

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071620\
 Data File : VW015862.D
 Acq On : 16 Jul 2020 15:07
 Operator : SY/VA
 Sample : VW0716SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0716SBS01

Quant Time: Jul 16 18:00:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070720S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 08:28:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	262488	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	415596	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	376383	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	188896	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	124989	46.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.48%	
35) Dibromofluoromethane	7.89	113	112116	46.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.48%	
50) Toluene-d8	10.33	98	438032	47.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.06%	
62) 4-Bromofluorobenzene	12.62	95	165949	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	26732	19.337	ug/l	94
3) Chloromethane	2.21	50	34680	18.472	ug/l	97
4) Vinyl Chloride	2.37	62	58498	20.181	ug/l	95
5) Bromomethane	2.79	94	38084	17.170	ug/l	96
6) Chloroethane	2.93	64	36881	18.853	ug/l	99
7) Trichlorofluoromethane	3.26	101	44109	21.173	ug/l	97
8) Diethyl Ether	3.68	74	25061	19.307	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	50304	20.628	ug/l	99
10) Methyl Iodide	4.27	142	71419	20.946	ug/l	99
11) Tert butyl alcohol	5.17	59	15562	106.818	ug/l	97
12) 1,1-Dichloroethene	4.04	96	48613	20.275	ug/l	98
13) Acrolein	3.89	56	14436	76.989	ug/l	94
14) Allyl chloride	4.67	41	77207	19.812	ug/l	97
15) Acrylonitrile	5.37	53	50382	99.274	ug/l	99
16) Acetone	4.12	43	49389	97.655	ug/l	98
17) Carbon Disulfide	4.38	76	142636	19.998	ug/l	99
18) Methyl Acetate	4.67	43	22566	19.606	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	68946	19.213	ug/l	100
20) Methylene Chloride	4.91	84	86192	31.489	ug/l	95
21) trans-1,2-Dichloroethene	5.43	96	53978	19.437	ug/l	99
22) Diisopropyl ether	6.32	45	154177	19.632	ug/l	98
23) Vinyl Acetate	6.26	43	441918	94.609	ug/l	99
24) 1,1-Dichloroethane	6.22	63	97268	19.563	ug/l	100
25) 2-Butanone	7.18	43	67144	97.806	ug/l	99
26) 2,2-Dichloropropane	7.17	77	65090	20.867	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	57696	19.348	ug/l	98
28) Bromochloromethane	7.51	49	42210	21.414	ug/l	99
29) Tetrahydrofuran	7.54	42	41363	99.289	ug/l	98
30) Chloroform	7.68	83	96985	19.082	ug/l	99
31) Cyclohexane	7.96	56	93111	19.898	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	83045	19.485	ug/l	99
36) 1,1-Dichloropropene	8.09	75	80254	19.590	ug/l	100
37) Ethyl Acetate	7.26	43	29697	18.656	ug/l	99
38) Carbon Tetrachloride	8.07	117	74934	18.903	ug/l	95

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 ALS Vial : 5 Sample Multiplier: 1

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070720S.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	96038	19.866	ug/l	99
40) Benzene	8.33	78	217611	19.391	ug/l	100
41) Methacrylonitrile	7.49	41	16760	18.545	ug/l	95
42) 1,2-Dichloroethane	8.40	62	65631	18.791	ug/l	99
43) Isopropyl Acetate	8.43	43	56788	18.276	ug/l	99
44) Trichloroethene	9.09	130	56529	19.044	ug/l	93
45) 1,2-Dichloropropane	9.37	63	53861	19.526	ug/l	100
46) Dibromomethane	9.46	93	27239	19.181	ug/l	97
47) Bromodichloromethane	9.65	83	69672	18.968	ug/l	99
48) Methyl methacrylate	9.44	41	27120	19.045	ug/l	96
49) 1,4-Dioxane	9.45	88	7002	398.807	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	142859	94.219	ug/l	99
52) Toluene	10.39	92	138824	19.223	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	65101	18.472	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	79989	18.973	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	37375	18.980	ug/l	98
56) Ethyl methacrylate	10.65	69	45822	18.927	ug/l	96
57) 1,3-Dichloropropane	10.93	76	67531	19.372	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.93	63	120204	101.615	ug/l	99
59) 2-Hexanone	10.97	43	98758	97.599	ug/l	100
60) Dibromochloromethane	11.13	129	42042	18.486	ug/l	100
61) 1,2-Dibromoethane	11.24	107	35485	18.833	ug/l	98
64) Tetrachloroethene	10.87	164	46917	19.697	ug/l	96
65) Chlorobenzene	11.66	112	143043	19.434	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	49604	19.044	ug/l	99
67) Ethyl Benzene	11.73	91	267003	19.588	ug/l	96
68) m/p-Xylenes	11.84	106	202555	39.558	ug/l	99
69) o-Xylene	12.17	106	90748	19.416	ug/l	99
70) Styrene	12.18	104	156829	19.501	ug/l	99
71) Bromoform	12.35	173	21858	18.385	ug/l #	97
73) Isopropylbenzene	12.46	105	255134	19.172	ug/l	100
74) N-amyl acetate	12.27	43	54398	19.107	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	42837	19.373	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	54752	32.980	ug/l #	1
77) Bromobenzene	12.75	156	57750	19.354	ug/l	96
78) n-propylbenzene	12.80	91	319347	19.771	ug/l	99
79) 2-Chlorotoluene	12.90	91	179293	19.464	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	223363	19.693	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	12311	19.283	ug/l	96
82) 4-Chlorotoluene	12.99	91	188662	19.613	ug/l	100
83) tert-Butylbenzene	13.21	119	181889	19.317	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	227869	20.118	ug/l	98
85) sec-Butylbenzene	13.38	105	270990	19.928	ug/l	100
86) p-Isopropyltoluene	13.50	119	249355	20.081	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	117346	19.618	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	112457	19.205	ug/l	98
89) n-Butylbenzene	13.82	91	240198	20.213	ug/l	99
90) Hexachloroethane	14.10	117	42726	18.983	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	101045	19.499	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	6894	19.513	ug/l	98

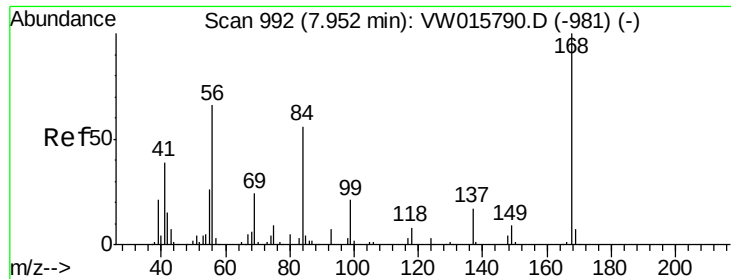
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW071620\
Data File : VW015862.D
Acq On : 16 Jul 2020 15:07
Operator : SY/VA
Sample : VW0716SBSD01
Misc : 5.00G/5ML/MSVOA_W/SOIL
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Instrument :
MSVOA_W
ClientSampleId :
VW0716SBSD01

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W070720S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 08 08:28:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	65298	19.987	ug/l	97
94) Hexachlorobutadiene	15.24	225	41949	20.223	ug/l	95
95) Naphthalene	15.37	128	111607	20.072	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	58424	21.016	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW015862.D

Acq: 16 Jul 2020 15:07

Instrument :

MSVOA_W

ClientSampleId :

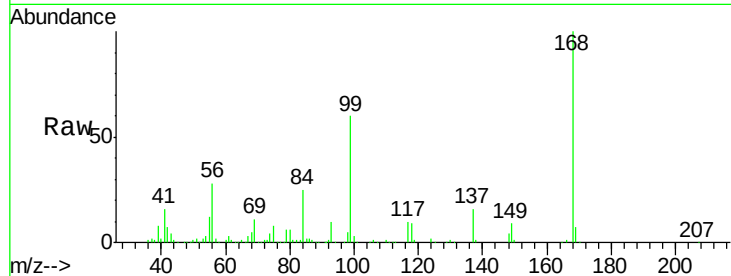
VW0716SBSD01

Tgt Ion:168 Resp: 262488

Ion Ratio Lower Upper

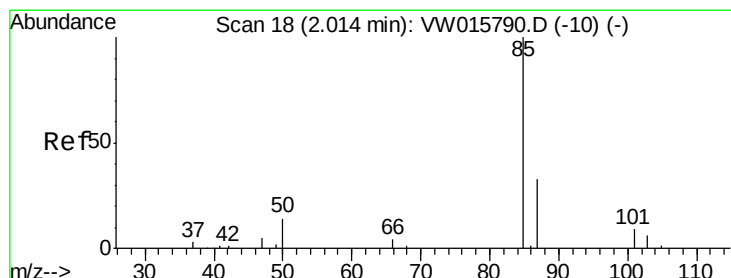
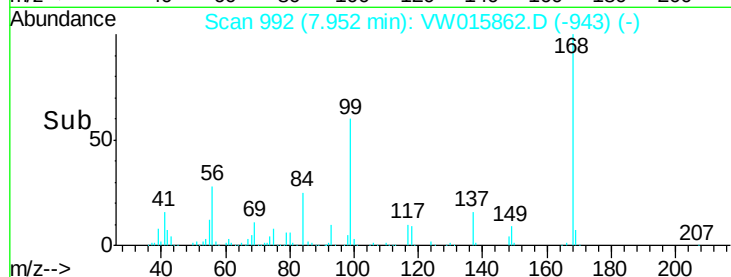
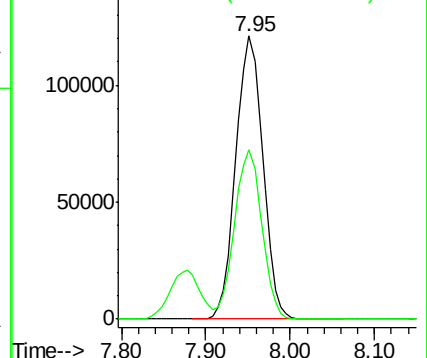
168 100

99 59.8 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 19.337 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW015862.D

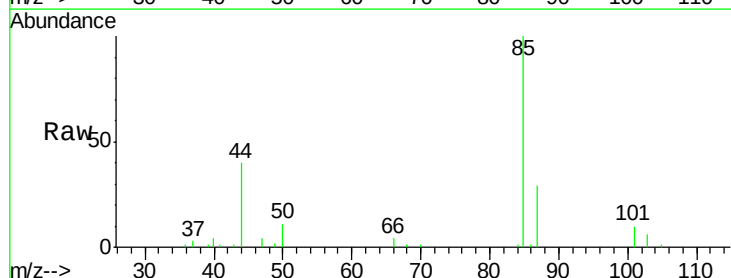
Acq: 16 Jul 2020 15:07

Tgt Ion: 85 Resp: 26732

Ion Ratio Lower Upper

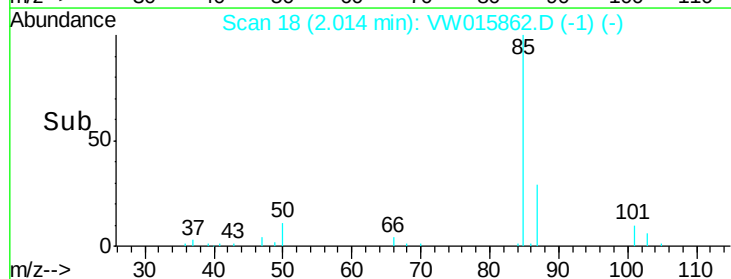
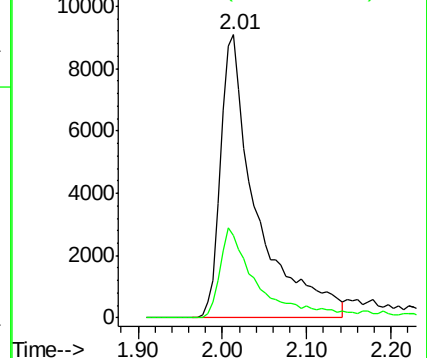
85 100

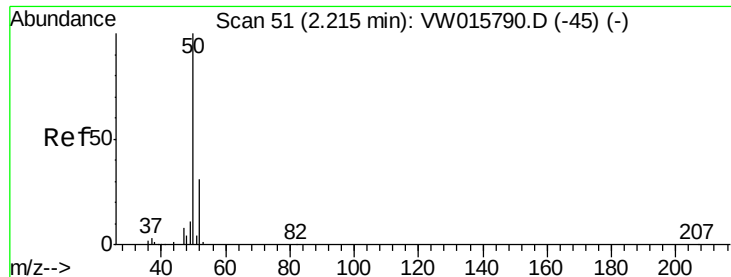
87 29.2 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 18.472 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW015862.D

Acq: 16 Jul 2020 15:07

Instrument :

MSVOA_W

ClientSampleId :

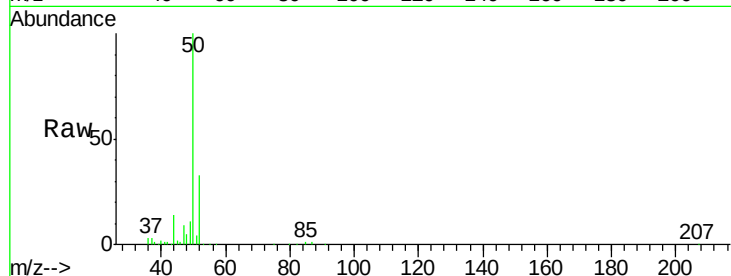
VW0716SBSD01

Tgt Ion: 50 Resp: 34680

Ion Ratio Lower Upper

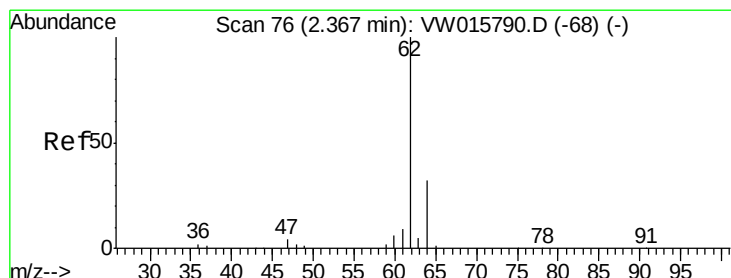
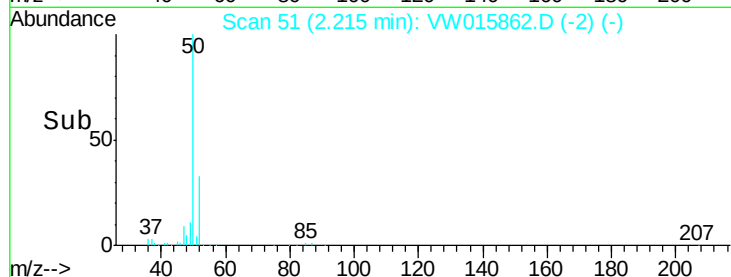
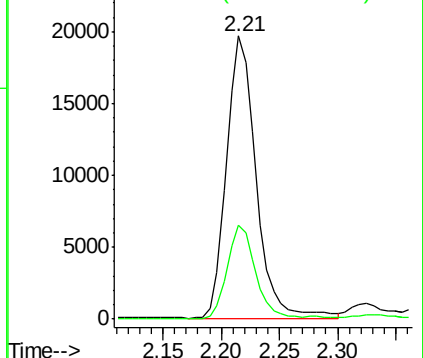
50 100

52 33.1 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 20.181 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW015862.D

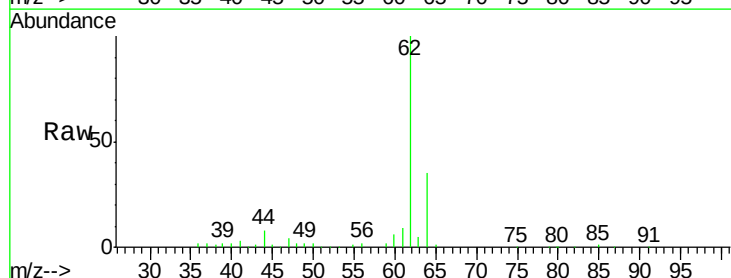
Acq: 16 Jul 2020 15:07

Tgt Ion: 62 Resp: 58498

Ion Ratio Lower Upper

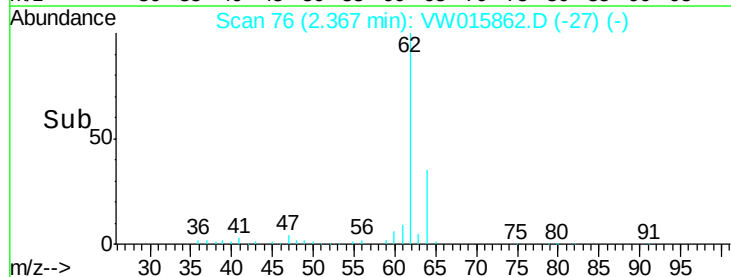
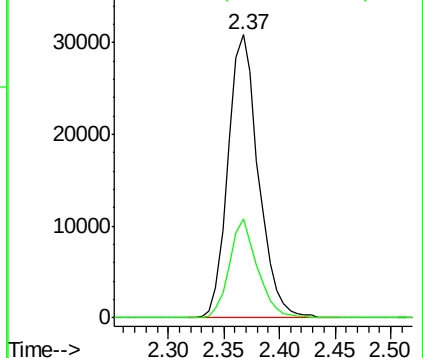
62 100

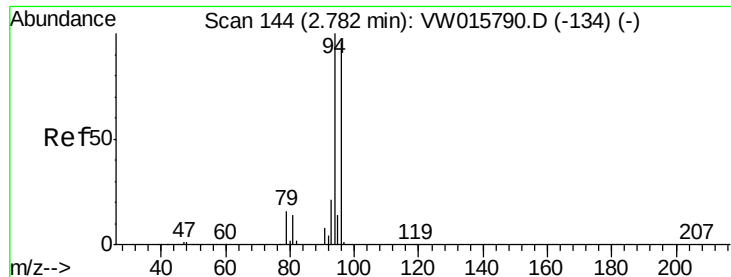
64 34.8 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 17.170 ug/l

RT: 2.79 min Scan# 145

Delta R.T. 0.01 min

Lab File: VW015862.D

Acq: 16 Jul 2020 15:07

Instrument :

MSVOA_W

ClientSampleId :

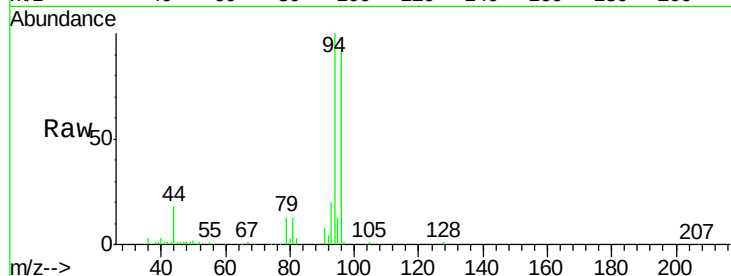
VW0716SBSD01

Tgt Ion: 94 Resp: 38084

Ion Ratio Lower Upper

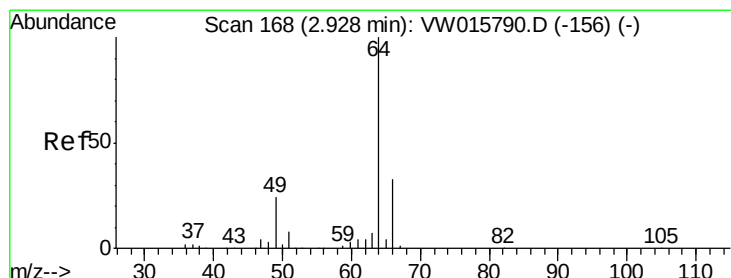
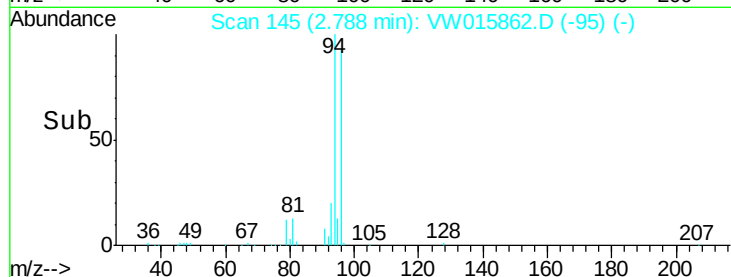
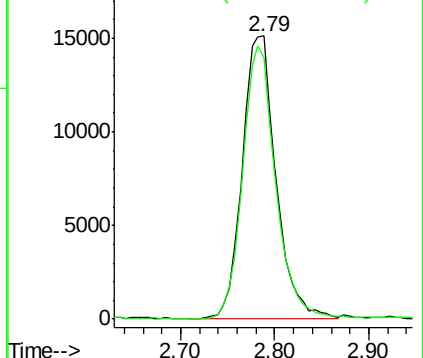
94 100

96 92.4 76.7 115.1



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 18.853 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW015862.D

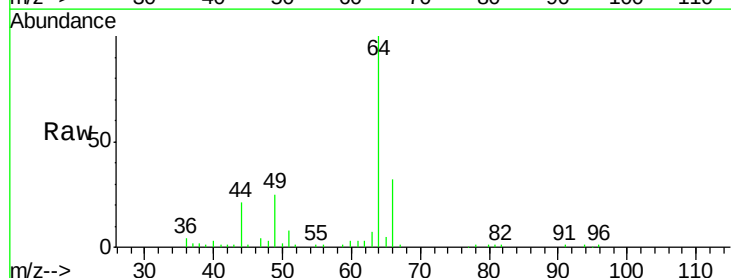
Acq: 16 Jul 2020 15:07

Tgt Ion: 64 Resp: 36881

Ion Ratio Lower Upper

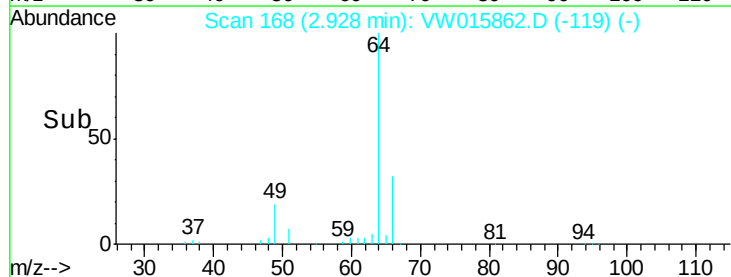
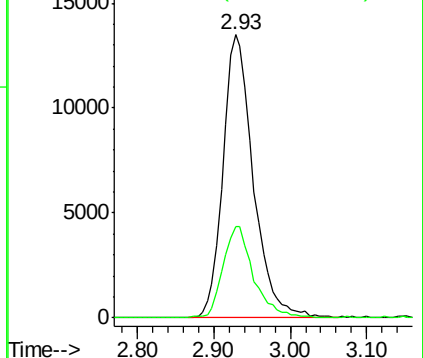
64 100

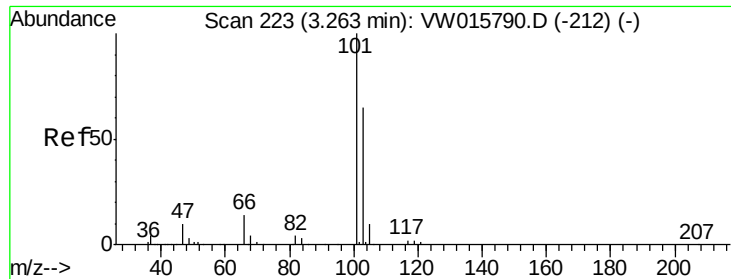
66 32.2 26.0 39.0



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



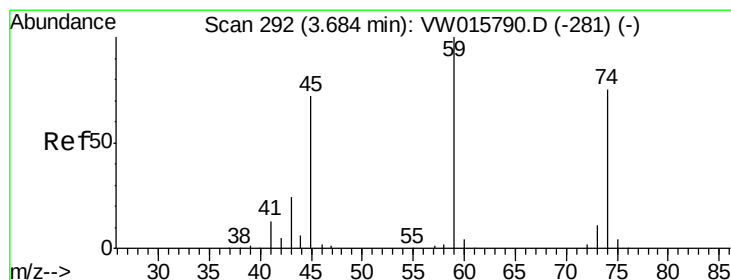
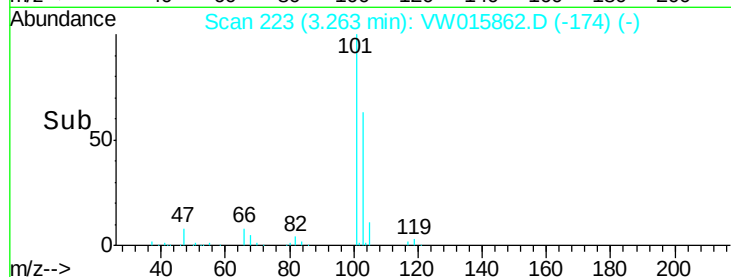
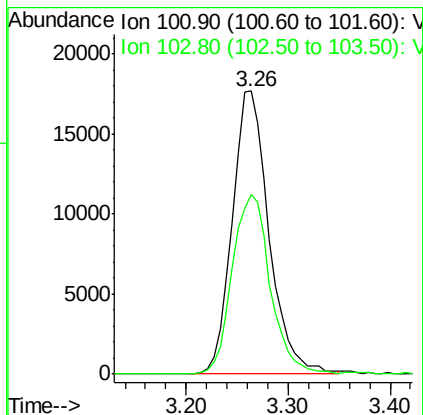
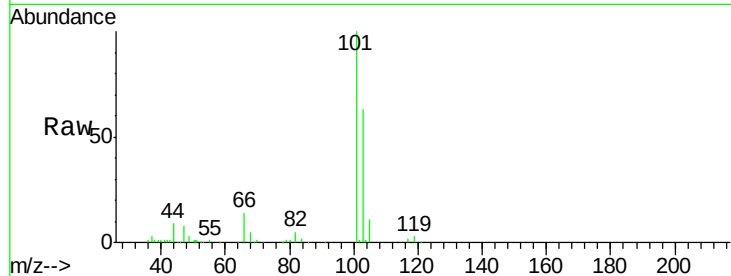


#7

Trichlorofluoromethane
Concen: 21.173 ug/l
RT: 3.26 min Scan# 223
Delta R.T. 0.00 min
Lab File: VW015862.D
Acq: 16 Jul 2020 15:07

Instrument :
MSVOA_W
ClientSampleId :
VW0716SBSD01

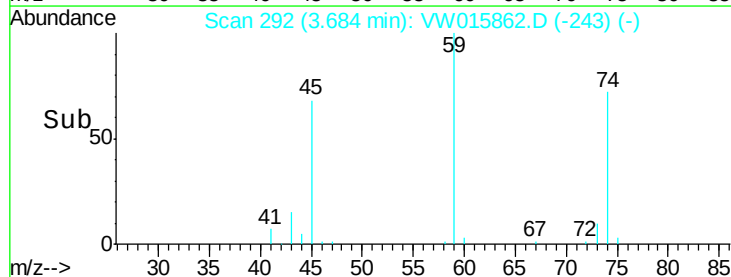
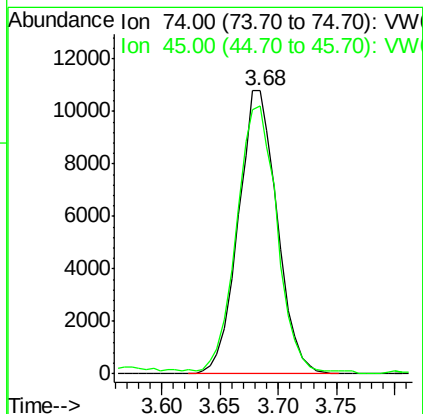
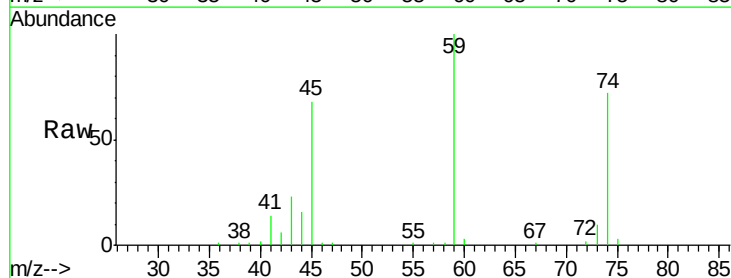
Tgt Ion:101 Resp: 44109
Ion Ratio Lower Upper
101 100
103 63.3 52.2 78.4

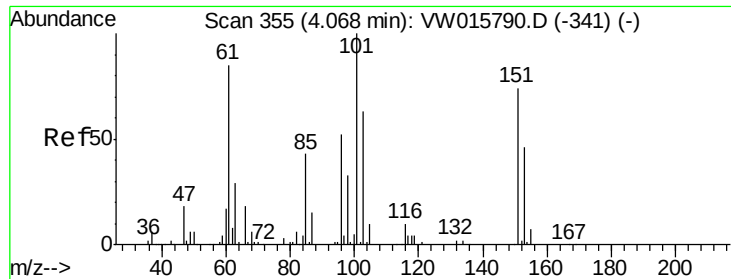


#8

Diethyl Ether
Concen: 19.307 ug/l
RT: 3.68 min Scan# 292
Delta R.T. 0.00 min
Lab File: VW015862.D
Acq: 16 Jul 2020 15:07

Tgt Ion: 74 Resp: 25061
Ion Ratio Lower Upper
74 100
45 99.5 48.6 145.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.628 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW015862.D

Acq: 16 Jul 2020 15:07

Instrument :

MSVOA_W

ClientSampleId :

VW0716SBSD01

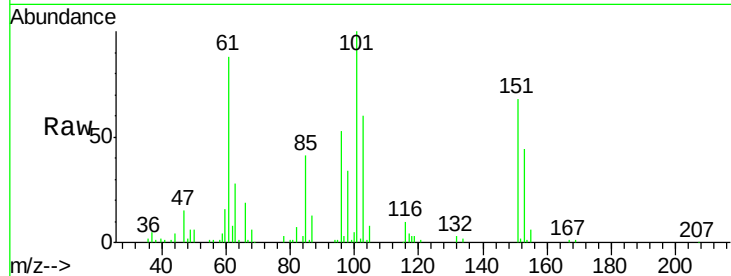
Tgt Ion:101 Resp: 50304

Ion Ratio Lower Upper

101 100

85 44.8 36.1 54.1

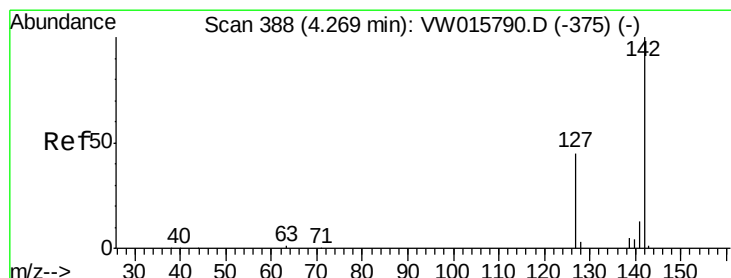
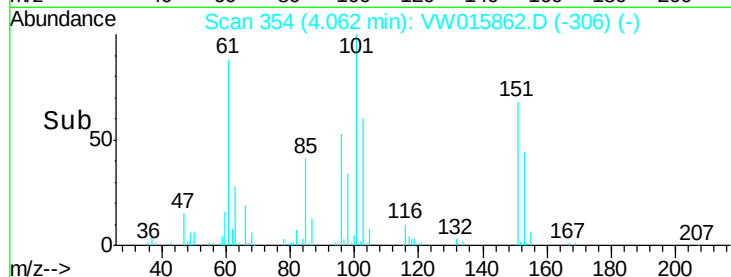
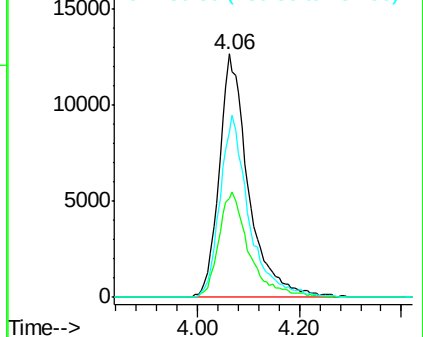
151 74.0 60.3 90.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.946 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW015862.D

Acq: 16 Jul 2020 15:07

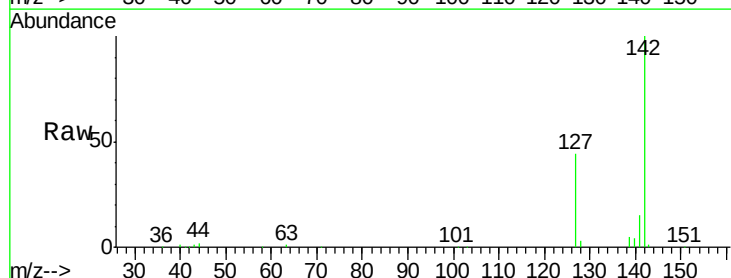
Tgt Ion:142 Resp: 71419

Ion Ratio Lower Upper

142 100

127 44.0 36.1 54.1

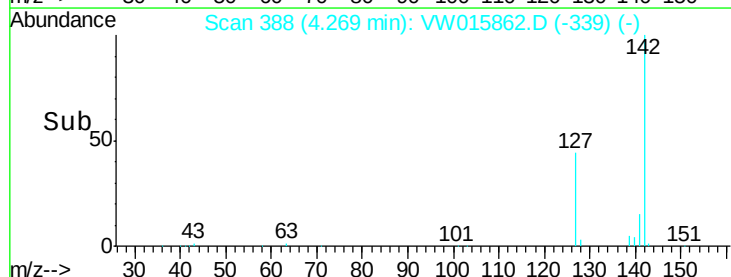
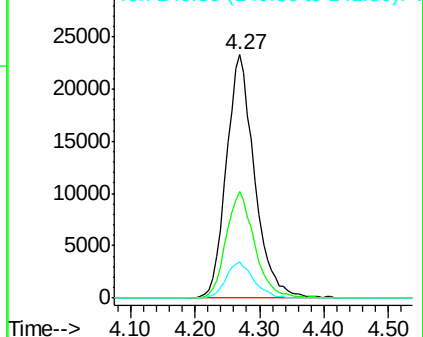
141 14.8 11.7 17.5

