

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081420\
 Data File : VW016191.D
 Acq On : 14 Aug 2020 14:49
 Operator : SY/VA
 Sample : VW0814SBSD01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0814SBSD01

Quant Time: Aug 17 08:11:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081420S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 17 08:01:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	280603	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	453375	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	418507	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	193588	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	132775	48.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.04%	
35) Dibromofluoromethane	7.88	113	137883	49.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.58%	
50) Toluene-d8	10.32	98	550858	50.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.74%	
62) 4-Bromofluorobenzene	12.62	95	197581	51.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	35655	18.685	ug/l	99
3) Chloromethane	2.21	50	39144	19.267	ug/l	92
4) Vinyl Chloride	2.36	62	52821	18.575	ug/l	99
5) Bromomethane	2.78	94	34853	19.712	ug/l	92
6) Chloroethane	2.92	64	31518	19.626	ug/l	99
7) Trichlorofluoromethane	3.25	101	41495	18.024	ug/l	93
8) Diethyl Ether	3.68	74	28701	19.867	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	57353	18.999	ug/l	99
10) Methyl Iodide	4.26	142	80384	18.429	ug/l	100
11) Tert butyl alcohol	5.18	59	21641	148.596	ug/l #	94
12) 1,1-Dichloroethene	4.03	96	57511	18.721	ug/l	96
13) Acrolein	3.89	56	22260	105.811	ug/l	99
14) Allyl chloride	4.67	41	78496	19.070	ug/l	99
15) Acrylonitrile	5.37	53	56758	104.266	ug/l	100
16) Acetone	4.12	43	52183	99.545	ug/l	99
17) Carbon Disulfide	4.37	76	169190	18.757	ug/l	99
18) Methyl Acetate	4.68	43	24694	20.229	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	77851	20.581	ug/l	98
20) Methylene Chloride	4.91	84	76863	20.709	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	63022	18.838	ug/l	98
22) Diisopropyl ether	6.32	45	154504	19.911	ug/l	97
23) Vinyl Acetate	6.26	43	450432	101.375	ug/l	98
24) 1,1-Dichloroethane	6.22	63	101604	18.760	ug/l	99
25) 2-Butanone	7.17	43	72106	102.636	ug/l	98
26) 2,2-Dichloropropane	7.16	77	66471	19.000	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	67509	19.550	ug/l	99
28) Bromochloromethane	7.51	49	38276	18.628	ug/l	99
29) Tetrahydrofuran	7.54	42	44668	106.364	ug/l	99
30) Chloroform	7.68	83	104514	18.573	ug/l	97
31) Cyclohexane	7.95	56	96360	19.296	ug/l #	94
32) 1,1,1-Trichloroethane	7.87	97	89329	18.895	ug/l	99
36) 1,1-Dichloropropene	8.09	75	86672	19.406	ug/l	100
37) Ethyl Acetate	7.26	43	32597	21.287	ug/l	100
38) Carbon Tetrachloride	8.07	117	84387	18.933	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081420\
 Data File : VW016191.D
 Acq On : 14 Aug 2020 14:49
 Operator : SY/VA
 Sample : VW0814SBSD01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0814SBSD01

Quant Time: Aug 17 08:11:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081420S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 17 08:01:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	108168	20.106	ug/l	98
40) Benzene	8.32	78	241191	19.196	ug/l	100
41) Methacrylonitrile	7.48	41	15989	18.295	ug/l	90
42) 1,2-Dichloroethane	8.40	62	64689	19.494	ug/l	100
43) Isopropyl Acetate	8.43	43	60140	20.875	ug/l	99
44) Trichloroethene	9.10	130	66746	18.756	ug/l	96
45) 1,2-Dichloropropane	9.37	63	57682	19.475	ug/l	100
46) Dibromomethane	9.46	93	30491	19.609	ug/l	99
47) Bromodichloromethane	9.65	83	74797	18.618	ug/l	99
48) Methyl methacrylate	9.44	41	27921	20.847	ug/l	97
49) 1,4-Dioxane	9.45	88	8836	451.269	ug/l #	94
51) 4-Methyl-2-Pentanone	10.21	43	154464	106.008	ug/l	99
52) Toluene	10.39	92	159975	19.883	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	72684	19.539	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	90411	19.556	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	43729	19.599	ug/l	96
56) Ethyl methacrylate	10.65	69	51208	20.126	ug/l	98
57) 1,3-Dichloropropane	10.93	76	74642	19.663	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	116147	100.120	ug/l	100
59) 2-Hexanone	10.97	43	105266	105.602	ug/l	99
60) Dibromochloromethane	11.13	129	50946	19.194	ug/l	98
61) 1,2-Dibromoethane	11.24	107	42033	19.570	ug/l	98
64) Tetrachloroethene	10.86	164	52118	18.979	ug/l	96
65) Chlorobenzene	11.66	112	166130	19.367	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	56634	18.889	ug/l	99
67) Ethyl Benzene	11.73	91	298985	19.394	ug/l	100
68) m/p-Xylenes	11.84	106	231069	38.995	ug/l	100
69) o-Xylene	12.17	106	103325	19.572	ug/l	96
70) Styrene	12.18	104	177918	19.476	ug/l	99
71) Bromoform	12.35	173	25772	19.206	ug/l #	99
73) Isopropylbenzene	12.47	105	291666	19.771	ug/l	100
74) N-amyl acetate	12.27	43	55054	20.839	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	49292	19.969	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	61525	34.557	ug/l	31
77) Bromobenzene	12.75	156	63181	19.363	ug/l	99
78) n-propylbenzene	12.80	91	350523	19.907	ug/l	100
79) 2-Chlorotoluene	12.90	91	202068	19.866	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	255083	20.143	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.51	75	14727	19.841	ug/l	98
82) 4-Chlorotoluene	12.99	91	212542	20.071	ug/l	100
83) tert-Butylbenzene	13.21	119	207185	19.963	ug/l	97
84) 1,2,4-Trimethylbenzene	13.25	105	252911	20.183	ug/l	98
85) sec-Butylbenzene	13.38	105	305331	20.242	ug/l	100
86) p-Isopropyltoluene	13.50	119	277283	20.324	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	129703	19.849	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	122422	19.026	ug/l	98
89) n-Butylbenzene	13.82	91	257618	20.411	ug/l	99
90) Hexachloroethane	14.09	117	48169	18.919	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	111228	19.524	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8170	21.531	ug/l	92

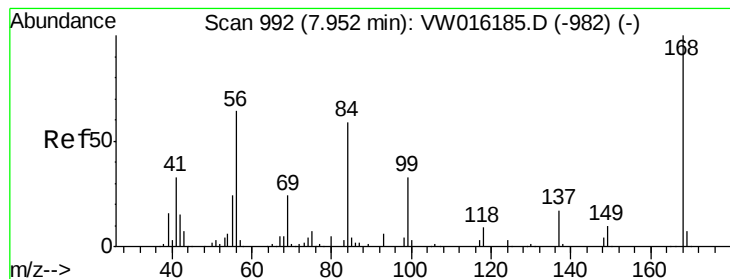
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081420\
Data File : VW016191.D
Acq On : 14 Aug 2020 14:49
Operator : SY/VA
Sample : VW0814SBSD01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0814SBSD01

Quant Time: Aug 17 08:11:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081420S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 17 08:01:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	68993	20.308	ug/l	96
94) Hexachlorobutadiene	15.24	225	39575	19.593	ug/l	98
95) Naphthalene	15.36	128	123958	19.734	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	60059	20.585	ug/l	96

(#) = 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: VW016191.D

Acq: 14 Aug 2020 14:49

Instrument :

MSVOA_W

ClientSampleID :

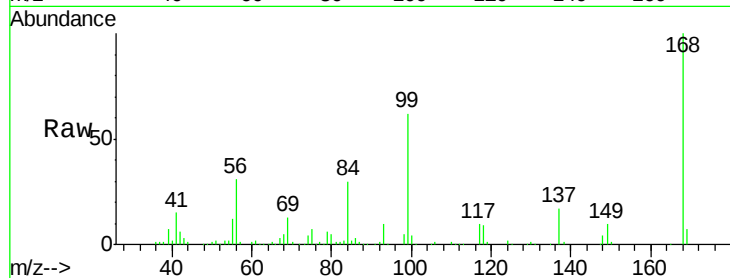
VW0814SBSD01

Tgt Ion: 168 Resp: 280603

Ion Ratio Lower Upper

168 100

99 62.1 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

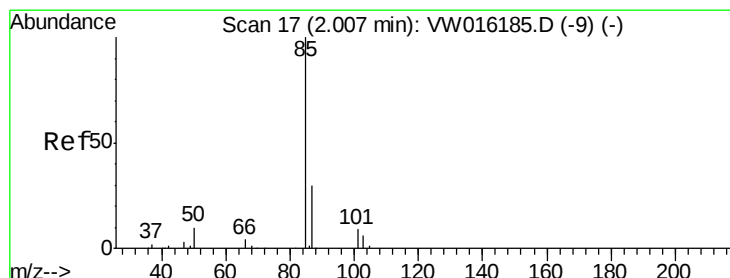
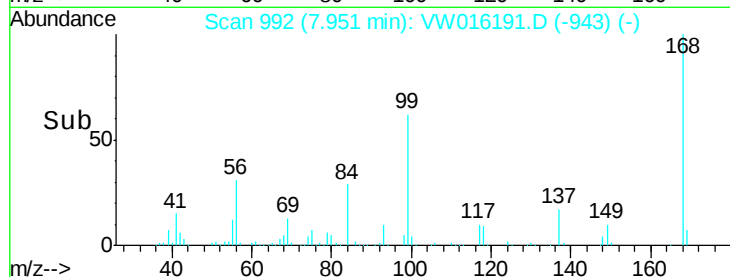
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 18.685 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW016191.D

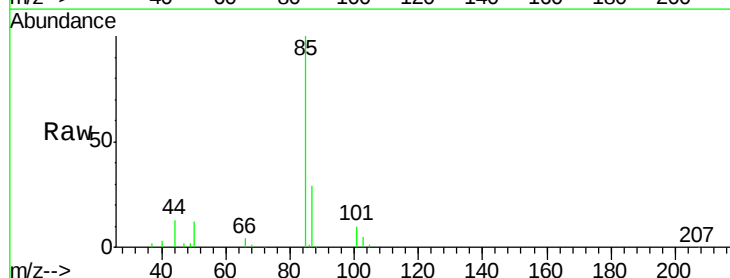
Acq: 14 Aug 2020 14:49

Tgt Ion: 85 Resp: 35655

Ion Ratio Lower Upper

85 100

87 29.4 14.9 44.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

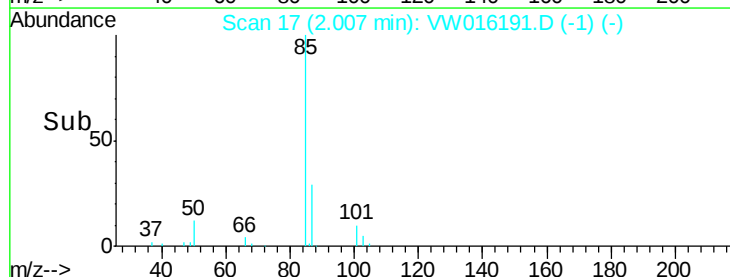
15000

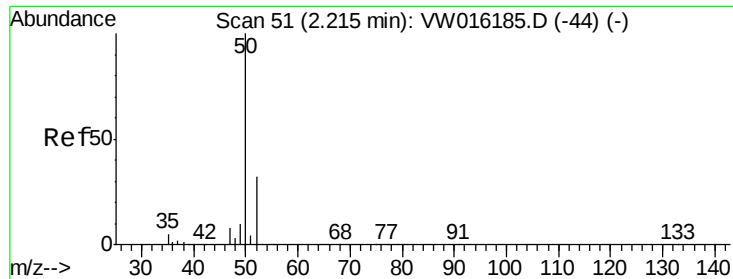
10000

5000

0

Time--> 1.90 2.00 2.10

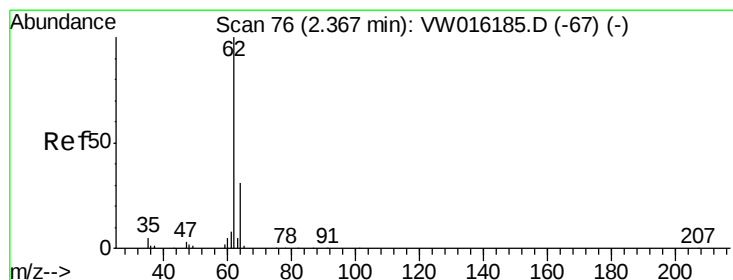
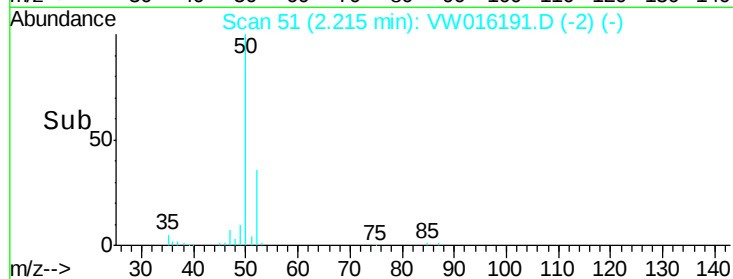
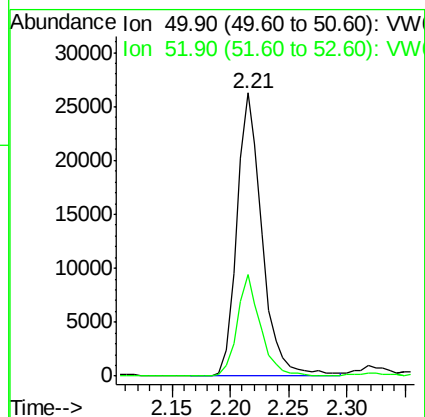
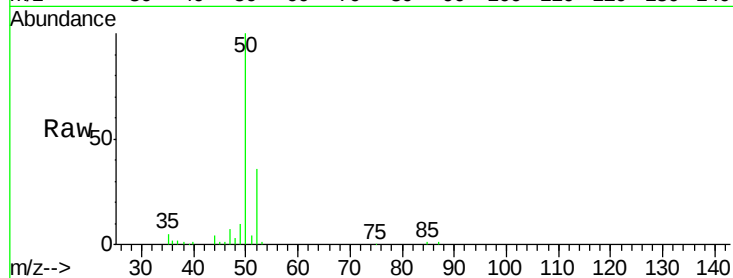




#3
Chloromethane
Concen: 19.267 ug/l
RT: 2.21 min Scan# 51
Delta R.T. -0.00 min
Lab File: VW016191.D
Acq: 14 Aug 2020 14:49

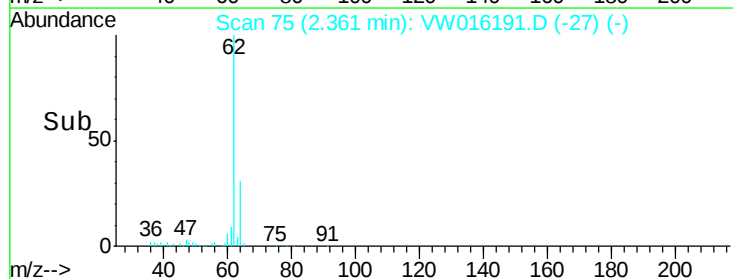
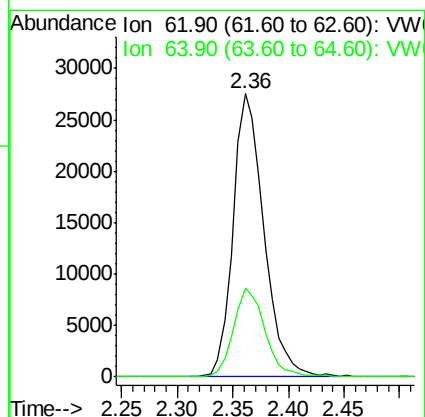
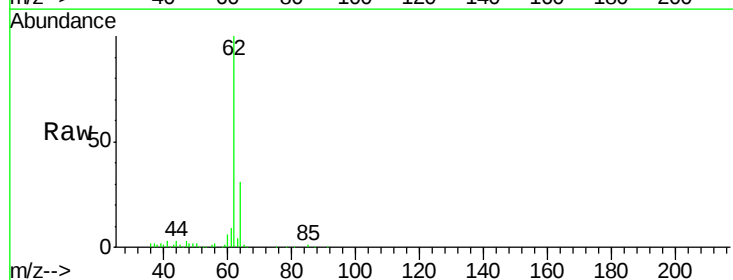
Instrument :
MSVOA_W
ClientSampleId :
VW0814SBSD01

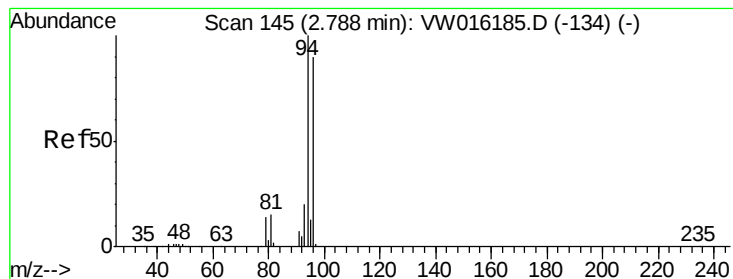
Tgt Ion: 50 Resp: 39144
Ion Ratio Lower Upper
50 100
52 35.8 25.3 37.9



#4
Vinyl Chloride
Concen: 18.575 ug/l
RT: 2.36 min Scan# 75
Delta R.T. -0.01 min
Lab File: VW016191.D
Acq: 14 Aug 2020 14:49

Tgt Ion: 62 Resp: 52821
Ion Ratio Lower Upper
62 100
64 31.2 24.5 36.7





#5

Bromomethane

Concen: 19.712 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW016191.D

Acq: 14 Aug 2020 14:49

Instrument :

MSVOA_W

ClientSampleId :

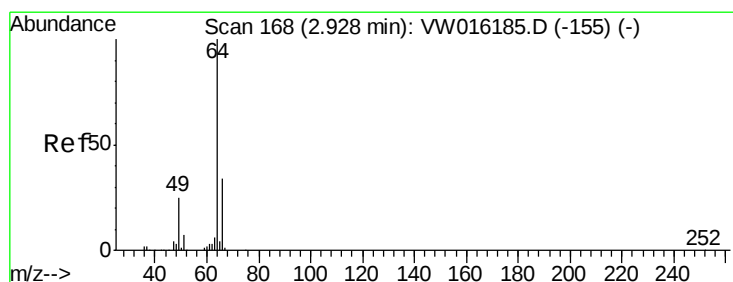
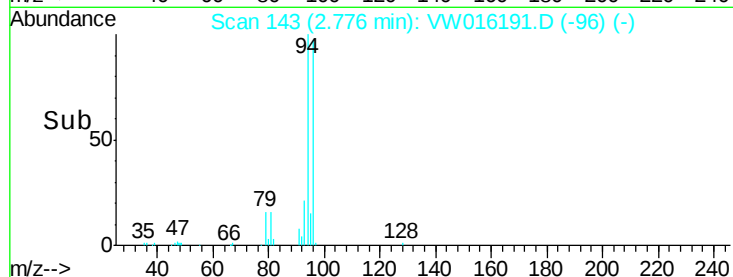
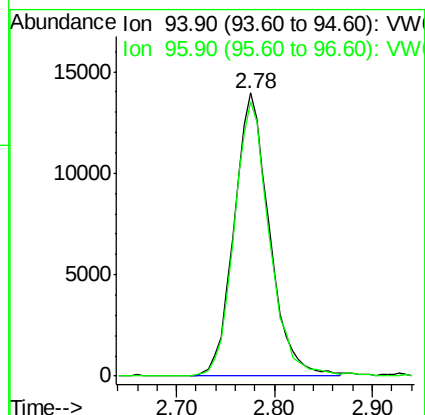
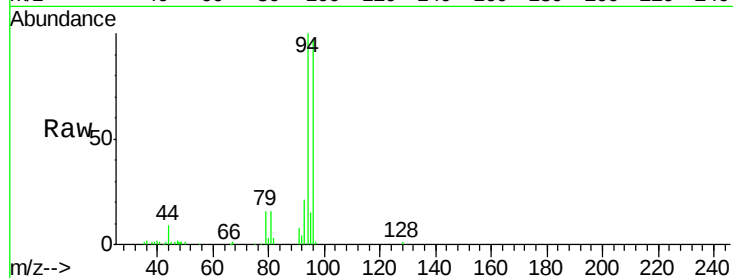
VW0814SBSD01

Tgt Ion: 94 Resp: 34853

Ion Ratio Lower Upper

94 100

96 97.0 71.8 107.6



#6

Chloroethane

Concen: 19.626 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW016191.D

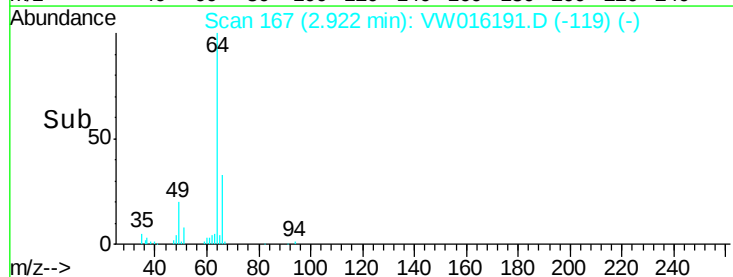
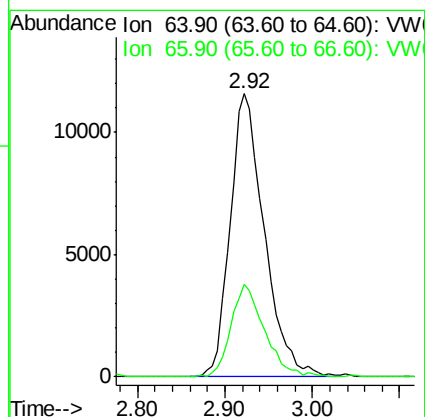
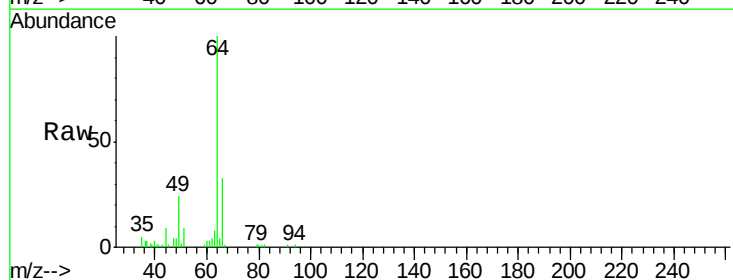
Acq: 14 Aug 2020 14:49

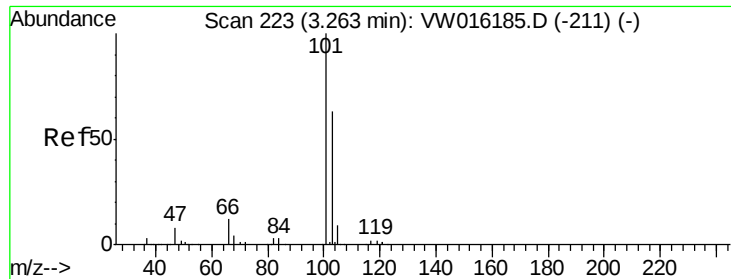
Tgt Ion: 64 Resp: 31518

Ion Ratio Lower Upper

64 100

66 32.9 26.9 40.3



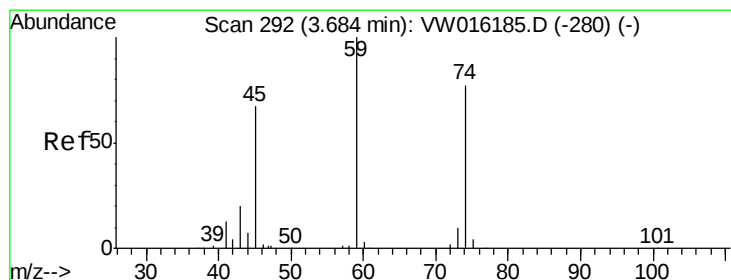
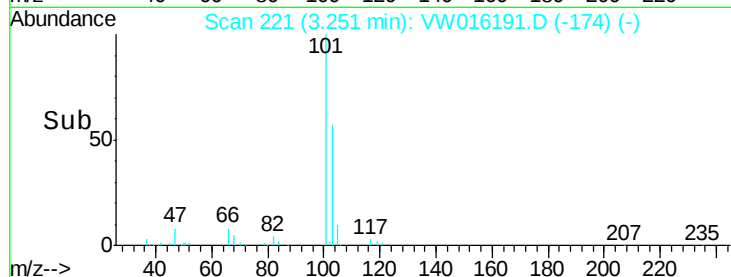
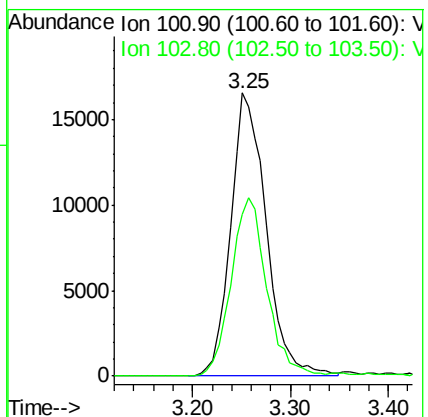
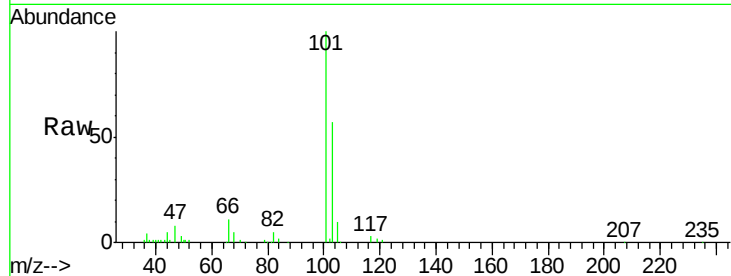


#7

Trichlorofluoromethane
Concen: 18.024 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.01 min
Lab File: VW016191.D
Acq: 14 Aug 2020 14:49

Instrument :
MSVOA_W
ClientSampleId :
VW0814SBS01

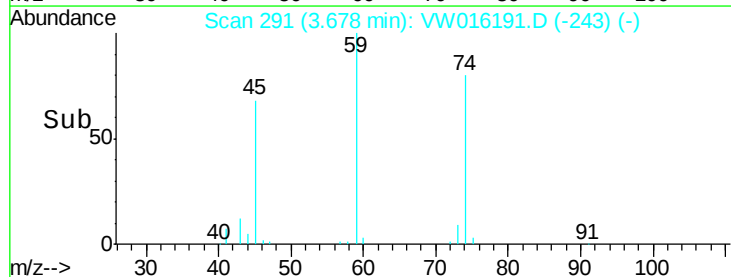
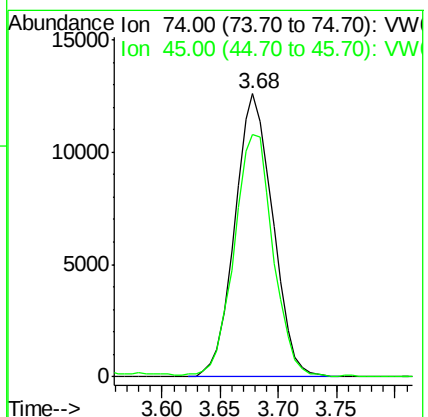
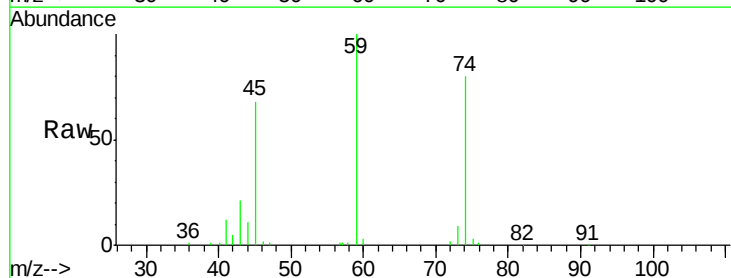
Tgt Ion:101 Resp: 41495
Ion Ratio Lower Upper
101 100
103 57.2 50.4 75.6

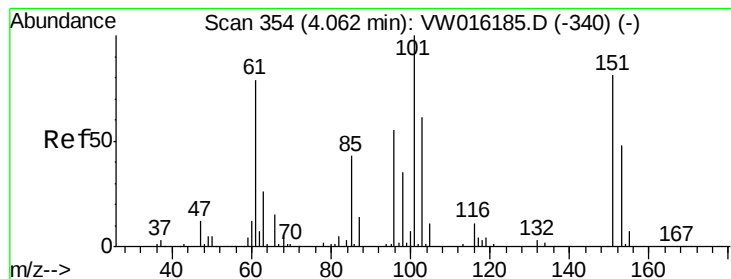


#8

Diethyl Ether
Concen: 19.867 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.01 min
Lab File: VW016191.D
Acq: 14 Aug 2020 14:49

Tgt Ion: 74 Resp: 28701
Ion Ratio Lower Upper
74 100
45 87.9 45.9 137.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.999 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW016191.D

Acq: 14 Aug 2020 14:49

Instrument :

MSVOA_W

ClientSampleId :

VW0814SBSD01

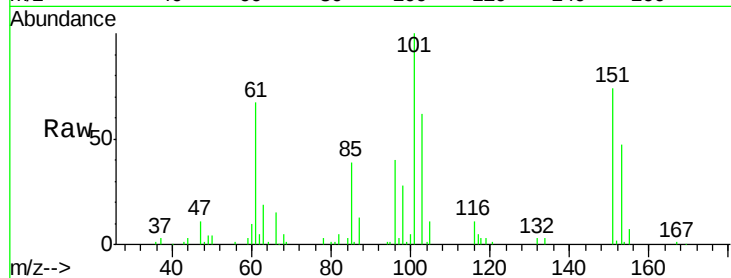
Tgt Ion:101 Resp: 57353

Ion Ratio Lower Upper

101 100

85 41.8 33.3 49.9

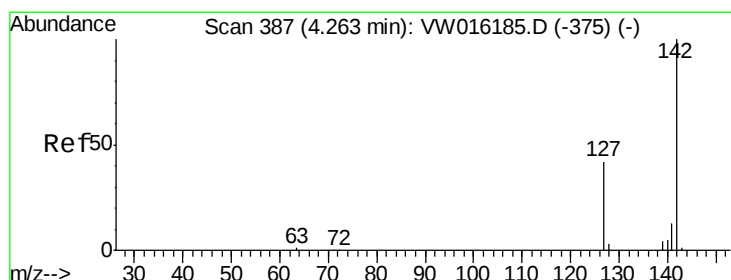
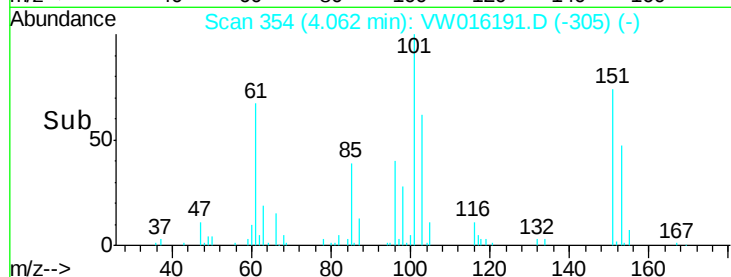
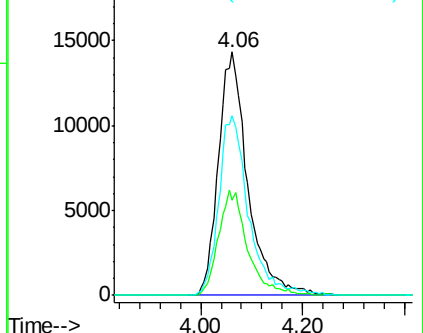
151 74.7 61.1 91.7



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: 18.429 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.00 min

Lab File: VW016191.D

Acq: 14 Aug 2020 14:49

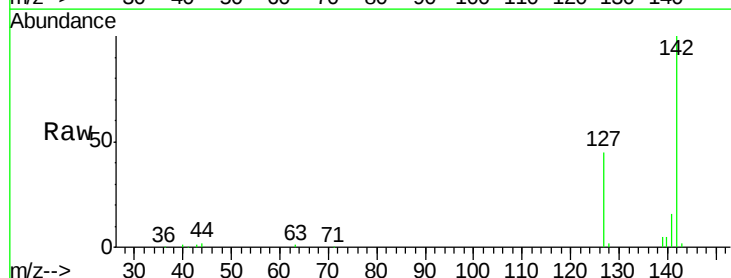
Tgt Ion:142 Resp: 80384

Ion Ratio Lower Upper

142 100

127 43.4 34.6 52.0

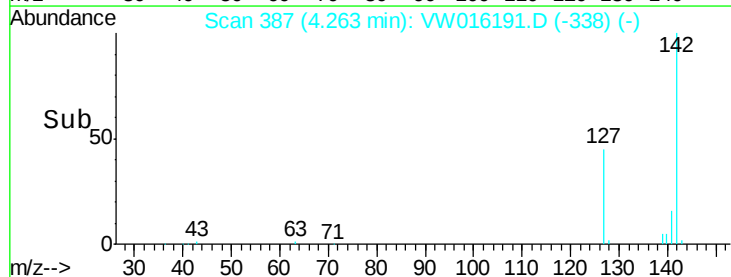
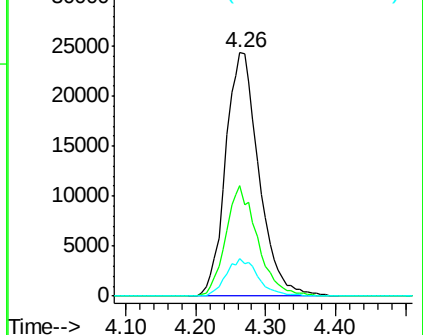
141 14.8 11.4 17.2

