

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042320\
 Data File : VW015321.D
 Acq On : 23 Apr 2020 10:06
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 24 06:31:00 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	243890	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	340758	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	326403	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	176847	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	96859	48.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.14%	
35) Dibromofluoromethane	7.88	113	98798	52.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.68%	
50) Toluene-d8	10.32	98	403804	50.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.72%	
62) 4-Bromofluorobenzene	12.62	95	153422	50.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	91929	47.731	ug/l	96
3) Chloromethane	2.21	50	96699	46.105	ug/l	99
4) Vinyl Chloride	2.36	62	118445	47.824	ug/l	99
5) Bromomethane	2.77	94	89713	50.945	ug/l	98
6) Chloroethane	2.92	64	70595	45.952	ug/l	97
7) Trichlorofluoromethane	3.26	101	170040	48.519	ug/l	98
8) Diethyl Ether	3.69	74	45494	46.247	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	4.07	101	103623	47.946	ug/l	92
10) Methyl Iodide	4.28	142	118681	52.282	ug/l	99
11) Tert butyl alcohol	5.17	59	32867	202.163	ug/l	99
12) 1,1-Dichloroethene	4.04	96	100752	48.433	ug/l	92
13) Acrolein	3.90	56	22869	268.756	ug/l	100
14) Allyl chloride	4.67	41	129820	47.042	ug/l	87
15) Acrylonitrile	5.37	53	82958	221.601	ug/l	99
16) Acetone	4.12	43	88344	253.609	ug/l	94
17) Carbon Disulfide	4.39	76	288122	46.607	ug/l	100
18) Methyl Acetate	4.68	43	39141	42.449	ug/l	93
19) Methyl tert-butyl Ether	5.43	73	225320	47.184	ug/l	96
20) Methylene Chloride	4.92	84	103826	45.478	ug/l	92
21) trans-1,2-Dichloroethene	5.43	96	113998	48.319	ug/l	93
22) Diisopropyl ether	6.31	45	250352	47.288	ug/l	94
23) Vinyl Acetate	6.26	43	713782	229.752	ug/l #	94
24) 1,1-Dichloroethane	6.22	63	177307	48.324	ug/l	98
25) 2-Butanone	7.17	43	109804	237.587	ug/l #	88
26) 2,2-Dichloropropane	7.17	77	186805	48.394	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	124787	48.993	ug/l	100
28) Bromochloromethane	7.51	49	64224	48.143	ug/l #	70
29) Tetrahydrofuran	7.53	42	63126	219.237	ug/l	88
30) Chloroform	7.68	83	195884	49.465	ug/l	97
31) Cyclohexane	7.95	56	162588	44.083	ug/l	89
32) 1,1,1-Trichloroethane	7.87	97	188669	49.365	ug/l	99
36) 1,1-Dichloropropene	8.08	75	153298	49.844	ug/l	98
37) Ethyl Acetate	7.26	43	44947	45.031	ug/l #	96
38) Carbon Tetrachloride	8.07	117	172455	51.311	ug/l	96

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	197842	48.331	ug/l	95
40) Benzene	8.32	78	411296	50.063	ug/l	97
41) Methacrylonitrile	7.48	41	26678	44.545	ug/l	90
42) 1,2-Dichloroethane	8.40	62	119186	49.280	ug/l	99
43) Isopropyl Acetate	8.42	43	94626	45.201	ug/l	93
44) Trichloroethene	9.09	130	129300	51.453	ug/l	97
45) 1,2-Dichloropropane	9.37	63	94988	49.718	ug/l	97
46) Dibromomethane	9.46	93	54729	49.521	ug/l #	88
47) Bromodichloromethane	9.64	83	148027	50.104	ug/l	100
48) Methyl methacrylate	9.43	41	43803	44.262	ug/l #	84
49) 1,4-Dioxane	9.45	88	13668	927.697	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	222221	226.128	ug/l	96
52) Toluene	10.38	92	290637	50.548	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	143315	49.196	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	167877	49.579	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	76261	49.279	ug/l	96
56) Ethyl methacrylate	10.65	69	93926	47.113	ug/l	93
57) 1,3-Dichloropropane	10.93	76	125327	48.889	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	218238	236.118	ug/l #	88
59) 2-Hexanone	10.97	43	168524	240.233	ug/l	96
60) Dibromochloromethane	11.13	129	104149	50.971	ug/l	99
61) 1,2-Dibromoethane	11.23	107	74881	49.589	ug/l	99
64) Tetrachloroethene	10.86	164	121763	52.269	ug/l	95
65) Chlorobenzene	11.66	112	326718	51.010	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	117092	50.865	ug/l	97
67) Ethyl Benzene	11.73	91	598143	50.077	ug/l	98
68) m/p-Xylenes	11.83	106	471831	100.777	ug/l	99
69) o-Xylene	12.16	106	222071	50.816	ug/l	98
70) Styrene	12.18	104	378424	50.801	ug/l	99
71) Bromoform	12.35	173	62255	47.996	ug/l #	98
73) Isopropylbenzene	12.46	105	616173	50.252	ug/l	100
74) N-amyl acetate	12.27	43	93952	44.043	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.71	83	79058	45.412	ug/l	99
76) 1,2,3-Trichloropropane	12.76	75	107528	78.596	ug/l #	100
77) Bromobenzene	12.74	156	141036	50.064	ug/l	83
78) n-propylbenzene	12.80	91	710474	49.765	ug/l	96
79) 2-Chlorotoluene	12.89	91	403953	50.208	ug/l	96
80) 1,3,5-Trimethylbenzene	12.94	105	532568	50.421	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	27989	44.722	ug/l	94
82) 4-Chlorotoluene	12.99	91	427419	50.035	ug/l	97
83) tert-Butylbenzene	13.21	119	469255	50.831	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	512878	49.230	ug/l	98
85) sec-Butylbenzene	13.38	105	644800	50.575	ug/l	98
86) p-Isopropyltoluene	13.50	119	598661	50.533	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	286104	51.115	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	277935	50.655	ug/l	97
89) n-Butylbenzene	13.82	91	539604	49.833	ug/l	98
90) Hexachloroethane	14.09	117	105727	48.664	ug/l	72
91) 1,2-Dichlorobenzene	13.87	146	245279	50.428	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.48	75	14306	45.409	ug/l	88

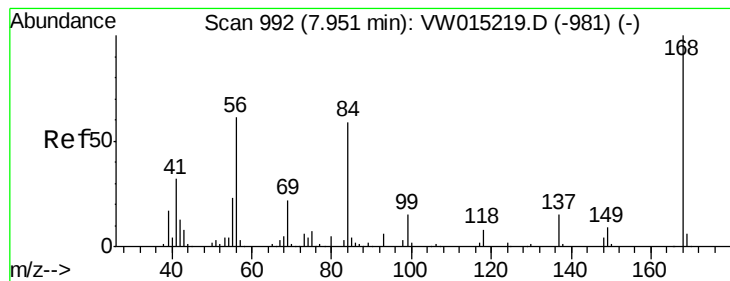
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042320\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	163741	48.432	ug/l	98
94) Hexachlorobutadiene	15.24	225	111300	49.379	ug/l	97
95) Naphthalene	15.36	128	253543	46.621	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	135588	49.292	ug/l	98

(#) = 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: VW015321.D

Acq: 23 Apr 2020 10:06

Instrument :

MSVOA_W

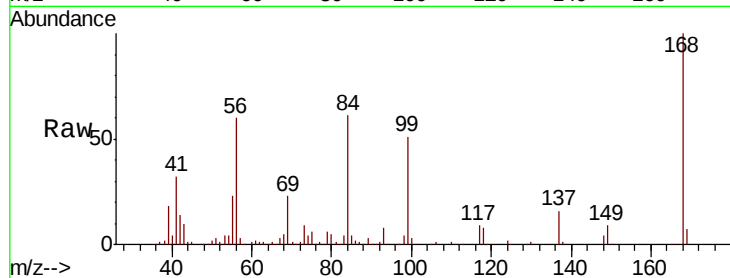
ClientSampled :

Tot Ion:168 Resp: 243890

Ion Ratio Lower Upper

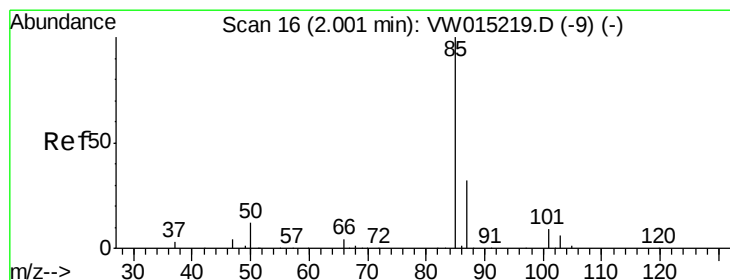
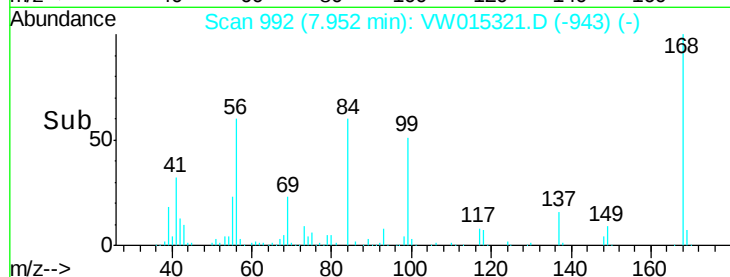
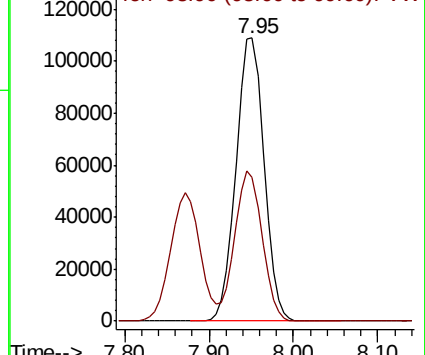
168 100

99 50.7 48.5 72.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 47.731 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW015321.D

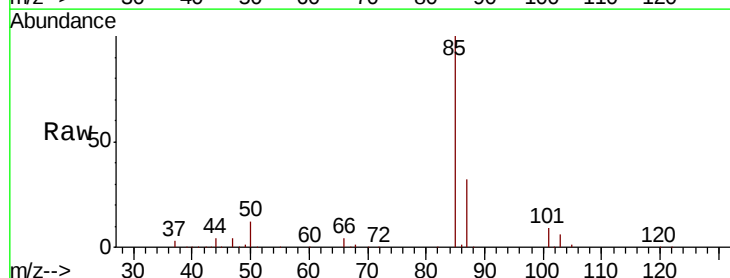
Acq: 23 Apr 2020 10:06

Tgt Ion: 85 Resp: 91929

Ion Ratio Lower Upper

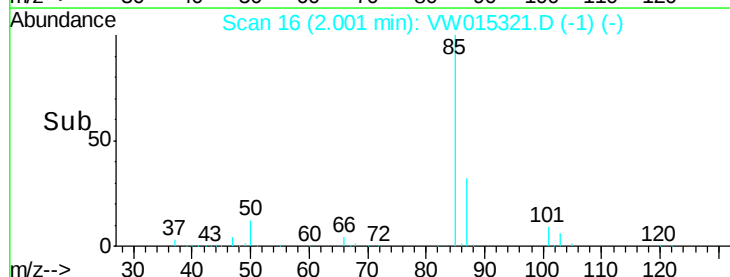
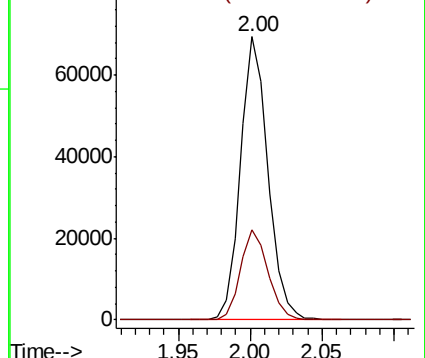
85 100

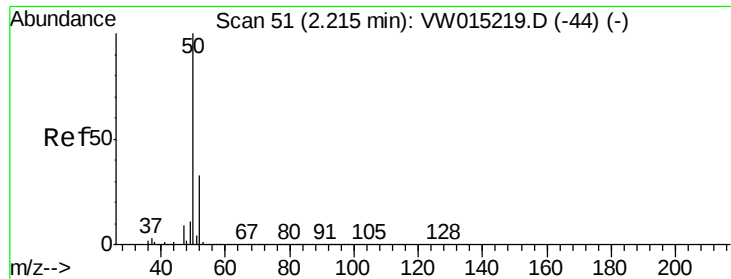
87 32.0 17.2 51.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

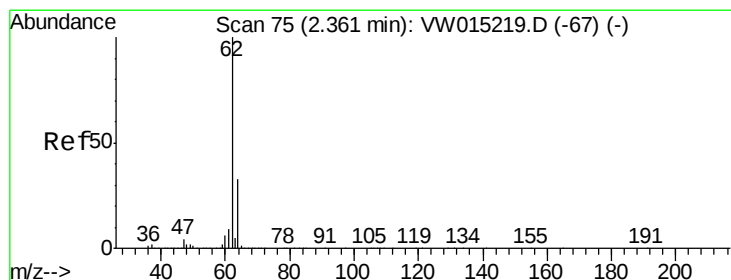
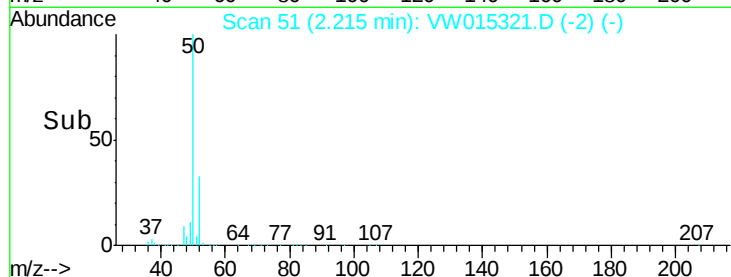
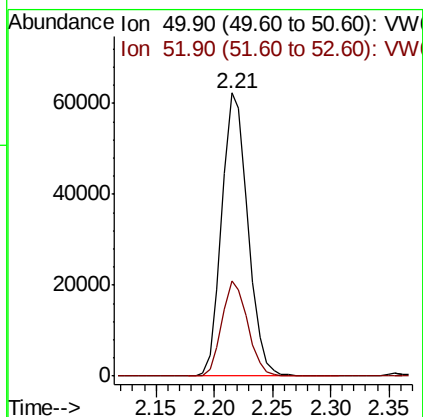
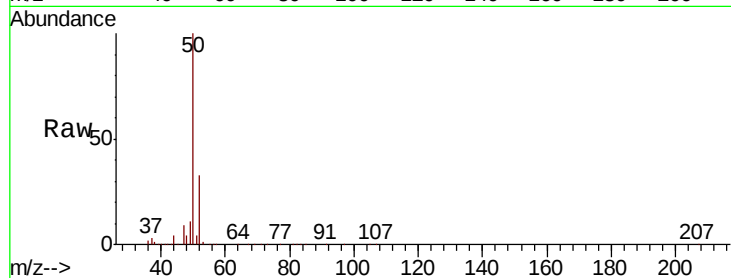




#3
Chloromethane
Concen: 46.105 ug/l
RT: 2.21 min Scan# 51
Delta R.T. 0.00 min
Lab File: VW015321.D
Acq: 23 Apr 2020 10:06

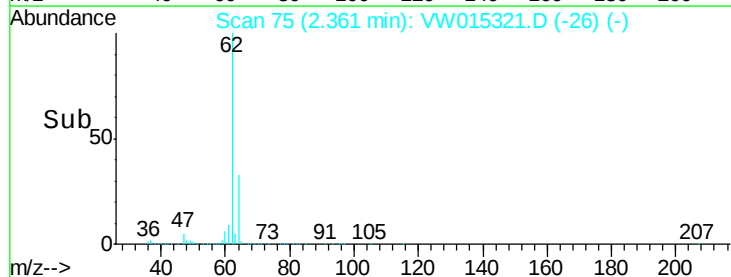
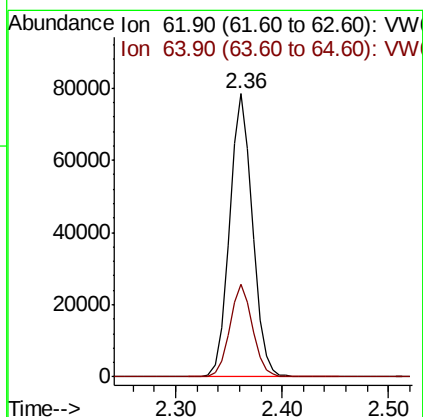
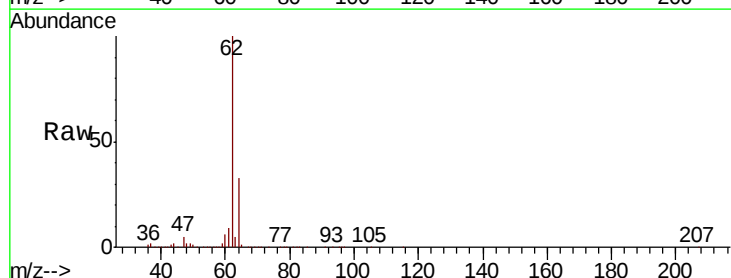
Instrument :
MSVOA_W
ClientSampleId :

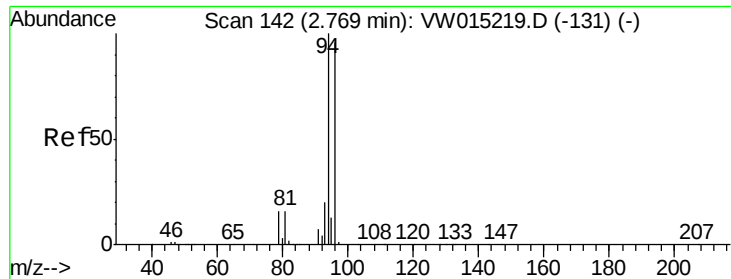
Tot Ion: 50 Resp: 96699
Ion Ratio Lower Upper
50 100
52 33.4 26.5 39.7



#4
Vinyl Chloride
Concen: 47.824 ug/l
RT: 2.36 min Scan# 75
Delta R.T. 0.00 min
Lab File: VW015321.D
Acq: 23 Apr 2020 10:06

Tgt Ion: 62 Resp: 118445
Ion Ratio Lower Upper
62 100
64 32.6 25.4 38.2





#5

Bromomethane

Concen: 50.945 ug/l

RT: 2.77 min Scan# 142

Delta R.T. 0.00 min

Lab File: VW015321.D

Acq: 23 Apr 2020 10:06

Instrument :

MSVOA_W

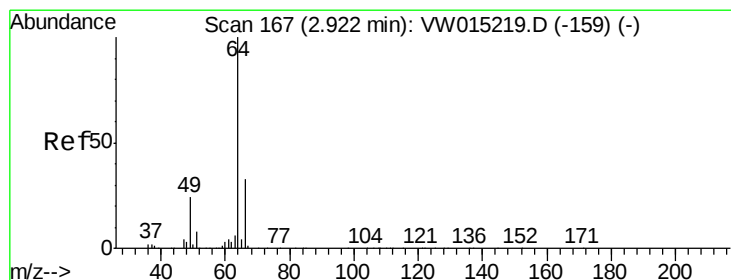
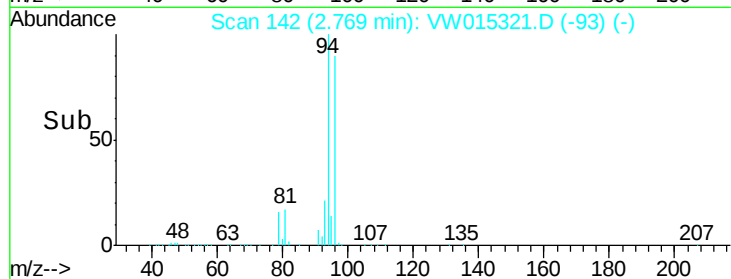
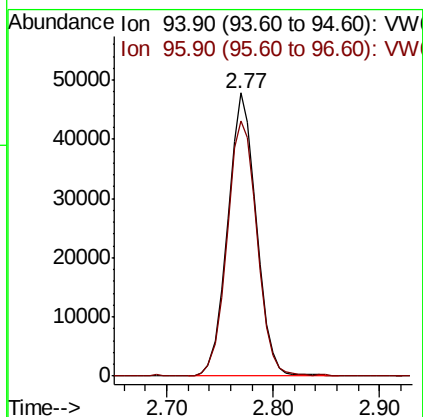
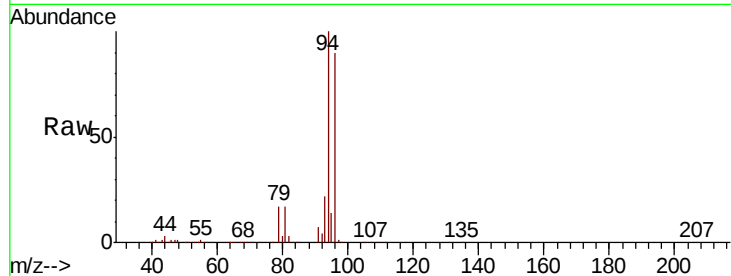
ClientSampleId :

Tot Ion: 94 Resp: 89713

Ion Ratio Lower Upper

94 100

96 90.1 70.4 105.6



#6

Chloroethane

Concen: 45.952 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.00 min

Lab File: VW015321.D

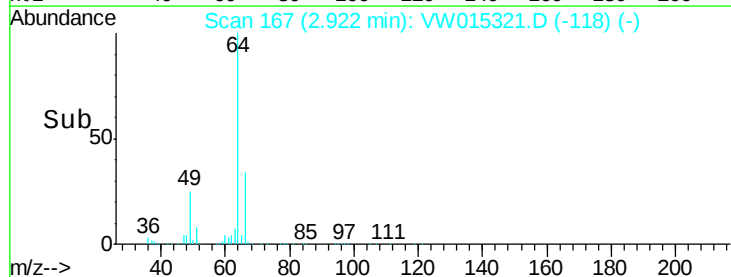
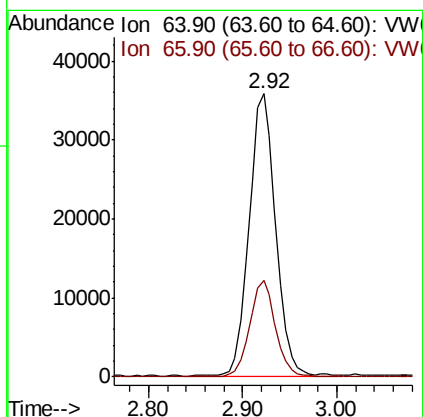
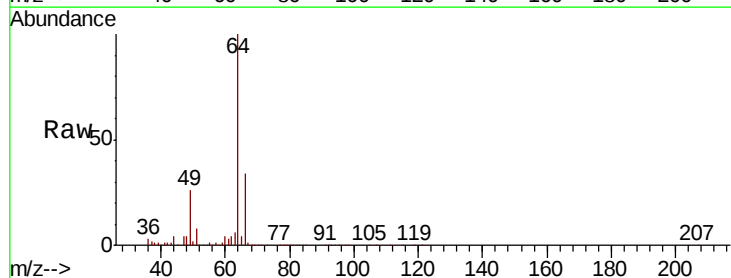
Acq: 23 Apr 2020 10:06

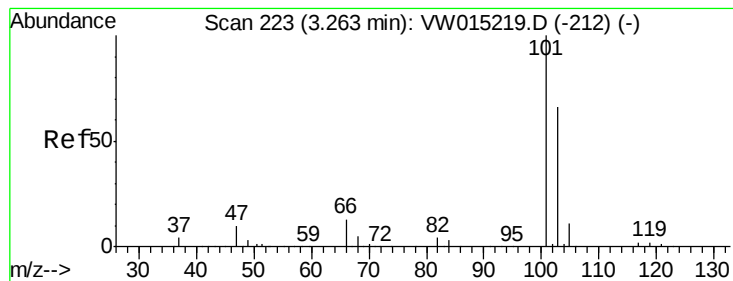
Tgt Ion: 64 Resp: 70595

Ion Ratio Lower Upper

64 100

66 34.1 25.8 38.6



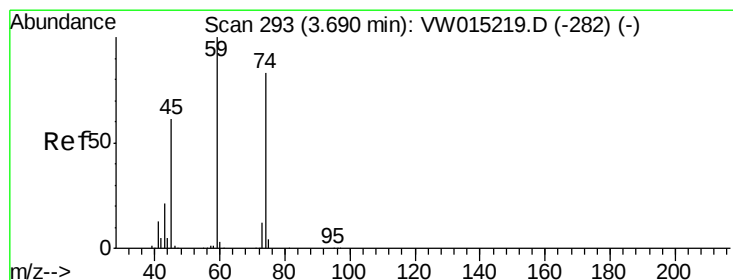
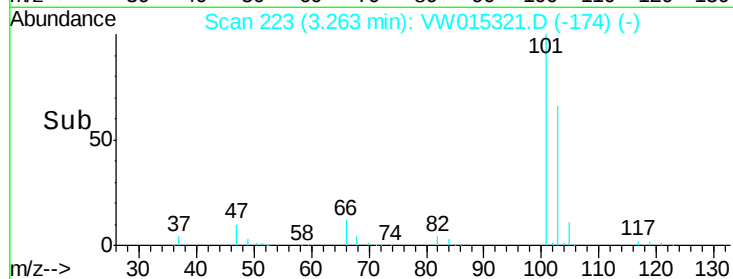
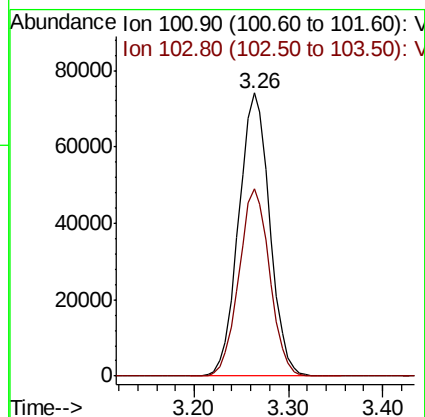
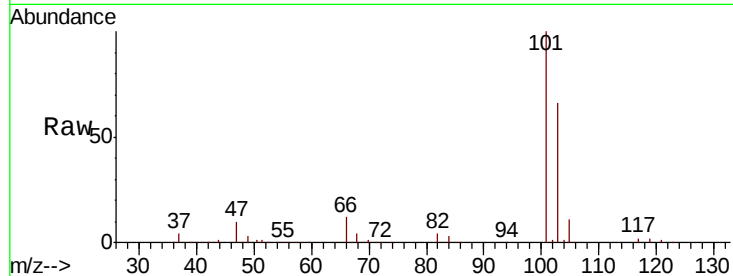


#7

Trichlorofluoromethane
 Concen: 48.519 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VW015321.D
 Acq: 23 Apr 2020 10:06

Instrument :
 MSVOA_W
 ClientSampled :

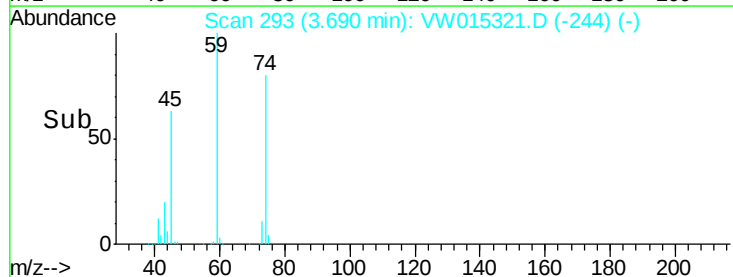
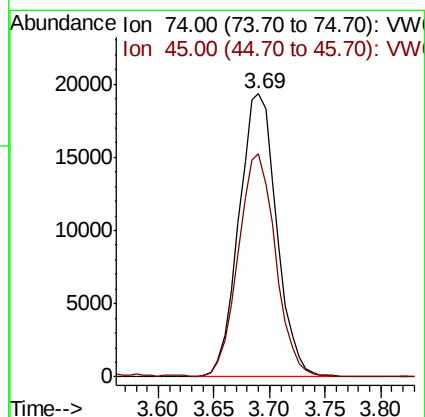
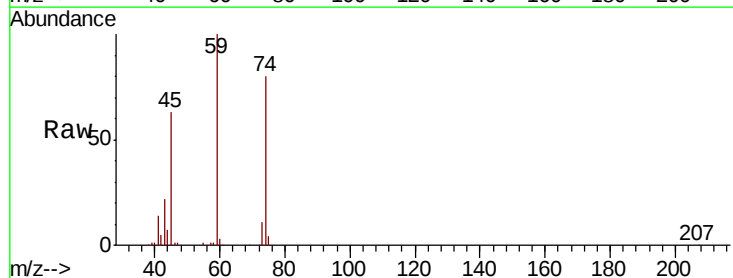
Tot Ion:101 Resp: 170040
 Ion Ratio Lower Upper
 101 100
 103 66.0 51.3 76.9

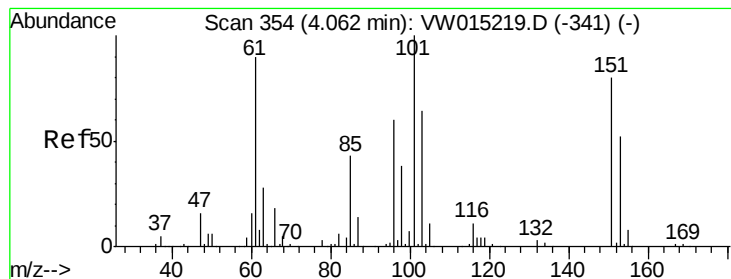


#8

Diethyl Ether
 Concen: 46.247 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VW015321.D
 Acq: 23 Apr 2020 10:06

Tgt Ion: 74 Resp: 45494
 Ion Ratio Lower Upper
 74 100
 45 78.0 45.5 136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.946 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.01 min

Lab File: VW015321.D

Acq: 23 Apr 2020 10:06

Instrument :

MSVOA_W

ClientSampleId :

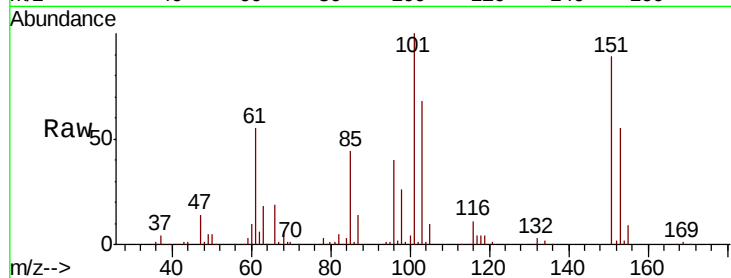
Tot Ion:101 Resp: 103623

Ion Ratio Lower Upper

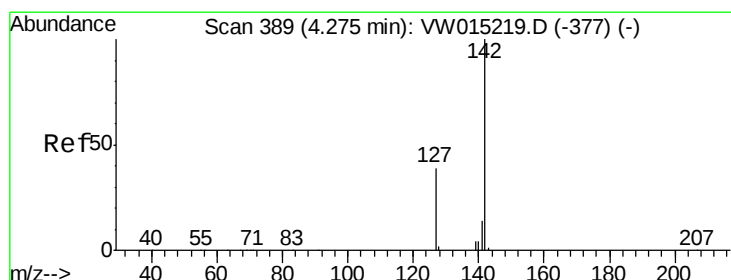
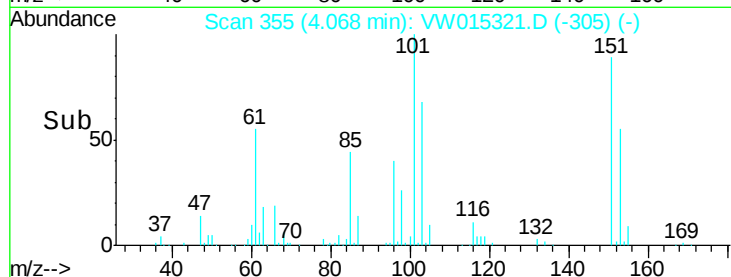
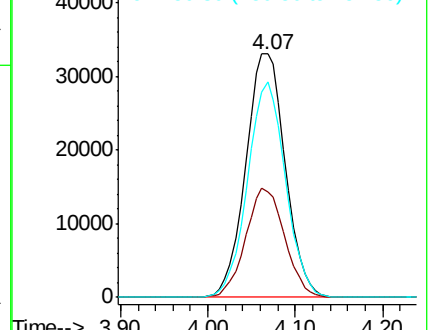
101 100

85 44.2 35.3 52.9

151 85.1 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: 52.282 ug/l

RT: 4.28 min Scan# 389

Delta R.T. 0.00 min

Lab File: VW015321.D

Acq: 23 Apr 2020 10:06

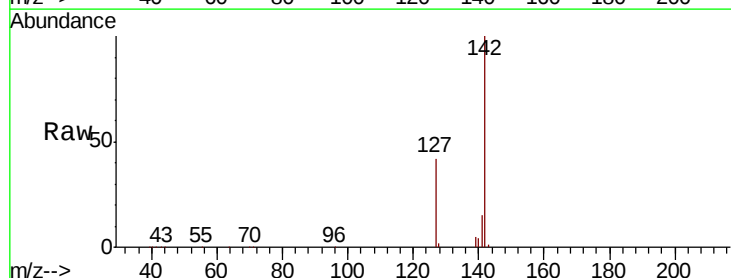
Tgt Ion:142 Resp: 118681

Ion Ratio Lower Upper

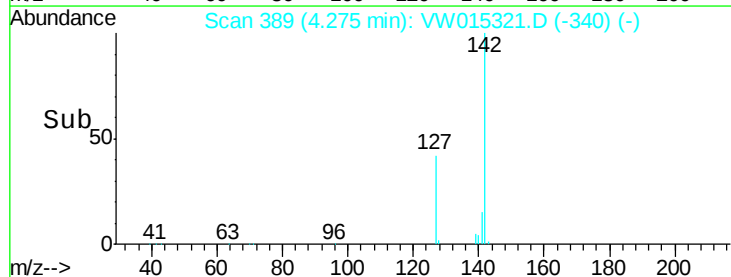
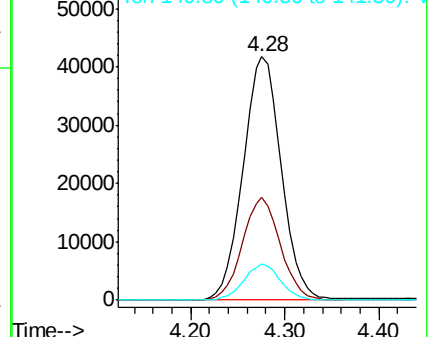
142 100