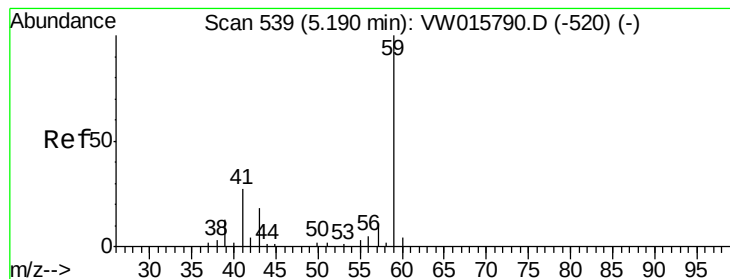


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



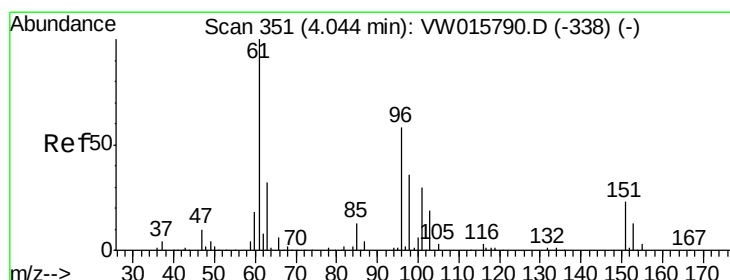
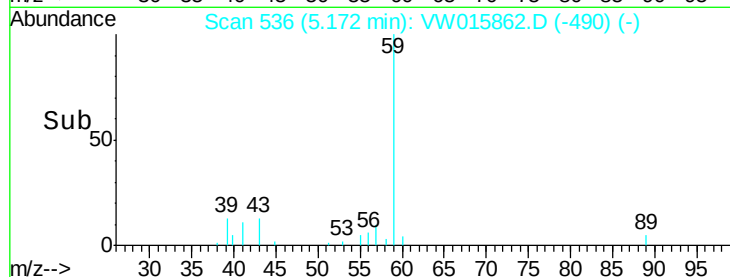
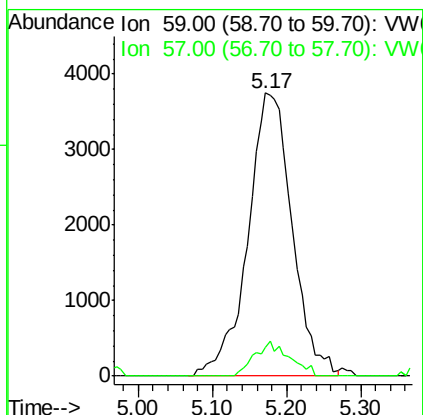
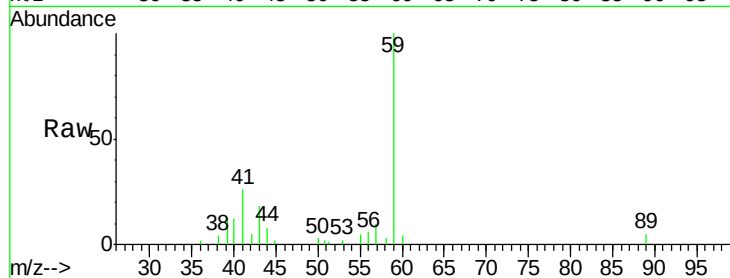


#11

Tert butyl alcohol
Concen: 106.818 ug/l
RT: 5.17 min Scan# 536
Delta R.T. -0.02 min
Lab File: VW015862.D
Acq: 16 Jul 2020 15:07

Instrument :
MSVOA_W
ClientSampleId :
VW0716SBSD01

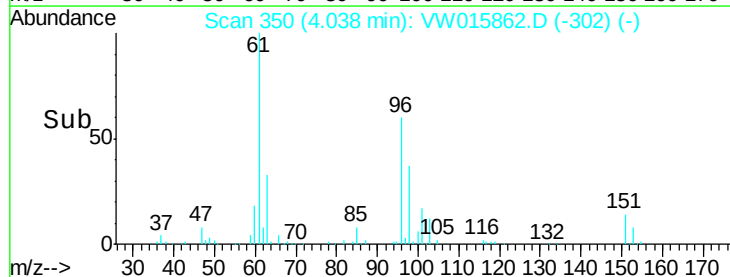
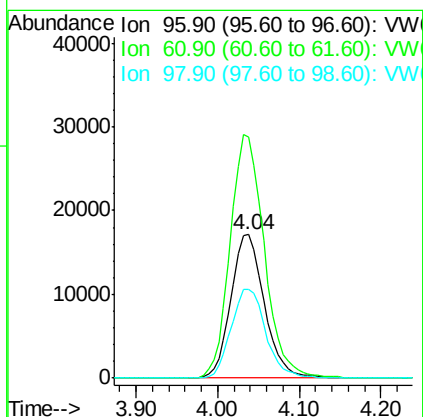
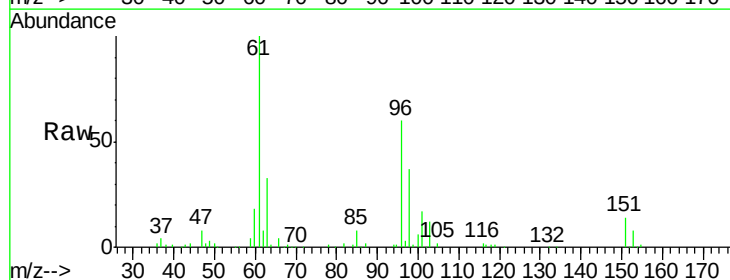
Tgt Ion: 59 Resp: 15562
Ion Ratio Lower Upper
59 100
57 9.7 8.7 13.1

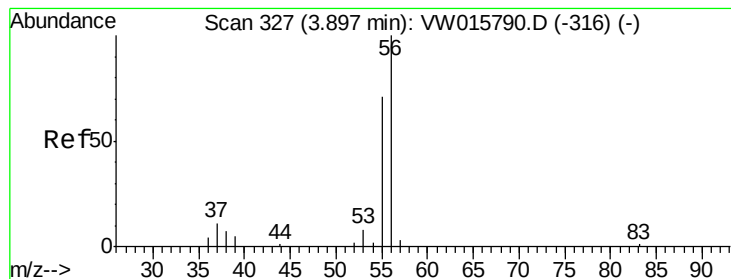


#12

1,1-Dichloroethene
Concen: 20.275 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.01 min
Lab File: VW015862.D
Acq: 16 Jul 2020 15:07

Tgt Ion: 96 Resp: 48613
Ion Ratio Lower Upper
96 100
61 167.6 137.0 205.4
98 61.7 49.3 73.9





#13

Acrolein

Concen: 76.989 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW015862.D

Acq: 16 Jul 2020 15:07

Instrument :

MSVOA_W

ClientSampleId :

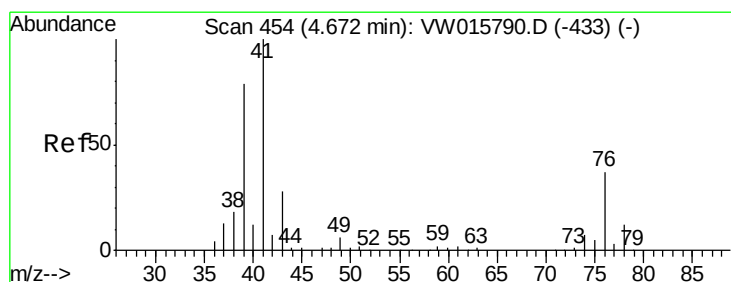
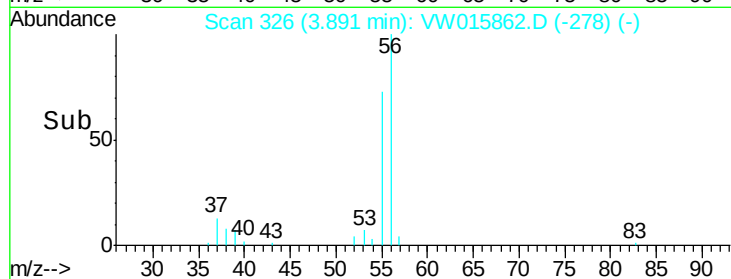
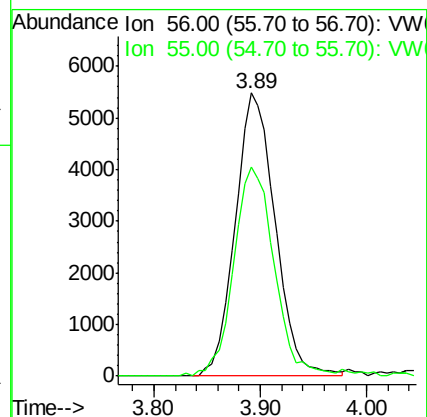
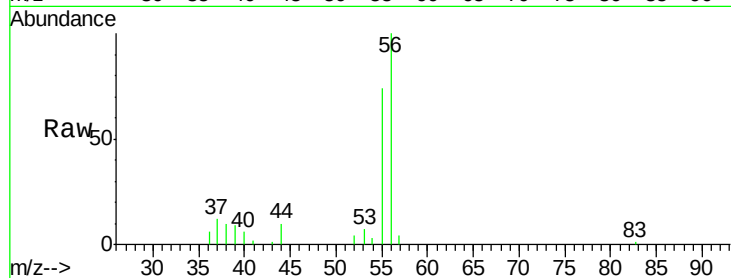
VW0716SBSD01

Tgt Ion: 56 Resp: 14436

Ion Ratio Lower Upper

56 100

55 74.7 55.8 83.6



#14

Allyl chloride

Concen: 19.812 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.00 min

Lab File: VW015862.D

Acq: 16 Jul 2020 15:07

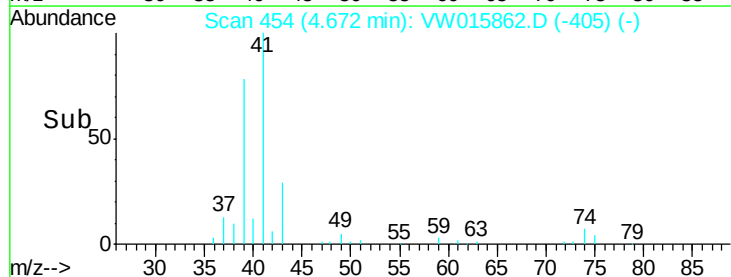
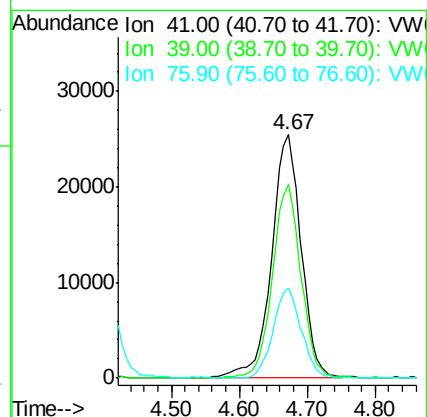
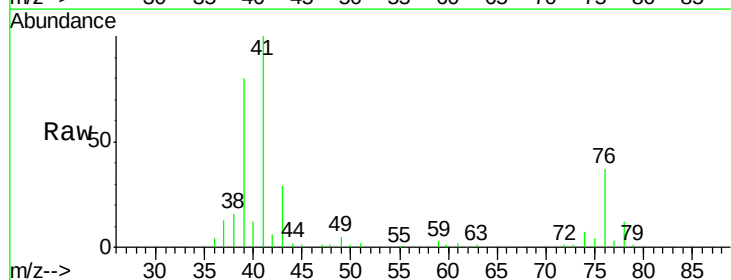
Tgt Ion: 41 Resp: 77207

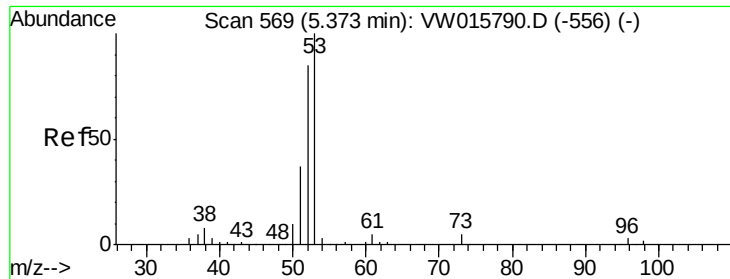
Ion Ratio Lower Upper

41 100

39 76.8 64.0 96.0

76 35.0 28.9 43.3





#15

Acrylonitrile

Concen: 99.274 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.00 min

Lab File: VW015862.D

Acq: 16 Jul 2020 15:07

Instrument :

MSVOA_W

ClientSampleId :

VW0716SBSD01

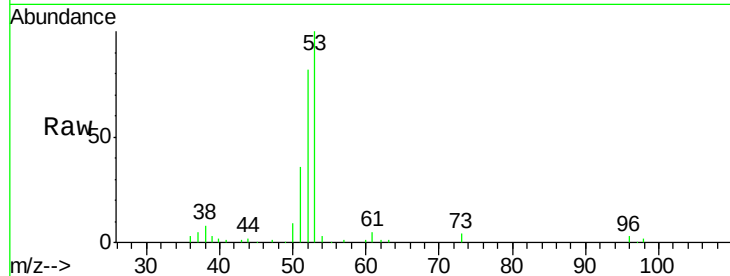
Tgt Ion: 53 Resp: 50382

Ion Ratio Lower Upper

53 100

52 83.2 65.8 98.8

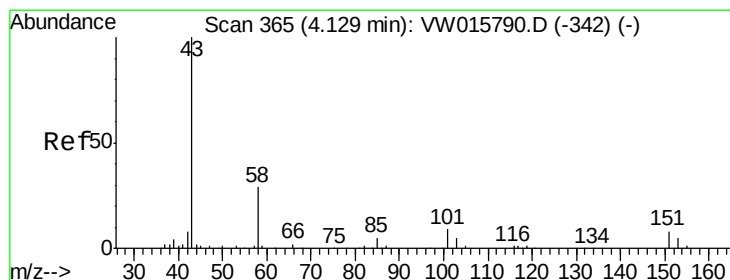
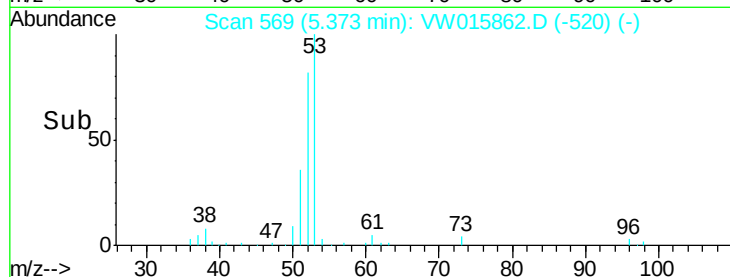
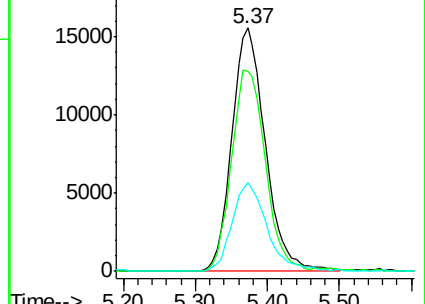
51 37.9 30.2 45.2



Abundance Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 97.655 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW015862.D

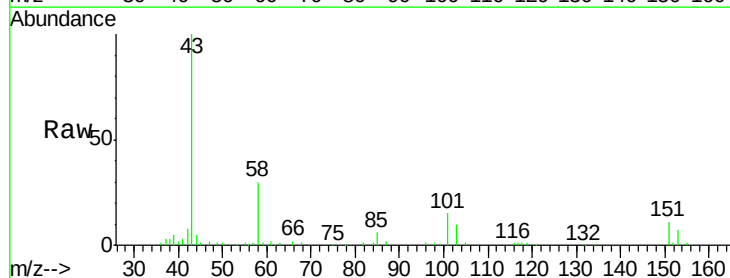
Acq: 16 Jul 2020 15:07

Tgt Ion: 43 Resp: 49389

Ion Ratio Lower Upper

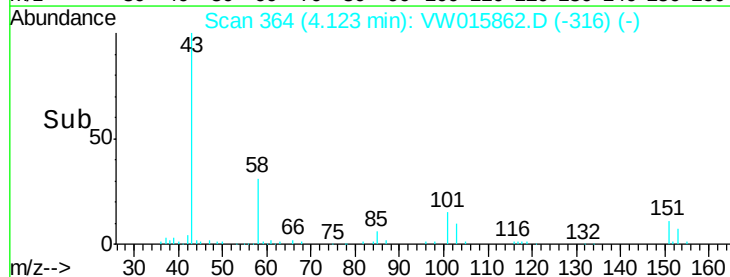
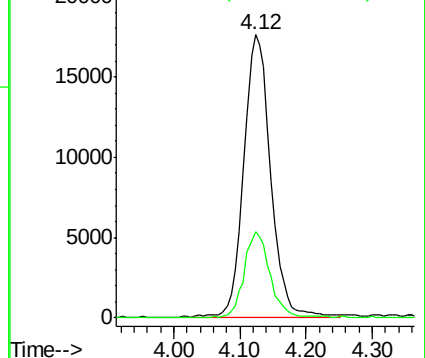
43 100

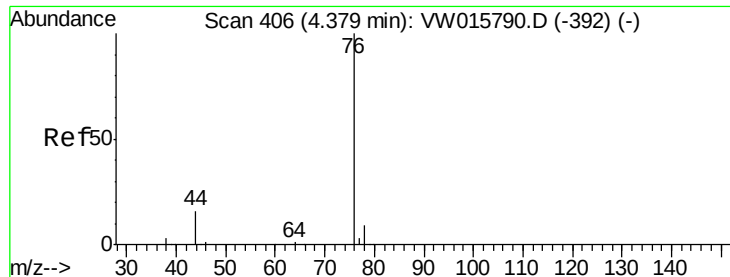
58 30.4 23.5 35.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

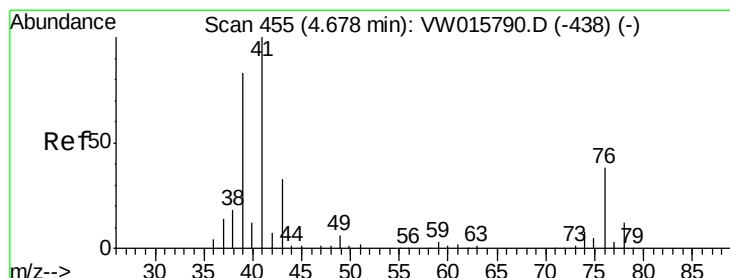
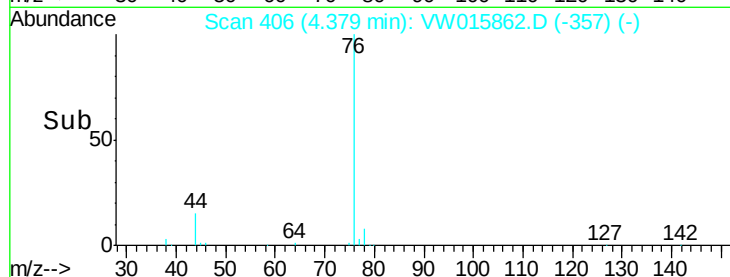
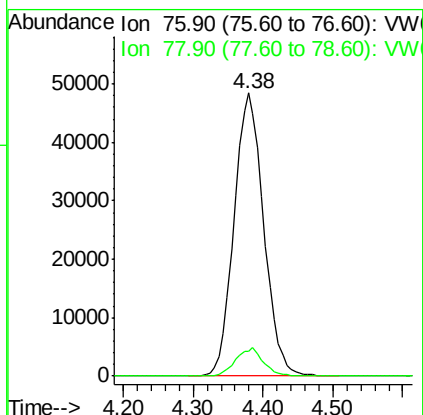
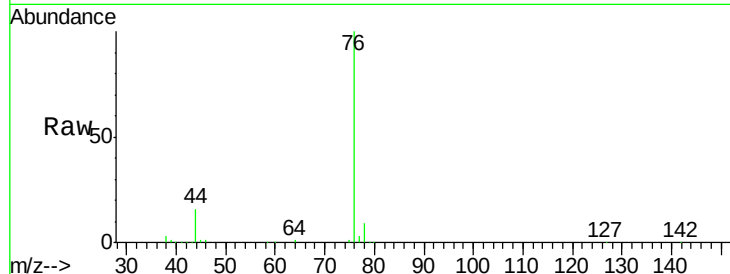




#17
Carbon Disulfide
Concen: 19.998 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.00 min
Lab File: VW015862.D
Acq: 16 Jul 2020 15:07

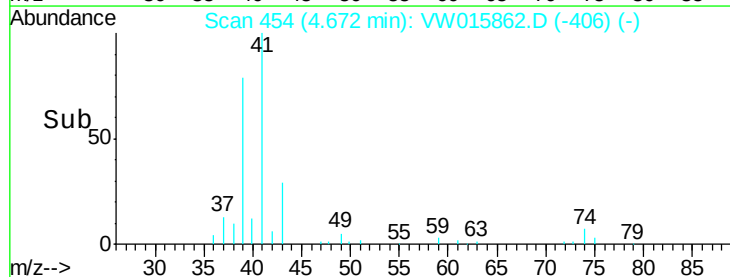
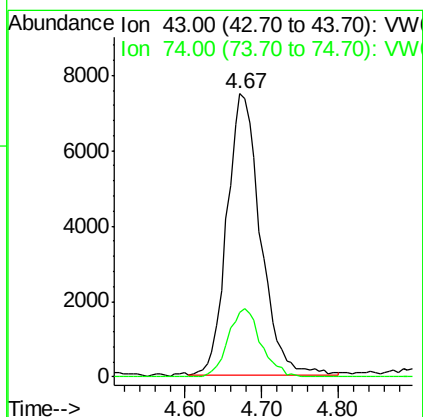
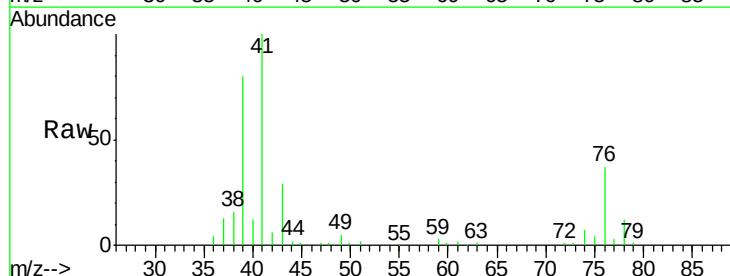
Instrument :
MSVOA_W
ClientSampleId :
VW0716SBSD01

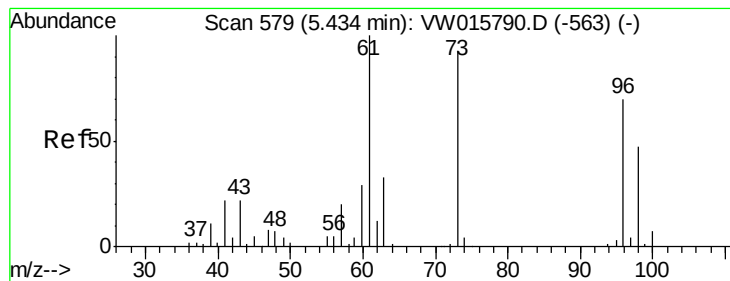
Tgt Ion: 76 Resp: 142636
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0



#18
Methyl Acetate
Concen: 19.606 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.01 min
Lab File: VW015862.D
Acq: 16 Jul 2020 15:07

Tgt Ion: 43 Resp: 22566
Ion Ratio Lower Upper
43 100
74 23.8 19.2 28.8



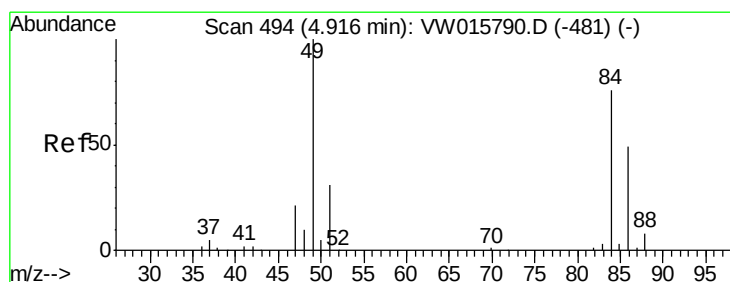
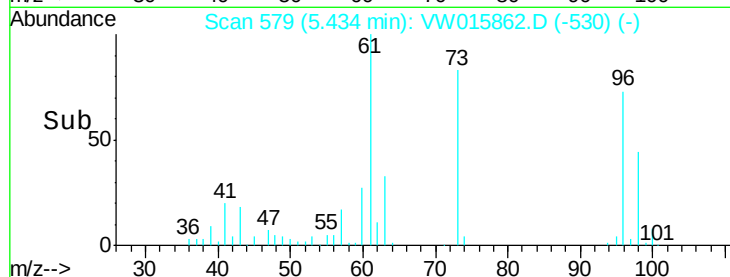
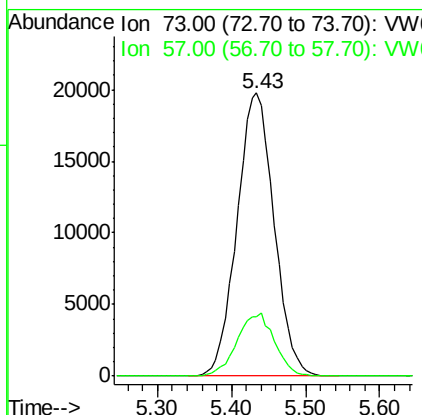
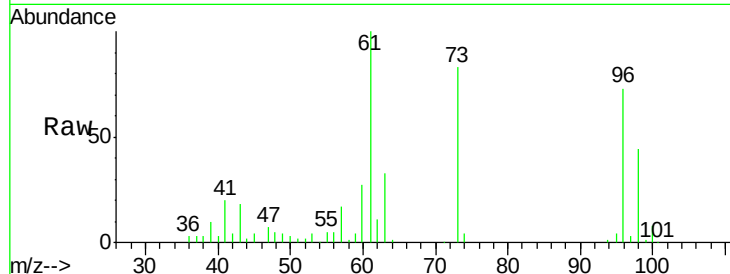


#19

Methyl tert-butyl Ether
 Concen: 19.213 ug/l
 RT: 5.43 min Scan# 579
 Delta R.T. 0.00 min
 Lab File: VW015862.D
 Acq: 16 Jul 2020 15:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0716SBSD01

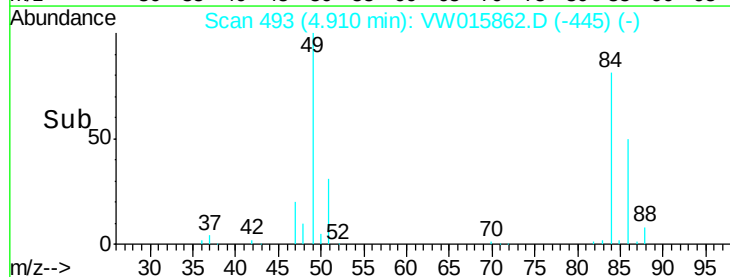
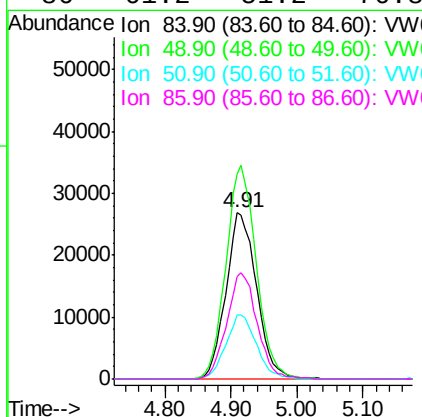
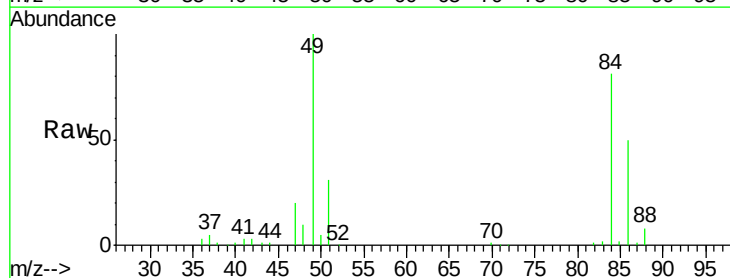
Tgt Ion: 73 Resp: 68946
 Ion Ratio Lower Upper
 73 100
 57 21.1 16.8 25.2

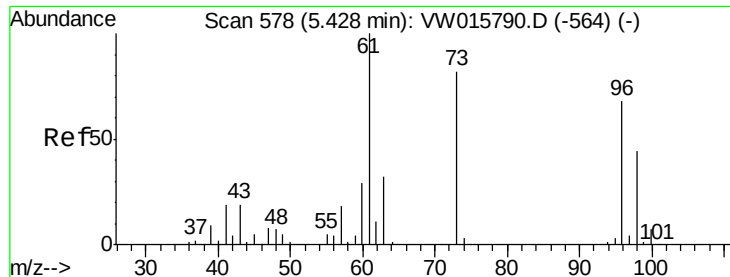


#20

Methylene Chloride
 Concen: 31.489 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. -0.01 min
 Lab File: VW015862.D
 Acq: 16 Jul 2020 15:07

Tgt Ion: 84 Resp: 86192
 Ion Ratio Lower Upper
 84 100
 49 123.0 105.0 157.6
 51 38.4 32.3 48.5
 86 61.2 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 19.437 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.00 min

Lab File: VW015862.D

Acq: 16 Jul 2020 15:07

Instrument :

MSVOA_W

ClientSampleId :

VW0716SBSD01

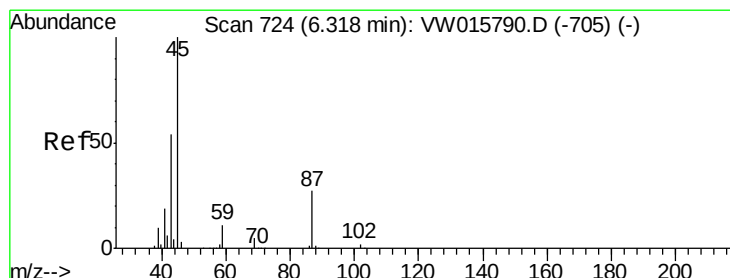
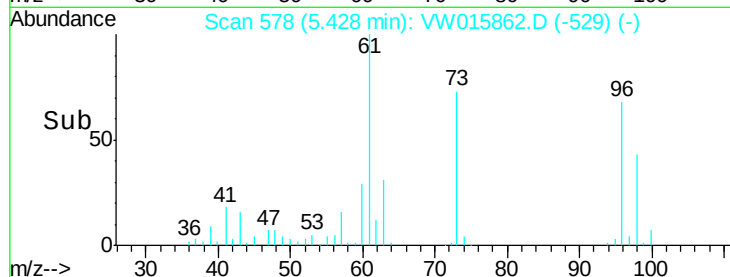
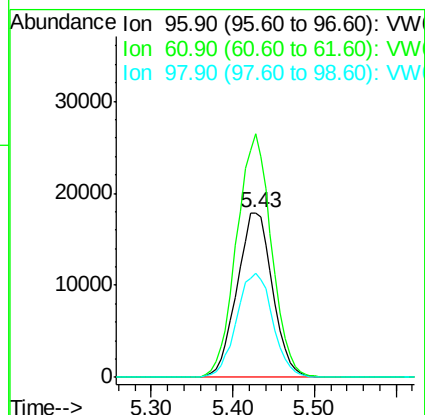
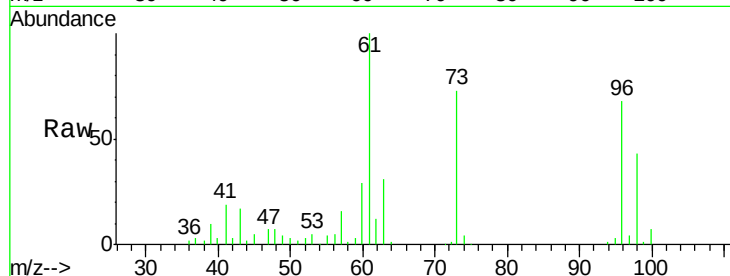
Tgt Ion: 96 Resp: 53978

Ion Ratio Lower Upper

96 100

61 147.9 118.1 177.1

98 62.9 52.6 78.8



#22

Diisopropyl ether

Concen: 19.632 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.00 min

Lab File: VW015862.D

Acq: 16 Jul 2020 15:07

Tgt Ion: 45 Resp: 154177

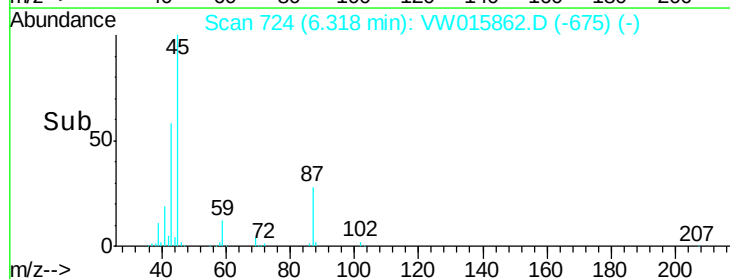
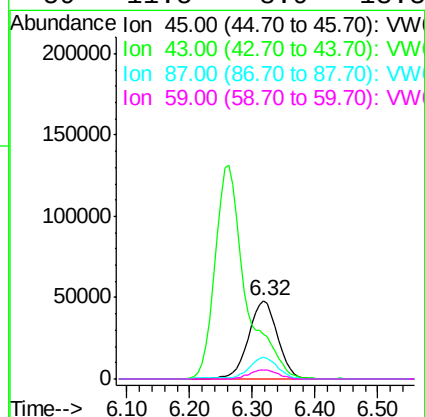
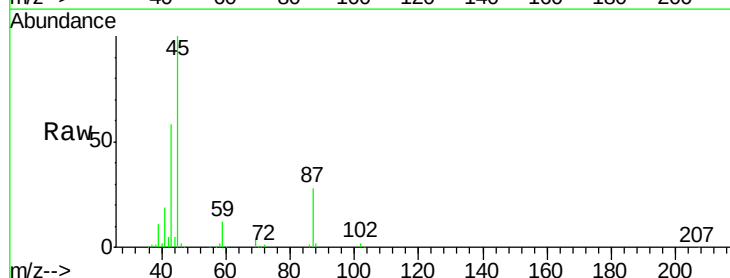
Ion Ratio Lower Upper

