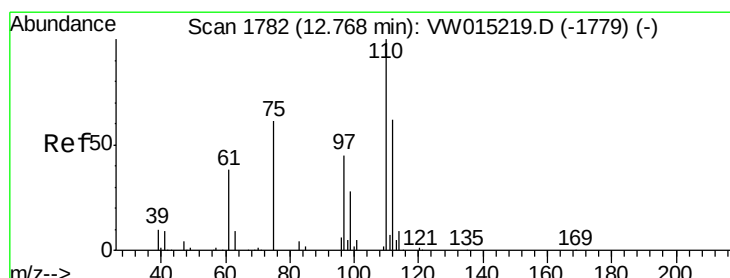
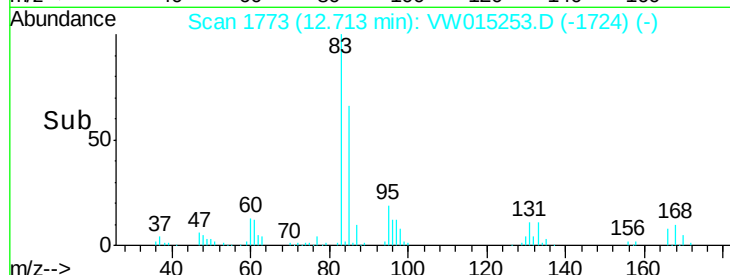
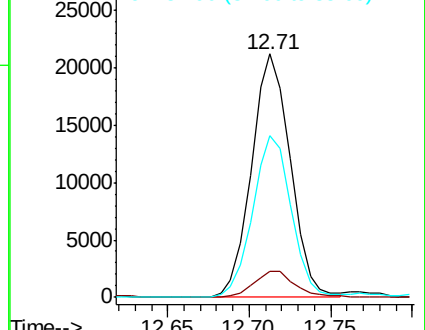
85 65.8 32.3 96.8



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: 34.841 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW015253.D

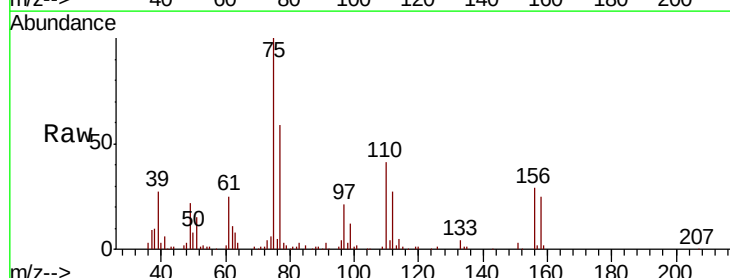
Acq: 21 Apr 2020 11:19

Tgt Ion: 75 Resp: 47657

Ion Ratio Lower Upper

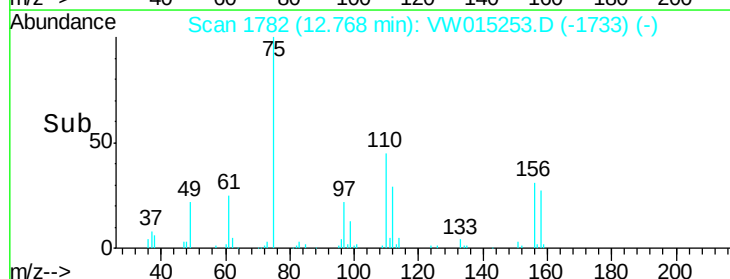
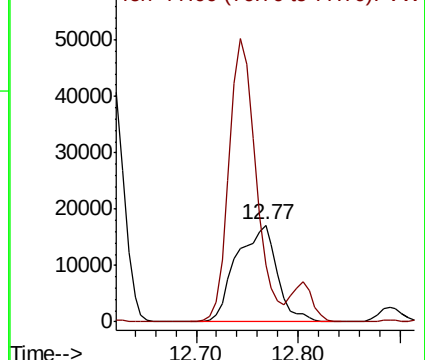
75 100

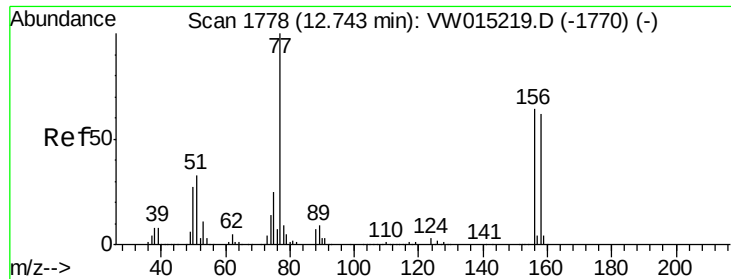
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 19.880 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VW015253.D

Acq: 21 Apr 2020 11:19

Instrument :

MSVOA_W

ClientSampleId :

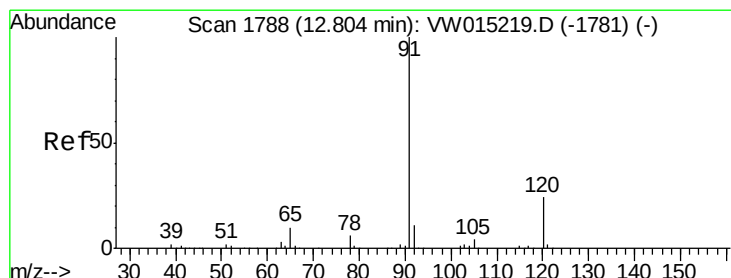
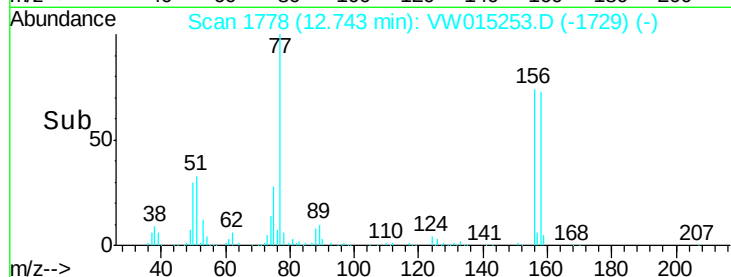
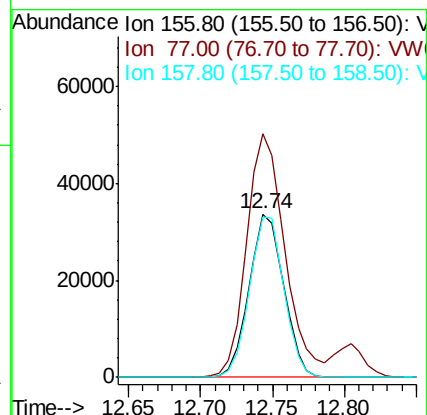
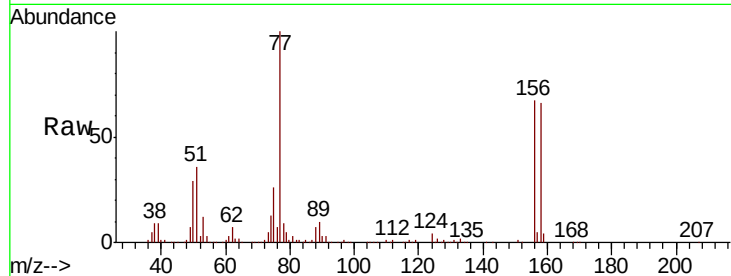
Tot Ion:156 Resp: 55993

