

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062420\
 Data File : VW015674.D
 Acq On : 24 Jun 2020 11:28
 Operator : SY/VA
 Sample : VW0624SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBS01

Quant Time: Jun 25 02:01:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 23 13:20:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	210481	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	325816	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	302051	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	154422	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	105597	45.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.18%	
35) Dibromofluoromethane	7.88	113	93304	45.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.06%	
50) Toluene-d8	10.32	98	375137	46.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.02%	
62) 4-Bromofluorobenzene	12.62	95	138058	46.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.96%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	25349	20.198	ug/l	97
3) Chloromethane	2.21	50	28593	19.402	ug/l	97
4) Vinyl Chloride	2.37	62	44902	18.847	ug/l	99
5) Bromomethane	2.78	94	34944	19.956	ug/l	100
6) Chloroethane	2.92	64	30286	19.317	ug/l	98
7) Trichlorofluoromethane	3.26	101	31448	17.580	ug/l	94
8) Diethyl Ether	3.68	74	18940	18.333	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	40050	18.994	ug/l	98
10) Methyl Iodide	4.28	142	53207	17.846	ug/l	100
11) Tert butyl alcohol	5.19	59	11787	66.368	ug/l #	88
12) 1,1-Dichloroethene	4.04	96	37464	18.247	ug/l	97
13) Acrolein	3.89	56	14475	88.976	ug/l	100
14) Allyl chloride	4.67	41	59354	17.818	ug/l	99
15) Acrylonitrile	5.37	53	37271	87.439	ug/l	99
16) Acetone	4.13	43	37979	85.308	ug/l	99
17) Carbon Disulfide	4.38	76	102467	17.340	ug/l	99
18) Methyl Acetate	4.68	43	18200	16.670	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	55897	18.090	ug/l	99
20) Methylene Chloride	4.92	84	51530	21.126	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	42107	17.888	ug/l	96
22) Diisopropyl ether	6.31	45	120939	18.255	ug/l	96
23) Vinyl Acetate	6.26	43	339602	87.900	ug/l	99
24) 1,1-Dichloroethane	6.21	63	76129	18.255	ug/l	99
25) 2-Butanone	7.18	43	51788	86.069	ug/l	98
26) 2,2-Dichloropropane	7.17	77	50817	18.168	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	46748	18.461	ug/l	99
28) Bromochloromethane	7.51	49	30099	18.763	ug/l	97
29) Tetrahydrofuran	7.54	42	30040	84.958	ug/l	99
30) Chloroform	7.68	83	78216	18.288	ug/l	99
31) Cyclohexane	7.96	56	72964	18.087	ug/l #	96
32) 1,1,1-Trichloroethane	7.87	97	67434	18.497	ug/l	98
36) 1,1-Dichloropropene	8.08	75	64035	18.896	ug/l	99
37) Ethyl Acetate	7.26	43	23519	18.176	ug/l	98
38) Carbon Tetrachloride	8.07	117	61280	18.655	ug/l	97