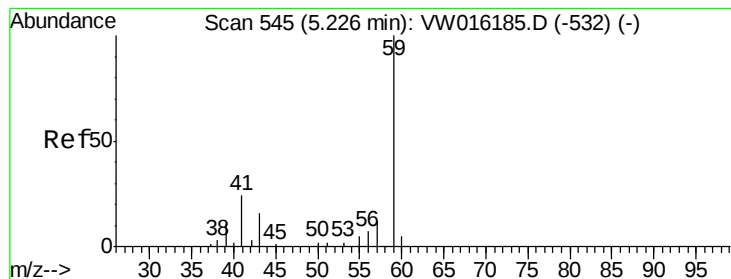


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



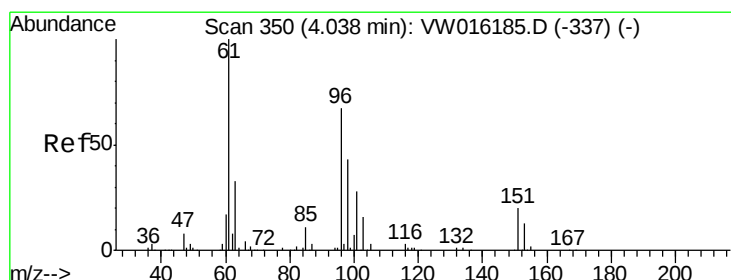
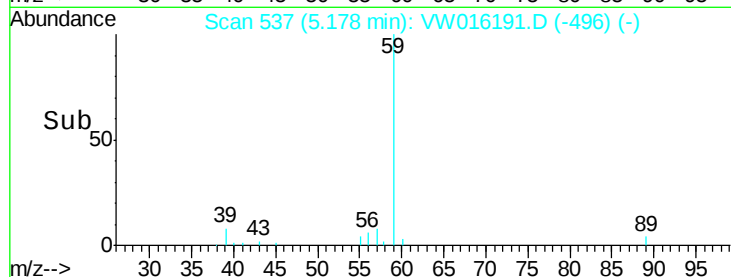
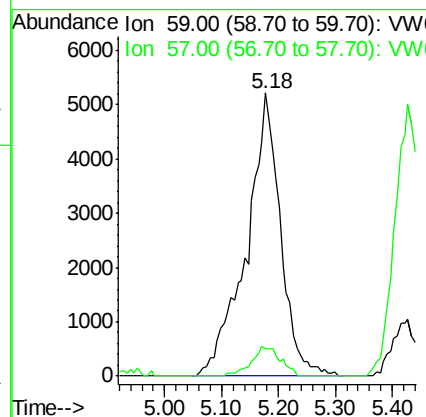
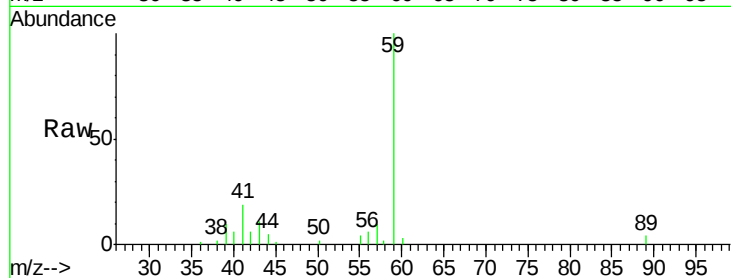


#11

Tert butyl alcohol
 Concen: 148.596 ug/l
 RT: 5.18 min Scan# 537
 Delta R.T. -0.05 min
 Lab File: VW016191.D
 Acq: 14 Aug 2020 14:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0814SBSD01

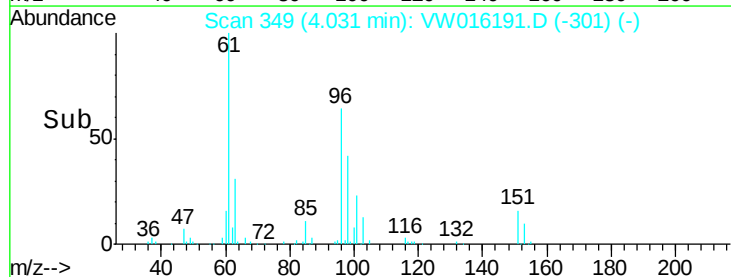
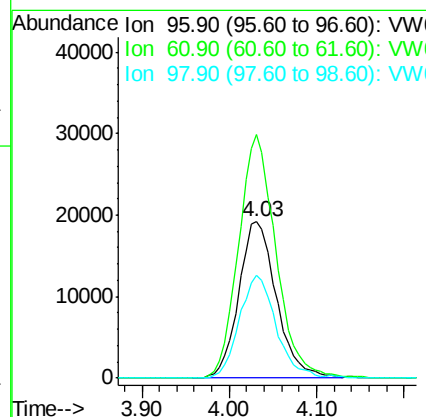
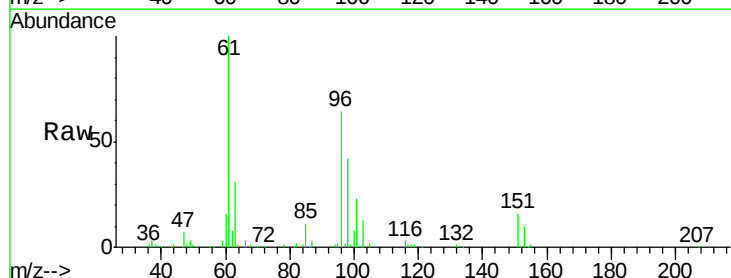
Tgt Ion: 59 Resp: 21641
 Ion Ratio Lower Upper
 59 100
 57 8.9 9.0 13.6#

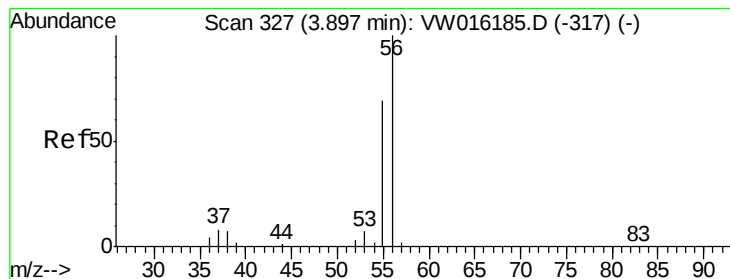


#12

1,1-Dichloroethene
 Concen: 18.721 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW016191.D
 Acq: 14 Aug 2020 14:49

Tgt Ion: 96 Resp: 57511
 Ion Ratio Lower Upper
 96 100
 61 155.6 119.5 179.3
 98 66.0 51.3 76.9





#13

Acrolein

Concen: 105.811 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW016191.D

Acq: 14 Aug 2020 14:49

Instrument :

MSVOA_W

ClientSampleId :

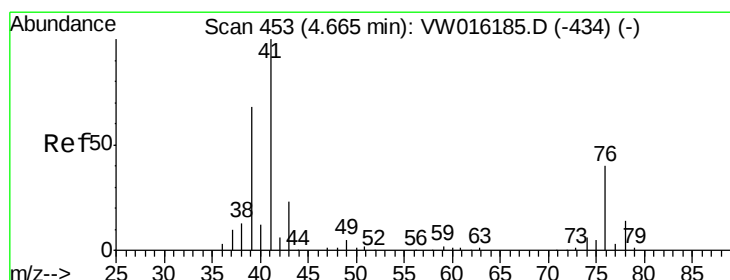
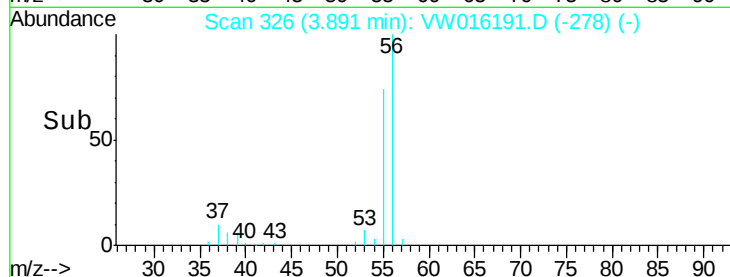
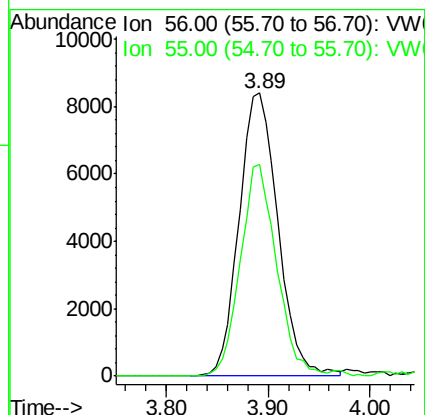
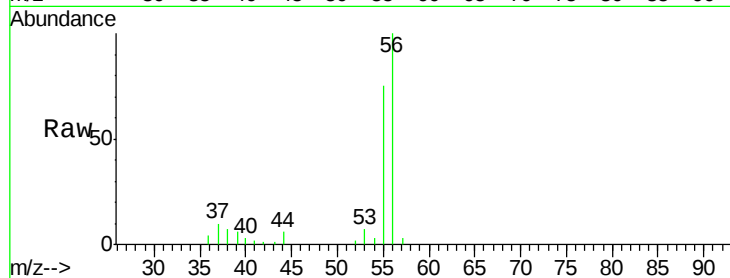
VW0814SBSD01

Tgt Ion: 56 Resp: 22260

Ion Ratio Lower Upper

56 100

55 69.7 55.0 82.6



#14

Allyl chloride

Concen: 19.070 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW016191.D

Acq: 14 Aug 2020 14:49

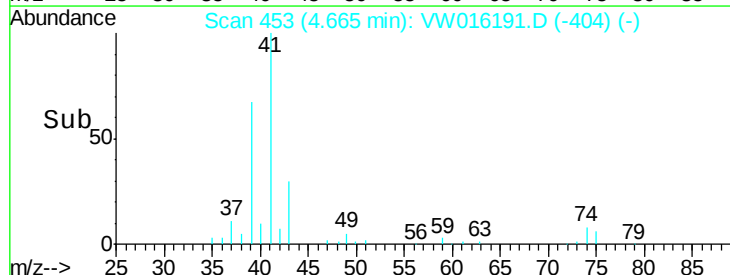
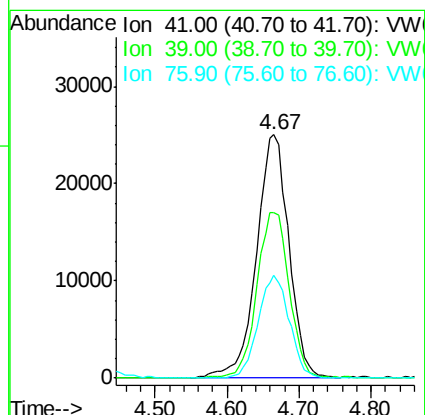
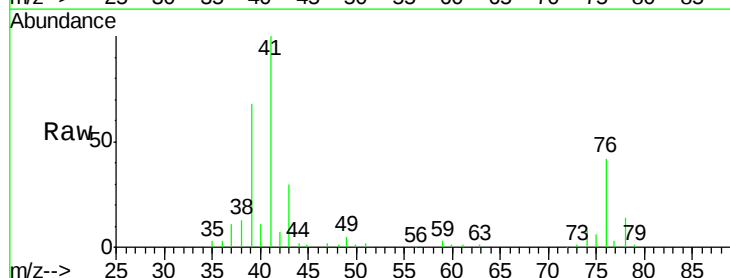
Tgt Ion: 41 Resp: 78496

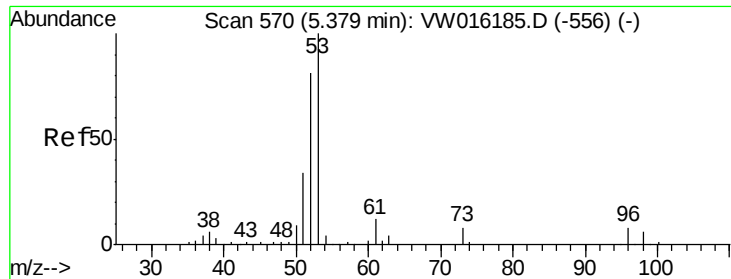
Ion Ratio Lower Upper

41 100

39 68.0 53.4 80.0

76 40.3 32.0 48.0





#15

Acrylonitrile

Concen: 104.266 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.01 min

Lab File: VW016191.D

Acq: 14 Aug 2020 14:49

Instrument :

MSVOA_W

ClientSampleId :

VW0814SBSD01

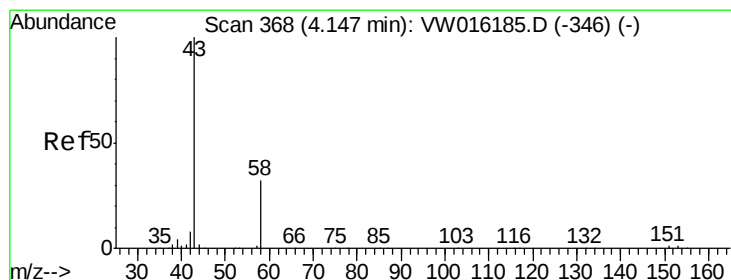
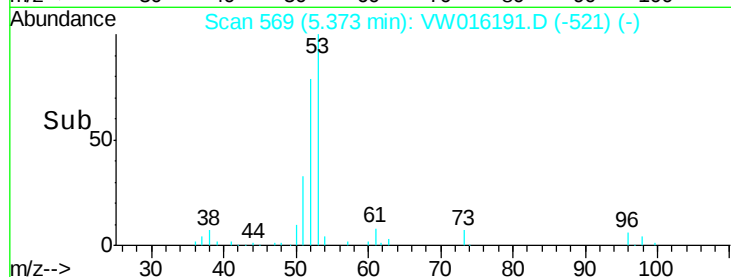
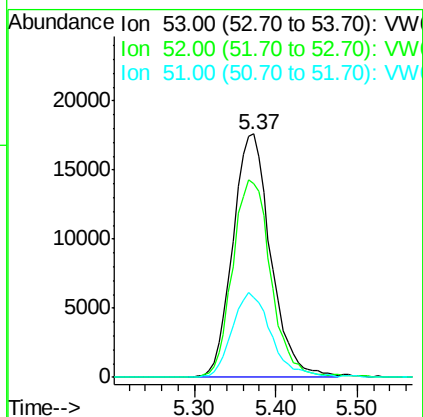
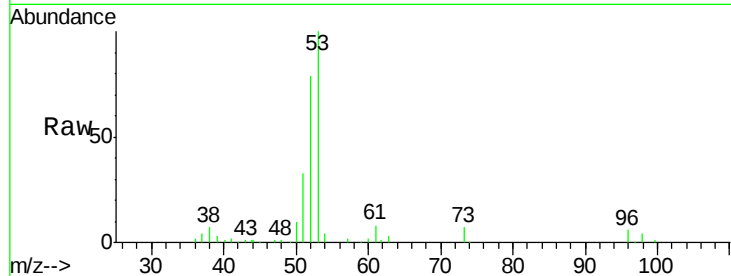
Tgt Ion: 53 Resp: 56758

Ion Ratio Lower Upper

53 100

52 81.2 65.3 97.9

51 35.9 29.0 43.4



#16

Acetone

Concen: 99.545 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.02 min

Lab File: VW016191.D

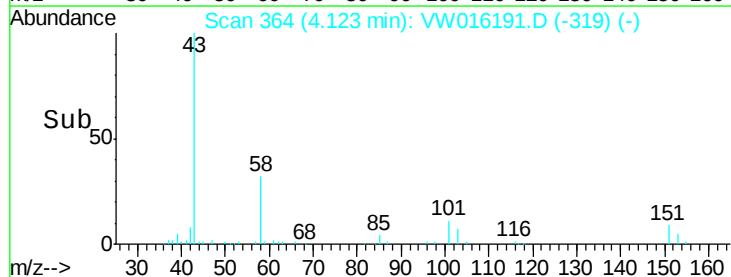
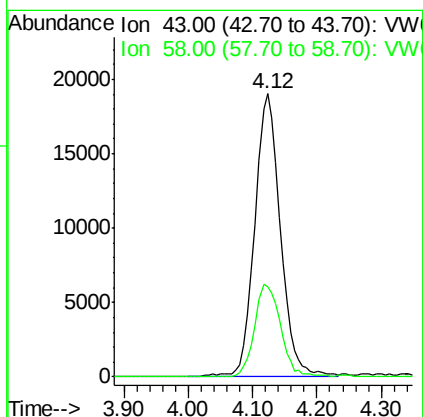
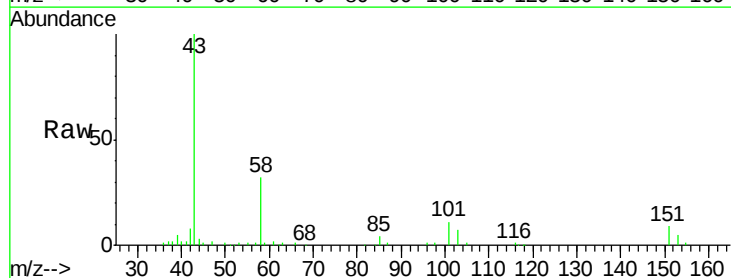
Acq: 14 Aug 2020 14:49

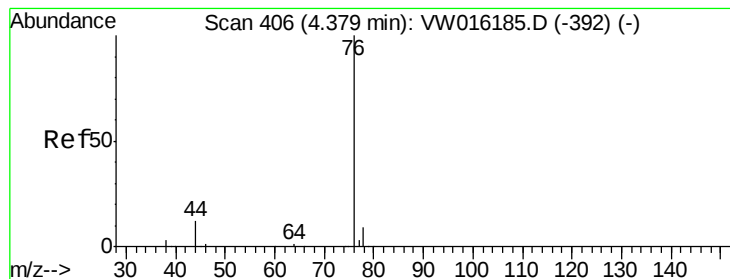
Tgt Ion: 43 Resp: 52183

Ion Ratio Lower Upper

43 100

58 31.9 25.8 38.6





#17

Carbon Disulfide

Concen: 18.757 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW016191.D

Acq: 14 Aug 2020 14:49

Instrument :

MSVOA_W

ClientSampleId :

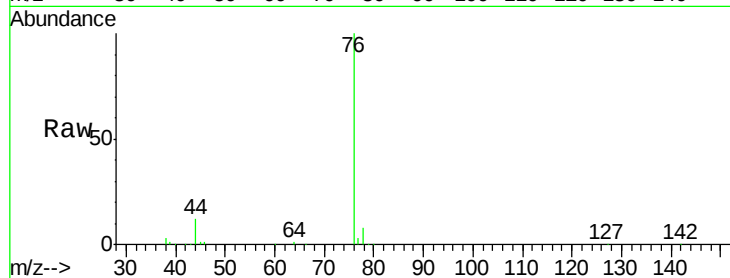
VW0814SBSD01

Tgt Ion: 76 Resp: 169190

Ion Ratio Lower Upper

76 100

78 8.5 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.37

60000

50000

40000

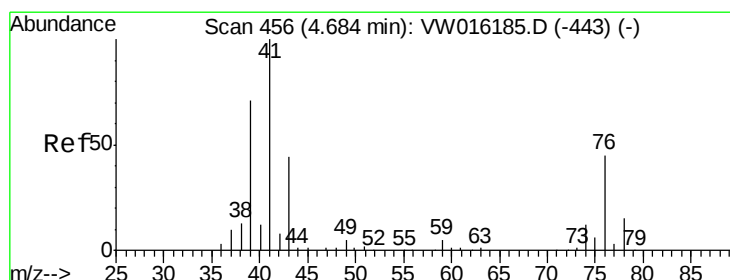
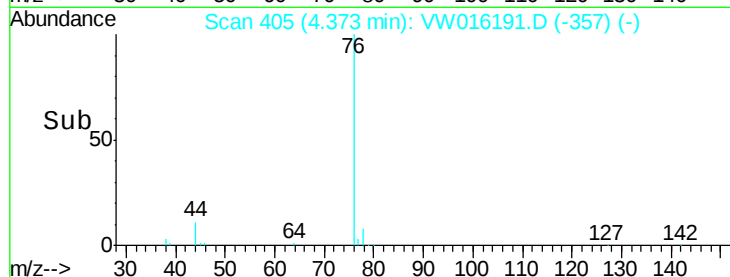
30000

20000

10000

0

Time-->



#18

Methyl Acetate

Concen: 20.229 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.01 min

Lab File: VW016191.D

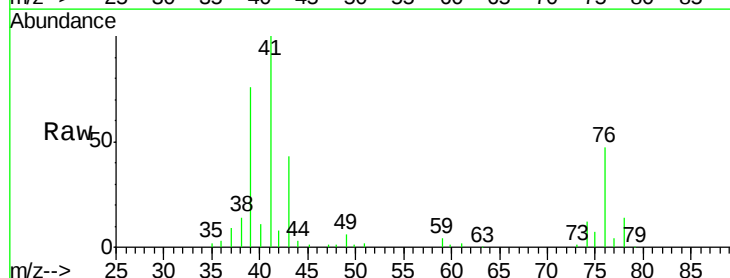
Acq: 14 Aug 2020 14:49

Tgt Ion: 43 Resp: 24694

Ion Ratio Lower Upper

43 100

74 27.0 20.6 31.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.68

8000

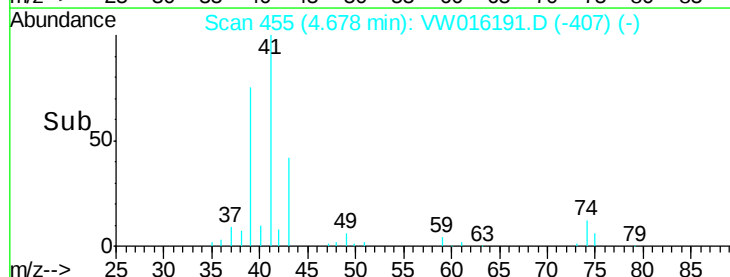
6000

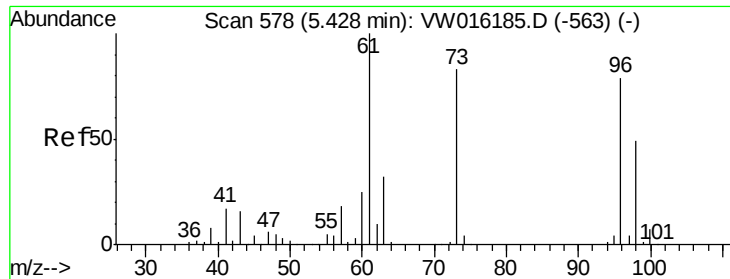
4000

2000

0

Time-->

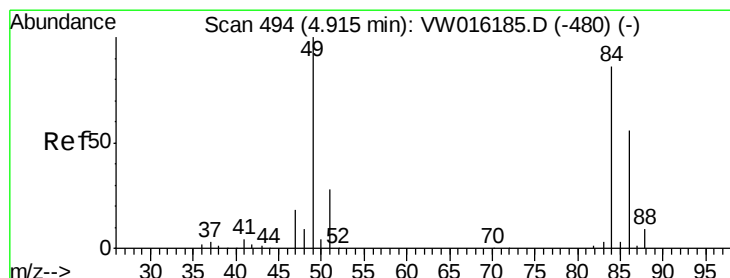
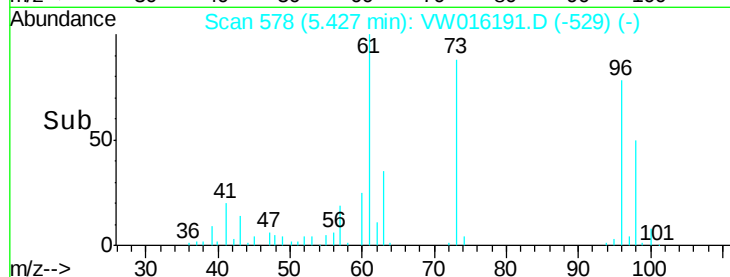
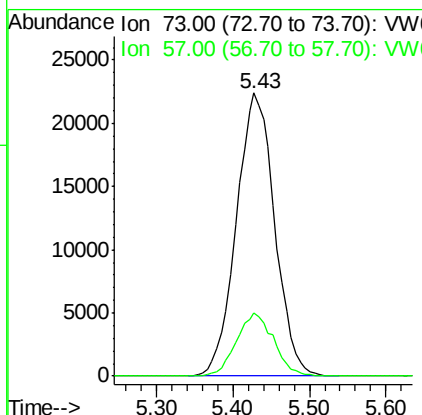
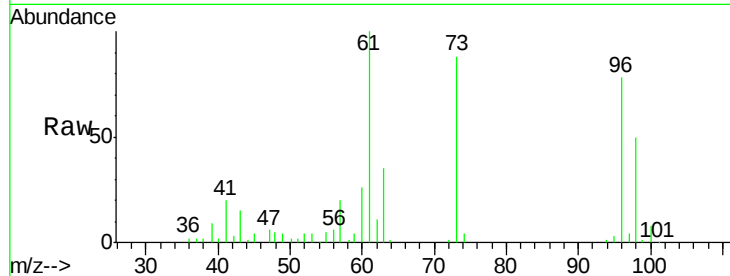




#19
Methyl tert-butyl Ether
Concen: 20.581 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW016191.D
Acq: 14 Aug 2020 14:49

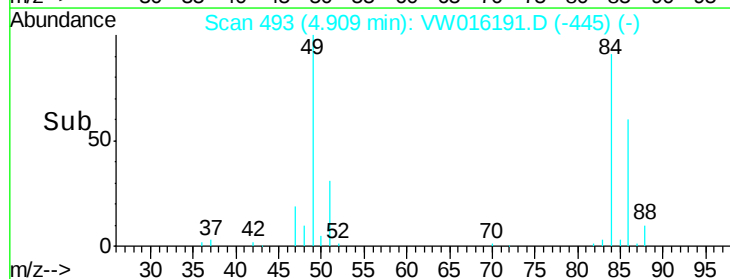
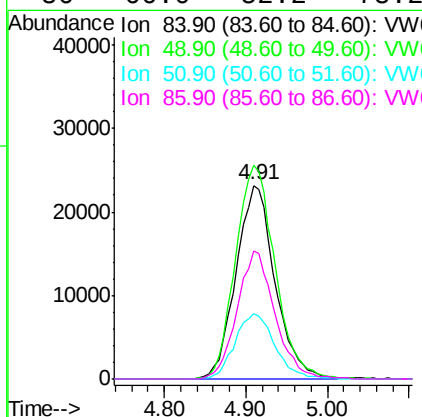
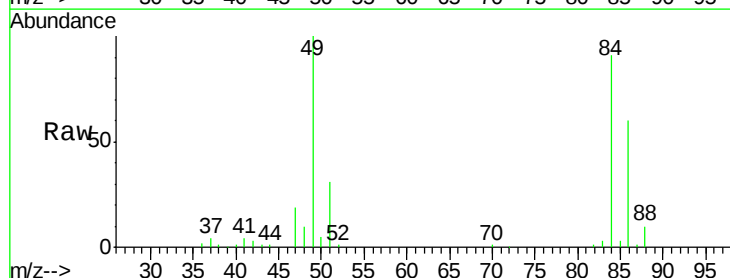
Instrument :
MSVOA_W
ClientSampleId :
VW0814SBSD01

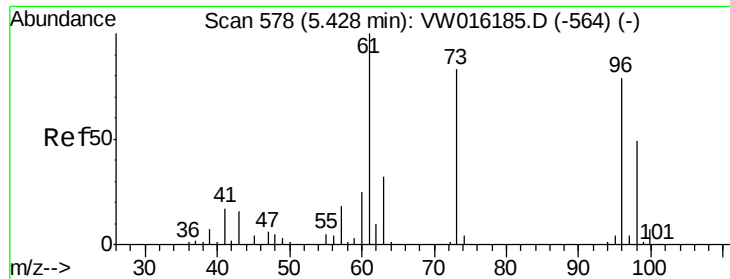
Tgt Ion: 73 Resp: 77851
Ion Ratio Lower Upper
73 100
57 22.4 17.2 25.8



#20
Methylene Chloride
Concen: 20.709 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW016191.D
Acq: 14 Aug 2020 14:49

Tgt Ion: 84 Resp: 76863
Ion Ratio Lower Upper
84 100
49 110.3 93.4 140.2
51 33.9 26.6 40.0
86 66.0 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 18.838 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.01 min

Lab File: VW016191.D

Acq: 14 Aug 2020 14:49

Instrument :

MSVOA_W

ClientSampleId :

VW0814SBSD01

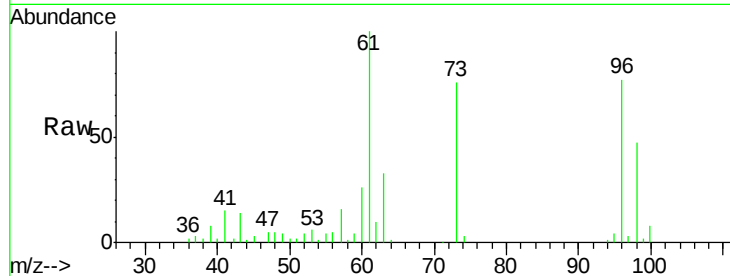
Tgt Ion: 96 Resp: 63022

Ion Ratio Lower Upper

96 100

61 130.7 101.4 152.0

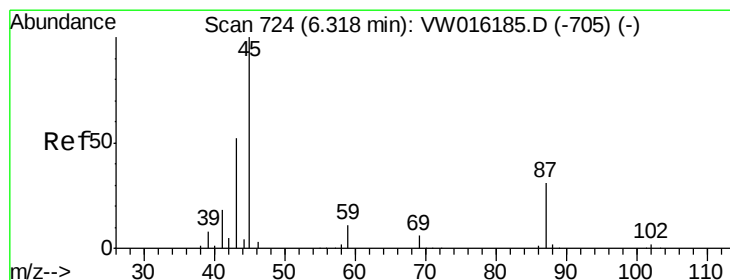
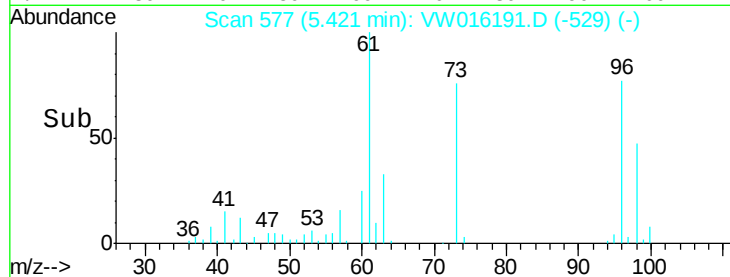
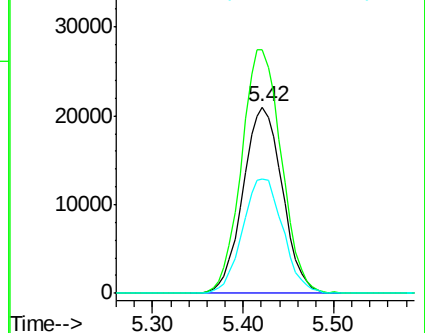
98 61.4 49.4 74.0



Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 19.911 ug/l

RT: 6.32 min Scan# 724

Delta R.T. -0.00 min

Lab File: VW016191.D

Acq: 14 Aug 2020 14:49

Tgt Ion: 45 Resp: 154504

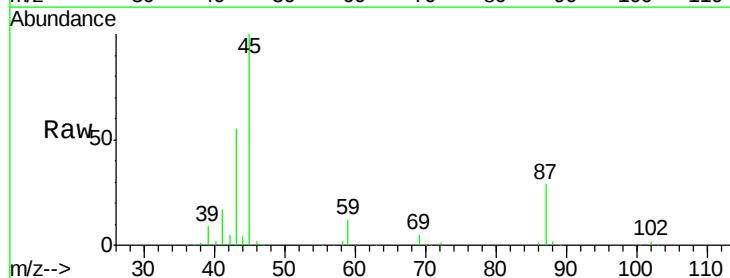
Ion Ratio Lower Upper

45 100

43 54.3 41.7 62.5

87 28.9 25.0 37.6

59 12.0 9.2 13.8

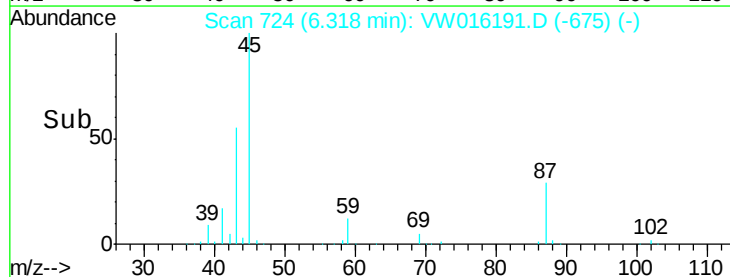
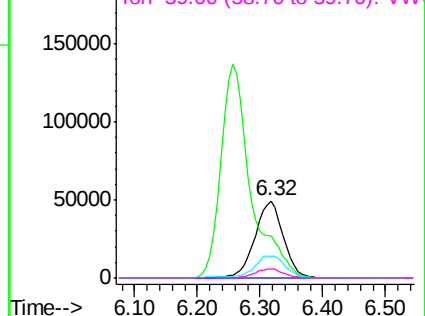


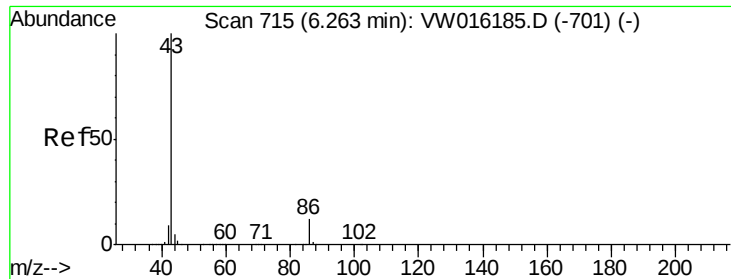
Abundance Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW

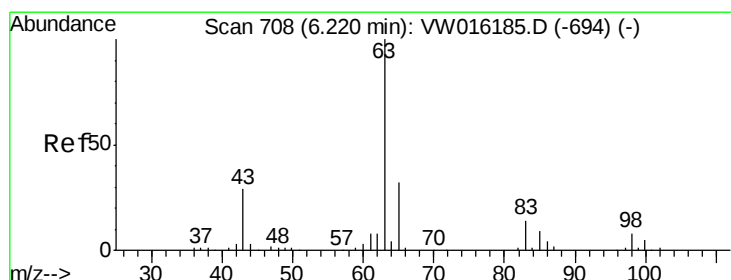
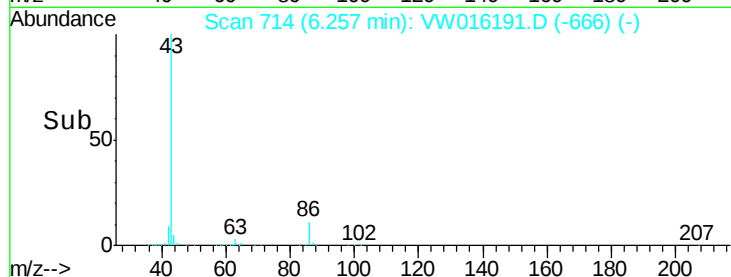
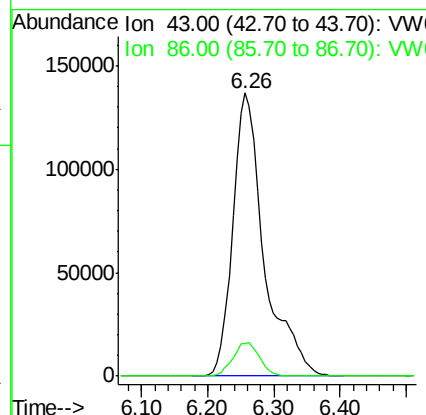
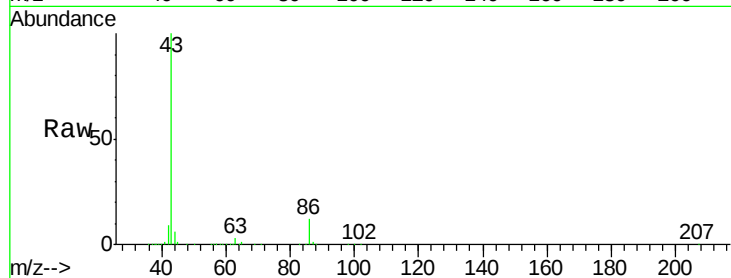




#23
 Vinyl Acetate
 Concen: 101.375 ug/l
 RT: 6.26 min Scan# 714
 Delta R.T. -0.01 min
 Lab File: VW016191.D
 Acq: 14 Aug 2020 14:49

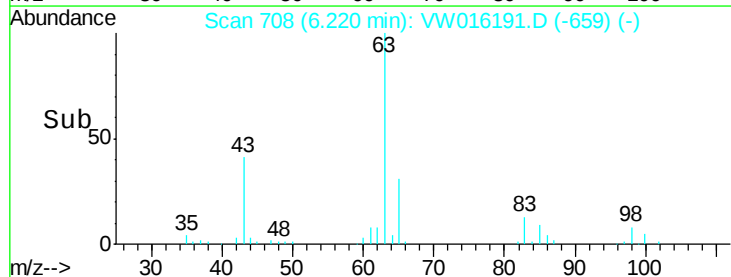
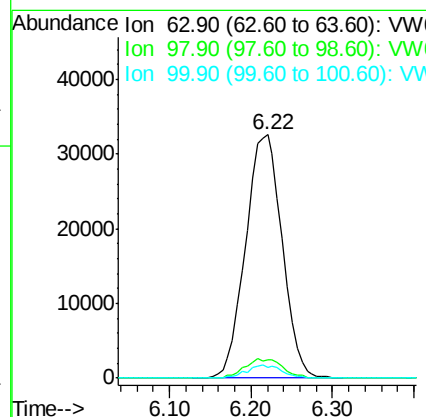
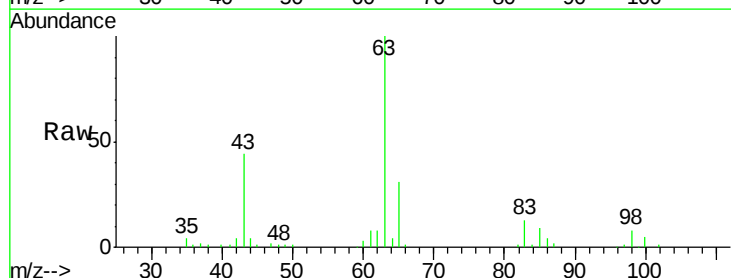
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0814SBSD01

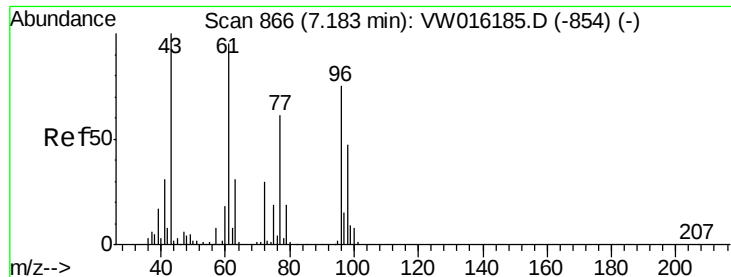
Tgt Ion: 43 Resp: 450432
 Ion Ratio Lower Upper
 43 100
 86 11.5 9.8 14.8



#24
 1,1-Dichloroethane
 Concen: 18.760 ug/l
 RT: 6.22 min Scan# 708
 Delta R.T. -0.00 min
 Lab File: VW016191.D
 Acq: 14 Aug 2020 14:49

Tgt Ion: 63 Resp: 101604
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.9 11.7
 100 4.6 2.6 8.0

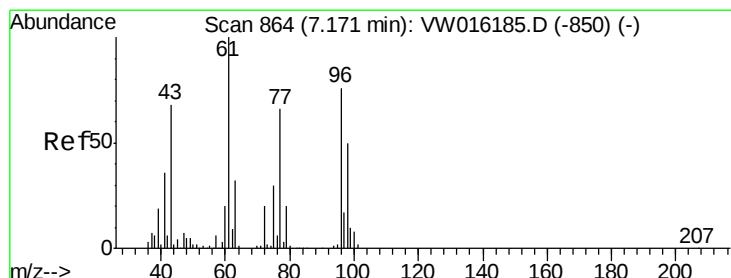
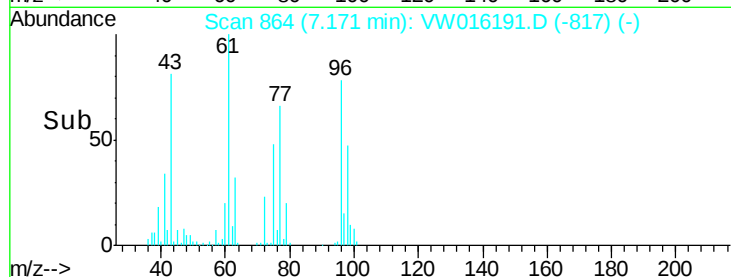
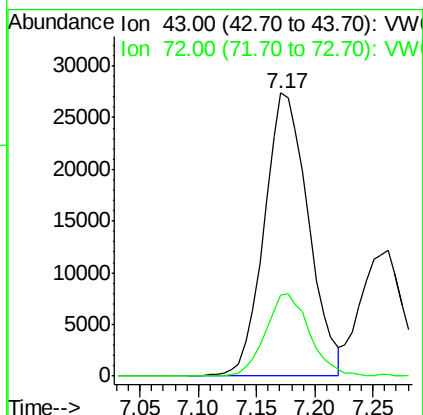
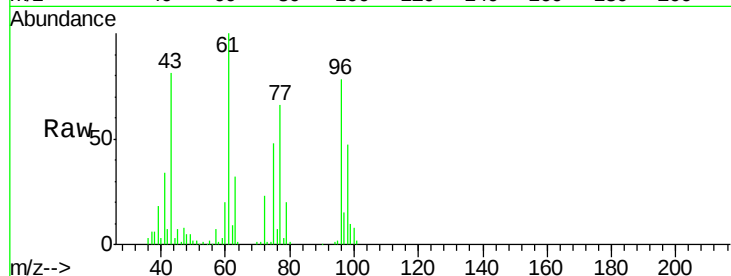




#25
2-Butanone
Concen: 102.636 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: VW016191.D
Acq: 14 Aug 2020 14:49

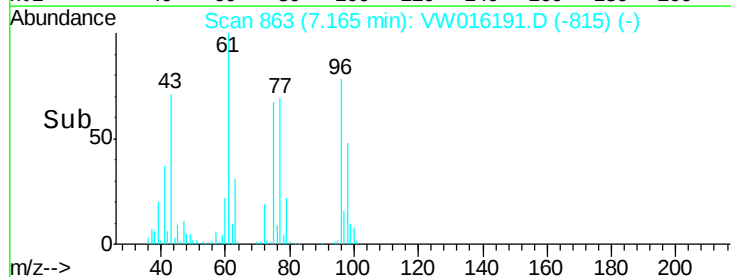
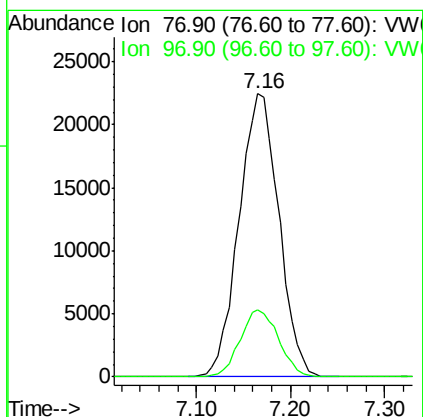
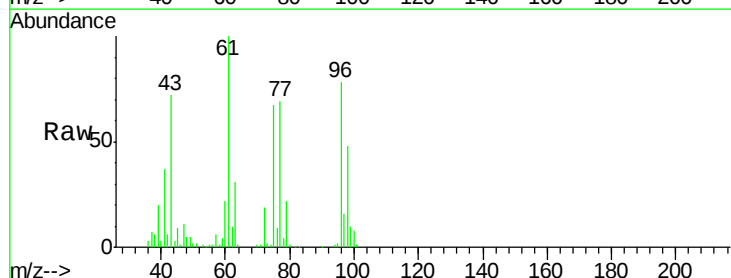
Instrument :
MSVOA_W
ClientSampleId :
VW0814SBS01

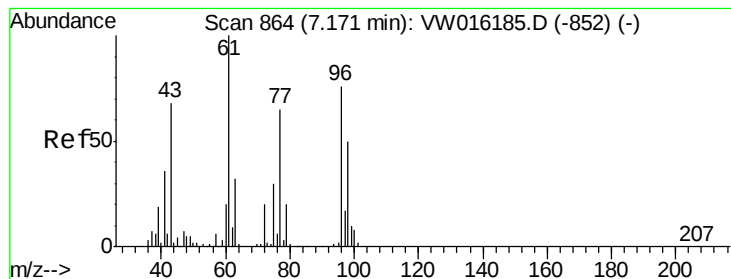
Tgt Ion: 43 Resp: 72106
Ion Ratio Lower Upper
43 100
72 28.9 24.2 36.2



#26
2,2-Dichloropropane
Concen: 19.000 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW016191.D
Acq: 14 Aug 2020 14:49

Tgt Ion: 77 Resp: 66471
Ion Ratio Lower Upper
77 100
97 22.8 12.1 36.3



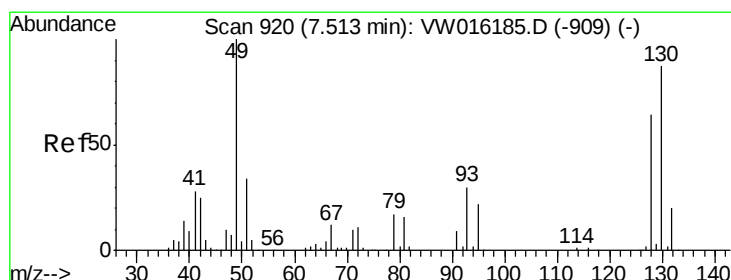
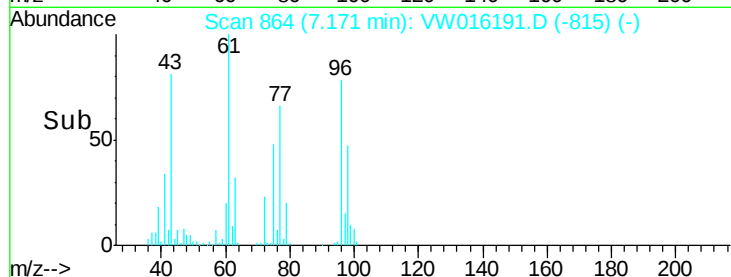
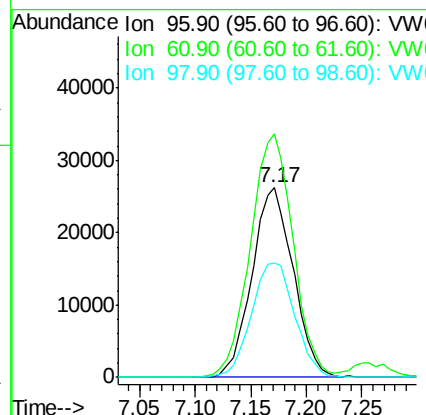
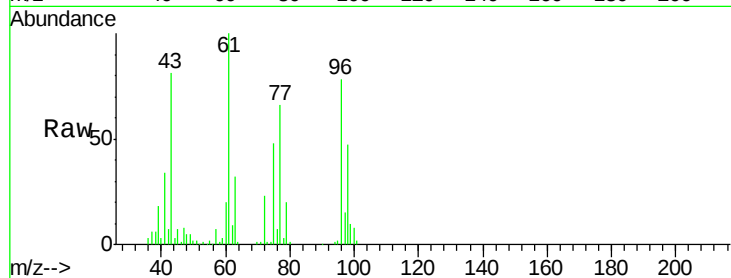


#27

cis-1,2-Dichloroethene
 Concen: 19.550 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: VW016191.D
 Acq: 14 Aug 2020 14:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0814SBSD01

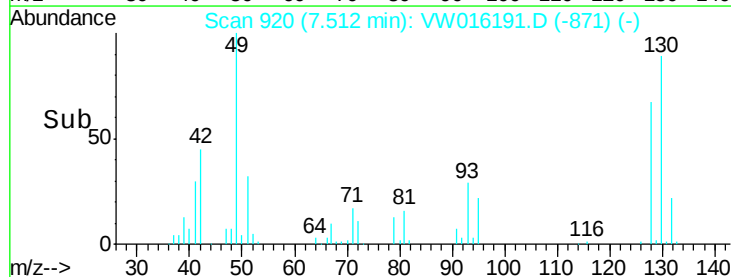
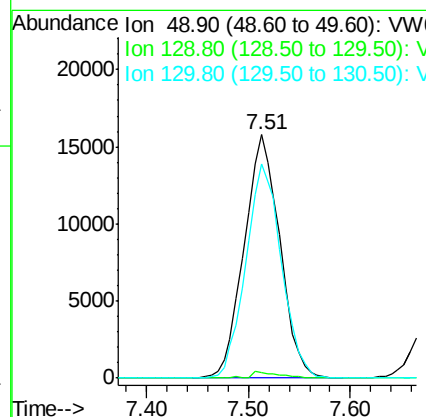
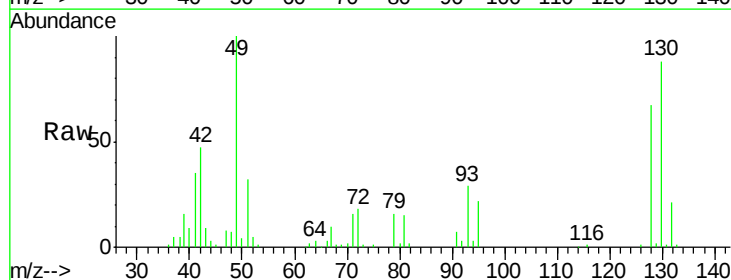
Tgt Ion: 96 Resp: 67509
 Ion Ratio Lower Upper
 96 100
 61 133.1 0.0 267.0
 98 63.5 0.0 129.6

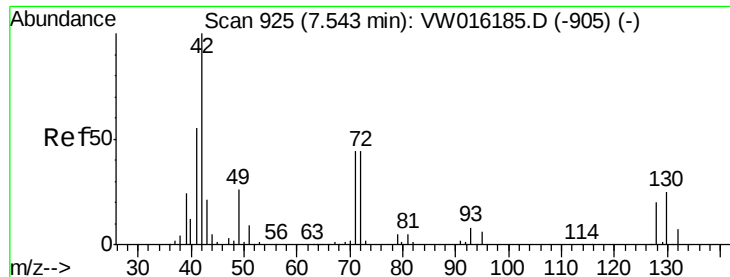


#28

Bromochloromethane
 Concen: 18.628 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VW016191.D
 Acq: 14 Aug 2020 14:49

Tgt Ion: 49 Resp: 38276
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.2
 130 88.0 69.9 104.9

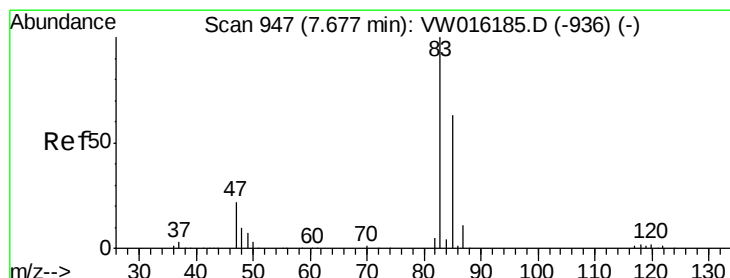
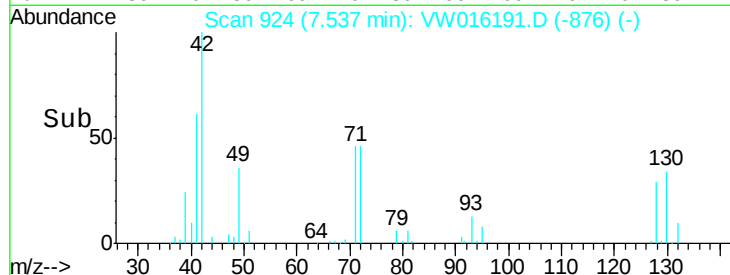
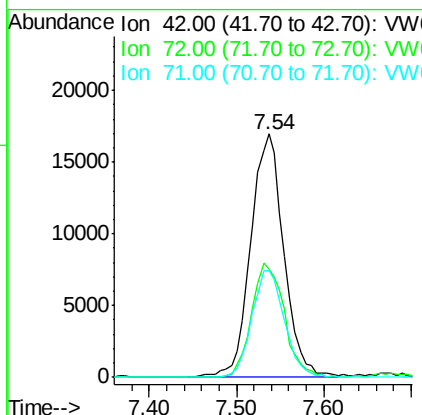
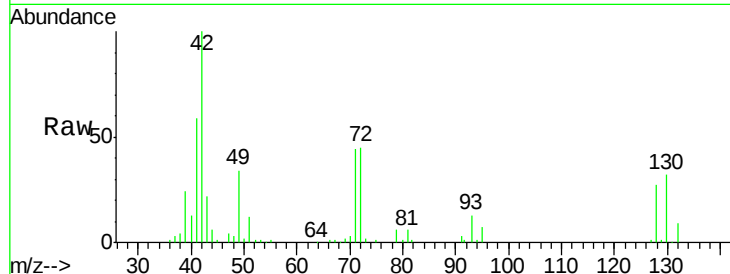




#29
Tetrahydrofuran
Concen: 106.364 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.01 min
Lab File: VW016191.D
Acq: 14 Aug 2020 14:49

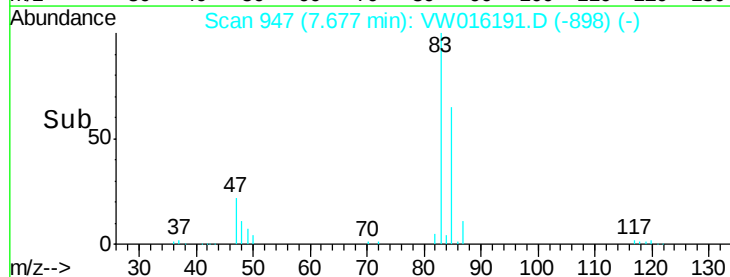
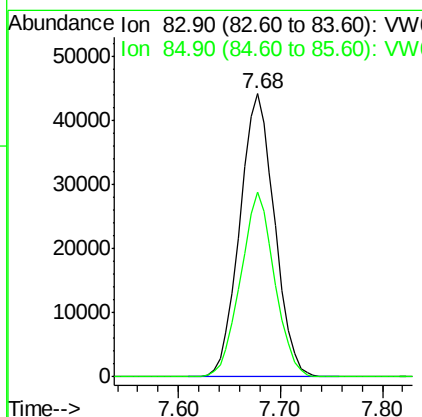
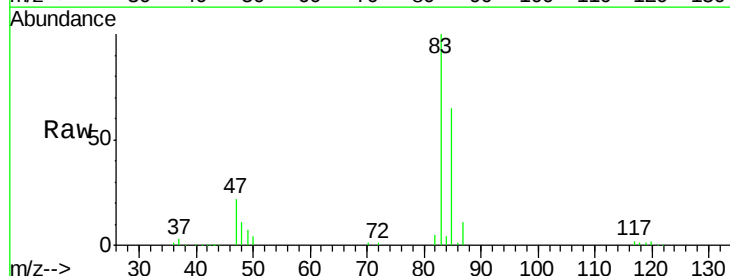
Instrument :
MSVOA_W
ClientSampleId :
VW0814SBSD01

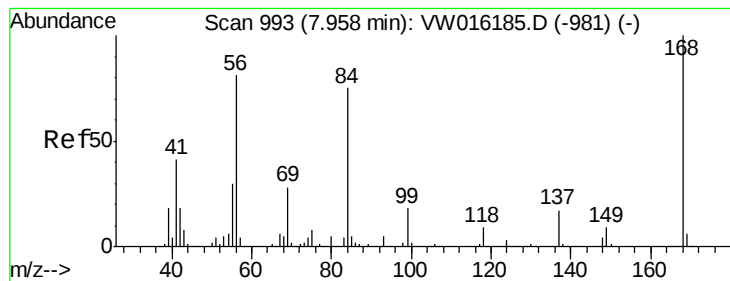
Tgt Ion: 42 Resp: 44668
Ion Ratio Lower Upper
42 100
72 46.7 37.4 56.2
71 43.2 35.6 53.4



#30
Chloroform
Concen: 18.573 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW016191.D
Acq: 14 Aug 2020 14:49

Tgt Ion: 83 Resp: 104514
Ion Ratio Lower Upper
83 100
85 65.1 50.0 75.0





#31

Cyclohexane

Concen: 19.296 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW016191.D

Acq: 14 Aug 2020 14:49

Instrument :

MSVOA_W

ClientSampleId :

VW0814SBSD01

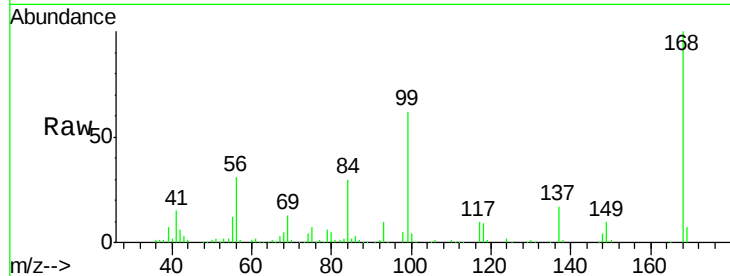
Tgt Ion: 56 Resp: 96360

Ion Ratio Lower Upper

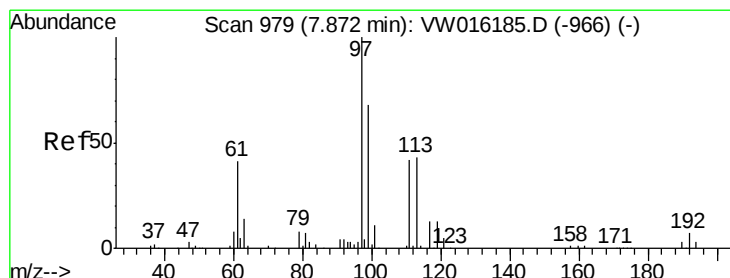
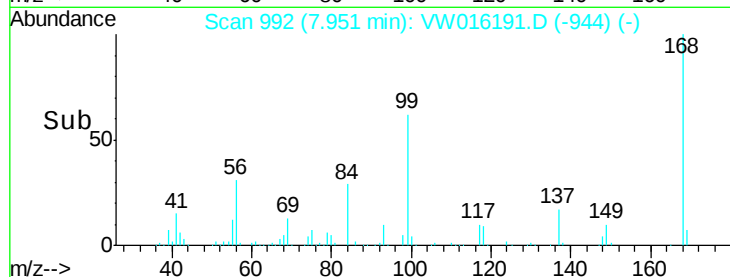
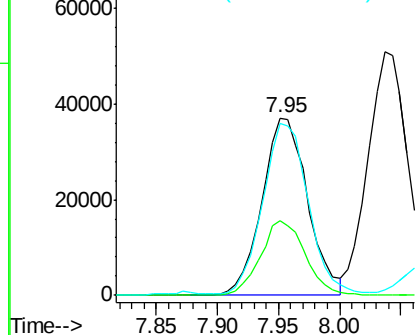
56 100

69 42.4 27.3 40.9#

84 95.1 73.5 110.3



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



#32

1,1,1-Trichloroethane

Concen: 18.895 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW016191.D

Acq: 14 Aug 2020 14:49

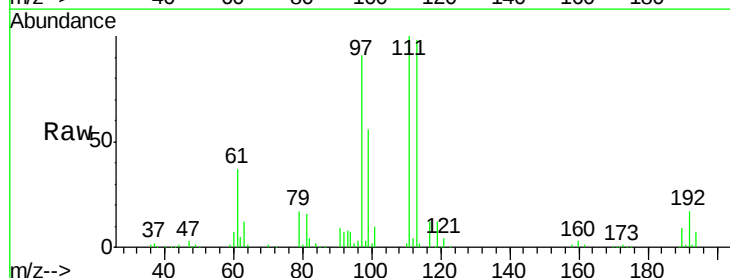
Tgt Ion: 97 Resp: 89329

Ion Ratio Lower Upper

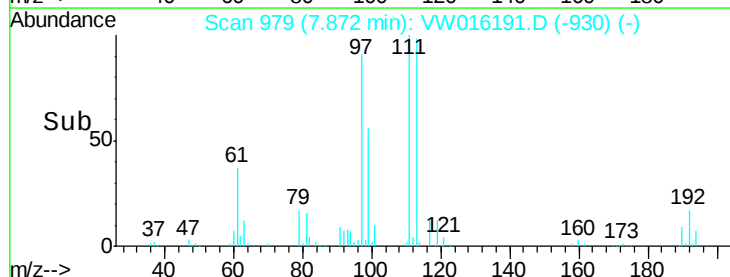
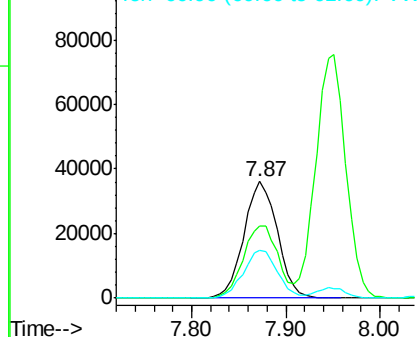
97 100

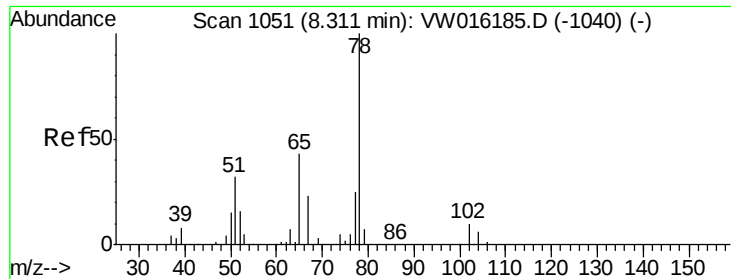
99 65.1 51.3 76.9

61 41.5 33.2 49.8



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





#33

1,2-Dichloroethane-d4

Concen: 48.521 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW016191.D

Acq: 14 Aug 2020 14:49

Instrument :

MSVOA_W

ClientSampleId :

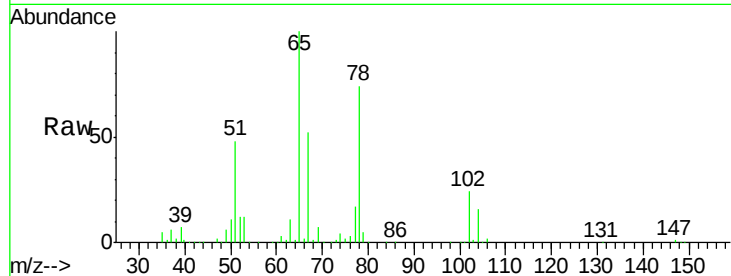
VW0814SBSD01

Tgt Ion: 65 Resp: 132775

Ion Ratio Lower Upper

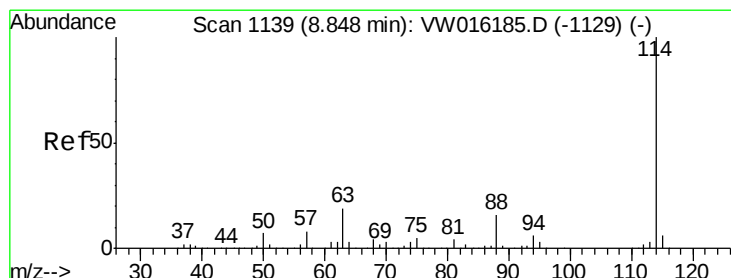
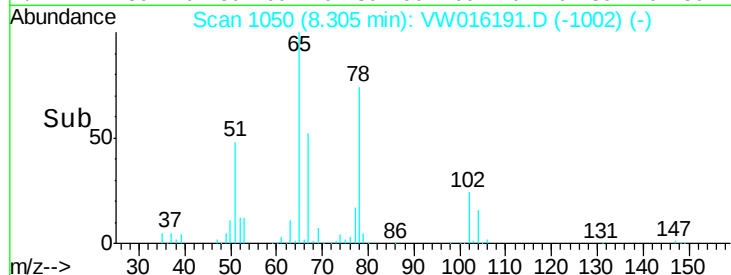
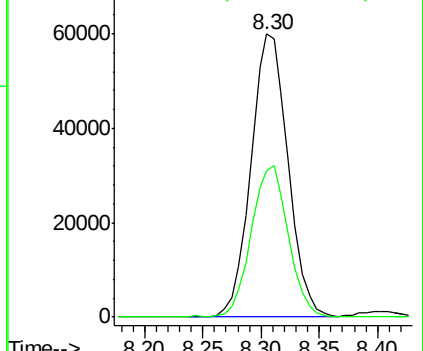
65 100

67 53.5 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VW016191.D

Acq: 14 Aug 2020 14:49

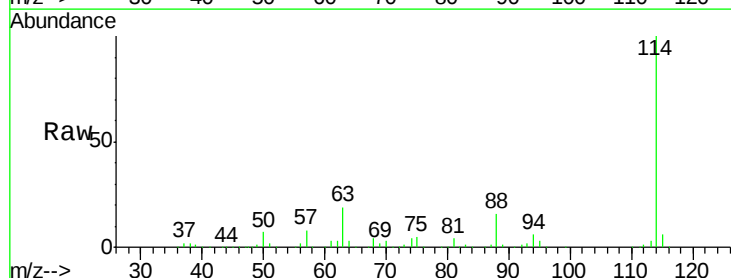
Tgt Ion: 114 Resp: 453375

Ion Ratio Lower Upper

114 100

63 19.0 0.0 38.4

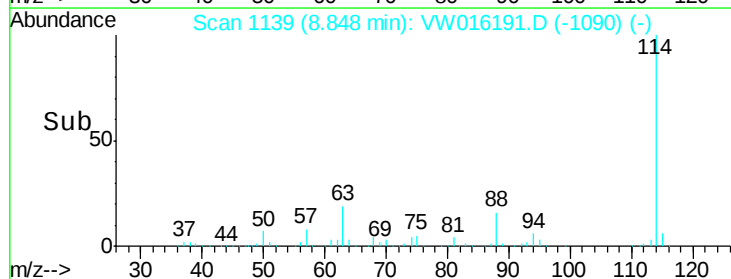
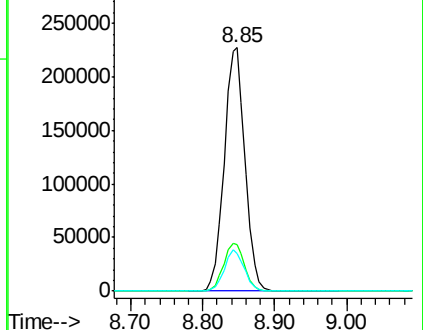
88 15.6 0.0 32.8