Ion Ratio Lower Upper

156 100

77 165.4 100.5 301.5

158 97.5 47.9 143.8



#78

n-propylbenzene

Concen: 18.921 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW015253.D

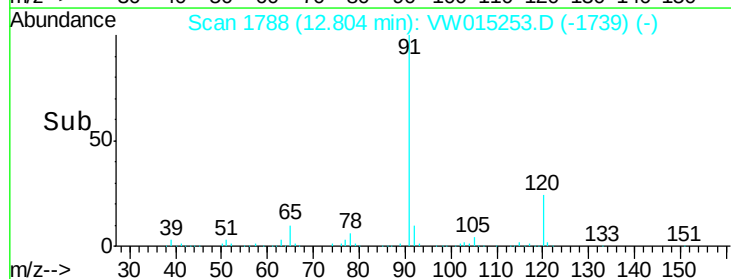
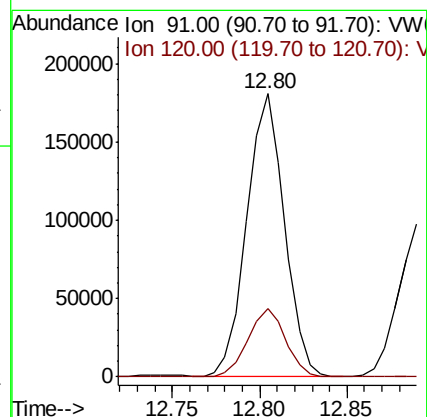
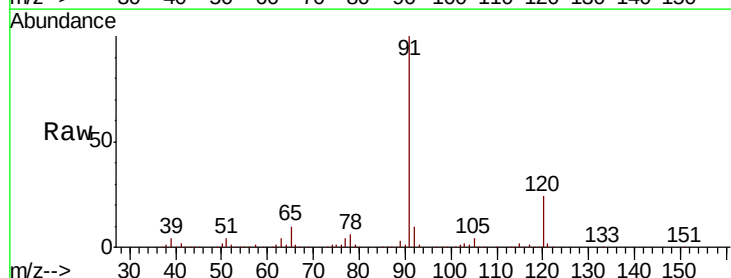
Acq: 21 Apr 2020 11:19

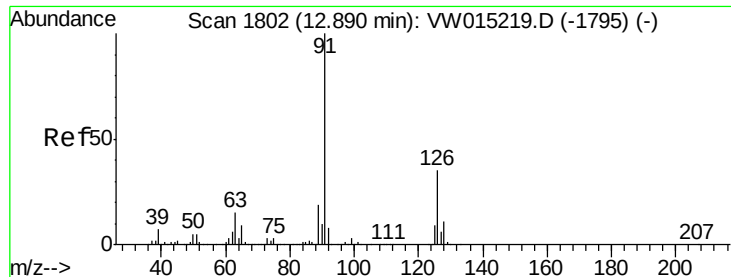
Tgt Ion: 91 Resp: 270067

Ion Ratio Lower Upper

91 100

120 24.1 11.4 34.1





#79

2-Chlorotoluene

Concen: 18.957 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW015253.D

Acq: 21 Apr 2020 11:19

Instrument :

MSVOA_W

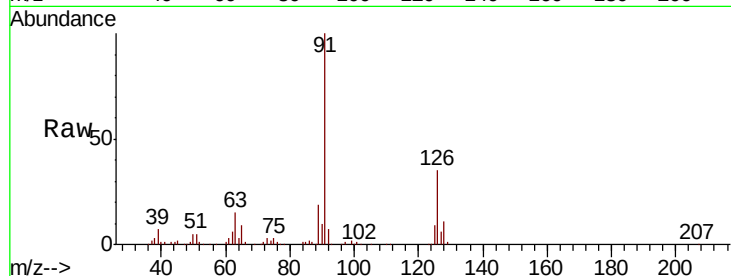
ClientSampleId :

Tot Ion: 91 Resp: 152486

Ion Ratio Lower Upper

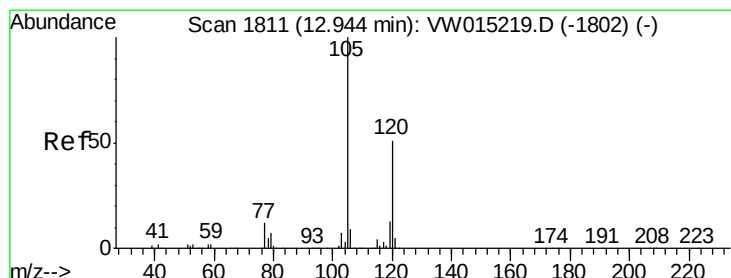
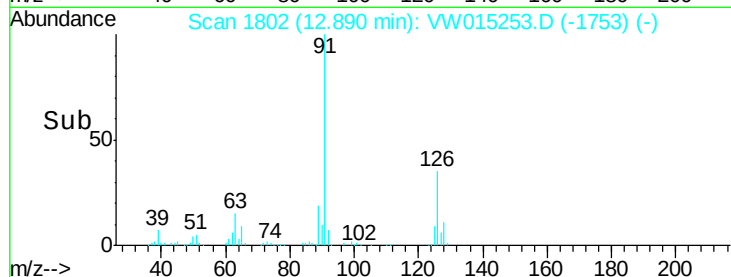
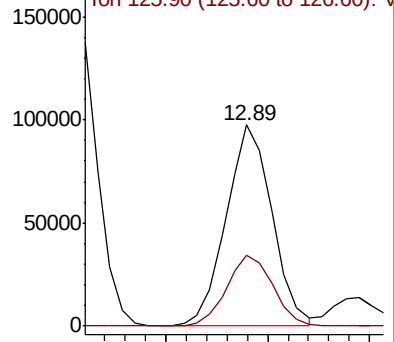
91 100

126 35.8 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: 19.083 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW015253.D

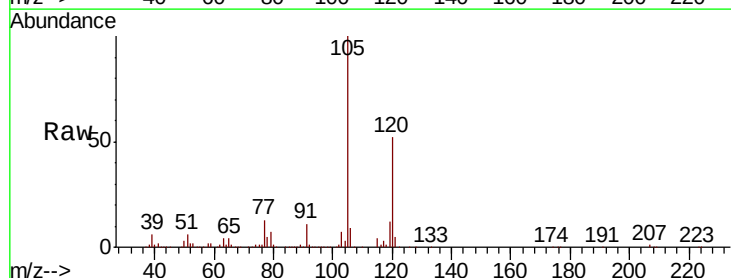
Acq: 21 Apr 2020 11:19

Tgt Ion:105 Resp: 201522

Ion Ratio Lower Upper

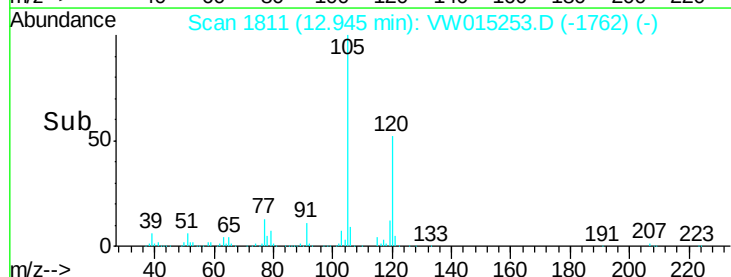
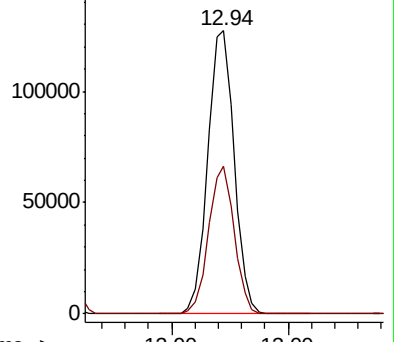
105 100