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Quant Time: Jun 25 02:01:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 23 13:20:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	75200	18.321	ug/l	99
40) Benzene	8.32	78	172391	18.709	ug/l	98
41) Methacrylonitrile	7.49	41	13680	18.422	ug/l	93
42) 1,2-Dichloroethane	8.40	62	54199	19.013	ug/l	100
43) Isopropyl Acetate	8.43	43	46826	18.135	ug/l	99
44) Trichloroethene	9.09	130	45881	18.473	ug/l	95
45) 1,2-Dichloropropane	9.37	63	42125	18.703	ug/l	98
46) Dibromomethane	9.46	93	21540	18.484	ug/l	99
47) Bromodichloromethane	9.65	83	56645	18.635	ug/l	97
48) Methyl methacrylate	9.44	41	20723	17.554	ug/l	99
49) 1,4-Dioxane	9.46	88	5232	342.248	ug/l #	74
51) 4-Methyl-2-Pentanone	10.21	43	110229	88.521	ug/l	99
52) Toluene	10.39	92	111490	18.738	ug/l	97
53) t-1,3-Dichloropropene	10.61	75	52181	17.770	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	63772	18.179	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	30491	18.819	ug/l	98
56) Ethyl methacrylate	10.65	69	35529	17.624	ug/l	96
57) 1,3-Dichloropropane	10.93	76	54126	18.843	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	93595	98.107	ug/l	100
59) 2-Hexanone	10.97	43	74506	87.887	ug/l	100
60) Dibromochloromethane	11.13	129	33990	18.002	ug/l	99
61) 1,2-Dibromoethane	11.24	107	28271	18.254	ug/l	99
64) Tetrachloroethene	10.87	164	39459	18.595	ug/l	98
65) Chlorobenzene	11.66	112	117993	18.528	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	41167	18.436	ug/l	100
67) Ethyl Benzene	11.73	91	218558	18.441	ug/l	98
68) m/p-Xylenes	11.84	106	166235	37.353	ug/l	100
69) o-Xylene	12.17	106	74863	18.295	ug/l	99
70) Styrene	12.18	104	128405	18.366	ug/l	98
71) Bromoform	12.35	173	17112	16.656	ug/l #	97
73) Isopropylbenzene	12.47	105	211725	17.973	ug/l	99
74) N-amyl acetate	12.27	43	42553	17.040	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	33384	17.715	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	43825	31.113	ug/l	32
77) Bromobenzene	12.75	156	48454	18.447	ug/l	99
78) n-propylbenzene	12.80	91	262155	18.489	ug/l	100
79) 2-Chlorotoluene	12.90	91	145825	18.265	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	182097	18.243	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	9207	16.472	ug/l	94
82) 4-Chlorotoluene	12.99	91	153846	18.214	ug/l	100
83) tert-Butylbenzene	13.21	119	154140	18.277	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	181962	18.280	ug/l	100
85) sec-Butylbenzene	13.38	105	222626	18.470	ug/l	100
86) p-Isopropyltoluene	13.50	119	205949	18.806	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	96190	18.447	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	93240	18.055	ug/l	98
89) n-Butylbenzene	13.82	91	196143	18.658	ug/l	99
90) Hexachloroethane	14.10	117	34683	17.796	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	82895	18.386	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	5267	17.454	ug/l	93

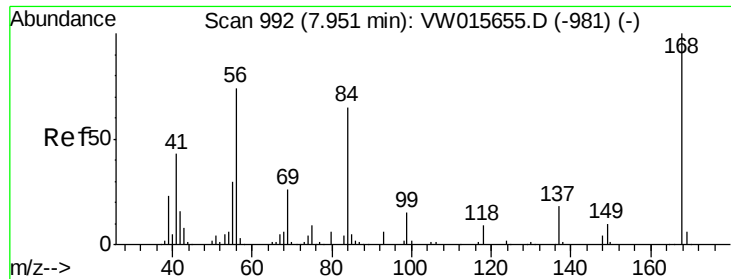
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW062420\
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Operator : SY/VA
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Quant Time: Jun 25 02:01:50 2020
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Quant Title : SW846 8260
QLast Update : Tue Jun 23 13:20:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	53466	17.958	ug/l	100
94) Hexachlorobutadiene	15.24	225	34613	18.249	ug/l	98
95) Naphthalene	15.37	128	82123	16.677	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	45610	17.793	ug/l	95

(#) = 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: VW015674.D

Acq: 24 Jun 2020 11:28

Instrument :

MSVOA_W

ClientSampleId :