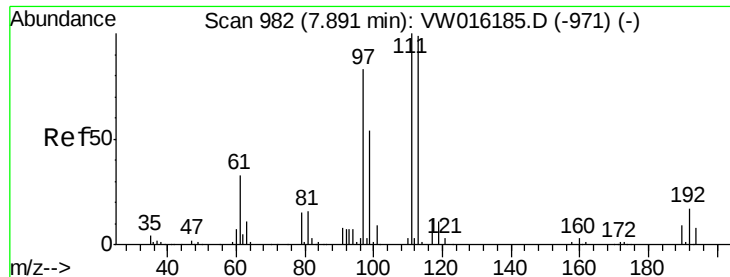


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

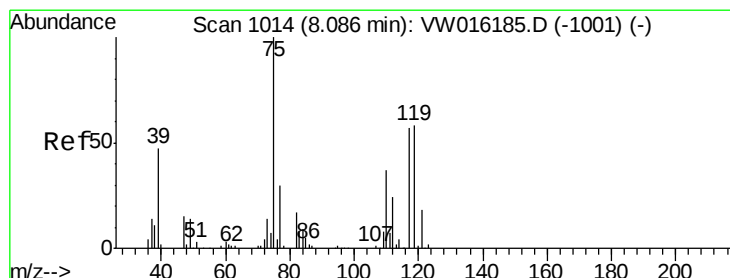
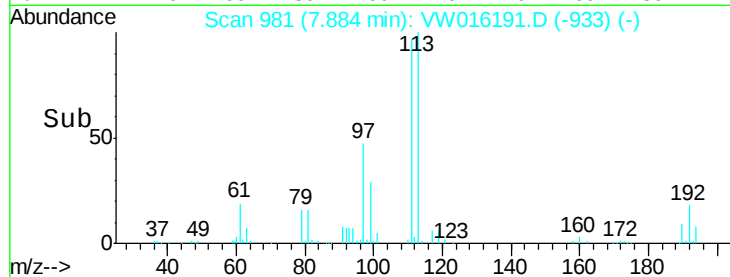
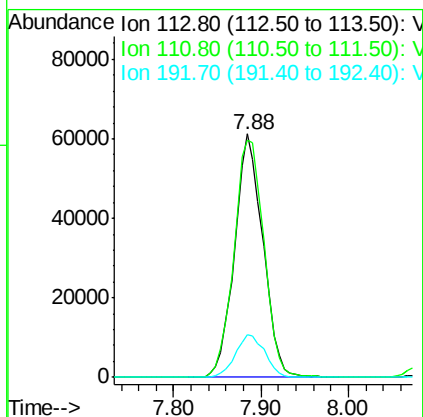
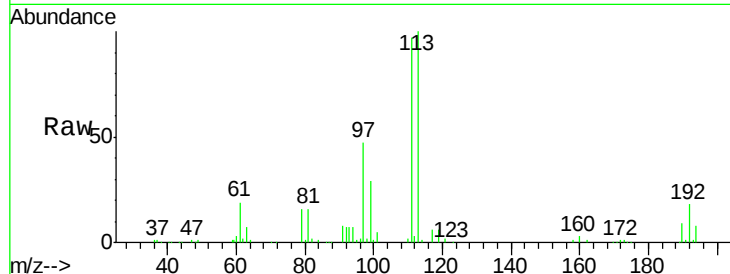




#35
 Dibromofluoromethane
 Concen: 49.290 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW016191.D
 Acq: 14 Aug 2020 14:49

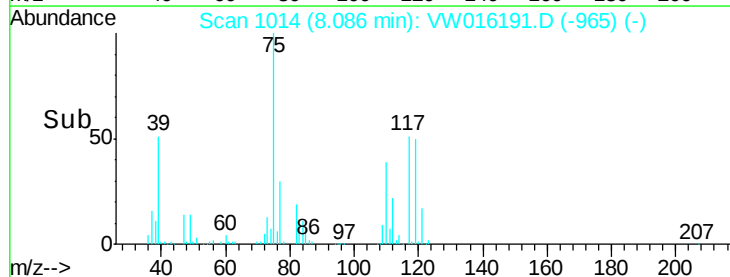
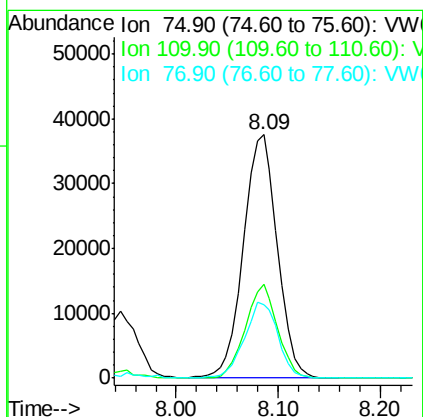
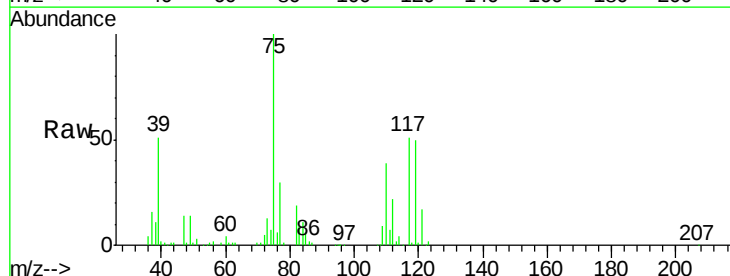
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0814SBSD01

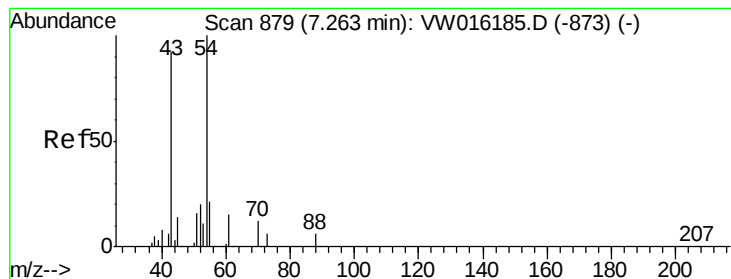
Tgt Ion: 113 Resp: 137883
 Ion Ratio Lower Upper
 113 100
 111 103.3 83.5 125.3
 192 18.2 14.3 21.5



#36
 1,1-Dichloropropene
 Concen: 19.406 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VW016191.D
 Acq: 14 Aug 2020 14:49

Tgt Ion: 75 Resp: 86672
 Ion Ratio Lower Upper
 75 100
 110 36.5 18.1 54.3
 77 30.9 24.7 37.1





#37

Ethyl Acetate

Concen: 21.287 ug/l

RT: 7.26 min Scan# 879

Delta R.T. -0.00 min

Lab File: VW016191.D

Acq: 14 Aug 2020 14:49

Instrument :

MSVOA_W

ClientSampleId :

VW0814SBSD01

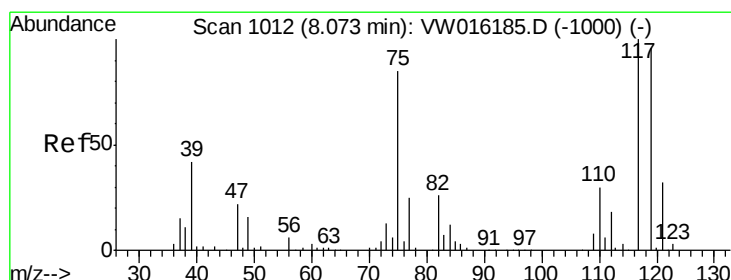
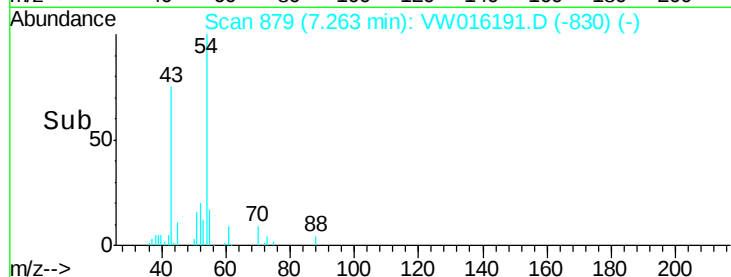
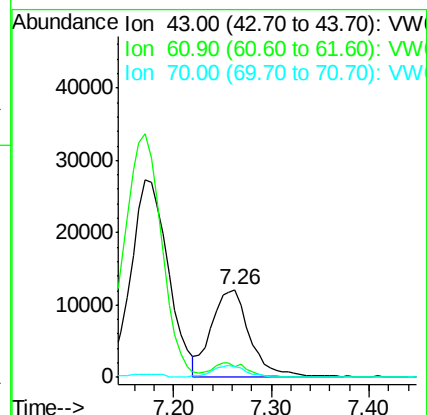
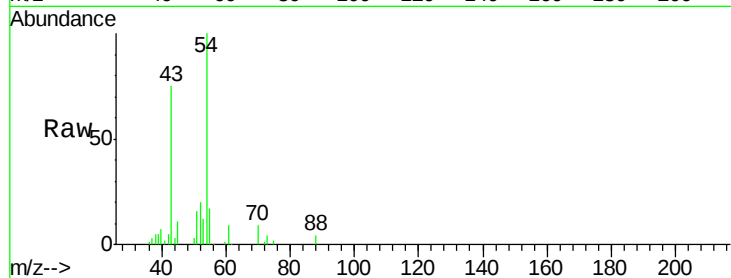
Tgt Ion: 43 Resp: 32597

Ion Ratio Lower Upper

43 100

61 15.5 12.6 18.8

70 12.1 9.8 14.8



#38

Carbon Tetrachloride

Concen: 18.933 ug/l

RT: 8.07 min Scan# 1011

Delta R.T. -0.01 min

Lab File: VW016191.D

Acq: 14 Aug 2020 14:49

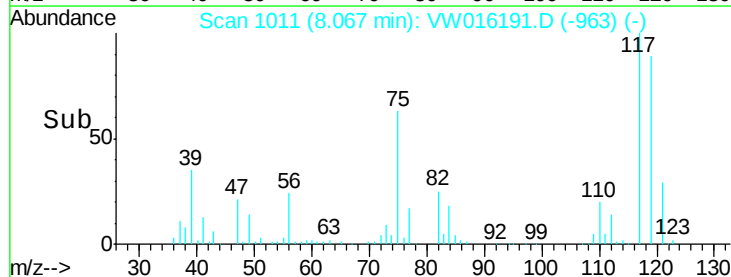
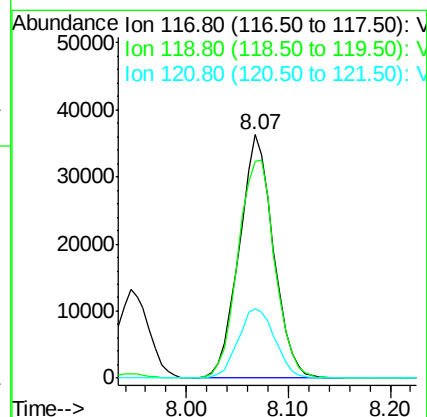
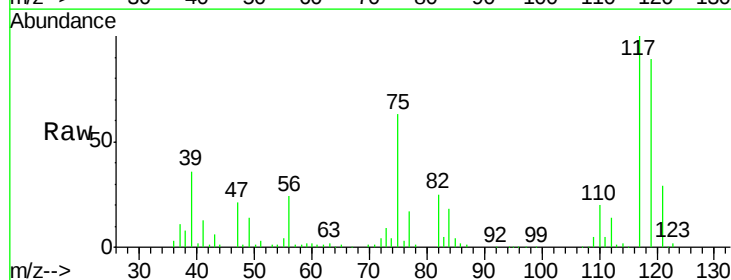
Tgt Ion: 117 Resp: 84387

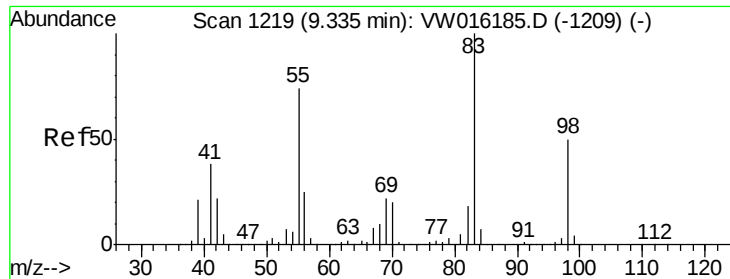
Ion Ratio Lower Upper

117 100

119 89.2 76.6 115.0

121 28.6 25.4 38.0

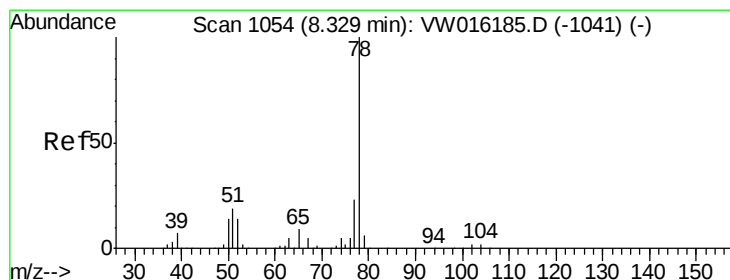
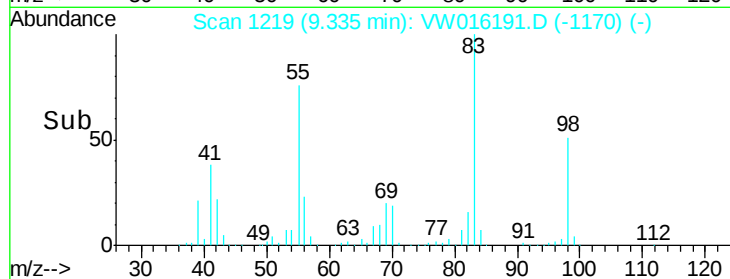
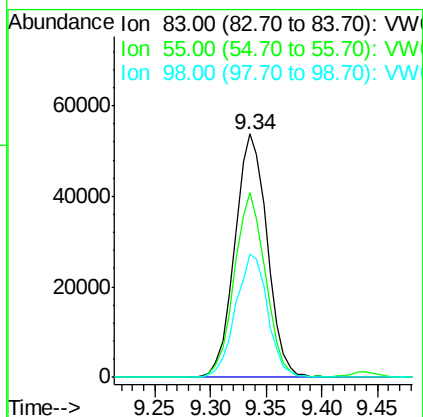
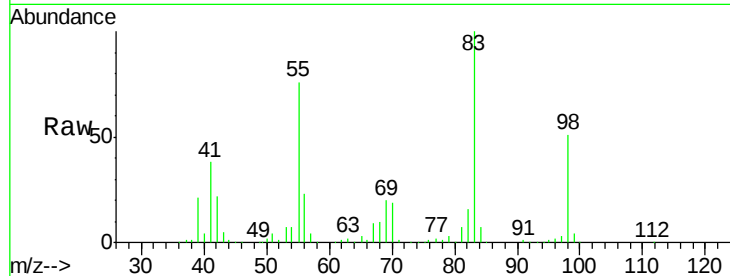




#39
Methylcyclohexane
Concen: 20.106 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW016191.D
Acq: 14 Aug 2020 14:49

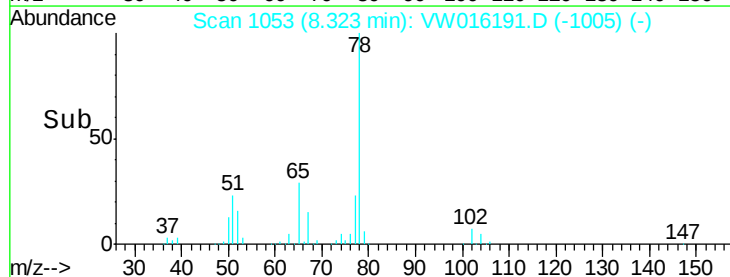
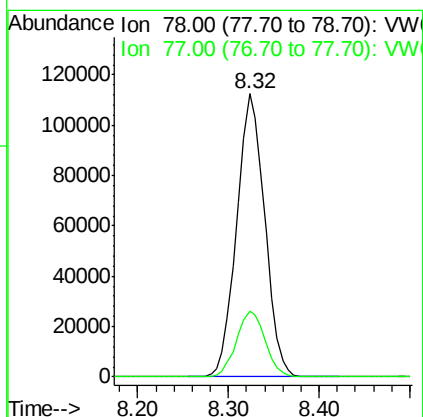
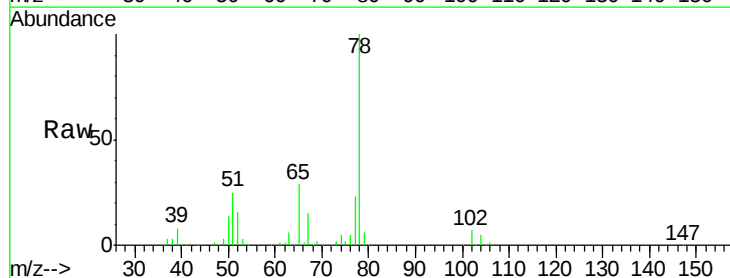
Instrument :
MSVOA_W
ClientSampleId :
VW0814SBSD01

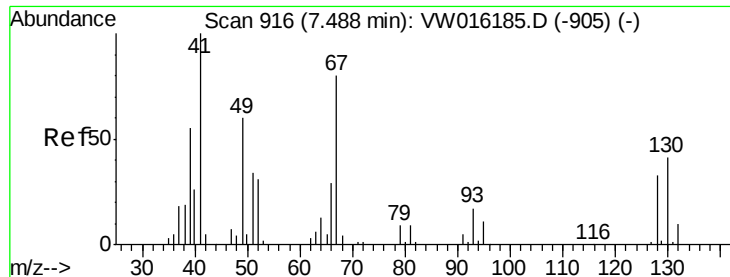
Tgt Ion: 83 Resp: 108168
Ion Ratio Lower Upper
83 100
55 75.7 59.2 88.8
98 50.8 40.2 60.2



#40
Benzene
Concen: 19.196 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW016191.D
Acq: 14 Aug 2020 14:49

Tgt Ion: 78 Resp: 241191
Ion Ratio Lower Upper
78 100
77 23.3 18.6 28.0

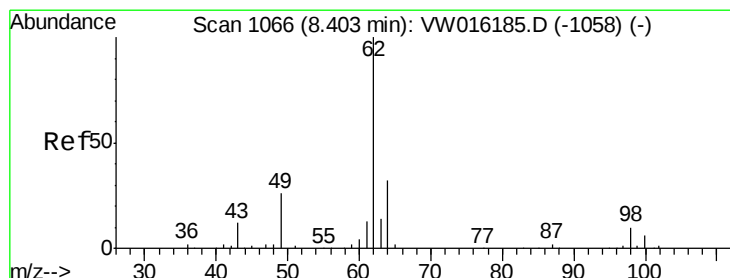
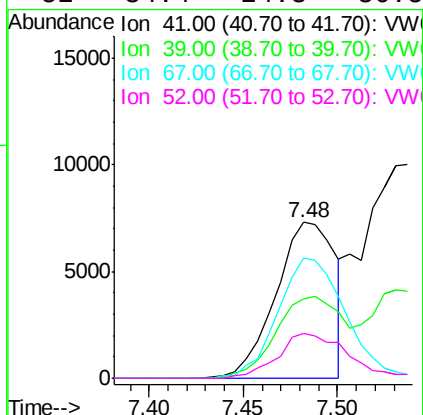
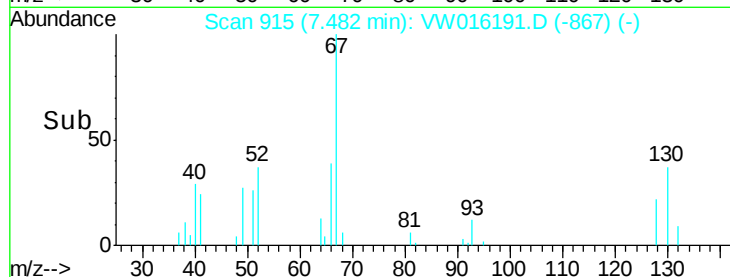
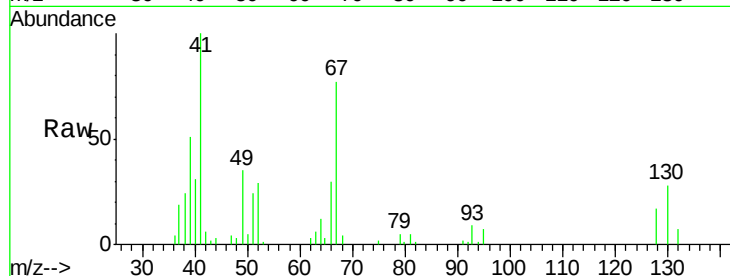




#41
Methacrylonitrile
Concen: 18.295 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.01 min
Lab File: VW016191.D
Acq: 14 Aug 2020 14:49

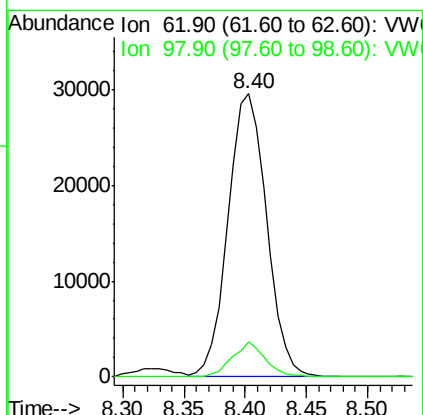
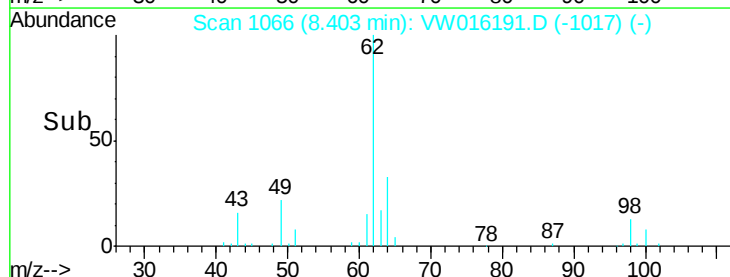
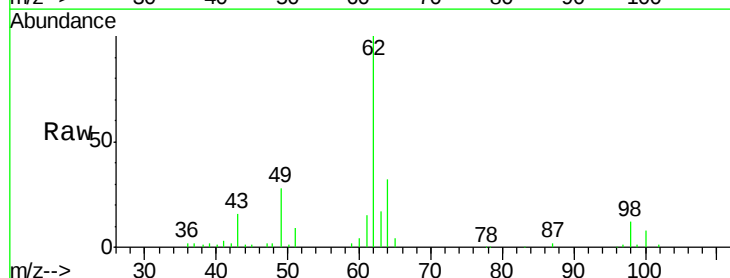
Instrument :
MSVOA_W
ClientSampleId :
VW0814SBSD01

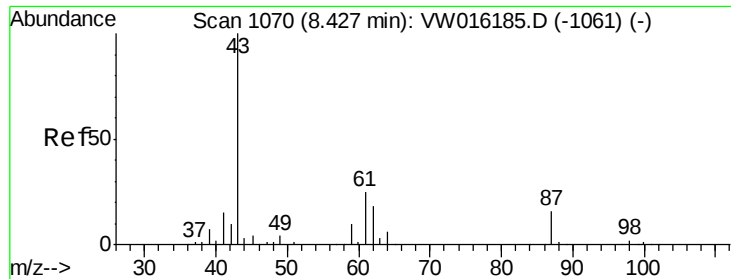
Tgt Ion:	41	Resp:	15989
Ion	Ratio	Lower	Upper
41	100		
39	58.6	43.4	65.2
67	88.1	61.5	92.3
52	34.4	24.3	36.5



#42
1,2-Dichloroethane
Concen: 19.494 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW016191.D
Acq: 14 Aug 2020 14:49

Tgt Ion:	62	Resp:	64689
Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	20.8





#43

Isopropyl Acetate

Concen: 20.875 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW016191.D

Acq: 14 Aug 2020 14:49

Instrument :

MSVOA_W

ClientSampleId :

VW0814SBSD01

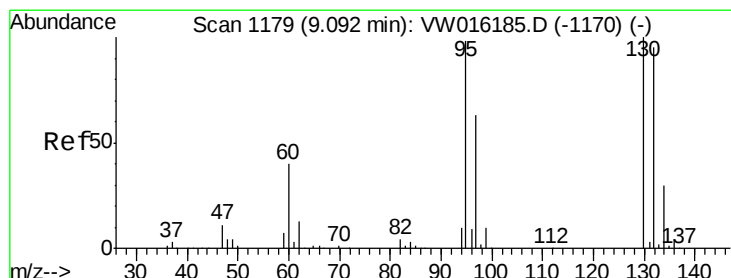
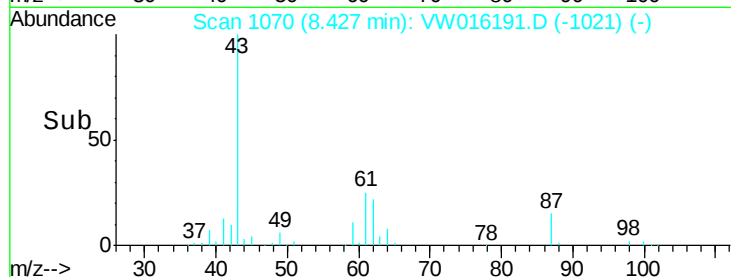
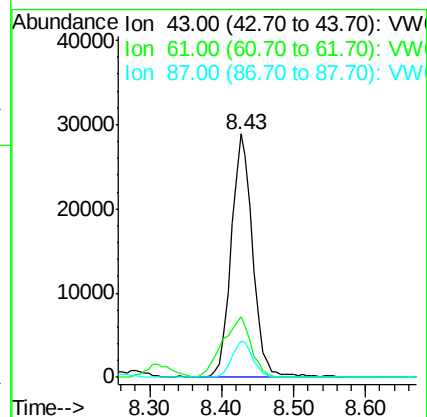
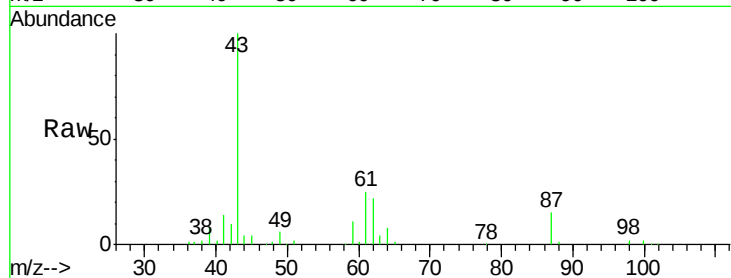
Tgt Ion: 43 Resp: 60140

Ion Ratio Lower Upper

43 100

61 32.7 26.9 40.3

87 14.5 12.0 18.0



#44

Trichloroethene

Concen: 18.756 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. 0.01 min

Lab File: VW016191.D

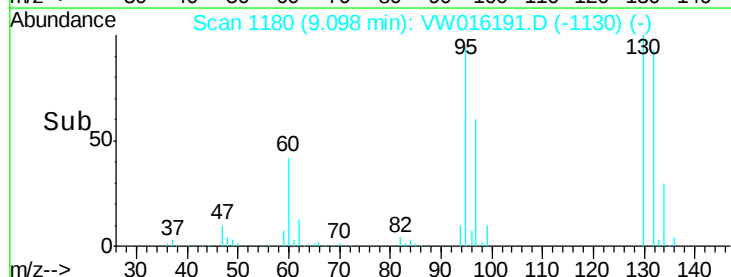
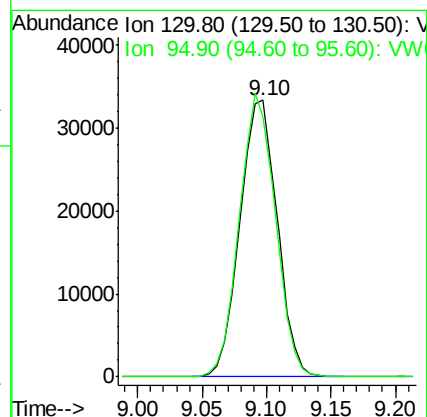
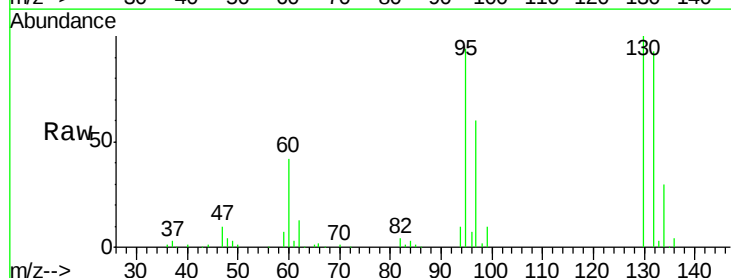
Acq: 14 Aug 2020 14:49

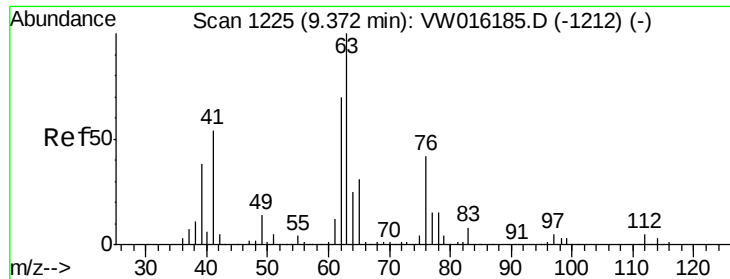
Tgt Ion: 130 Resp: 66746

Ion Ratio Lower Upper

130 100

95 94.1 0.0 196.4

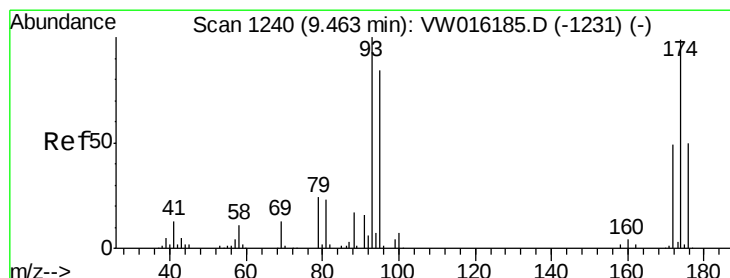
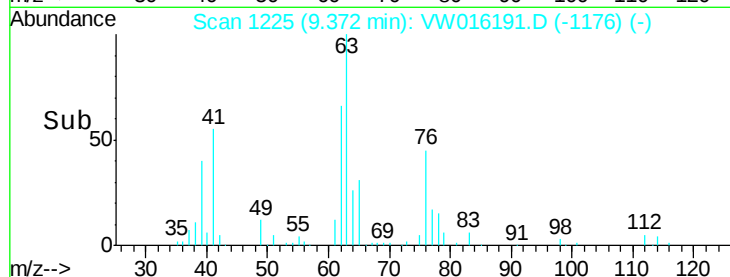
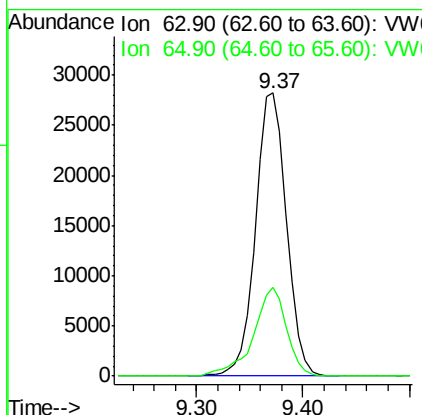
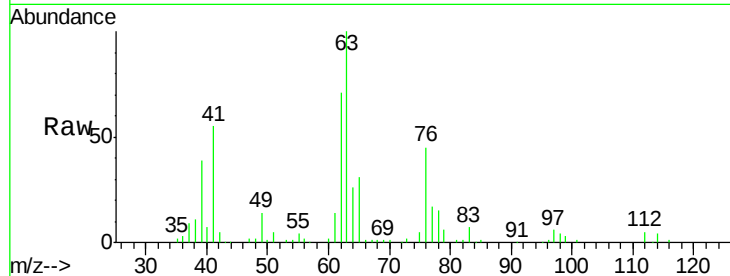




#45
 1,2-Dichloropropane
 Concen: 19.475 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW016191.D
 Acq: 14 Aug 2020 14:49

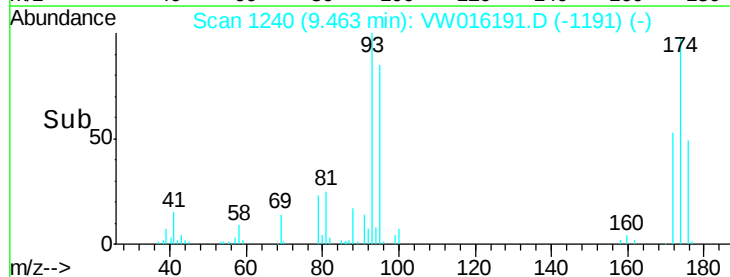
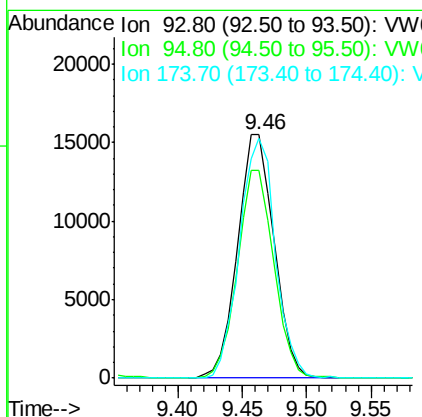
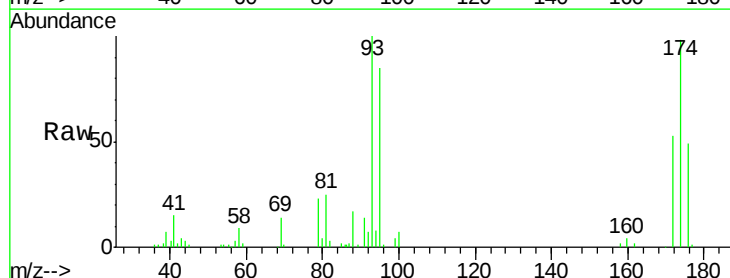
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0814SBSD01

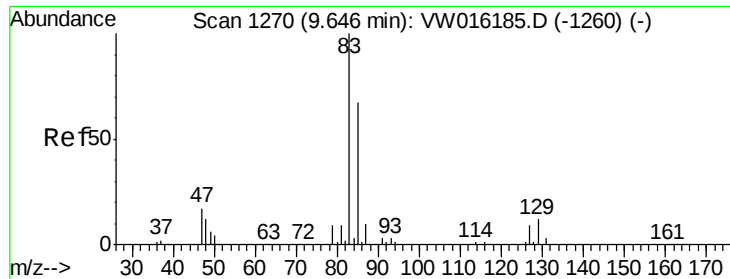
Tgt Ion: 63 Resp: 57682
 Ion Ratio Lower Upper
 63 100
 65 31.4 25.0 37.6



#46
 Dibromomethane
 Concen: 19.609 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW016191.D
 Acq: 14 Aug 2020 14:49

Tgt Ion: 93 Resp: 30491
 Ion Ratio Lower Upper
 93 100
 95 84.8 65.9 98.9
 174 96.4 77.0 115.6