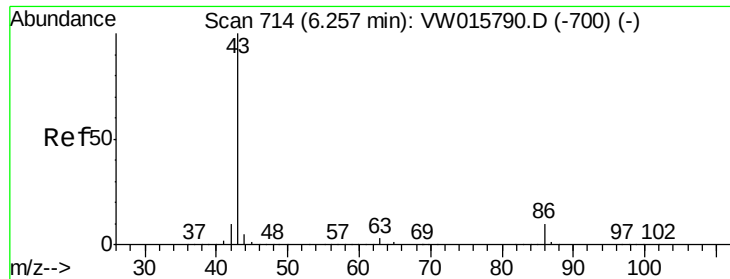
45 100

43 56.8 43.8 65.6

87 27.8 22.1 33.1

59 11.5 8.9 13.3





#23

Vinyl Acetate

Concen: 94.609 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.01 min

Lab File: VW015862.D

Acq: 16 Jul 2020 15:07

Instrument :

MSVOA_W

ClientSampleId :

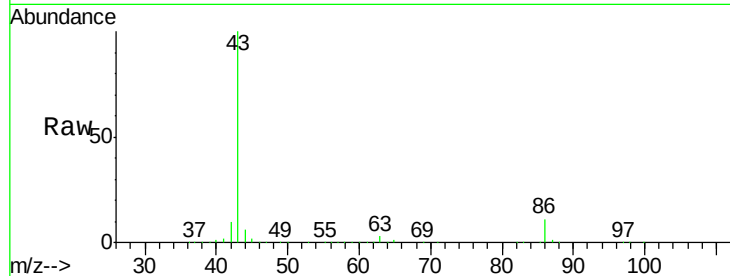
VW0716SBSD01

Tgt Ion: 43 Resp: 441918

Ion Ratio Lower Upper

43 100

86 10.8 8.2 12.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

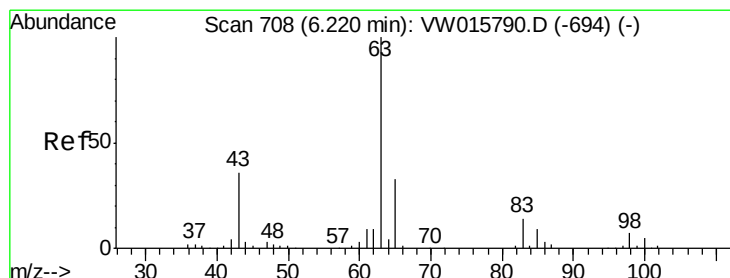
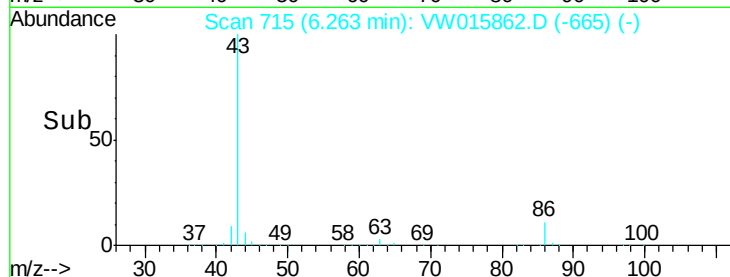
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.563 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW015862.D

Acq: 16 Jul 2020 15:07

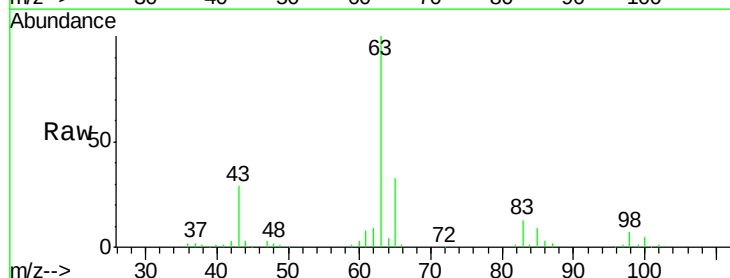
Tgt Ion: 63 Resp: 97268

Ion Ratio Lower Upper

63 100

98 6.6 3.4 10.2

100 4.7 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.22

40000

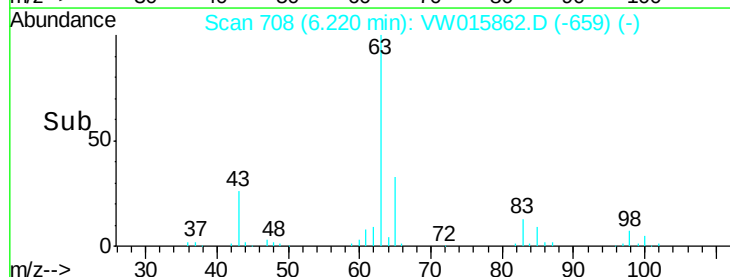
30000

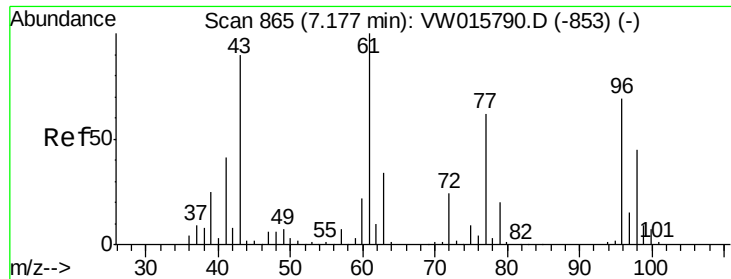
20000

10000

0

Time-->

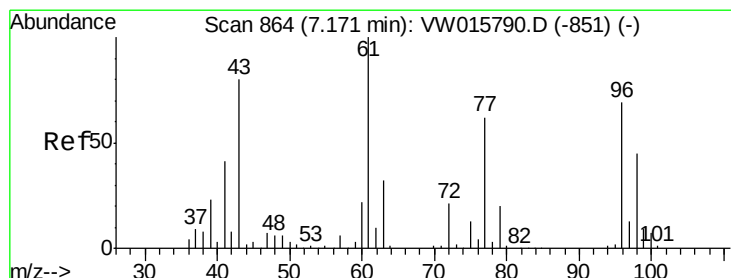
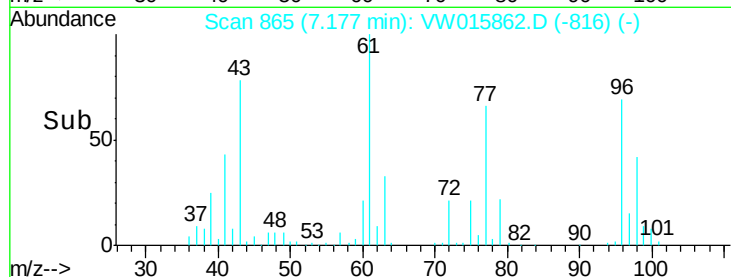
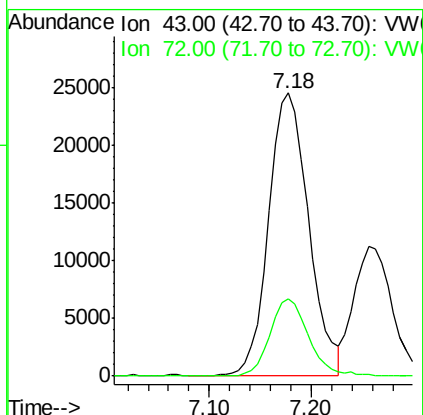
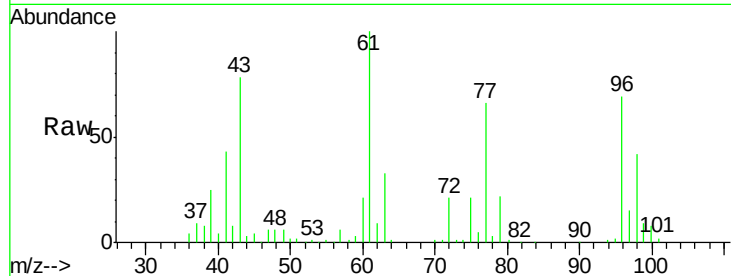




#25
2-Butanone
Concen: 97.806 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.00 min
Lab File: VW015862.D
Acq: 16 Jul 2020 15:07

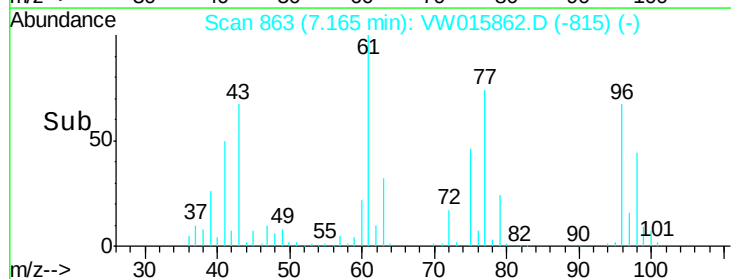
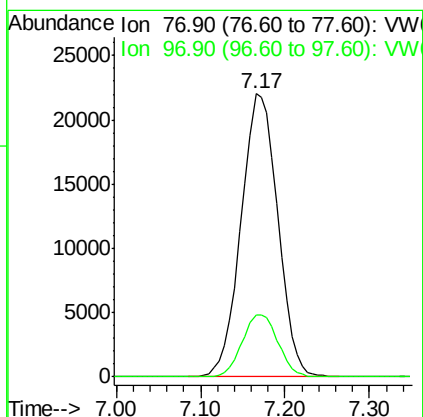
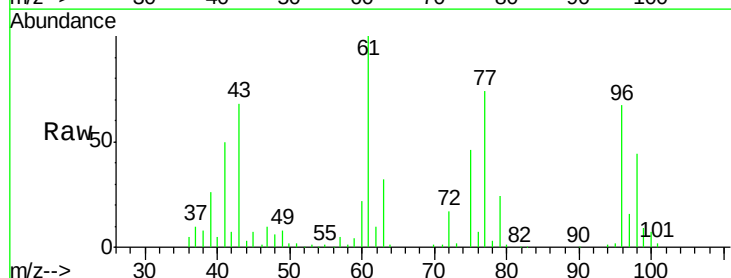
Instrument :
MSVOA_W
ClientSampled :
VW0716SBS01

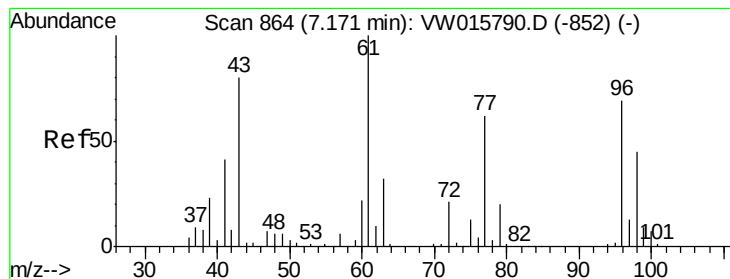
Tgt Ion: 43 Resp: 67144
Ion Ratio Lower Upper
43 100
72 27.1 21.3 31.9



#26
2,2-Dichloropropane
Concen: 20.867 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW015862.D
Acq: 16 Jul 2020 15:07

Tgt Ion: 77 Resp: 65090
Ion Ratio Lower Upper
77 100
97 21.4 11.0 33.0



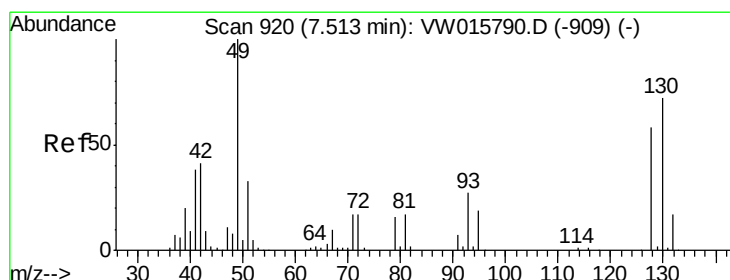
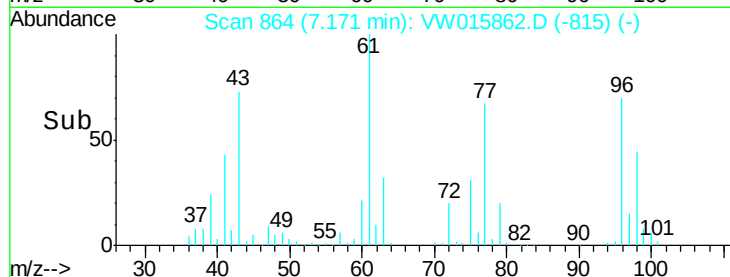
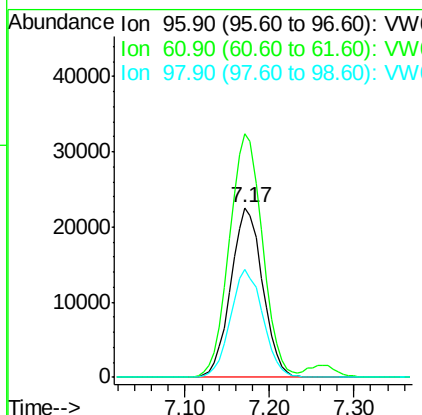
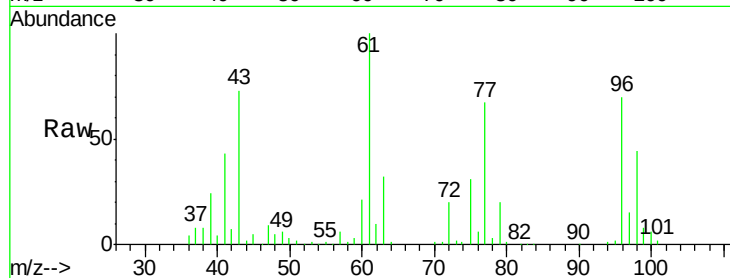


#27

cis-1,2-Dichloroethene
Concen: 19.348 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW015862.D
Acq: 16 Jul 2020 15:07

Instrument :
MSVOA_W
ClientSampleId :
VW0716SBSD01

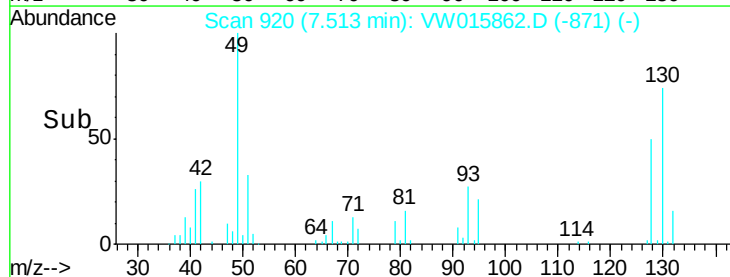
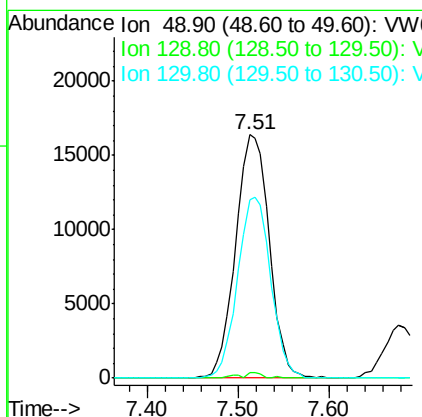
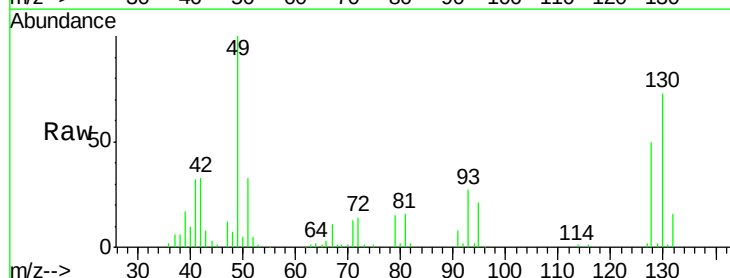
Tgt Ion: 96 Resp: 57696
Ion Ratio Lower Upper
96 100
61 149.6 0.0 292.2
98 64.7 0.0 129.0

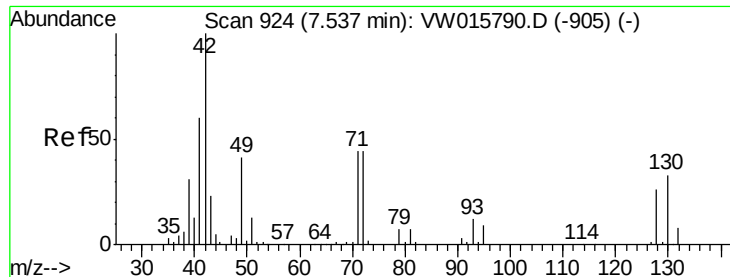


#28

Bromochloromethane
Concen: 21.414 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW015862.D
Acq: 16 Jul 2020 15:07

Tgt Ion: 49 Resp: 42210
Ion Ratio Lower Upper
49 100
129 1.3 0.0 2.6
130 73.3 59.5 89.3

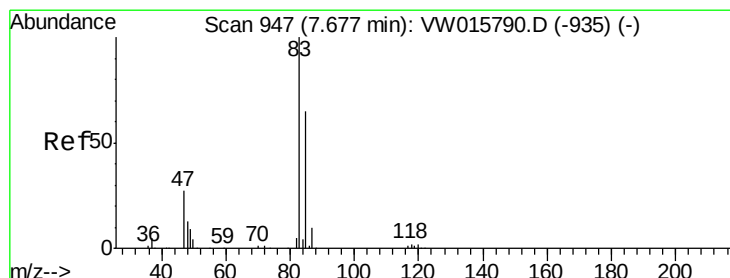
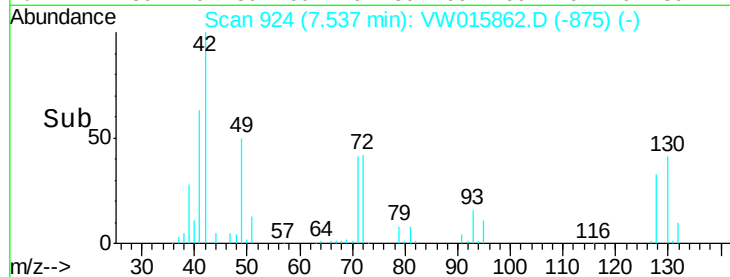
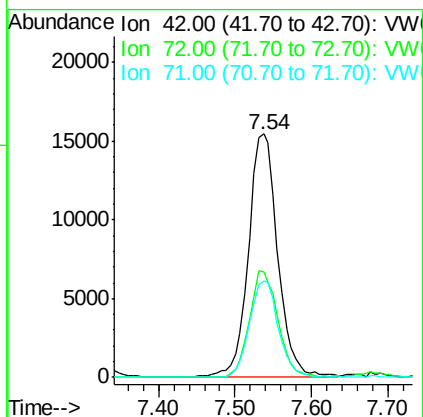
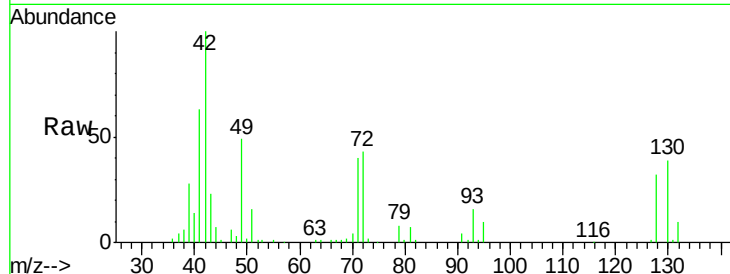




#29
Tetrahydrofuran
Concen: 99.289 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW015862.D
Acq: 16 Jul 2020 15:07

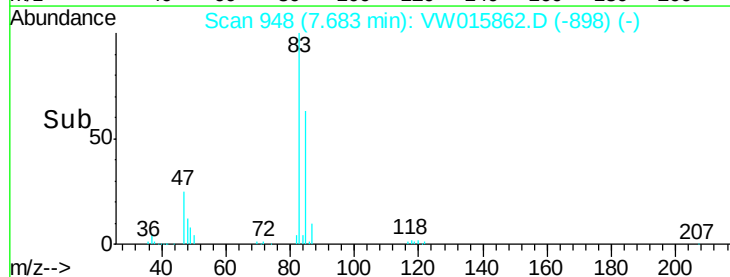
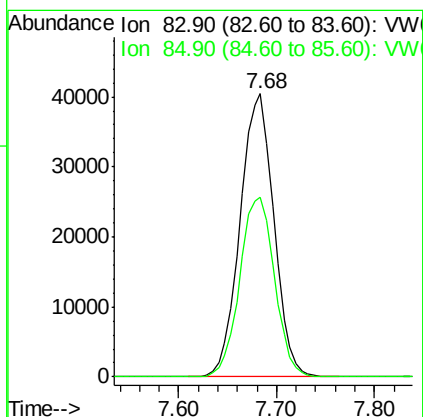
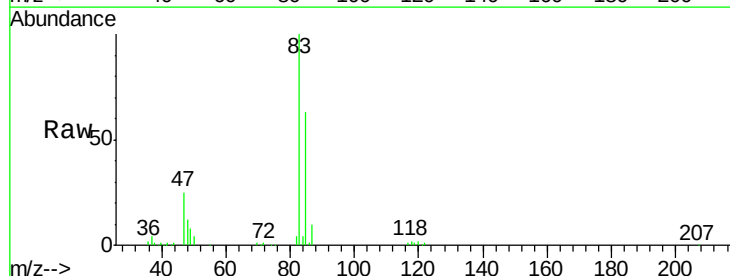
Instrument :
MSVOA_W
ClientSampleId :
VW0716SBSD01

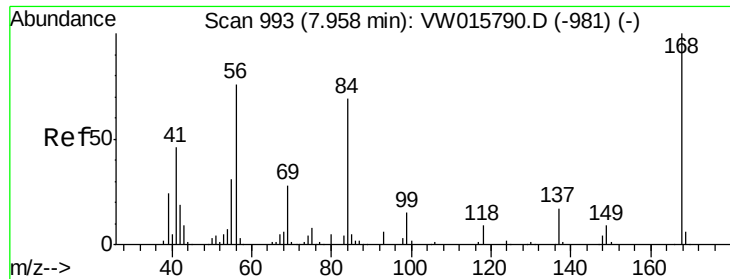
Tgt Ion: 42 Resp: 41363
Ion Ratio Lower Upper
42 100
72 42.5 34.6 51.8
71 39.3 32.8 49.2



#30
Chloroform
Concen: 19.082 ug/l
RT: 7.68 min Scan# 948
Delta R.T. 0.01 min
Lab File: VW015862.D
Acq: 16 Jul 2020 15:07

Tgt Ion: 83 Resp: 96985
Ion Ratio Lower Upper
83 100
85 63.5 51.6 77.4

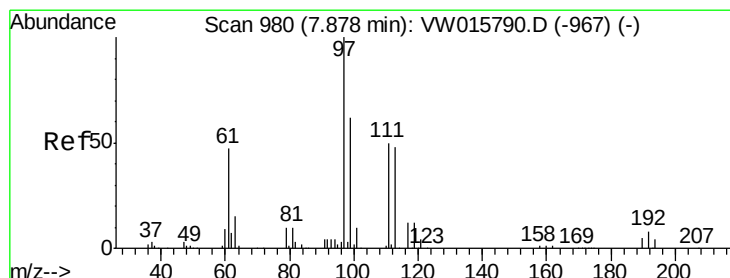
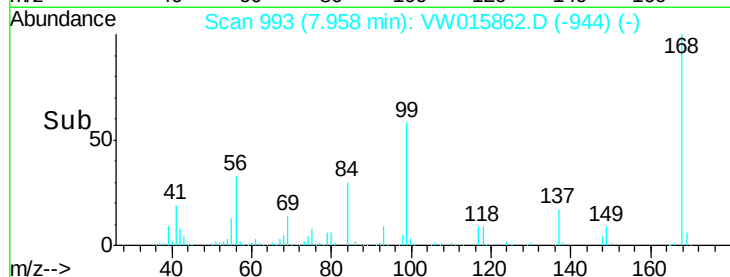
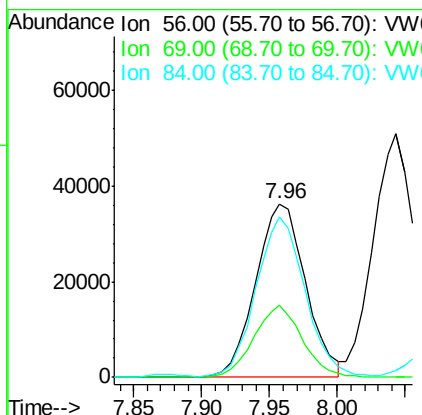
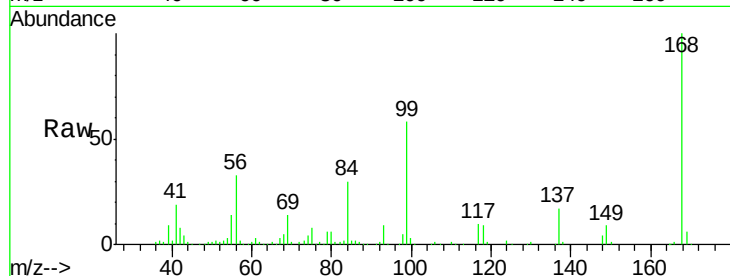




#31
Cyclohexane
Concen: 19.898 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW015862.D
Acq: 16 Jul 2020 15:07

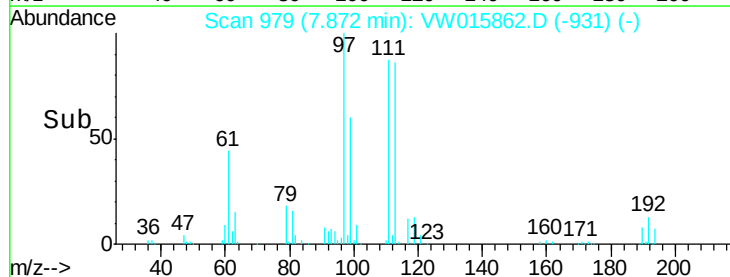
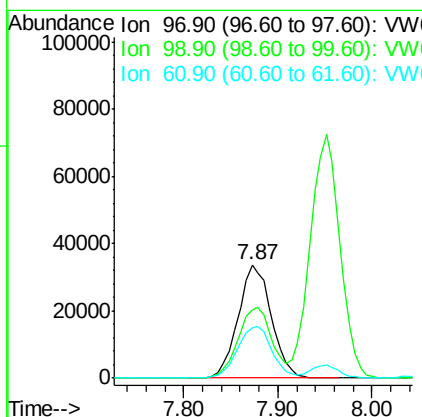
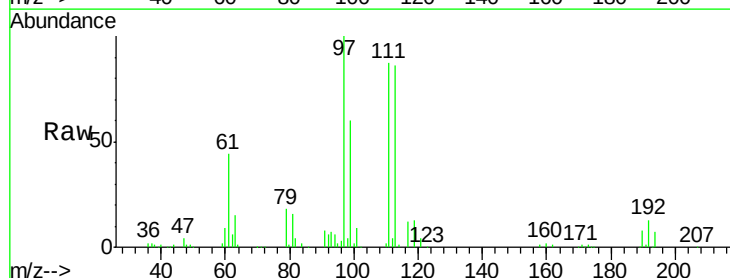
Instrument :
MSVOA_W
ClientSampled :
VW0716SBSD01

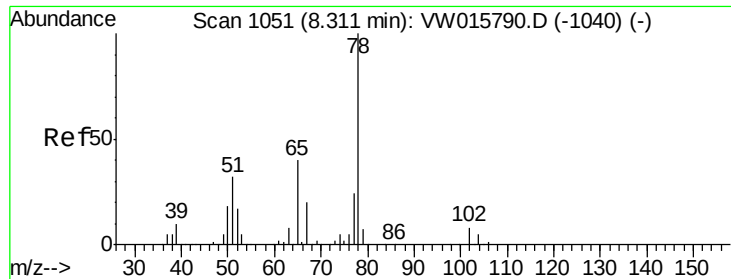
Tgt Ion: 56 Resp: 93111
Ion Ratio Lower Upper
56 100
69 41.4 28.9 43.3
84 91.3 72.2 108.4



#32
1,1,1-Trichloroethane
Concen: 19.485 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.01 min
Lab File: VW015862.D
Acq: 16 Jul 2020 15:07

Tgt Ion: 97 Resp: 83045
Ion Ratio Lower Upper
97 100
99 63.4 51.0 76.4
61 47.5 38.6 57.8

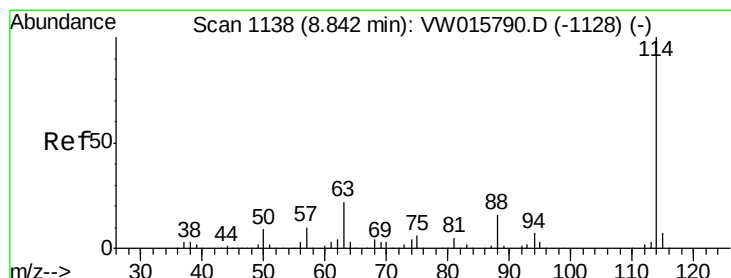
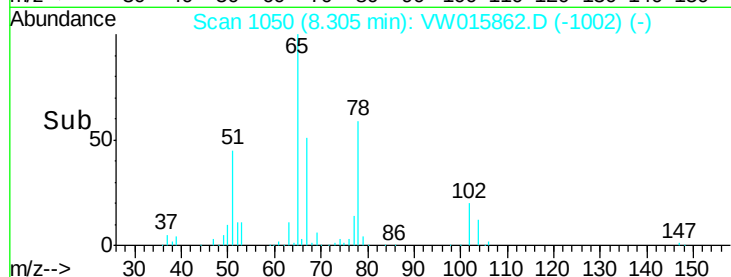
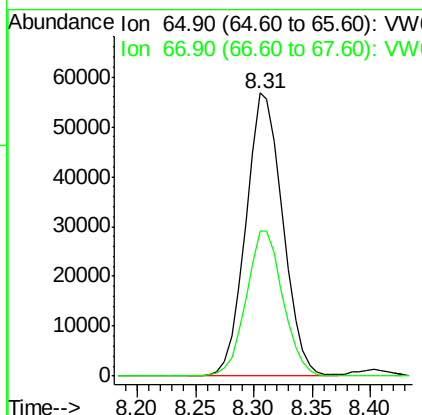
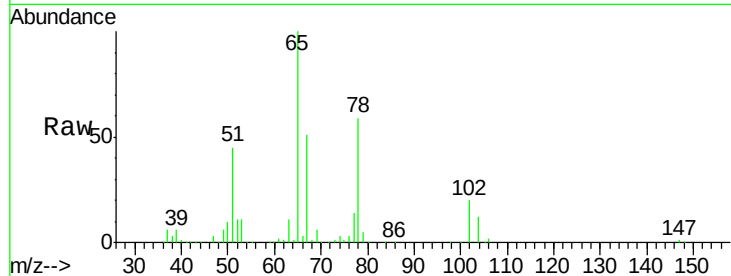




#33
 1,2-Dichloroethane-d4
 Concen: 46.241 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW015862.D
 Acq: 16 Jul 2020 15:07

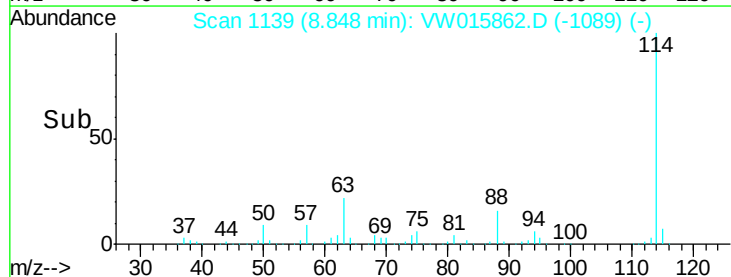
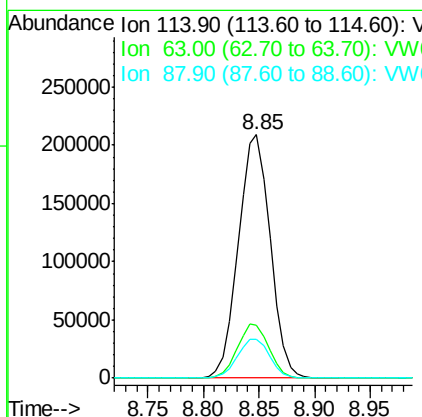
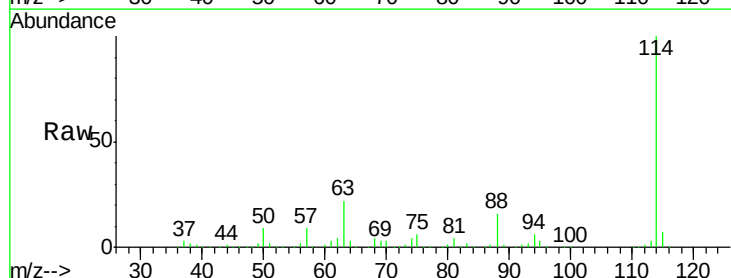
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0716SBSD01

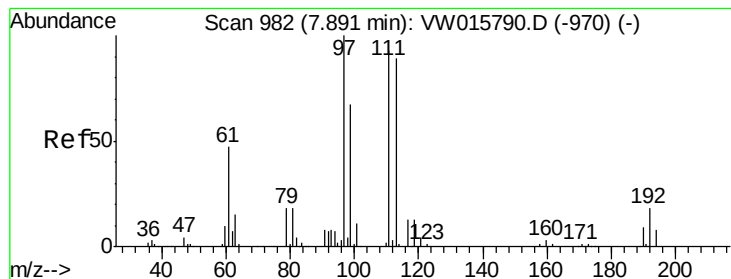
Tgt Ion: 65 Resp: 124989
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW015862.D
 Acq: 16 Jul 2020 15:07

Tgt Ion: 114 Resp: 415596
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 44.4
 88 15.9 0.0 32.6





#35

Dibromofluoromethane

Concen: 46.240 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.00 min

Lab File: VW015862.D

Acq: 16 Jul 2020 15:07

Instrument :

MSVOA_W

ClientSampleId :