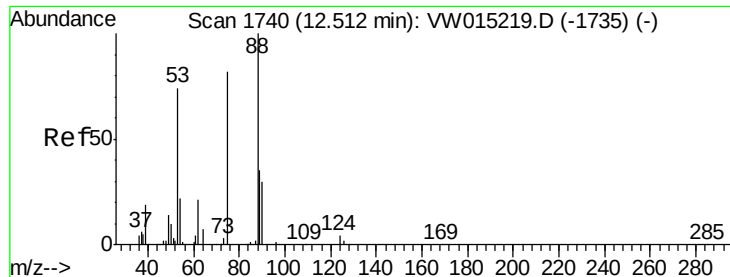
120 50.8 24.9 74.8



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: 20.073 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW015253.D

Acq: 21 Apr 2020 11:19

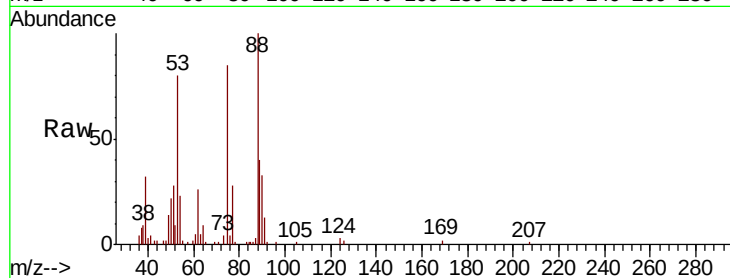
Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 12560

Ion	Ratio	Lower	Upper
75	100		
53	90.4	69.4	104.2
89	47.0	34.8	52.2

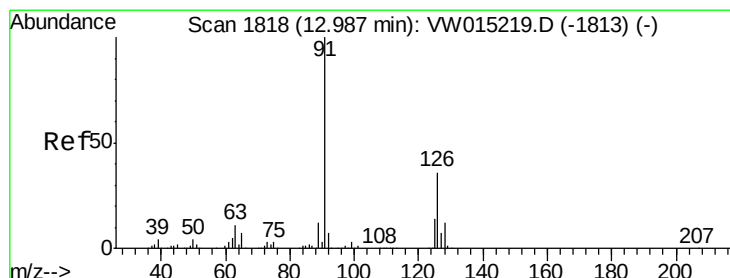
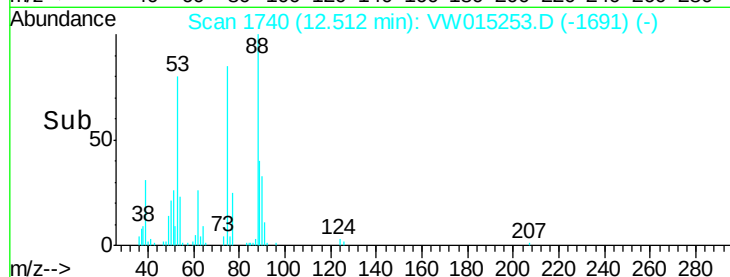
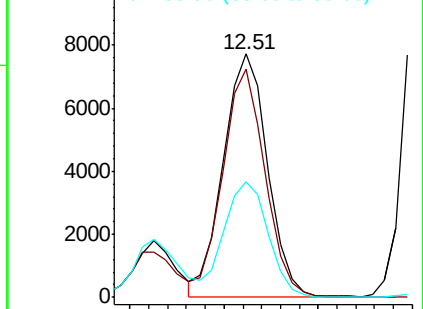


Abundance

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: 19.036 ug/l

RT: 12.99 min Scan# 1818

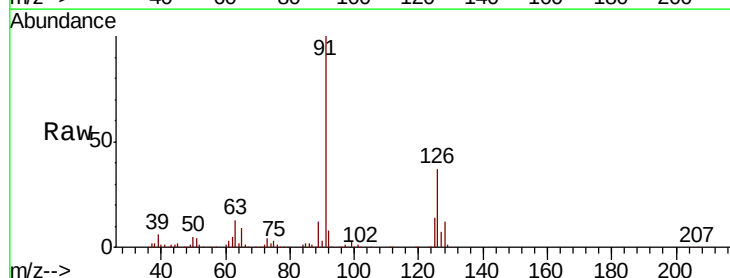
Delta R.T. 0.00 min

Lab File: VW015253.D

Acq: 21 Apr 2020 11:19

Tgt Ion: 91 Resp: 162584

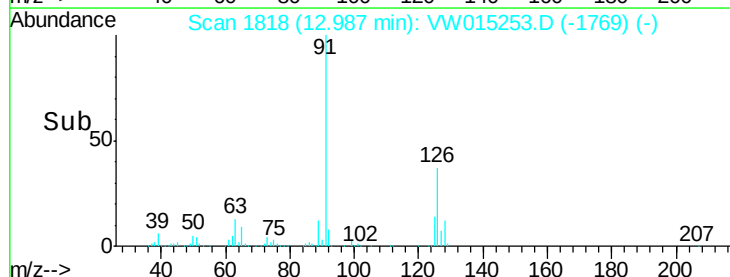
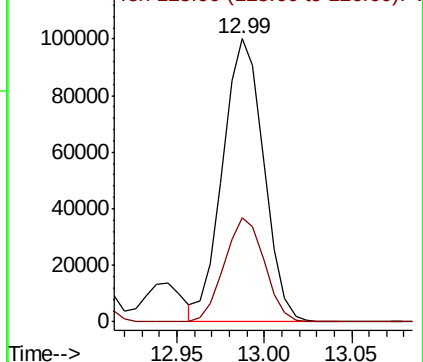
Ion	Ratio	Lower	Upper
91	100		
126	36.1	16.8	50.3