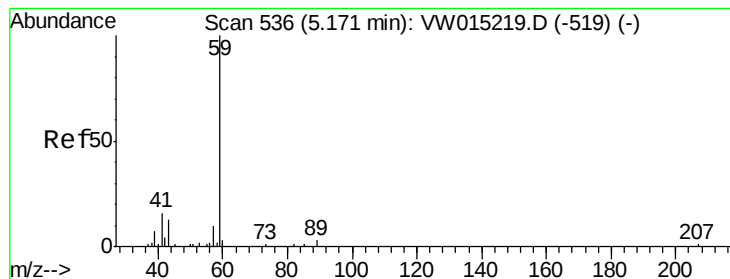
127 41.9 33.9 50.9

141 14.4 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: 202.163 ug/l

RT: 5.17 min Scan# 536

Delta R.T. 0.00 min

Lab File: VW015321.D

Acq: 23 Apr 2020 10:06

Instrument :

MSVOA_W

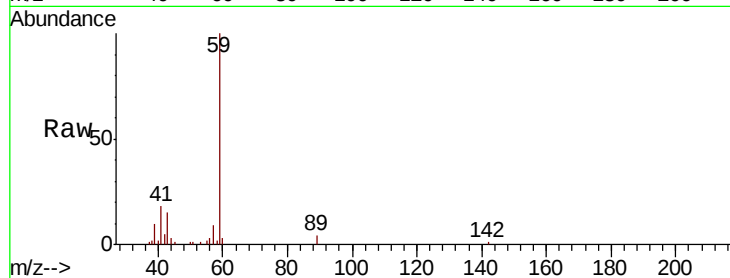
ClientSampled :

Tot Ion: 59 Resp: 32867

Ion Ratio Lower Upper

59 100

57 11.0 8.4 12.6



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.17

10000

8000

6000

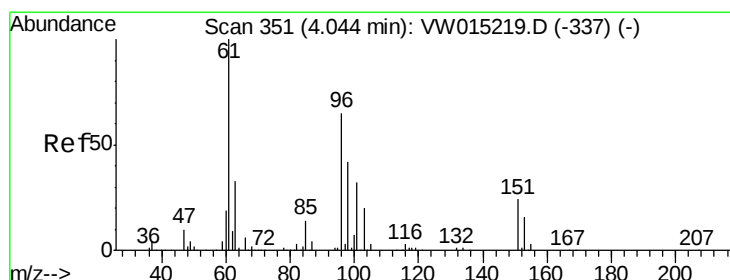
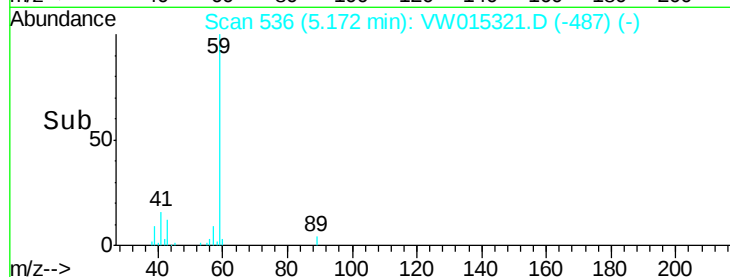
4000

2000

0

Time-->

5.00 5.10 5.20 5.30



#12

1,1-Dichloroethene

Concen: 48.433 ug/l

RT: 4.04 min Scan# 351

Delta R.T. 0.00 min

Lab File: VW015321.D

Acq: 23 Apr 2020 10:06

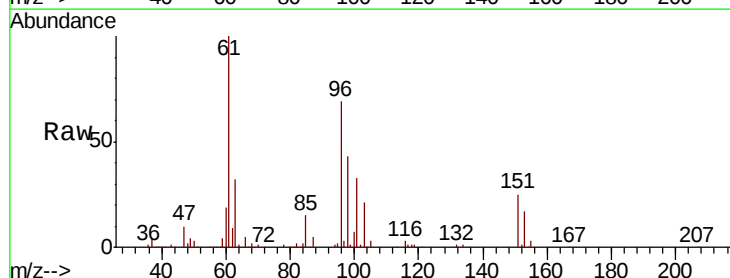
Tgt Ion: 96 Resp: 100752

Ion Ratio Lower Upper

96 100

61 144.6 127.0 190.4

98 62.9 51.0 76.4



Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW

4.04

60000

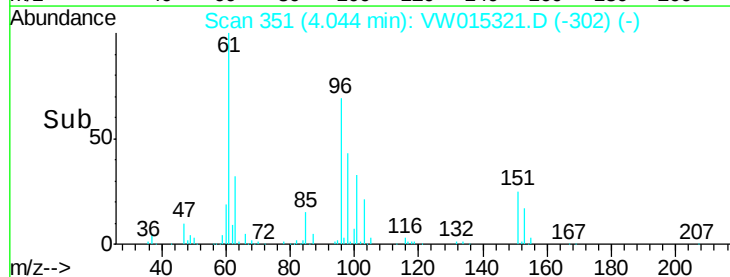
40000

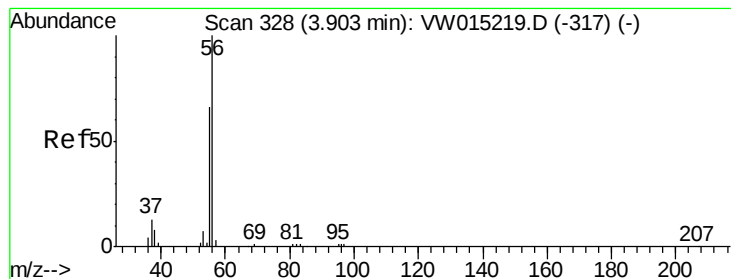
20000

0

Time-->

3.90 4.00 4.10





#13

Acrolein

Concen: 268.756 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW015321.D

Acq: 23 Apr 2020 10:06

Instrument :

MSVOA_W

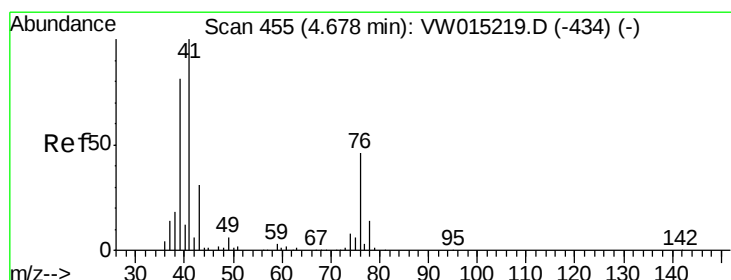
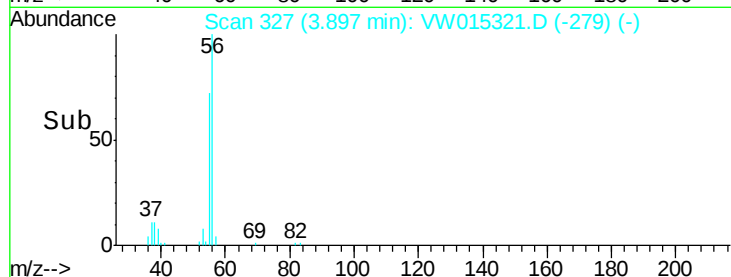
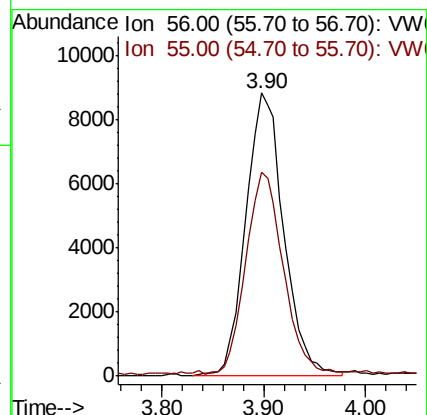
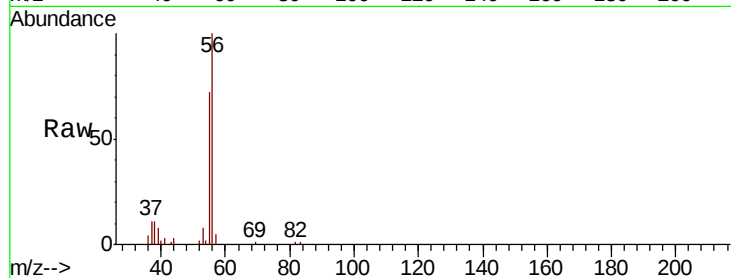
ClientSampleId :

Tot Ion: 56 Resp: 22869

Ion Ratio Lower Upper

56 100

55 70.0 56.2 84.2



#14

Allyl chloride

Concen: 47.042 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW015321.D

Acq: 23 Apr 2020 10:06

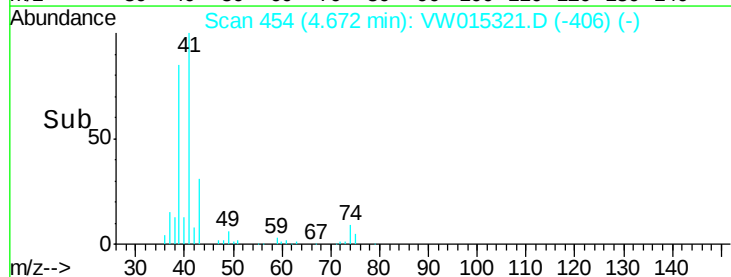
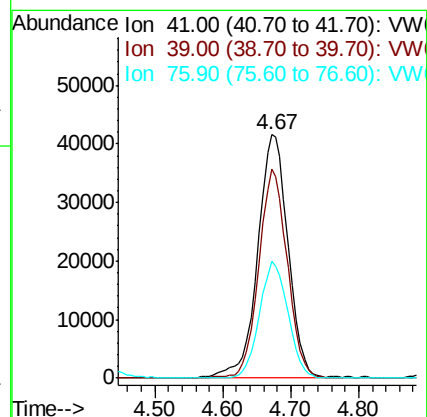
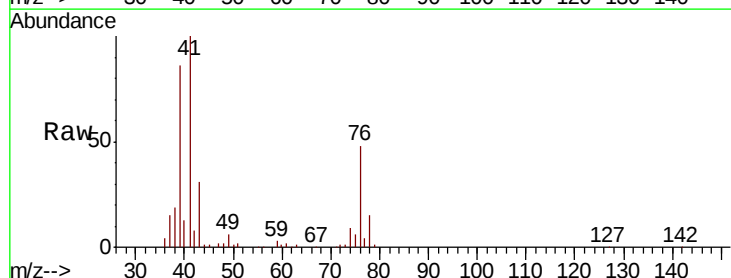
Tgt Ion: 41 Resp: 129820

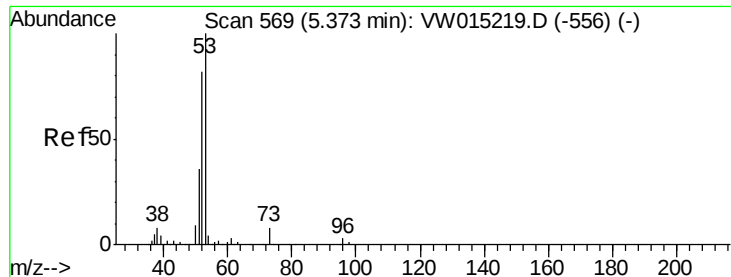
Ion Ratio Lower Upper

41 100

39 80.6 54.0 81.0

76 45.0 31.8 47.6





#15

Acrylonitrile

Concen: 221.601 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.00 min

Lab File: VW015321.D

Acq: 23 Apr 2020 10:06

Instrument :

MSVOA_W

ClientSampleId :

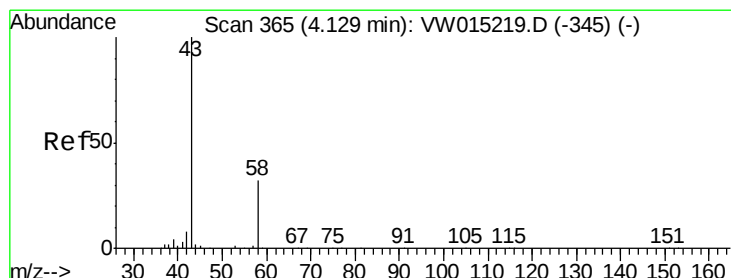
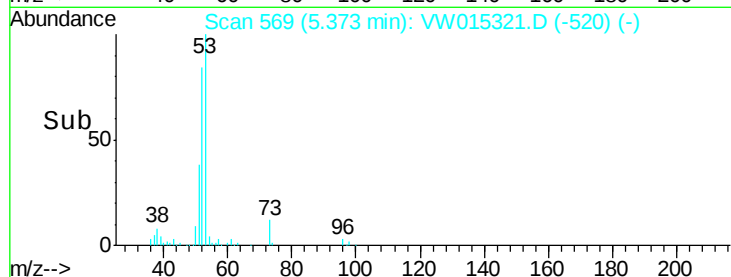
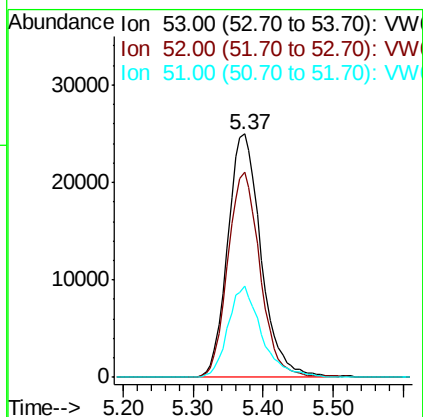
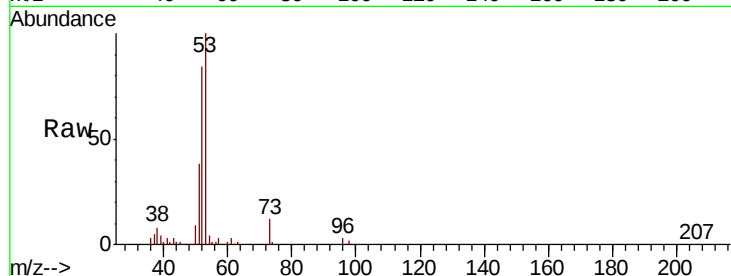
Tot Ion: 53 Resp: 82958

Ion Ratio Lower Upper

53 100

52 81.6 65.2 97.8

51 37.5 28.2 42.4



#16

Acetone

Concen: 253.609 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW015321.D

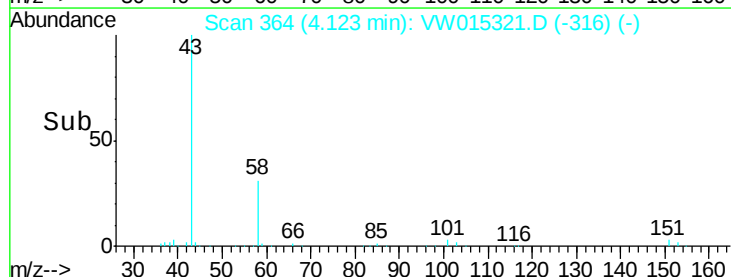
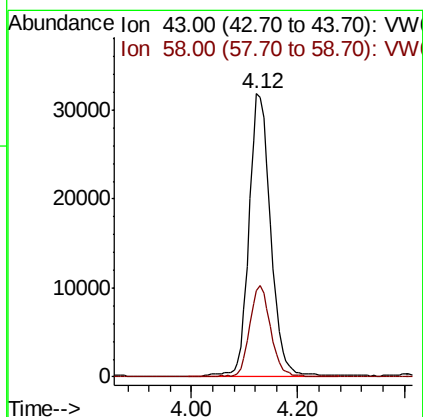
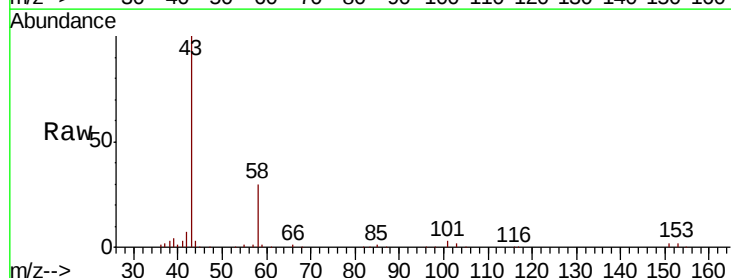
Acq: 23 Apr 2020 10:06

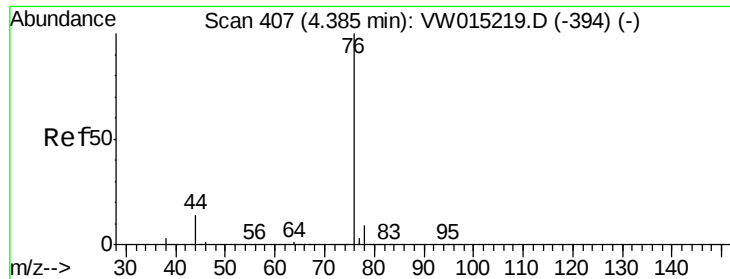
Tgt Ion: 43 Resp: 88344

Ion Ratio Lower Upper

43 100

58 30.5 27.0 40.4

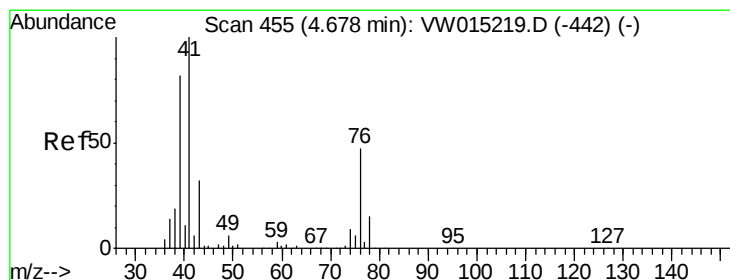
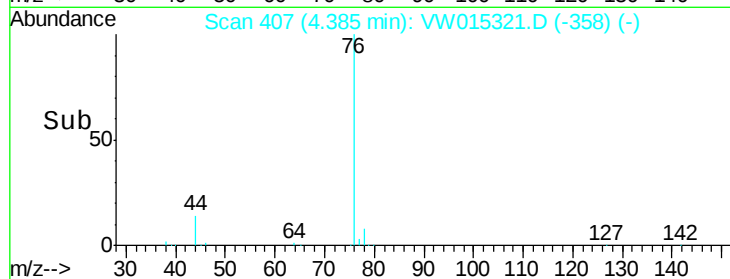
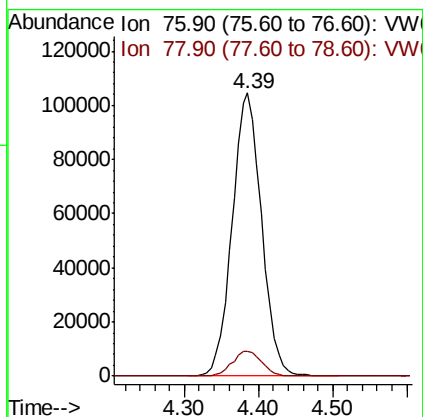
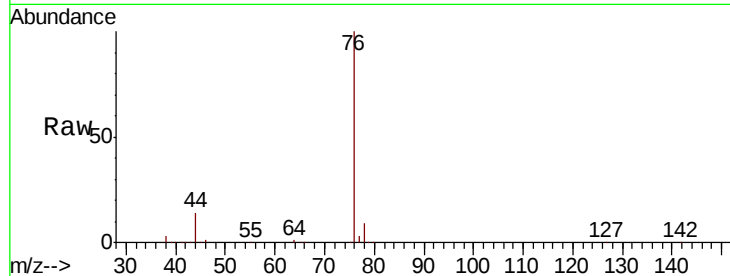




#17
Carbon Disulfide
Concen: 46.607 ug/l
RT: 4.39 min Scan# 407
Delta R.T. 0.00 min
Lab File: VW015321.D
Acq: 23 Apr 2020 10:06

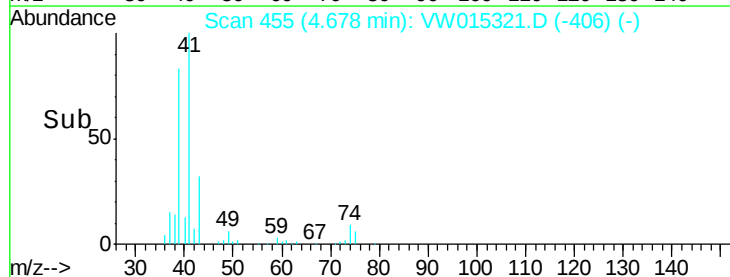
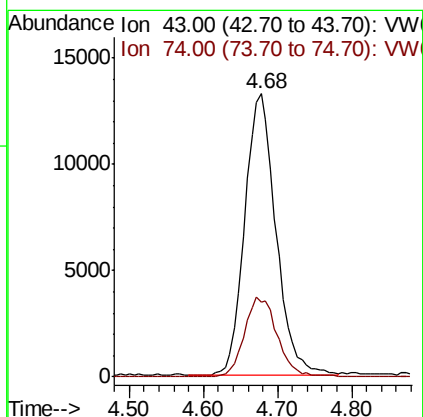
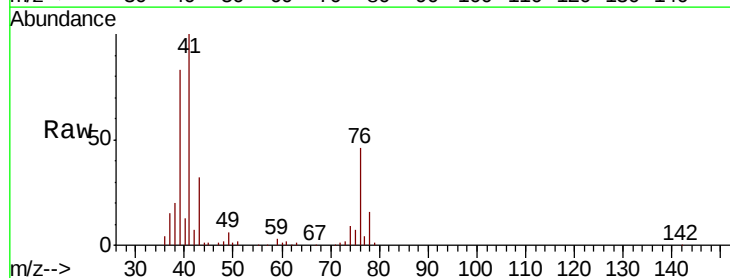
Instrument :
MSVOA_W
ClientSampled :

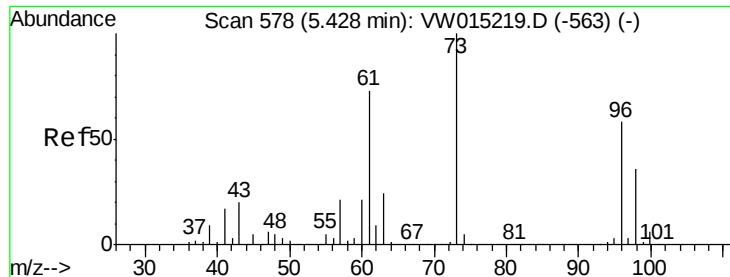
Tot Ion: 76 Resp: 288122
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.6



#18
Methyl Acetate
Concen: 42.449 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.00 min
Lab File: VW015321.D
Acq: 23 Apr 2020 10:06

Tgt Ion: 43 Resp: 39141
Ion Ratio Lower Upper
43 100
74 29.5 20.6 31.0

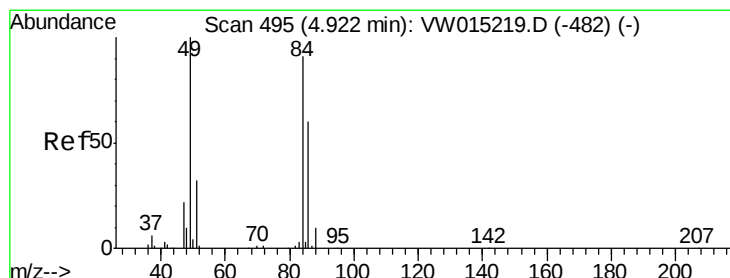
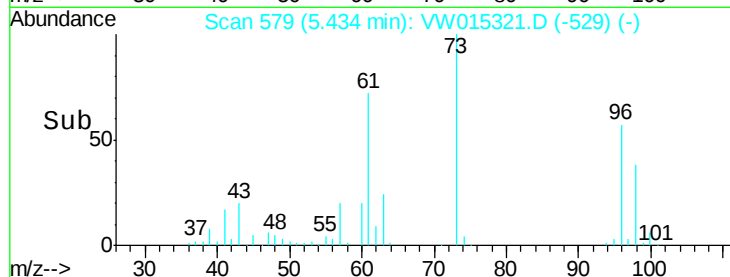
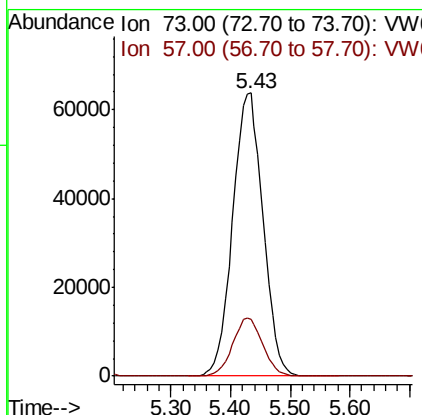
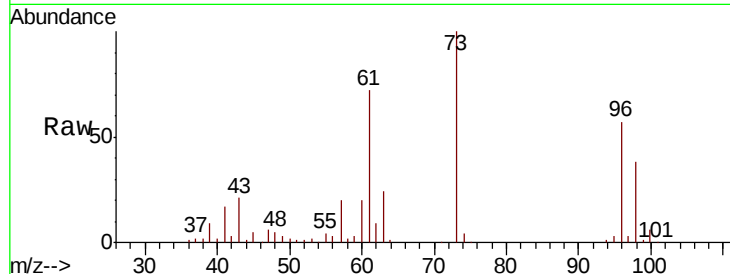




#19
Methvl tert-butvl Ether
Concen: 47.184 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.01 min
Lab File: VW015321.D
Acq: 23 Apr 2020 10:06

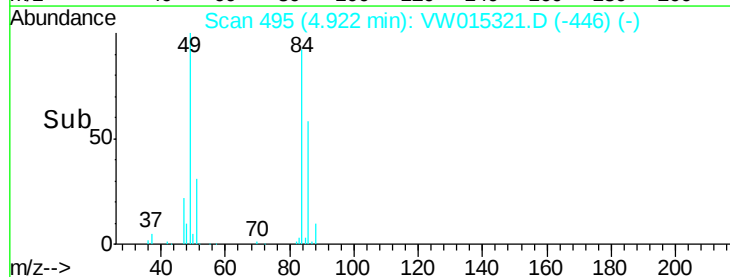
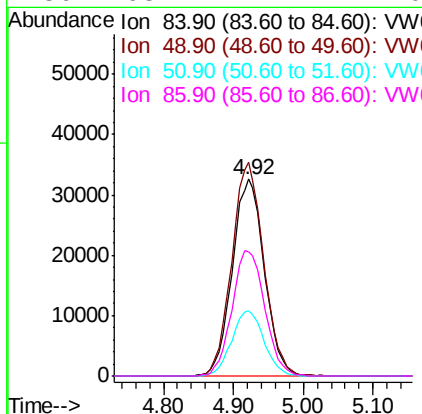
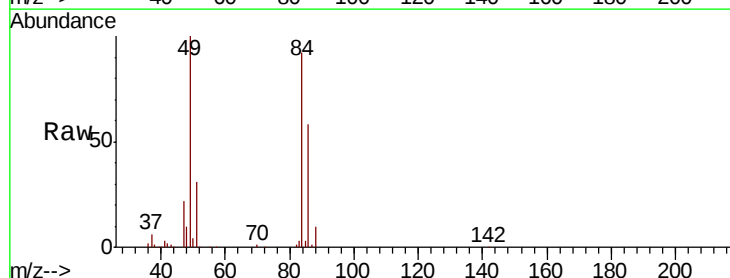
Instrument :
MSVOA_W
ClientSampleId :

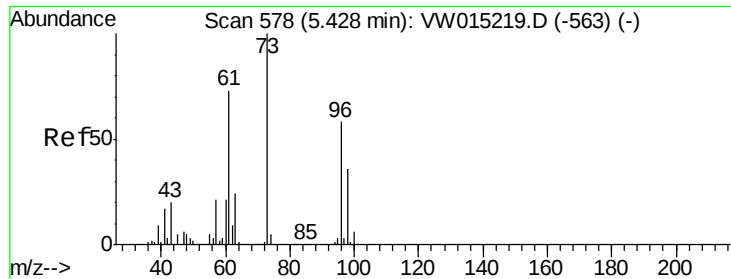
Tot Ion: 73 Resp: 225320
Ion Ratio Lower Upper
73 100
57 20.1 17.8 26.6



#20
Methylene Chloride
Concen: 45.478 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW015321.D
Acq: 23 Apr 2020 10:06

Tgt Ion: 84 Resp: 103826
Ion Ratio Lower Upper
84 100
49 108.6 95.4 143.0
51 33.3 29.8 44.8
86 63.4 47.4 71.0





#21

trans-1,2-Dichloroethene

Concen: 48.319 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.00 min

Lab File: VW015321.D

Acq: 23 Apr 2020 10:06

Instrument :

MSVOA_W

ClientSampleId :

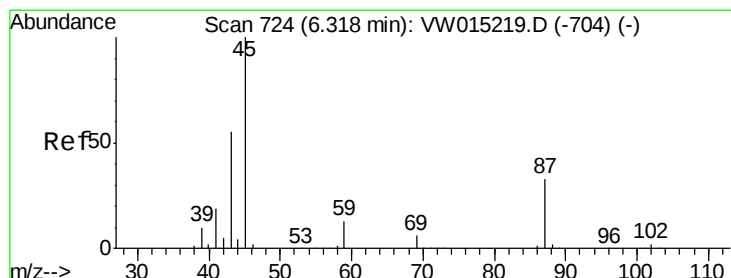
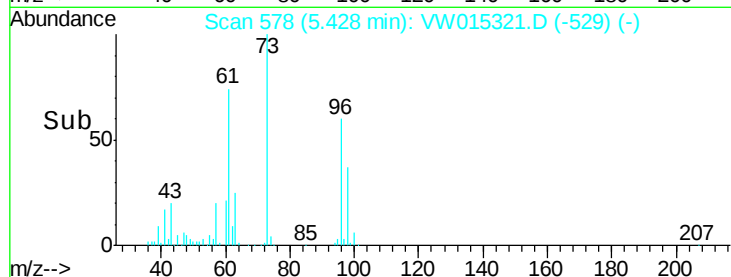
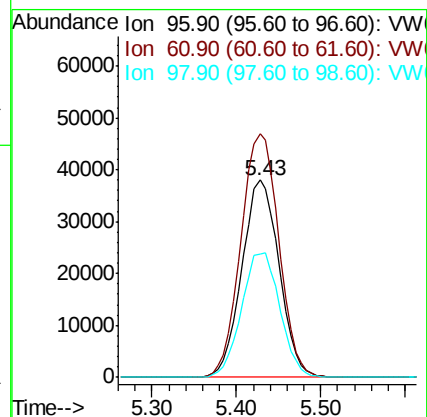
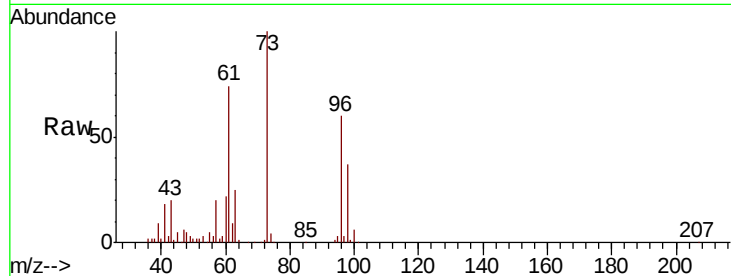
Tot Ion: 96 Resp: 113998

Ion Ratio Lower Upper

96 100

61 123.5 107.8 161.6

98 62.3 50.2 75.2



#22

Diisopropyl ether

Concen: 47.288 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW015321.D

Acq: 23 Apr 2020 10:06

Tgt Ion: 45 Resp: 250352

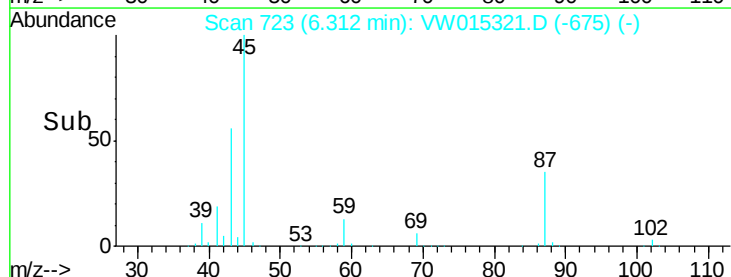
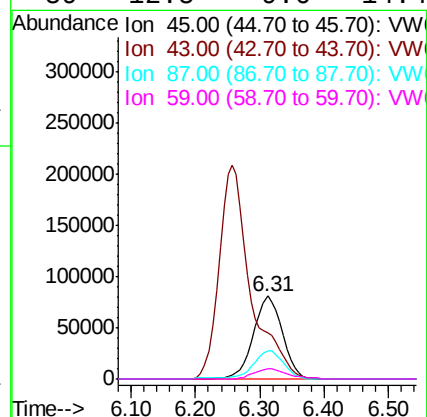
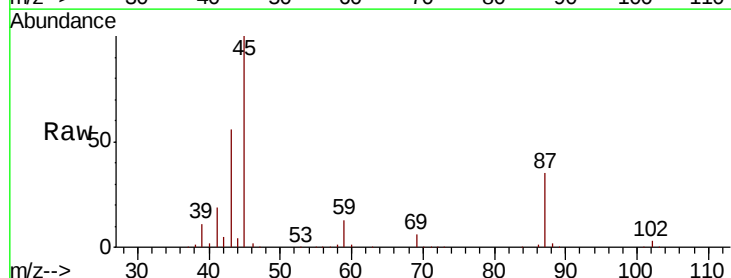
Ion Ratio Lower Upper