VW0716SBSD01

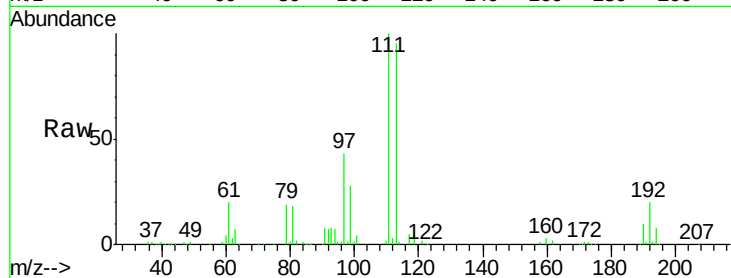
Tgt Ion:113 Resp: 112116

Ion Ratio Lower Upper

113 100

111 103.7 82.8 124.2

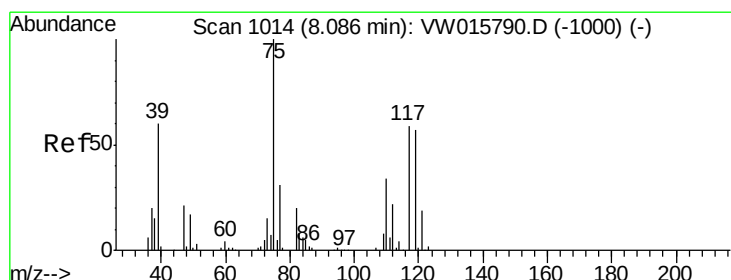
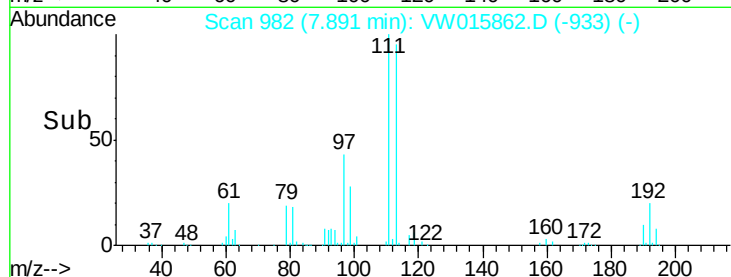
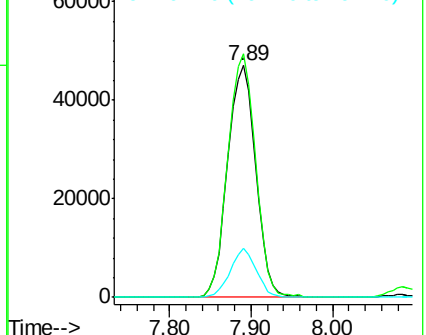
192 19.4 15.4 23.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.590 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. 0.00 min

Lab File: VW015862.D

Acq: 16 Jul 2020 15:07

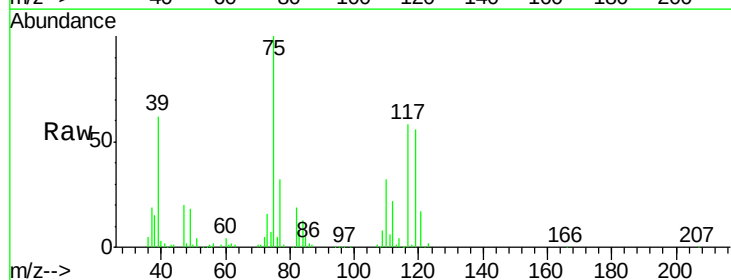
Tgt Ion: 75 Resp: 80254

Ion Ratio Lower Upper

75 100

110 33.7 16.8 50.3

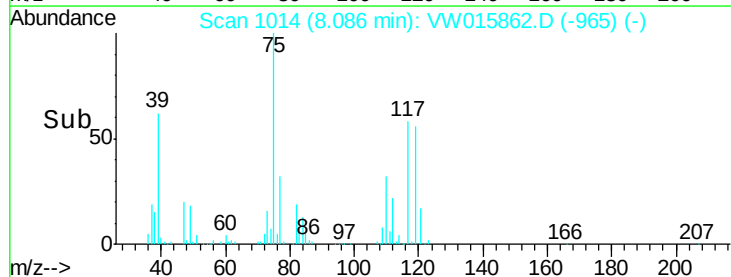
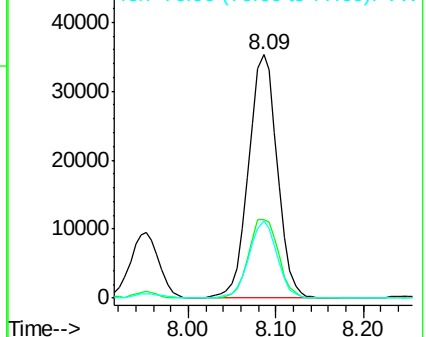
77 31.3 24.7 37.1

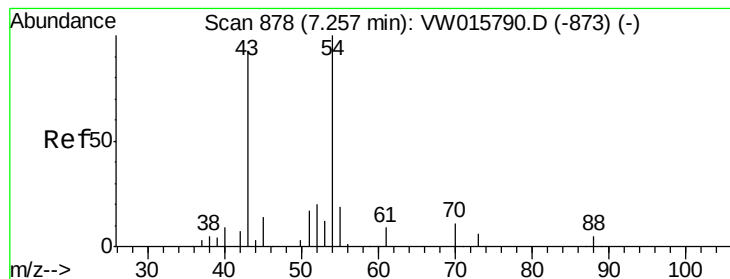


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#37

Ethyl Acetate

Concen: 18.656 ug/l

RT: 7.26 min Scan# 878

Delta R.T. 0.00 min

Lab File: VW015862.D

Acq: 16 Jul 2020 15:07

Instrument :

MSVOA_W

ClientSampleId :

VW0716SBSD01

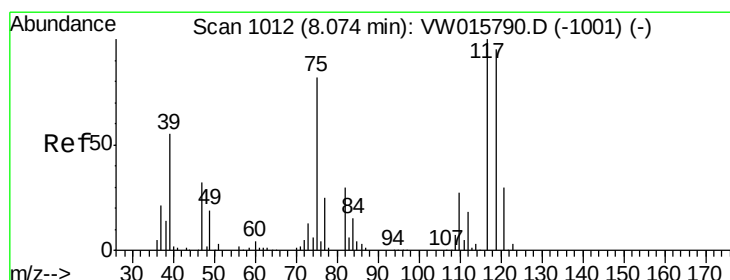
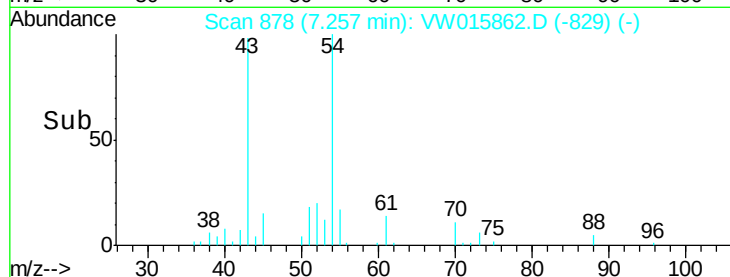
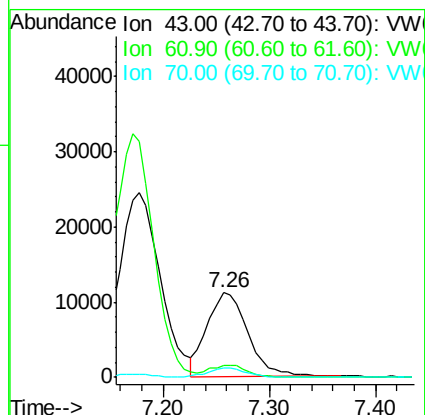
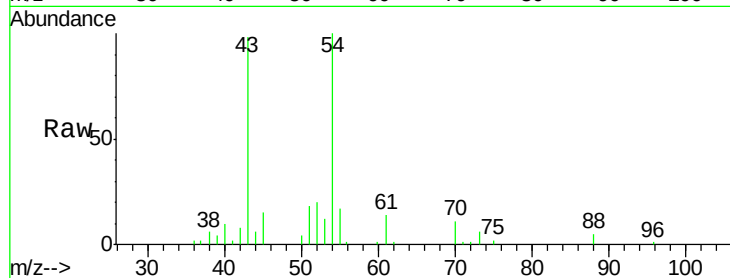
Tgt Ion: 43 Resp: 29697

Ion Ratio Lower Upper

43 100

61 13.4 10.4 15.6

70 10.8 8.4 12.6



#38

Carbon Tetrachloride

Concen: 18.903 ug/l

RT: 8.07 min Scan# 1012

Delta R.T. 0.00 min

Lab File: VW015862.D

Acq: 16 Jul 2020 15:07

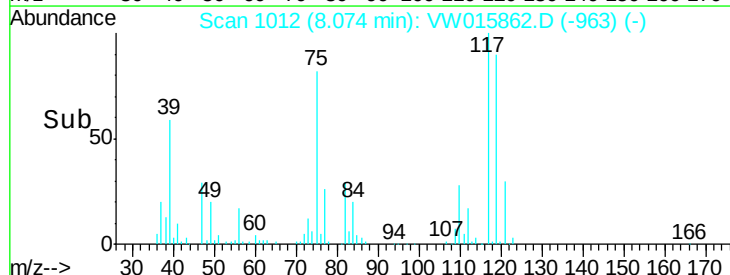
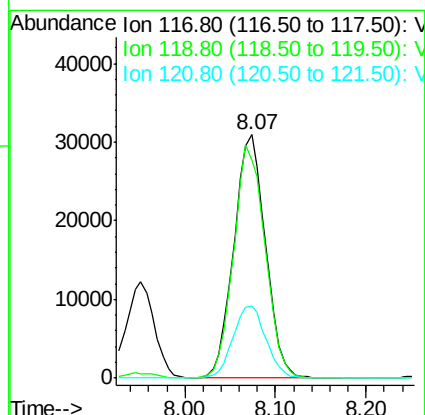
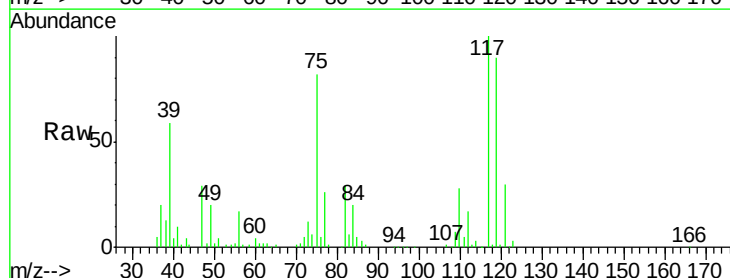
Tgt Ion: 117 Resp: 74934

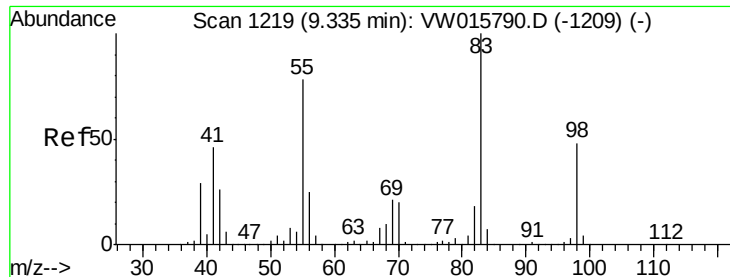
Ion Ratio Lower Upper

117 100

119 89.5 76.3 114.5

121 29.8 24.0 36.0

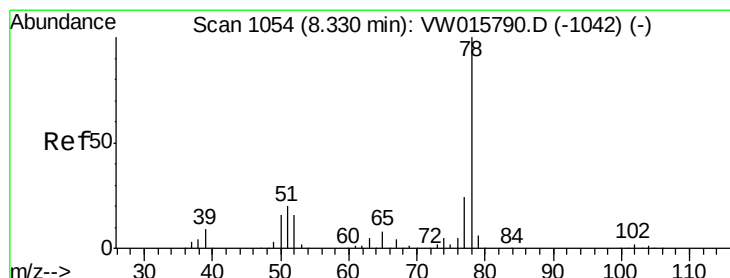
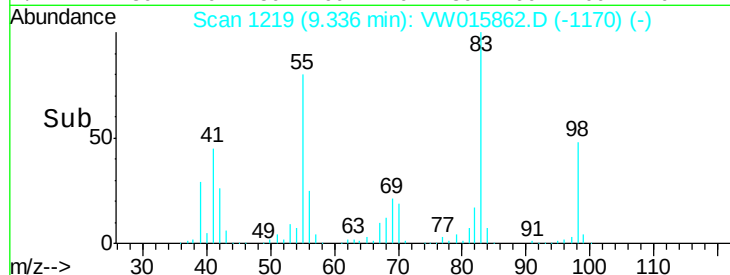
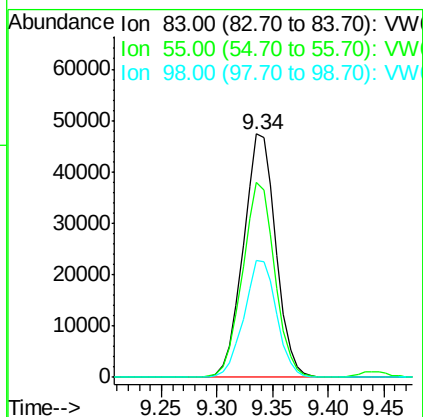
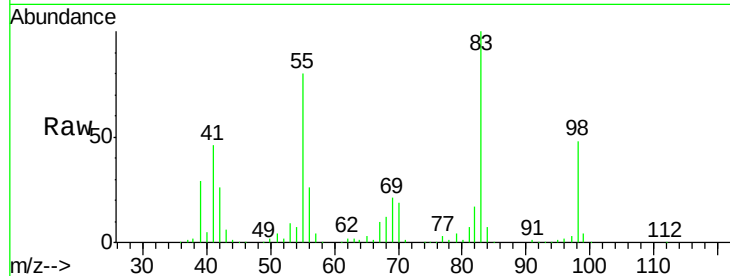




#39
Methylcyclohexane
Concen: 19.866 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW015862.D
Acq: 16 Jul 2020 15:07

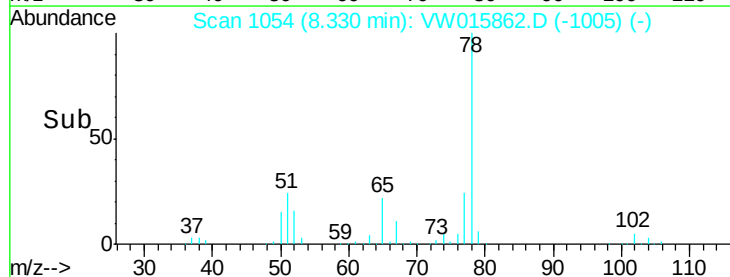
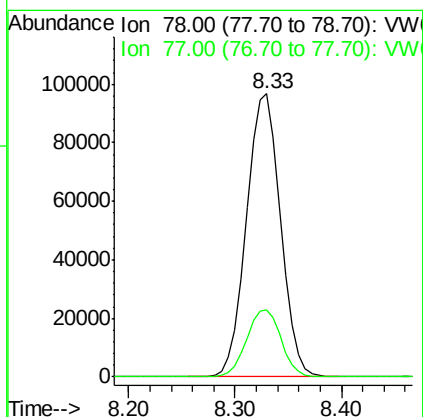
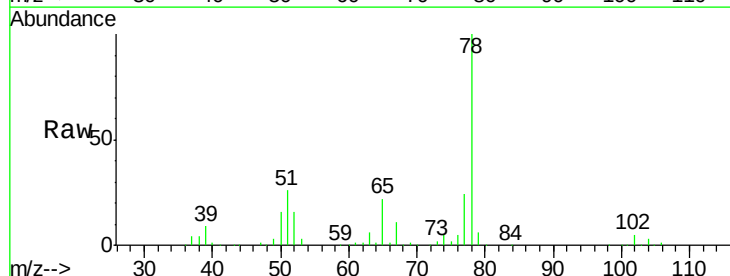
Instrument :
MSVOA_W
ClientSampleId :
VW0716SBSD01

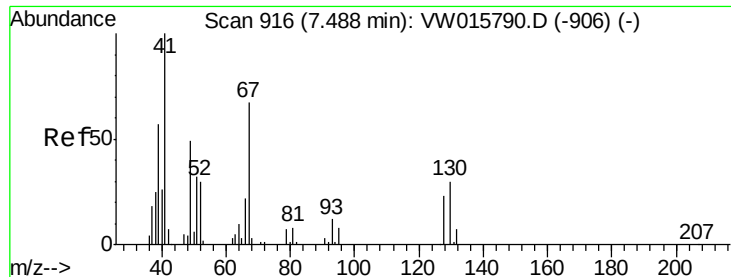
Tgt Ion: 83 Resp: 96038
Ion Ratio Lower Upper
83 100
55 80.1 62.6 94.0
98 48.1 38.6 58.0



#40
Benzene
Concen: 19.391 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW015862.D
Acq: 16 Jul 2020 15:07

Tgt Ion: 78 Resp: 217611
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.6

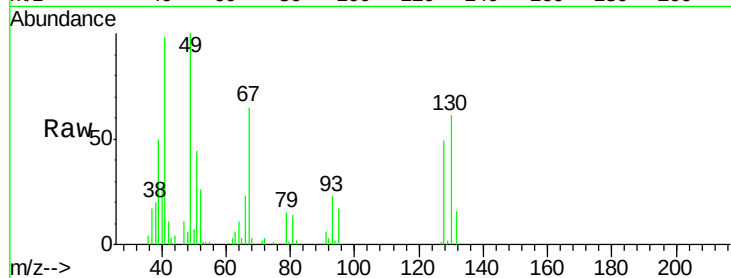




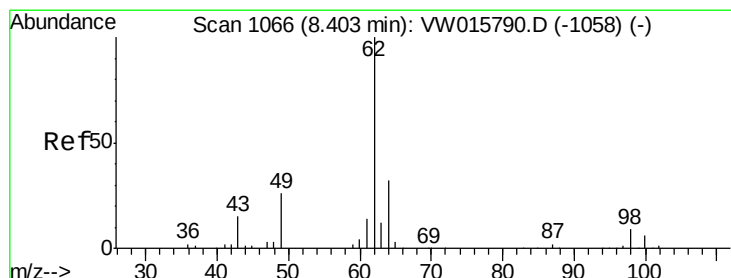
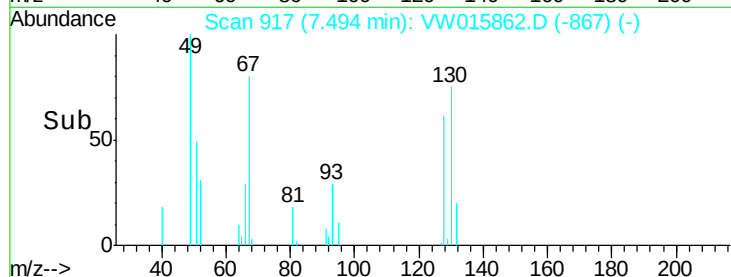
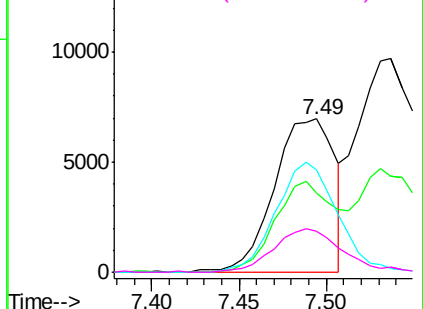
#41
Methacrylonitrile
Concen: 18.545 ug/l
RT: 7.49 min Scan# 917
Delta R.T. 0.01 min
Lab File: VW015862.D
Acq: 16 Jul 2020 15:07

Instrument :
MSVOA_W
ClientSampleId :
VW0716SBSD01

Tgt Ion:	41	Resp:	16760
Ion	Ratio	Lower	Upper
41	100		
39	62.1	44.6	66.8
67	73.5	56.4	84.6
52	32.3	25.4	38.2

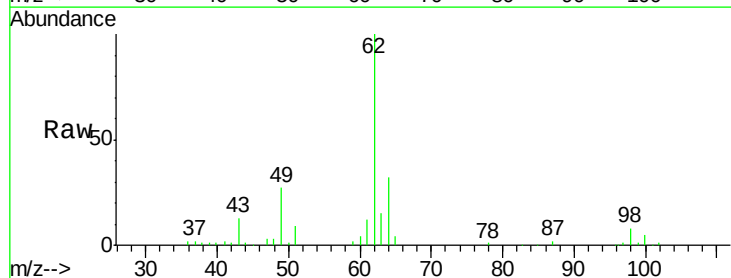


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

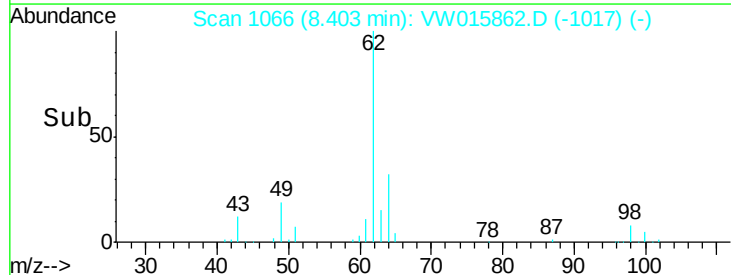
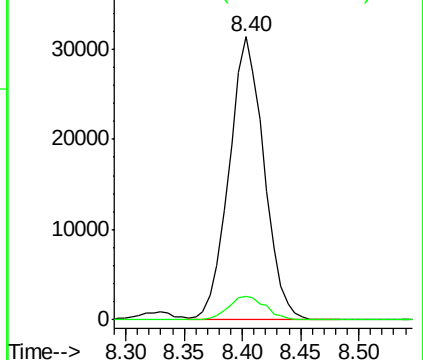


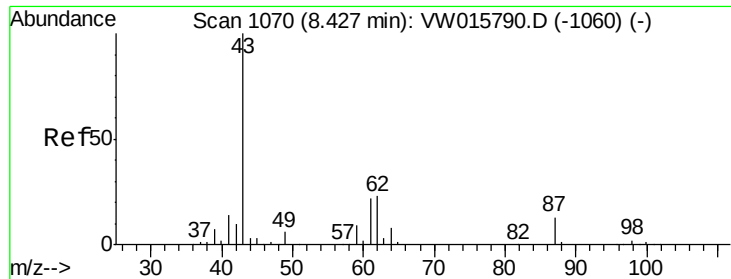
#42
1,2-Dichloroethane
Concen: 18.791 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW015862.D
Acq: 16 Jul 2020 15:07

Tgt Ion:	62	Resp:	65631
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.2



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





#43

Isopropyl Acetate

Concen: 18.276 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW015862.D

Acq: 16 Jul 2020 15:07

Instrument :

MSVOA_W

ClientSampleId :

VW0716SBSD01

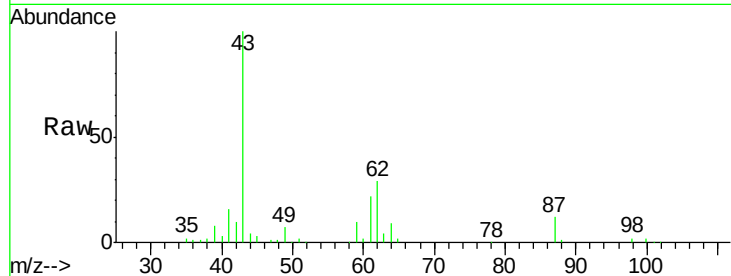
Tgt Ion: 43 Resp: 56788

Ion Ratio Lower Upper

43 100

61 31.7 24.8 37.2

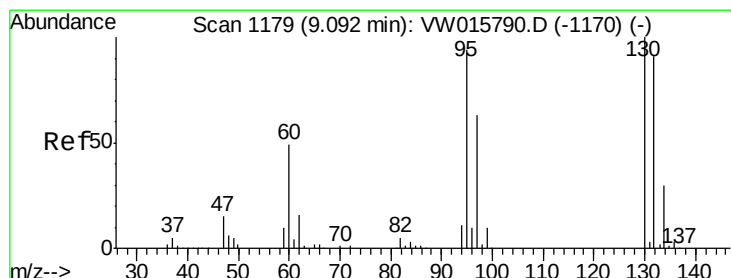
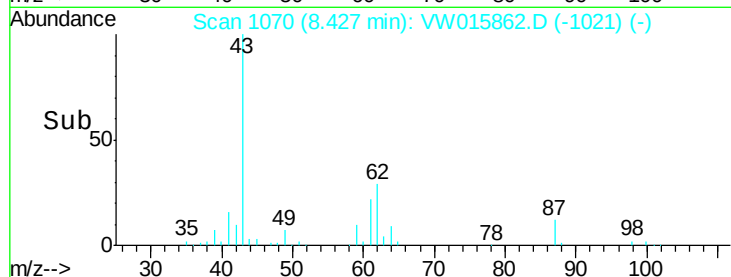
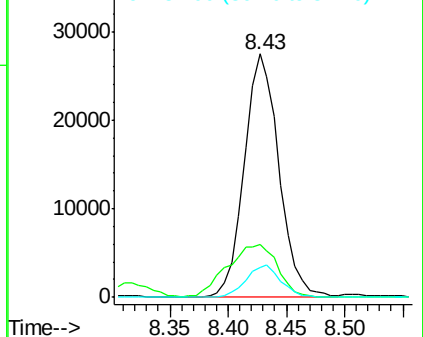
87 13.3 10.4 15.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 19.044 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW015862.D

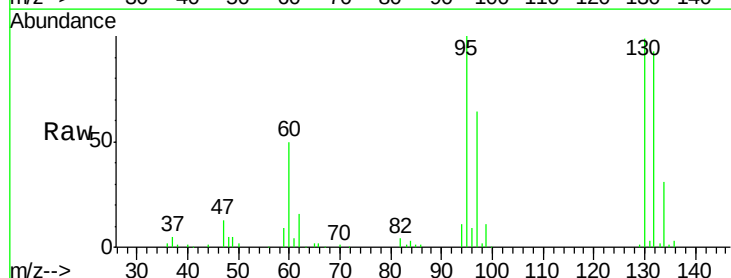
Acq: 16 Jul 2020 15:07

Tgt Ion: 130 Resp: 56529

Ion Ratio Lower Upper

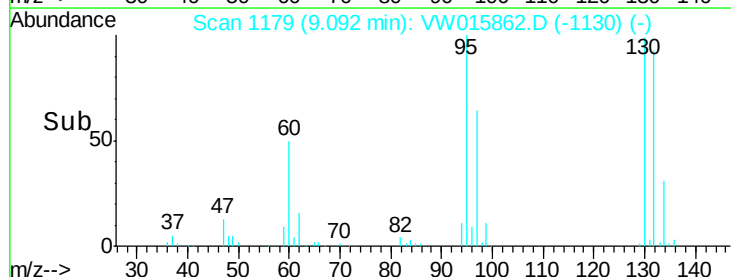
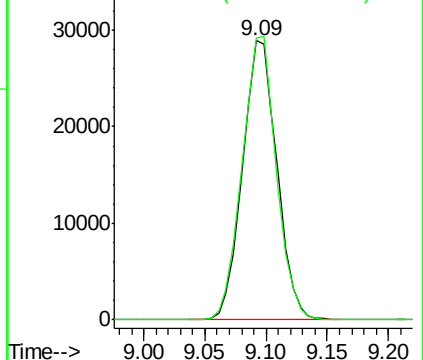
130 100

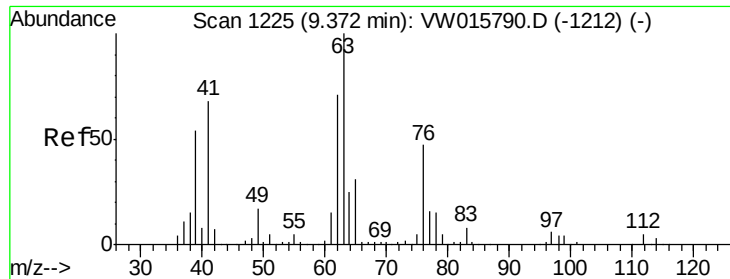
95 101.3 0.0 188.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

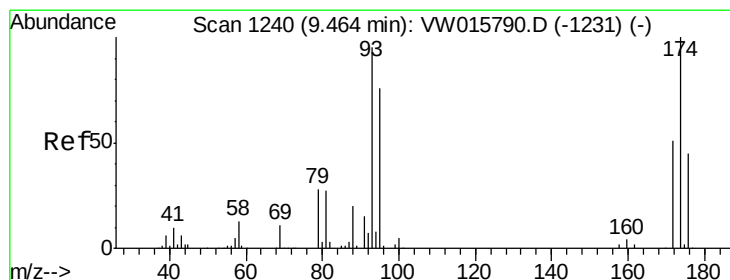
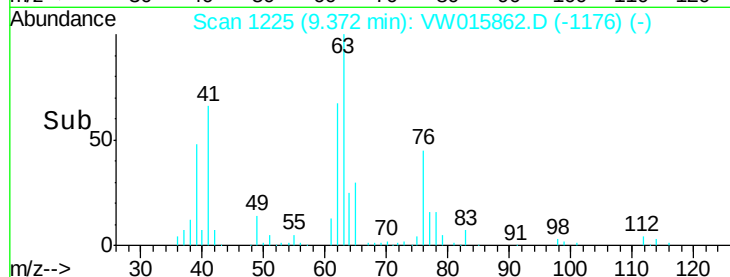
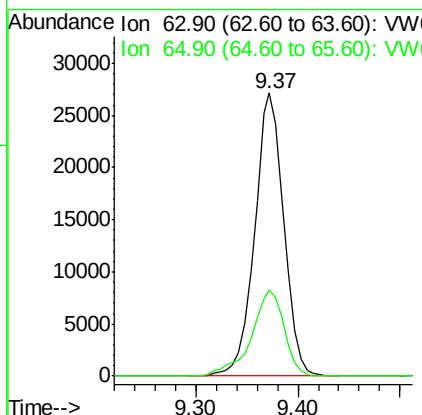
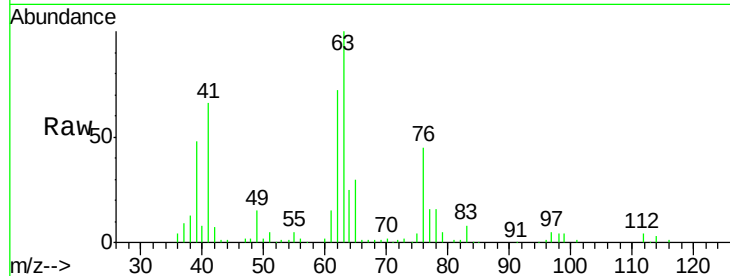




#45
 1,2-Dichloropropane
 Concen: 19.526 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW015862.D
 Acq: 16 Jul 2020 15:07

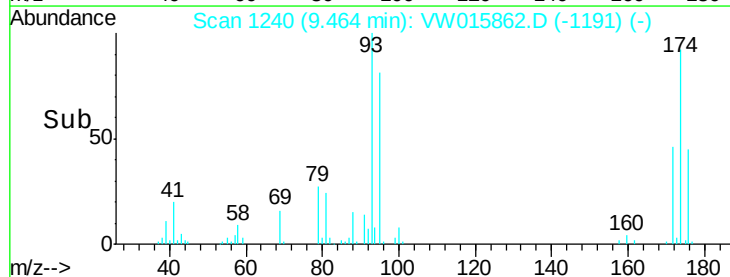
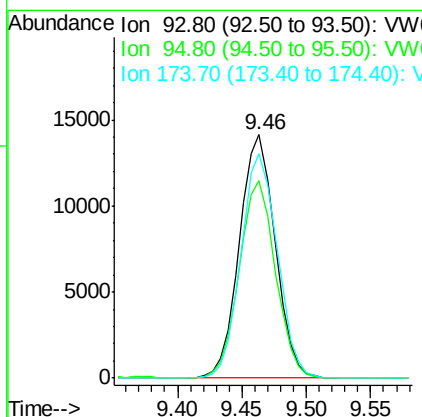
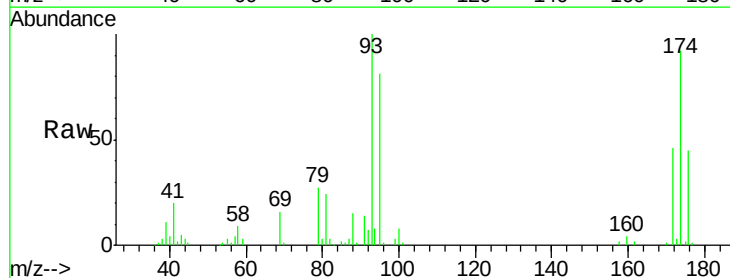
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0716SBSD01

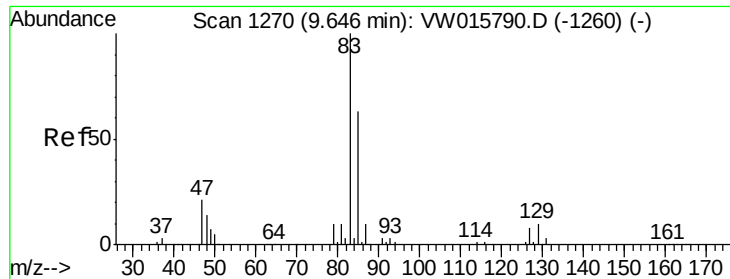
Tgt Ion: 63 Resp: 53861
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.5 36.7



#46
 Dibromomethane
 Concen: 19.181 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW015862.D
 Acq: 16 Jul 2020 15:07

Tgt Ion: 93 Resp: 27239
 Ion Ratio Lower Upper
 93 100
 95 82.0 66.0 99.0
 174 93.6 78.7 118.1





#47

Bromodichloromethane

Concen: 18.968 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW015862.D

Acq: 16 Jul 2020 15:07

Instrument :

MSVOA_W

ClientSampleId :