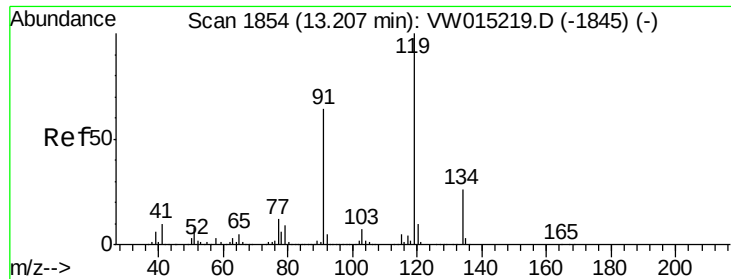


Abundance

Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

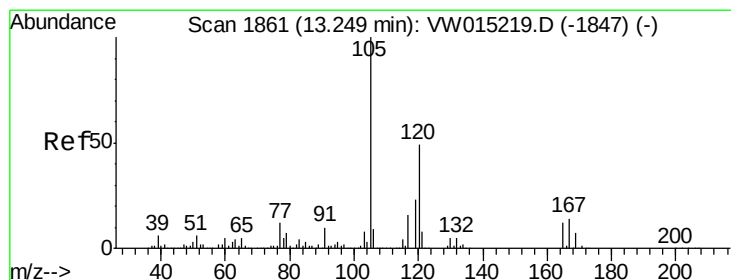
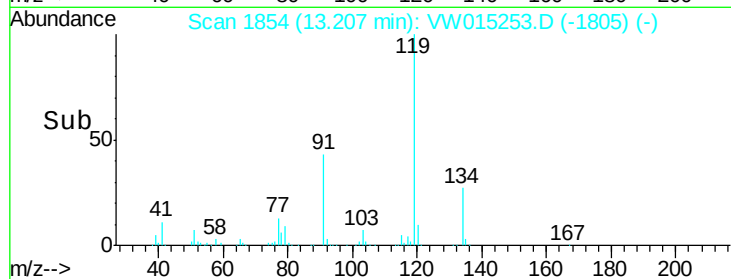
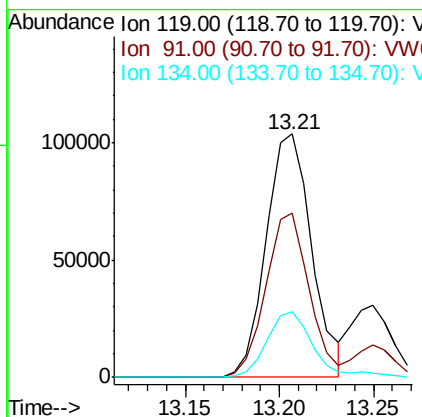
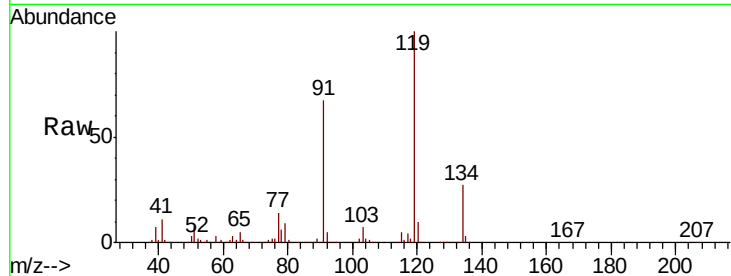




#83
 tert-Butylbenzene
 Concen: 18.880 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW015253.D
 Acq: 21 Apr 2020 11:19

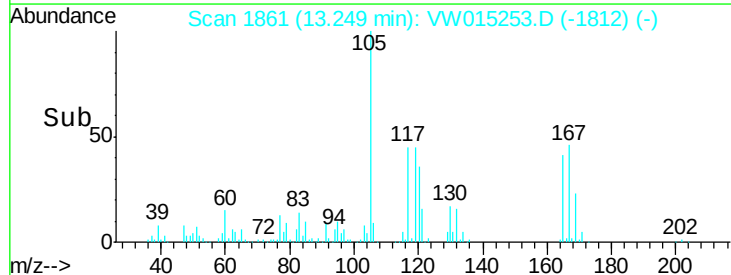
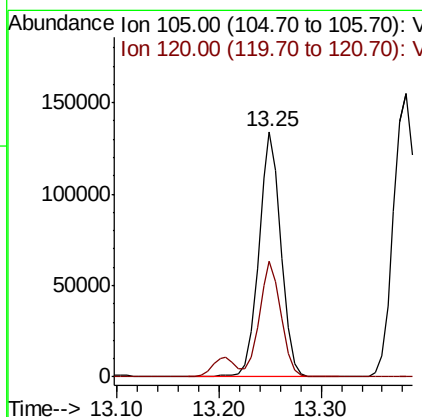
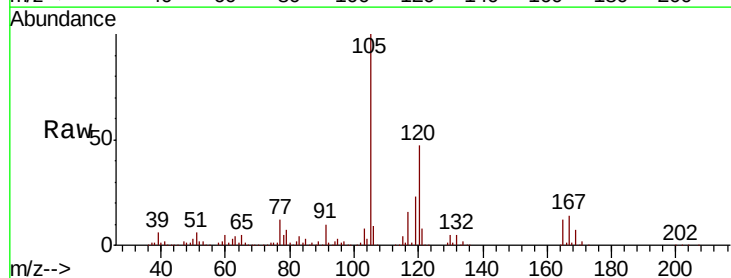
Instrument :
 MSVOA_W
 ClientSampleId :

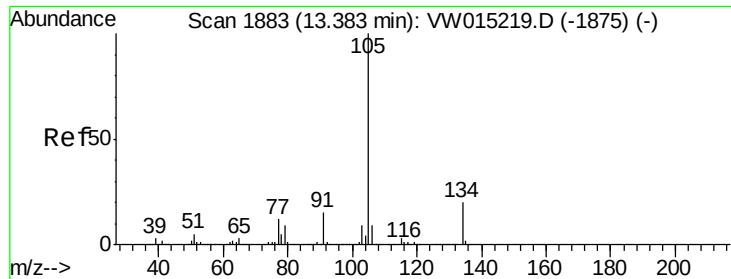
Tot Ion:119 Resp: 174260
 Ion Ratio Lower Upper
 119 100
 91 64.0 32.8 98.3
 134 27.8 13.3 39.9



#84
 1,2,4-Trimethylbenzene
 Concen: 19.389 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VW015253.D
 Acq: 21 Apr 2020 11:19

Tgt Ion:105 Resp: 201953
 Ion Ratio Lower Upper
 105 100
 120 45.8 23.0 69.0





#85

sec-Butylbenzene

Concen: 18.976 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW015253.D

Acq: 21 Apr 2020 11:19

Instrument :

MSVOA_W

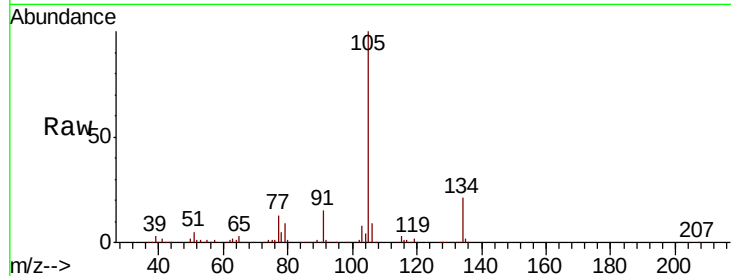
ClientSampleId :

Tot Ion:105 Resp: 241886

Ion Ratio Lower Upper

105 100

134 21.0 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.38

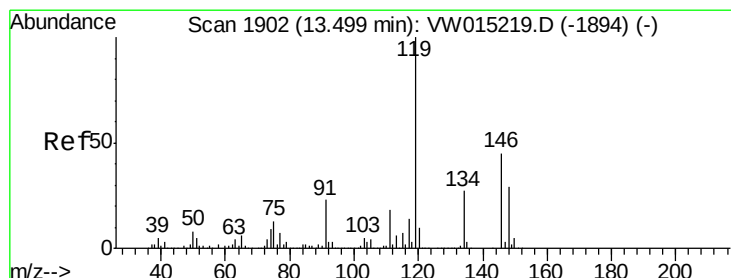
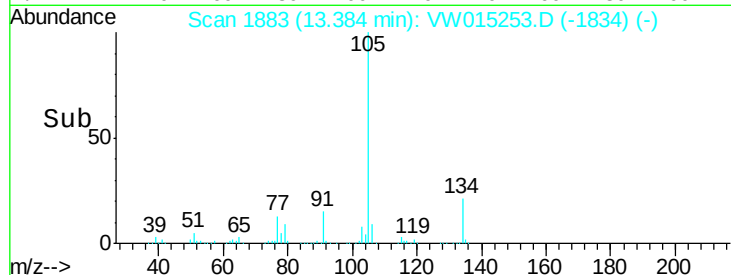
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 19.204 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW015253.D