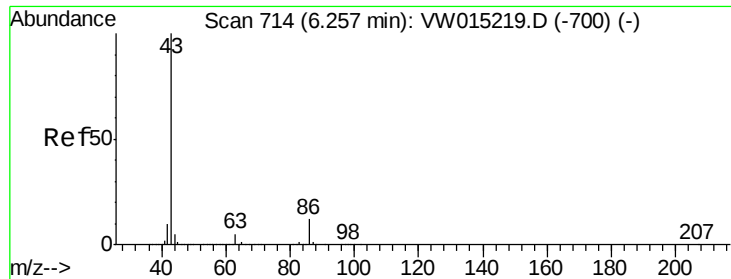
45 100

43 55.8 41.8 62.6

87 34.7 23.2 34.8

59 12.5 9.6 14.4

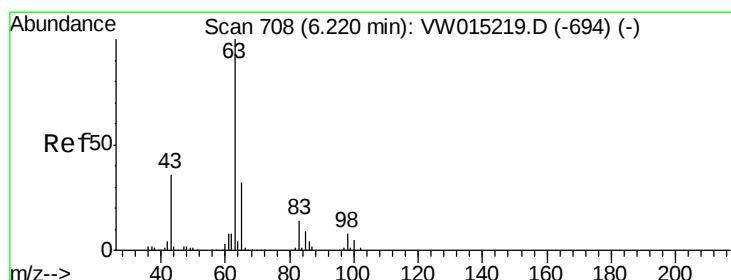
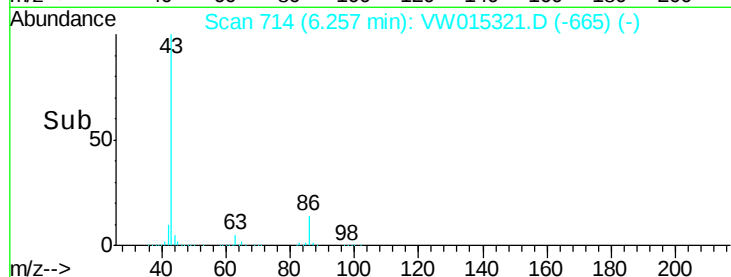
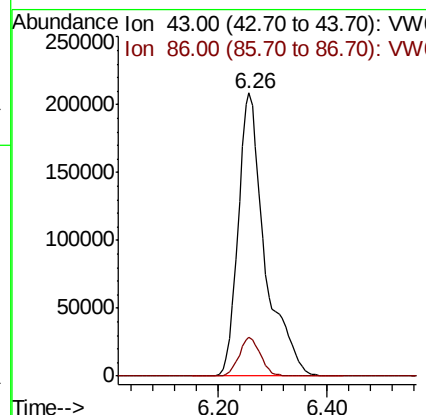
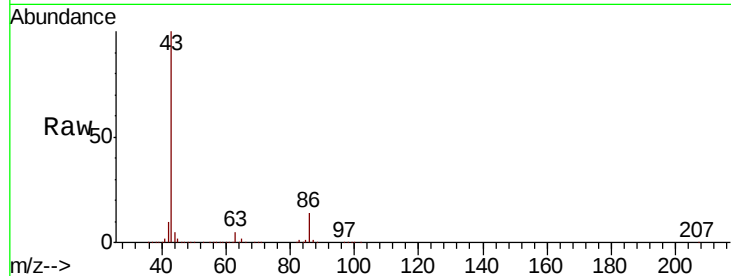




#23
 Vinyl Acetate
 Concen: 229.752 ug/l
 RT: 6.26 min Scan# 714
 Delta R.T. 0.00 min
 Lab File: VW015321.D
 Acq: 23 Apr 2020 10:06

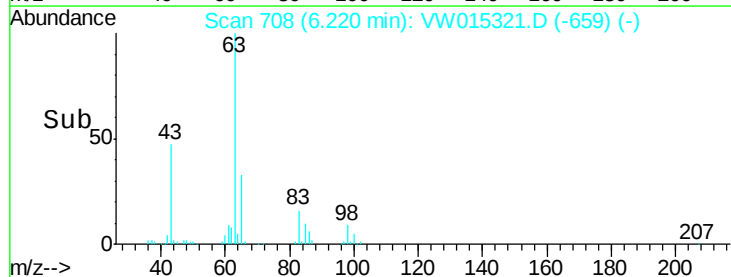
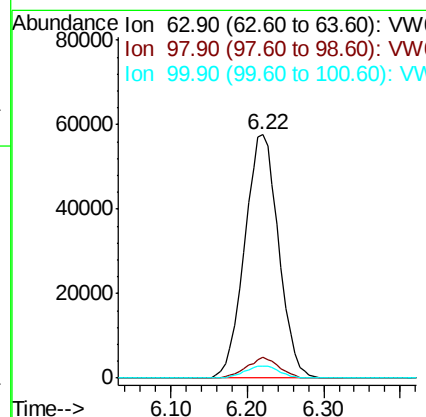
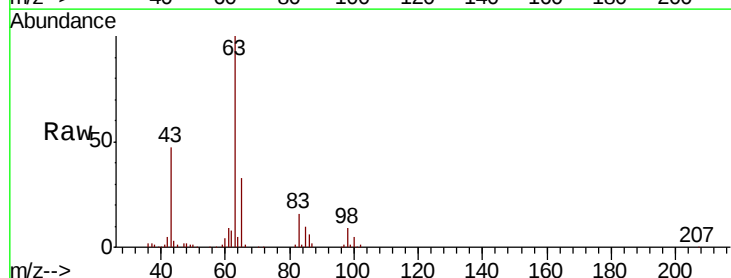
Instrument :
 MSVOA_W
 ClientSampleId :

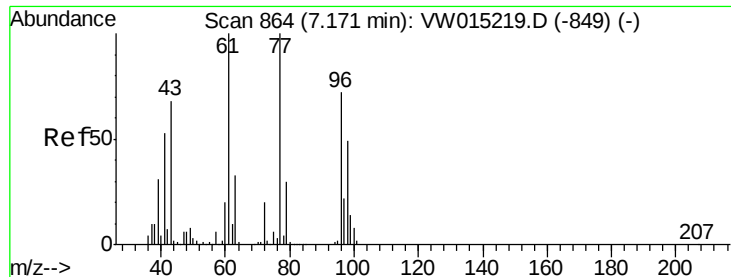
Tot Ion: 43 Resp: 713782
 Ion Ratio Lower Upper
 43 100
 86 13.7 9.1 13.7#



#24
 1,1-Dichloroethane
 Concen: 48.324 ug/l
 RT: 6.22 min Scan# 708
 Delta R.T. 0.00 min
 Lab File: VW015321.D
 Acq: 23 Apr 2020 10:06

Tgt Ion: 63 Resp: 177307
 Ion Ratio Lower Upper
 63 100
 98 8.5 3.6 10.9
 100 5.1 2.4 7.2





#25

2-Butanone

Concen: 237.587 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW015321.D

Acq: 23 Apr 2020 10:06

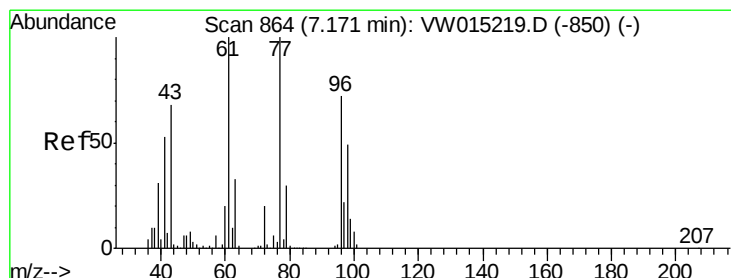
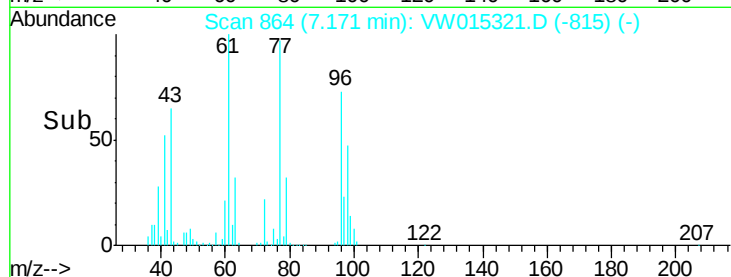
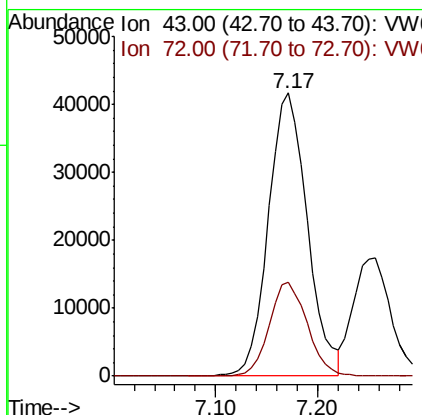
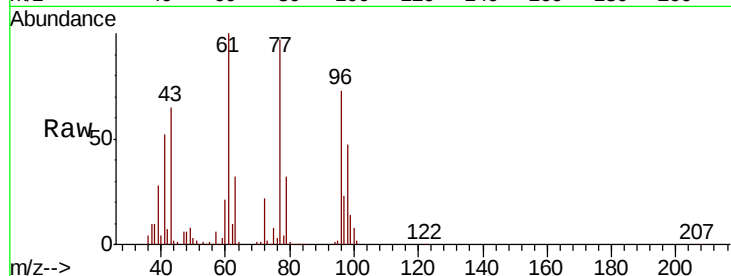
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 109804

Ion Ratio Lower Upper

43 100

72 33.2 21.6 32.4#



#26

2,2-Dichloropropane

Concen: 48.394 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW015321.D

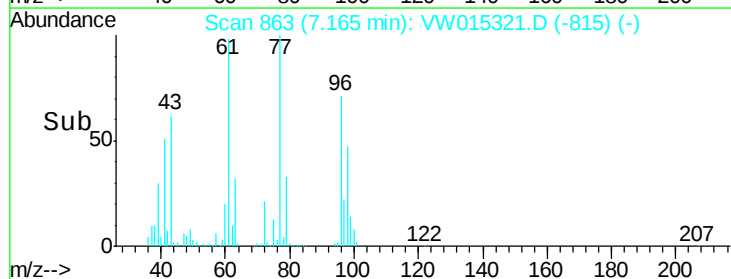
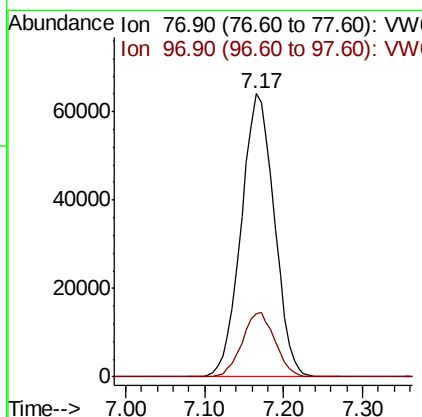
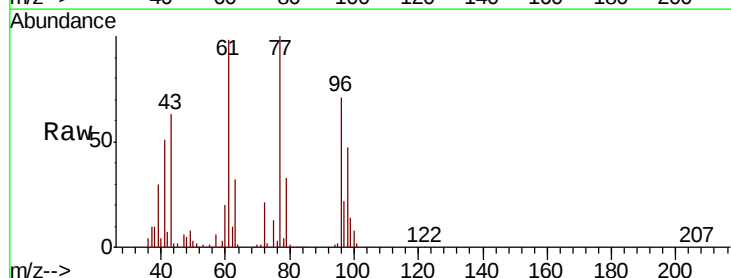
Acq: 23 Apr 2020 10:06

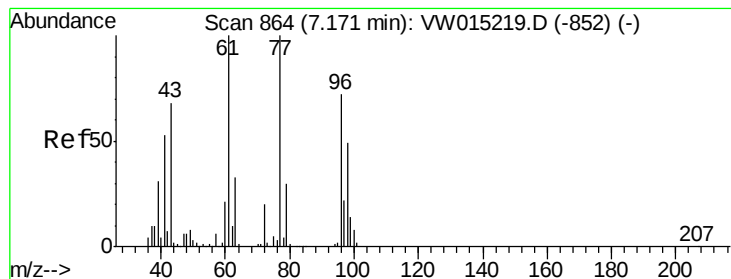
Tgt Ion: 77 Resp: 186805

Ion Ratio Lower Upper

77 100

97 22.5 11.9 35.5



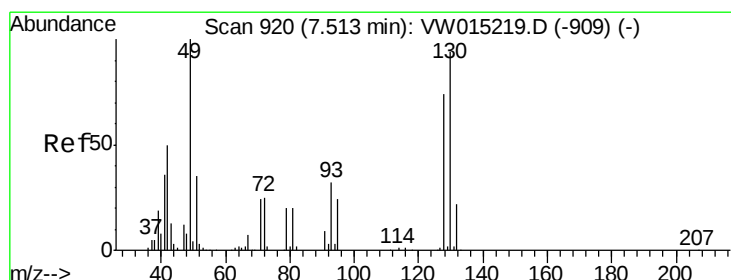
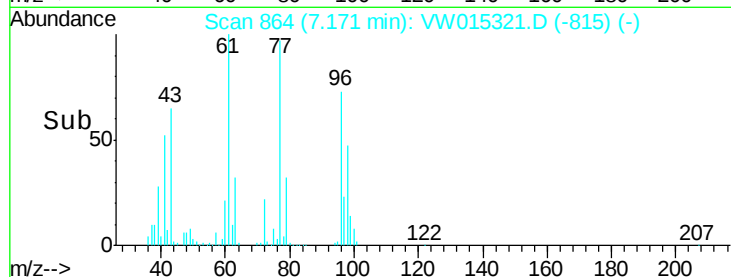
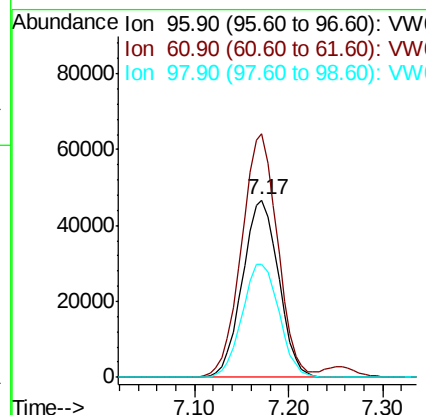
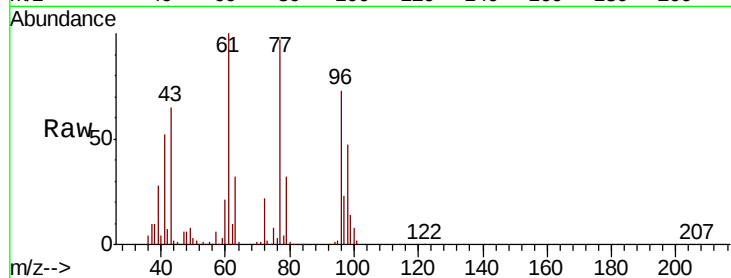


#27

cis-1,2-Dichloroethene
Concen: 48.993 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW015321.D
Acq: 23 Apr 2020 10:06

Instrument :
MSVOA_W
ClientSampled :

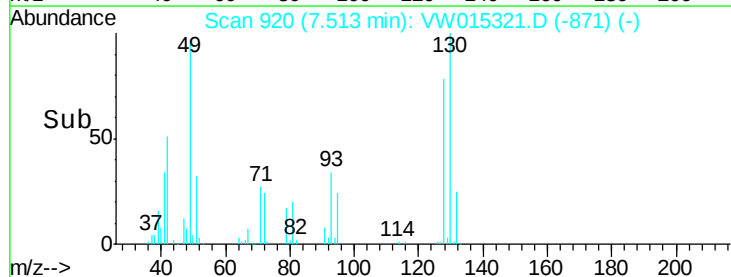
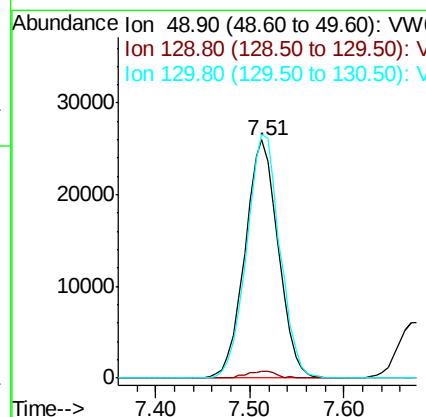
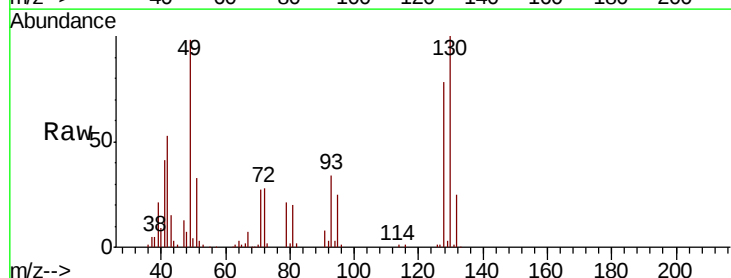
Tot Ion	96	Resp	124787
Ion	Ratio	Lower	Upper
96	100		
61	137.6	0.0	275.0
98	65.3	0.0	130.8

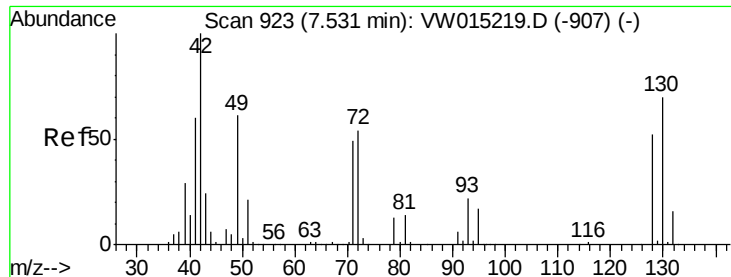


#28

Bromochloromethane
Concen: 48.143 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW015321.D
Acq: 23 Apr 2020 10:06

Tgt Ion	49	Resp	64224
Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.6
130	102.3	60.9	91.3#





#29

Tetrahydrofuran

Concen: 219.237 ug/l

RT: 7.53 min Scan# 923

Delta R.T. 0.00 min

Lab File: VW015321.D

Acq: 23 Apr 2020 10:06

Instrument :

MSVOA_W

ClientSampled :

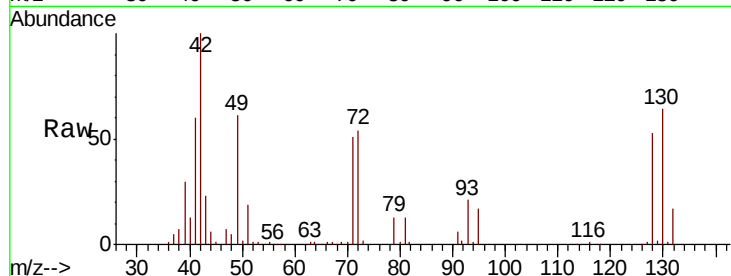
Tot Ion: 42 Resp: 63126

Ion Ratio Lower Upper

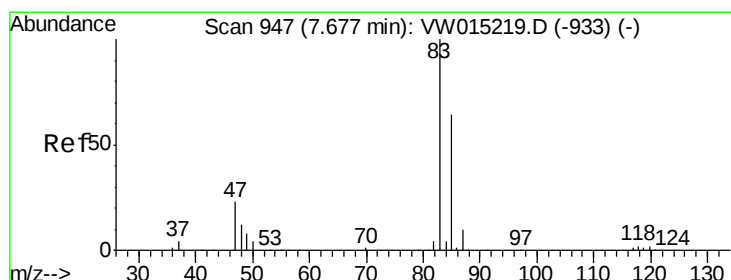
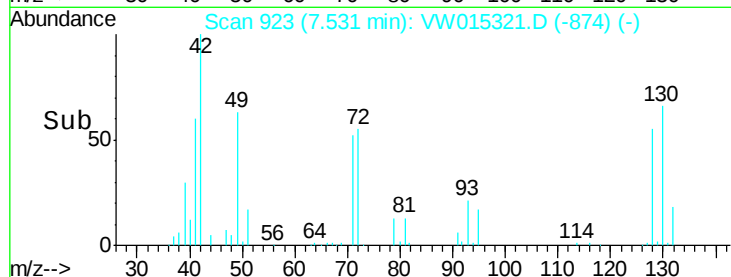
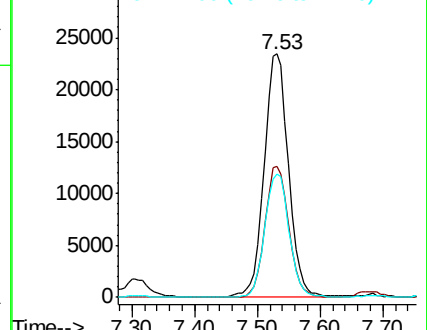
42 100

72 52.5 36.2 54.2

71 50.8 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: 49.465 ug/l

RT: 7.68 min Scan# 947

Delta R.T. 0.00 min

Lab File: VW015321.D

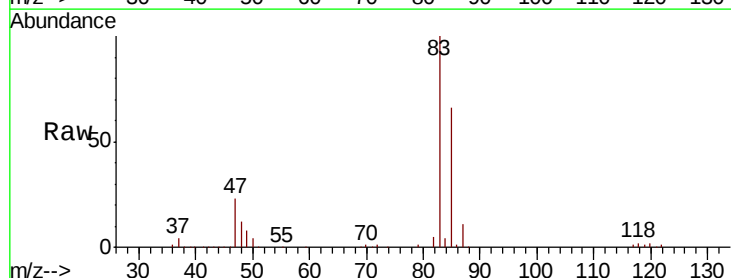
Acq: 23 Apr 2020 10:06

Tgt Ion: 83 Resp: 195884

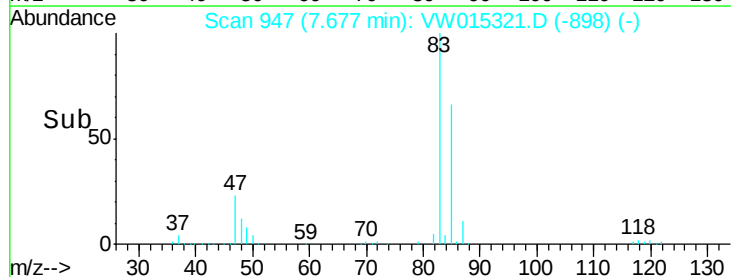
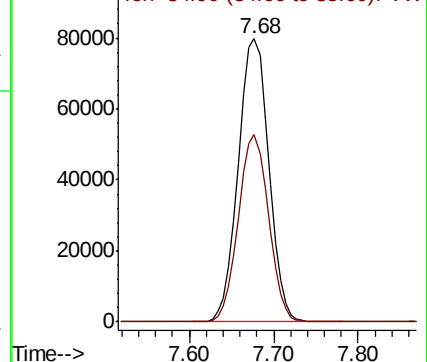
Ion Ratio Lower Upper

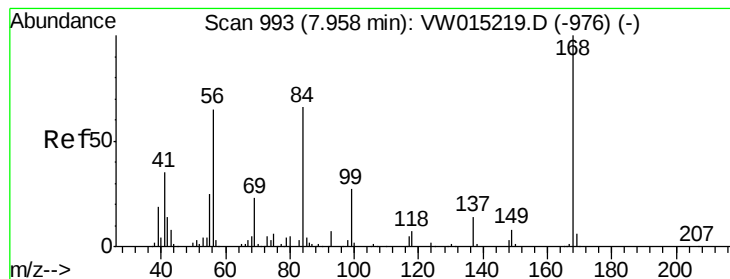
83 100

85 66.1 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: 44.083 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW015321.D

Acq: 23 Apr 2020 10:06

Instrument :

MSVOA_W

ClientSampled :

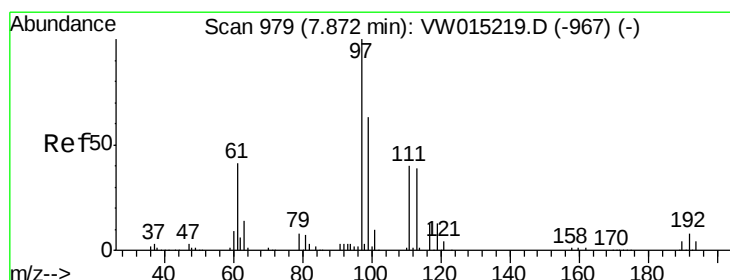
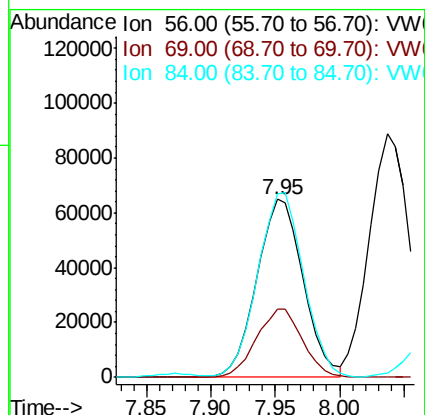
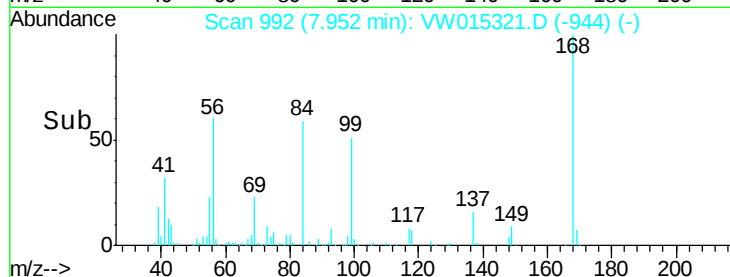
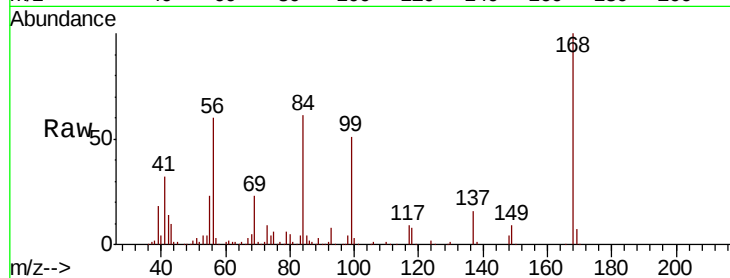
Tot Ion: 56 Resp: 162588

Ion Ratio Lower Upper

56 100

69 38.3 27.1 40.7

84 101.1 71.9 107.9



#32

1,1,1-Trichloroethane

Concen: 49.365 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW015321.D

Acq: 23 Apr 2020 10:06

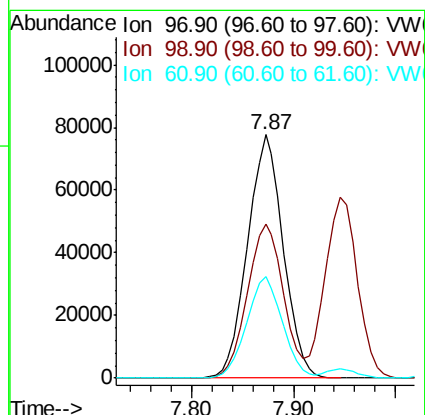
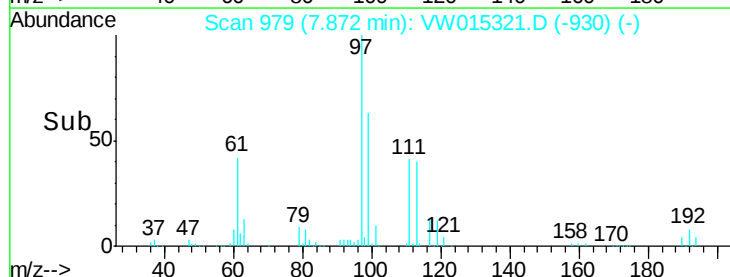
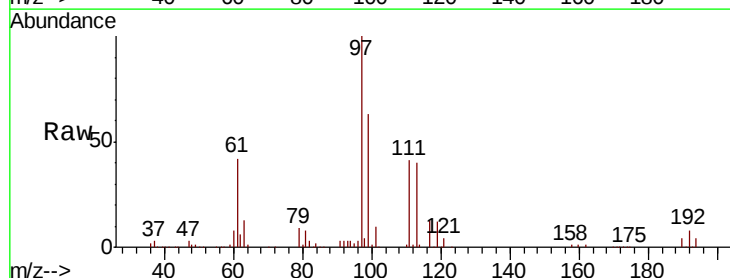
Tgt Ion: 97 Resp: 188669

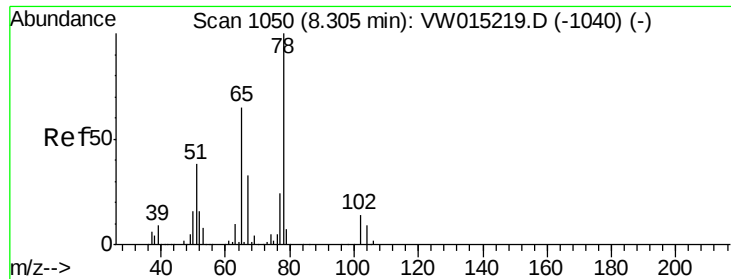
Ion Ratio Lower Upper

97 100

99 64.0 52.2 78.2

61 41.8 34.2 51.2

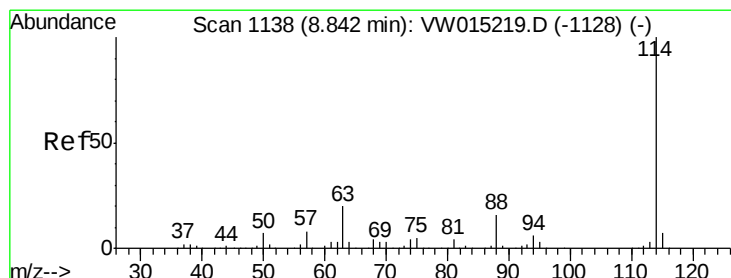
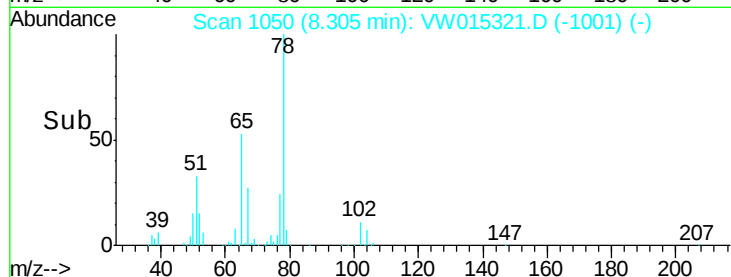
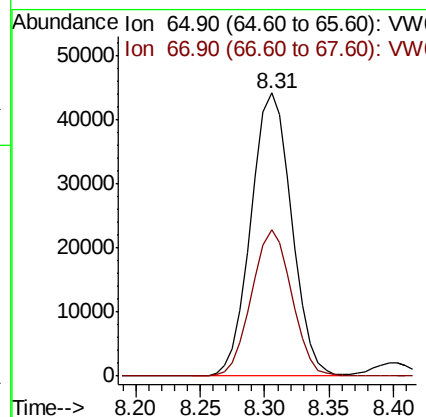
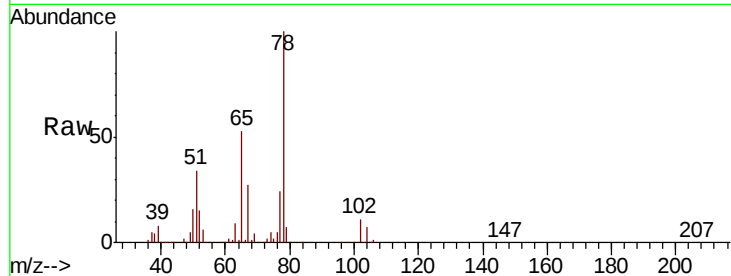




#33
 1,2-Dichloroethane-d4
 Concen: 48.565 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW015321.D
 Acq: 23 Apr 2020 10:06

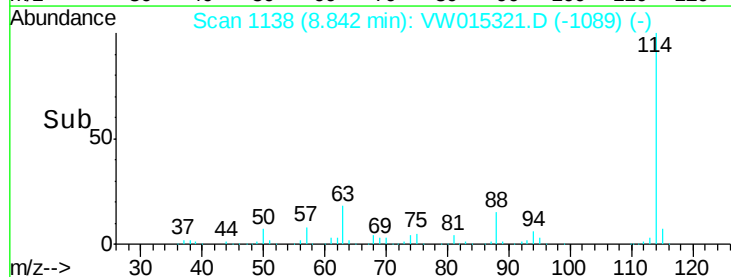
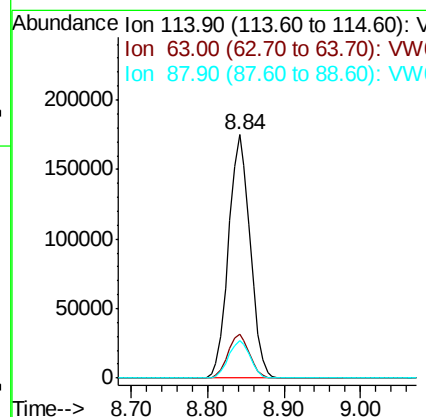
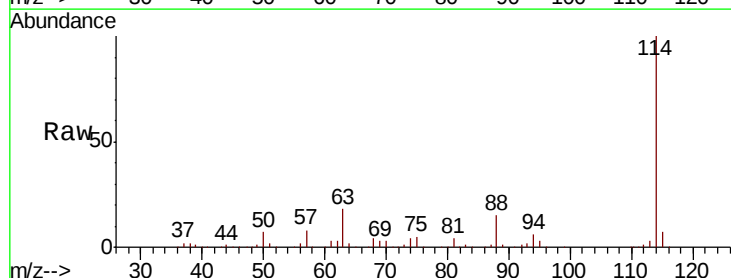
Instrument :
 MSVOA_W
 ClientSampleId :

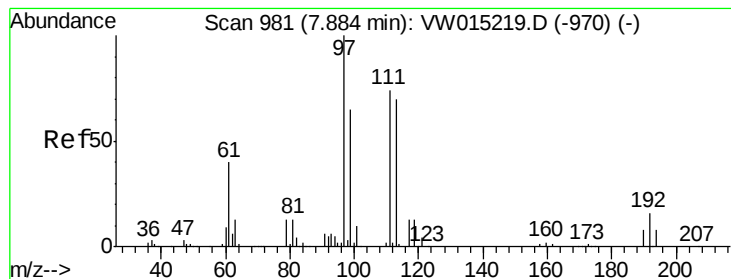
Tot Ion: 65 Resp: 96859
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW015321.D
 Acq: 23 Apr 2020 10:06