VW0716SBSD01

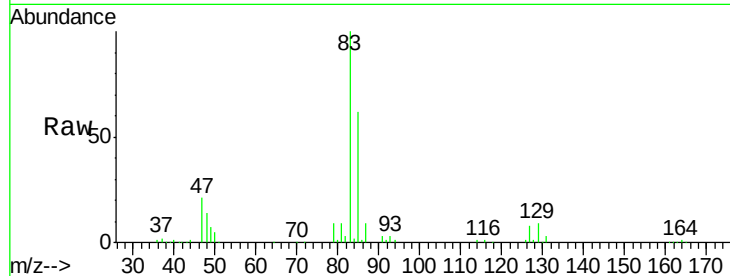
Tgt Ion: 83 Resp: 69672

Ion Ratio Lower Upper

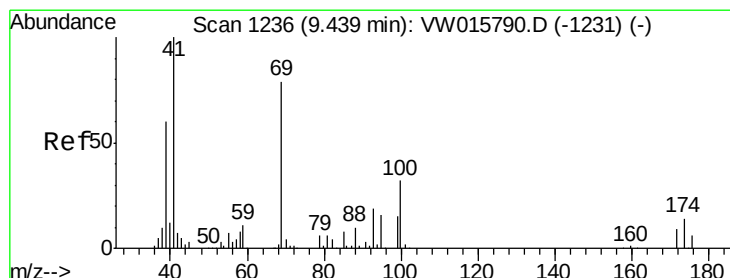
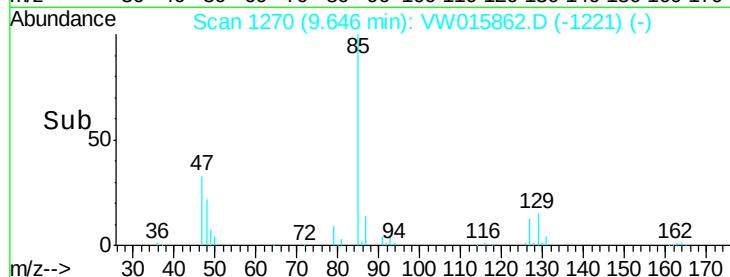
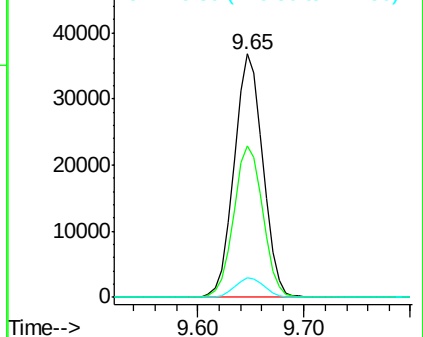
83 100

85 62.2 50.6 76.0

127 7.8 6.2 9.2



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



#48

Methyl methacrylate

Concen: 19.045 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW015862.D

Acq: 16 Jul 2020 15:07

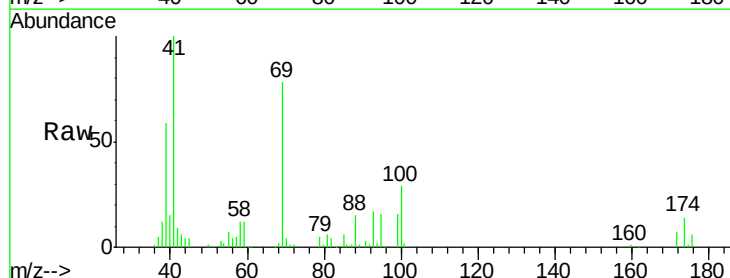
Tgt Ion: 41 Resp: 27120

Ion Ratio Lower Upper

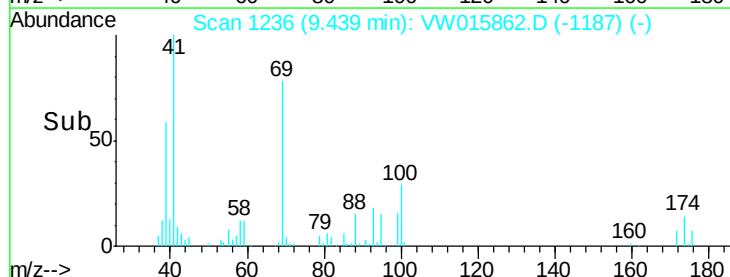
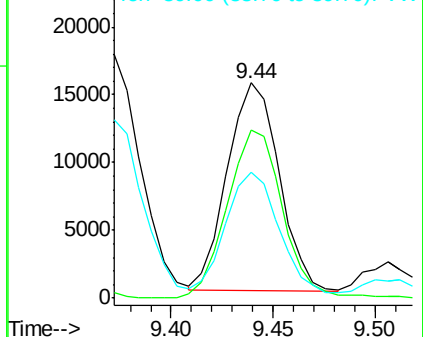
41 100

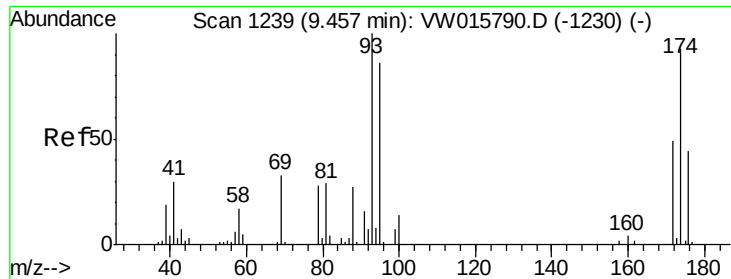
69 86.6 67.1 100.7

39 57.7 49.9 74.9



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

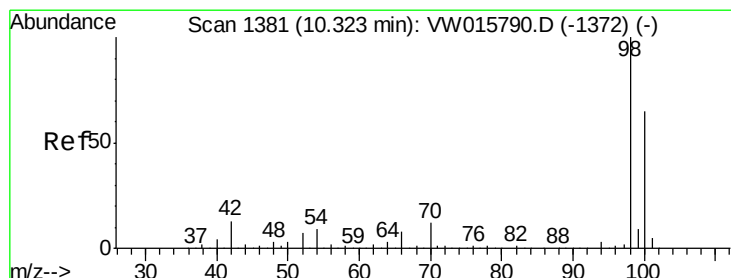
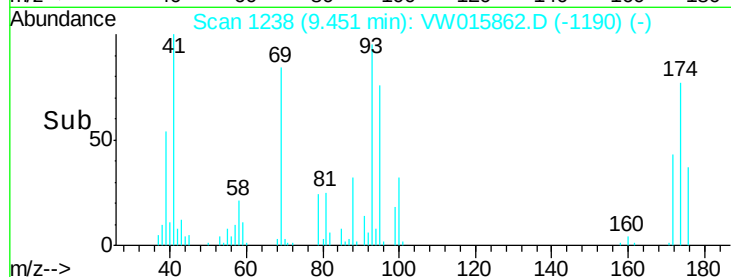
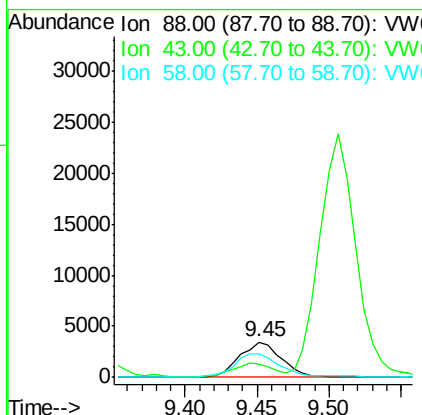
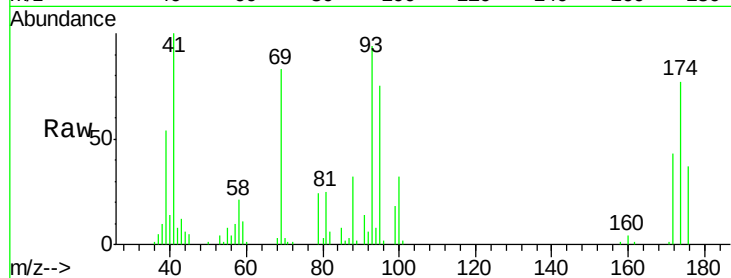




#49
1,4-Dioxane
Concen: 398.807 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. -0.01 min
Lab File: VW015862.D
Acq: 16 Jul 2020 15:07

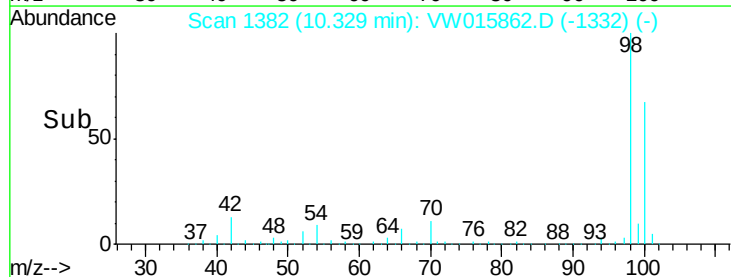
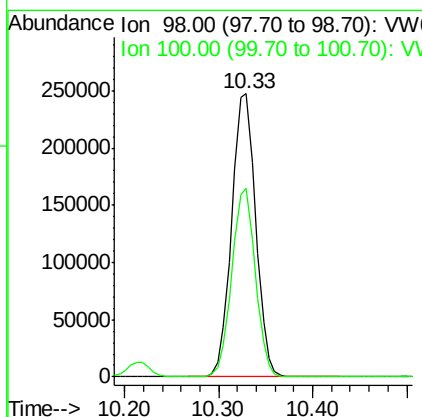
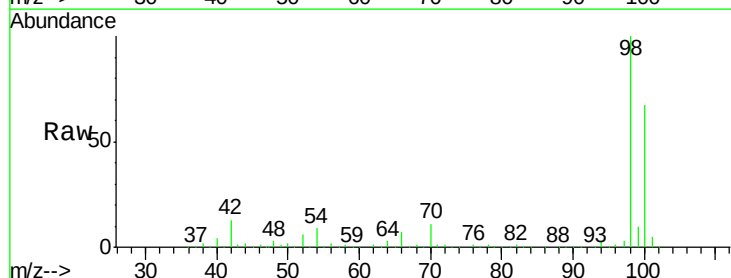
Instrument :
MSVOA_W
ClientSampleId :
VW0716SBSD01

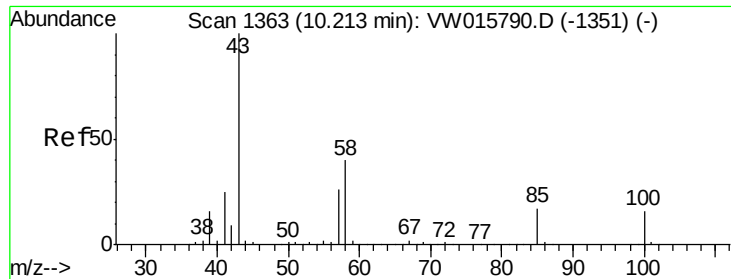
Tgt Ion: 88 Resp: 7002
Ion Ratio Lower Upper
88 100
43 36.5 28.1 42.1
58 72.9 59.3 88.9



#50
Toluene-d8
Concen: 47.032 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.01 min
Lab File: VW015862.D
Acq: 16 Jul 2020 15:07

Tgt Ion: 98 Resp: 438032
Ion Ratio Lower Upper
98 100
100 65.3 52.6 79.0

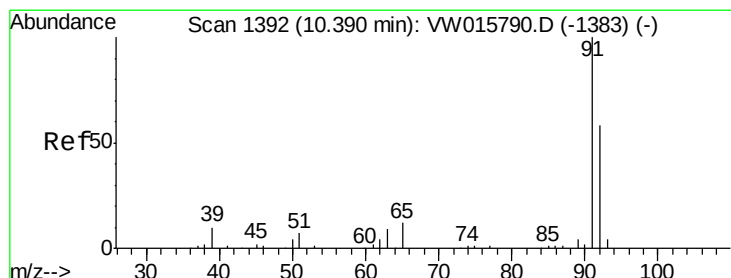
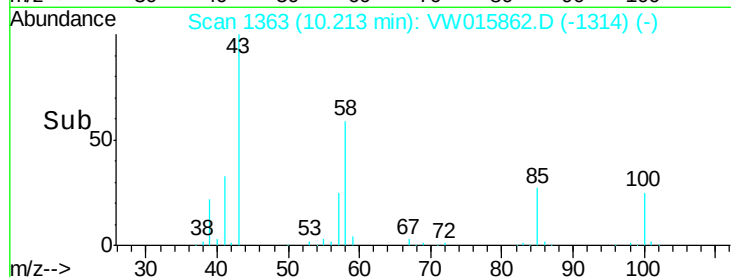
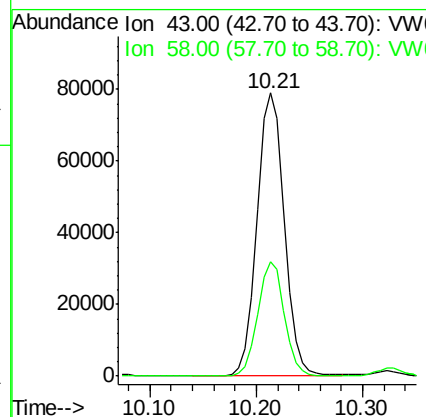
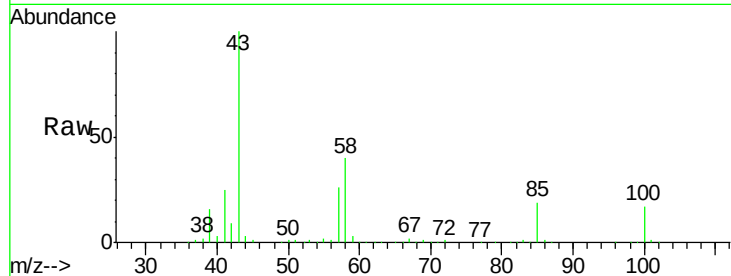




#51
4-Methyl-2-Pentanone
Concen: 94.219 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW015862.D
Acq: 16 Jul 2020 15:07

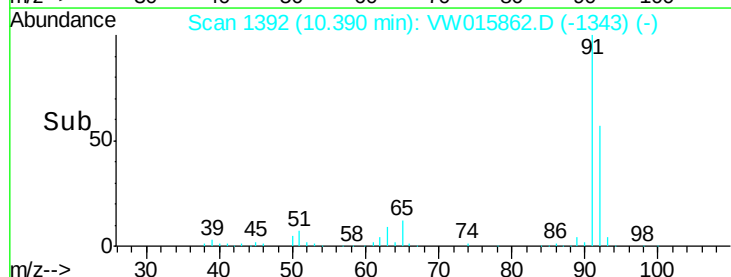
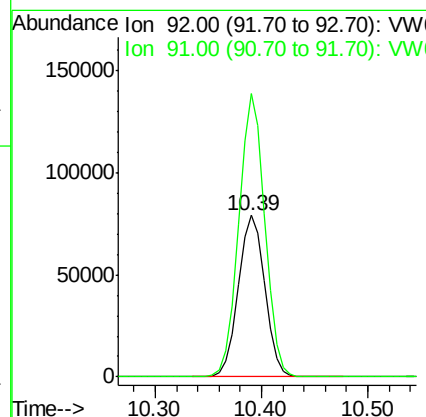
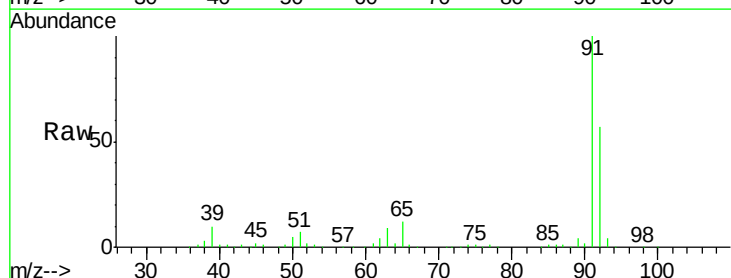
Instrument :
MSVOA_W
ClientSampled :
VW0716SBSD01

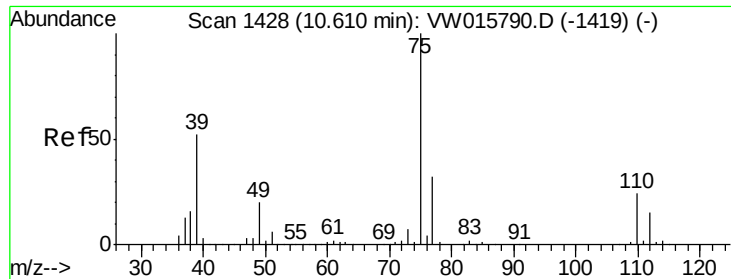
Tgt Ion: 43 Resp: 142859
Ion Ratio Lower Upper
43 100
58 39.1 30.9 46.3



#52
Toluene
Concen: 19.223 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW015862.D
Acq: 16 Jul 2020 15:07

Tgt Ion: 92 Resp: 138824
Ion Ratio Lower Upper
92 100
91 171.7 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 18.472 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW015862.D

Acq: 16 Jul 2020 15:07

Instrument :

MSVOA_W

ClientSampleId :

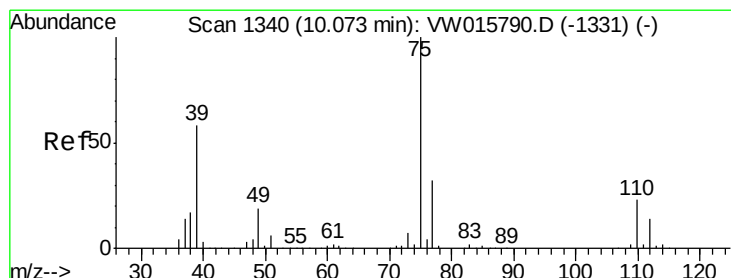
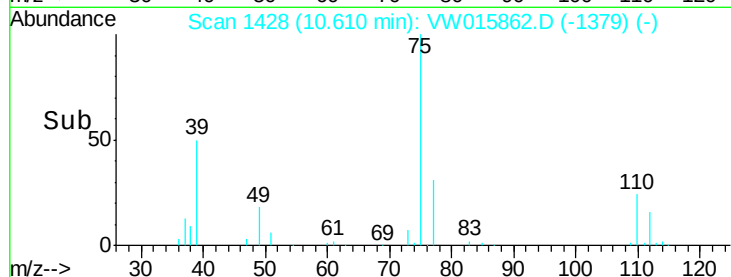
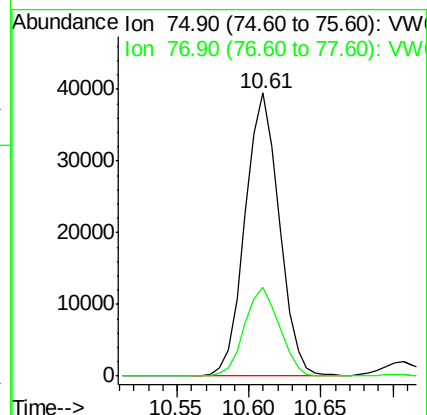
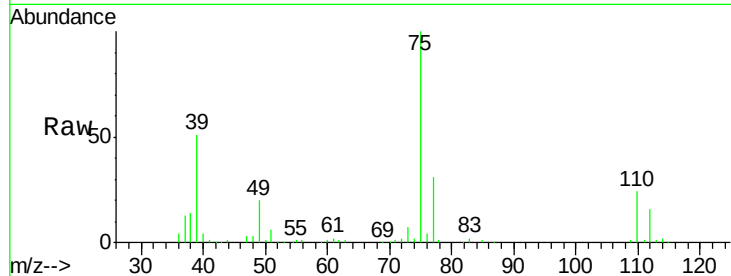
VW0716SBSD01

Tgt Ion: 75 Resp: 65101

Ion Ratio Lower Upper

75 100

77 31.3 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 18.973 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. 0.01 min

Lab File: VW015862.D

Acq: 16 Jul 2020 15:07

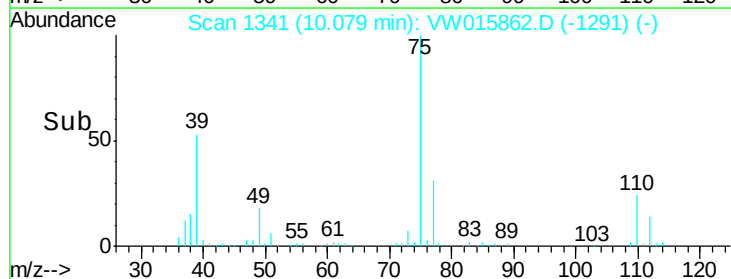
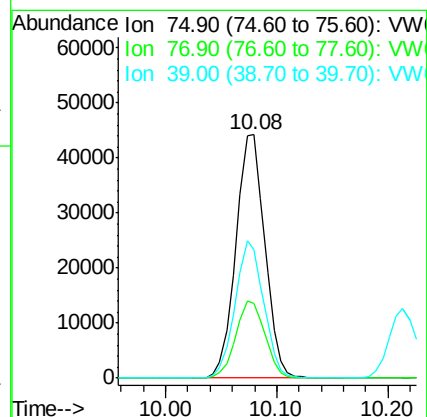
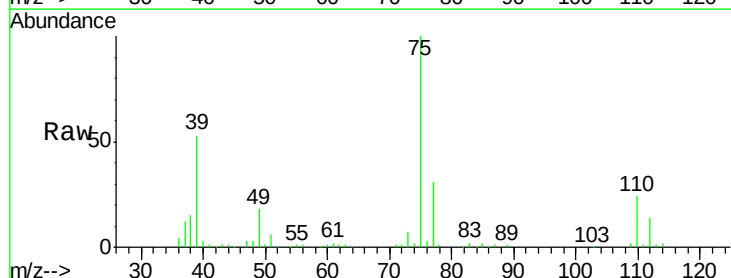
Tgt Ion: 75 Resp: 79989

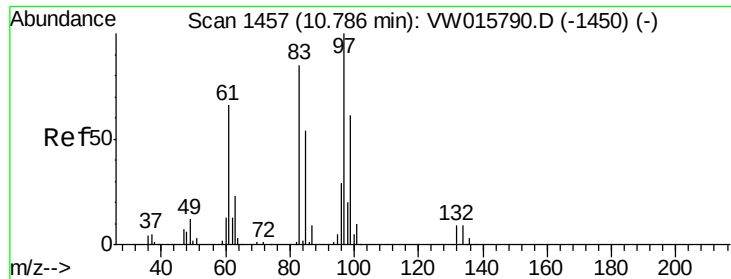
Ion Ratio Lower Upper

75 100

77 30.8 25.2 37.8

39 52.5 46.0 69.0

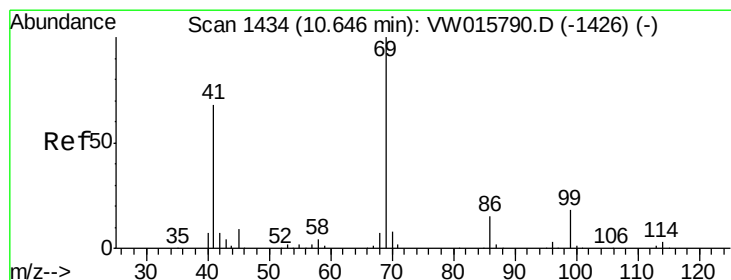
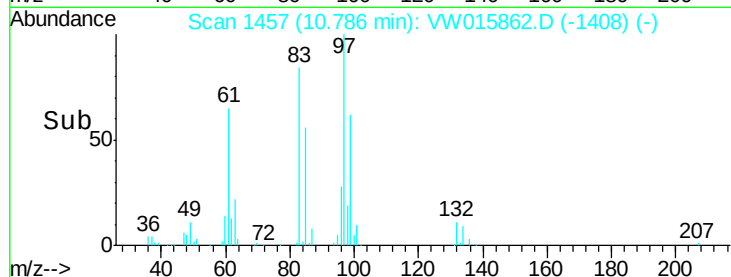
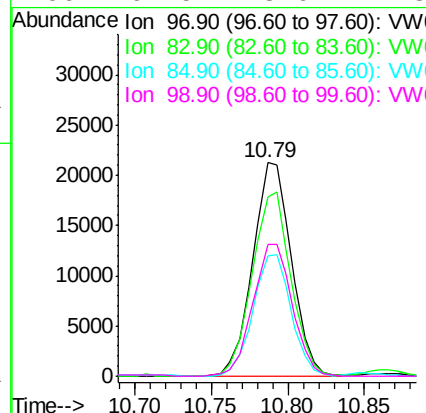
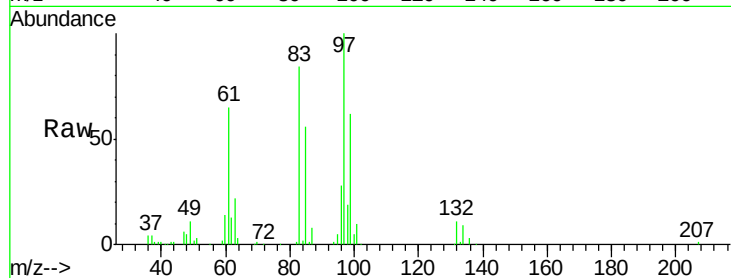




#55
 1,1,2-Trichloroethane
 Concen: 18.980 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW015862.D
 Acq: 16 Jul 2020 15:07

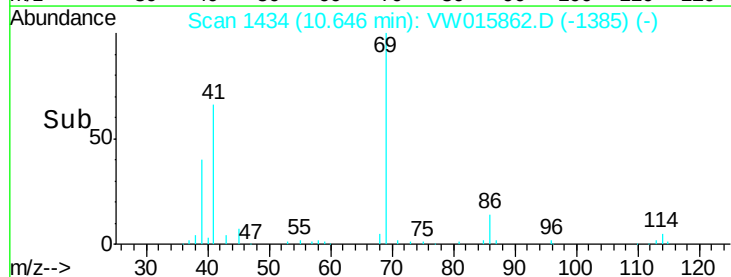
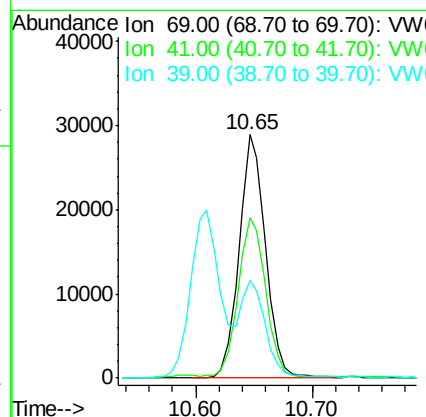
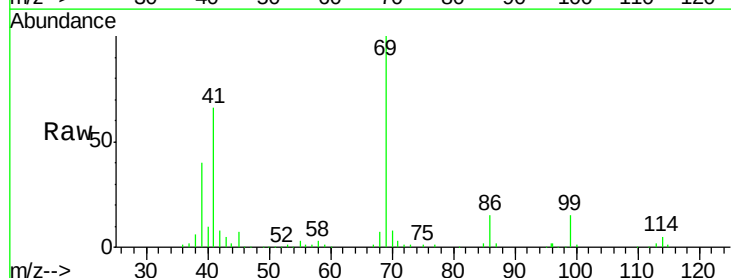
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0716SBS01

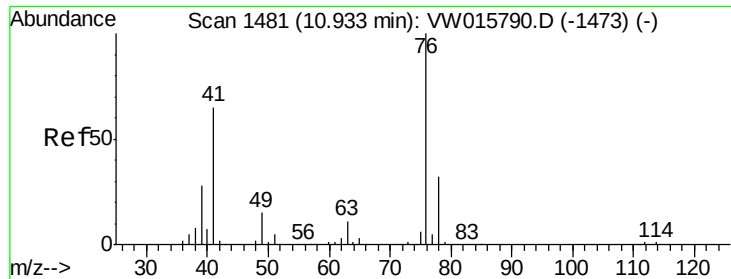
Tgt Ion:	97	Resp:	37375
Ion	Ratio	Lower	Upper
97	100		
83	84.2	68.2	102.4
85	56.2	43.4	65.0
99	61.5	48.6	72.8



#56
 Ethyl methacrylate
 Concen: 18.927 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW015862.D
 Acq: 16 Jul 2020 15:07

Tgt Ion:	69	Resp:	45822
Ion	Ratio	Lower	Upper
69	100		
41	69.0	55.0	82.6
39	36.2	33.8	50.8

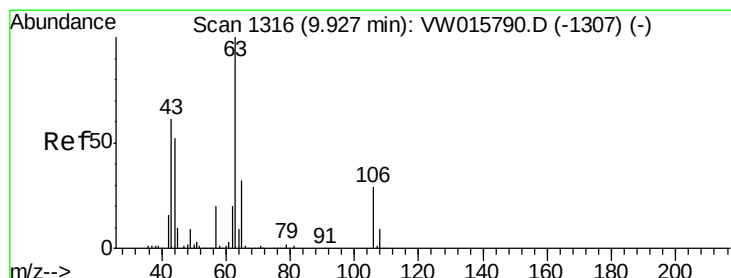
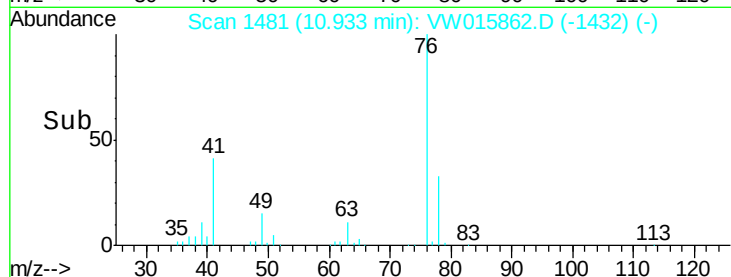
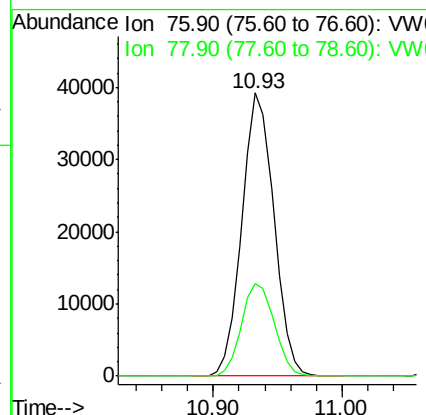
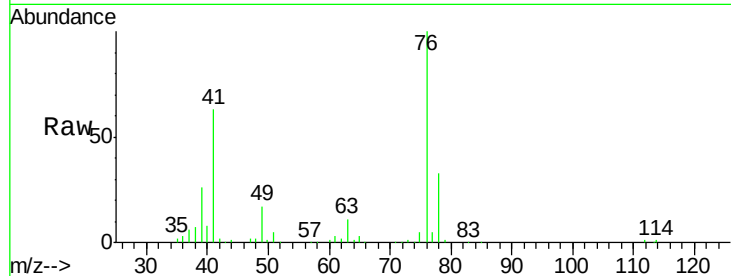




#57
 1,3-Dichloropropane
 Concen: 19.372 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW015862.D
 Acq: 16 Jul 2020 15:07

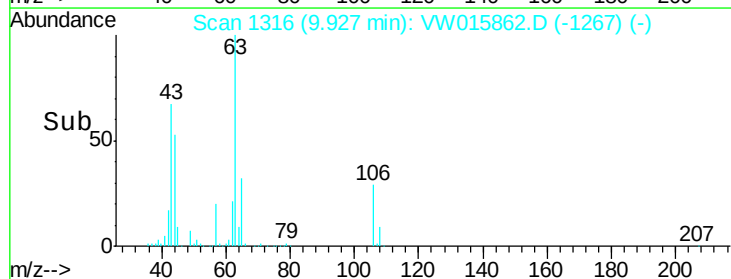
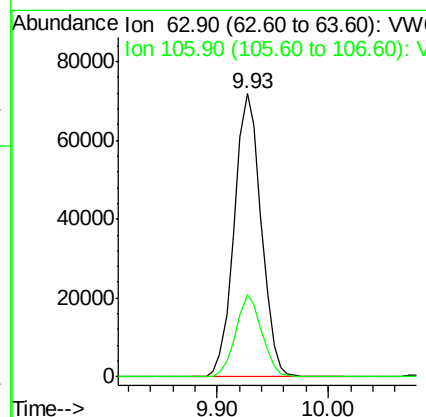
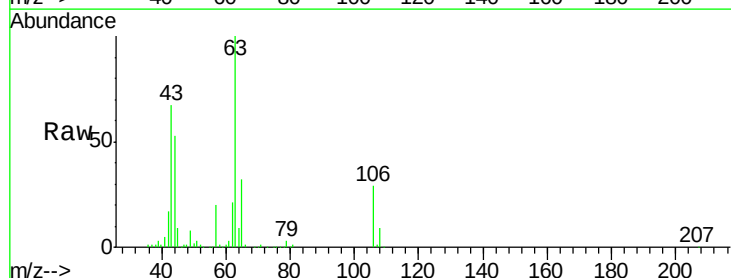
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0716SBSD01

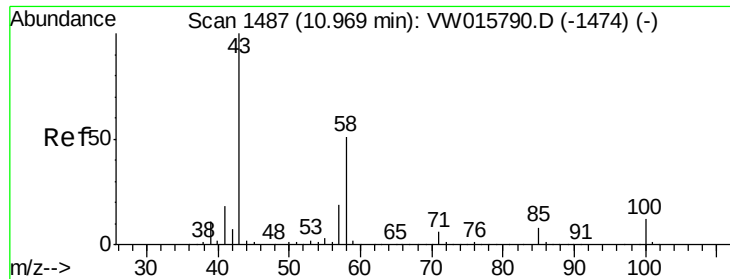
Tgt Ion: 76 Resp: 67531
 Ion Ratio Lower Upper
 76 100
 78 33.5 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 101.615 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW015862.D
 Acq: 16 Jul 2020 15:07

Tgt Ion: 63 Resp: 120204
 Ion Ratio Lower Upper
 63 100
 106 28.3 23.1 34.7





#59

2-Hexanone

Concen: 97.599 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW015862.D

Acq: 16 Jul 2020 15:07

Instrument :

MSVOA_W

ClientSampleId :