Acq: 21 Apr 2020 11:19

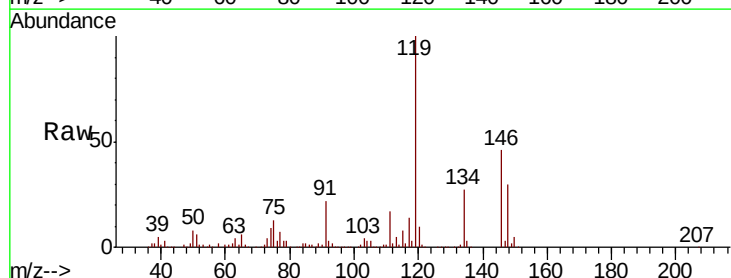
Tgt Ion:119 Resp: 227456

Ion Ratio Lower Upper

119 100

134 27.1 13.3 39.9

91 23.1 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

13.50

200000

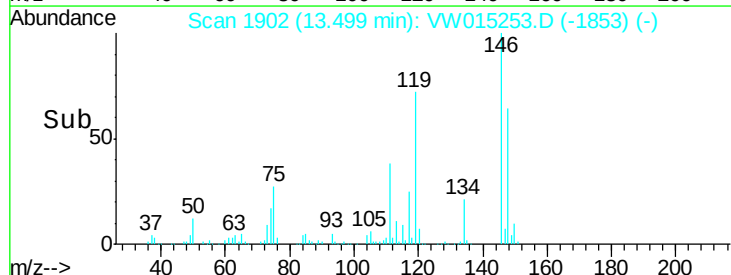
150000

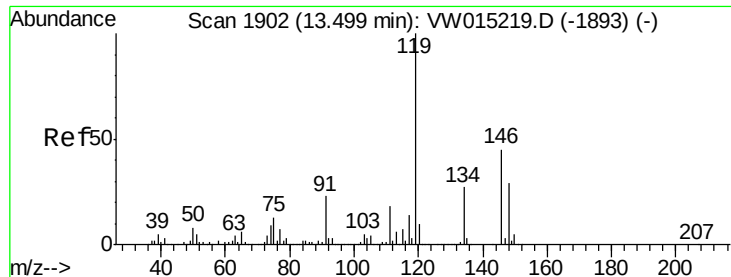
100000

50000

0

Time-->

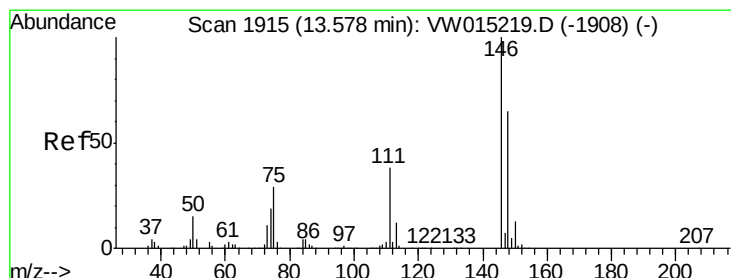
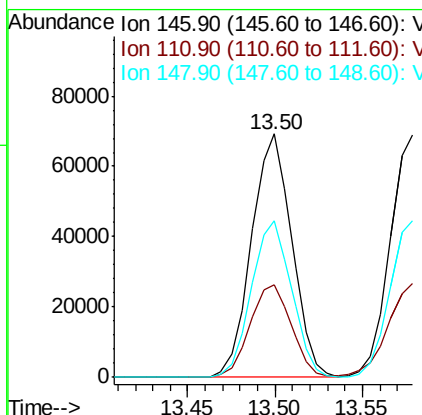
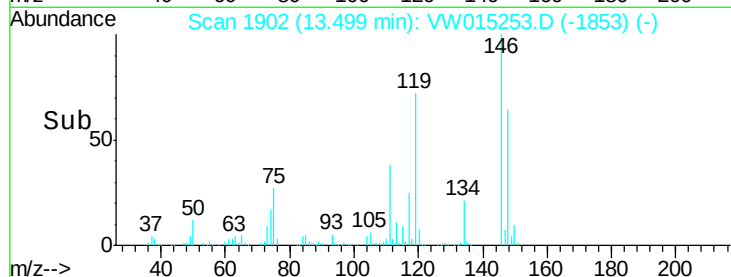
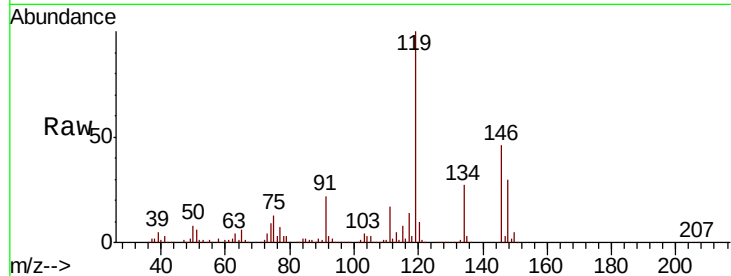




#87
 1,3-Dichlorobenzene
 Concen: 19.845 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW015253.D
 Acq: 21 Apr 2020 11:19

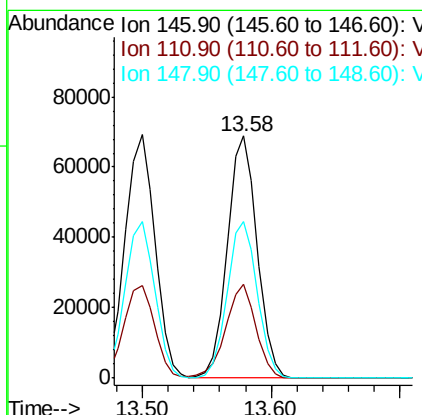
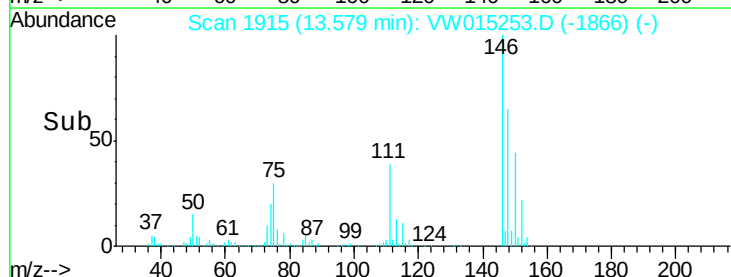
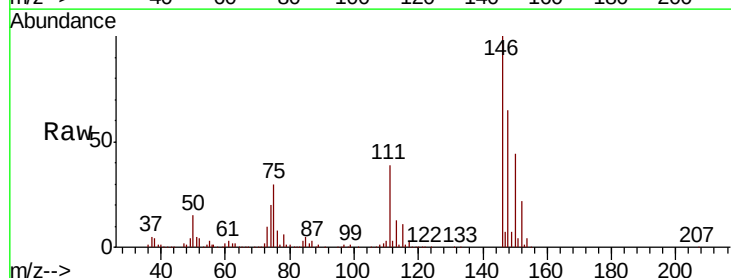
Instrument :
 MSVOA_W
 ClientSampleId :