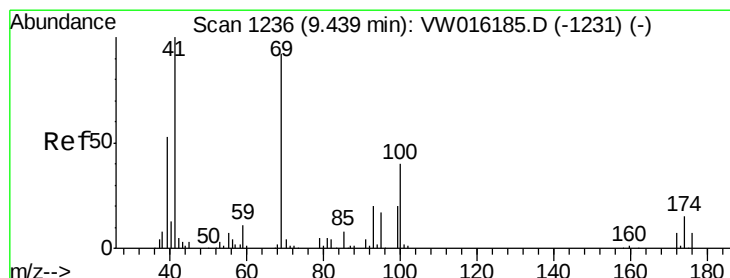
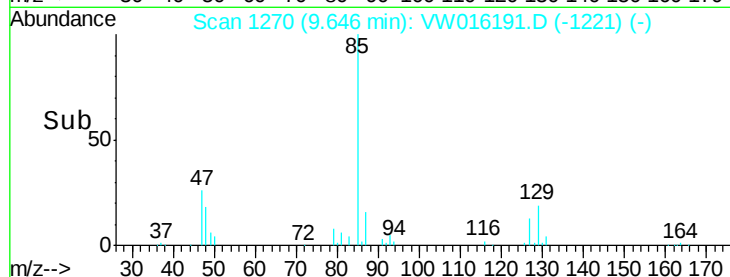
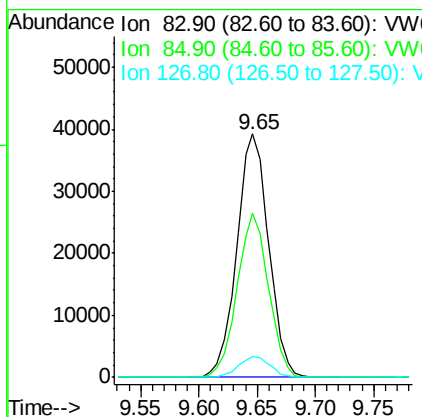
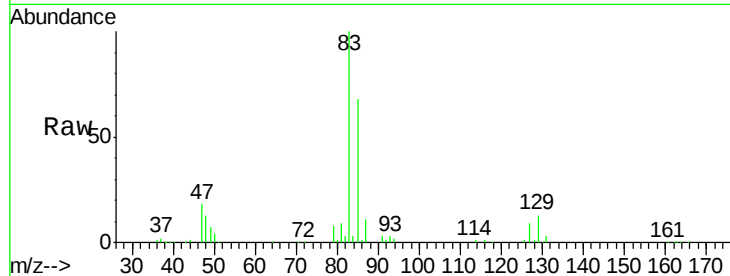




#47
 Bromodichloromethane
 Concen: 18.618 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VW016191.D
 Acq: 14 Aug 2020 14:49

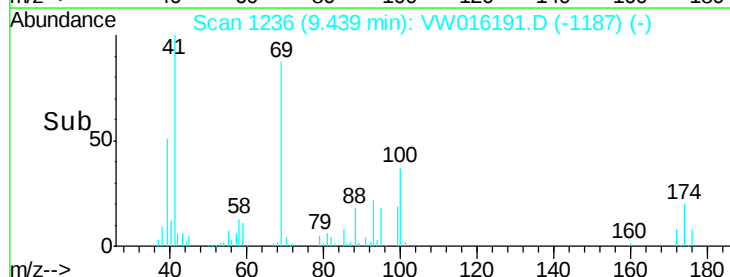
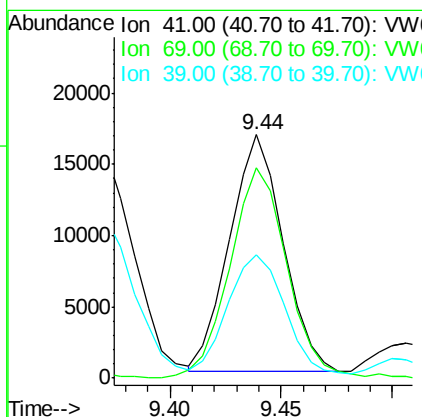
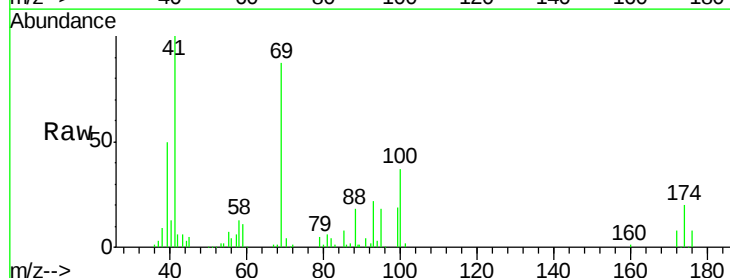
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0814SBSD01

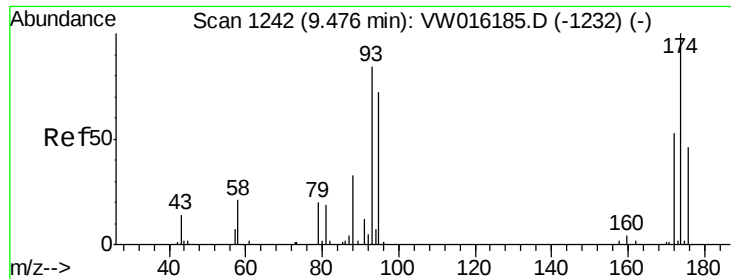
Tgt Ion: 83 Resp: 74797
 Ion Ratio Lower Upper
 83 100
 85 67.7 53.3 79.9
 127 8.8 7.4 11.2



#48
 Methyl methacrylate
 Concen: 20.847 ug/l
 RT: 9.44 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VW016191.D
 Acq: 14 Aug 2020 14:49

Tgt Ion: 41 Resp: 27921
 Ion Ratio Lower Upper
 41 100
 69 95.4 77.4 116.0
 39 57.2 42.2 63.2

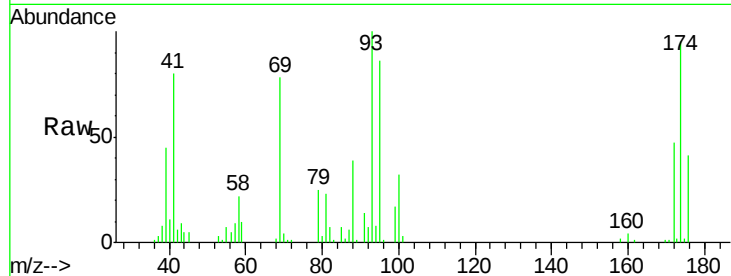




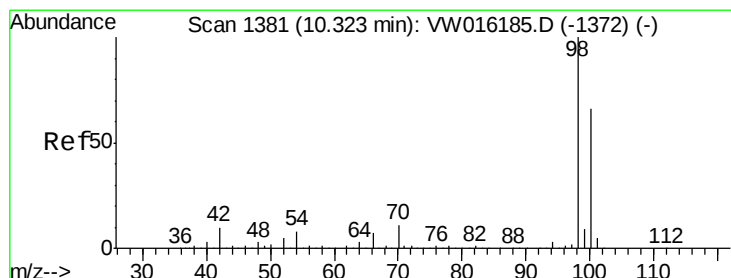
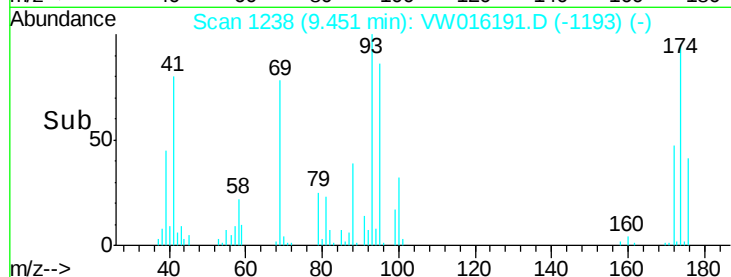
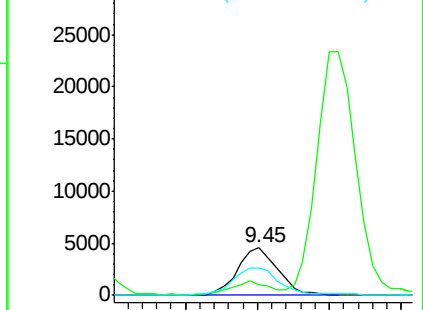
#49
1,4-Dioxane
Concen: 451.269 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. -0.02 min
Lab File: VW016191.D
Acq: 14 Aug 2020 14:49

Instrument :
MSVOA_W
ClientSampleId :
VW0814SBSD01

Tgt Ion: 88 Resp: 8836
Ion Ratio Lower Upper
88 100
43 30.3 0.0 0.0#
58 66.0 56.6 84.8

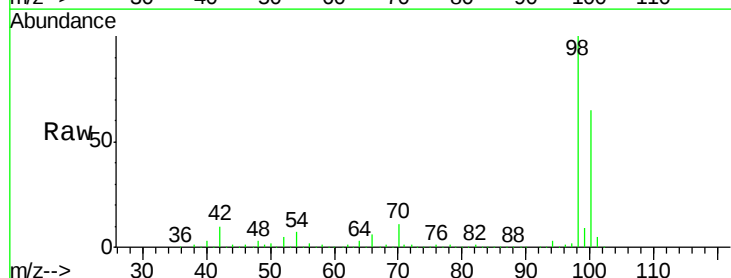


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

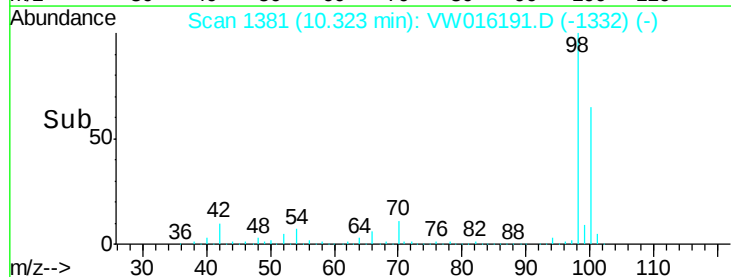
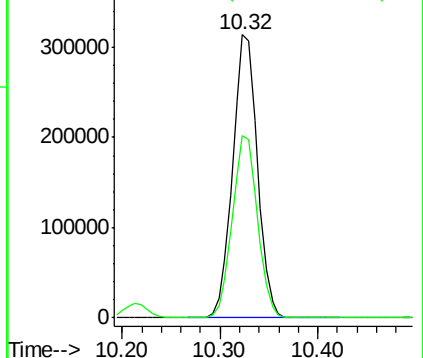


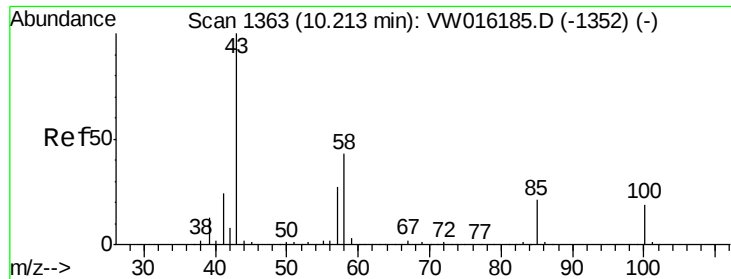
#50
Toluene-d8
Concen: 50.873 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW016191.D
Acq: 14 Aug 2020 14:49

Tgt Ion: 98 Resp: 550858
Ion Ratio Lower Upper
98 100
100 65.5 53.5 80.3



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

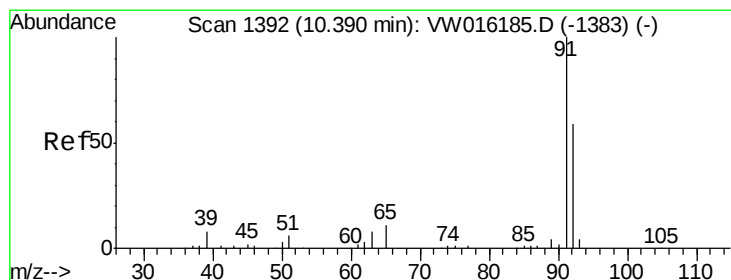
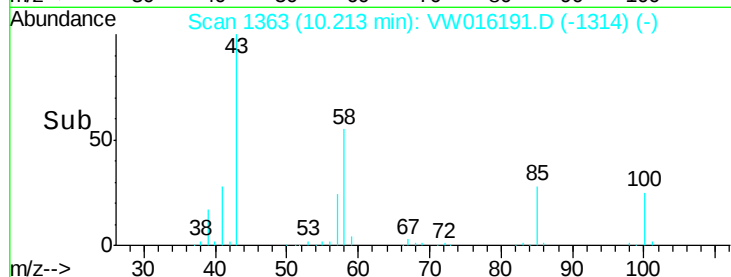
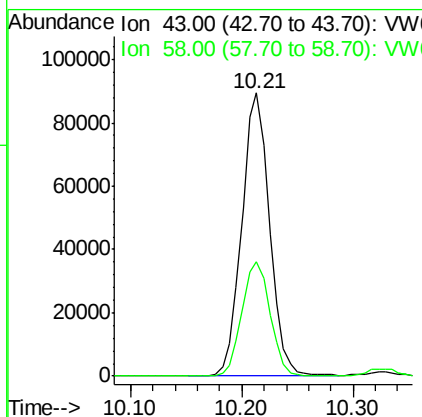
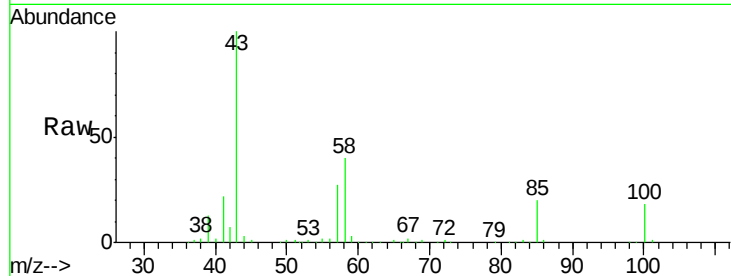




#51
 4-Methyl-2-Pentanone
 Concen: 106.008 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW016191.D
 Acq: 14 Aug 2020 14:49

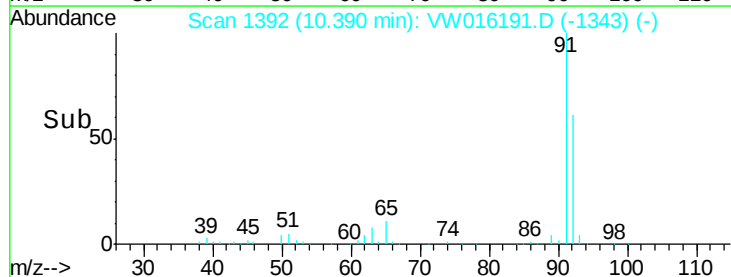
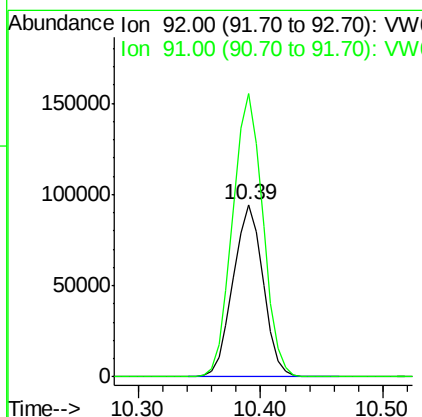
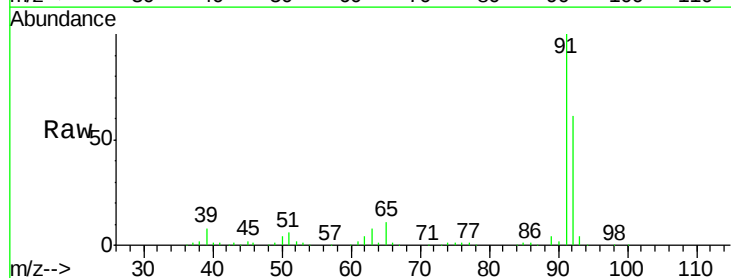
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0814SBSD01

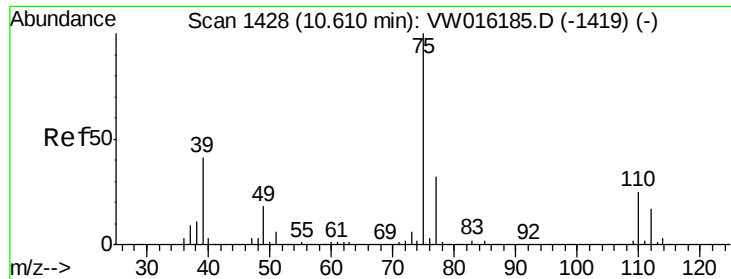
Tgt Ion: 43 Resp: 154464
 Ion Ratio Lower Upper
 43 100
 58 41.4 33.7 50.5



#52
 Toluene
 Concen: 19.883 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW016191.D
 Acq: 14 Aug 2020 14:49

Tgt Ion: 92 Resp: 159975
 Ion Ratio Lower Upper
 92 100
 91 166.5 133.3 199.9





#53

t-1,3-Dichloropropene

Concen: 19.539 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW016191.D

Acq: 14 Aug 2020 14:49

Instrument :

MSVOA_W

ClientSampleId :

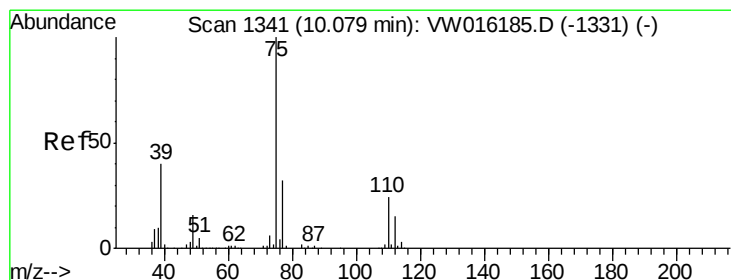
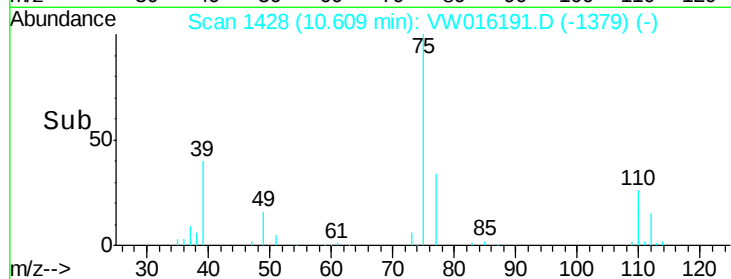
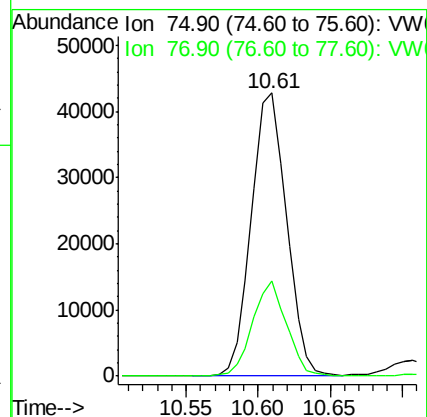
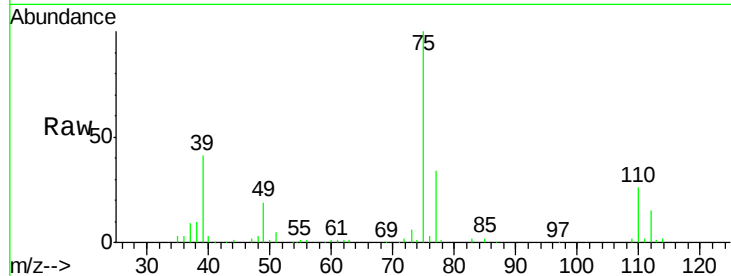
VW0814SBSD01

Tgt Ion: 75 Resp: 72684

Ion Ratio Lower Upper

75 100

77 33.8 25.6 38.4



#54

cis-1,3-Dichloropropene

Concen: 19.556 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.01 min

Lab File: VW016191.D

Acq: 14 Aug 2020 14:49

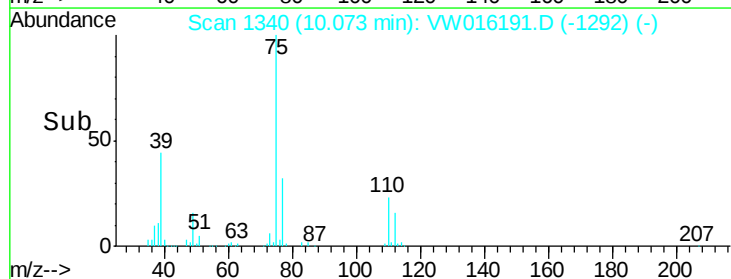
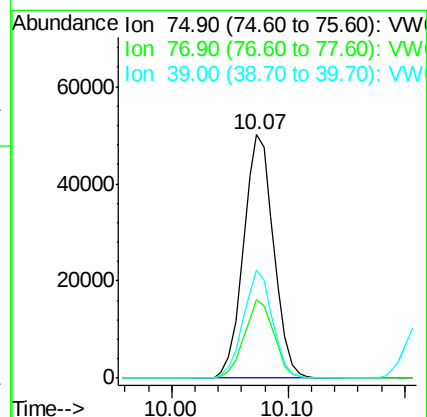
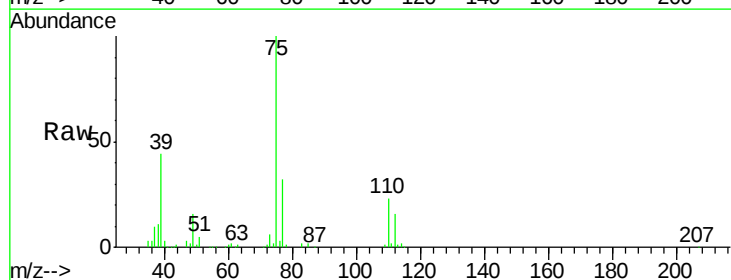
Tgt Ion: 75 Resp: 90411

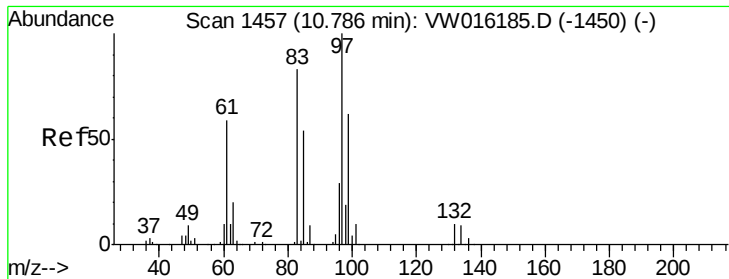
Ion Ratio Lower Upper

75 100

77 32.1 25.3 37.9

39 44.2 32.3 48.5

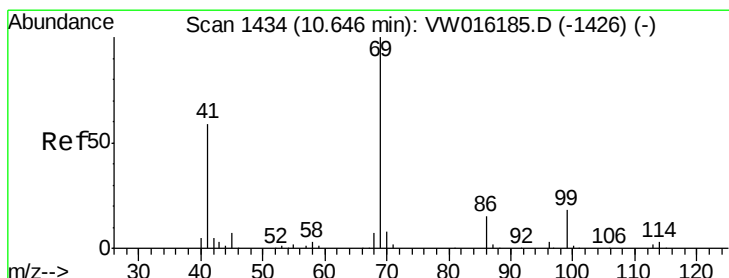
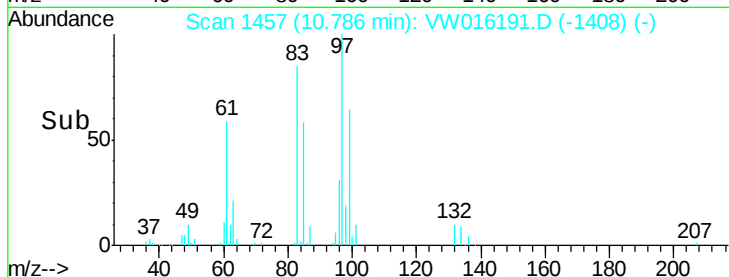
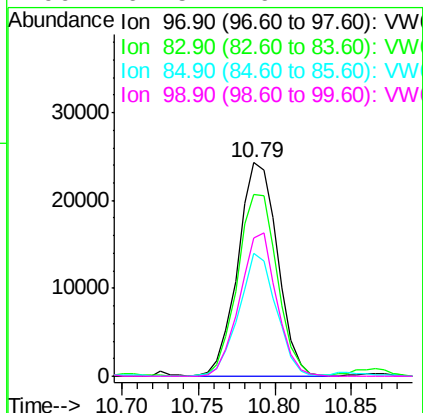
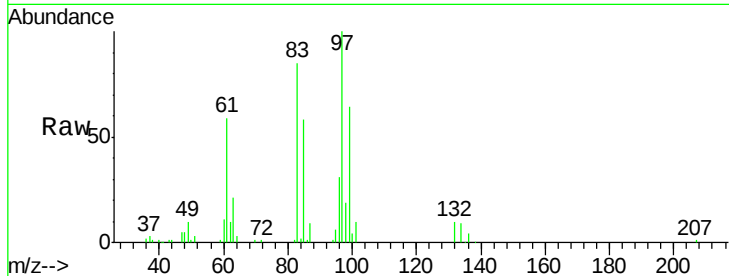




#55
 1,1,2-Trichloroethane
 Concen: 19.599 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW016191.D
 Acq: 14 Aug 2020 14:49

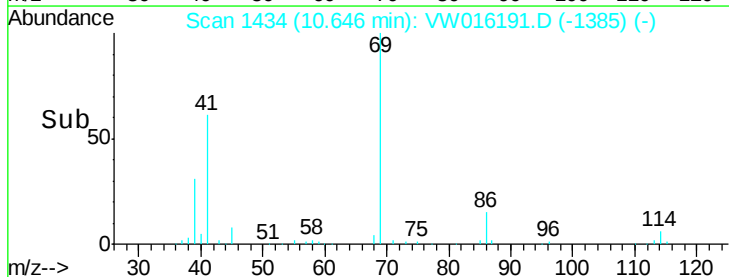
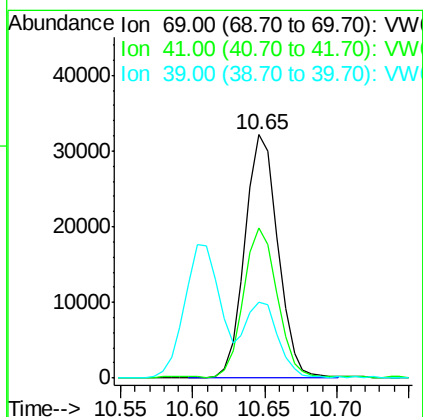
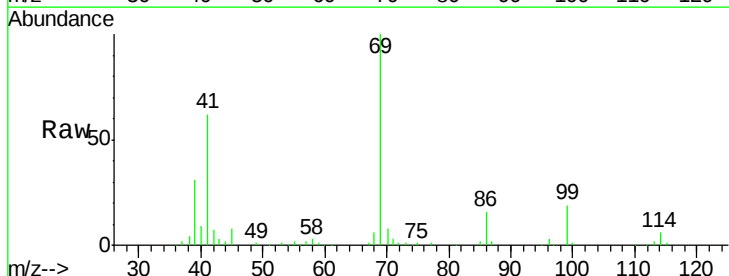
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0814SBSD01

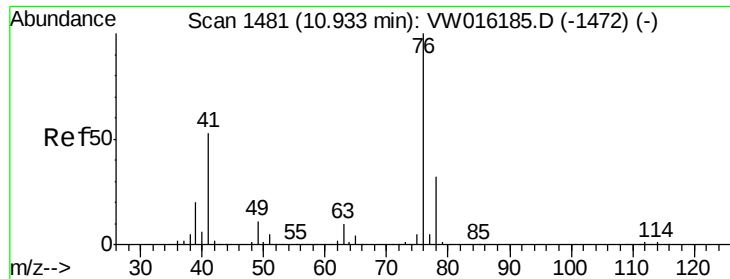
Tgt Ion:	97	Resp:	43729
Ion	Ratio	Lower	Upper
97	100		
83	85.3	66.6	100.0
85	57.7	43.0	64.4
99	64.5	49.4	74.2



#56
 Ethyl methacrylate
 Concen: 20.126 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW016191.D
 Acq: 14 Aug 2020 14:49

Tgt Ion:	69	Resp:	51208
Ion	Ratio	Lower	Upper
69	100		
41	61.9	47.6	71.4
39	31.1	24.6	36.8

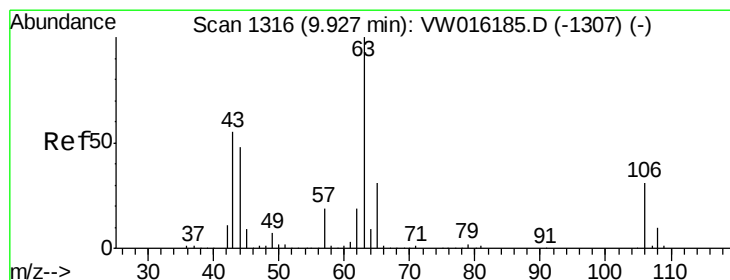
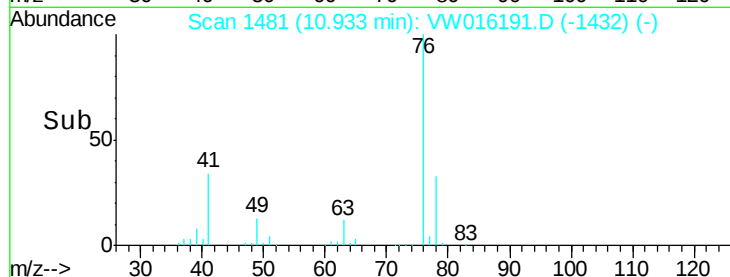
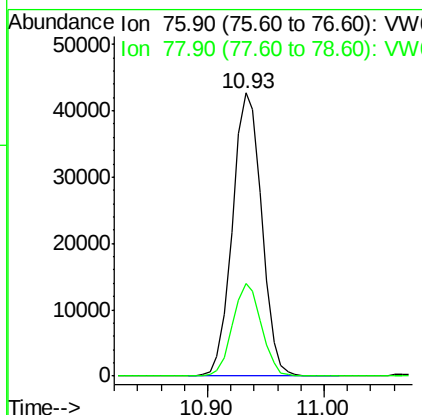
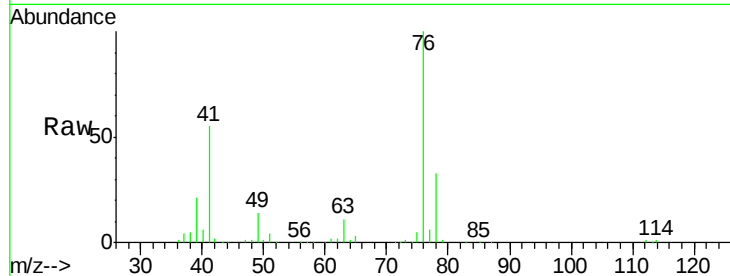




#57
 1,3-Dichloropropane
 Concen: 19.663 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW016191.D
 Acq: 14 Aug 2020 14:49

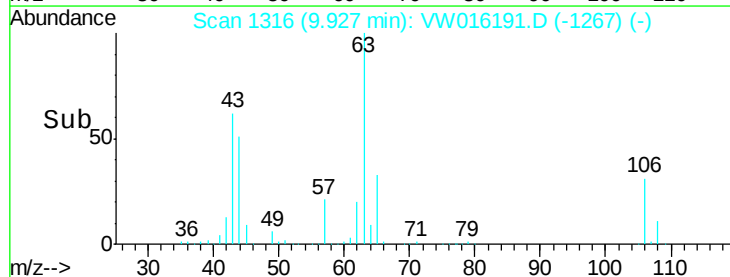
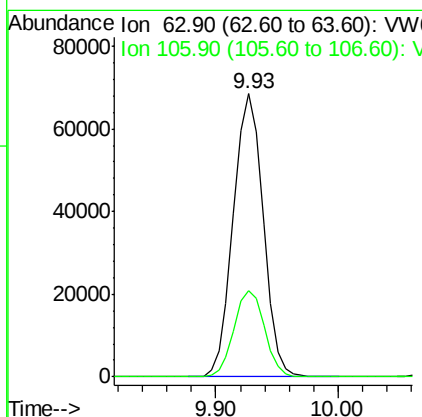
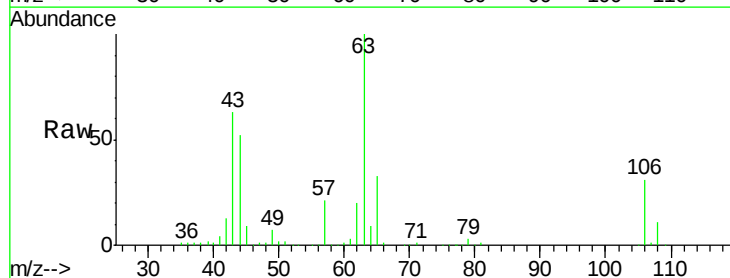
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0814SBSD01

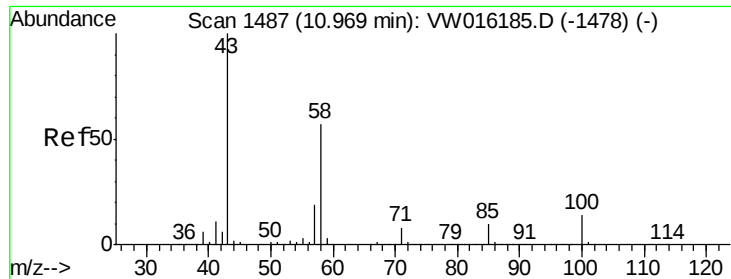
Tgt Ion: 76 Resp: 74642
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 100.120 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW016191.D
 Acq: 14 Aug 2020 14:49