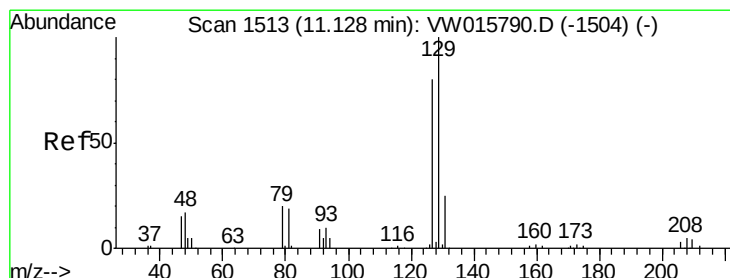
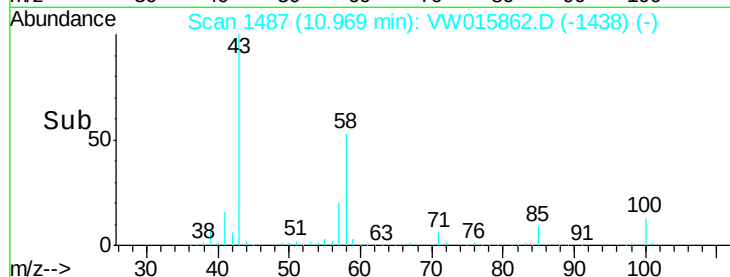
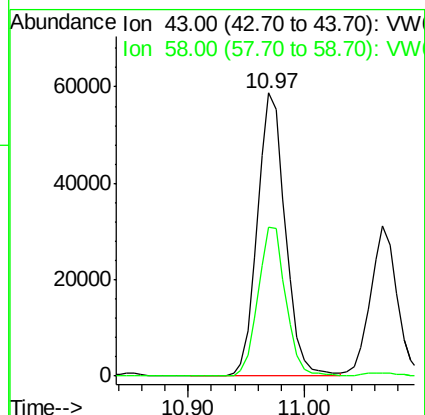
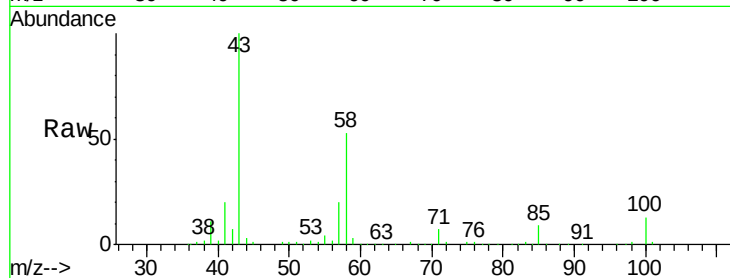
VW0716SBSD01

Tgt Ion: 43 Resp: 98758

Ion Ratio Lower Upper

43 100

58 52.4 26.2 78.5



#60

Dibromochloromethane

Concen: 18.486 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VW015862.D

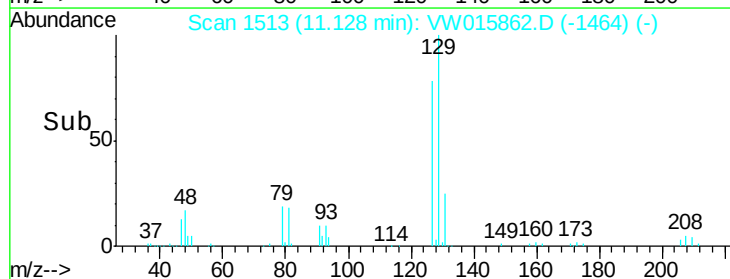
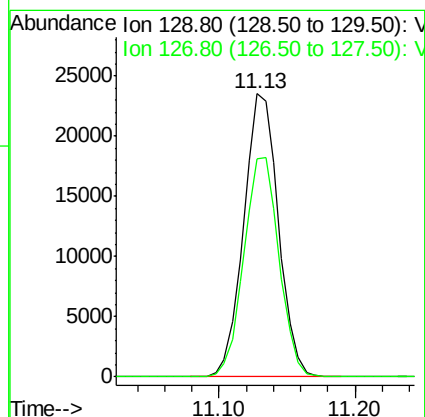
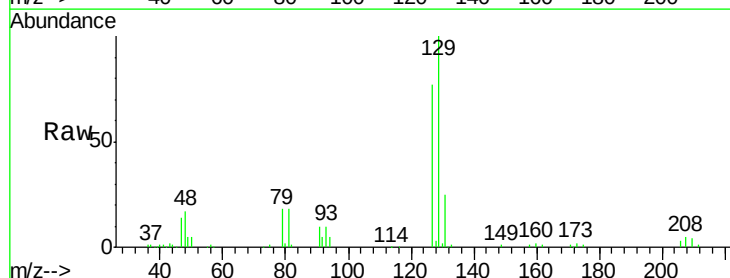
Acq: 16 Jul 2020 15:07

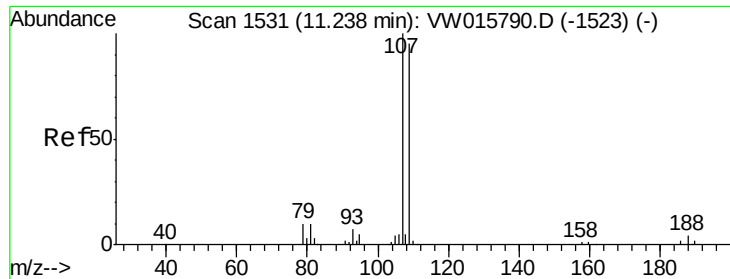
Tgt Ion: 129 Resp: 42042

Ion Ratio Lower Upper

129 100

127 78.5 39.4 118.1

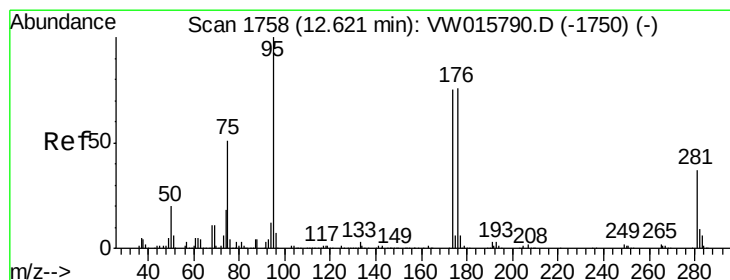
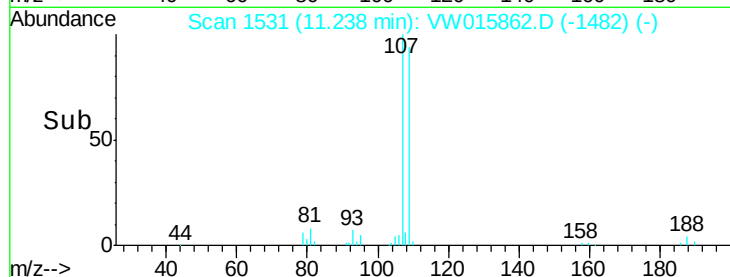
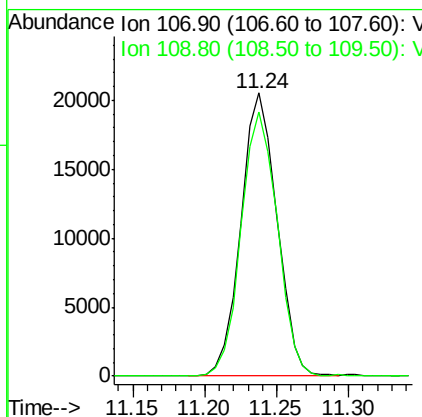
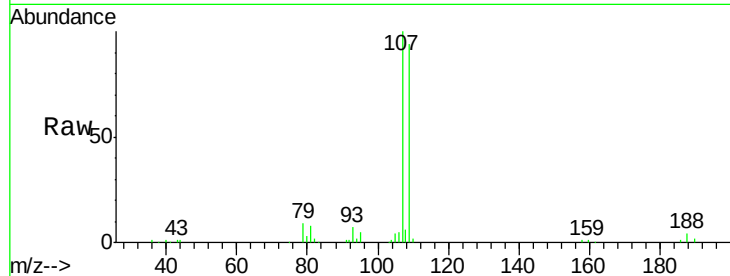




#61
 1,2-Dibromoethane
 Concen: 18.833 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW015862.D
 Acq: 16 Jul 2020 15:07

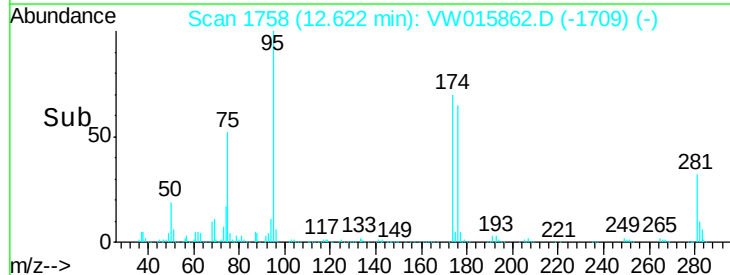
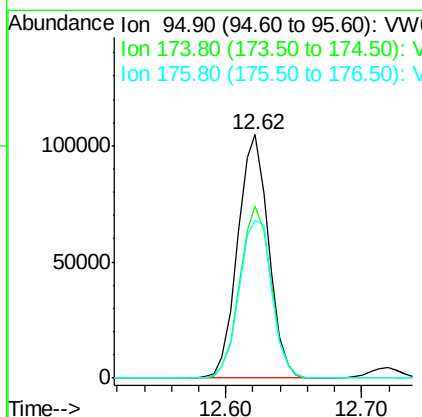
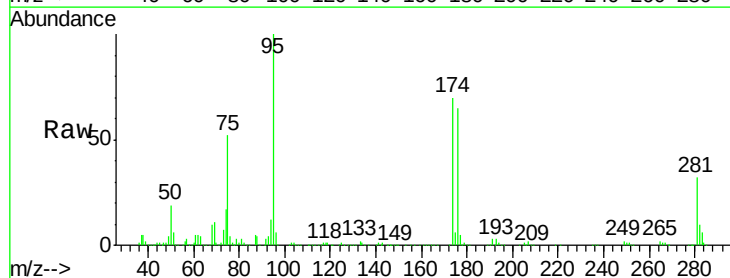
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0716SBSD01

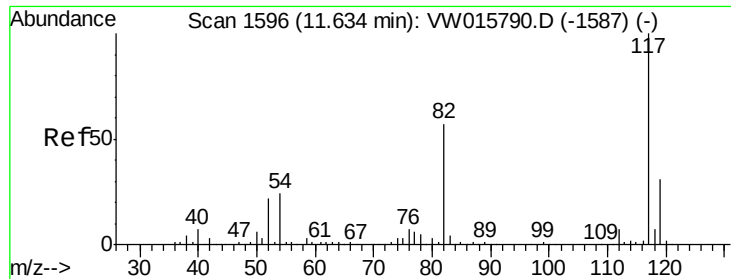
Tgt Ion: 107 Resp: 35485
 Ion Ratio Lower Upper
 107 100
 109 94.6 77.0 115.6



#62
 4-Bromofluorobenzene
 Concen: 48.558 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW015862.D
 Acq: 16 Jul 2020 15:07

Tgt Ion: 95 Resp: 165949
 Ion Ratio Lower Upper
 95 100
 174 71.7 0.0 150.2
 176 69.2 0.0 148.4

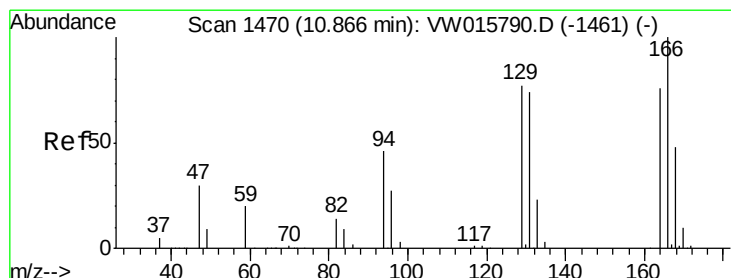
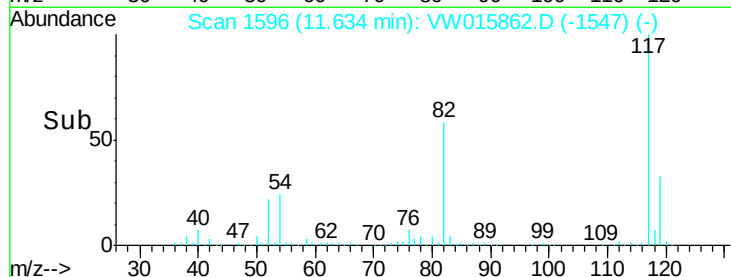
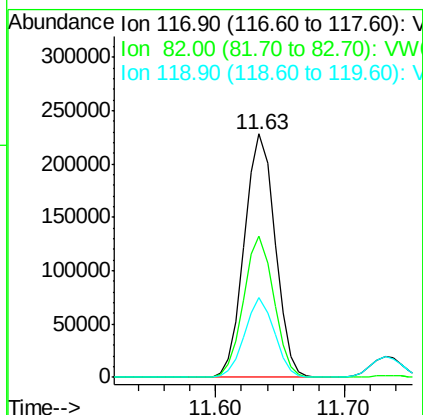
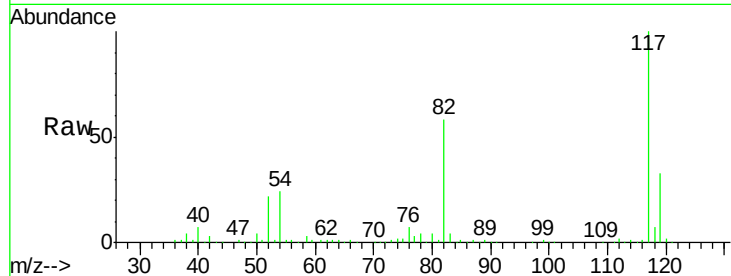




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015862.D
Acq: 16 Jul 2020 15:07

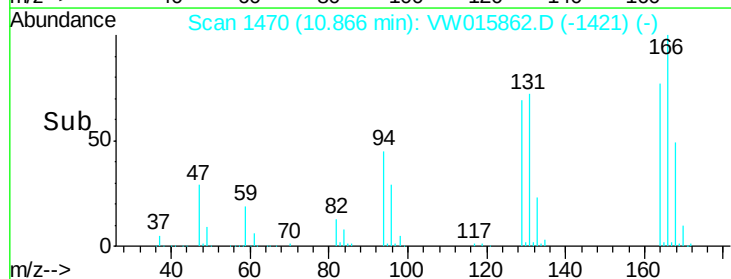
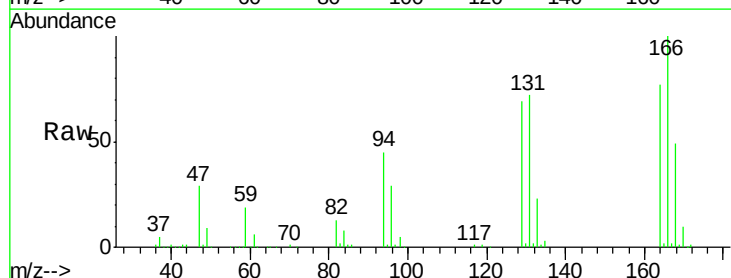
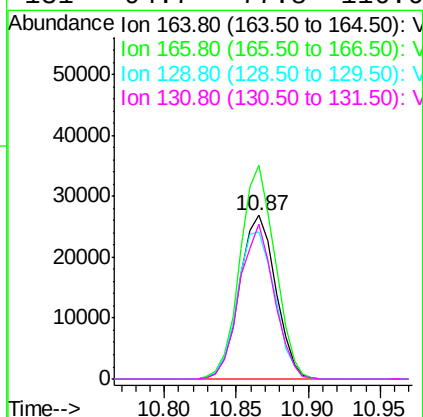
Instrument :
MSVOA_W
ClientSampleId :
VW0716SBSD01

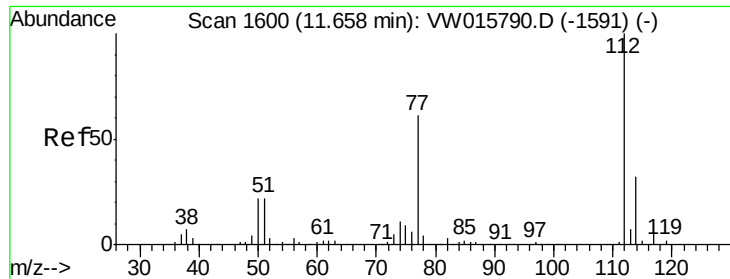
Tgt Ion:117 Resp: 376383
Ion Ratio Lower Upper
117 100
82 58.0 45.5 68.3
119 32.6 25.0 37.6



#64
Tetrachloroethene
Concen: 19.697 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW015862.D
Acq: 16 Jul 2020 15:07

Tgt Ion:164 Resp: 46917
Ion Ratio Lower Upper
164 100
166 130.6 105.1 157.7
129 90.1 80.6 121.0
131 94.7 77.8 116.6

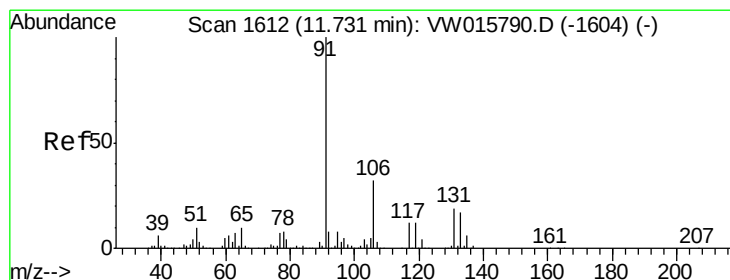
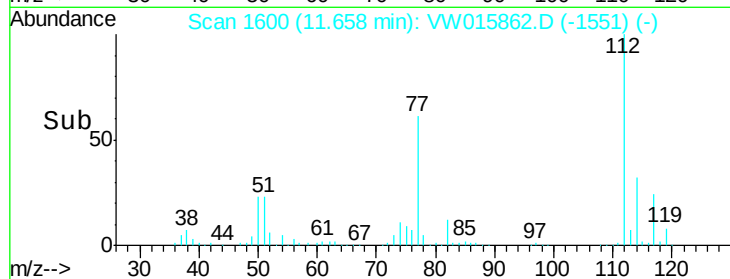
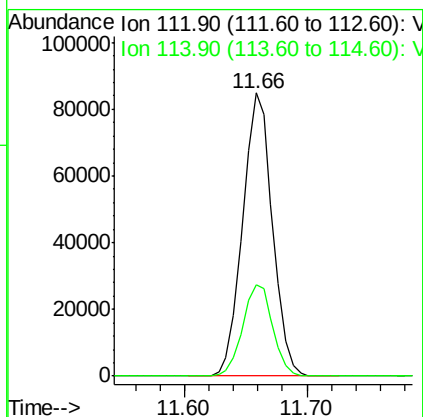
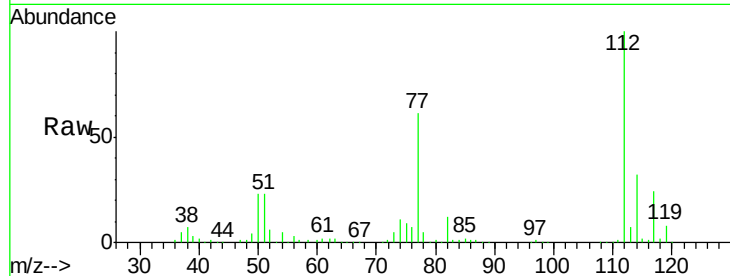




#65
Chlorobenzene
Concen: 19.434 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW015862.D
Acq: 16 Jul 2020 15:07

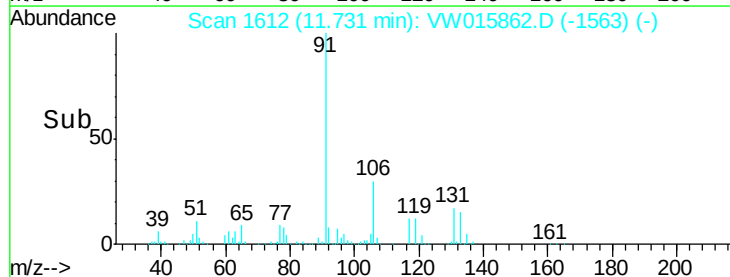
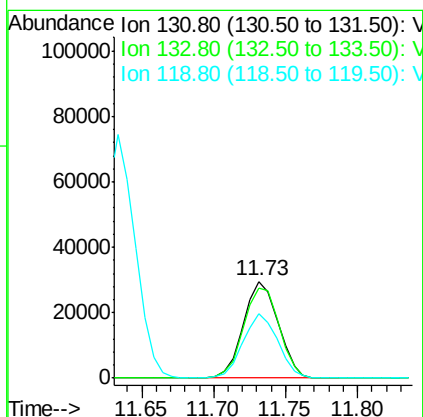
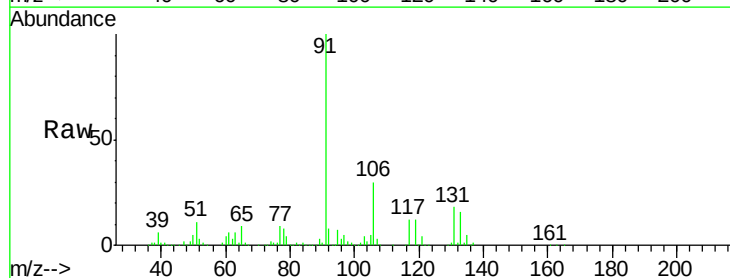
Instrument :
MSVOA_W
ClientSampleId :
VW0716SBSD01

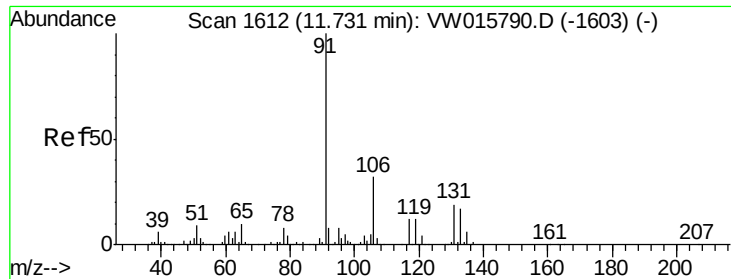
Tgt Ion:112 Resp: 143043
Ion Ratio Lower Upper
112 100
114 32.1 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 19.044 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015862.D
Acq: 16 Jul 2020 15:07

Tgt Ion:131 Resp: 49604
Ion Ratio Lower Upper
131 100
133 95.5 47.0 141.2
119 65.7 32.3 96.8

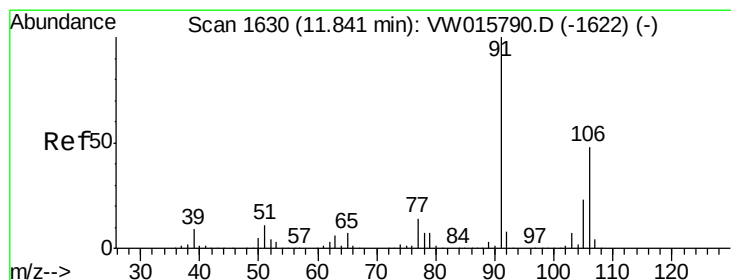
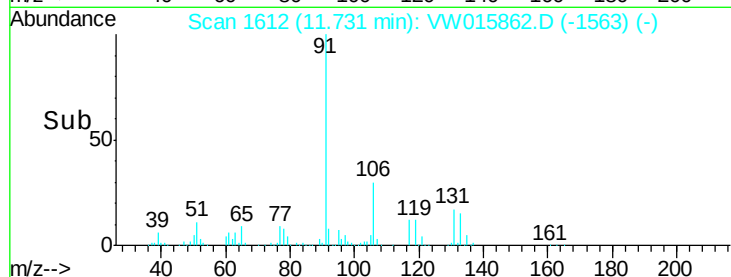
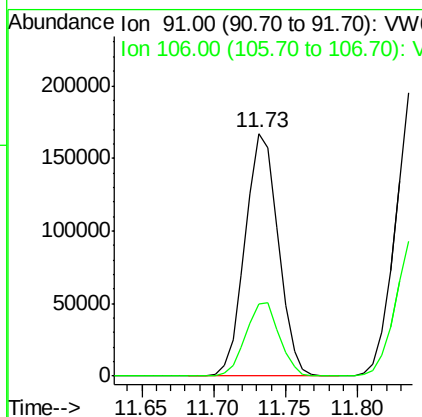
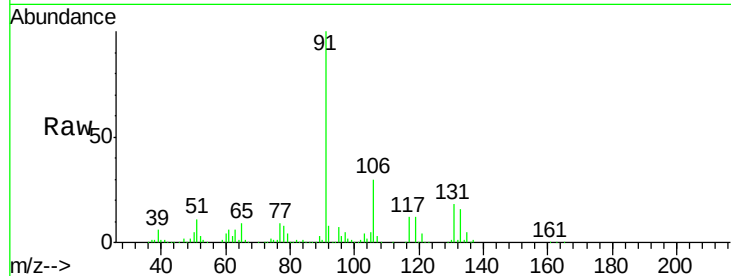




#67
Ethyl Benzene
Concen: 19.588 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015862.D
Acq: 16 Jul 2020 15:07

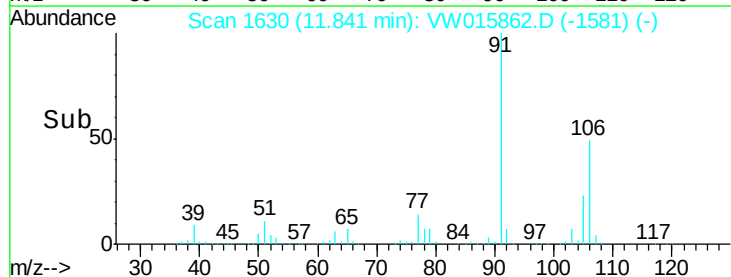
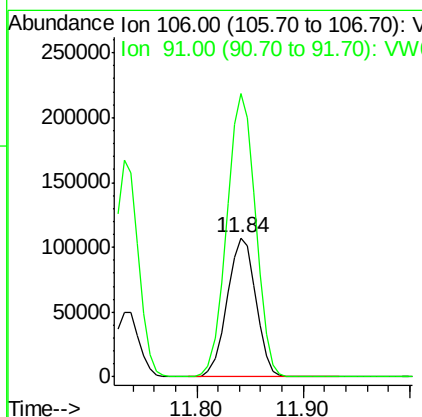
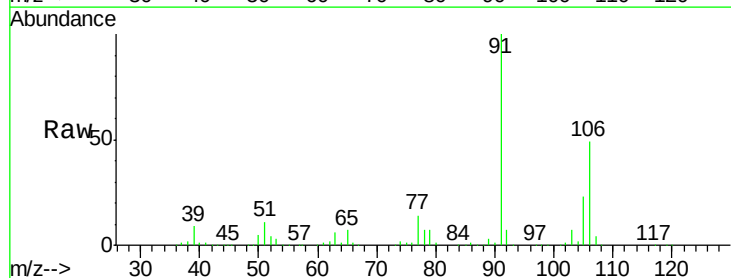
Instrument :
MSVOA_W
ClientSampleId :
VW0716SBSD01

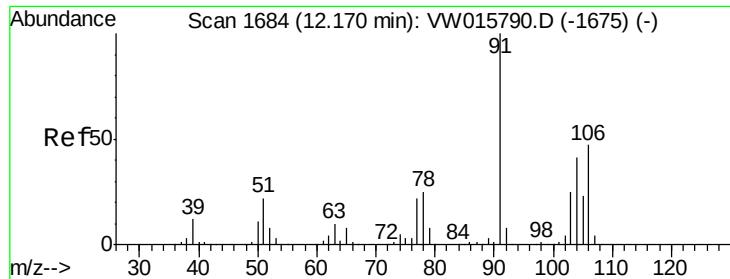
Tgt Ion: 91 Resp: 267003
Ion Ratio Lower Upper
91 100
106 30.0 25.8 38.8



#68
m/p-Xylenes
Concen: 39.558 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW015862.D
Acq: 16 Jul 2020 15:07

Tgt Ion: 106 Resp: 202555
Ion Ratio Lower Upper
106 100
91 204.1 164.1 246.1

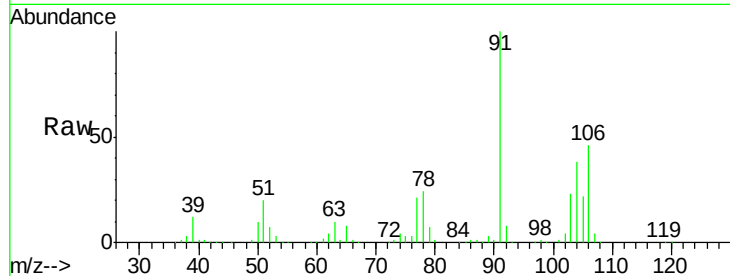




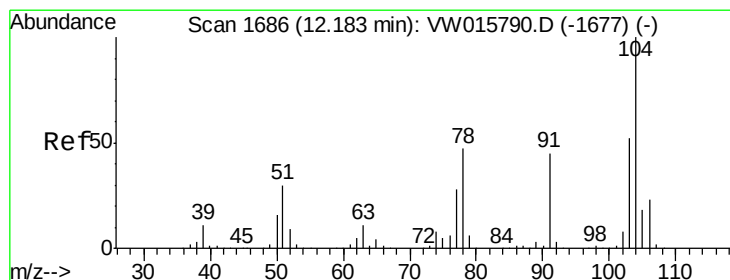
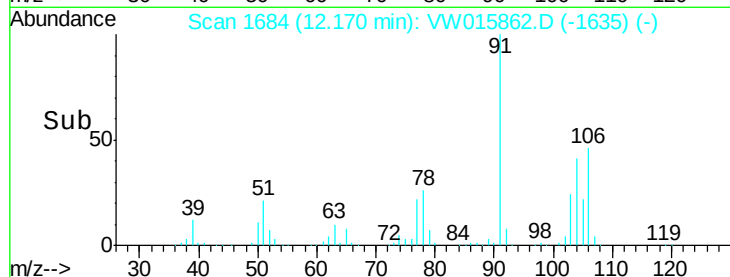
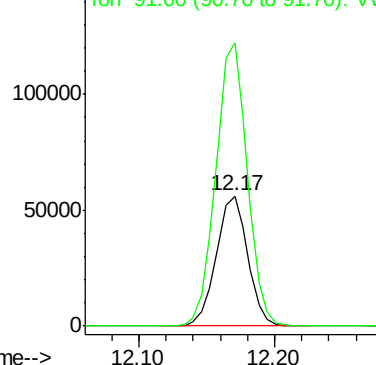
#69
o-Xylene
Concen: 19.416 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW015862.D
Acq: 16 Jul 2020 15:07

Instrument :
MSVOA_W
ClientSampleId :
VW0716SBSD01

Tgt Ion:106 Resp: 90748
Ion Ratio Lower Upper
106 100
91 218.5 108.5 325.3

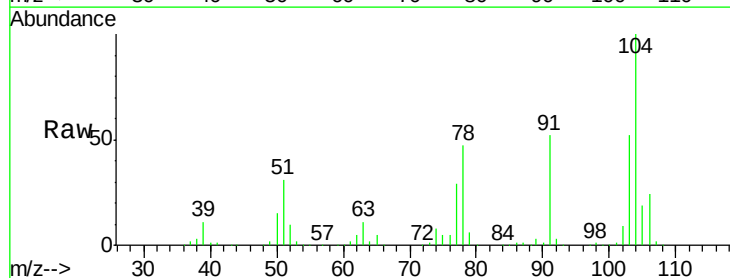


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

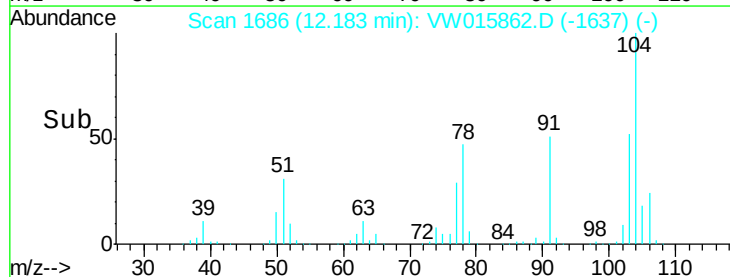
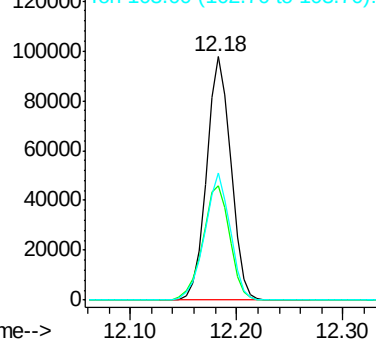


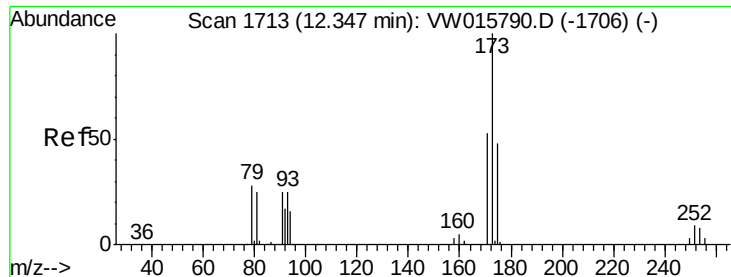
#70
Styrene
Concen: 19.501 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW015862.D
Acq: 16 Jul 2020 15:07

Tgt Ion:104 Resp: 156829
Ion Ratio Lower Upper
104 100
78 52.2 41.0 61.4
103 54.7 43.8 65.8



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 18.385 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW015862.D

Acq: 16 Jul 2020 15:07

Instrument :

MSVOA_W

ClientSampleId :

VW0716SBSD01

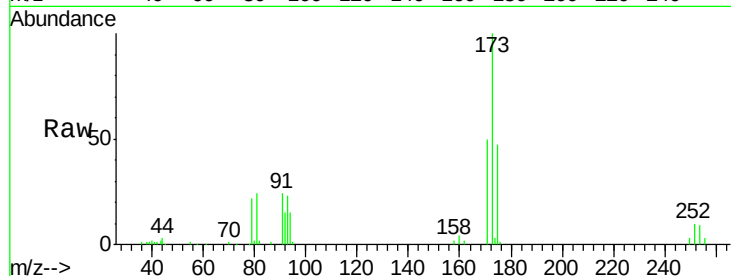
Tgt Ion:173 Resp: 21858

Ion Ratio Lower Upper

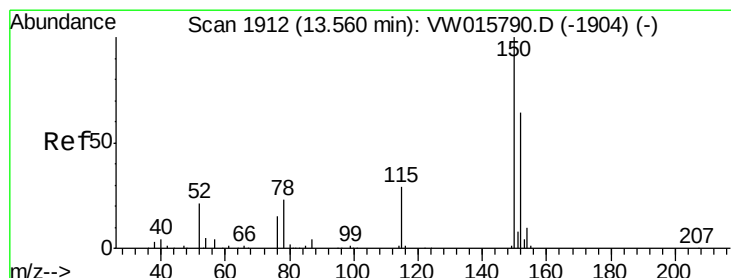
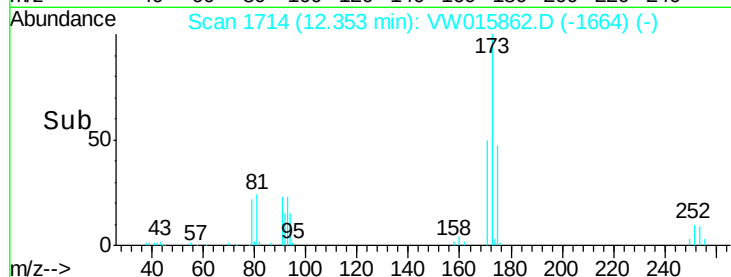
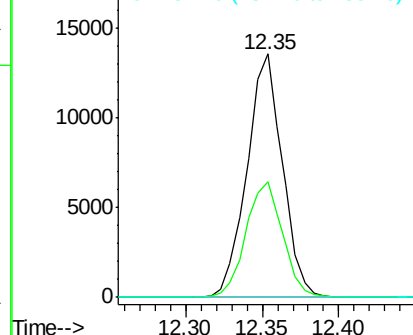
173 100