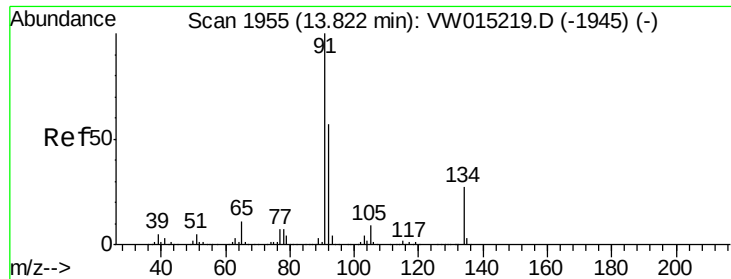
Tot Ion:146 Resp: 111057
 Ion Ratio Lower Upper
 146 100
 111 38.9 21.1 63.4
 148 64.0 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 20.263 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW015253.D
 Acq: 21 Apr 2020 11:19

Tgt Ion:146 Resp: 111160
 Ion Ratio Lower Upper
 146 100
 111 39.4 20.4 61.3
 148 65.1 31.5 94.5





#89

n-Butylbenzene

Concen: 18.861 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW015253.D

Acq: 21 Apr 2020 11:19

Instrument :

MSVOA_W

ClientSampleId :

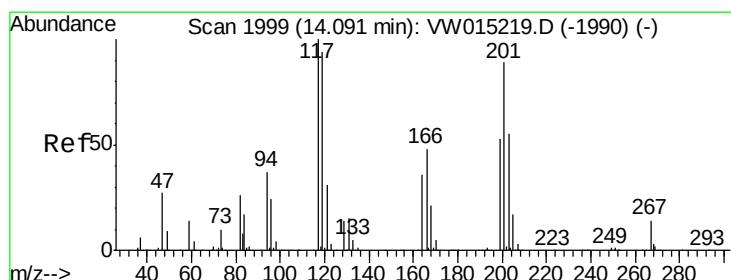
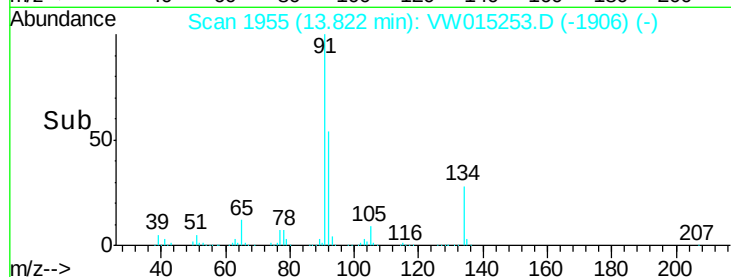
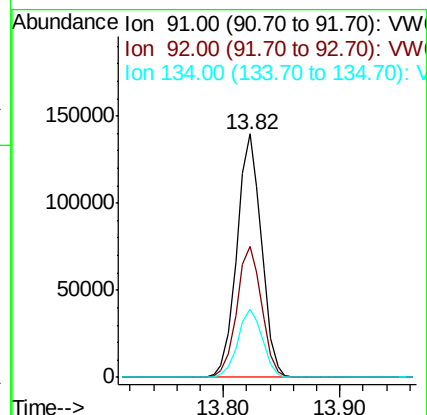
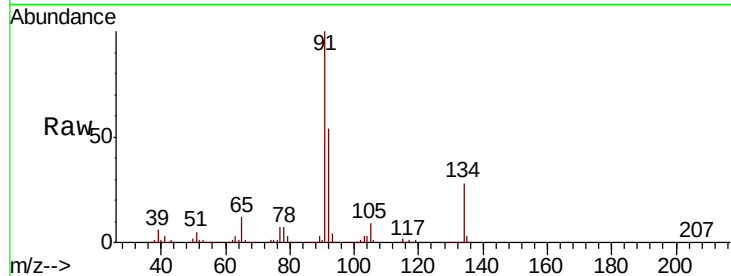
Tot Ion: 91 Resp: 204191

Ion Ratio Lower Upper

91 100

92 54.7 27.6 82.7

134 28.3 12.8 38.3



#90

Hexachloroethane

Concen: 19.192 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. 0.00 min

Lab File: VW015253.D

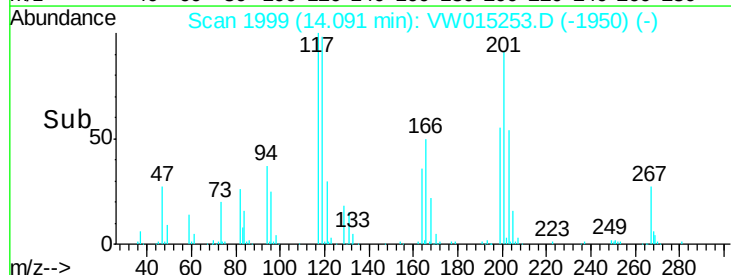
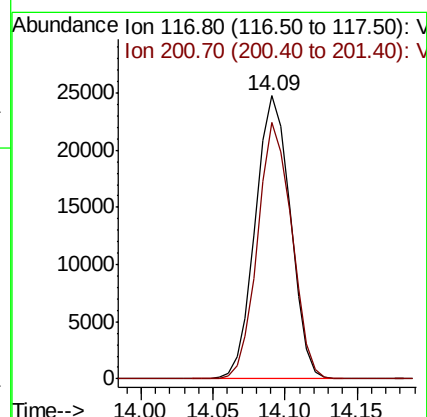
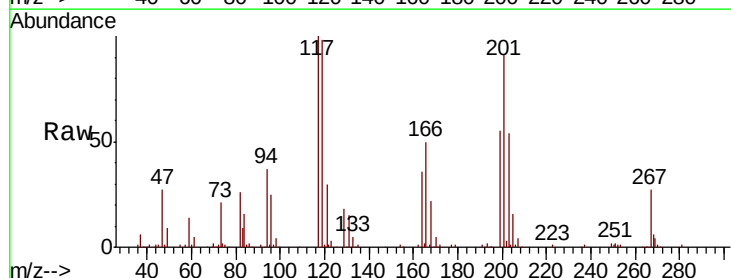
Acq: 21 Apr 2020 11:19

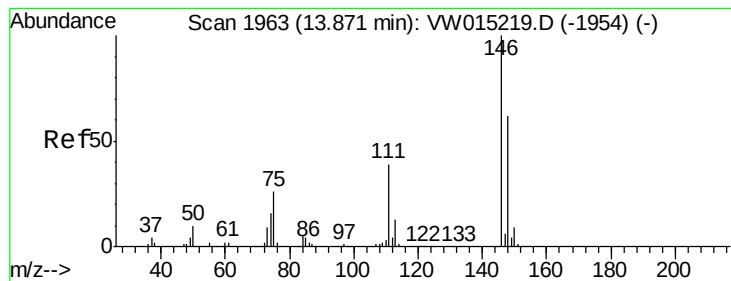
Tgt Ion: 117 Resp: 41689

Ion Ratio Lower Upper

117 100

201 87.8 33.6 100.6





#91

1,2-Dichlorobenzene

Concen: 20.402 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW015253.D

Acq: 21 Apr 2020 11:19

Instrument :