Tgt Ion: 114 Resp: 340758
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 39.8
 88 15.3 0.0 30.2





#35

Dibromofluoromethane

Concen: 52.343 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW015321.D

Acq: 23 Apr 2020 10:06

Instrument :

MSVOA_W

ClientSampled :

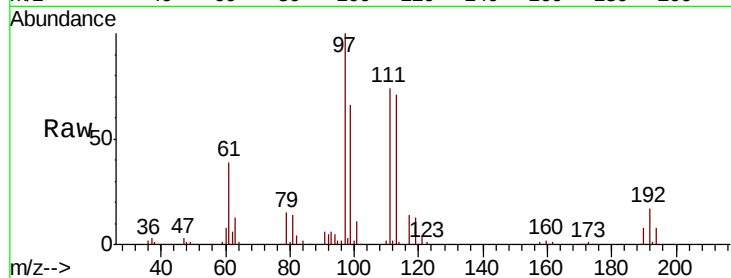
Tot Ion:113 Resp: 98798

Ion Ratio Lower Upper

113 100

111 101.9 83.0 124.4

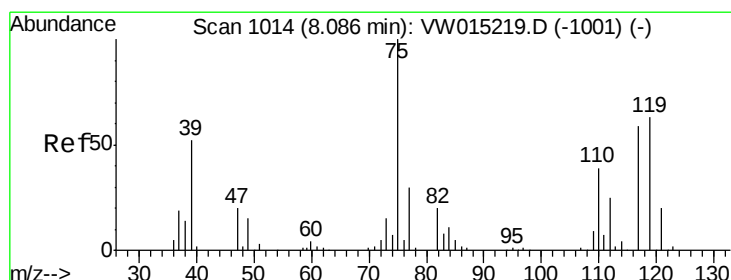
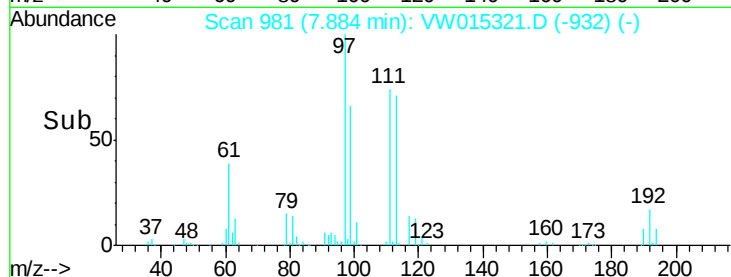
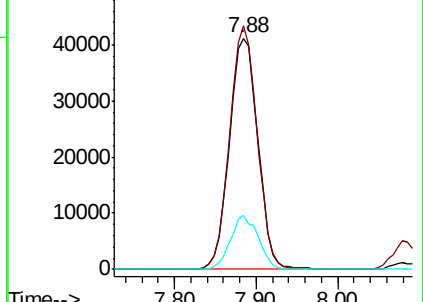
192 22.8 15.1 22.7#



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 49.844 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.01 min

Lab File: VW015321.D

Acq: 23 Apr 2020 10:06

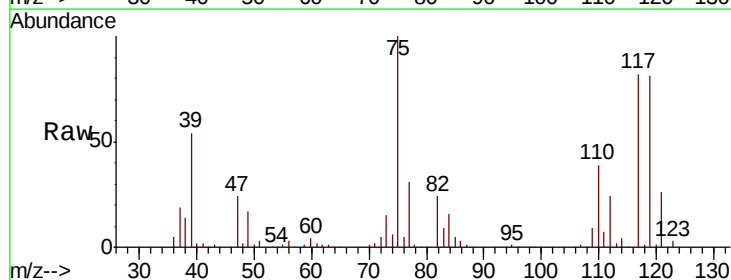
Tgt Ion: 75 Resp: 153298

Ion Ratio Lower Upper

75 100

110 38.4 18.2 54.6

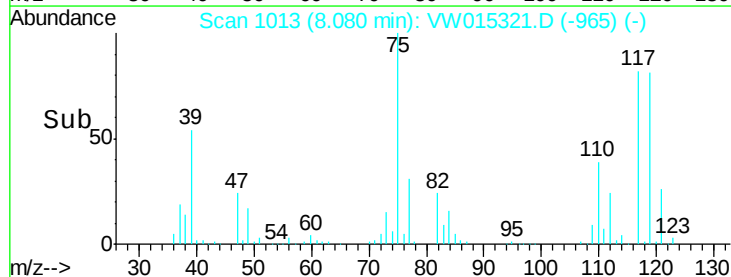
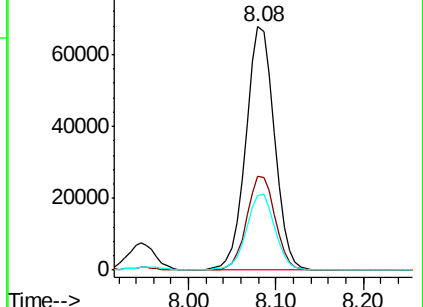
77 31.2 24.5 36.7

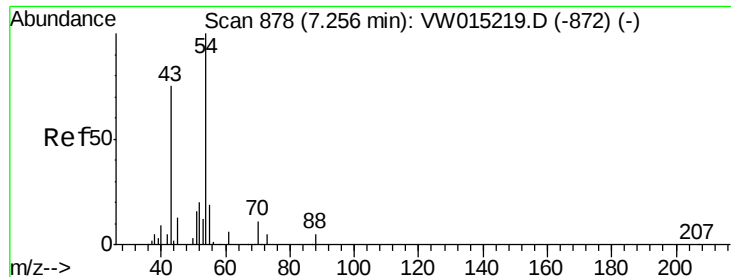


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#37

Ethyl Acetate

Concen: 45.031 ug/l

RT: 7.26 min Scan# 878

Delta R.T. 0.00 min

Lab File: VW015321.D

Acq: 23 Apr 2020 10:06

Instrument :

MSVOA_W

ClientSampled :

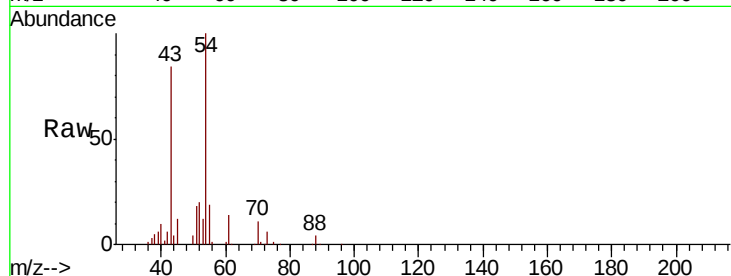
Tot Ion: 43 Resp: 44947

Ion Ratio Lower Upper

43 100

61 14.4 11.9 17.9

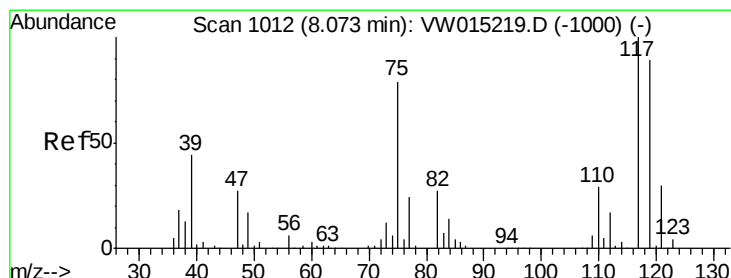
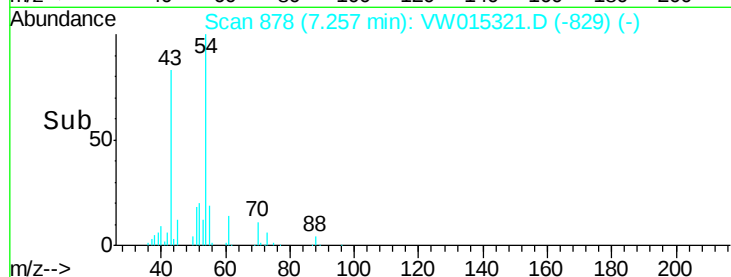
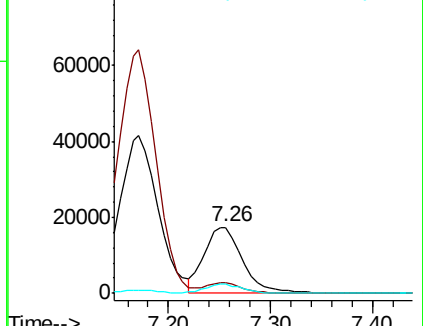
70 13.7 8.8 13.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 70.00 (69.70 to 70.70): VW



#38

Carbon Tetrachloride

Concen: 51.311 ug/l

RT: 8.07 min Scan# 1011

Delta R.T. -0.01 min

Lab File: VW015321.D

Acq: 23 Apr 2020 10:06

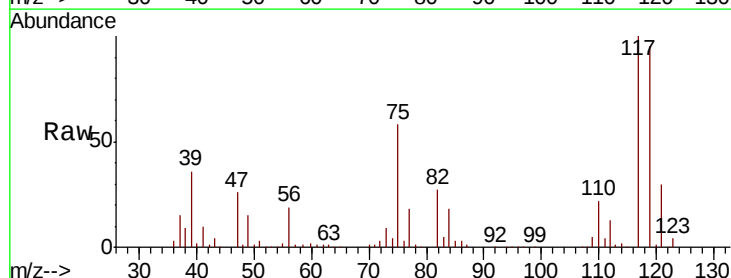
Tgt Ion: 117 Resp: 172455

Ion Ratio Lower Upper

117 100

119 95.4 72.3 108.5

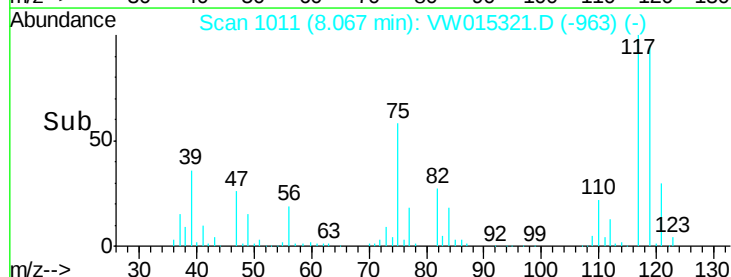
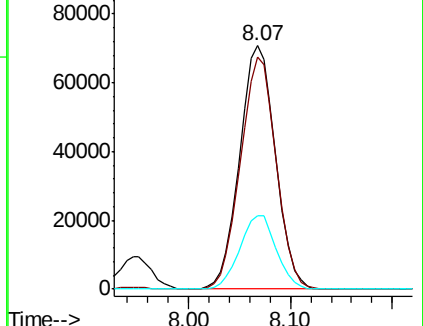
121 30.1 23.7 35.5

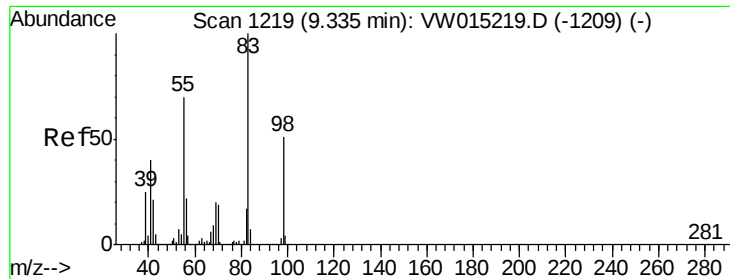


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

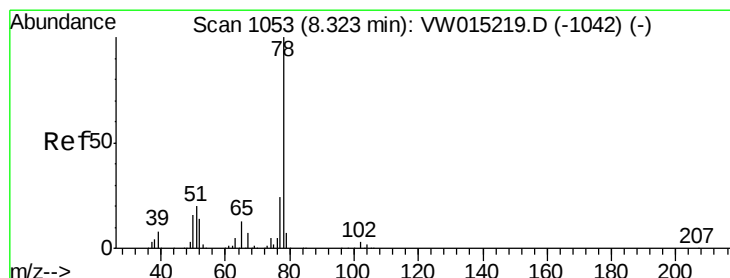
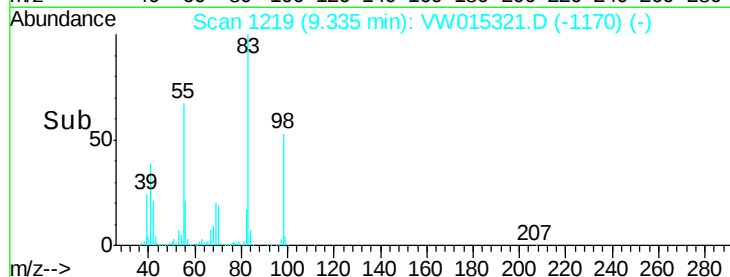
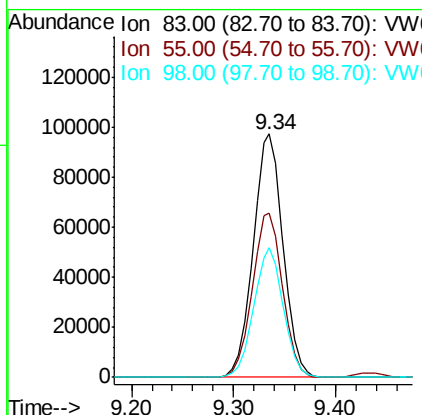
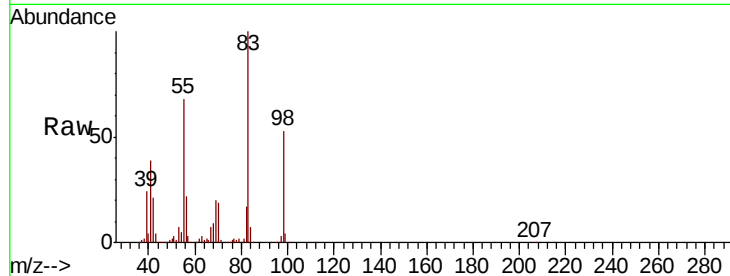




#39
Methvlcvclohexane
Concen: 48.331 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW015321.D
Acq: 23 Apr 2020 10:06

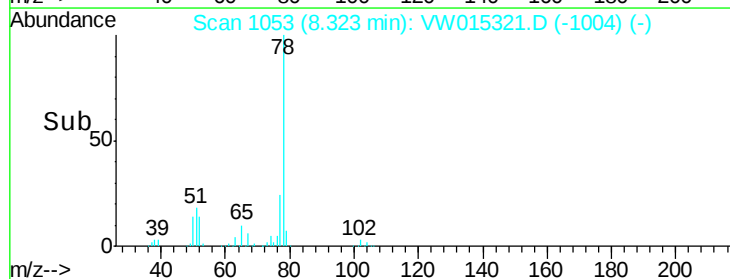
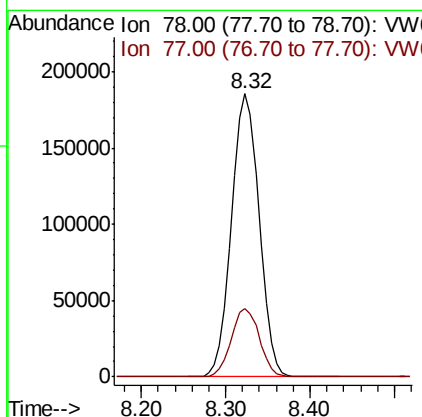
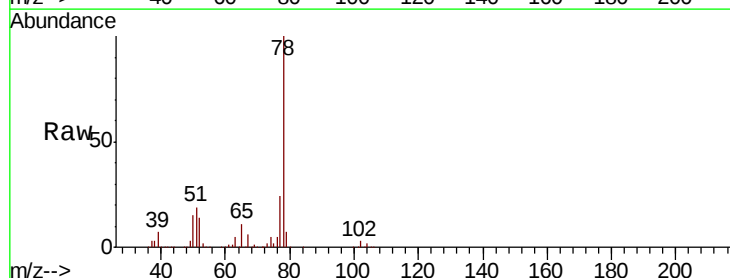
Instrument :
MSVOA_W
ClientSampleId :

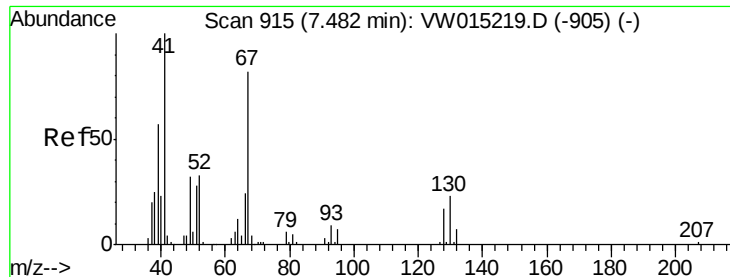
Tot Ion: 83 Resp: 197842
Ion Ratio Lower Upper
83 100
55 67.6 58.1 87.1
98 53.2 40.2 60.4



#40
Benzene
Concen: 50.063 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW015321.D
Acq: 23 Apr 2020 10:06

Tgt Ion: 78 Resp: 411296
Ion Ratio Lower Upper
78 100
77 24.0 18.2 27.2

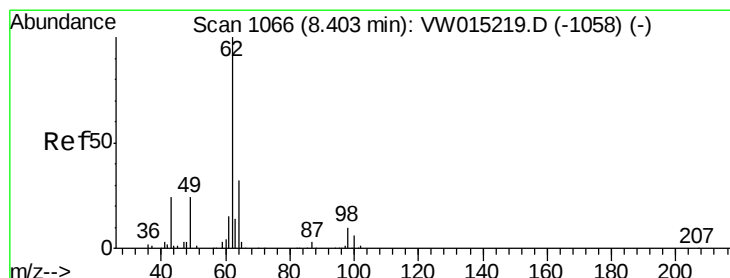
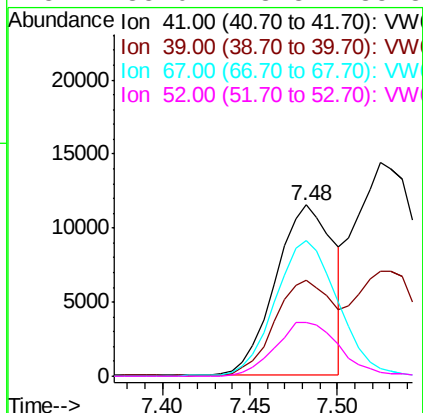
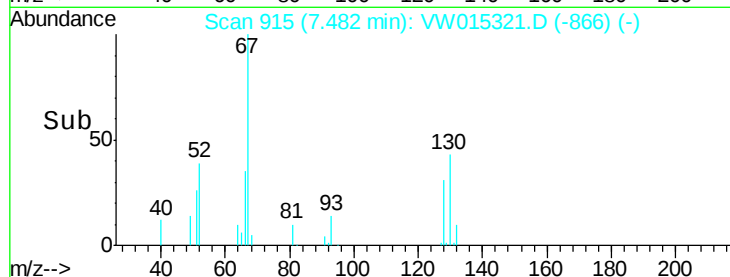
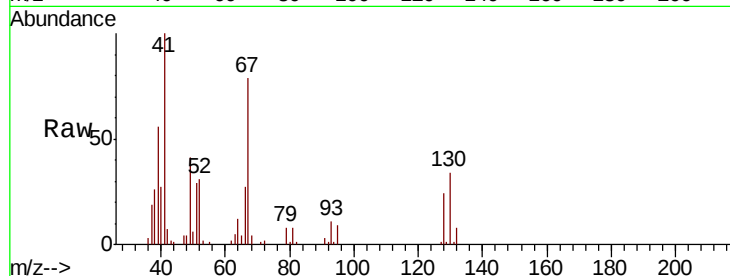




#41
Methacrylonitrile
Concen: 44.545 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW015321.D
Acq: 23 Apr 2020 10:06

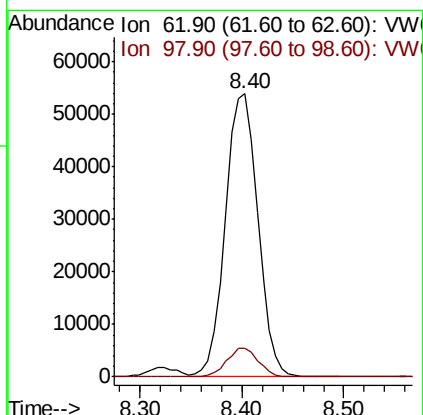
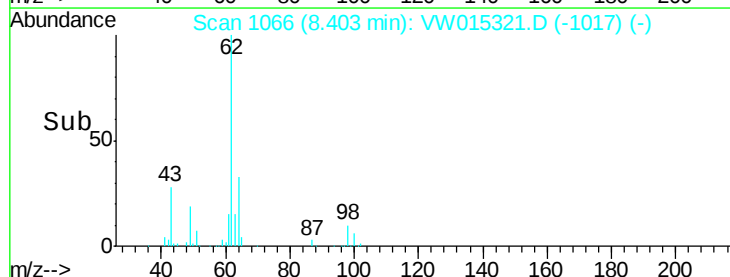
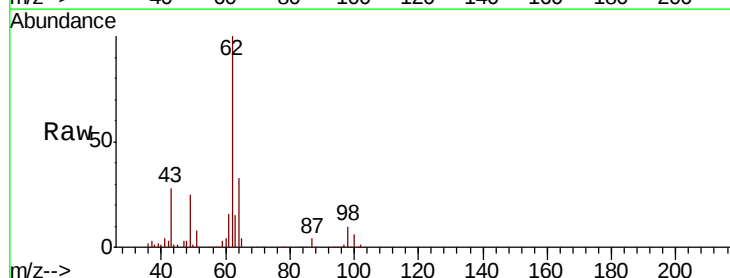
Instrument :
MSVOA_W
ClientSampleId :

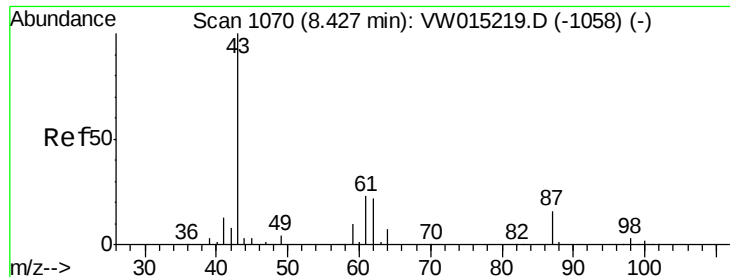
Tot Ion:	41	Resp:	26678
Ion	Ratio	Lower	Upper
41	100		
39	57.0	41.9	62.9
67	86.7	60.6	91.0
52	35.0	23.8	35.8



#42
1,2-Dichloroethane
Concen: 49.280 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW015321.D
Acq: 23 Apr 2020 10:06

Tgt Ion:	62	Resp:	119186
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.4





#43

Isopropyl Acetate

Concen: 45.201 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW015321.D

Acq: 23 Apr 2020 10:06

Instrument :

MSVOA_W

ClientSampleId :

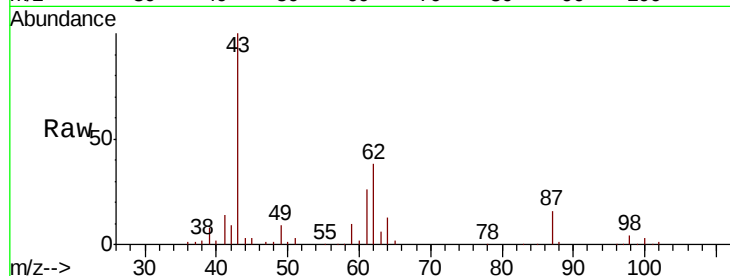
Tot Ion: 43 Resp: 94626

Ion Ratio Lower Upper

43 100

61 35.1 24.8 37.2

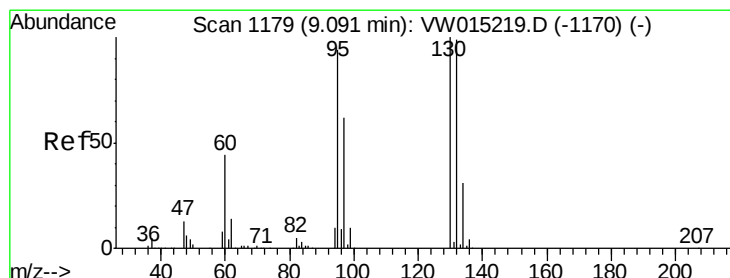
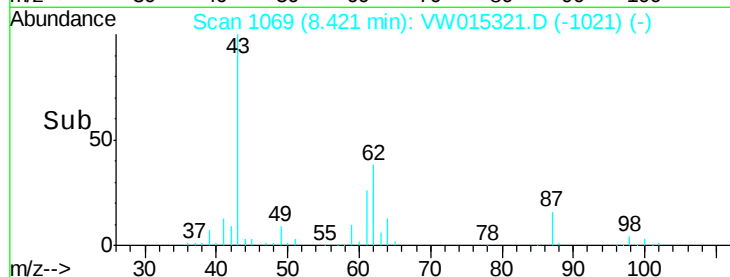
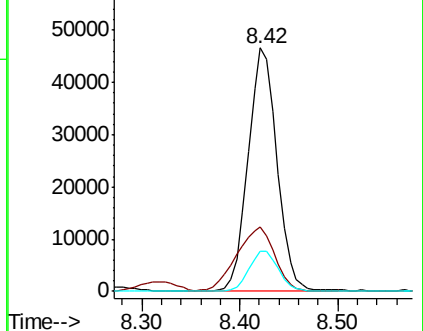
87 16.9 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 51.453 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW015321.D

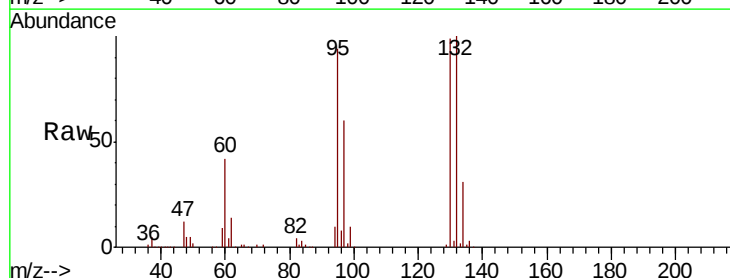
Acq: 23 Apr 2020 10:06

Tgt Ion:130 Resp: 129300

Ion Ratio Lower Upper

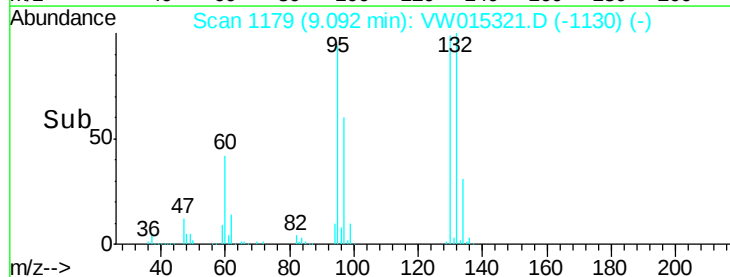
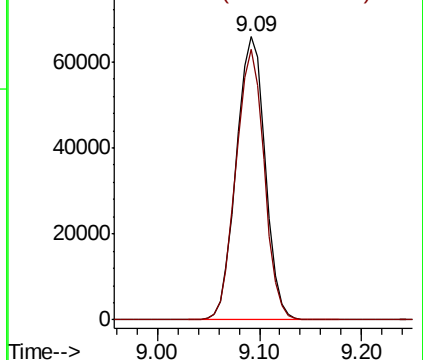
130 100

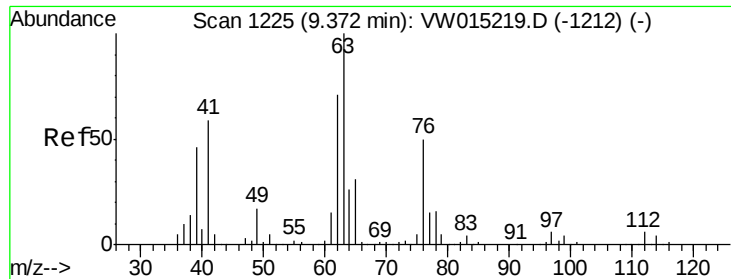
95 95.6 0.0 196.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

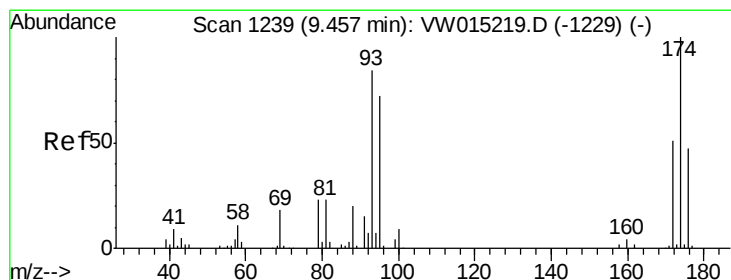
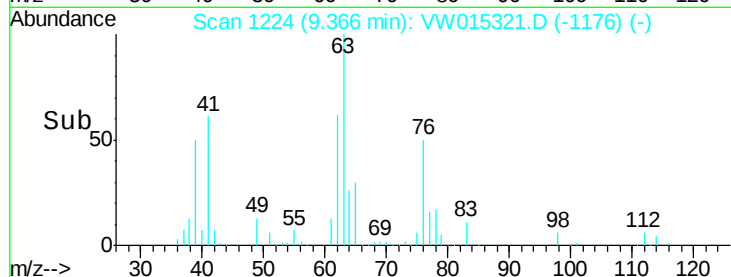
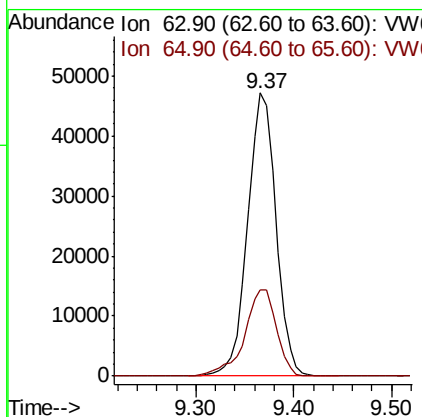
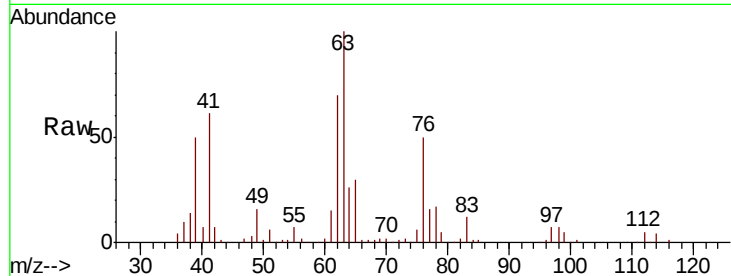




#45
 1,2-Dichloropropane
 Concen: 49.718 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: VW015321.D
 Acq: 23 Apr 2020 10:06

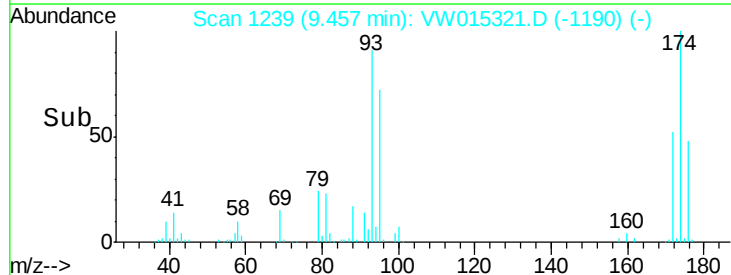
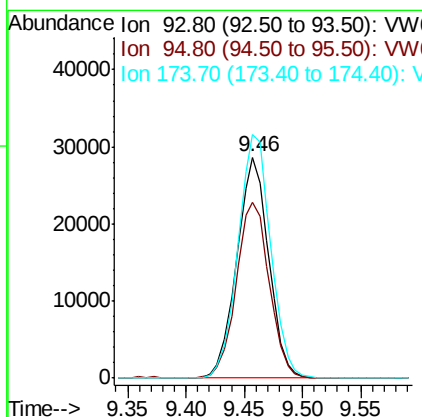
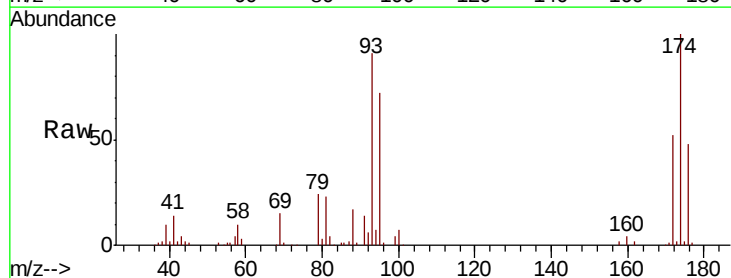
Instrument :
 MSVOA_W
 ClientSampled :

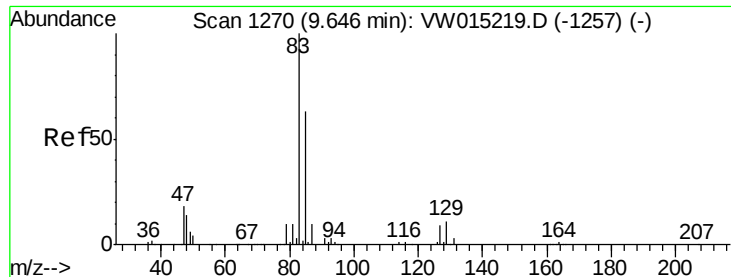
Tot Ion: 63 Resp: 94988
 Ion Ratio Lower Upper
 63 100
 65 30.4 25.5 38.3



#46
 Dibromomethane
 Concen: 49.521 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW015321.D
 Acq: 23 Apr 2020 10:06

Tgt Ion: 93 Resp: 54729
 Ion Ratio Lower Upper
 93 100
 95 82.2 67.5 101.3
 174 113.2 74.1 111.1#





#47

Bromodichloromethane

Concen: 50.104 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW015321.D

Acq: 23 Apr 2020 10:06

Instrument :