175 49.1 23.5 70.5

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: VW015862.D

Acq: 16 Jul 2020 15:07

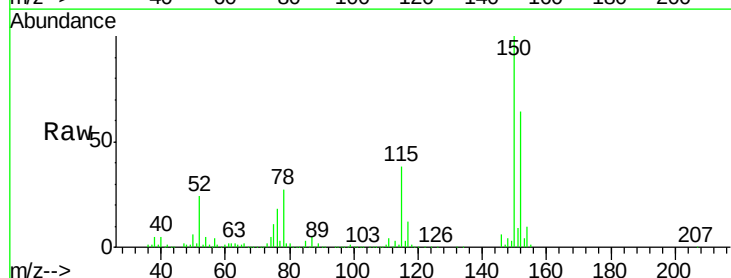
Tgt Ion:152 Resp: 188896

Ion Ratio Lower Upper

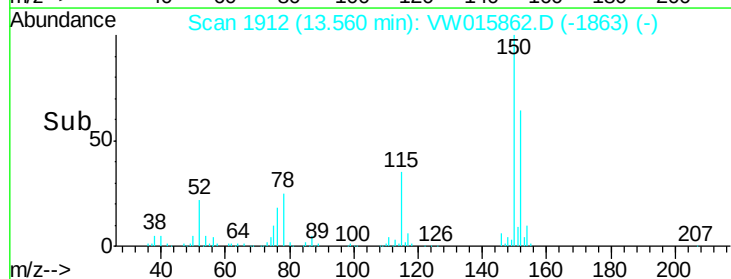
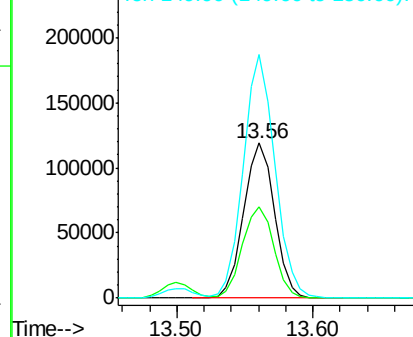
152 100

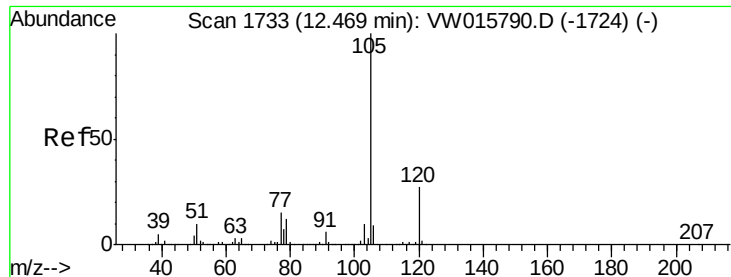
115 60.2 29.9 89.7

150 160.8 0.0 350.8



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: 19.172 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW015862.D

Acq: 16 Jul 2020 15:07

Instrument :

MSVOA_W

ClientSampleId :

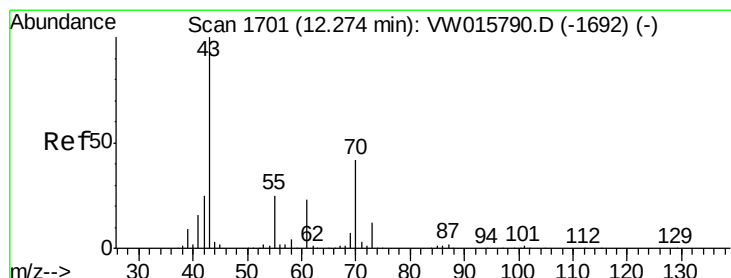
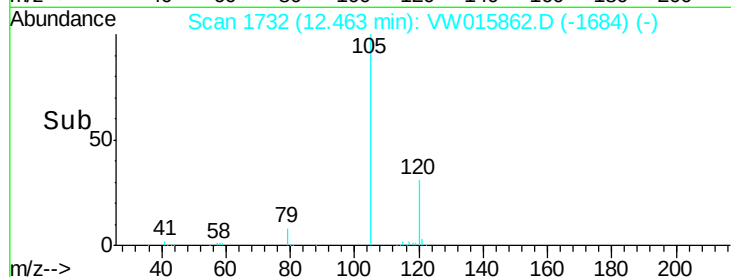
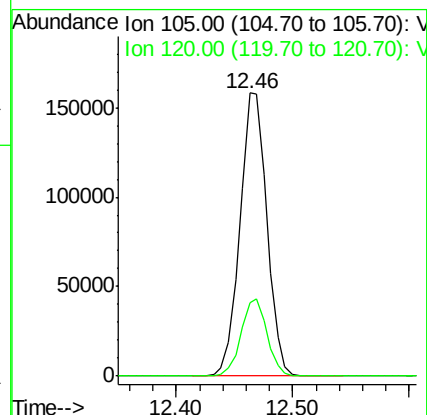
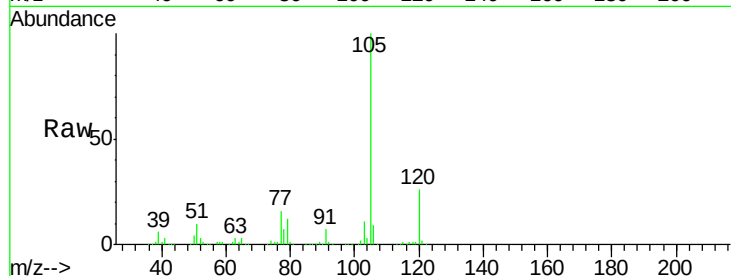
VW0716SBSD01

Tgt Ion: 105 Resp: 255134

Ion Ratio Lower Upper

105 100

120 26.3 13.2 39.6



#74

N-amyl acetate

Concen: 19.107 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW015862.D

Acq: 16 Jul 2020 15:07

Tgt Ion: 43 Resp: 54398

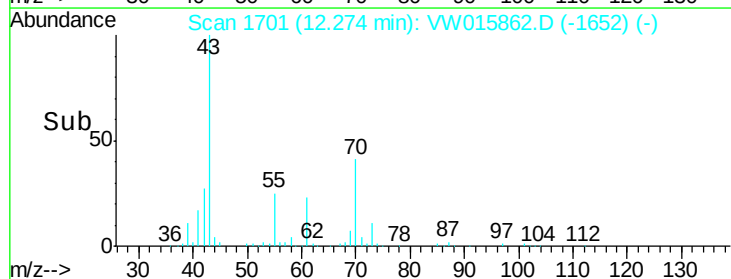
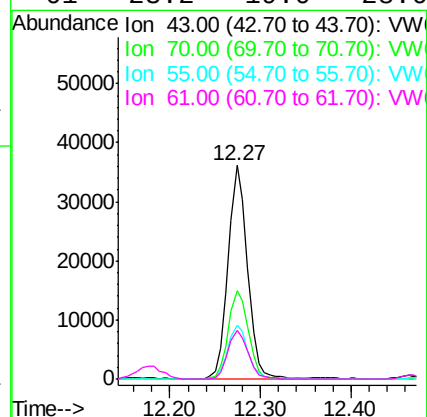
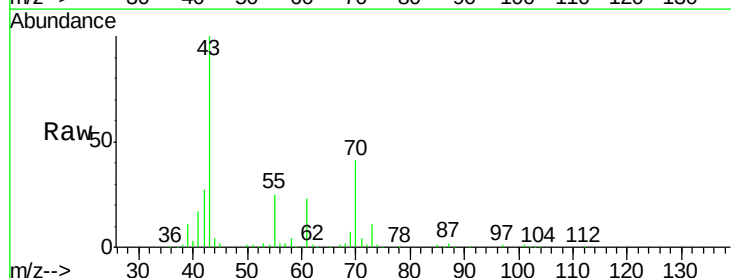
Ion Ratio Lower Upper

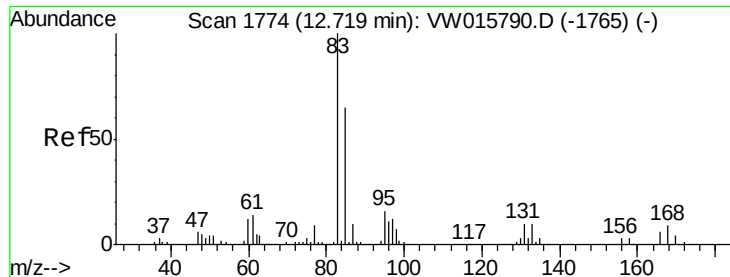
43 100

70 42.2 34.1 51.1

55 26.1 20.0 30.0

61 23.2 19.0 28.6

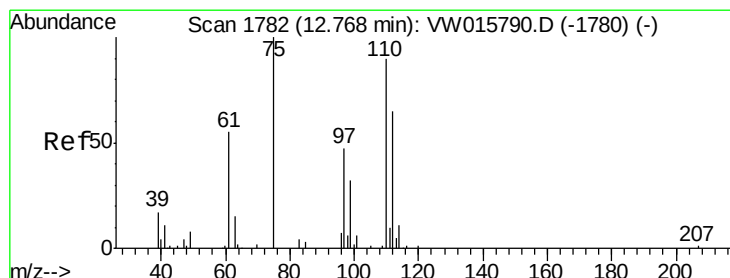
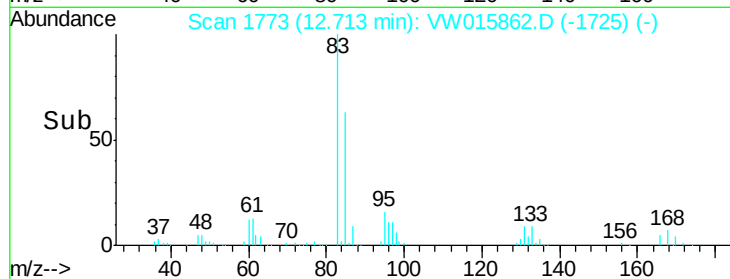
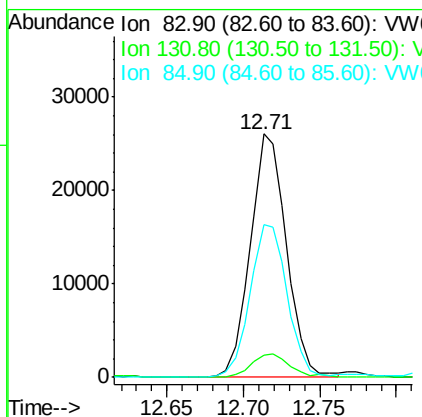
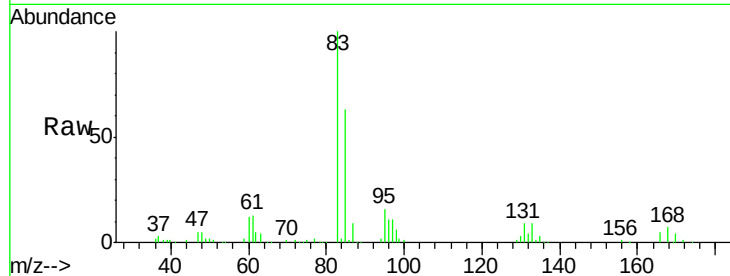




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.373 ug/l
 RT: 12.71 min Scan# 1773
 Delta R.T. -0.01 min
 Lab File: VW015862.D
 Acq: 16 Jul 2020 15:07

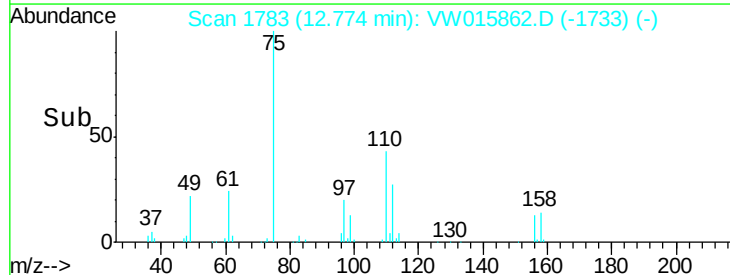
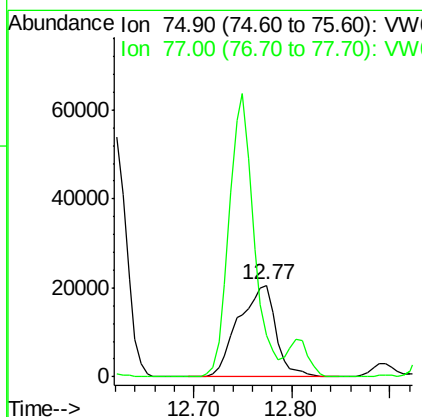
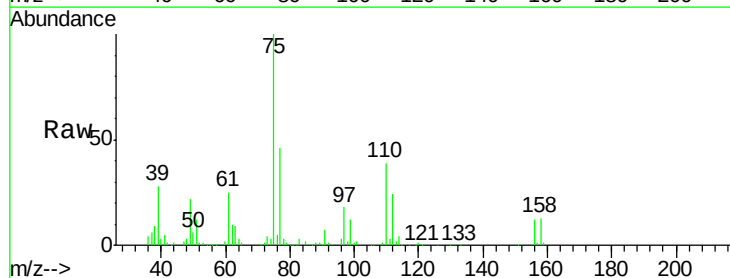
Instrument :
 MSVOA_W
 ClientSampled :
 VW0716SBSD01

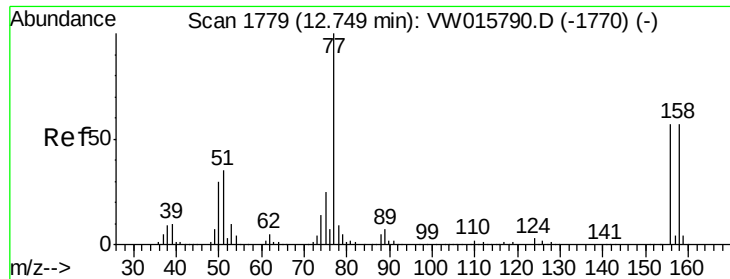
Tgt Ion	Ratio	Lower	Upper
83	100		
131	10.6	5.3	16.1
85	64.4	31.9	95.9



#76
 1,2,3-Trichloropropane
 Concen: 32.980 ug/l
 RT: 12.77 min Scan# 1783
 Delta R.T. 0.01 min
 Lab File: VW015862.D
 Acq: 16 Jul 2020 15:07

Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.0	177.3	532.0#





#77

Bromobenzene

Concen: 19.354 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW015862.D

Acq: 16 Jul 2020 15:07

Instrument :

MSVOA_W

ClientSampleId :

VW0716SBSD01

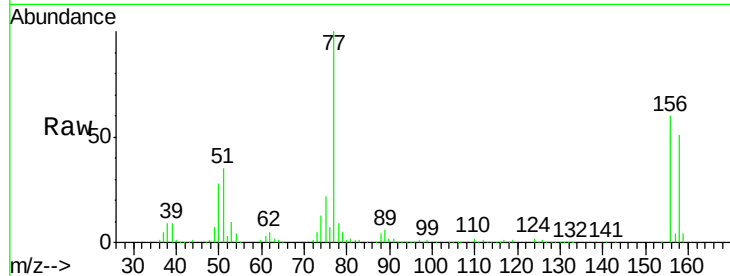
Tgt Ion: 156 Resp: 57750

Ion Ratio Lower Upper

156 100

77 194.4 98.8 296.4

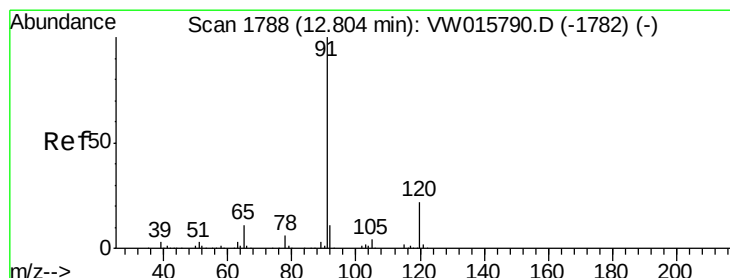
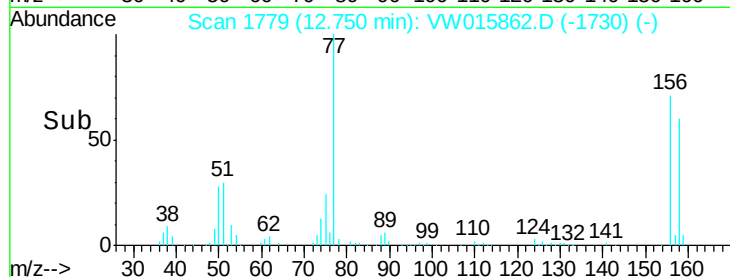
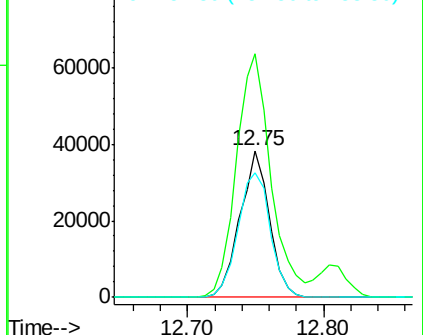
158 93.5 50.0 149.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.771 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW015862.D

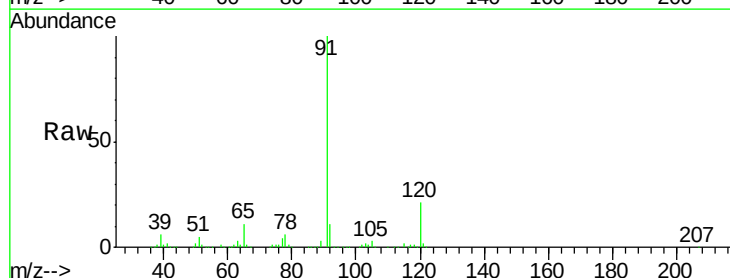
Acq: 16 Jul 2020 15:07

Tgt Ion: 91 Resp: 319347

Ion Ratio Lower Upper

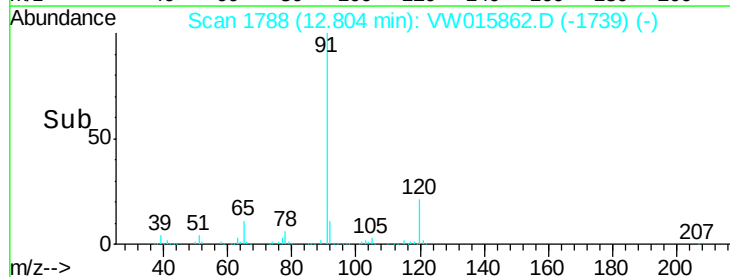
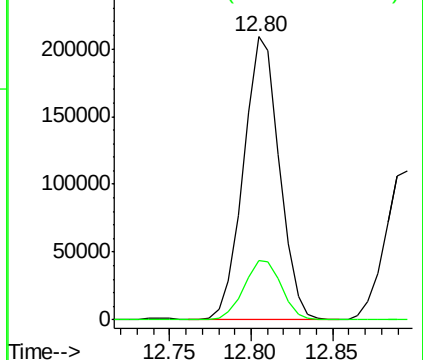
91 100

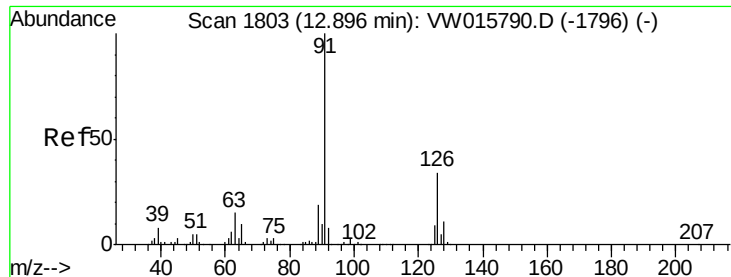
120 21.8 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.464 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW015862.D

Acq: 16 Jul 2020 15:07

Instrument :

MSVOA_W

ClientSampleId :

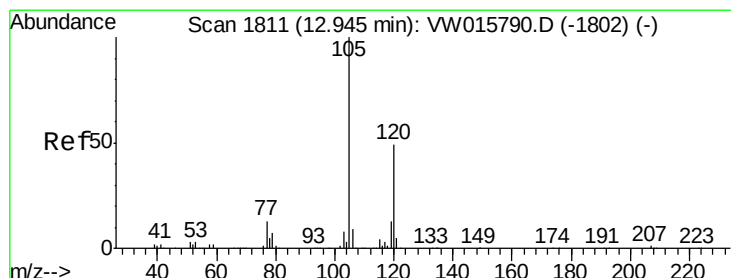
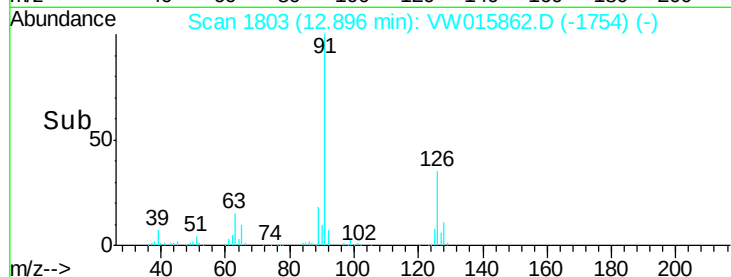
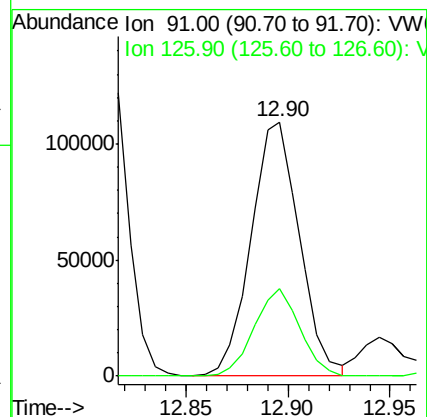
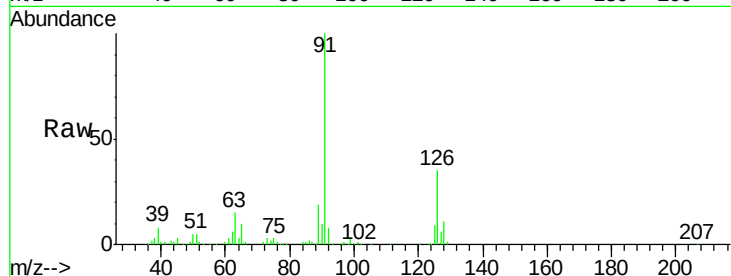
VW0716SBSD01

Tgt Ion: 91 Resp: 179293

Ion Ratio Lower Upper

91 100

126 32.9 16.5 49.5



#80

1,3,5-Trimethylbenzene

Concen: 19.693 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW015862.D

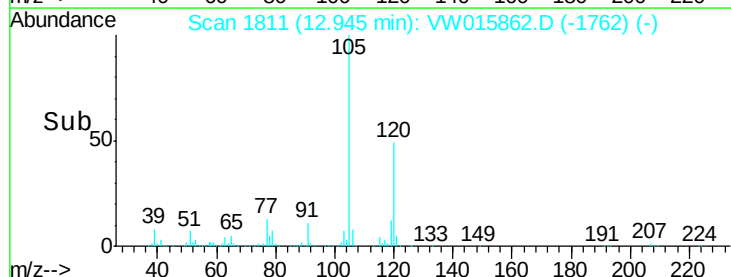
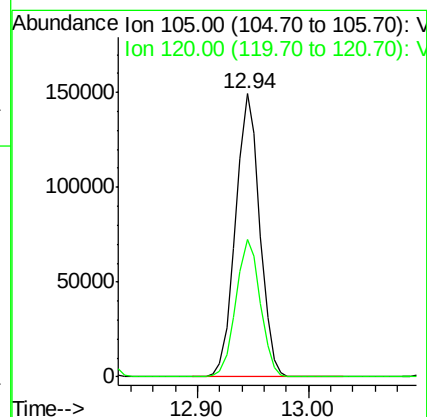
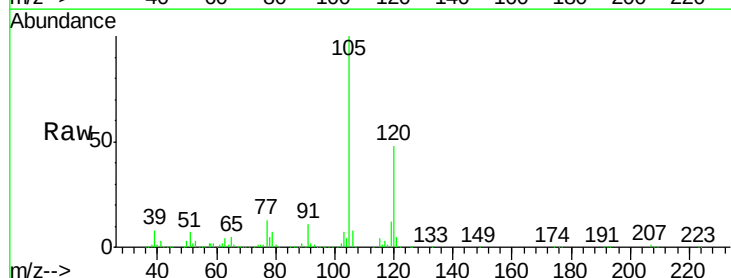
Acq: 16 Jul 2020 15:07

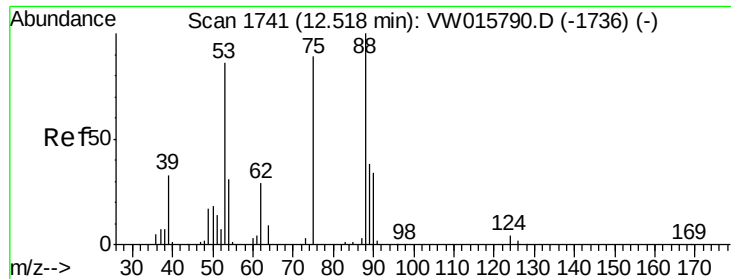
Tgt Ion: 105 Resp: 223363

Ion Ratio Lower Upper

105 100

120 49.2 25.1 75.3

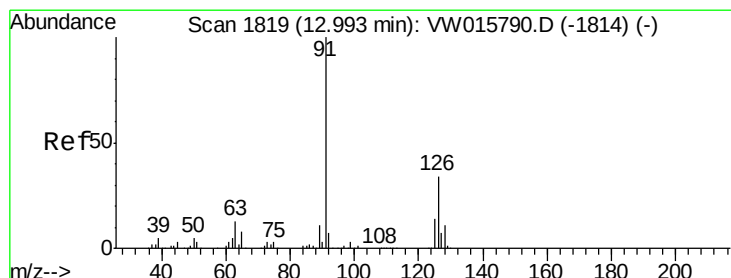
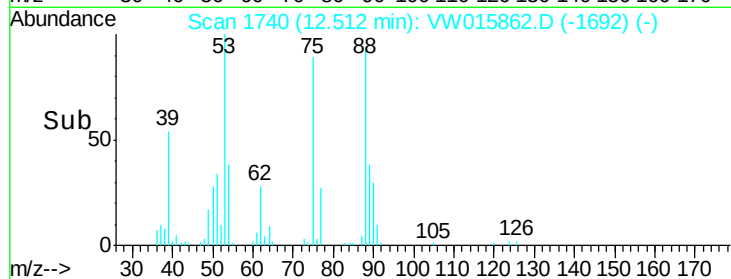
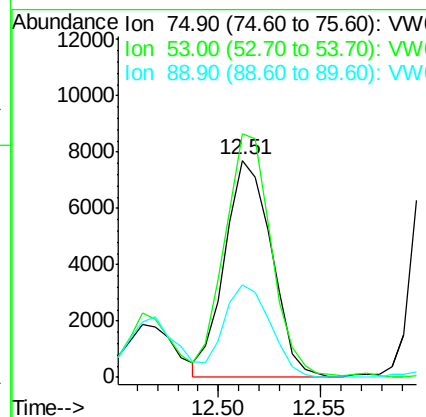
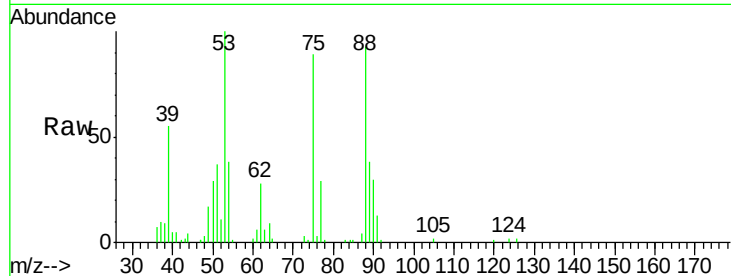




#81
trans-1,4-Dichloro-2-butene
Concen: 19.283 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.01 min
Lab File: VW015862.D
Acq: 16 Jul 2020 15:07

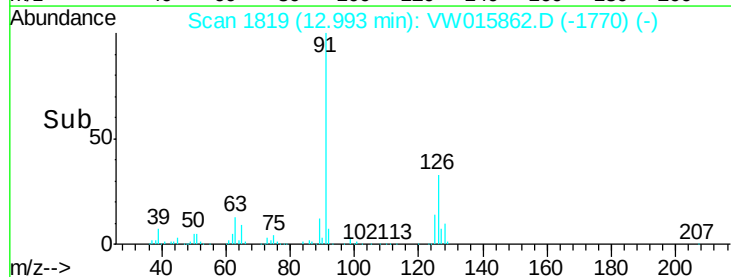
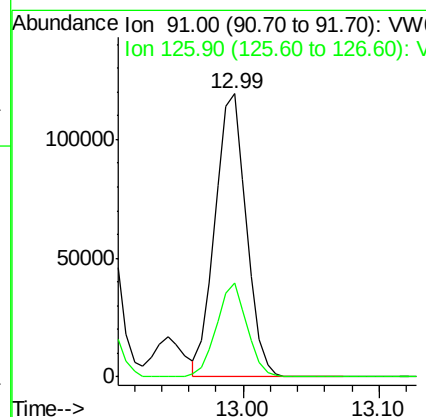
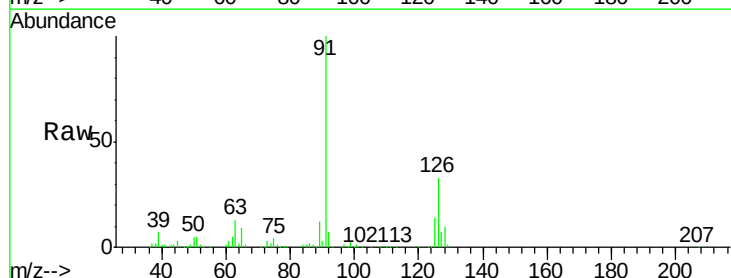
Instrument :
MSVOA_W
ClientSampleId :
VW0716SBSD01

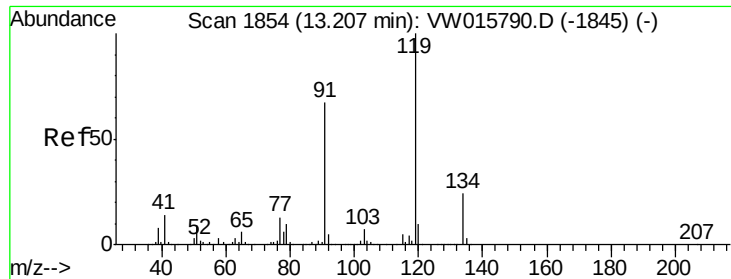
Tgt Ion: 75 Resp: 12311
Ion Ratio Lower Upper
75 100
53 110.6 85.9 128.9
89 41.7 36.2 54.4



#82
4-Chlorotoluene
Concen: 19.613 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW015862.D
Acq: 16 Jul 2020 15:07

Tgt Ion: 91 Resp: 188662
Ion Ratio Lower Upper
91 100
126 32.4 16.3 48.9





#83

tert-Butylbenzene

Concen: 19.317 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VW015862.D

Acq: 16 Jul 2020 15:07

Instrument :

MSVOA_W

ClientSampleId :

VW0716SBS01

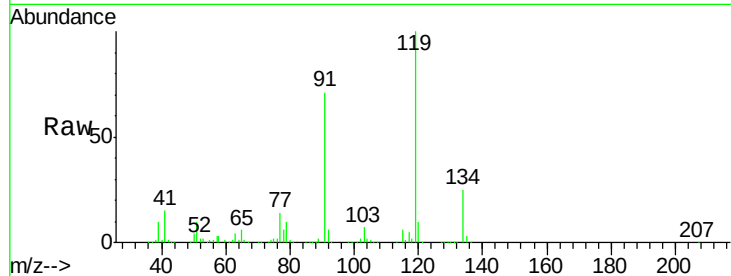
Tgt Ion:119 Resp: 181889

Ion Ratio Lower Upper

119 100

91 69.3 34.4 103.3

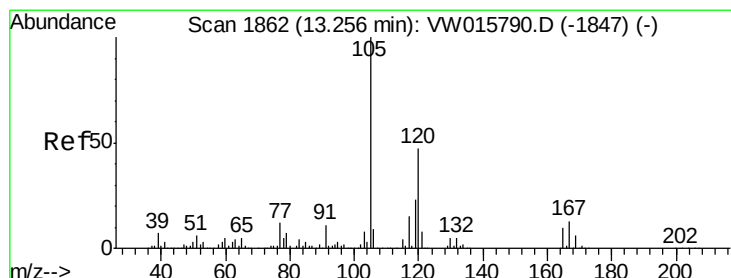
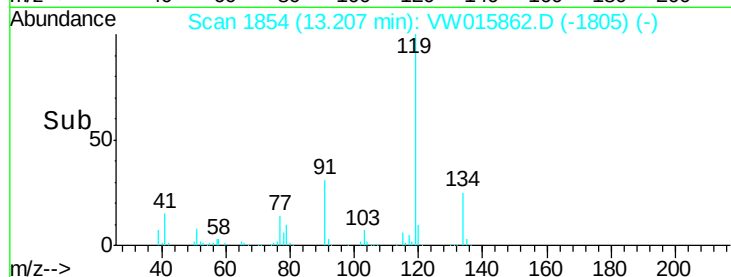
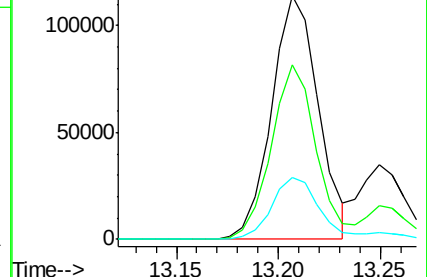
134 25.4 13.6 40.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.118 ug/l