Tgt Ion: 63 Resp: 116147
 Ion Ratio Lower Upper
 63 100
 106 31.1 24.9 37.3

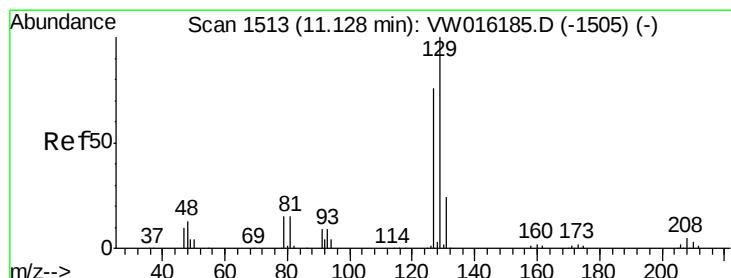
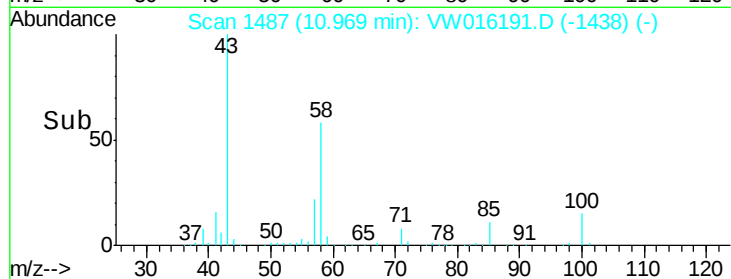
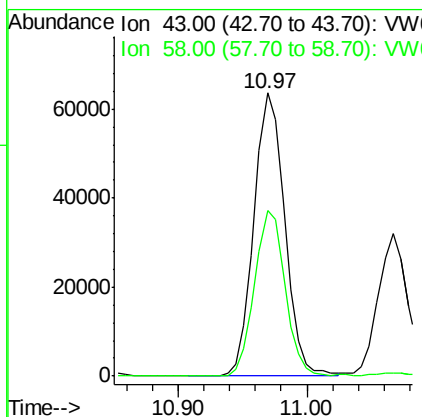
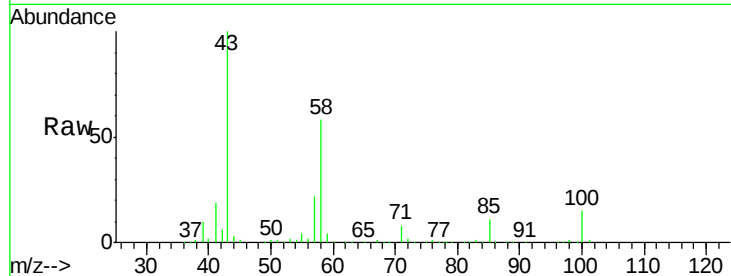




#59
2-Hexanone
Concen: 105.602 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW016191.D
Acq: 14 Aug 2020 14:49

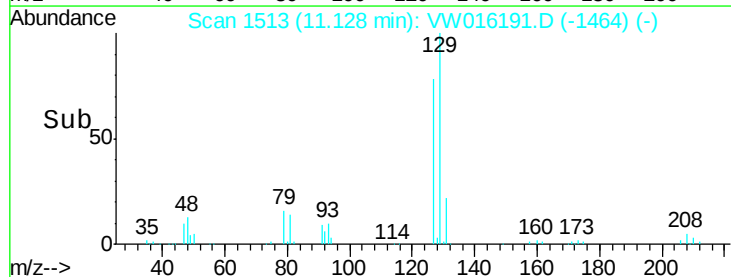
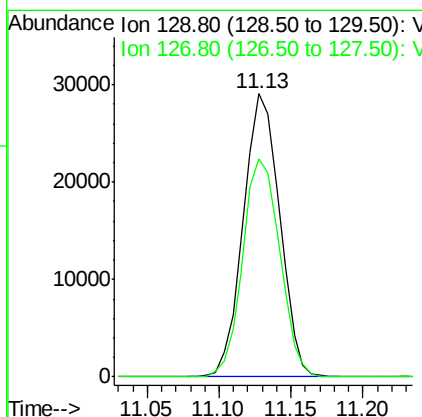
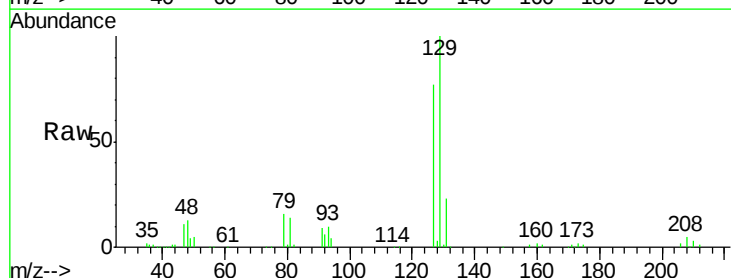
Instrument :
MSVOA_W
ClientSampleId :
VW0814SBSD01

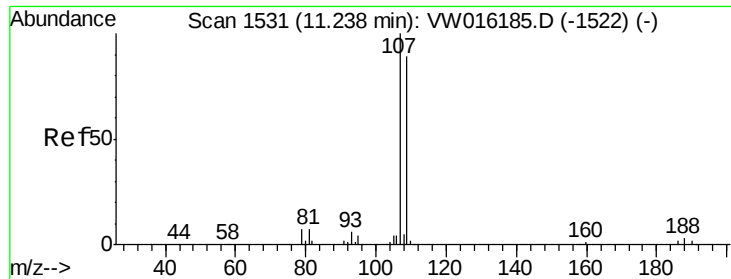
Tgt Ion: 43 Resp: 105266
Ion Ratio Lower Upper
43 100
58 58.1 28.8 86.5



#60
Dibromochloromethane
Concen: 19.194 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW016191.D
Acq: 14 Aug 2020 14:49

Tgt Ion: 129 Resp: 50946
Ion Ratio Lower Upper
129 100
127 78.5 38.3 114.8





#61

1,2-Dibromoethane

Concen: 19.570 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW016191.D

Acq: 14 Aug 2020 14:49

Instrument :

MSVOA_W

ClientSampleId :

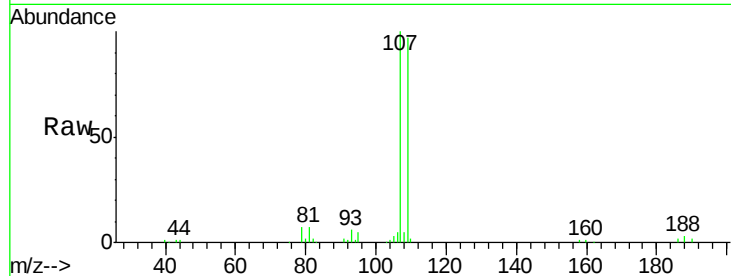
VW0814SBSD01

Tgt Ion: 107 Resp: 42033

Ion Ratio Lower Upper

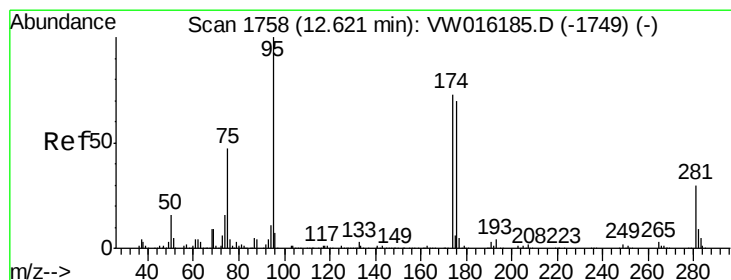
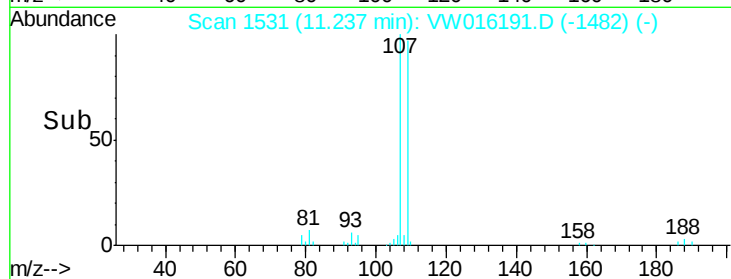
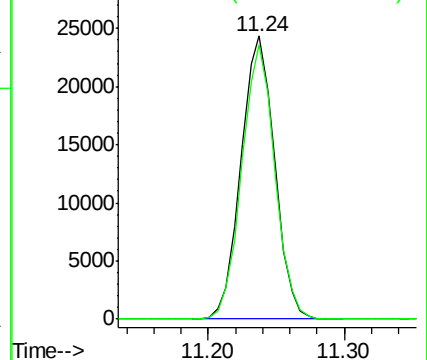
107 100

109 95.2 74.7 112.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.047 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW016191.D

Acq: 14 Aug 2020 14:49

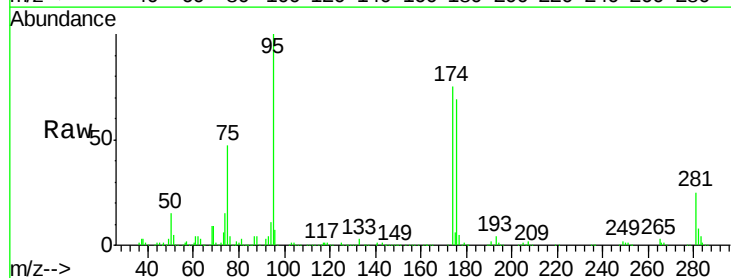
Tgt Ion: 95 Resp: 197581

Ion Ratio Lower Upper

95 100

174 72.1 0.0 145.6

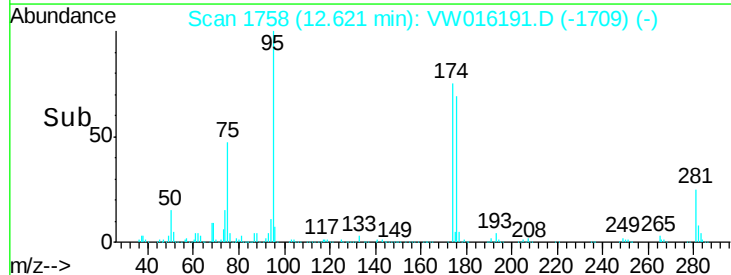
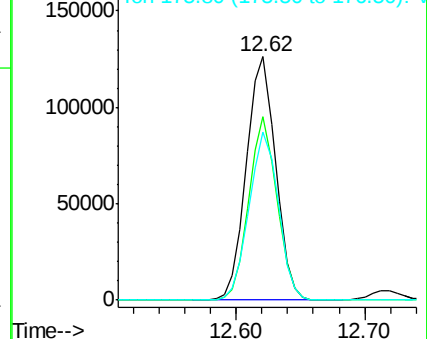
176 69.1 0.0 137.8

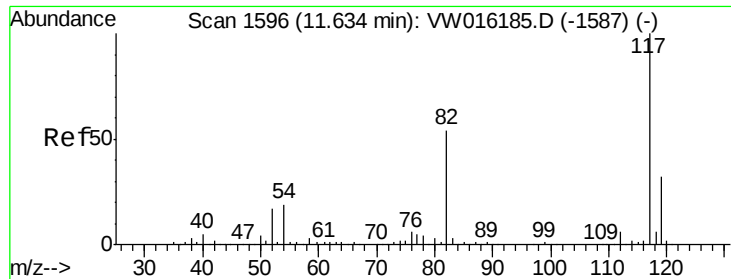


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

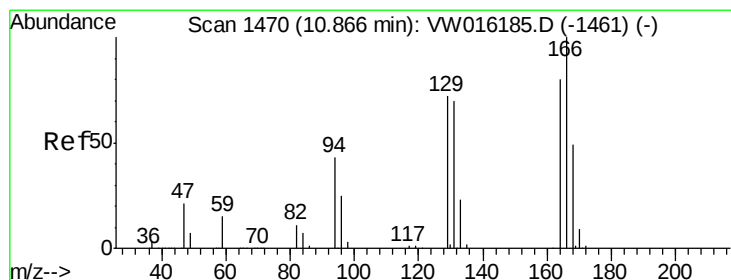
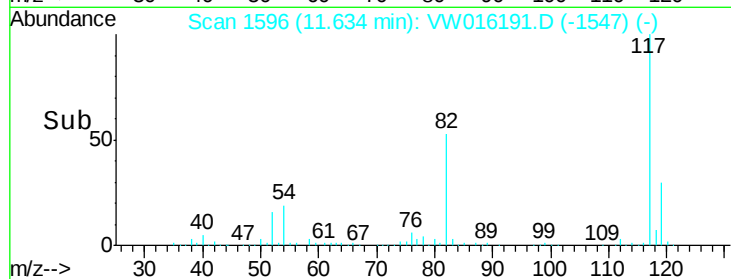
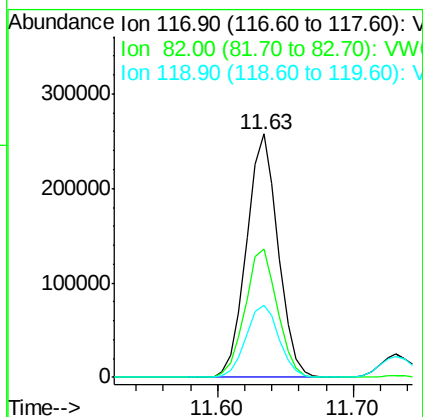
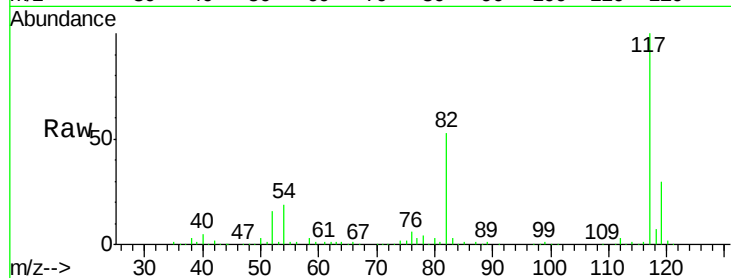




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW016191.D
Acq: 14 Aug 2020 14:49

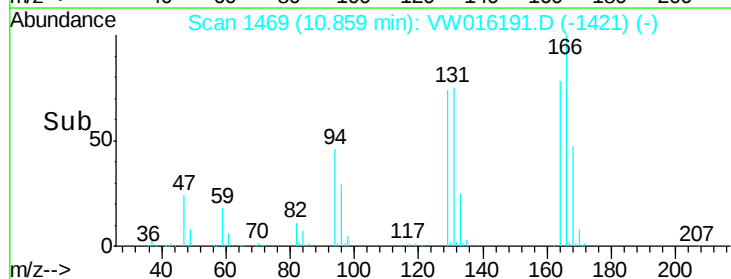
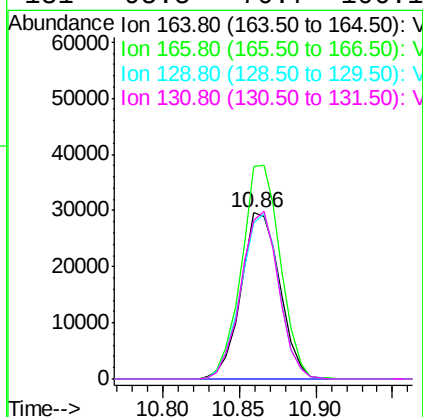
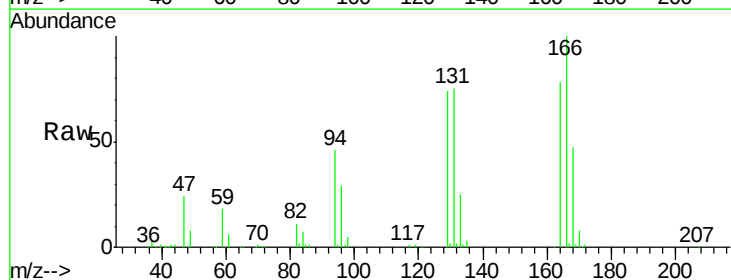
Instrument :
MSVOA_W
ClientSampleId :
VW0814SBSD01

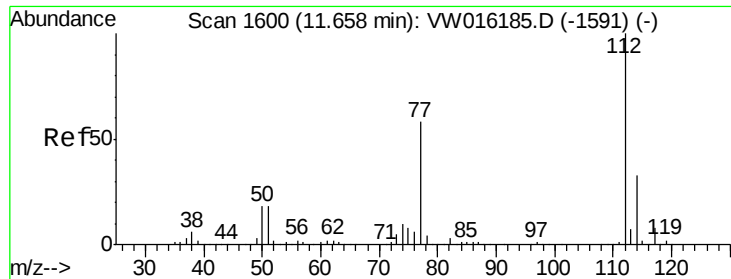
Tgt Ion:117 Resp: 418507
Ion Ratio Lower Upper
117 100
82 52.6 43.6 65.4
119 29.7 25.4 38.0



#64
Tetrachloroethene
Concen: 18.979 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW016191.D
Acq: 14 Aug 2020 14:49

Tgt Ion:164 Resp: 52118
Ion Ratio Lower Upper
164 100
166 127.8 100.3 150.5
129 94.3 72.2 108.4
131 95.5 70.7 106.1

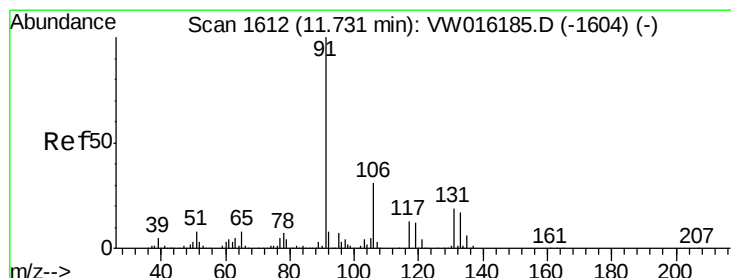
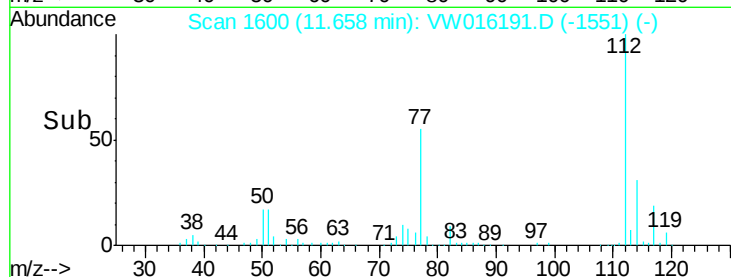
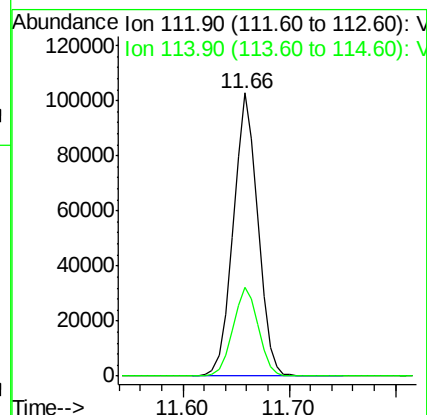
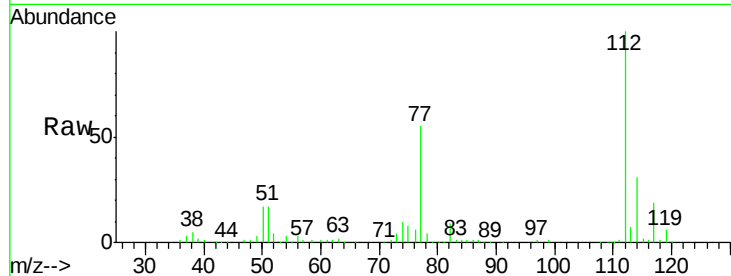




#65
Chlorobenzene
Concen: 19.367 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW016191.D
Acq: 14 Aug 2020 14:49

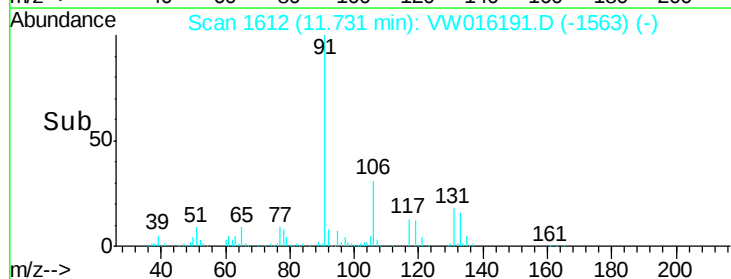
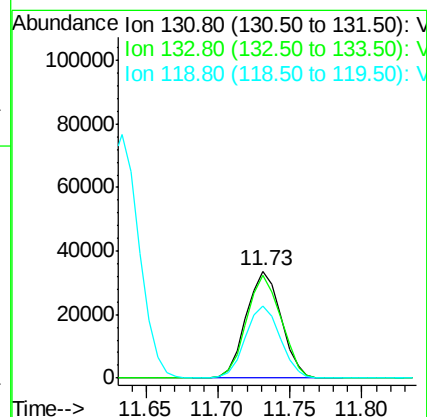
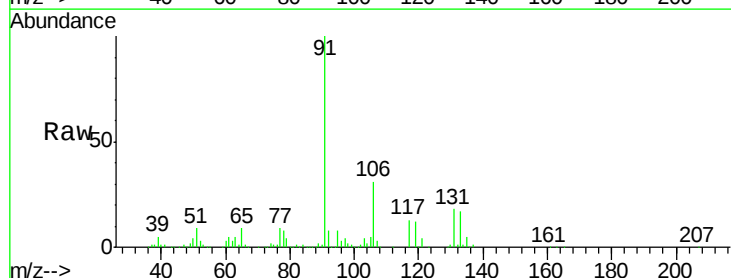
Instrument :
MSVOA_W
ClientSampleId :
VW0814SBSD01

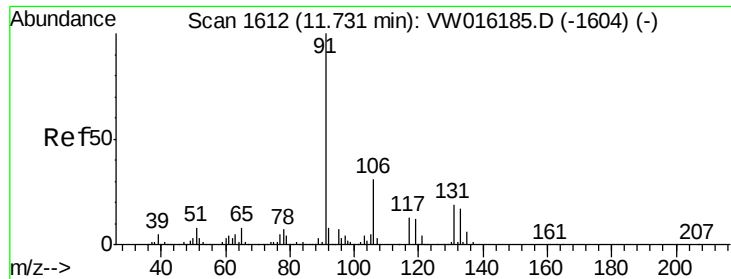
Tgt Ion:112 Resp: 166130
Ion Ratio Lower Upper
112 100
114 31.3 26.6 39.8



#66
1,1,1,2-Tetrachloroethane
Concen: 18.889 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW016191.D
Acq: 14 Aug 2020 14:49

Tgt Ion:131 Resp: 56634
Ion Ratio Lower Upper
131 100
133 95.4 47.1 141.3
119 67.2 33.1 99.3

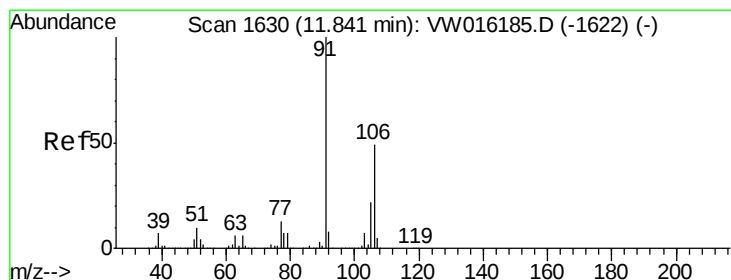
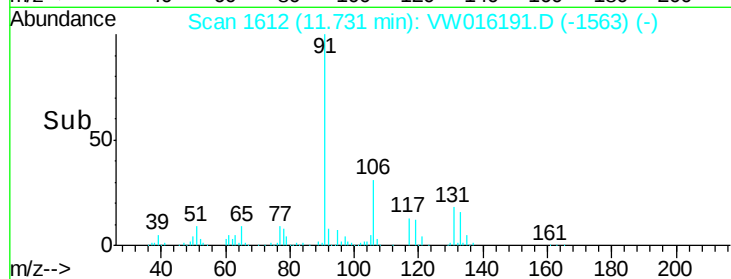
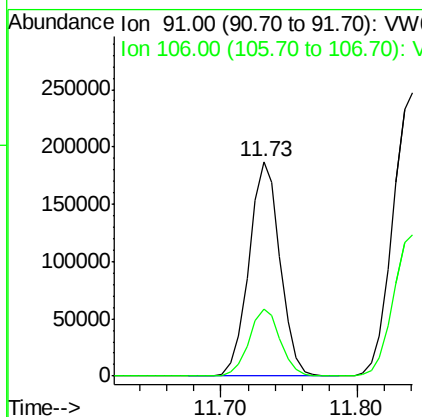
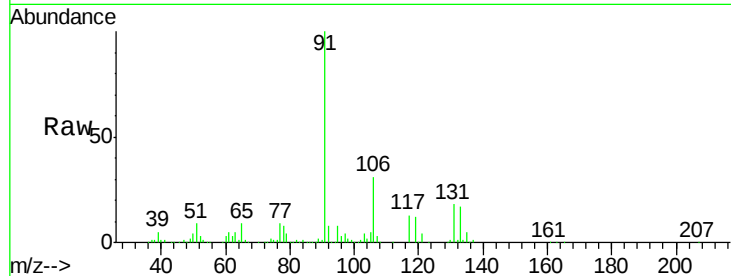




#67
Ethyl Benzene
Concen: 19.394 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW016191.D
Acq: 14 Aug 2020 14:49

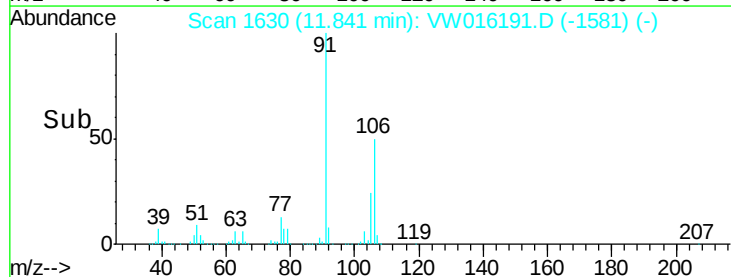
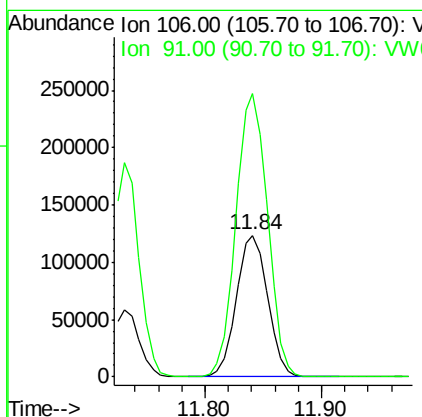
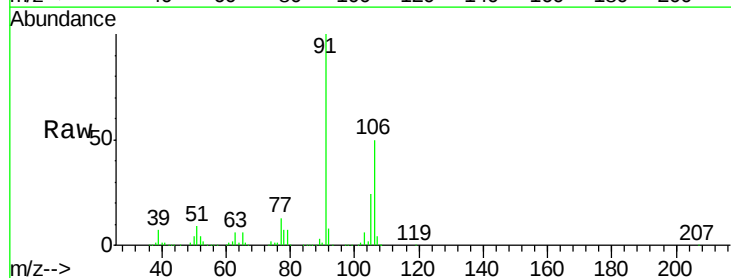
Instrument :
MSVOA_W
ClientSampleId :
VW0814SBSD01

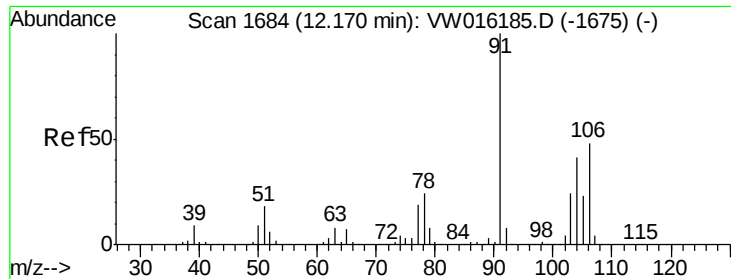
Tgt Ion: 91 Resp: 298985
Ion Ratio Lower Upper
91 100
106 31.1 24.9 37.3



#68
m/p-Xylenes
Concen: 38.995 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW016191.D
Acq: 14 Aug 2020 14:49

Tgt Ion: 106 Resp: 231069
Ion Ratio Lower Upper
106 100
91 202.0 161.4 242.2

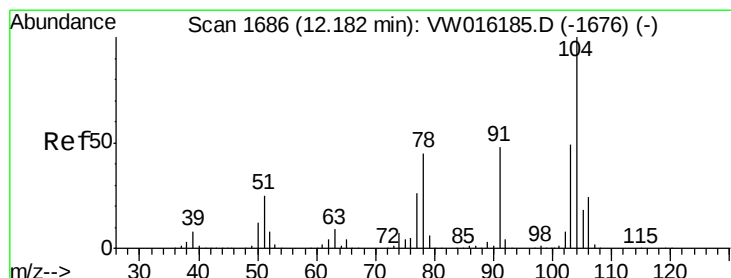
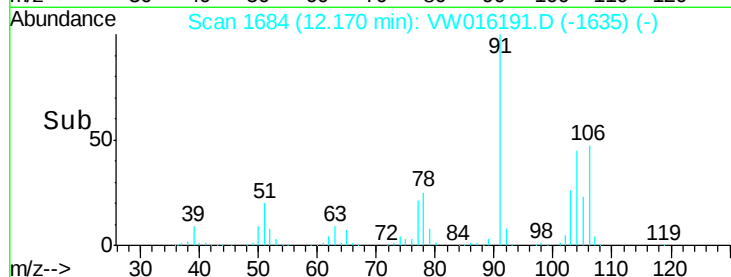
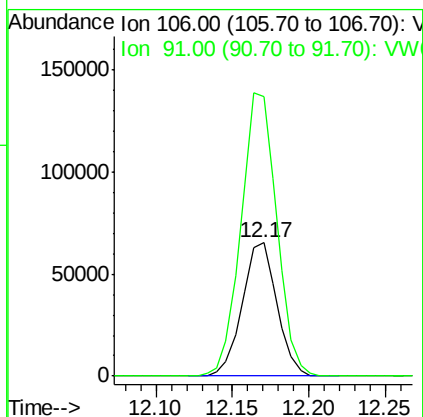
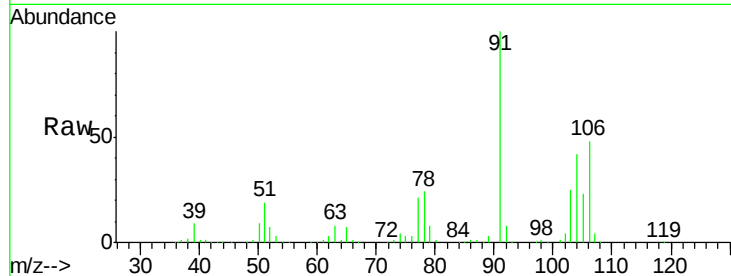




#69
o-Xylene
Concen: 19.572 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW016191.D
Acq: 14 Aug 2020 14:49

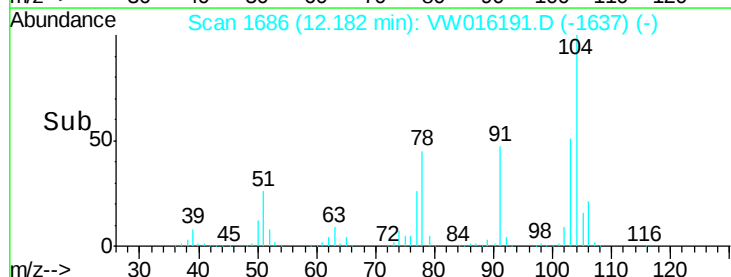
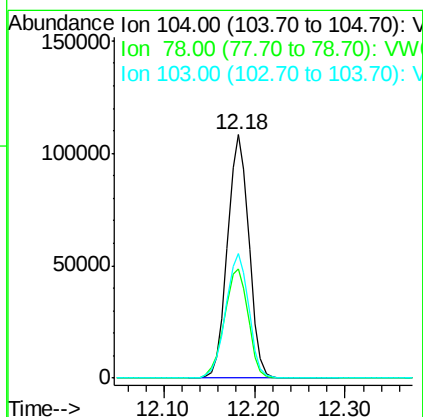
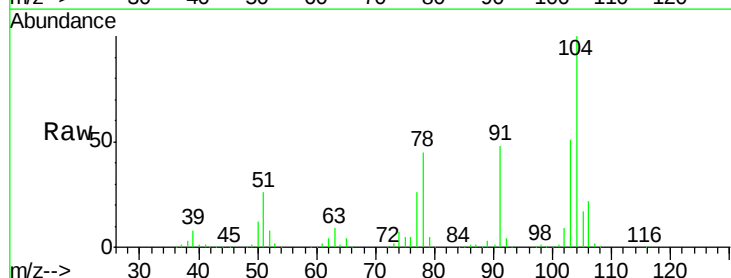
Instrument :
MSVOA_W
ClientSampleId :
VW0814SBSD01

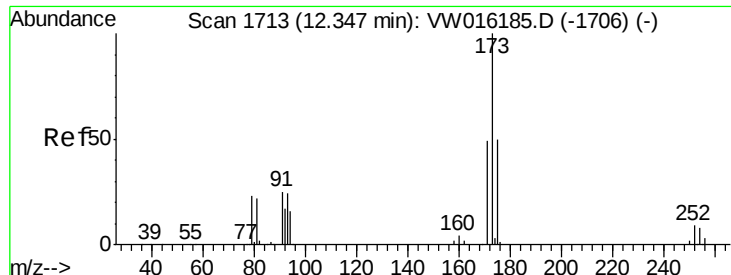
Tgt Ion:106 Resp: 103325
Ion Ratio Lower Upper
106 100
91 217.9 106.0 317.9



#70
Styrene
Concen: 19.476 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW016191.D
Acq: 14 Aug 2020 14:49

Tgt Ion:104 Resp: 177918
Ion Ratio Lower Upper
104 100
78 49.7 39.4 59.2
103 54.9 42.9 64.3





#71

Bromoform

Concen: 19.206 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW016191.D

Acq: 14 Aug 2020 14:49

Instrument :

MSVOA_W

ClientSampleId :