MSVOA_W

ClientSampled :

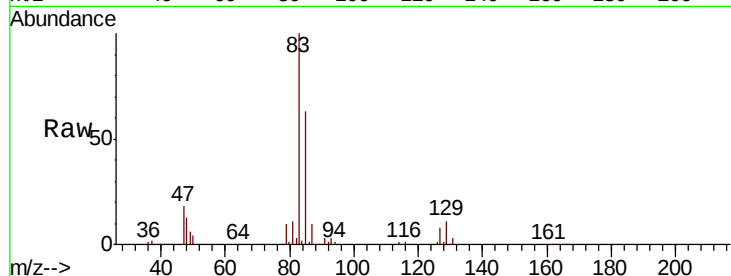
Tot Ion: 83 Resp: 148027

Ion Ratio Lower Upper

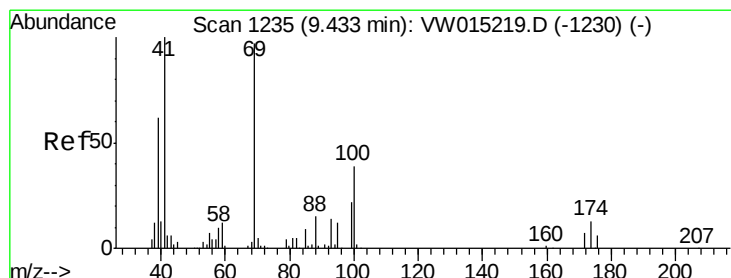
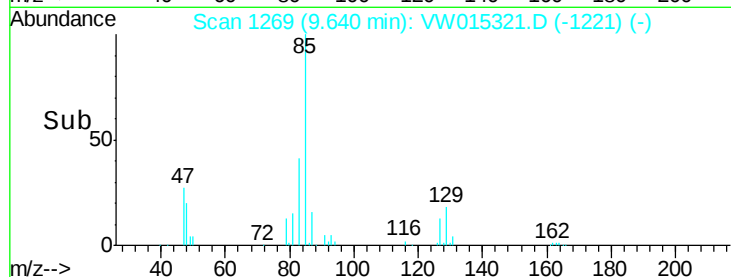
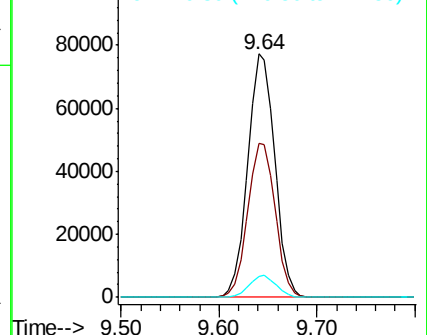
83 100

85 63.3 50.6 76.0

127 8.4 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: 44.262 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VW015321.D

Acq: 23 Apr 2020 10:06

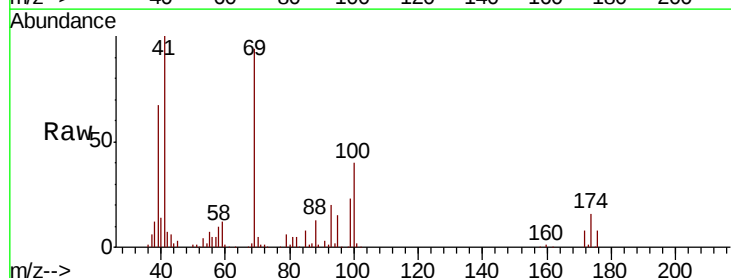
Tgt Ion: 41 Resp: 43803

Ion Ratio Lower Upper

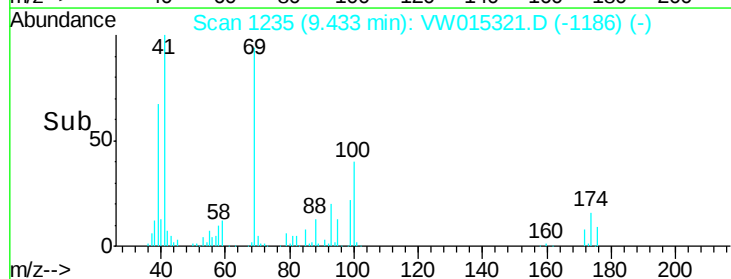
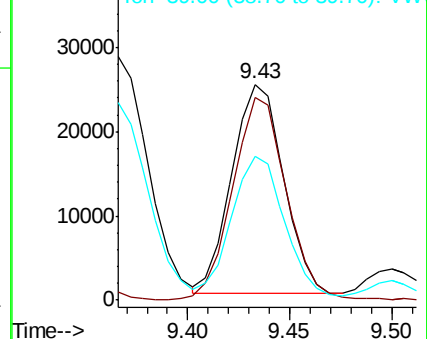
41 100

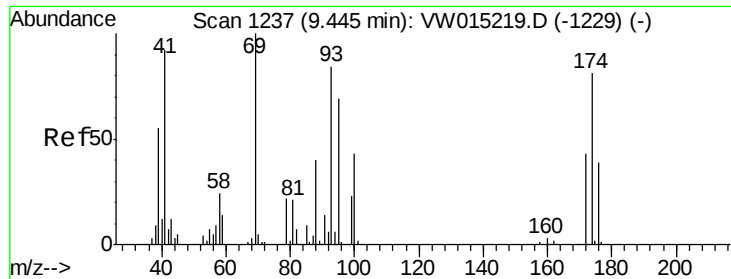
69 101.4 70.6 105.8

39 67.3 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: 927.697 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. 0.01 min

Lab File: VW015321.D

Acq: 23 Apr 2020 10:06

Instrument :
MSVOA_W
ClientSampleId :

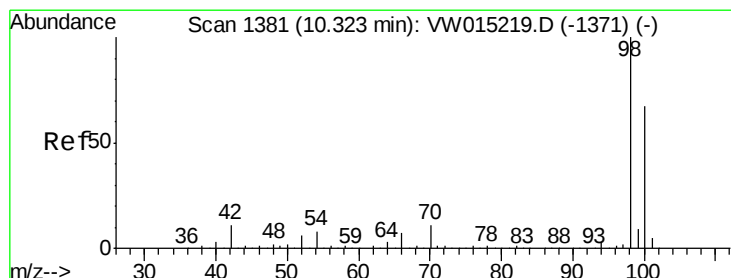
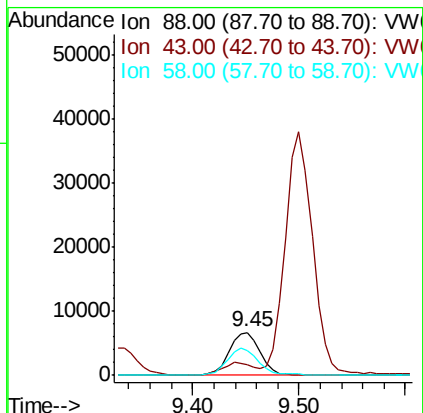
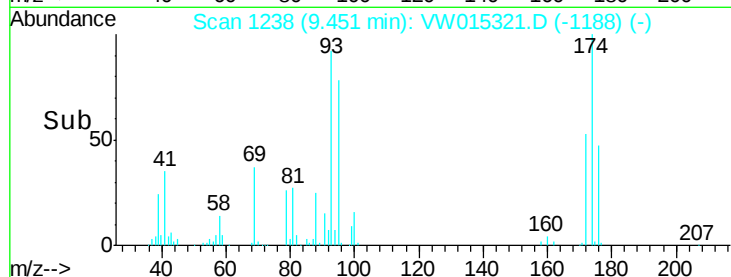
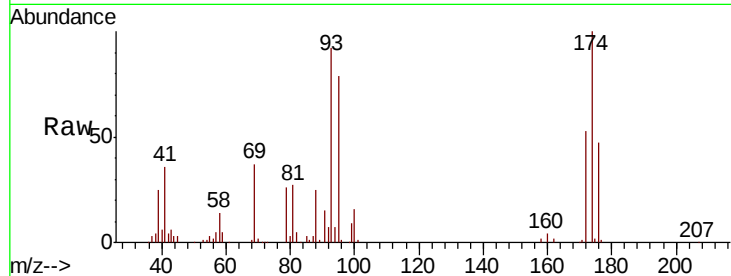
Tot Ion: 88 Resp: 13668

Ion Ratio Lower Upper

88 100

43 29.6 23.5 35.3

58 65.2 55.4 83.2



#50

Toluene-d8

Concen: 50.855 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW015321.D

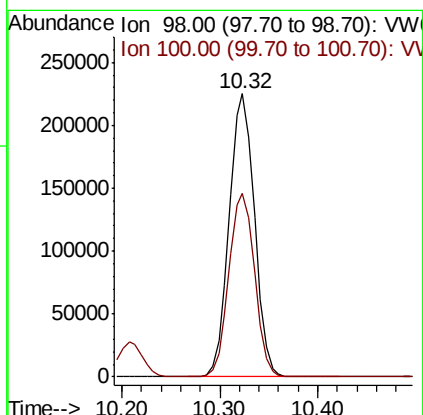
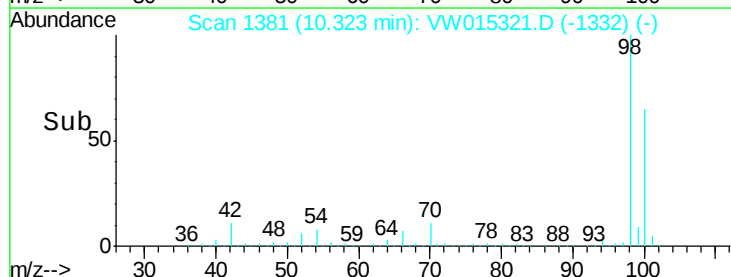
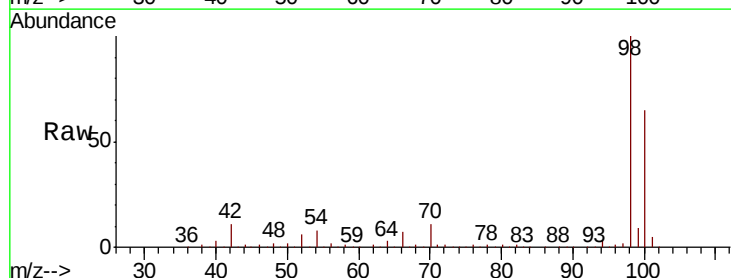
Acq: 23 Apr 2020 10:06

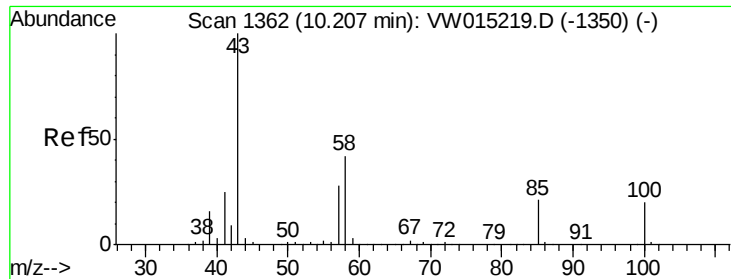
Tgt Ion: 98 Resp: 403804

Ion Ratio Lower Upper

98 100

100 65.9 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 226.128 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW015321.D

Acq: 23 Apr 2020 10:06

Instrument :

MSVOA_W

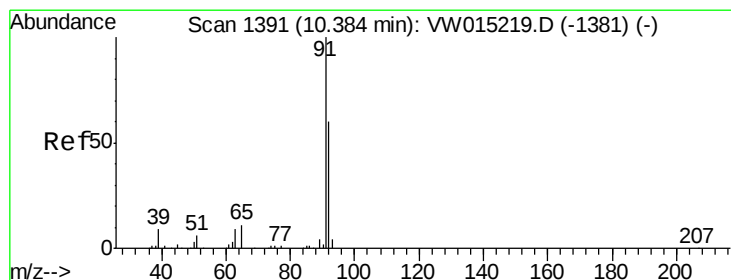
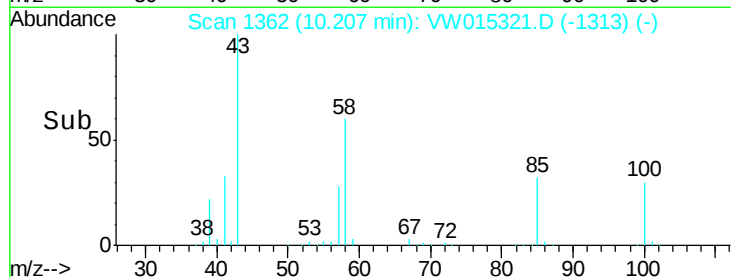
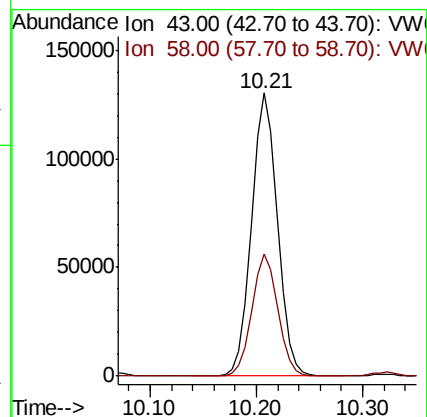
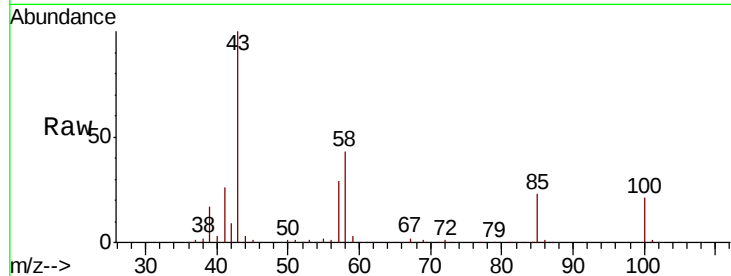
ClientSampleId :

Tot Ion: 43 Resp: 222221

Ion Ratio Lower Upper

43 100

58 43.2 32.3 48.5



#52

Toluene

Concen: 50.548 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW015321.D

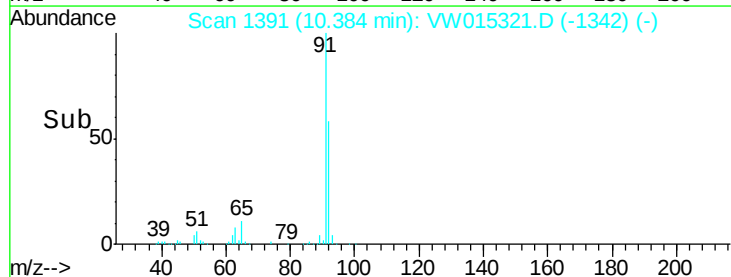
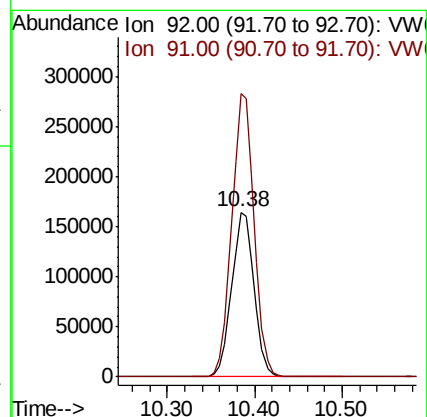
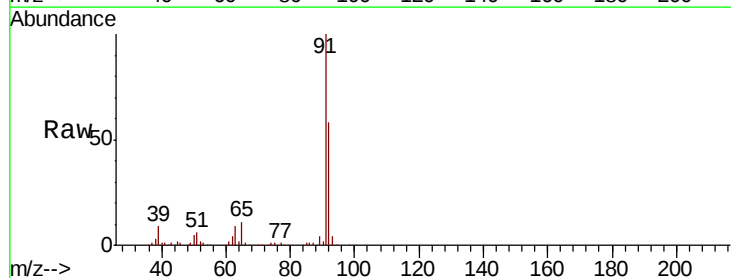
Acq: 23 Apr 2020 10:06

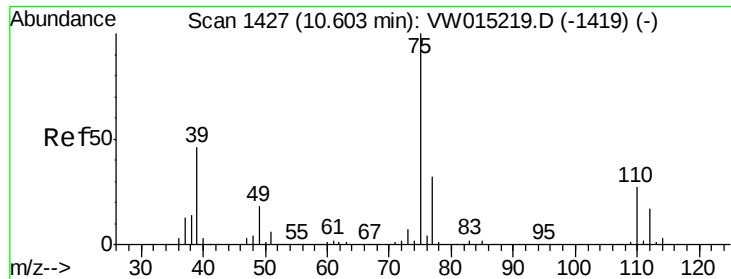
Tgt Ion: 92 Resp: 290637

Ion Ratio Lower Upper

92 100

91 172.1 137.1 205.7

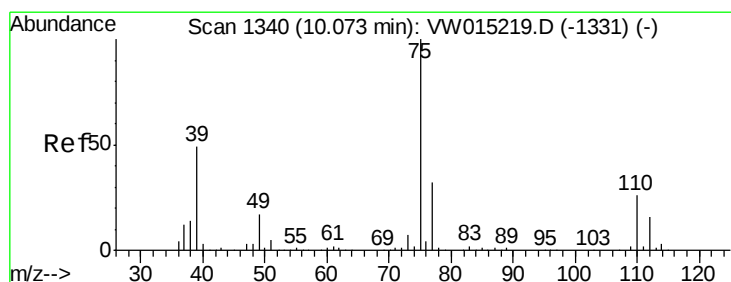
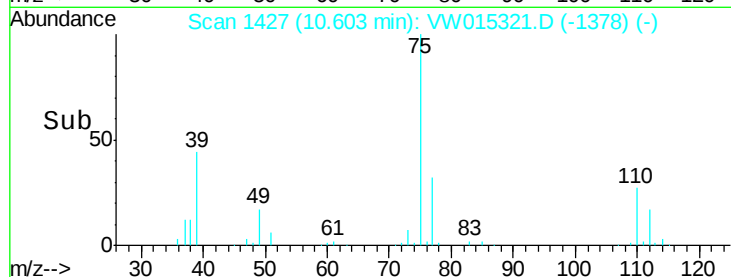
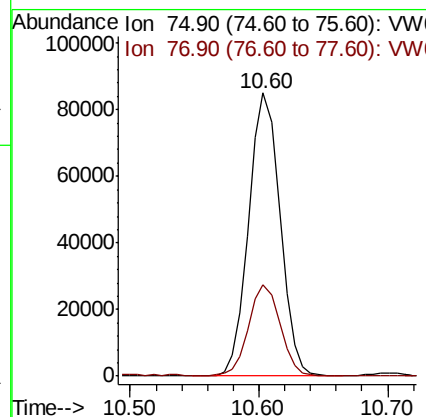
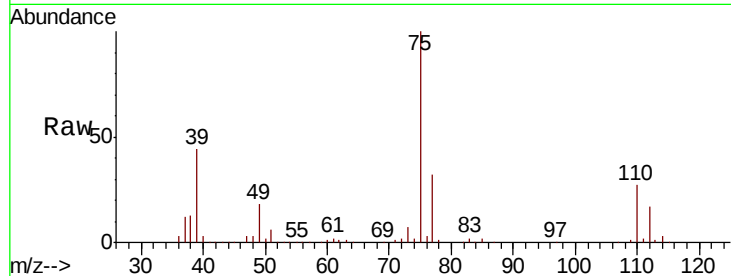




#53
t-1,3-Dichloropropene
Concen: 49.196 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. 0.00 min
Lab File: VW015321.D
Acq: 23 Apr 2020 10:06

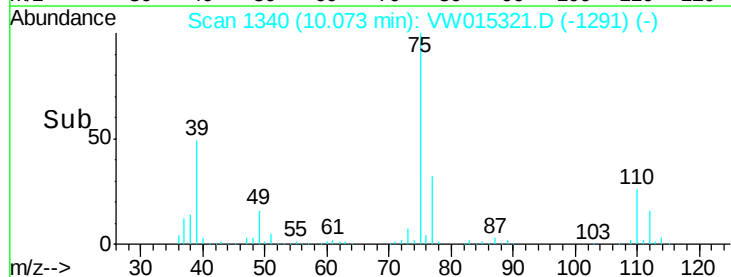
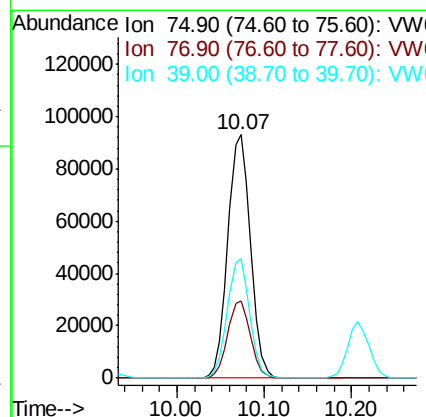
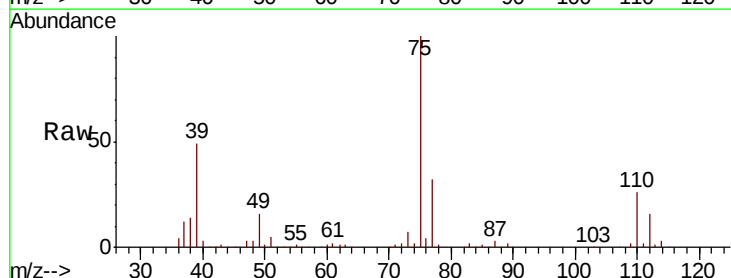
Instrument :
MSVOA_W
ClientSampleId :

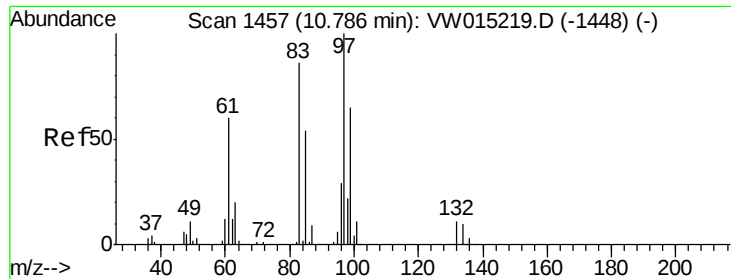
Tot Ion: 75 Resp: 143315
Ion Ratio Lower Upper
75 100
77 32.2 25.5 38.3



#54
cis-1,3-Dichloropropene
Concen: 49.579 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VW015321.D
Acq: 23 Apr 2020 10:06

Tgt Ion: 75 Resp: 167877
Ion Ratio Lower Upper
75 100
77 31.7 26.6 39.8
39 48.9 37.8 56.6

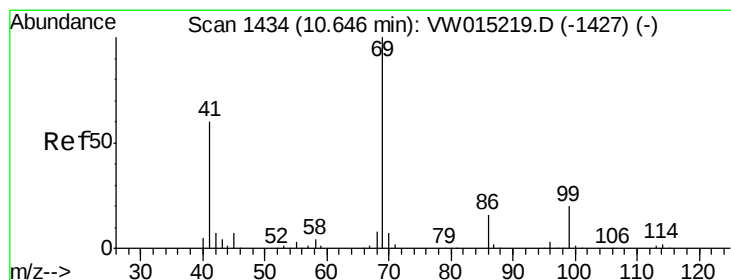
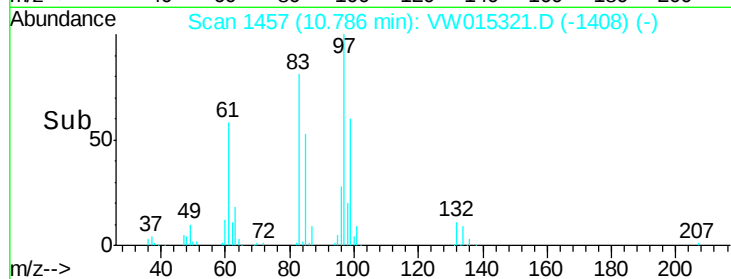
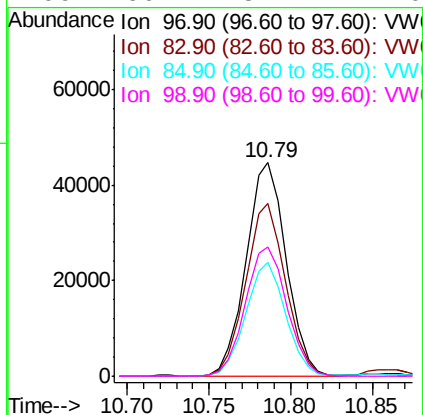
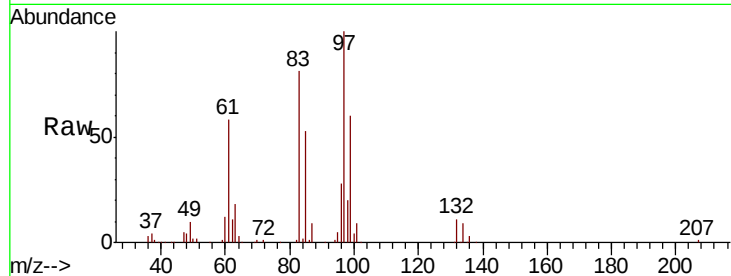




#55
 1,1,2-Trichloroethane
 Concen: 49.279 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW015321.D
 Acq: 23 Apr 2020 10:06

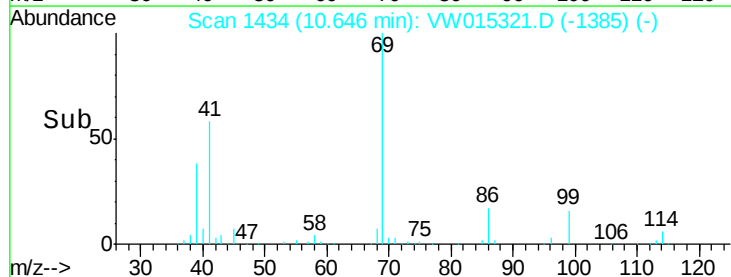
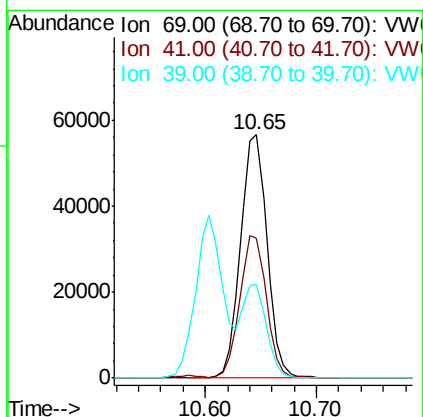
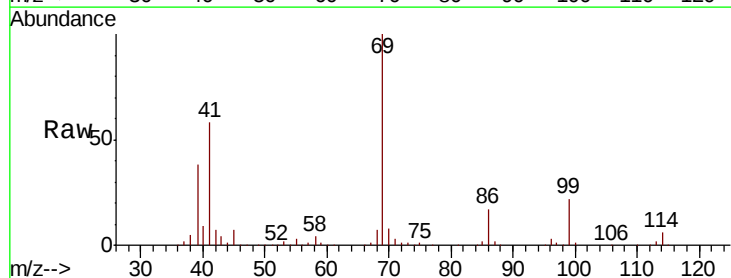
Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:	97	Resp:	76261
Ion	Ratio	Lower	Upper
97	100		
83	80.8	67.3	100.9
85	53.2	43.8	65.8
99	60.4	51.4	77.0



#56
 Ethyl methacrylate
 Concen: 47.113 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW015321.D
 Acq: 23 Apr 2020 10:06

Tgt Ion:	69	Resp:	93926
Ion	Ratio	Lower	Upper
69	100		
41	57.8	51.3	76.9
39	34.1	24.6	37.0

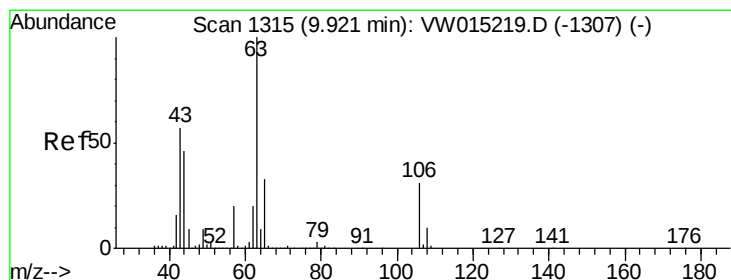
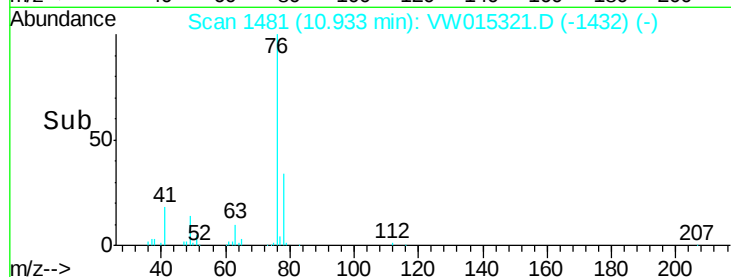
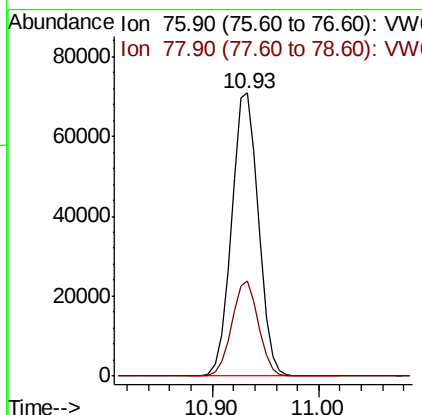
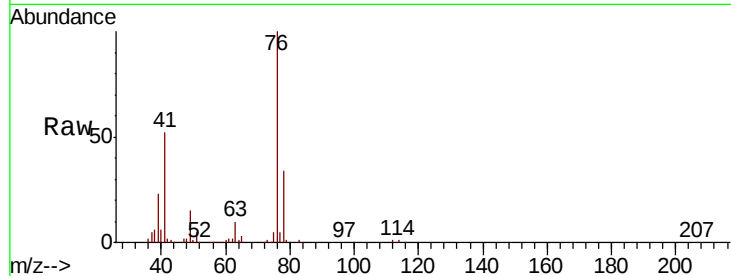




#57
 1,3-Dichloropropane
 Concen: 48.889 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW015321.D
 Acq: 23 Apr 2020 10:06

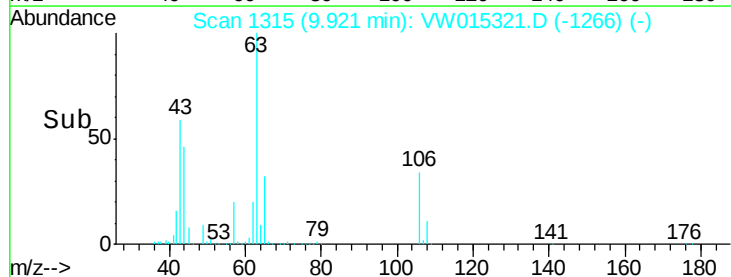
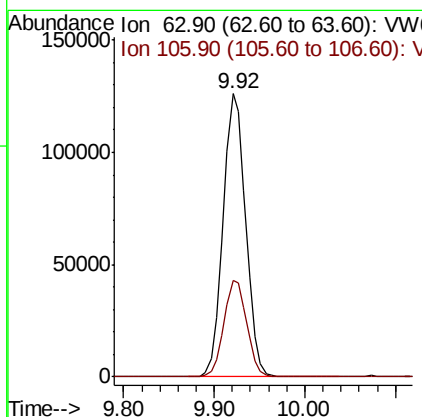
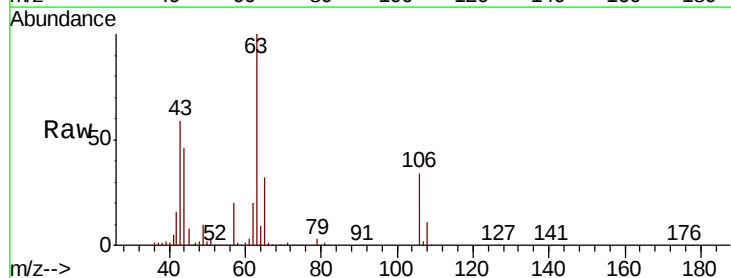
Instrument :
 MSVOA_W
 ClientSampleId :

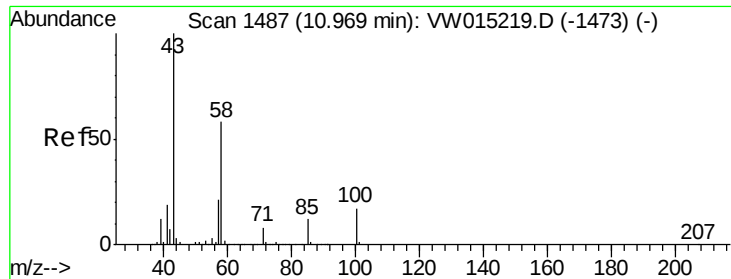
Tot Ion: 76 Resp: 125327
 Ion Ratio Lower Upper
 76 100
 78 33.3 26.2 39.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 236.118 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW015321.D
 Acq: 23 Apr 2020 10:06