RT: 13.25 min Scan# 1861

Delta R.T. -0.01 min

Lab File: VW015862.D

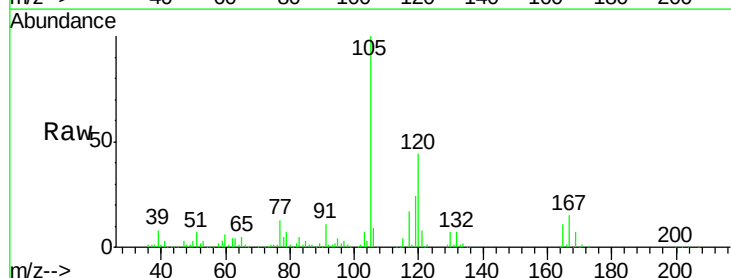
Acq: 16 Jul 2020 15:07

Tgt Ion:105 Resp: 227869

Ion Ratio Lower Upper

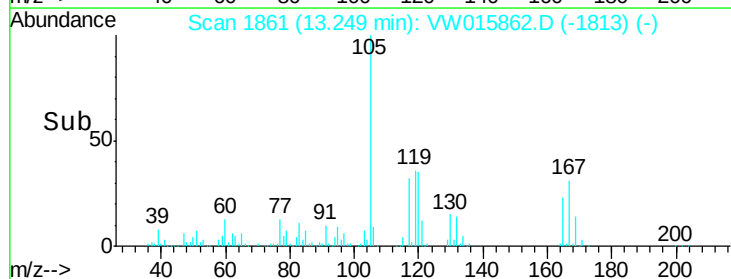
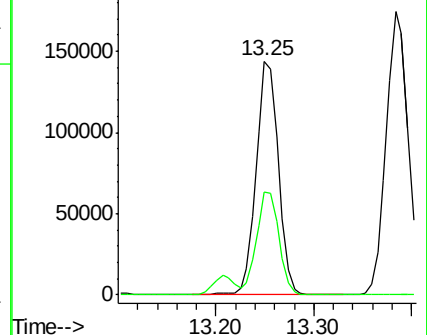
105 100

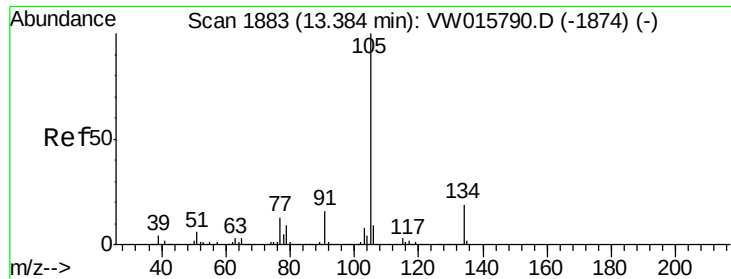
120 44.0 22.8 68.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

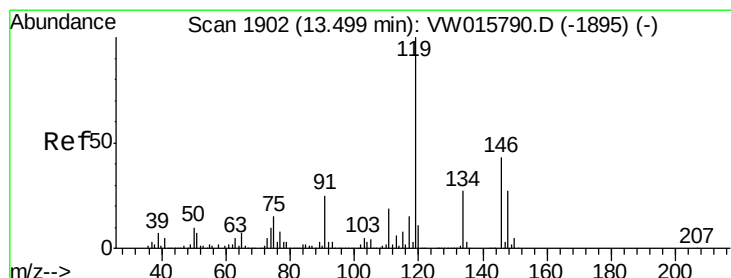
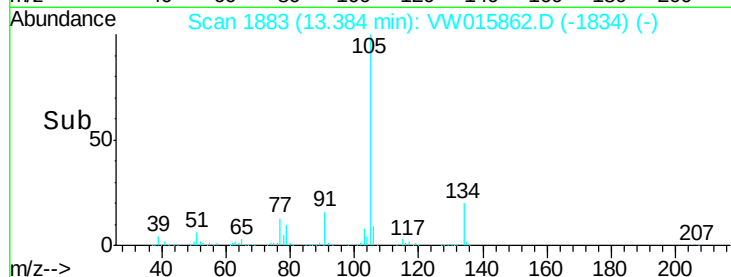
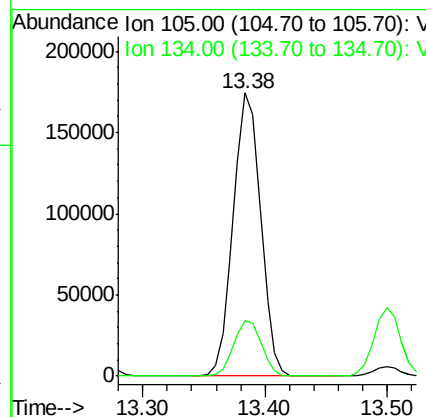
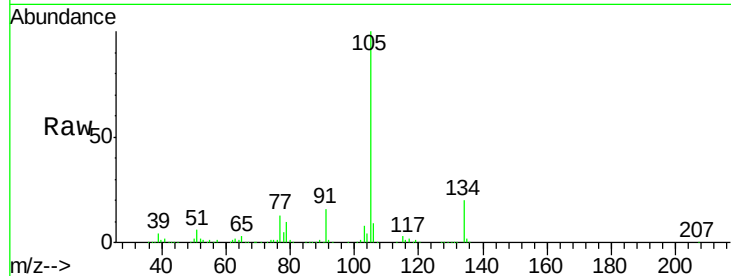




#85
 sec-Butylbenzene
 Concen: 19.928 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW015862.D
 Acq: 16 Jul 2020 15:07

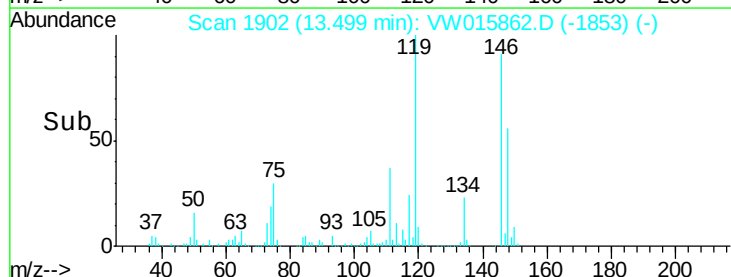
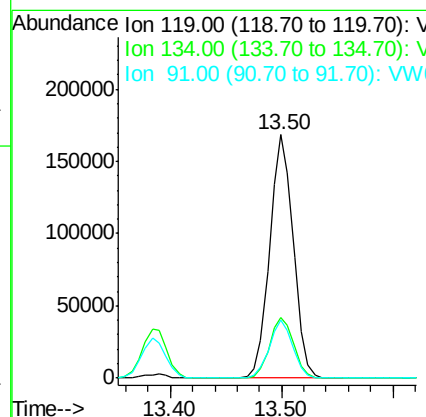
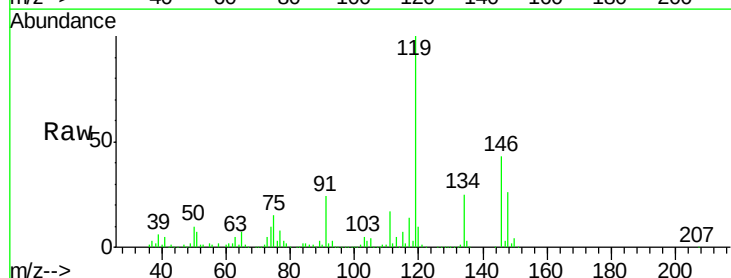
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0716SBSD01

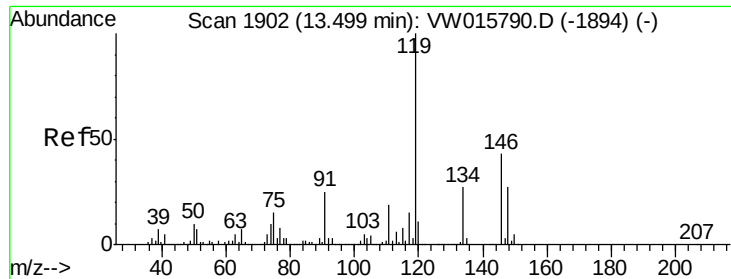
Tgt Ion:105 Resp: 270990
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 20.081 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW015862.D
 Acq: 16 Jul 2020 15:07

Tgt Ion:119 Resp: 249355
 Ion Ratio Lower Upper
 119 100
 134 25.4 13.2 39.6
 91 23.9 12.2 36.6

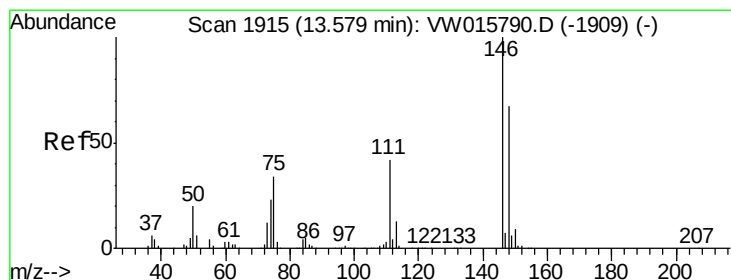
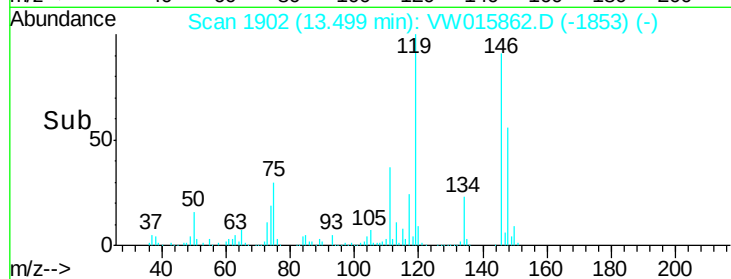
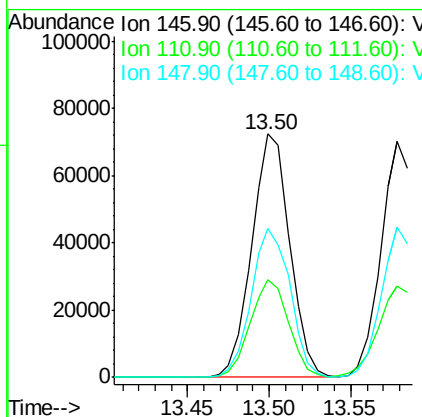
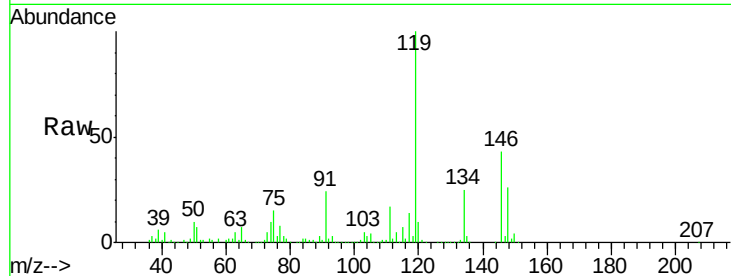




#87
 1,3-Dichlorobenzene
 Concen: 19.618 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW015862.D
 Acq: 16 Jul 2020 15:07

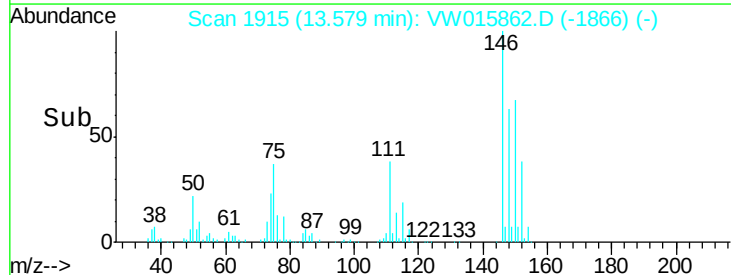
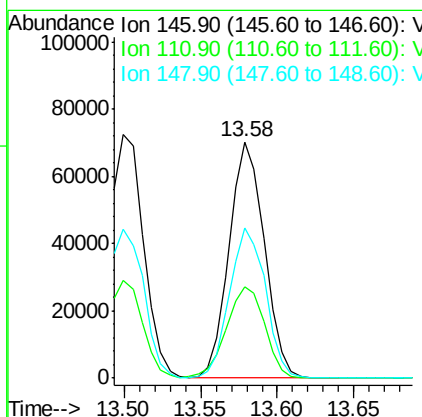
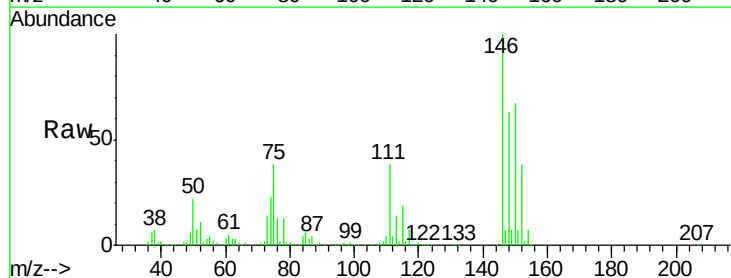
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0716SBSD01

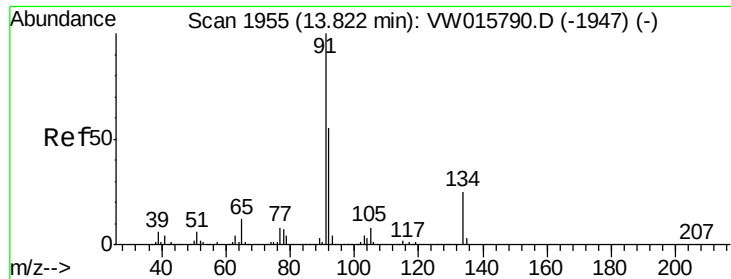
Tgt Ion:146 Resp: 117346
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.8 62.4
 148 62.5 31.4 94.2



#88
 1,4-Dichlorobenzene
 Concen: 19.205 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW015862.D
 Acq: 16 Jul 2020 15:07

Tgt Ion:146 Resp: 112457
 Ion Ratio Lower Upper
 146 100
 111 41.8 20.2 60.6
 148 64.8 31.8 95.4





#89

n-Butylbenzene

Concen: 20.213 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW015862.D

Acq: 16 Jul 2020 15:07

Instrument :

MSVOA_W

ClientSampleId :

VW0716SBSD01

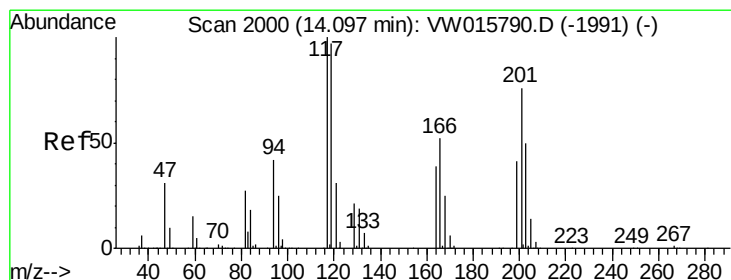
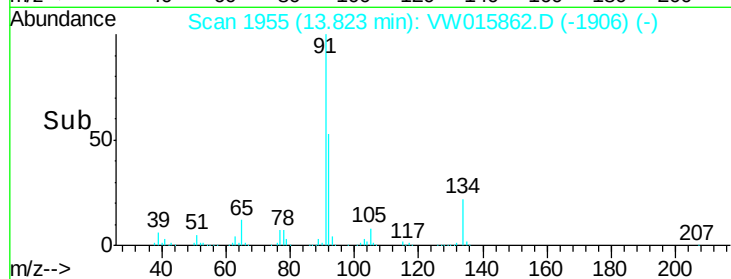
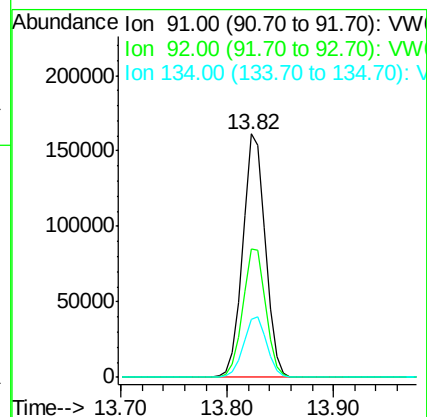
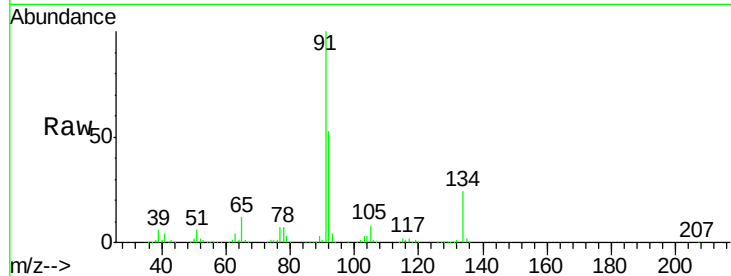
Tgt Ion: 91 Resp: 240198

Ion Ratio Lower Upper

91 100

92 53.9 27.2 81.6

134 25.4 12.7 38.1



#90

Hexachloroethane

Concen: 18.983 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW015862.D

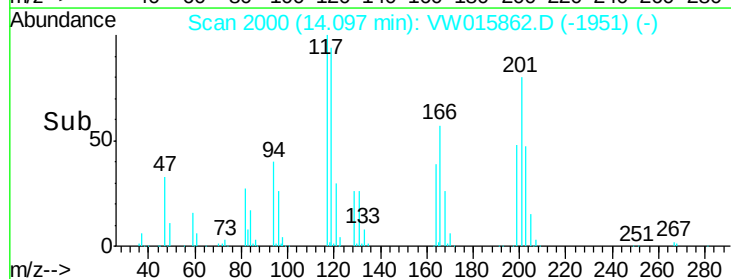
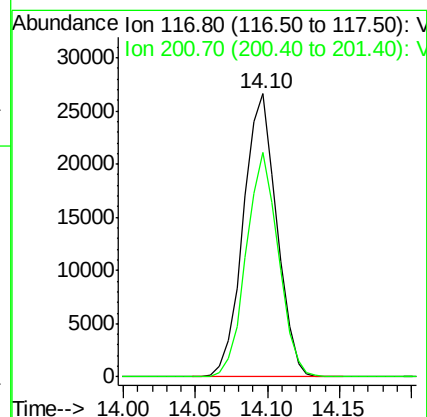
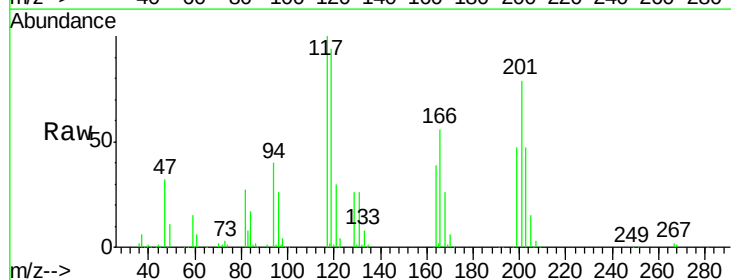
Acq: 16 Jul 2020 15:07

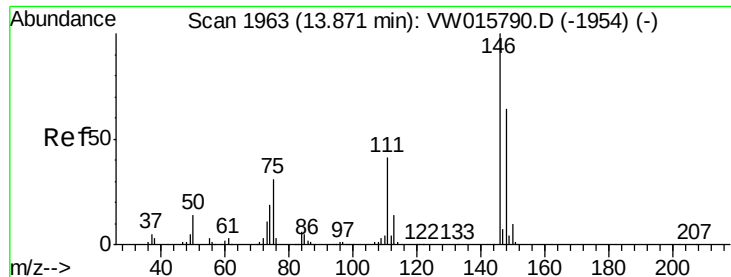
Tgt Ion: 117 Resp: 42726

Ion Ratio Lower Upper

117 100

201 76.1 37.1 111.3

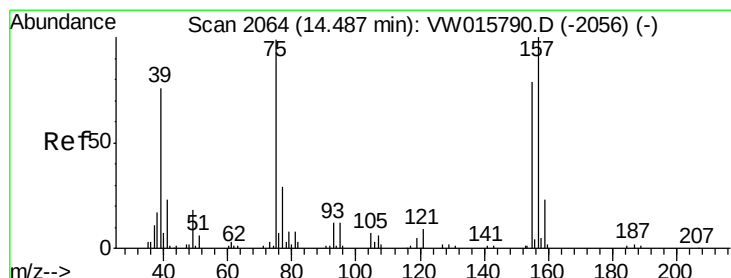
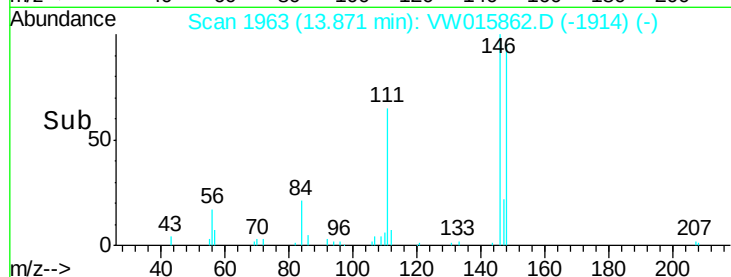
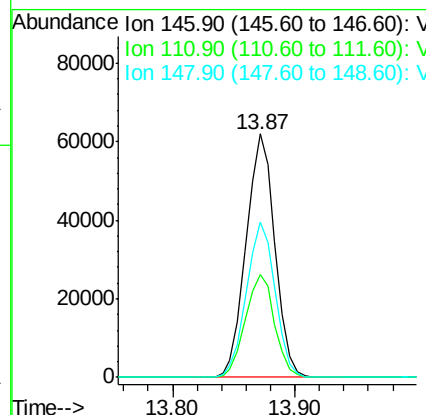
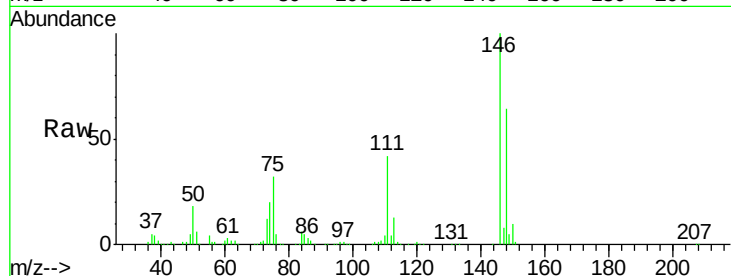




#91
 1,2-Dichlorobenzene
 Concen: 19.499 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW015862.D
 Acq: 16 Jul 2020 15:07

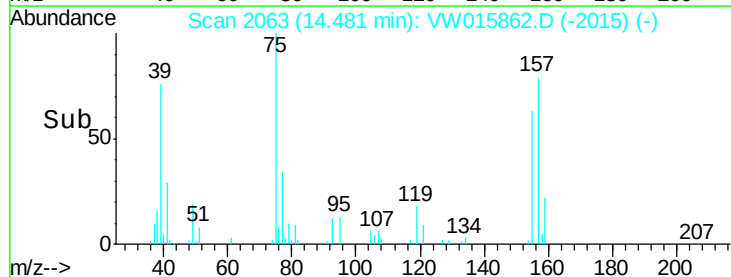
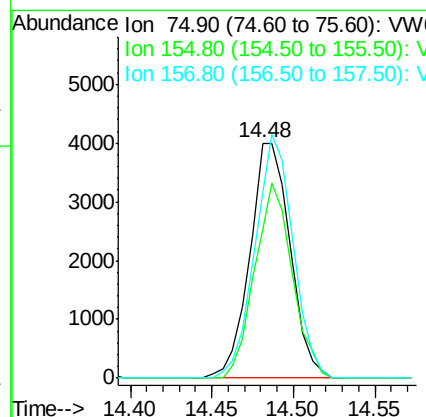
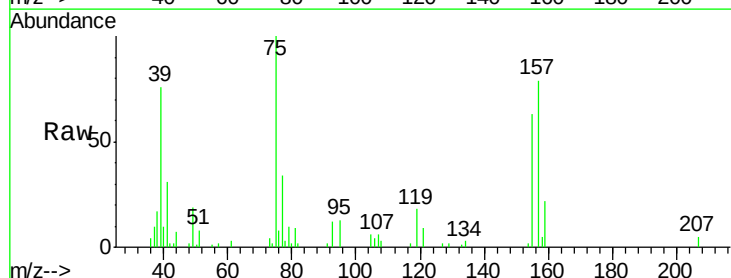
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0716SBSD01

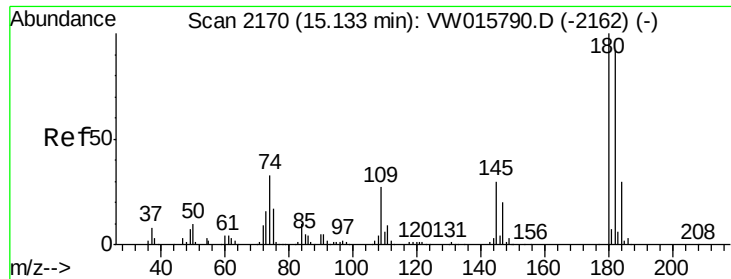
Tgt Ion:146 Resp: 101045
 Ion Ratio Lower Upper
 146 100
 111 42.7 20.6 61.9
 148 63.8 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.513 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: VW015862.D
 Acq: 16 Jul 2020 15:07

Tgt Ion: 75 Resp: 6894
 Ion Ratio Lower Upper
 75 100
 155 76.5 39.1 117.5
 157 96.9 49.1 147.4

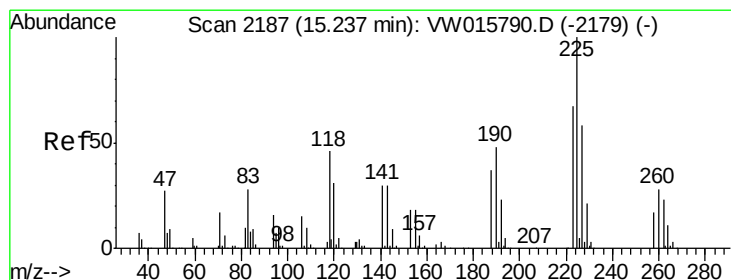
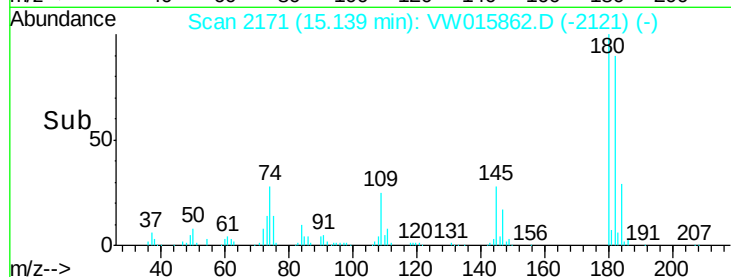
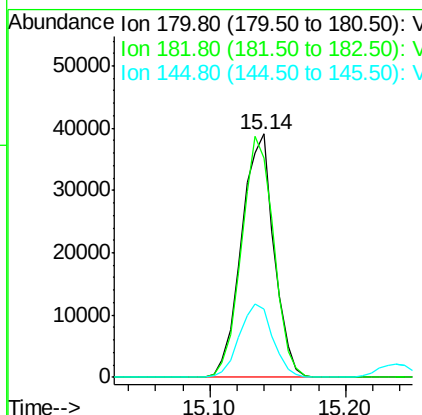
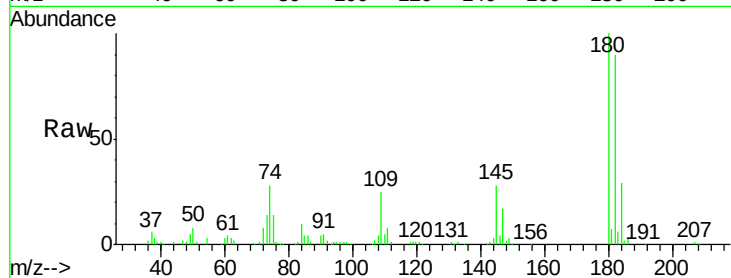




#93
 1,2,4-Trichlorobenzene
 Concen: 19.987 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.01 min
 Lab File: VW015862.D
 Acq: 16 Jul 2020 15:07

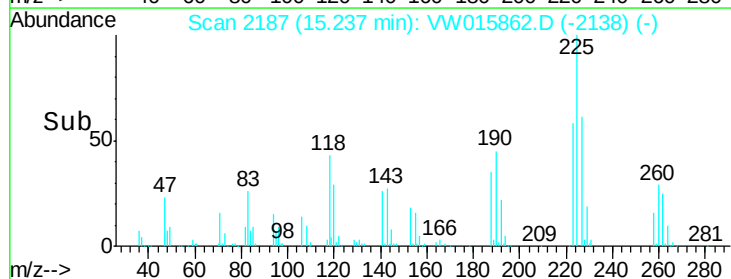
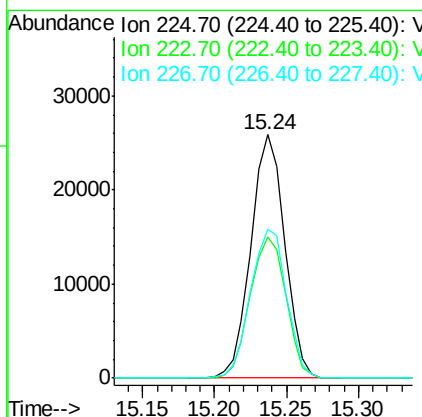
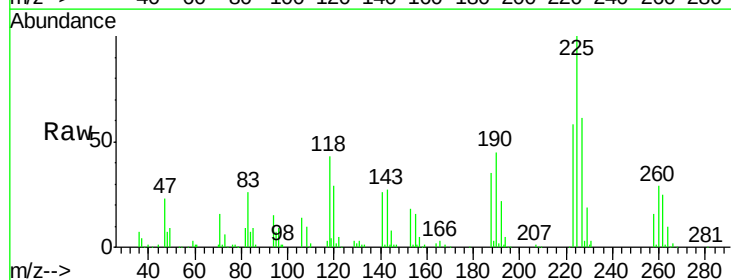
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0716SBSD01

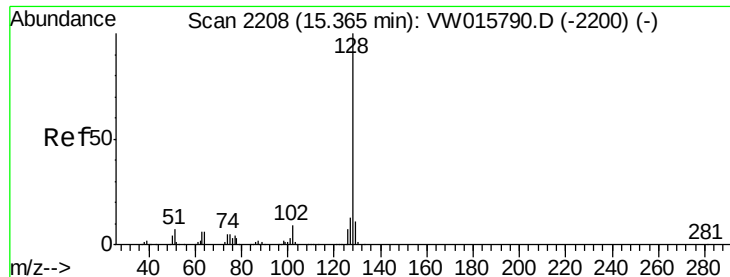
Tgt Ion:180 Resp: 65298
 Ion Ratio Lower Upper
 180 100
 182 98.0 46.8 140.3
 145 30.9 15.4 46.4



#94
 Hexachlorobutadiene
 Concen: 20.223 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW015862.D
 Acq: 16 Jul 2020 15:07

Tgt Ion:225 Resp: 41949
 Ion Ratio Lower Upper
 225 100
 223 61.4 32.4 97.2
 227 65.1 30.7 92.1

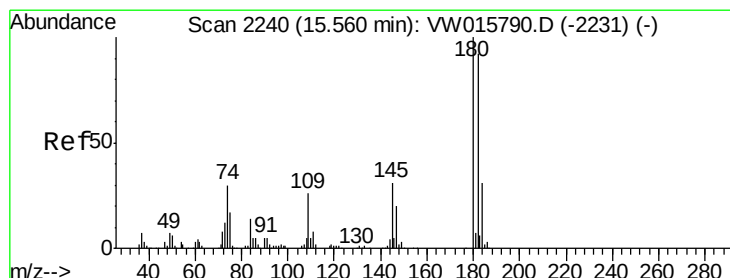
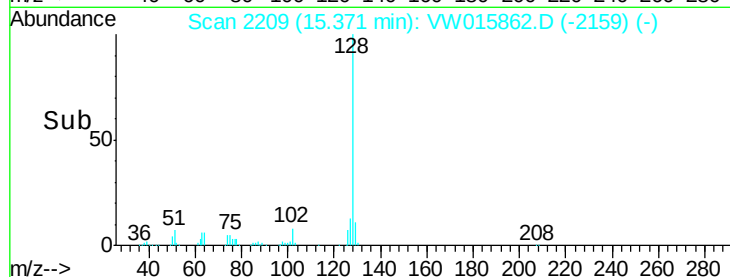
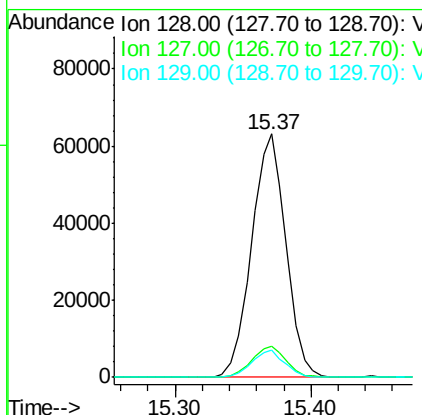
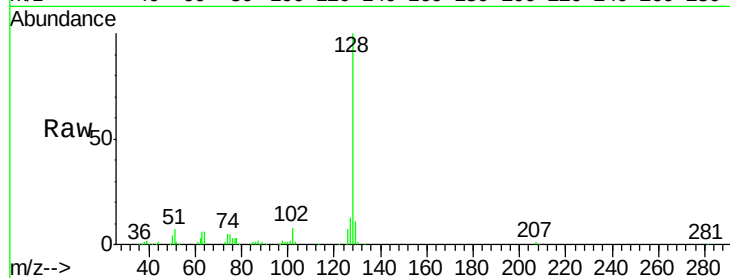




#95
Naphthalene
Concen: 20.072 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.01 min
Lab File: VW015862.D
Acq: 16 Jul 2020 15:07

Instrument :
MSVOA_W
ClientSampleId :
VW0716SBSD01

Tgt Ion:128 Resp: 111607
Ion Ratio Lower Upper
128 100
127 12.9 10.6 16.0
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 21.016 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW015862.D
Acq: 16 Jul 2020 15:07

Tgt Ion:180 Resp: 58424
Ion Ratio Lower Upper
180 100
182 94.9 47.7 143.1
145 31.6 16.7 50.0