VW0814SBSD01

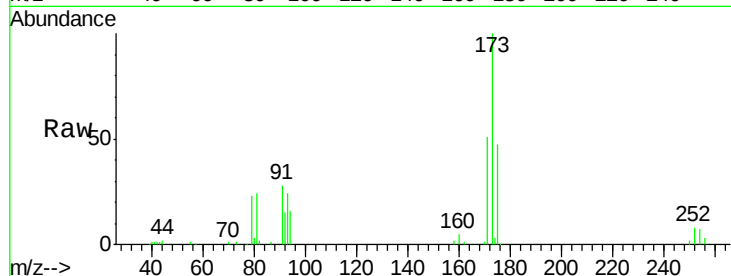
Tgt Ion:173 Resp: 25772

Ion Ratio Lower Upper

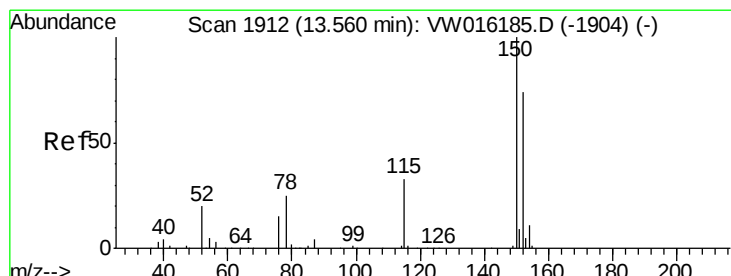
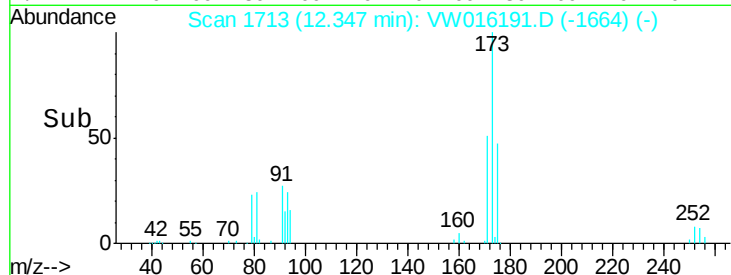
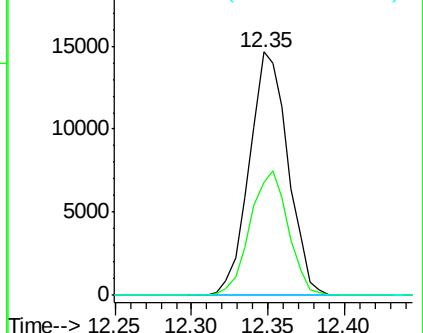
173 100

175 50.1 24.7 74.1

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW016191.D

Acq: 14 Aug 2020 14:49

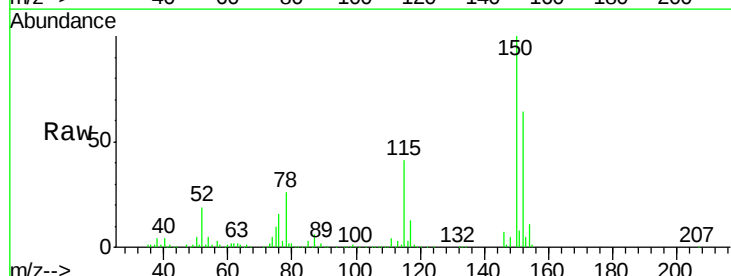
Tgt Ion:152 Resp: 193588

Ion Ratio Lower Upper

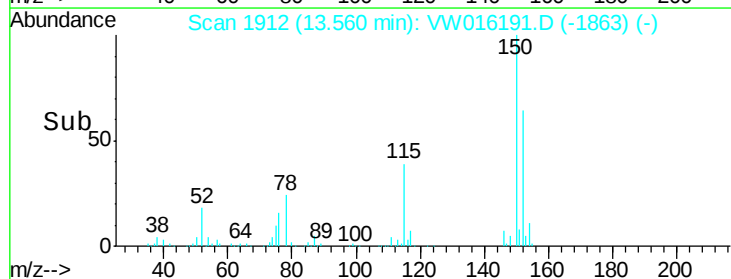
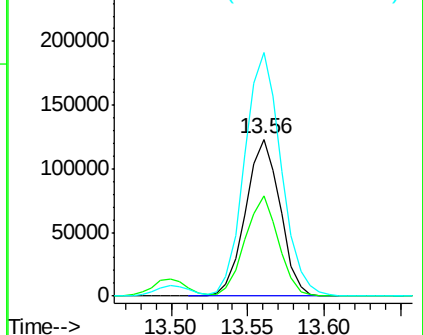
152 100

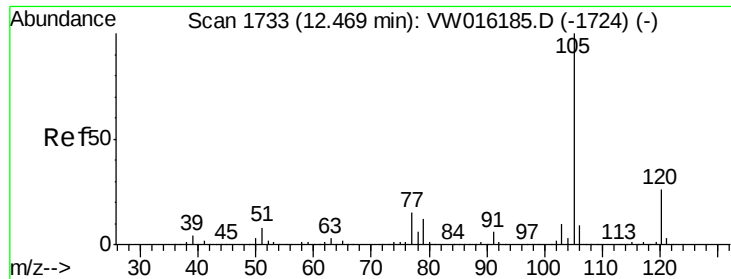
115 62.1 30.9 92.5

150 164.5 0.0 337.8



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





#73

Isopropylbenzene

Concen: 19.771 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW016191.D

Acq: 14 Aug 2020 14:49

Instrument :

MSVOA_W

ClientSampleId :

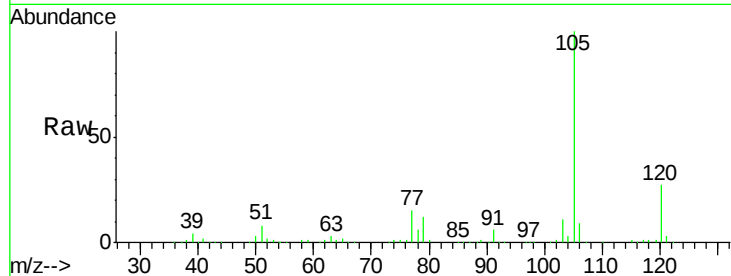
VW0814SBSD01

Tgt Ion: 105 Resp: 291666

Ion Ratio Lower Upper

105 100

120 26.4 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

100000

50000

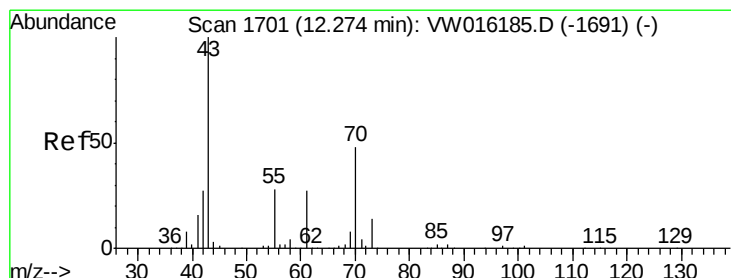
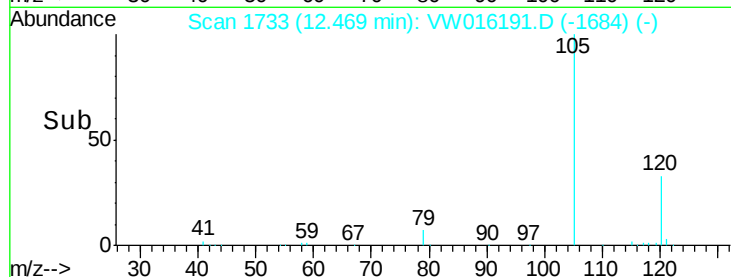
0

12.47

12.40

12.50

Time-->



#74

N-amyl acetate

Concen: 20.839 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW016191.D

Acq: 14 Aug 2020 14:49

Tgt Ion: 43 Resp: 55054

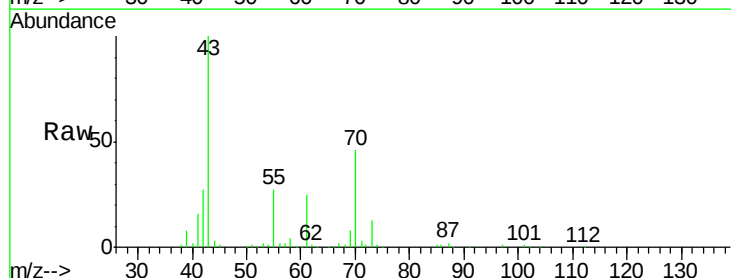
Ion Ratio Lower Upper

43 100

70 47.8 38.6 58.0

55 27.3 22.2 33.2

61 26.4 21.3 31.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

60000

50000

40000

30000

20000

10000

0

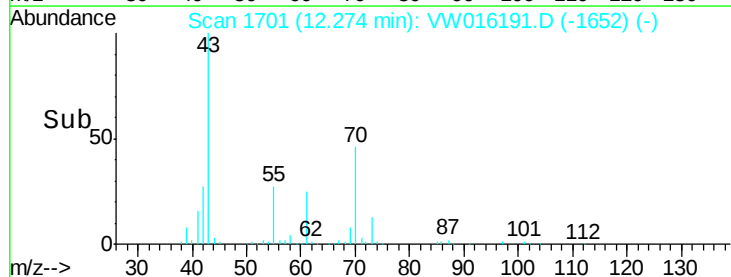
12.27

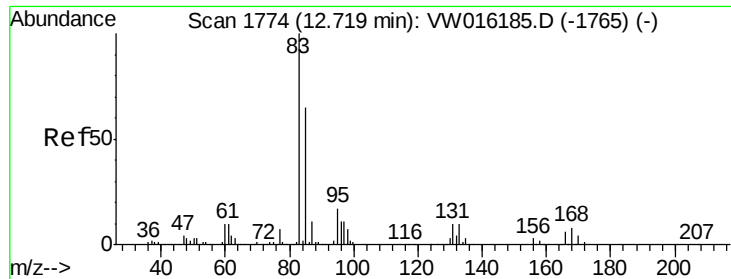
12.20

12.30

12.40

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.969 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW016191.D

Acq: 14 Aug 2020 14:49

Instrument :

MSVOA_W

ClientSampleId :

VW0814SBSD01

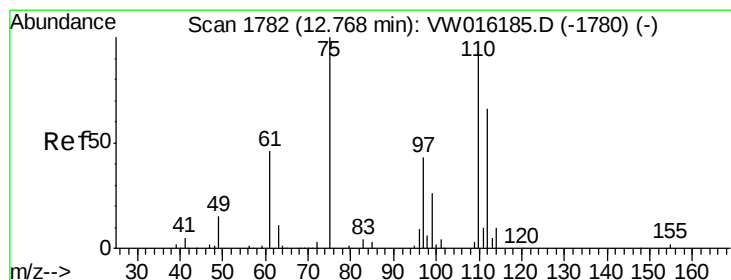
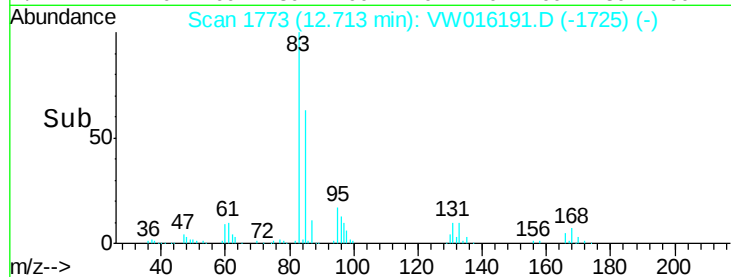
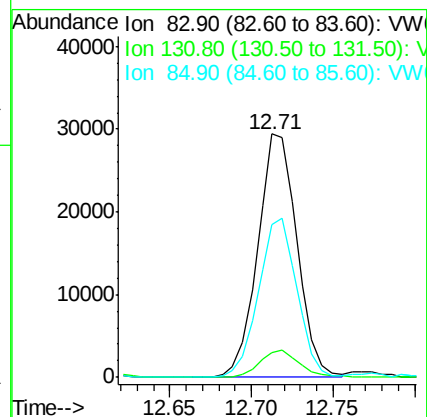
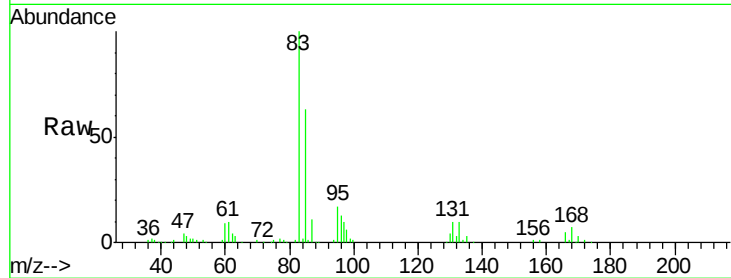
Tgt Ion: 83 Resp: 49292

Ion Ratio Lower Upper

83 100

131 11.4 5.6 16.8

85 64.0 31.3 93.9



#76

1,2,3-Trichloropropane

Concen: 34.557 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW016191.D

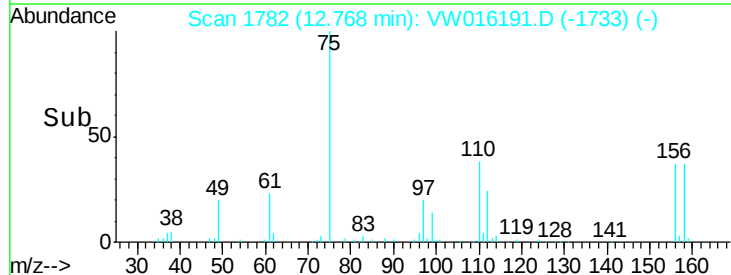
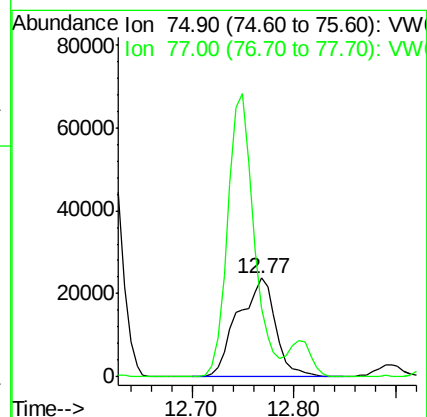
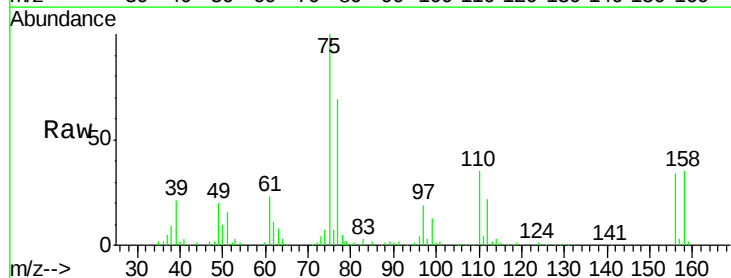
Acq: 14 Aug 2020 14:49

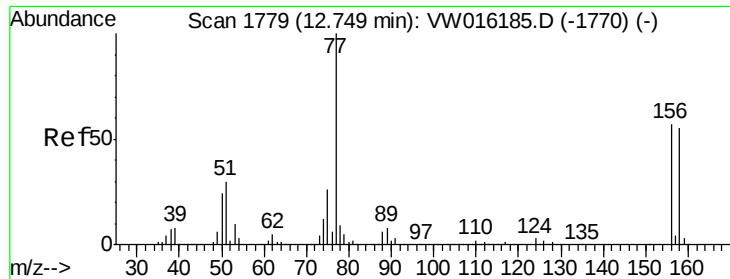
Tgt Ion: 75 Resp: 61525

Ion Ratio Lower Upper

75 100

77 198.9 173.6 520.6





#77

Bromobenzene

Concen: 19.363 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW016191.D

Acq: 14 Aug 2020 14:49

Instrument :

MSVOA_W

ClientSampleId :

VW0814SBSD01

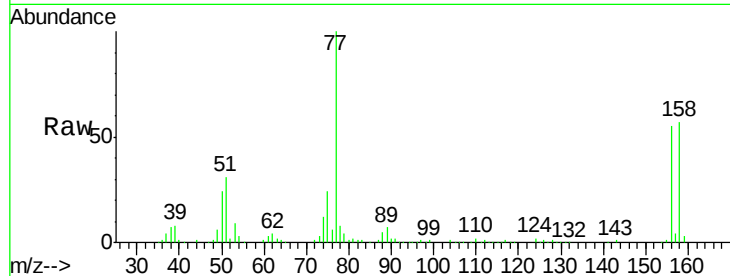
Tgt Ion:156 Resp: 63181

Ion Ratio Lower Upper

156 100

77 193.7 97.9 293.6

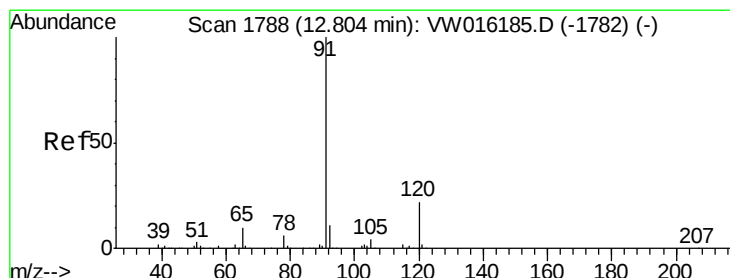
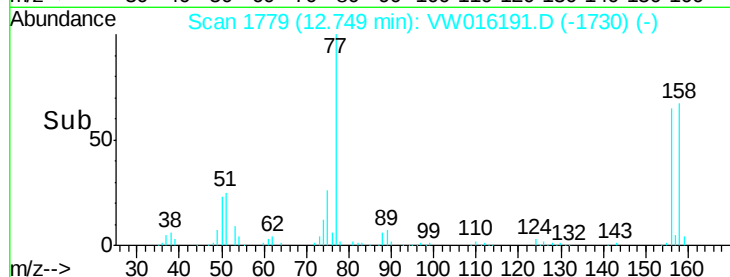
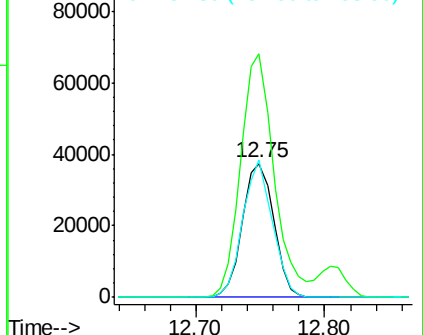
158 96.6 49.0 147.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.907 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW016191.D

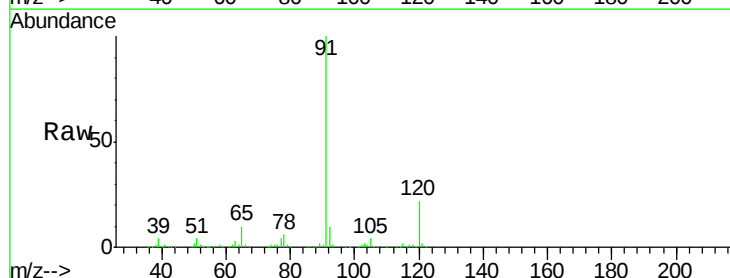
Acq: 14 Aug 2020 14:49

Tgt Ion: 91 Resp: 350523

Ion Ratio Lower Upper

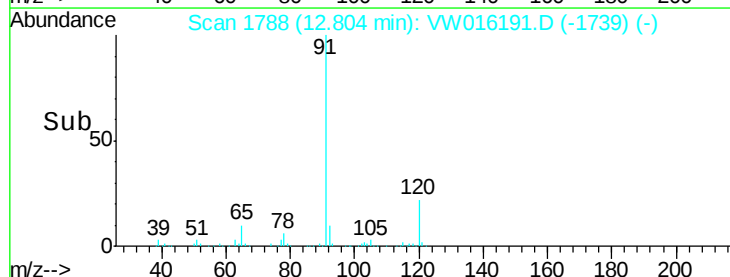
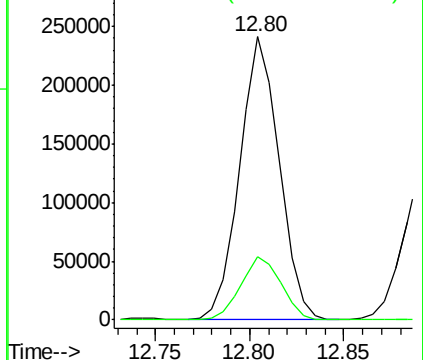
91 100

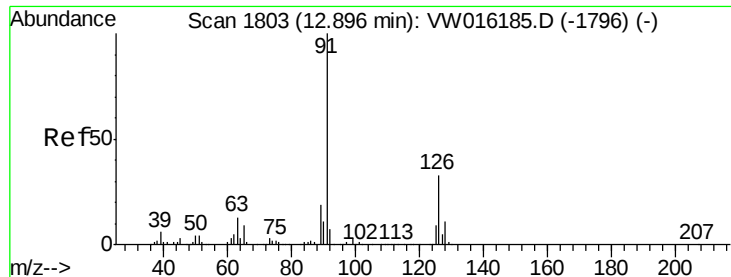
120 23.1 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.866 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW016191.D

Acq: 14 Aug 2020 14:49

Instrument :

MSVOA_W

ClientSampleId :

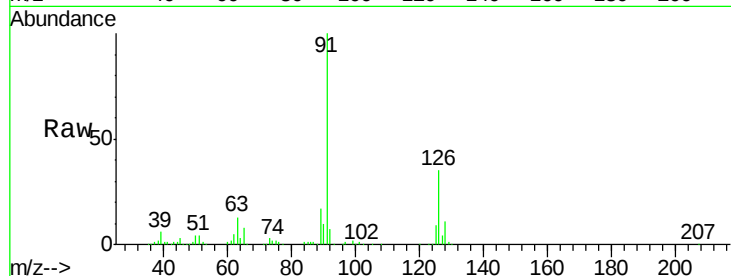
VW0814SBSD01

Tgt Ion: 91 Resp: 202068

Ion Ratio Lower Upper

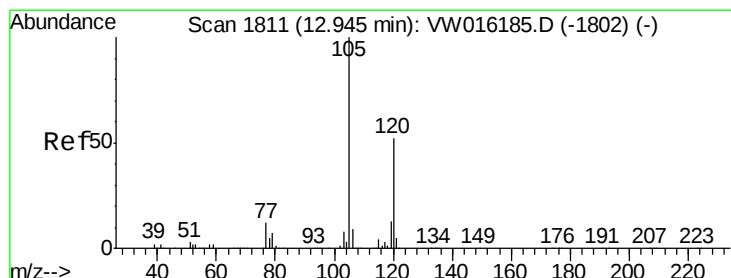
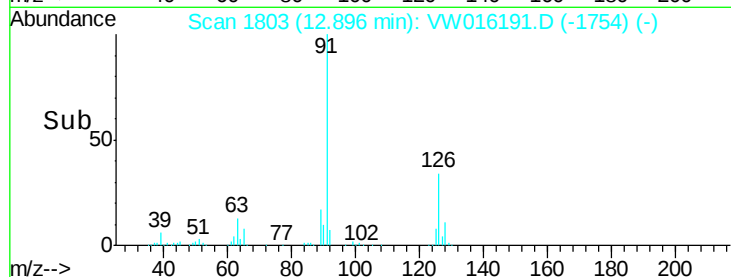
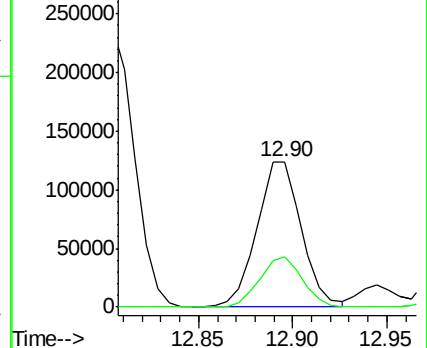
91 100

126 33.7 16.4 49.2



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.143 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW016191.D

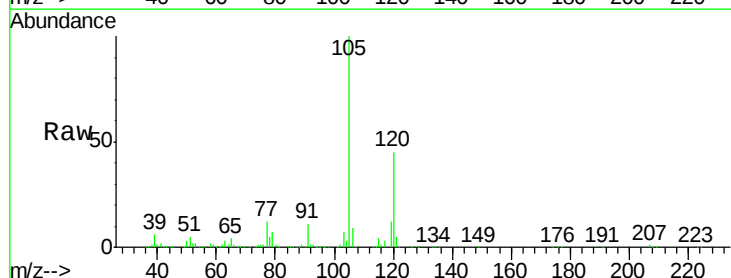
Acq: 14 Aug 2020 14:49

Tgt Ion: 105 Resp: 255083

Ion Ratio Lower Upper

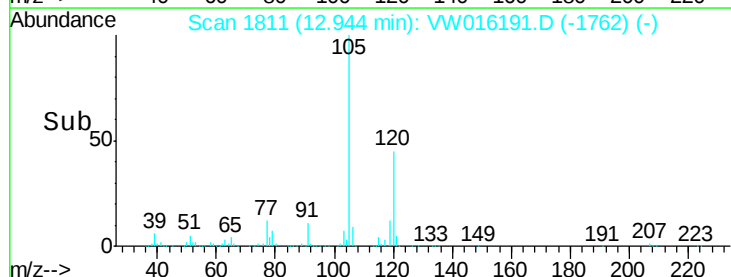
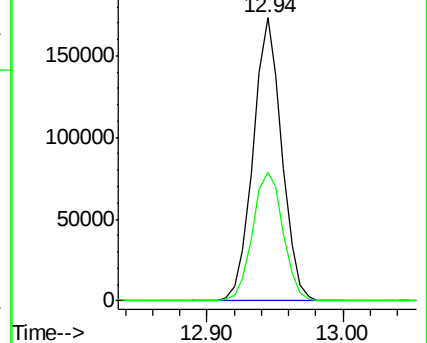
105 100

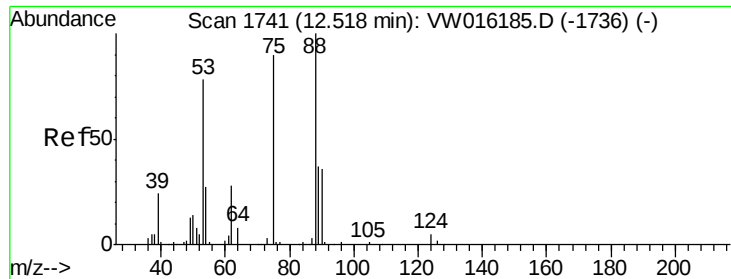
120 48.3 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

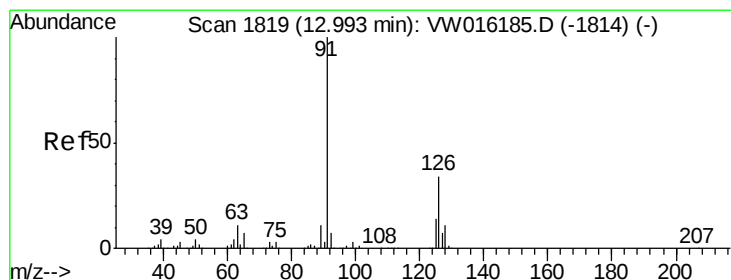
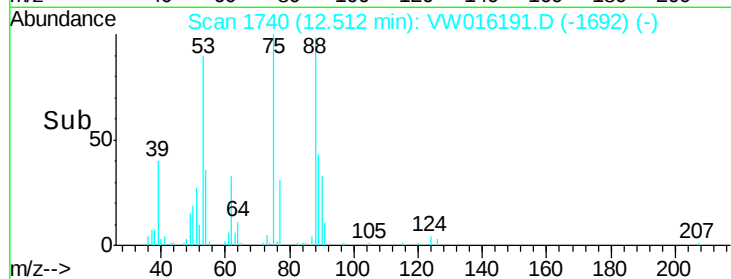
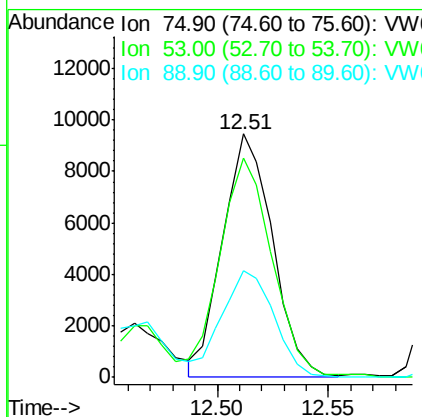
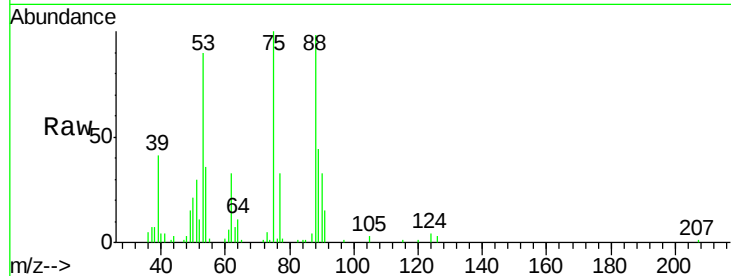




#81
trans-1,4-Dichloro-2-butene
Concen: 19.841 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.01 min
Lab File: VW016191.D
Acq: 14 Aug 2020 14:49

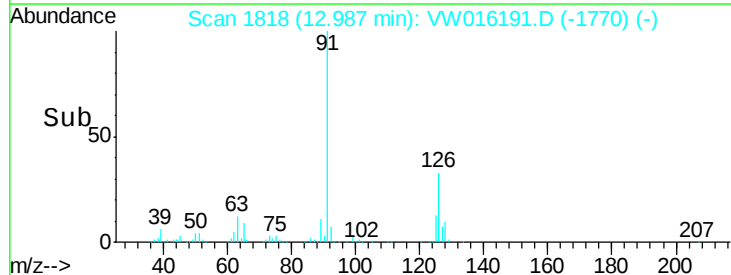
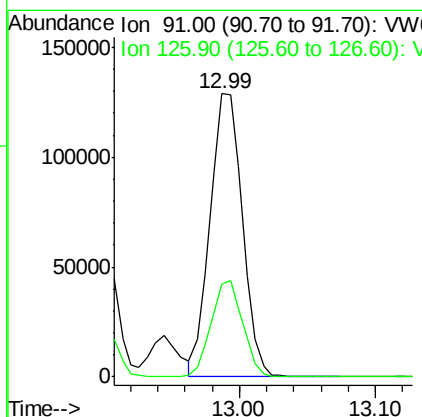
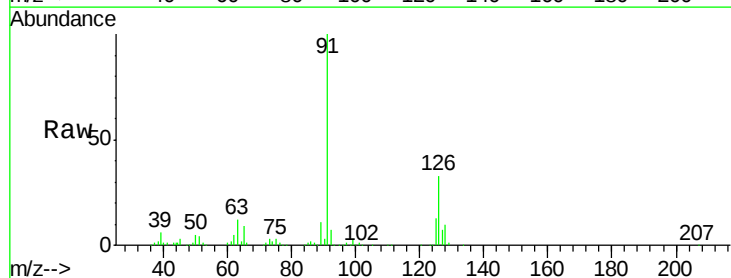
Instrument :
MSVOA_W
ClientSampleId :
VW0814SBSD01

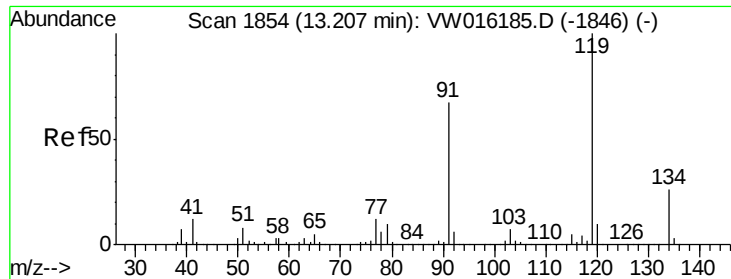
Tgt Ion: 75 Resp: 14727
Ion Ratio Lower Upper
75 100
53 96.0 74.6 111.8
89 46.2 37.2 55.8



#82
4-Chlorotoluene
Concen: 20.071 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.01 min
Lab File: VW016191.D
Acq: 14 Aug 2020 14:49

Tgt Ion: 91 Resp: 212542
Ion Ratio Lower Upper
91 100
126 33.2 16.6 49.8

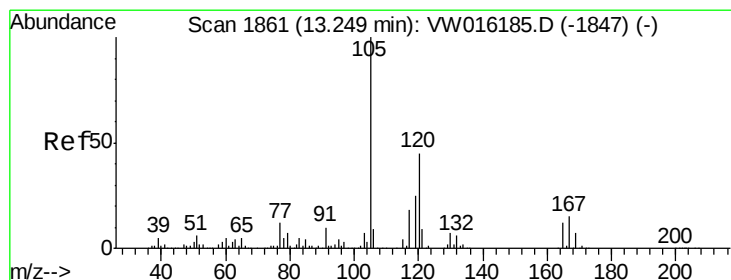
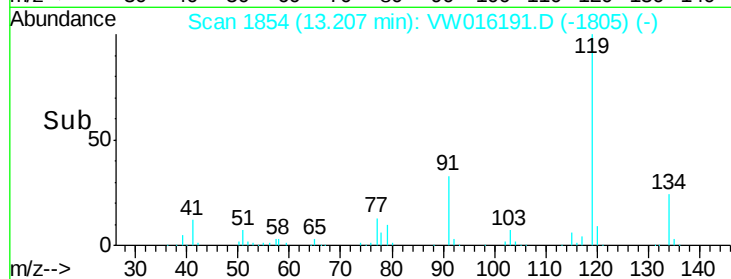
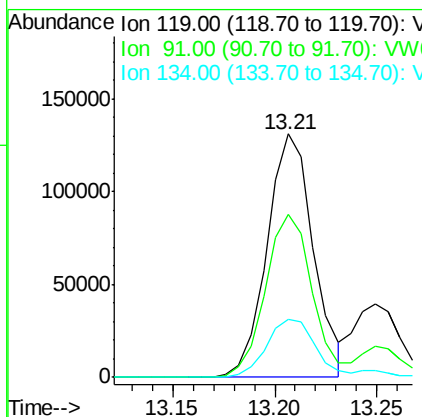
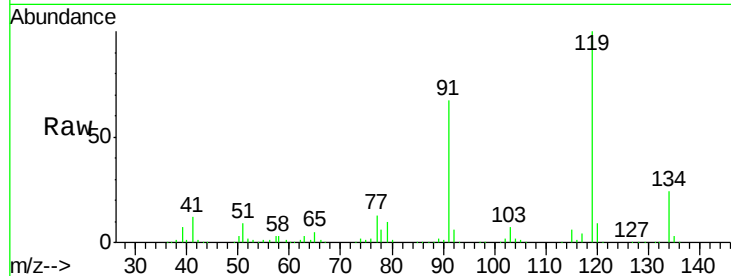