MSVOA_W

ClientSampleId :

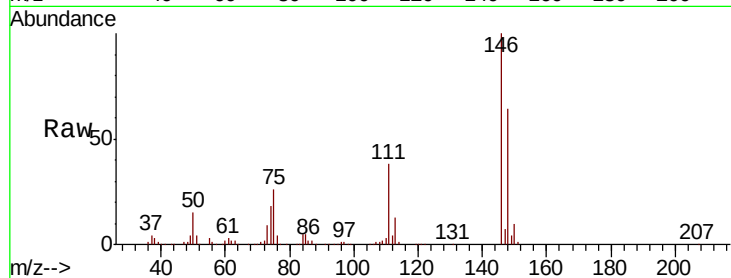
Tot Ion:146 Resp: 99213

Ion Ratio Lower Upper

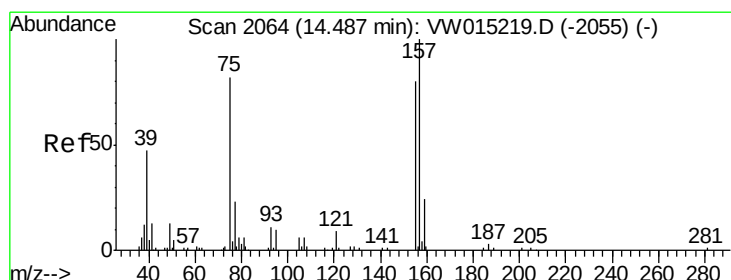
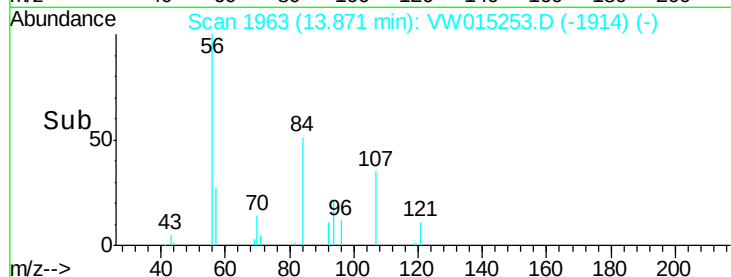
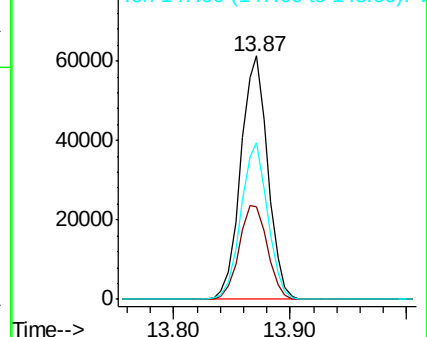
146 100

111 40.2 21.6 65.0

148 63.4 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: 20.521 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VW015253.D

Acq: 21 Apr 2020 11:19

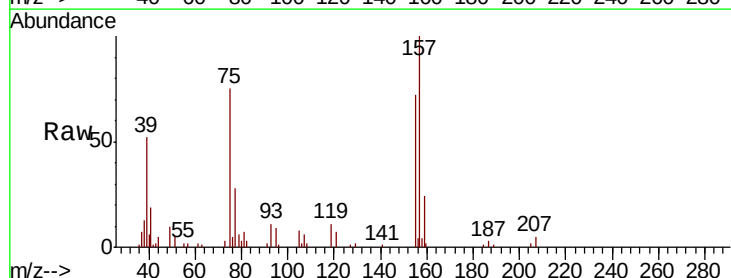
Tgt Ion: 75 Resp: 6464

Ion Ratio Lower Upper

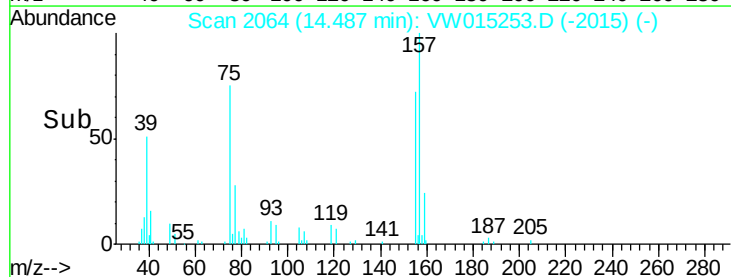
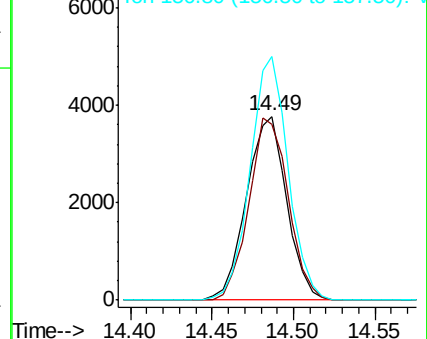
75 100

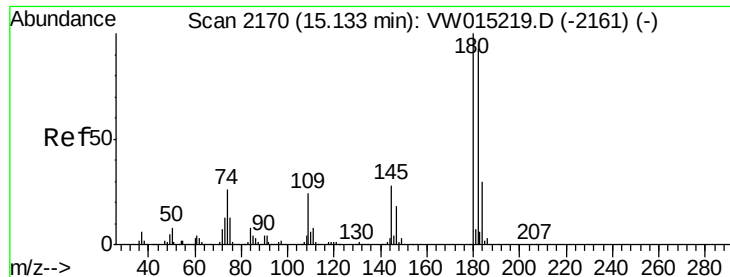
155 96.8 41.6 124.9

157 125.2 53.8 161.2



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

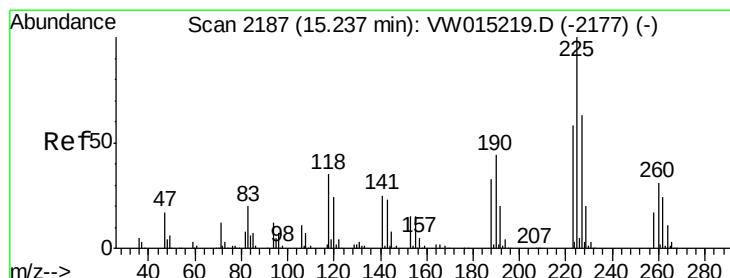
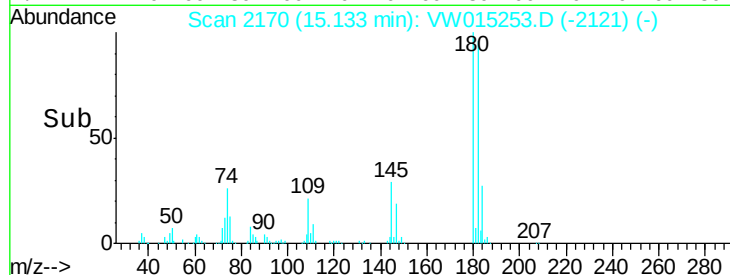
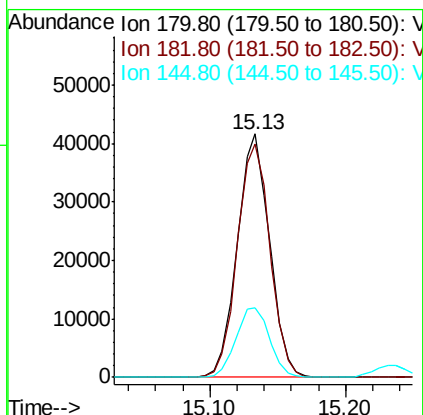
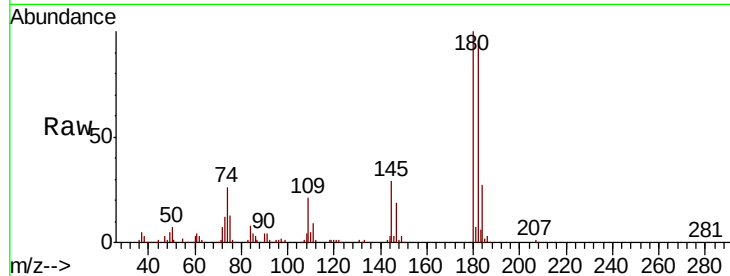