Tgt Ion: 63 Resp: 218238
 Ion Ratio Lower Upper
 63 100
 106 34.4 22.6 33.8#

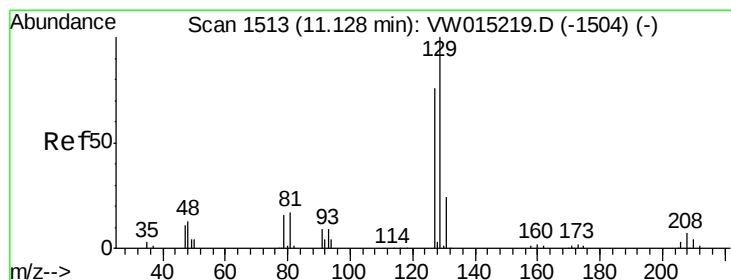
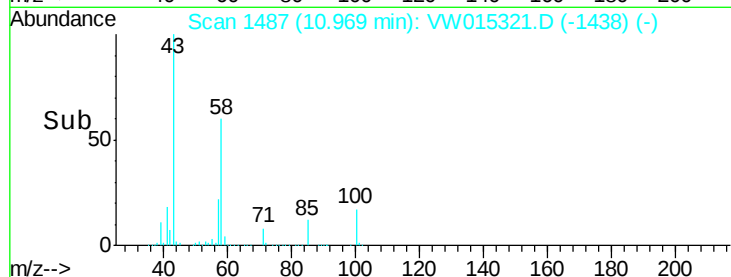
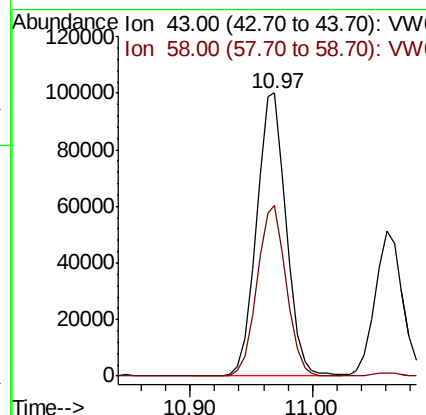
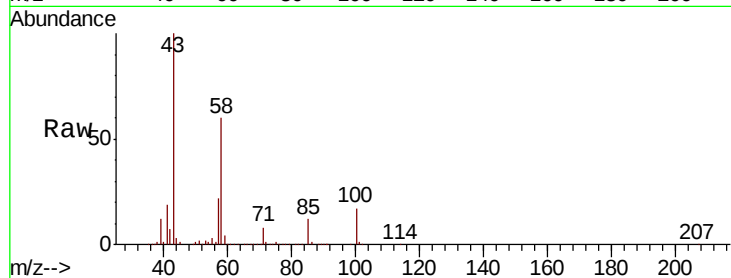




#59
2-Hexanone
Concen: 240.233 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW015321.D
Acq: 23 Apr 2020 10:06

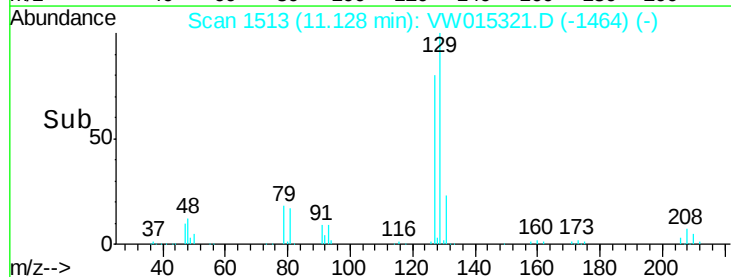
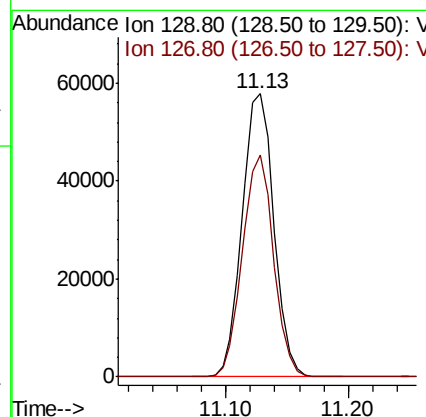
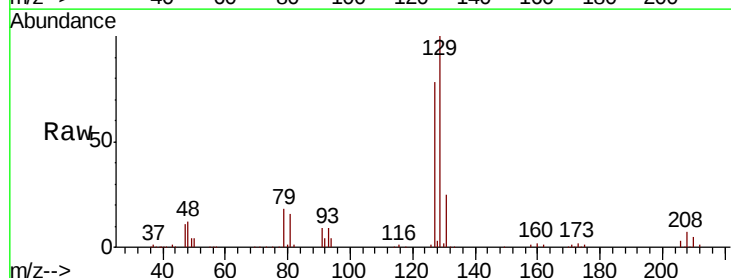
Instrument :
MSVOA_W
ClientSampleId :

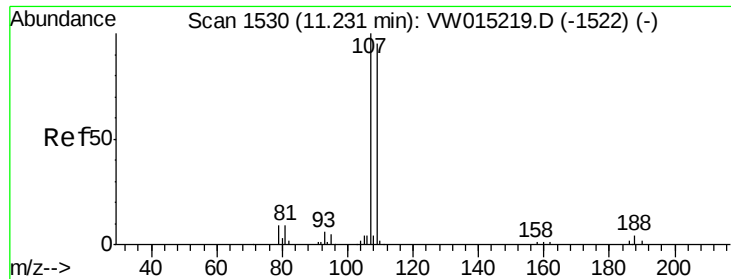
Tot Ion: 43 Resp: 168524
Ion Ratio Lower Upper
43 100
58 59.5 28.1 84.3



#60
Dibromochloromethane
Concen: 50.971 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW015321.D
Acq: 23 Apr 2020 10:06

Tgt Ion: 129 Resp: 104149
Ion Ratio Lower Upper
129 100
127 77.0 38.3 114.8

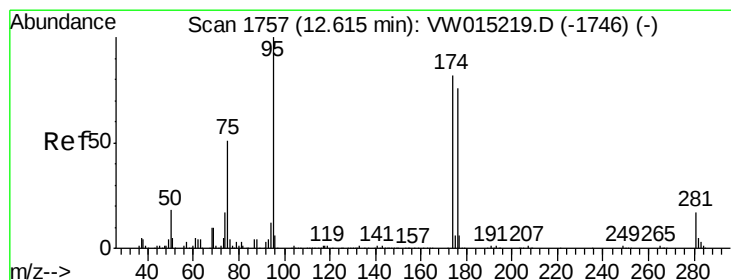
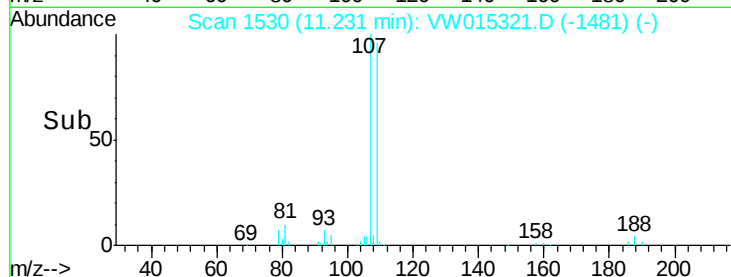
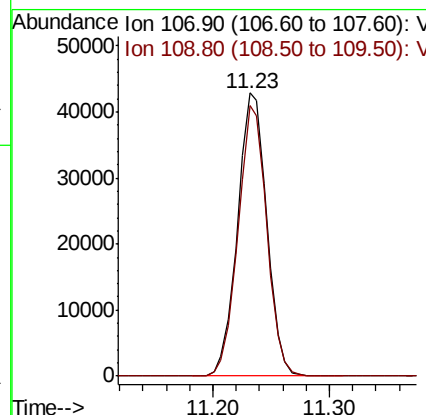
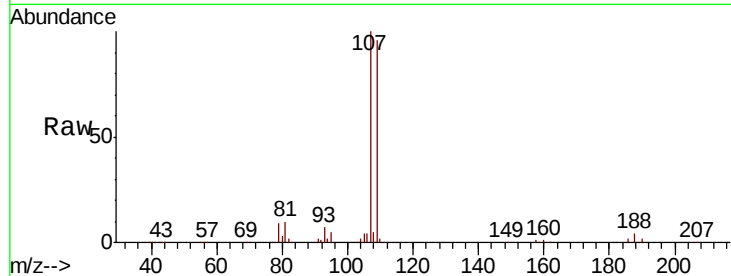




#61
 1,2-Dibromoethane
 Concen: 49.589 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VW015321.D
 Acq: 23 Apr 2020 10:06

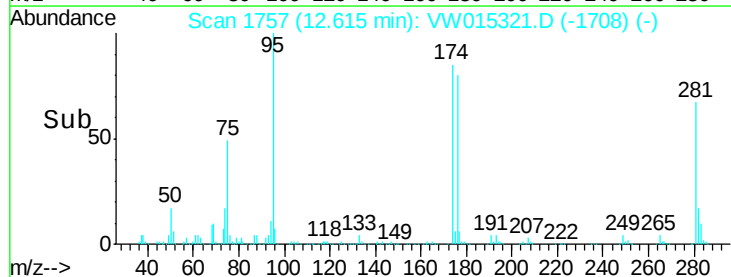
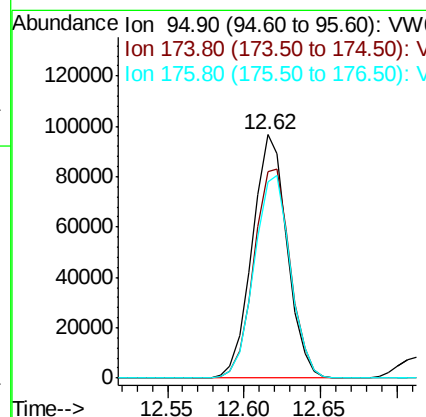
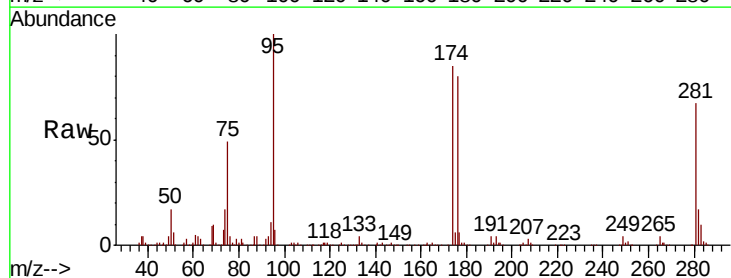
Instrument :
 MSVOA_W
 ClientSampleId :

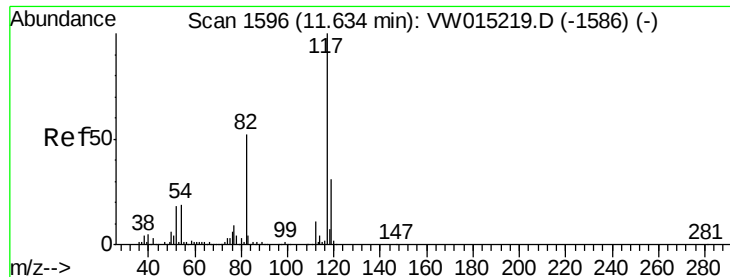
Tot Ion:107 Resp: 74881
 Ion Ratio Lower Upper
 107 100
 109 94.1 74.3 111.5



#62
 4-Bromofluorobenzene
 Concen: 50.641 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VW015321.D
 Acq: 23 Apr 2020 10:06

Tgt Ion: 95 Resp: 153422
 Ion Ratio Lower Upper
 95 100
 174 89.3 0.0 144.4
 176 86.3 0.0 140.6

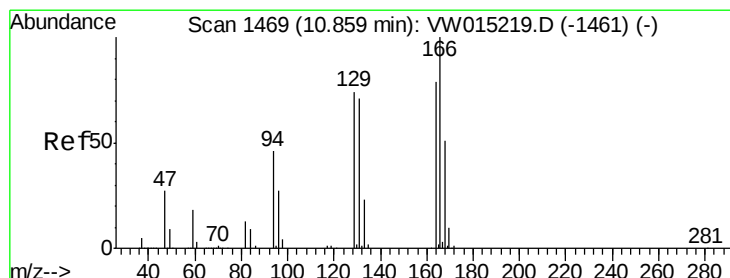
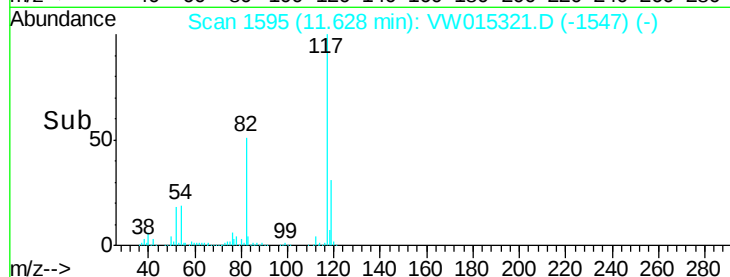
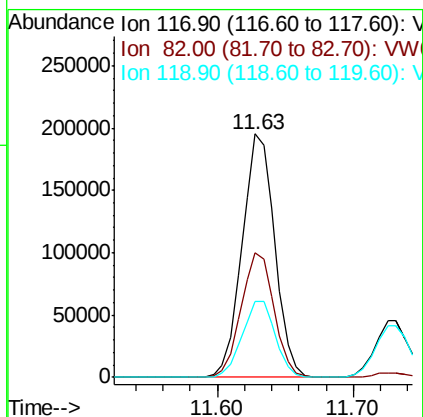
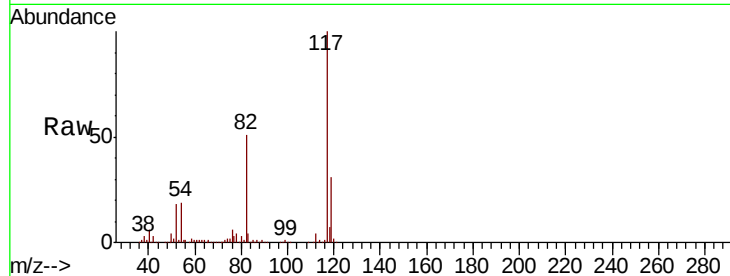




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW015321.D
Acq: 23 Apr 2020 10:06

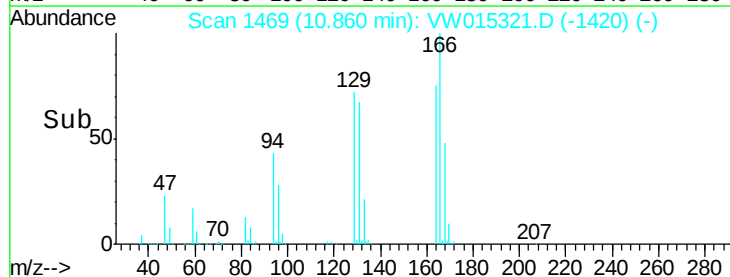
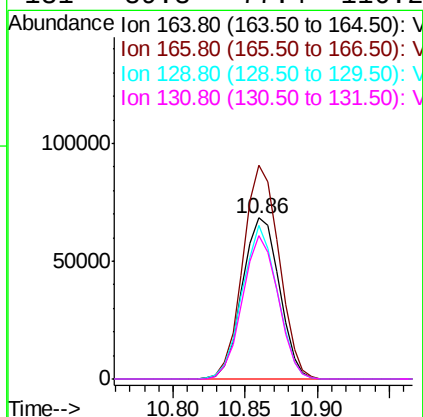
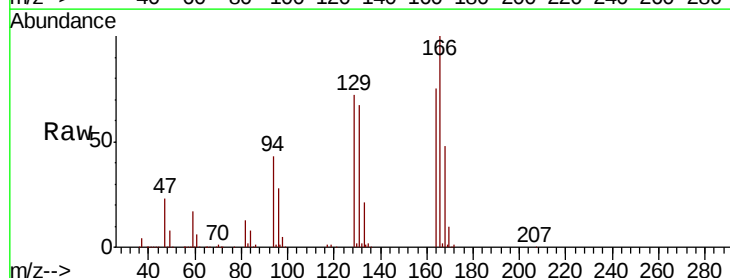
Instrument :
MSVOA_W
ClientSampled :

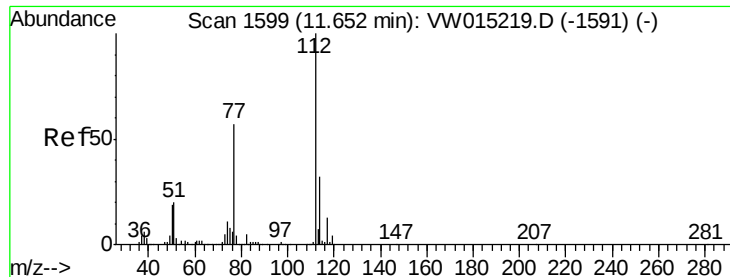
Tot Ion:117 Resp: 326403
Ion Ratio Lower Upper
117 100
82 50.9 44.1 66.1
119 31.0 24.9 37.3



#64
Tetrachloroethene
Concen: 52.269 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW015321.D
Acq: 23 Apr 2020 10:06

Tgt Ion:164 Resp: 121763
Ion Ratio Lower Upper
164 100
166 132.5 102.6 154.0
129 95.0 80.2 120.2
131 89.3 77.4 116.2

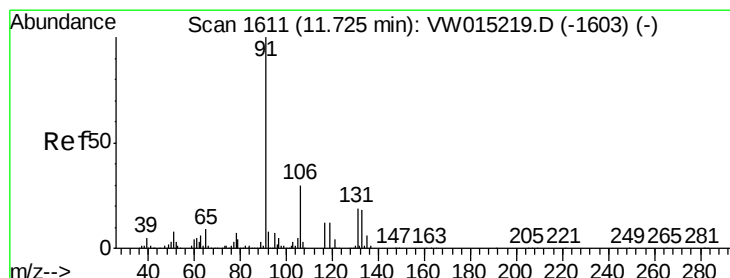
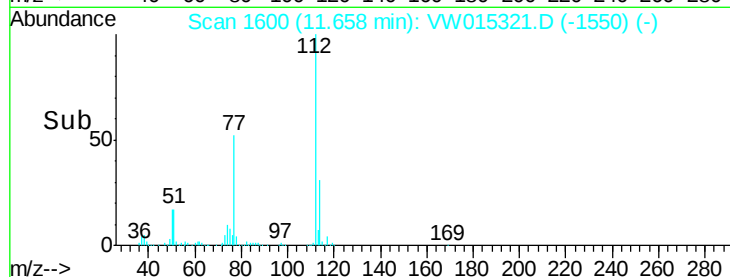
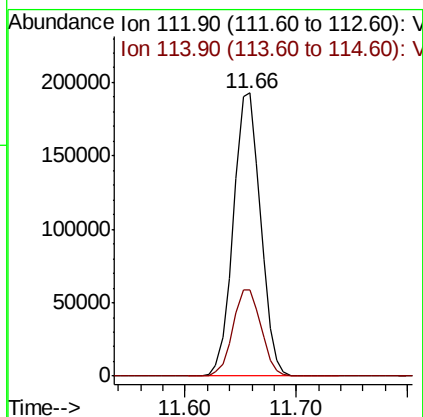
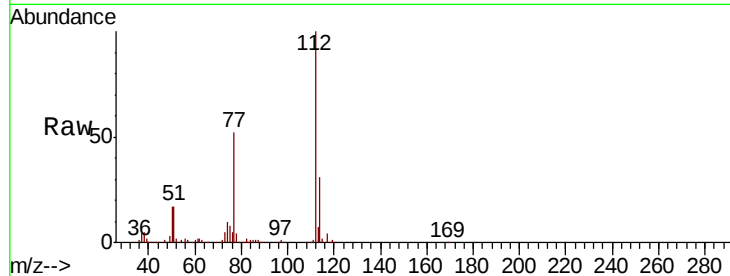




#65
Chlorobenzene
Concen: 51.010 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VW015321.D
Acq: 23 Apr 2020 10:06

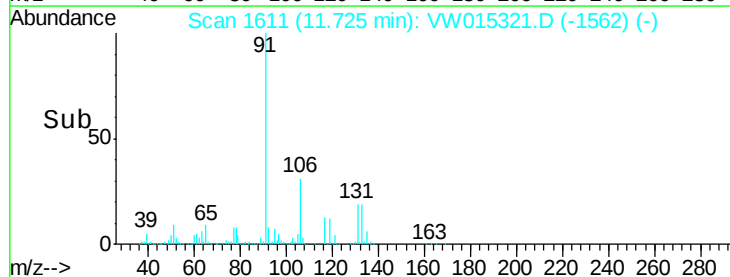
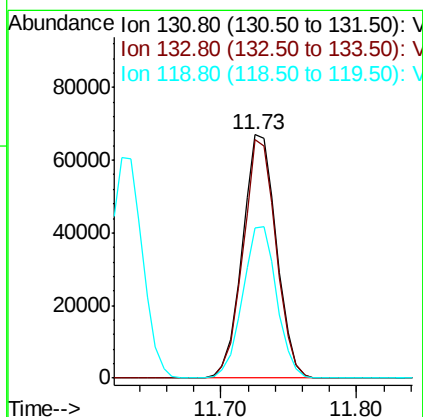
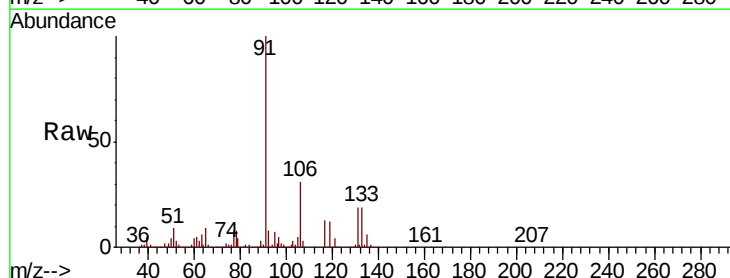
Instrument :
MSVOA_W
ClientSampleId :

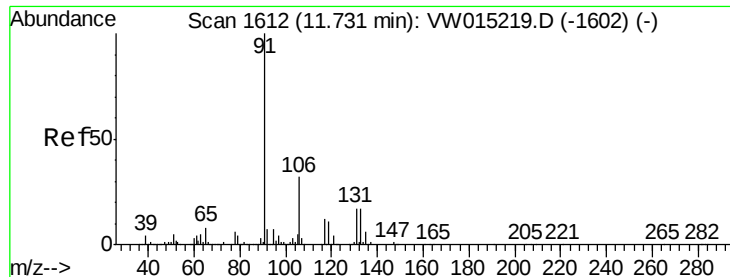
Tot Ion:112 Resp: 326718
Ion Ratio Lower Upper
112 100
114 30.7 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 50.865 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VW015321.D
Acq: 23 Apr 2020 10:06

Tgt Ion:131 Resp: 117092
Ion Ratio Lower Upper
131 100
133 95.5 47.7 143.1
119 62.4 34.0 101.8

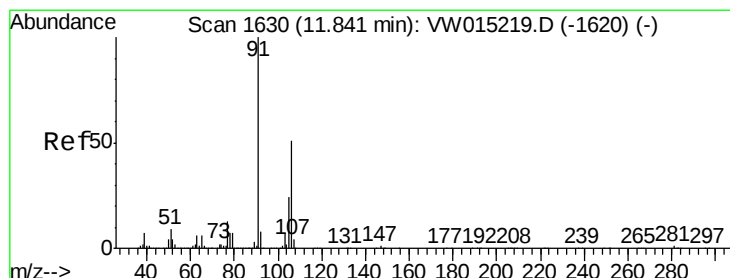
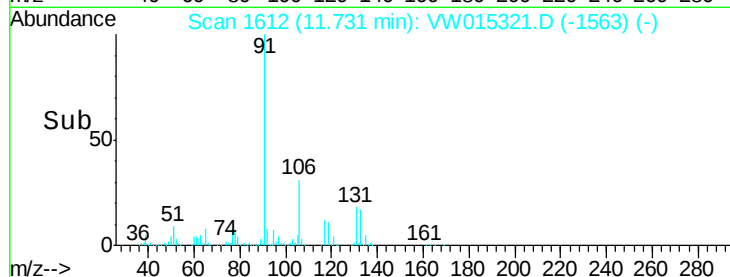
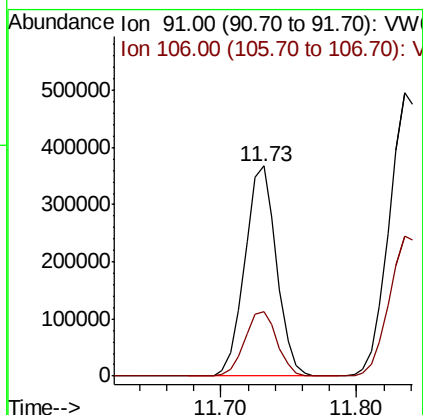
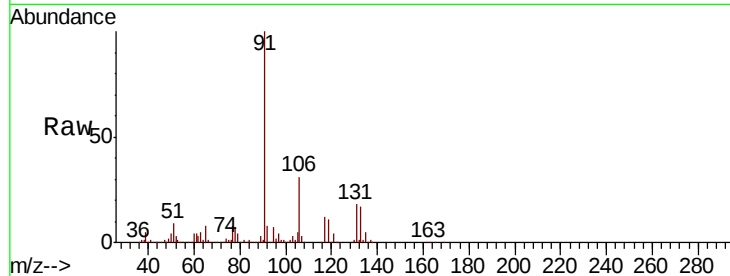




#67
Ethyl Benzene
Concen: 50.077 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015321.D
Acq: 23 Apr 2020 10:06

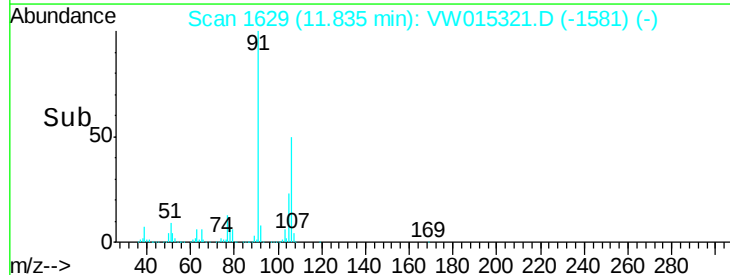
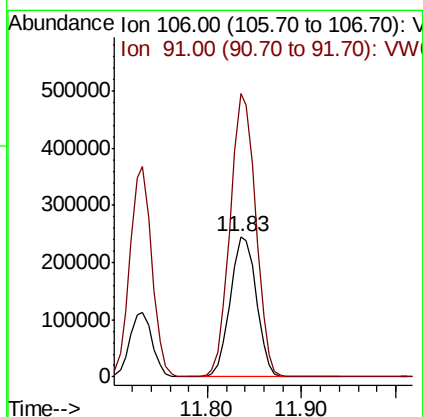
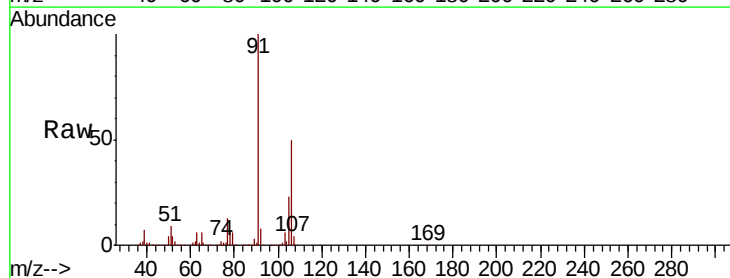
Instrument :
MSVOA_W
ClientSampleId :

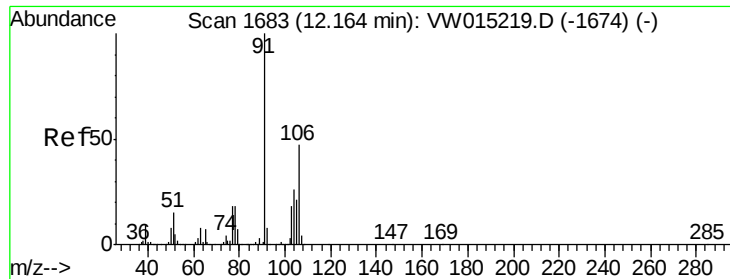
Tot Ion: 91 Resp: 598143
Ion Ratio Lower Upper
91 100
106 31.0 25.7 38.5



#68
m/p-Xylenes
Concen: 100.777 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW015321.D
Acq: 23 Apr 2020 10:06

Tgt Ion: 106 Resp: 471831
Ion Ratio Lower Upper
106 100
91 198.4 160.0 240.0

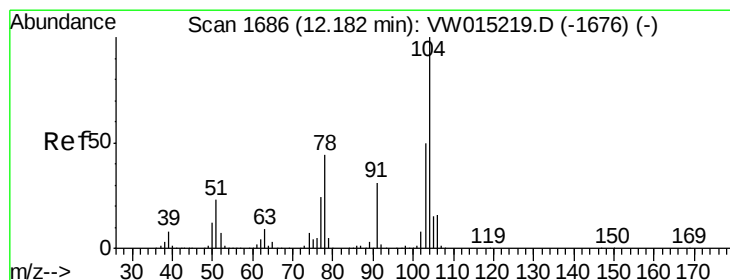
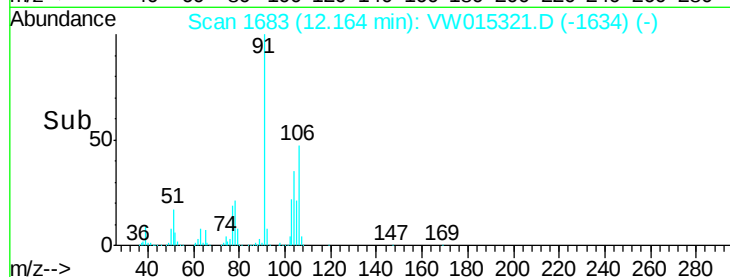
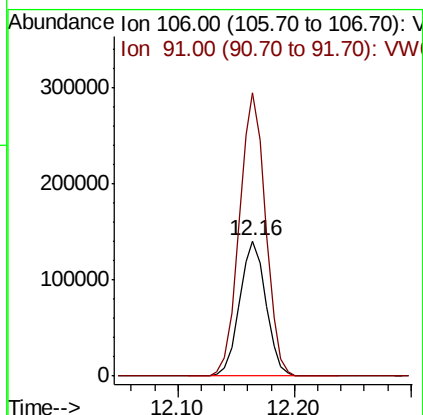
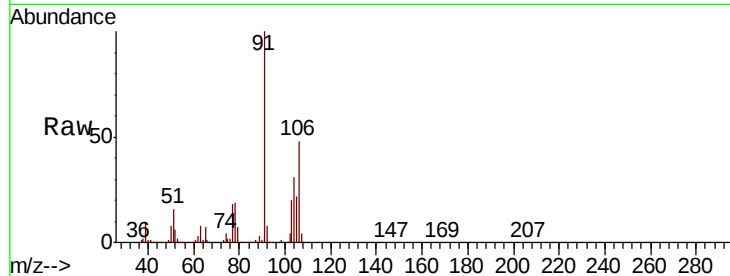




#69
o-Xylene
Concen: 50.816 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW015321.D
Acq: 23 Apr 2020 10:06

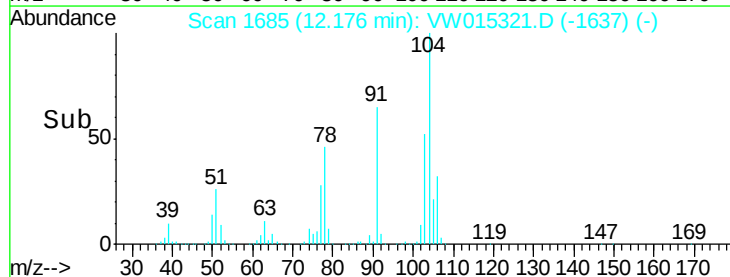
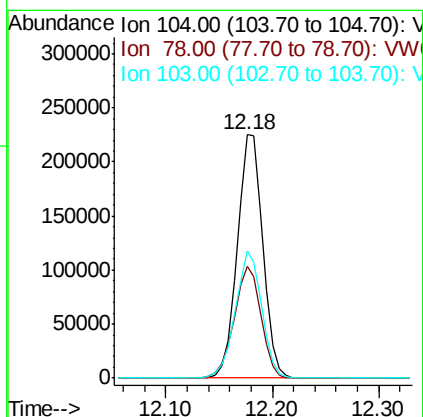
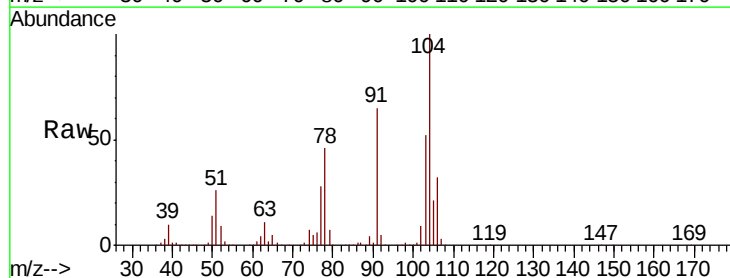
Instrument :
MSVOA_W
ClientSampleId :

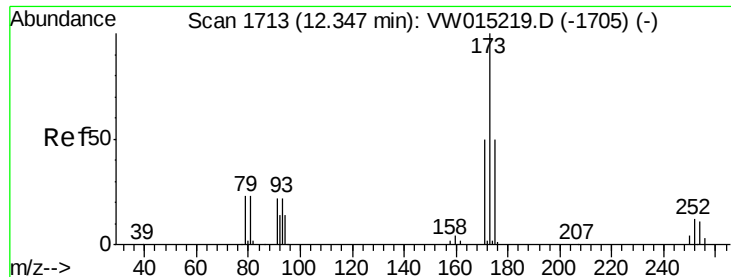
Tot Ion:106 Resp: 222071
Ion Ratio Lower Upper
106 100
91 208.1 105.7 317.1



#70
Styrene
Concen: 50.801 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VW015321.D
Acq: 23 Apr 2020 10:06

Tgt Ion:104 Resp: 378424
Ion Ratio Lower Upper
104 100
78 48.6 39.8 59.6
103 53.8 43.8 65.6





#71

Bromoform

Concen: 47.996 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW015321.D

Acq: 23 Apr 2020 10:06

Instrument :

MSVOA_W

ClientSampled :