#83
 tert-Butylbenzene
 Concen: 19.963 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW016191.D
 Acq: 14 Aug 2020 14:49

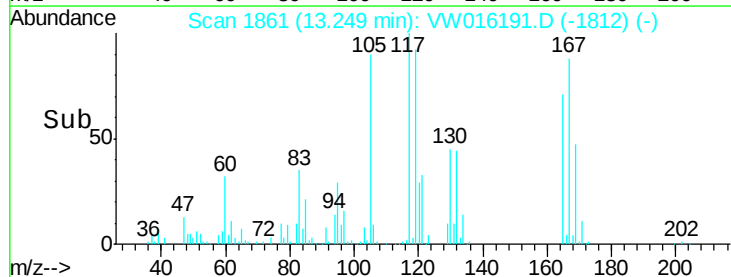
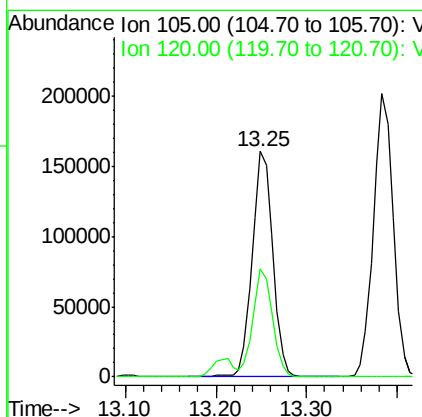
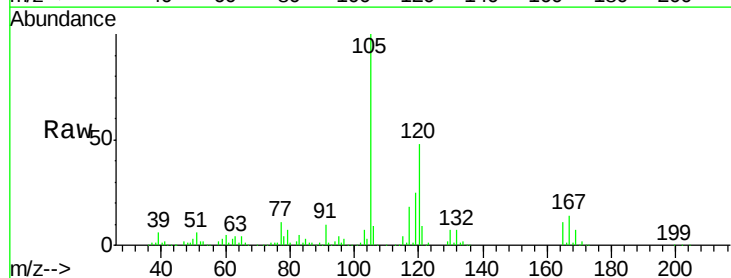
Instrument :
 MSVOA_W
 ClientSampleID :
 VW0814SBSD01

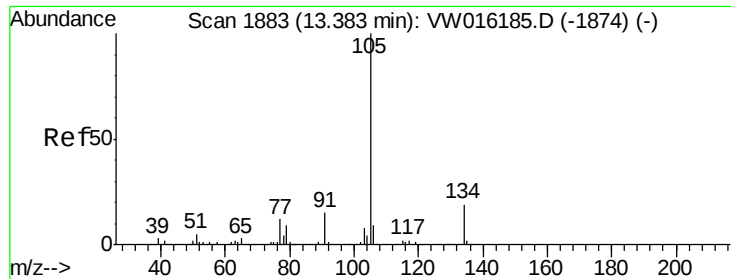
Tgt Ion	Ratio	Lower	Upper
119	100		
91	68.5	33.3	99.9
134	25.3	13.5	40.5



#84
 1,2,4-Trimethylbenzene
 Concen: 20.183 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW016191.D
 Acq: 14 Aug 2020 14:49

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.4	22.2	66.6

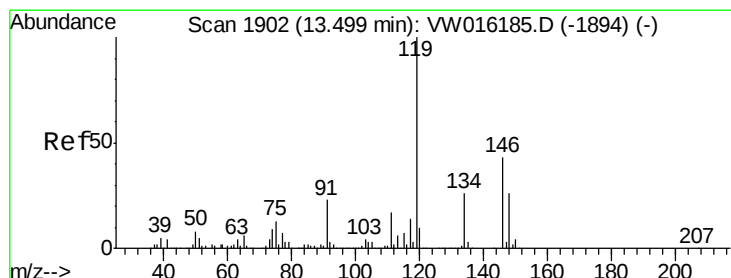
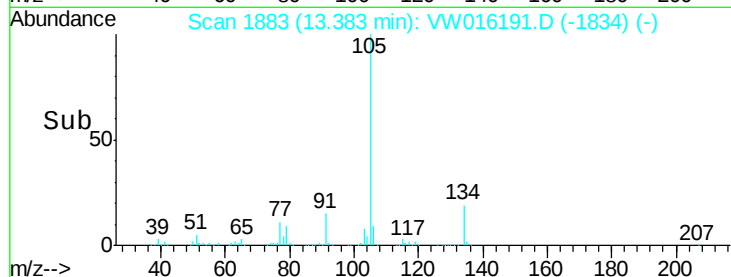
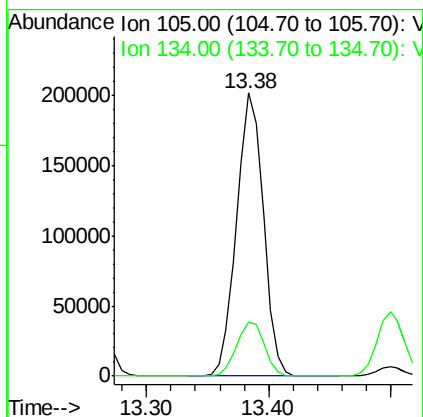
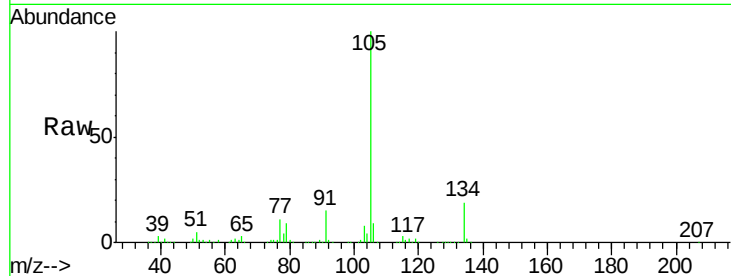




#85
 sec-Butylbenzene
 Concen: 20.242 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW016191.D
 Acq: 14 Aug 2020 14:49

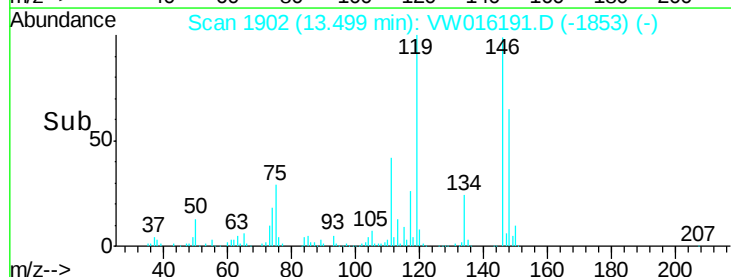
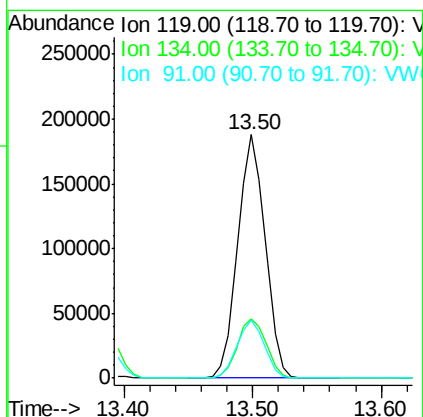
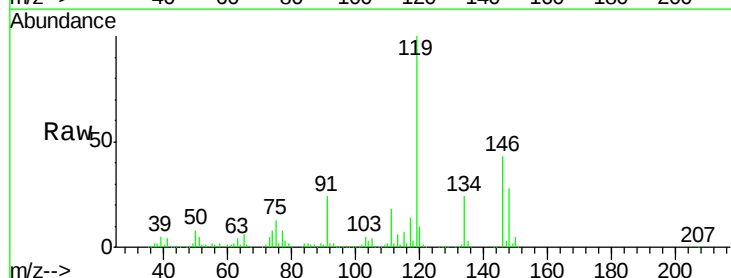
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0814SBSD01

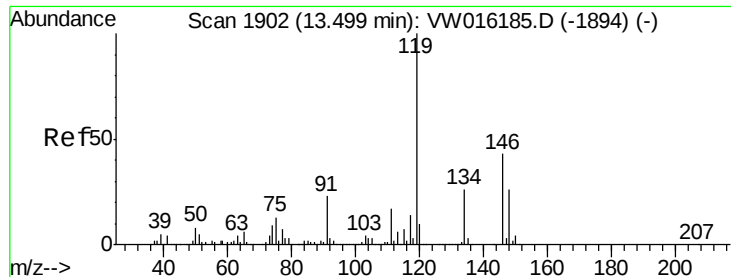
Tgt Ion:105 Resp: 305331
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 20.324 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW016191.D
 Acq: 14 Aug 2020 14:49

Tgt Ion:119 Resp: 277283
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.8 38.4
 91 23.7 11.8 35.3

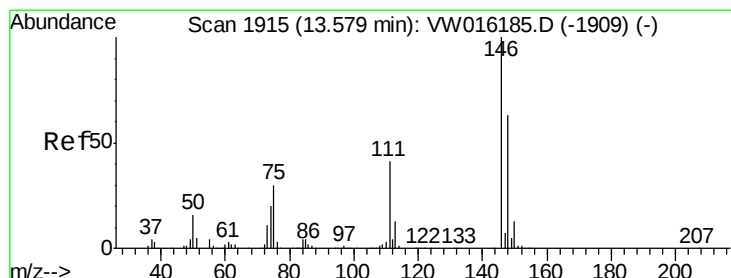
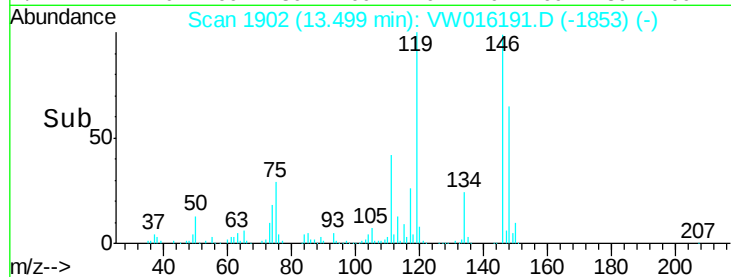
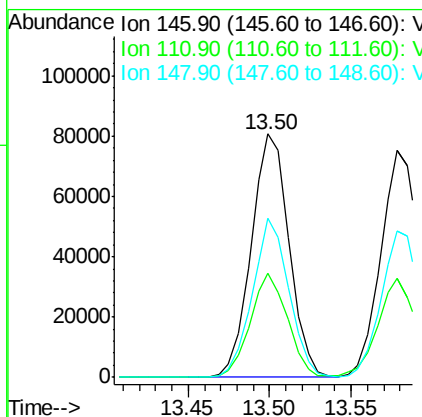
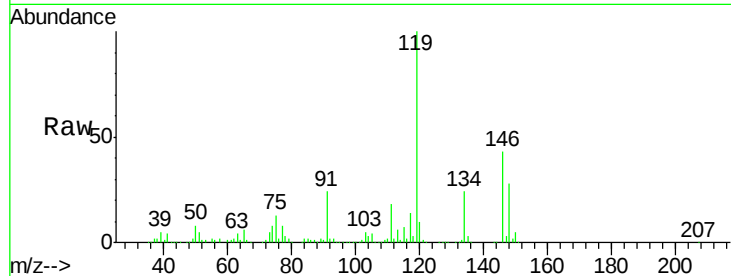




#87
 1,3-Dichlorobenzene
 Concen: 19.849 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW016191.D
 Acq: 14 Aug 2020 14:49

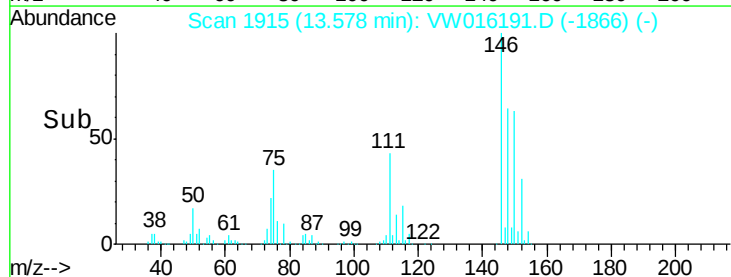
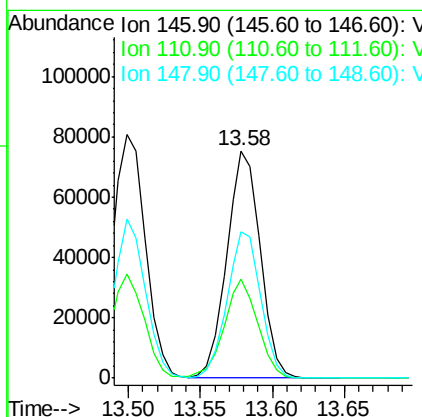
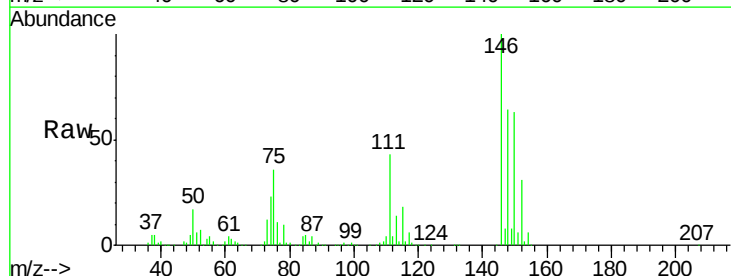
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0814SBSD01

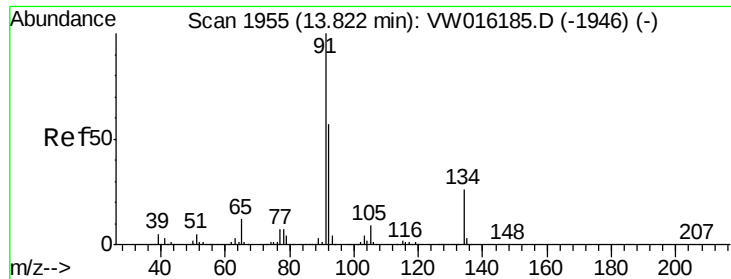
Tgt Ion:146 Resp: 129703
 Ion Ratio Lower Upper
 146 100
 111 42.2 20.8 62.5
 148 63.0 31.1 93.5



#88
 1,4-Dichlorobenzene
 Concen: 19.026 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW016191.D
 Acq: 14 Aug 2020 14:49

Tgt Ion:146 Resp: 122422
 Ion Ratio Lower Upper
 146 100
 111 44.0 20.8 62.2
 148 64.9 32.1 96.3





#89

n-Butylbenzene

Concen: 20.411 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW016191.D

Acq: 14 Aug 2020 14:49

Instrument :

MSVOA_W

ClientSampleId :

VW0814SBSD01

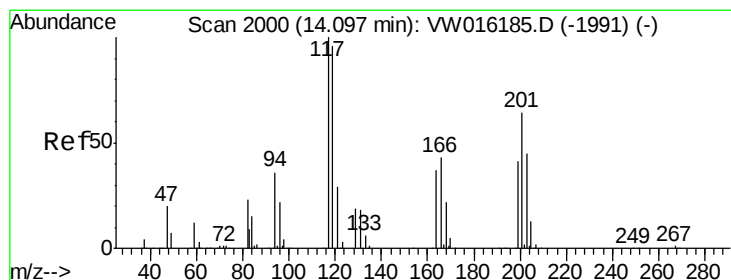
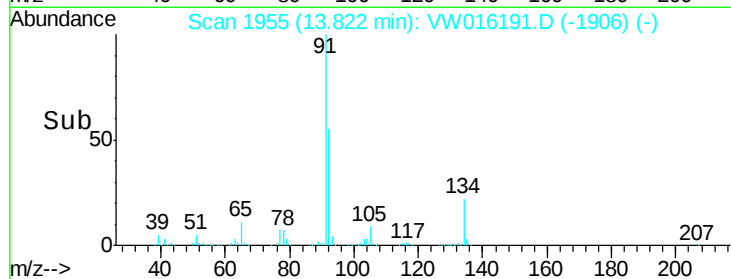
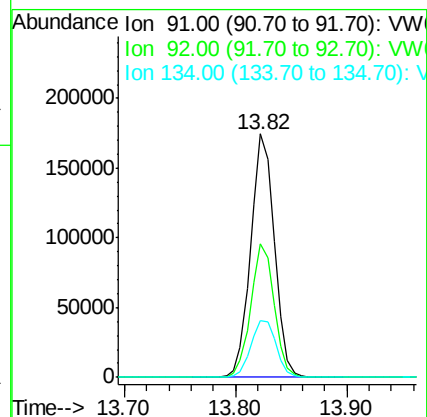
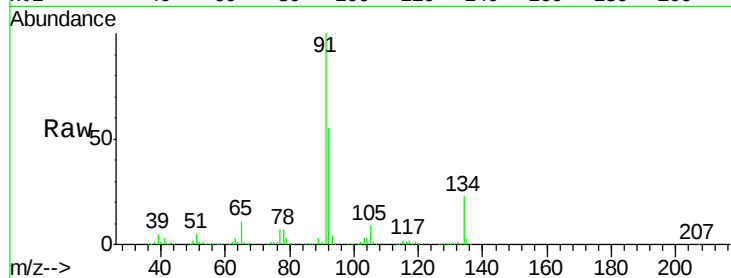
Tgt Ion: 91 Resp: 257618

Ion Ratio Lower Upper

91 100

92 54.3 27.4 82.2

134 25.0 13.0 39.0



#90

Hexachloroethane

Concen: 18.919 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.01 min

Lab File: VW016191.D

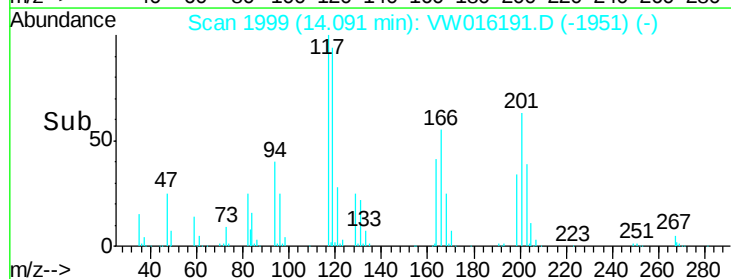
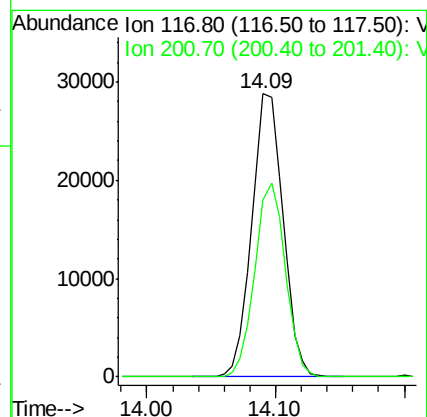
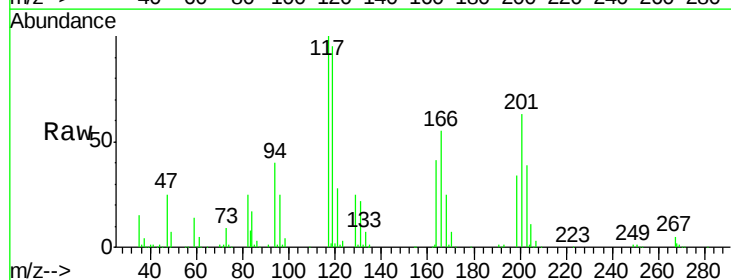
Acq: 14 Aug 2020 14:49

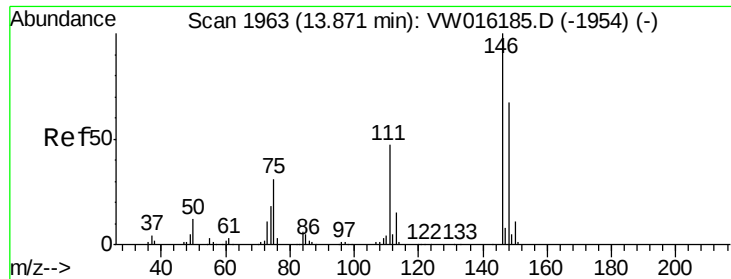
Tgt Ion: 117 Resp: 48169

Ion Ratio Lower Upper

117 100

201 66.9 33.8 101.3

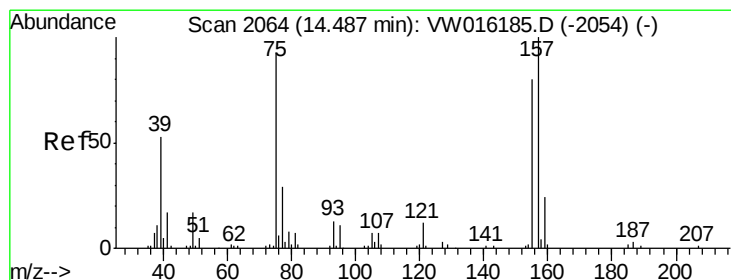
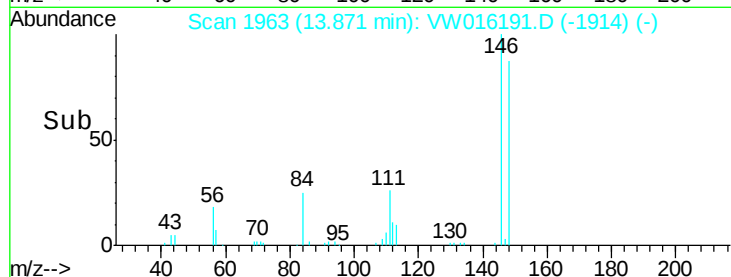
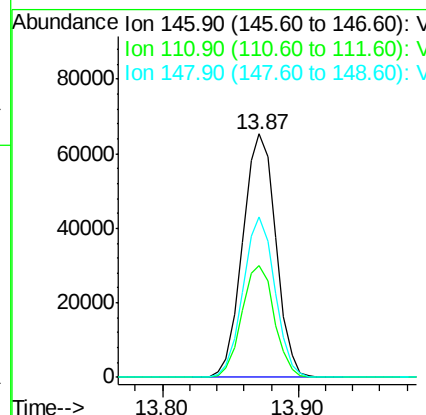
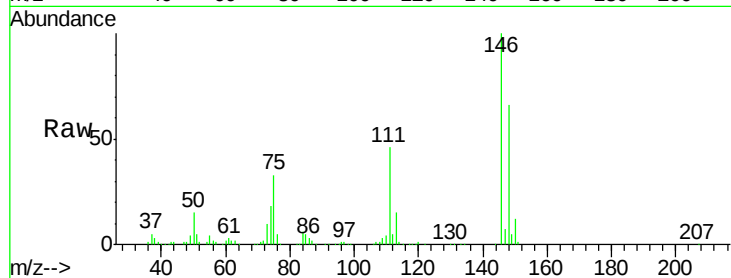




#91
 1,2-Dichlorobenzene
 Concen: 19.524 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW016191.D
 Acq: 14 Aug 2020 14:49

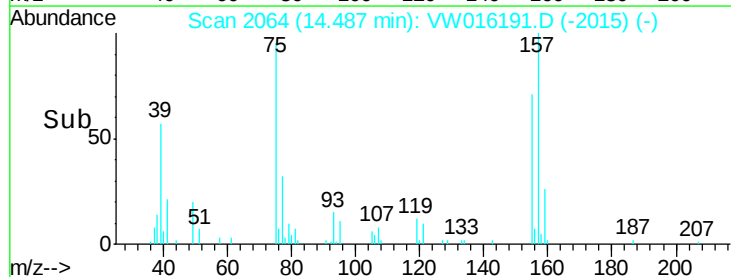
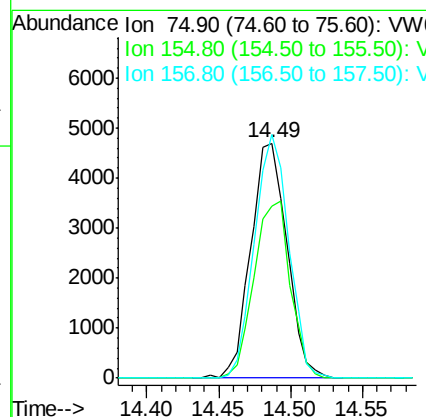
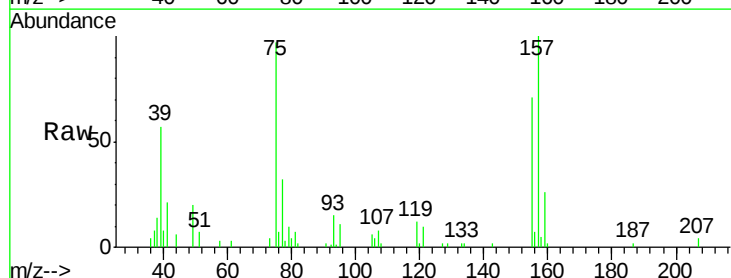
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0814SBSD01

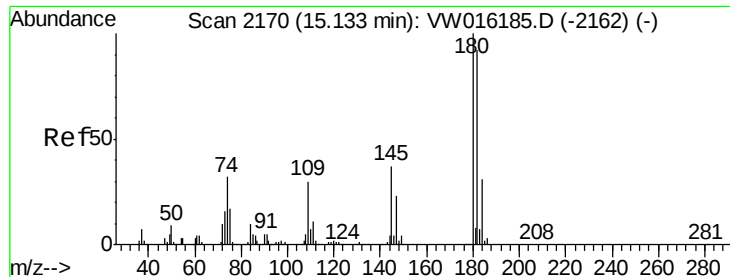
Tgt Ion:146 Resp: 111228
 Ion Ratio Lower Upper
 146 100
 111 44.9 21.9 65.8
 148 63.4 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.531 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW016191.D
 Acq: 14 Aug 2020 14:49

Tgt Ion: 75 Resp: 8170
 Ion Ratio Lower Upper
 75 100
 155 75.2 41.3 124.1
 157 97.9 53.0 159.0

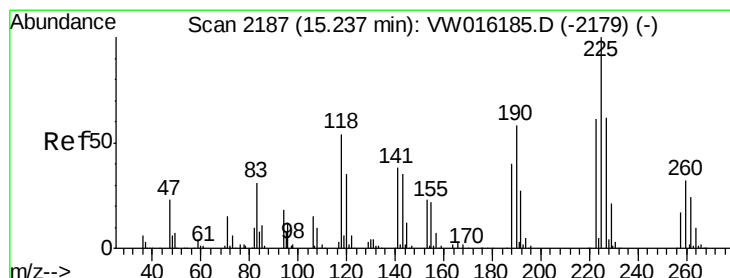
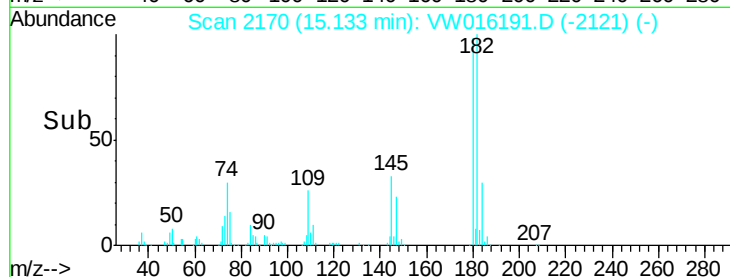
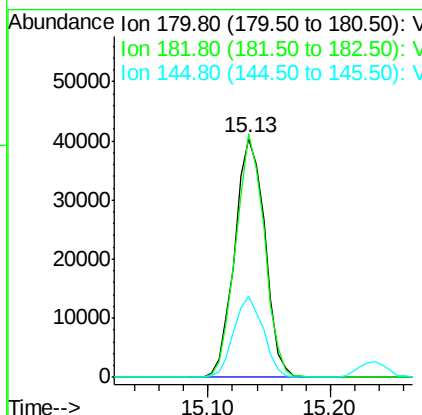
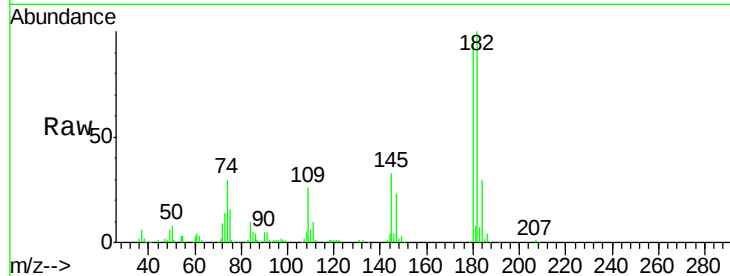




#93
 1,2,4-Trichlorobenzene
 Concen: 20.308 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW016191.D
 Acq: 14 Aug 2020 14:49

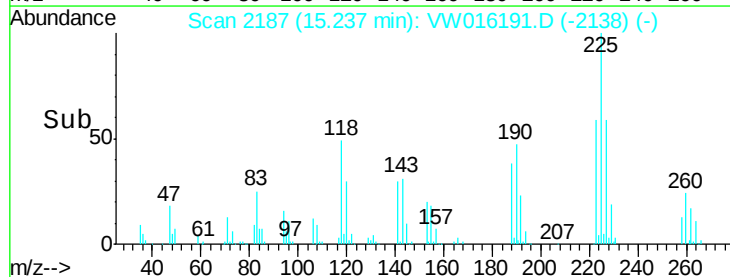
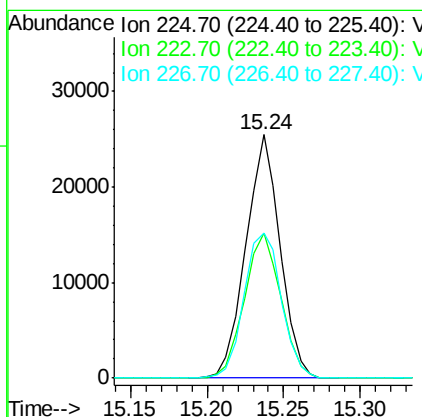
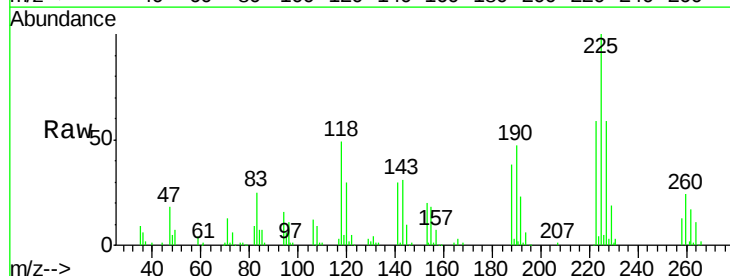
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0814SBSD01

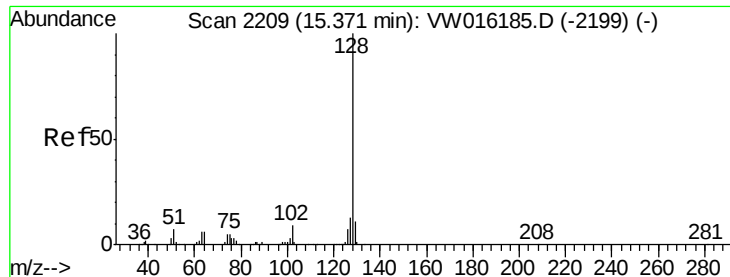
Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	46.0	138.0
145	33.1	16.9	50.7



#94
 Hexachlorobutadiene
 Concen: 19.593 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW016191.D
 Acq: 14 Aug 2020 14:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	33.0	99.0
227	65.2	32.0	96.2

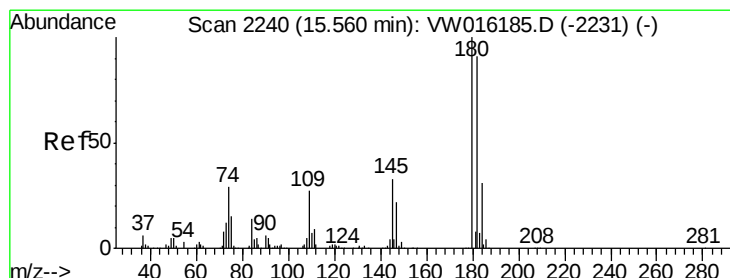
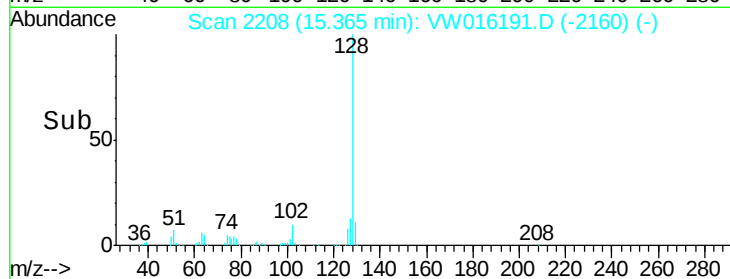
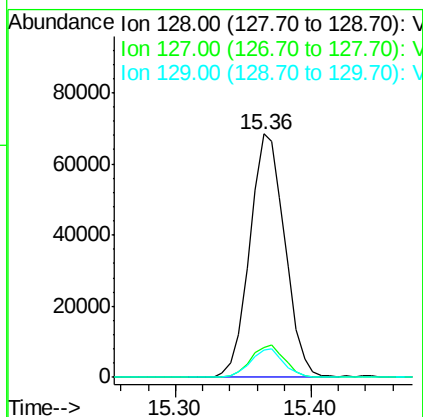
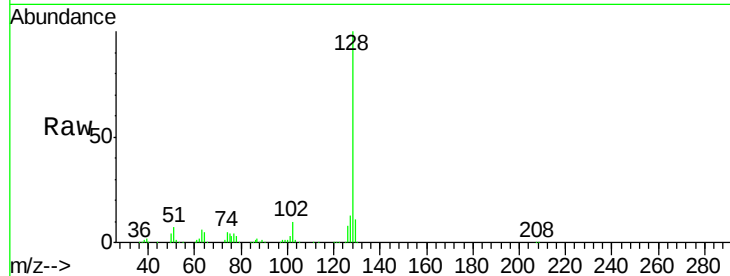




#95
Naphthalene
Concen: 19.734 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.01 min
Lab File: VW016191.D
Acq: 14 Aug 2020 14:49

Instrument :
MSVOA_W
ClientSampleId :
VW0814SBSD01

Tgt Ion:128 Resp: 123958
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 11.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.585 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW016191.D
Acq: 14 Aug 2020 14:49

Tgt Ion:180 Resp: 60059
Ion Ratio Lower Upper
180 100
182 90.0 47.7 143.1
145 34.8 17.4 52.3