#93
 1,2,4-Trichlorobenzene
 Concen: 20.342 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW015253.D
 Acq: 21 Apr 2020 11:19

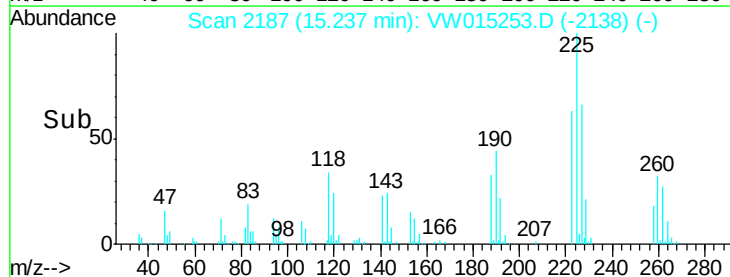
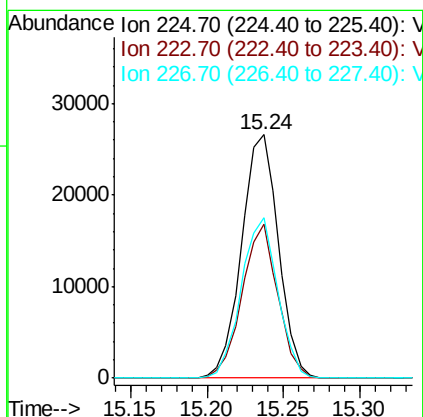
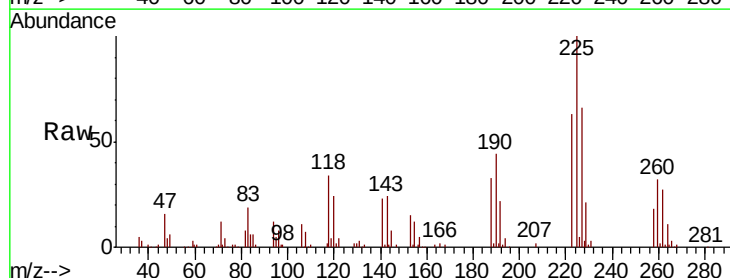
Instrument :
 MSVOA_W
 ClientSampled :

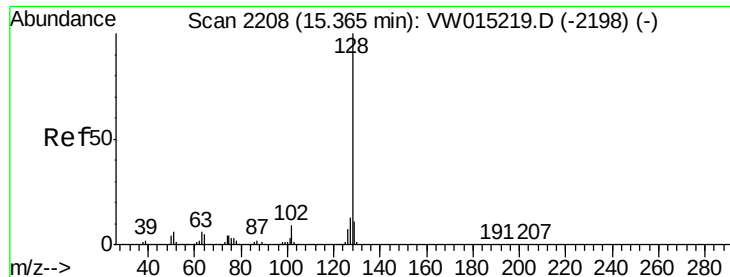
Tot Ion:180 Resp: 68759
 Ion Ratio Lower Upper
 180 100
 182 97.5 47.1 141.4
 145 29.8 16.2 48.6



#94
 Hexachlorobutadiene
 Concen: 19.779 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW015253.D
 Acq: 21 Apr 2020 11:19

Tgt Ion:225 Resp: 44573
 Ion Ratio Lower Upper
 225 100
 223 61.2 31.0 93.0
 227 65.3 30.8 92.3

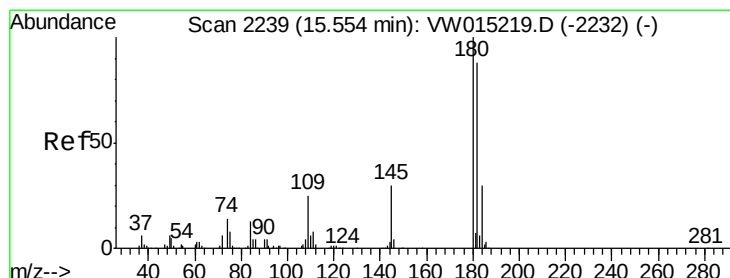
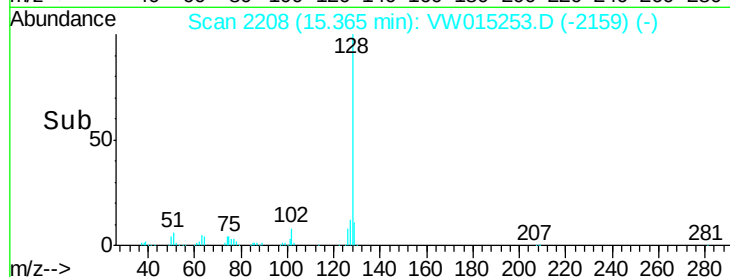
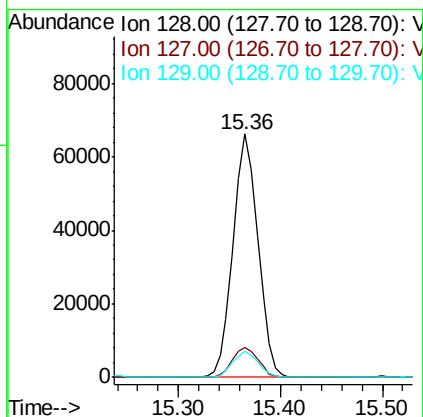
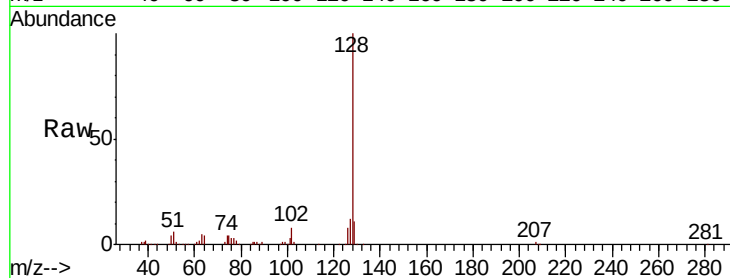




#95
Naphthalene
Concen: 20.629 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW015253.D
Acq: 21 Apr 2020 11:19

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:128 Resp: 112168
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.8 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 20.438 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VW015253.D
Acq: 21 Apr 2020 11:19

Tgt Ion:180 Resp: 56209
Ion Ratio Lower Upper
180 100
182 97.5 48.8 146.3
145 31.7 17.2 51.6