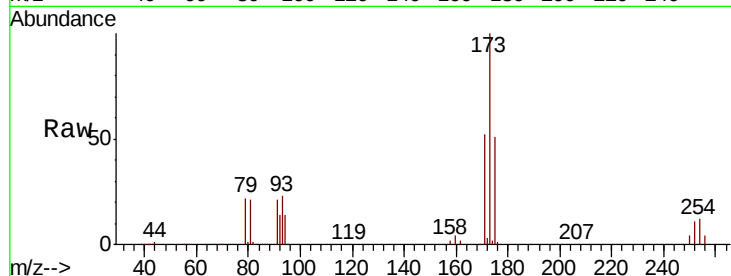
Tot Ion:173 Resp: 62255

Ion Ratio Lower Upper

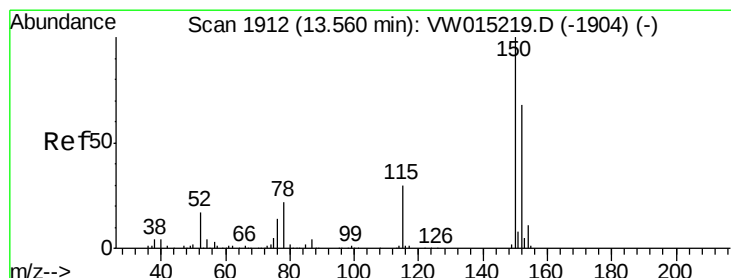
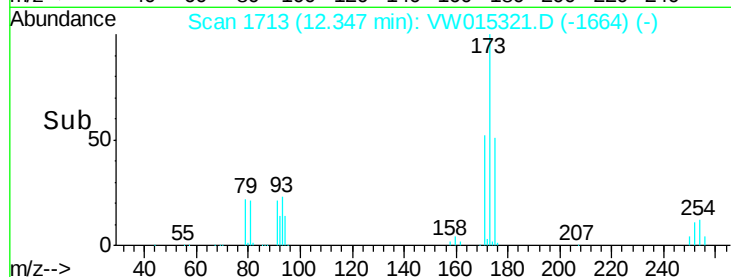
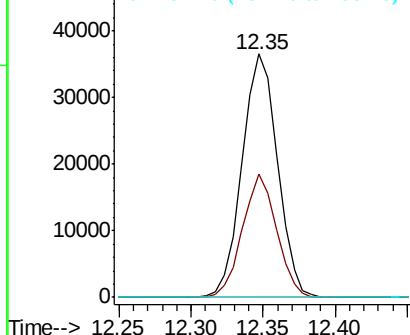
173 100

175 48.6 25.1 75.4

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.01 min

Lab File: VW015321.D

Acq: 23 Apr 2020 10:06

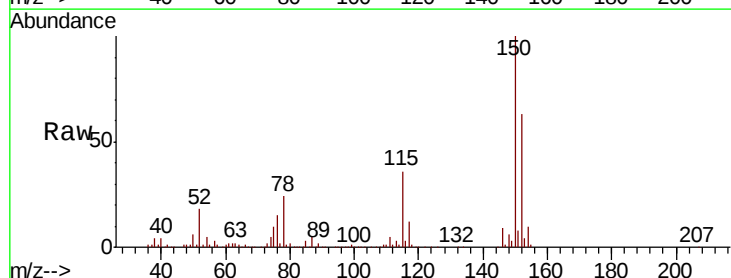
Tgt Ion:152 Resp: 176847

Ion Ratio Lower Upper

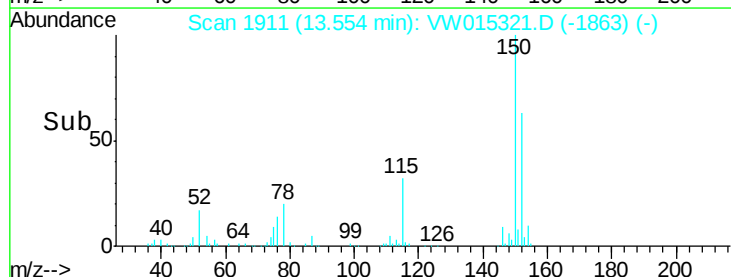
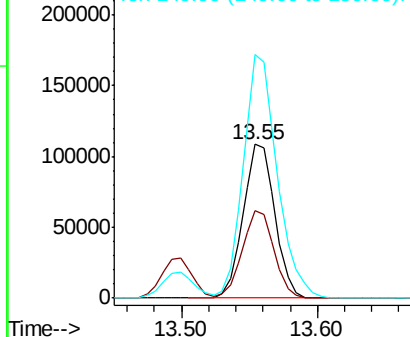
152 100

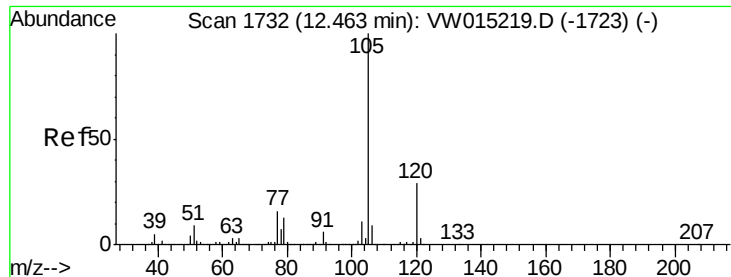
115 56.4 31.3 93.9

150 169.2 0.0 343.4



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

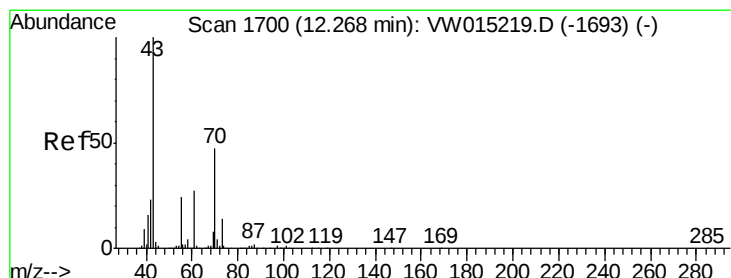
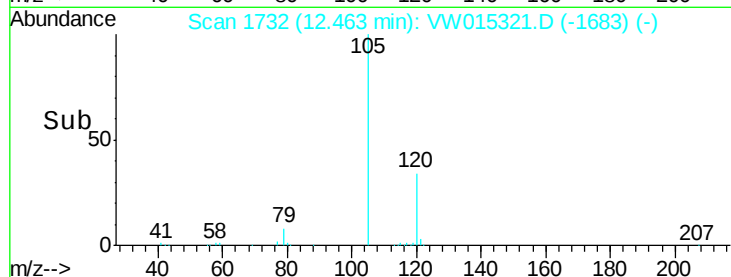
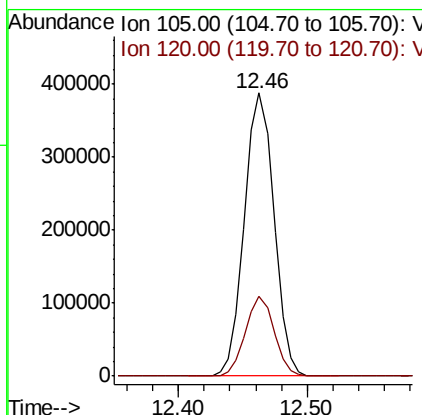
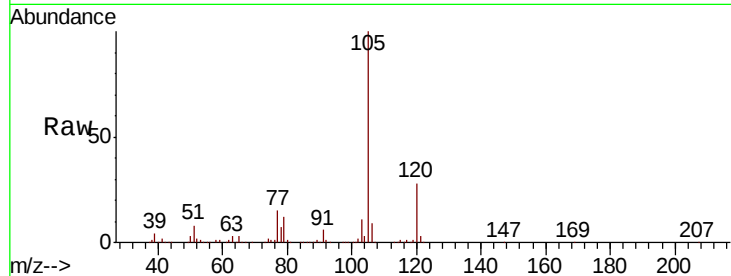




#73
Isopropylbenzene
Concen: 50.252 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VW015321.D
Acq: 23 Apr 2020 10:06

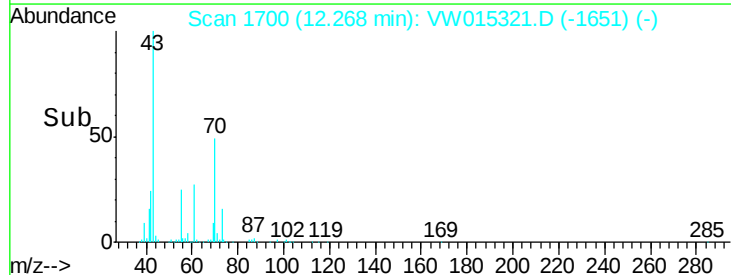
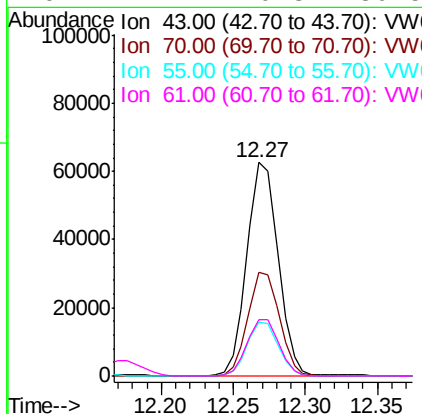
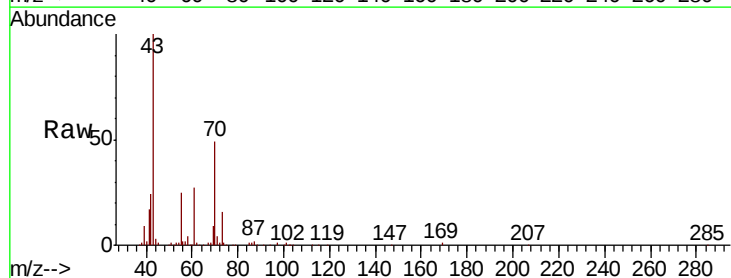
Instrument :
MSVOA_W
ClientSampled :

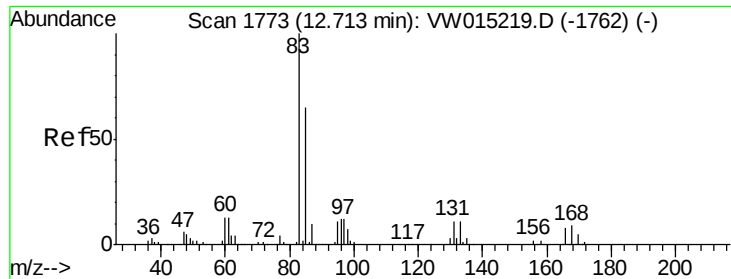
Tot Ion:105 Resp: 616173
Ion Ratio Lower Upper
105 100
120 27.4 13.7 41.1



#74
N-ethyl acetate
Concen: 44.043 ug/l
RT: 12.27 min Scan# 1700
Delta R.T. 0.00 min
Lab File: VW015321.D
Acq: 23 Apr 2020 10:06

Tgt Ion: 43 Resp: 93952
Ion Ratio Lower Upper
43 100
70 49.5 35.4 53.2
55 25.6 18.5 27.7
61 27.2 20.3 30.5





#75

1,1,2,2-Tetrachloroethane

Concen: 45.412 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW015321.D

Acq: 23 Apr 2020 10:06

Instrument :

MSVOA_W

ClientSampleId :

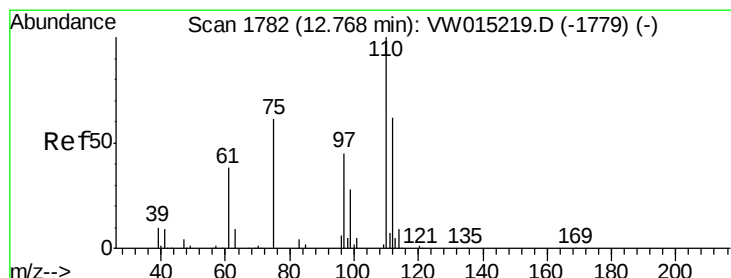
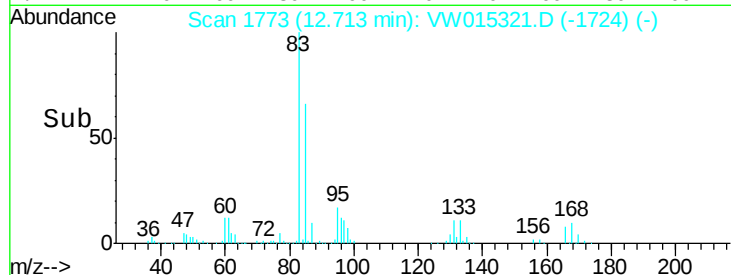
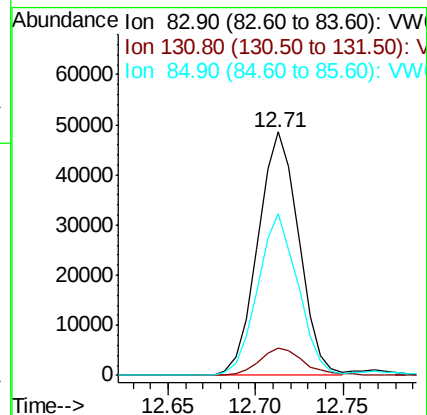
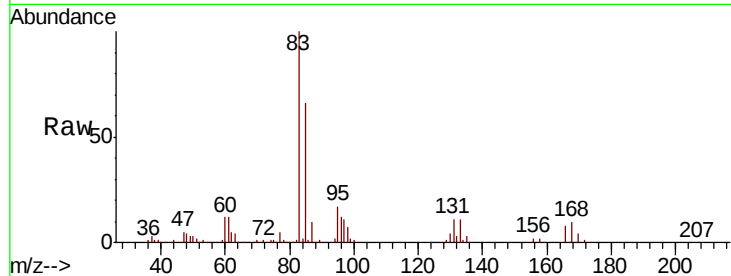
Tot Ion: 83 Resp: 79058

Ion Ratio Lower Upper

83 100

131 12.2 5.1 15.2

85 65.0 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 78.596 ug/l

RT: 12.76 min Scan# 1781

Delta R.T. -0.01 min

Lab File: VW015321.D

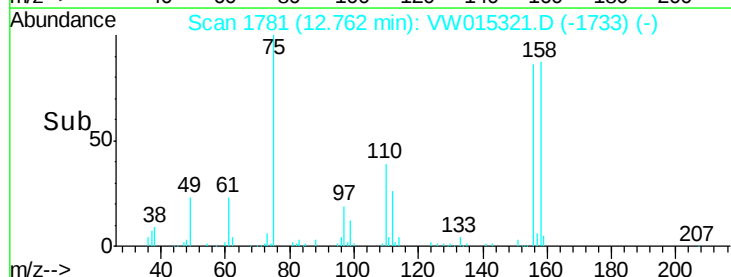
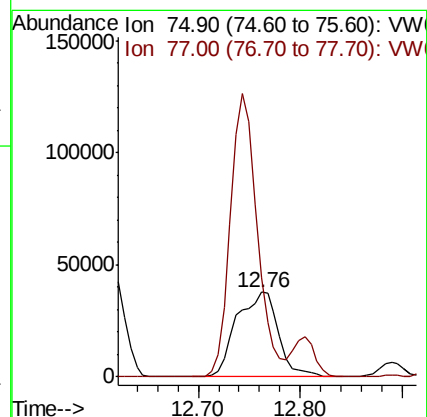
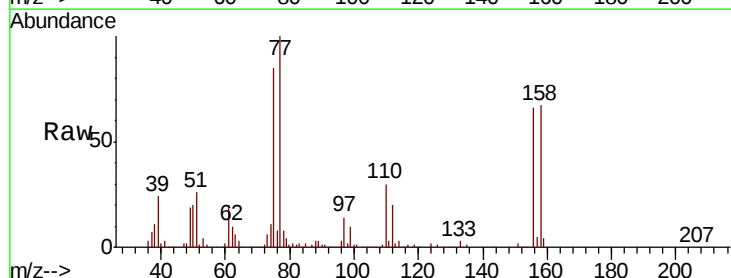
Acq: 23 Apr 2020 10:06

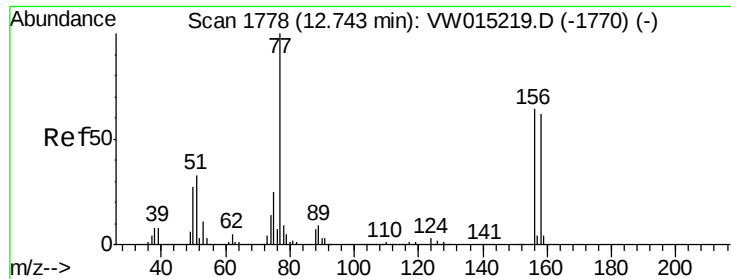
Tgt Ion: 75 Resp: 107528

Ion Ratio Lower Upper

75 100

77 215.8 0.0 0.0#





#77

Bromobenzene

Concen: 50.064 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VW015321.D

Acq: 23 Apr 2020 10:06

Instrument :

MSVOA_W

ClientSampleId :

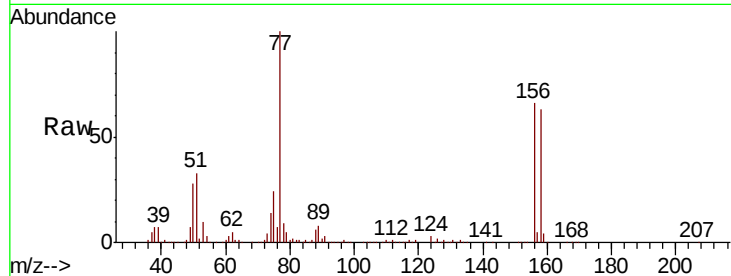
Tot Ion:156 Resp: 141036

Ion Ratio Lower Upper

156 100

77 164.5 100.5 301.5

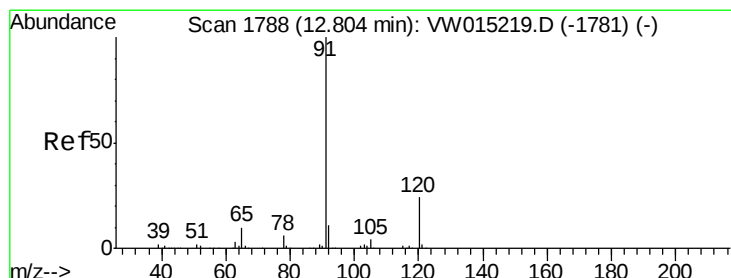
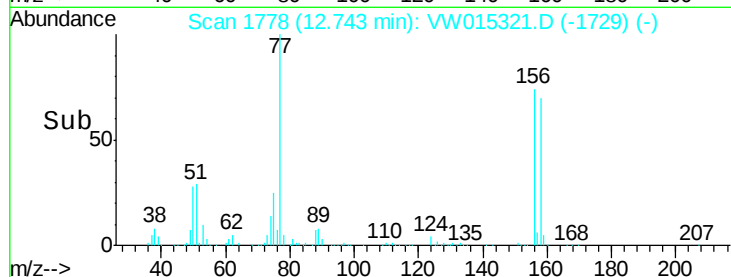
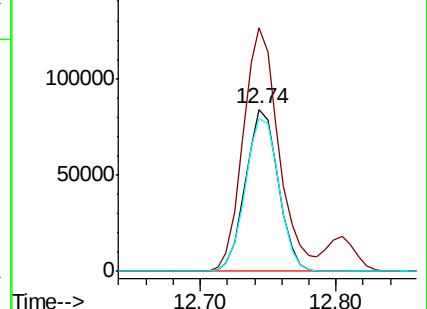
158 97.5 47.9 143.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.765 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW015321.D

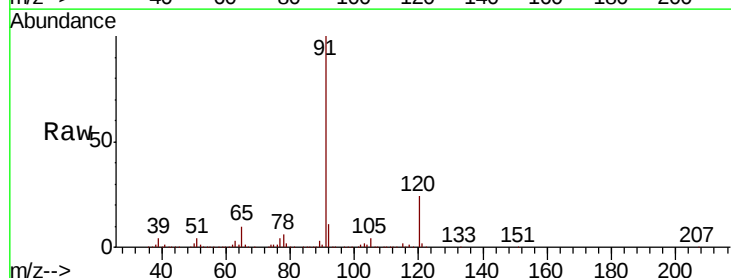
Acq: 23 Apr 2020 10:06

Tgt Ion: 91 Resp: 710474

Ion Ratio Lower Upper

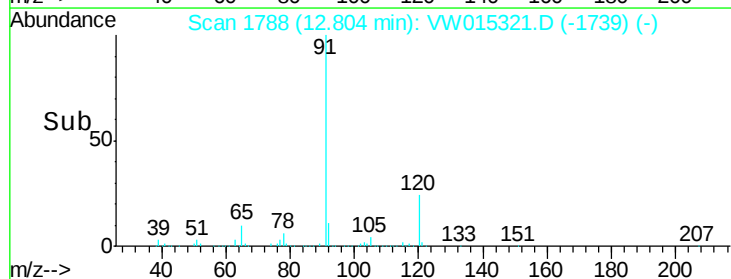
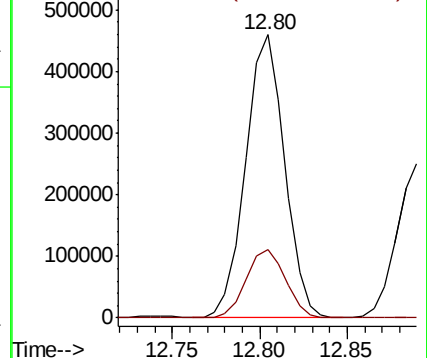
91 100

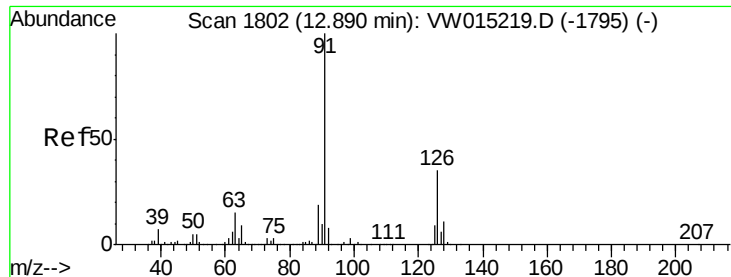
120 24.7 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.208 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW015321.D

Acq: 23 Apr 2020 10:06

Instrument :

MSVOA_W

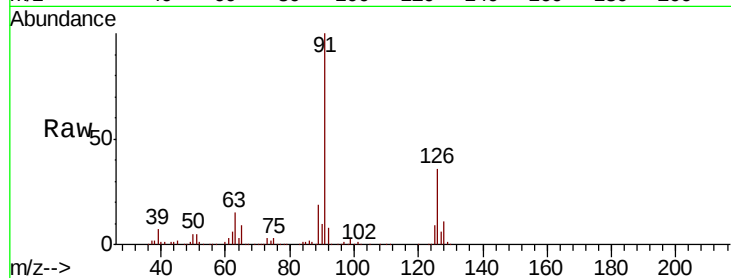
ClientSampled :

Tot Ion: 91 Resp: 403953

Ion Ratio Lower Upper

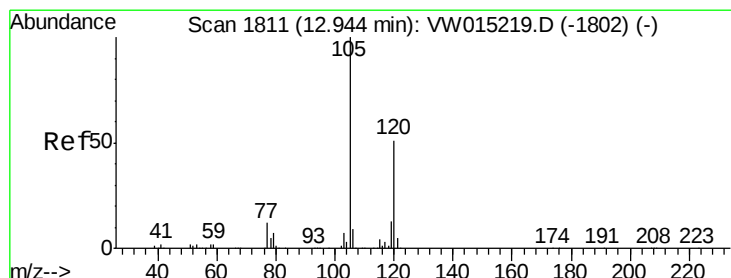
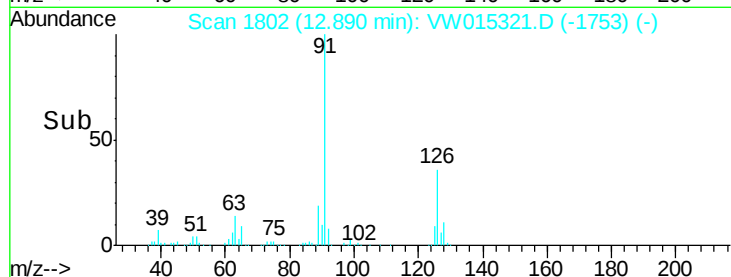
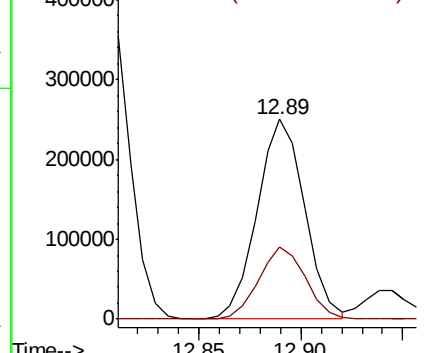
91 100

126 35.7 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: 50.421 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW015321.D

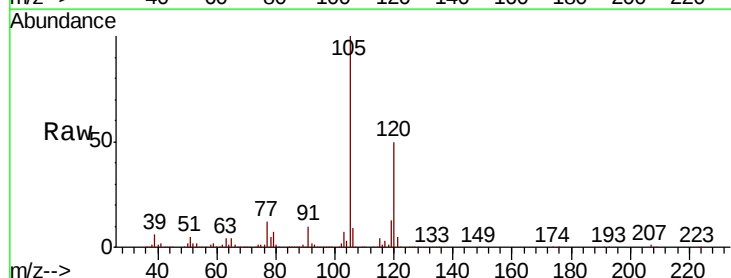
Acq: 23 Apr 2020 10:06

Tgt Ion:105 Resp: 532568

Ion Ratio Lower Upper

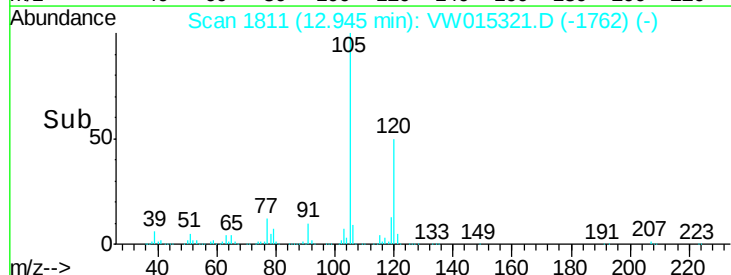
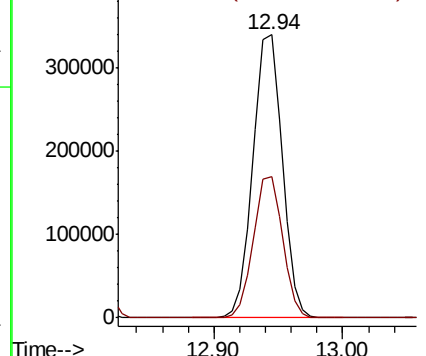
105 100

120 49.8 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: 44.722 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW015321.D

Acq: 23 Apr 2020 10:06

Instrument :

MSVOA_W

ClientSampleId :

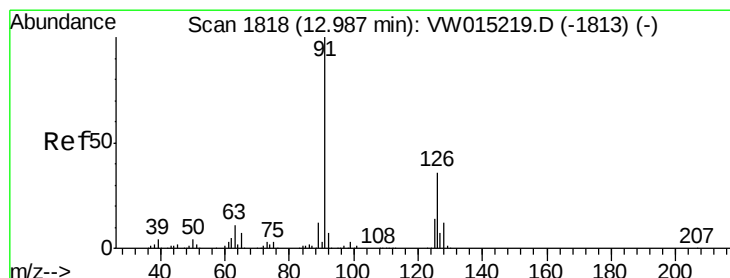
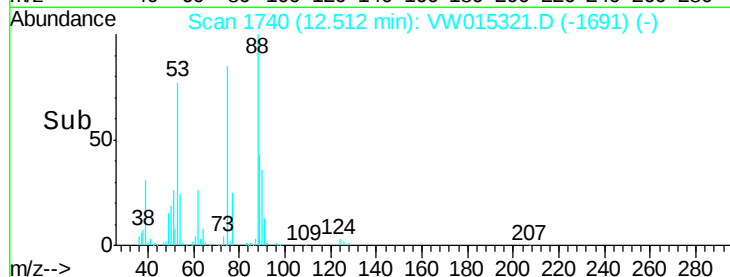
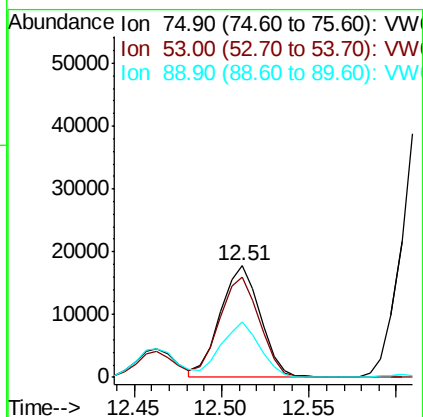
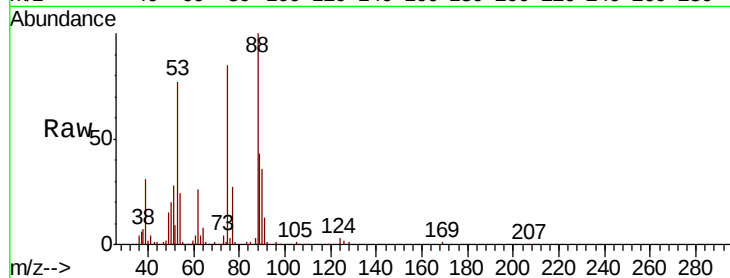
Tot Ion: 75 Resp: 27989

Ion Ratio Lower Upper

75 100

53 91.9 69.4 104.2

89 47.9 34.8 52.2



#82

4-Chlorotoluene

Concen: 50.035 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VW015321.D

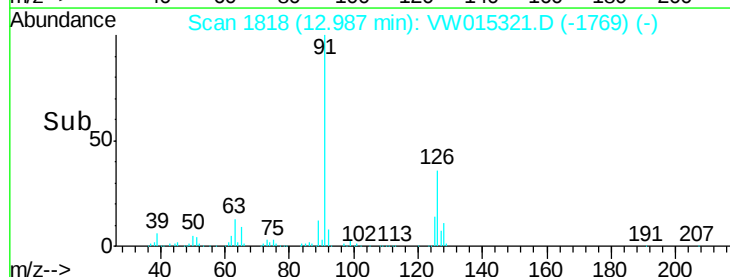
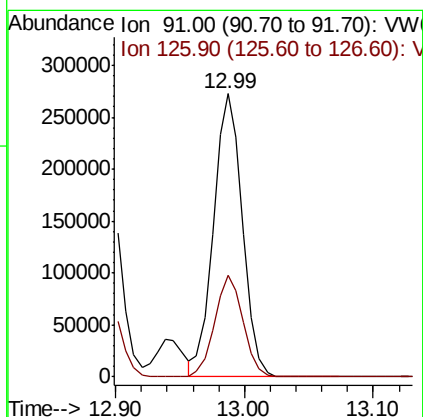
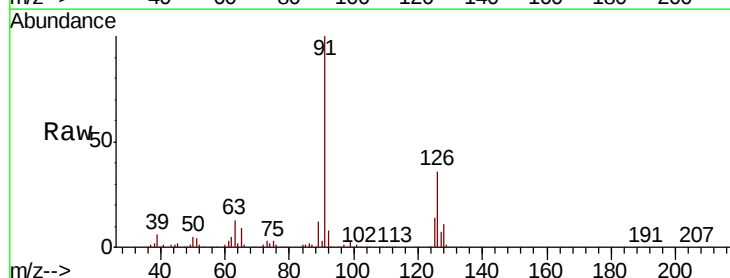
Acq: 23 Apr 2020 10:06

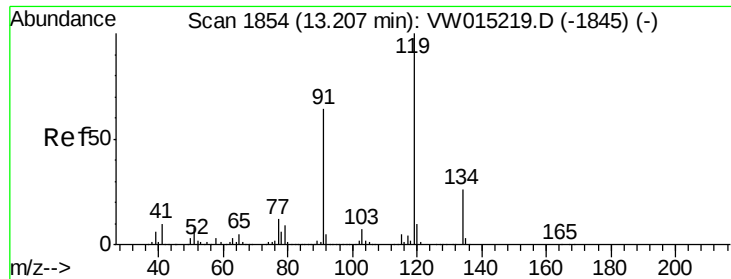
Tgt Ion: 91 Resp: 427419

Ion Ratio Lower Upper

91 100

126 35.3 16.8 50.3

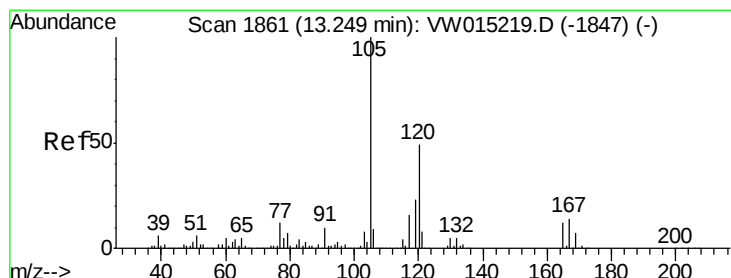
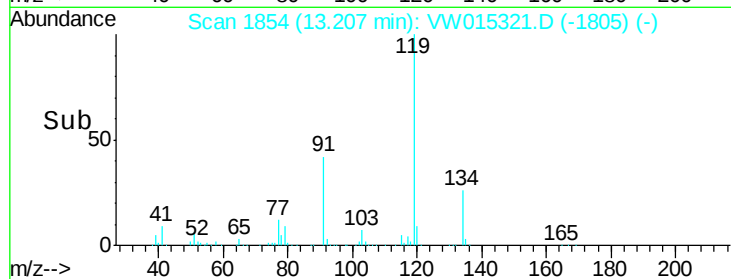
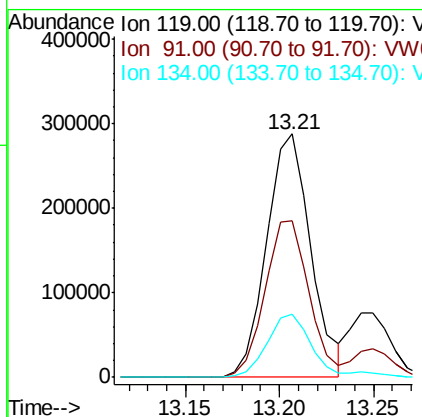
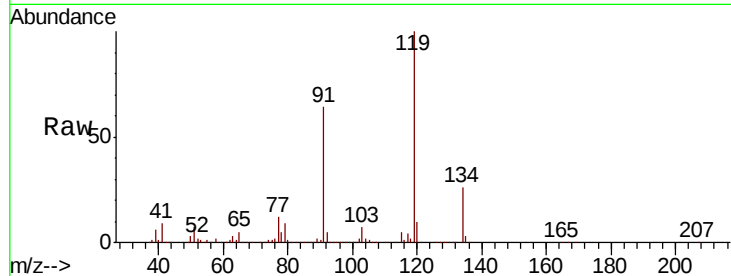




#83
 tert-Butylbenzene
 Concen: 50.831 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW015321.D
 Acq: 23 Apr 2020 10:06

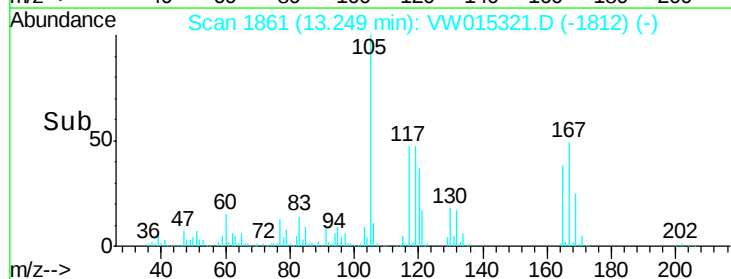
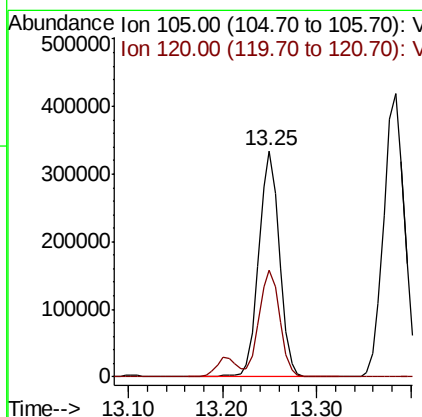
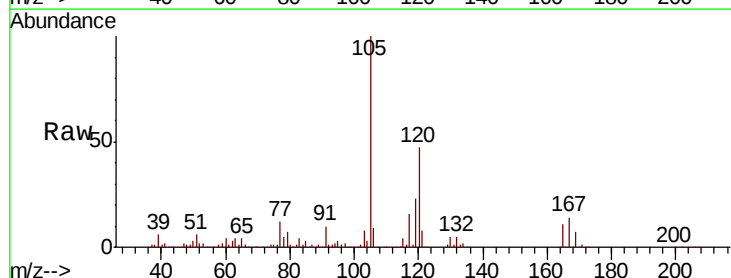
Instrument :
 MSVOA_W
 ClientSampleId :

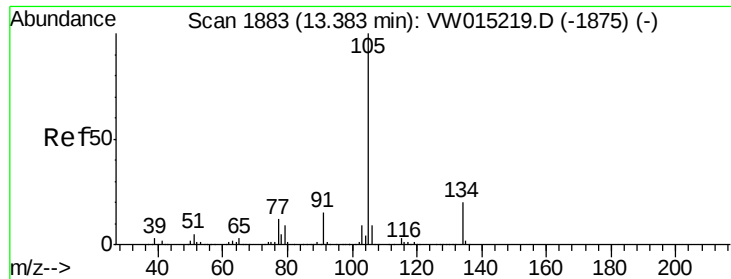
Tot Ion:	119	Resp:	469255
Ion	Ratio	Lower	Upper
119	100		
91	64.1	32.8	98.3
134	26.9	13.3	39.9



#84
 1,2,4-Trimethylbenzene
 Concen: 49.230 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VW015321.D
 Acq: 23 Apr 2020 10:06

Tgt Ion:	105	Resp:	512878
Ion	Ratio	Lower	Upper
105	100		
120	47.6	23.0	69.0





#85

sec-Butylbenzene

Concen: 50.575 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW015321.D

Acq: 23 Apr 2020 10:06

Instrument :

MSVOA_W

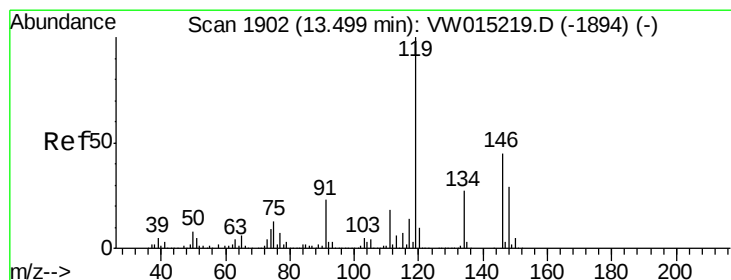
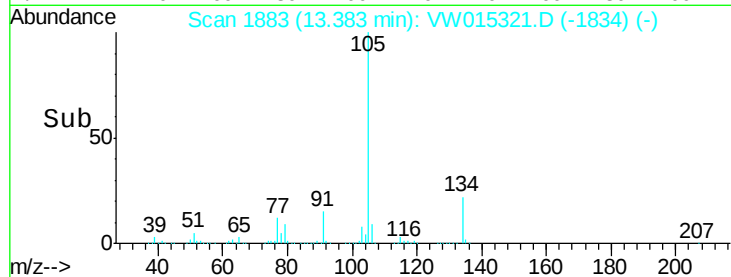
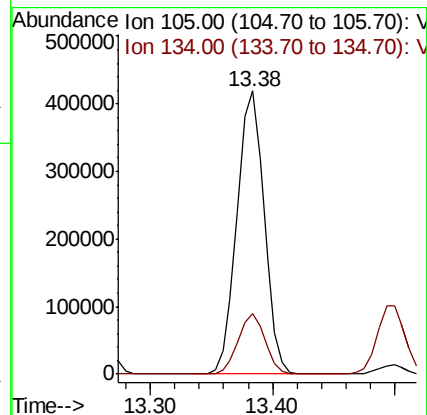
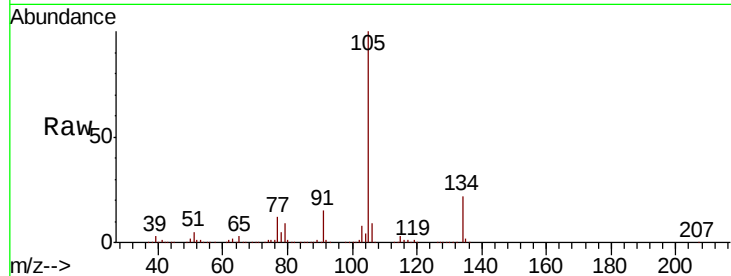
ClientSampleId :

Tot Ion:105 Resp: 644800

Ion Ratio Lower Upper

105 100

134 21.2 10.1 30.1



#86

p-Isopropyltoluene

Concen: 50.533 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW015321.D

Acq: 23 Apr 2020 10:06

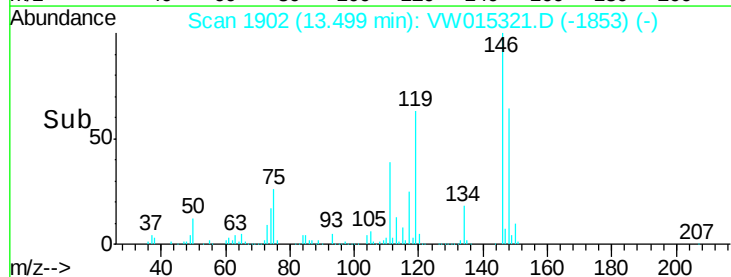
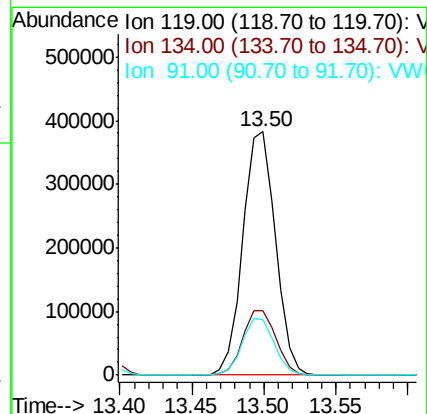
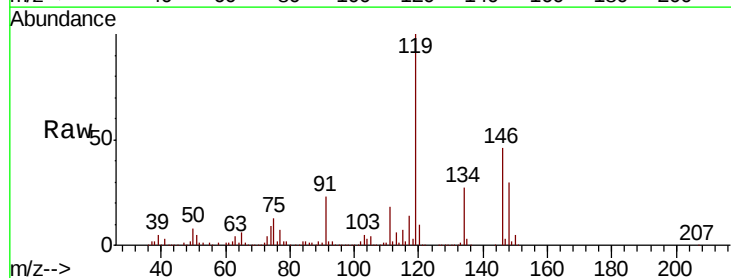
Tgt Ion:119 Resp: 598661

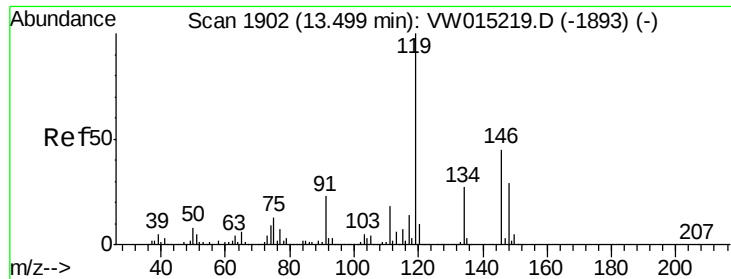
Ion Ratio Lower Upper

119 100

134 27.0 13.3 39.9

91 23.1 12.0 36.1

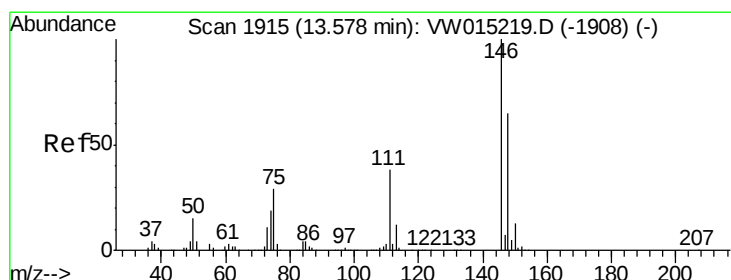
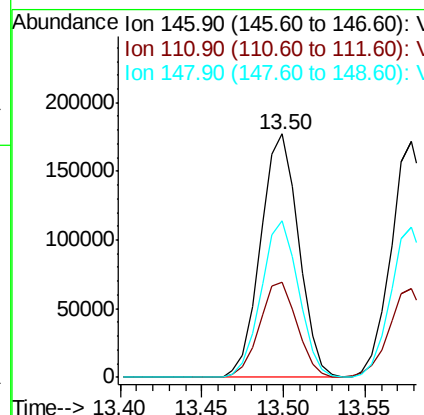
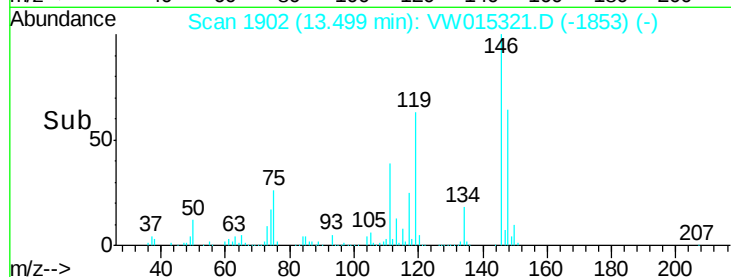
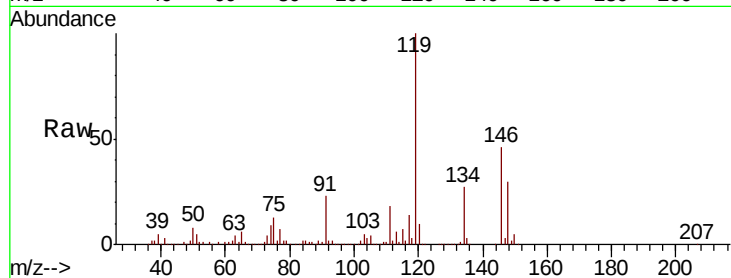




#87
 1,3-Dichlorobenzene
 Concen: 51.115 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW015321.D
 Acq: 23 Apr 2020 10:06

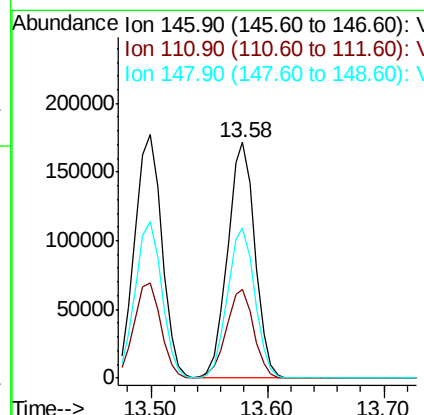
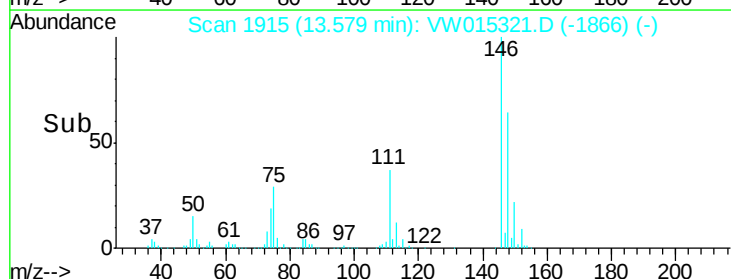
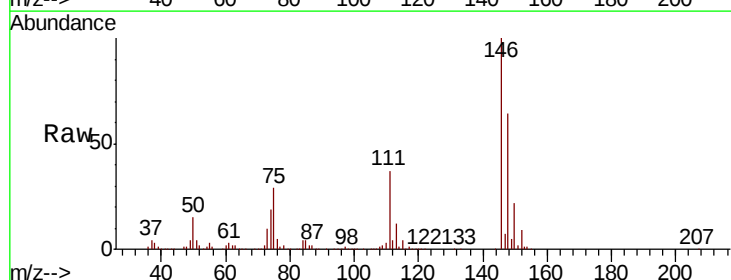
Instrument :
 MSVOA_W
 ClientSampleId :

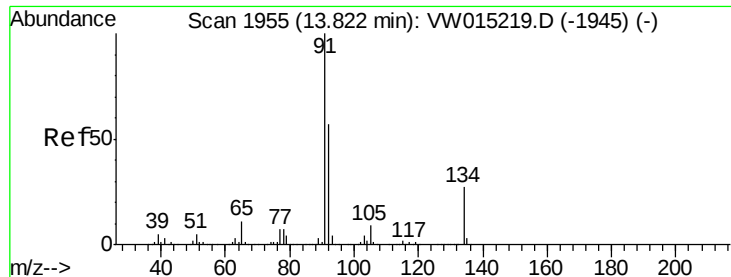
Tot Ion:146 Resp: 286104
 Ion Ratio Lower Upper
 146 100
 111 38.9 21.1 63.4
 148 63.2 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 50.655 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW015321.D
 Acq: 23 Apr 2020 10:06

Tgt Ion:146 Resp: 277935
 Ion Ratio Lower Upper
 146 100
 111 37.8 20.4 61.3
 148 63.9 31.5 94.5





#89

n-Butylbenzene

Concen: 49.833 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW015321.D

Acq: 23 Apr 2020 10:06

Instrument :

MSVOA_W

ClientSampleId :

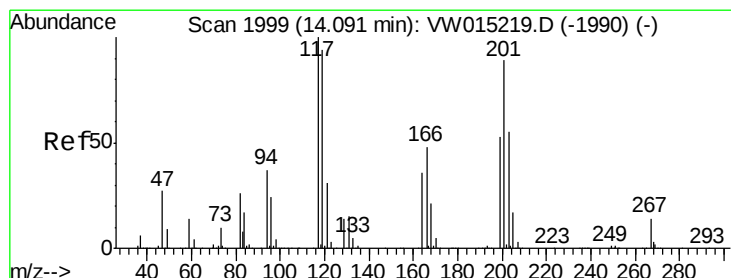
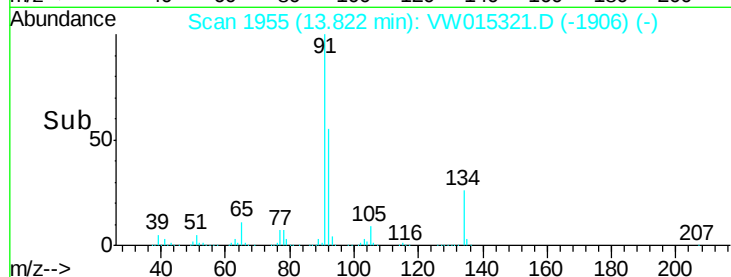
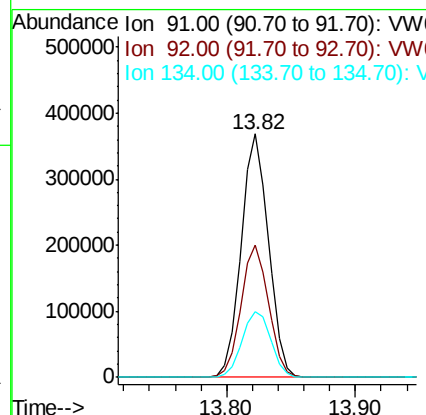
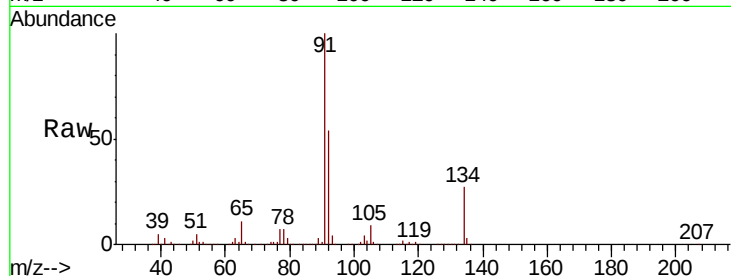
Tot Ion: 91 Resp: 539604

Ion Ratio Lower Upper

91 100

92 54.7 27.6 82.7

134 28.6 12.8 38.3



#90

Hexachloroethane

Concen: 48.664 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. 0.00 min

Lab File: VW015321.D

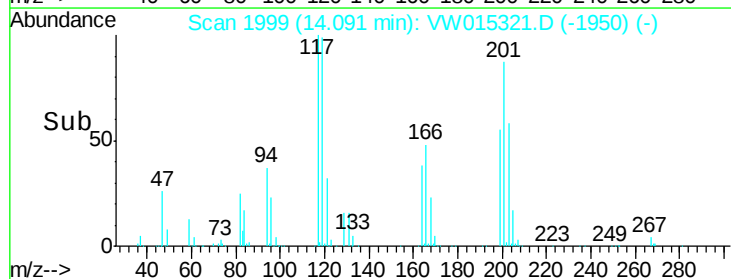
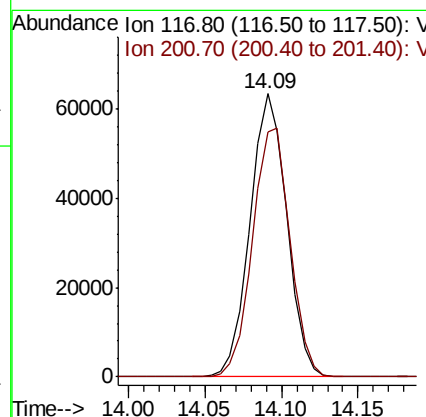
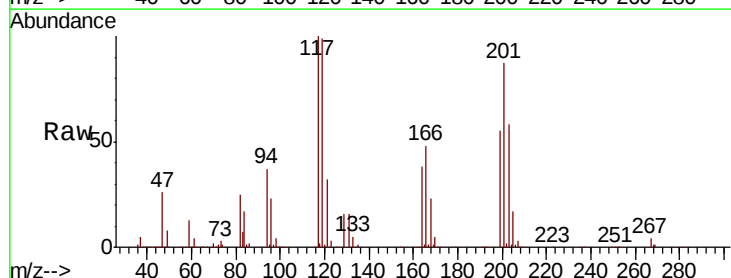
Acq: 23 Apr 2020 10:06

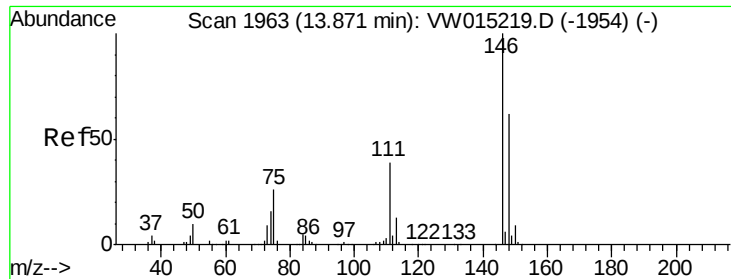
Tgt Ion: 117 Resp: 105727

Ion Ratio Lower Upper

117 100

201 89.8 33.6 100.6

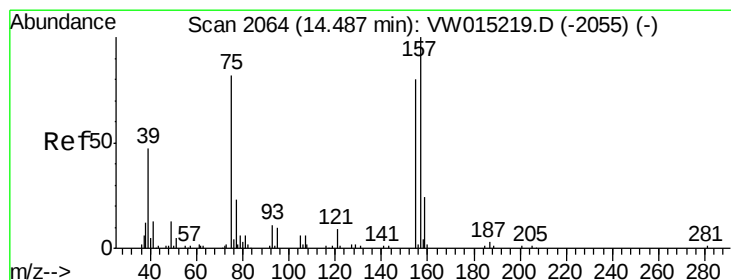
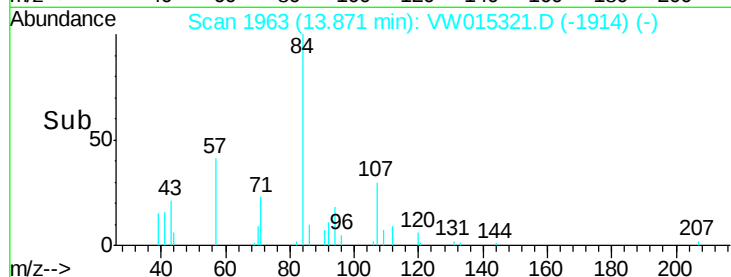
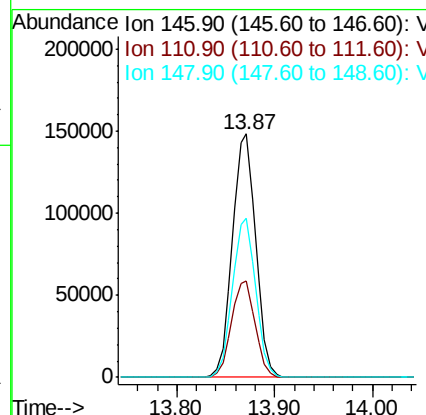
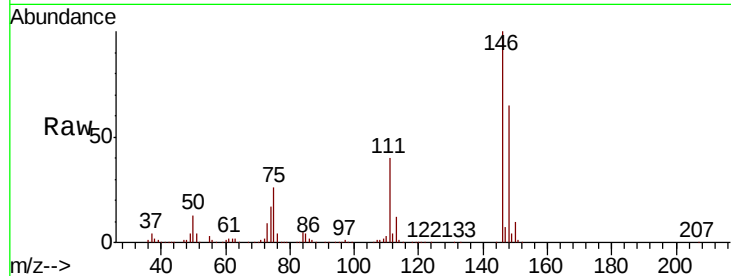




#91
 1,2-Dichlorobenzene
 Concen: 50.428 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW015321.D
 Acq: 23 Apr 2020 10:06

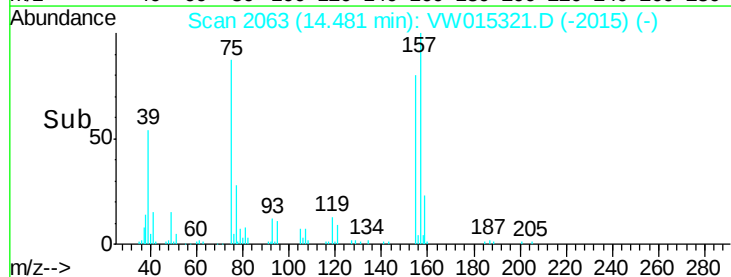
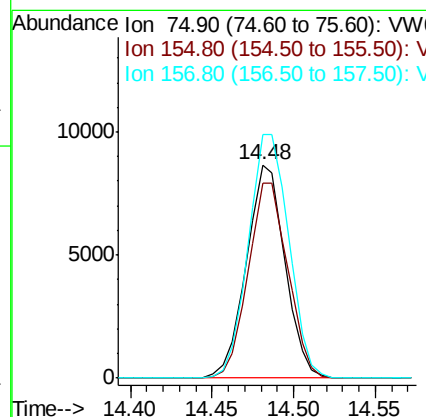
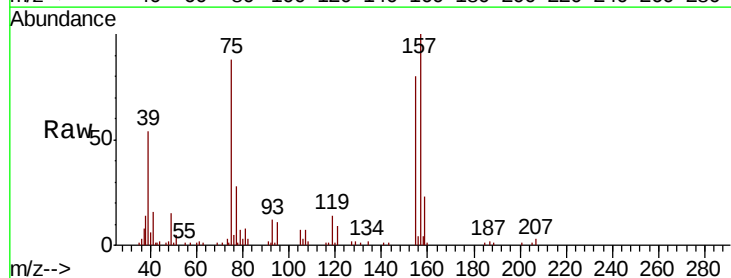
Instrument :
 MSVOA_W
 ClientSampleId :

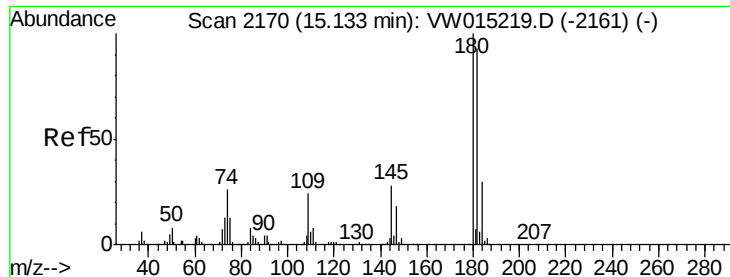
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	21.6	65.0
148	65.1	31.0	93.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.409 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: VW015321.D
 Acq: 23 Apr 2020 10:06

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.1	41.6	124.9
157	119.6	53.8	161.2

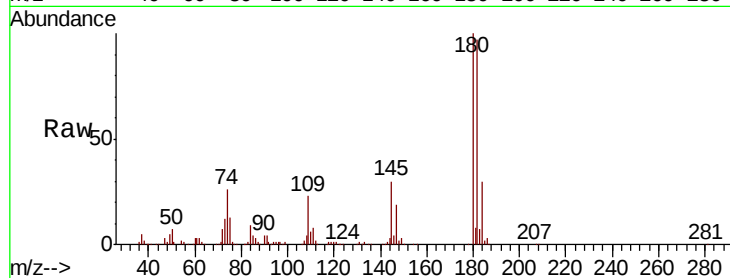




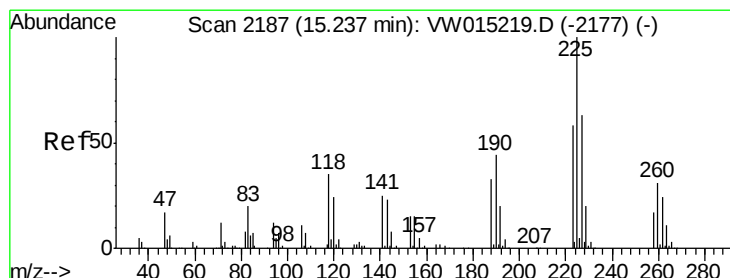
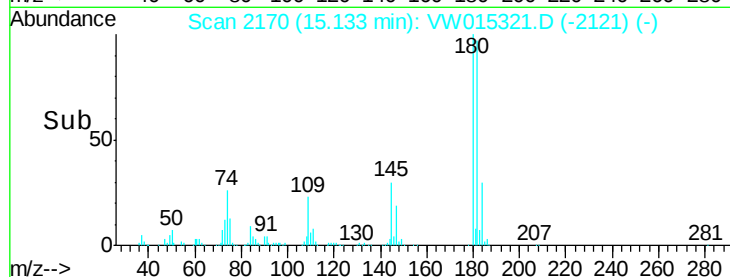
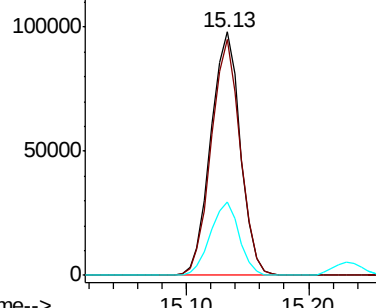
#93
 1,2,4-Trichlorobenzene
 Concen: 48.432 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW015321.D
 Acq: 23 Apr 2020 10:06

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion:180 Resp: 163741
 Ion Ratio Lower Upper
 180 100
 182 95.0 47.1 141.4
 145 29.4 16.2 48.6

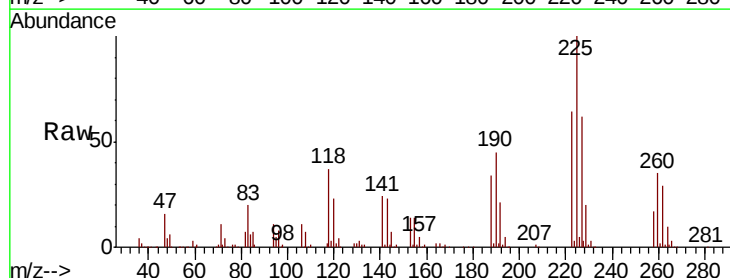


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

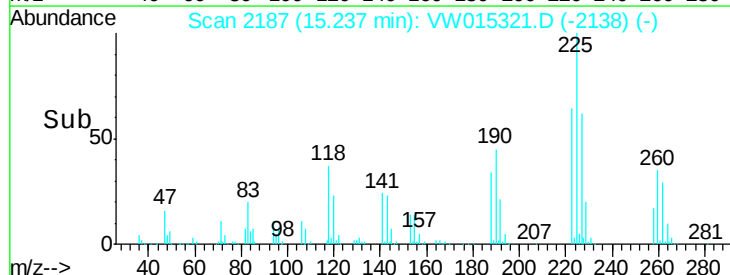
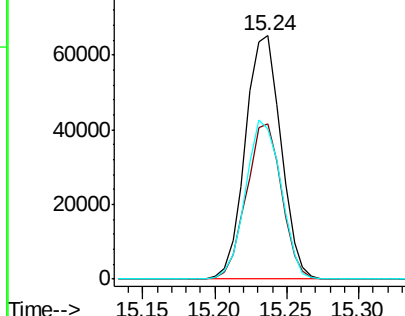


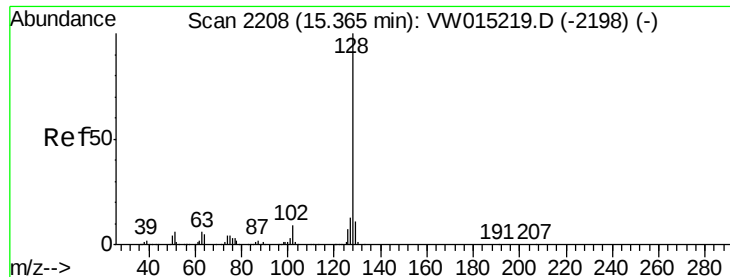
#94
 Hexachlorobutadiene
 Concen: 49.379 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW015321.D
 Acq: 23 Apr 2020 10:06

Tgt Ion:225 Resp: 111300
 Ion Ratio Lower Upper
 225 100
 223 63.0 31.0 93.0
 227 65.1 30.8 92.3



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

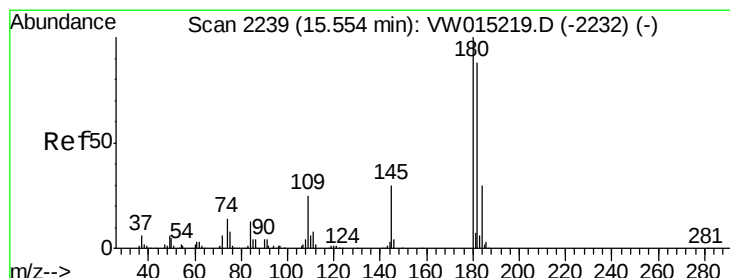
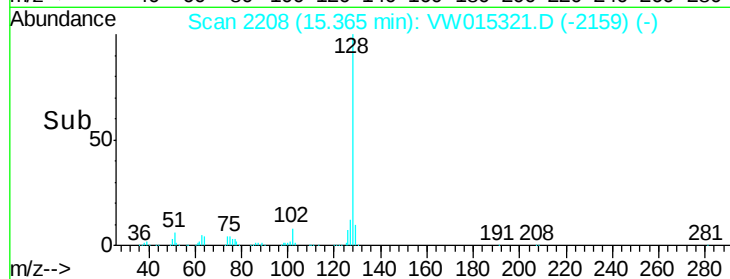
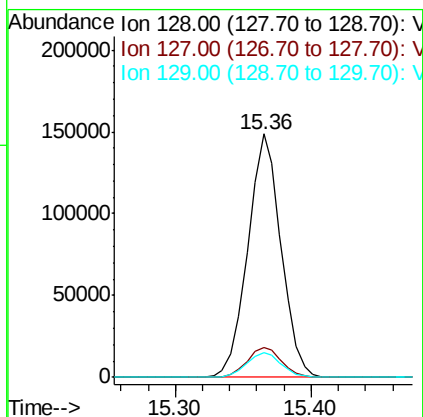
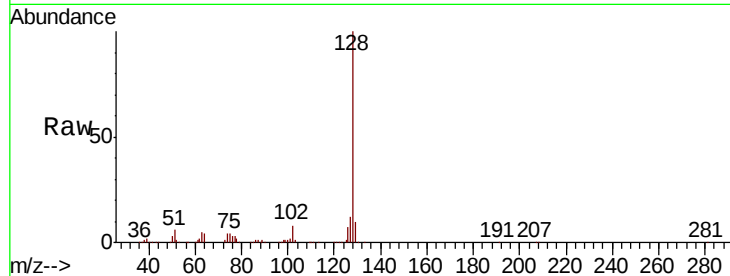




#95
Naphthalene
Concen: 46.621 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW015321.D
Acq: 23 Apr 2020 10:06

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:128 Resp: 253543
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.7 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 49.292 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VW015321.D
Acq: 23 Apr 2020 10:06

Tgt Ion:180 Resp: 135588
Ion Ratio Lower Upper
180 100
182 96.2 48.8 146.3
145 31.0 17.2 51.6