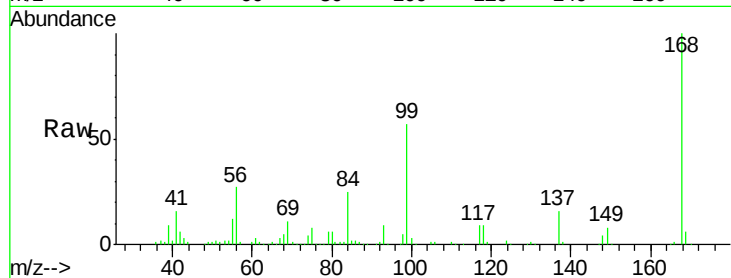
VW0624SBS01

Tgt Ion:168 Resp: 210481

Ion Ratio Lower Upper

168 100

99 56.8 48.6 73.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

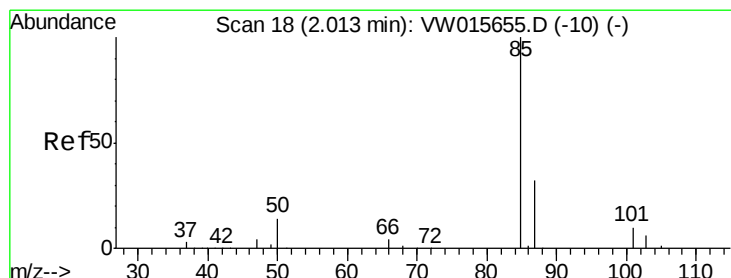
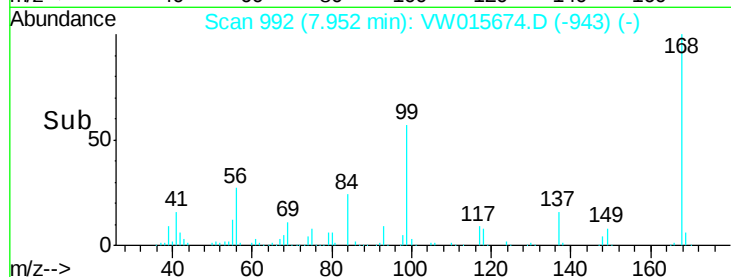
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 20.198 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW015674.D

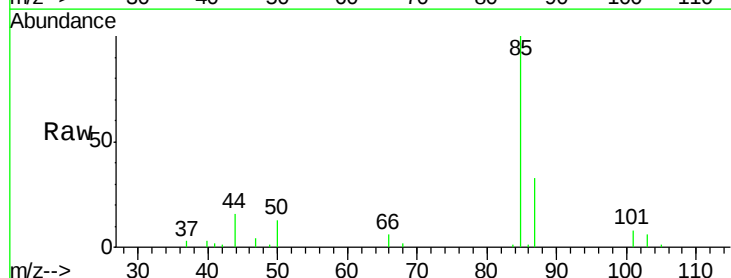
Acq: 24 Jun 2020 11:28

Tgt Ion: 85 Resp: 25349

Ion Ratio Lower Upper

85 100

87 33.4 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

8000

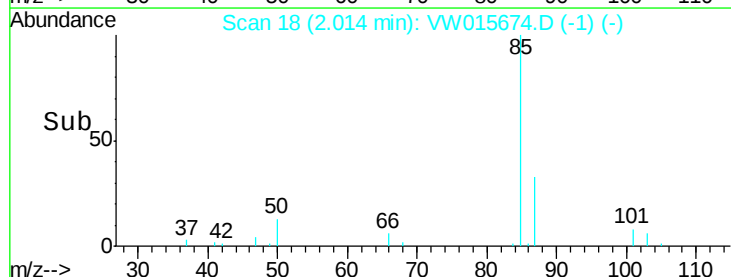
6000

4000

2000

0

Time-->





#3

Chloromethane

Concen: 19.402 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW015674.D

Acq: 24 Jun 2020 11:28

Instrument :

MSVOA_W

ClientSampleId :

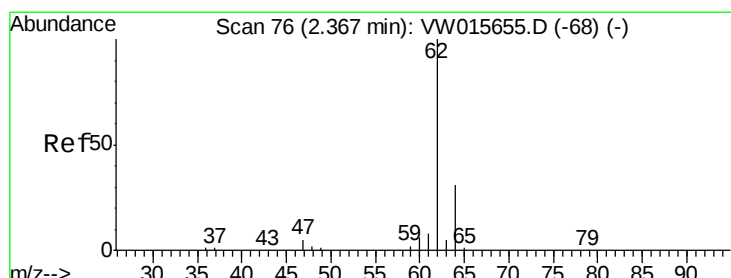
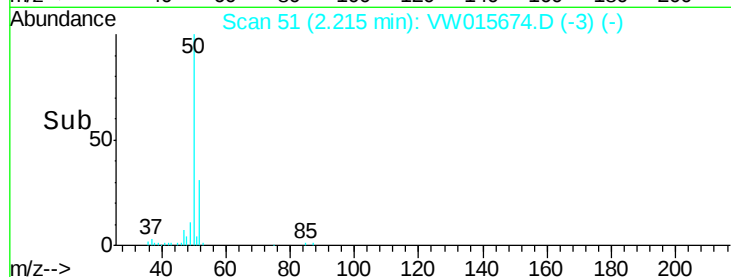
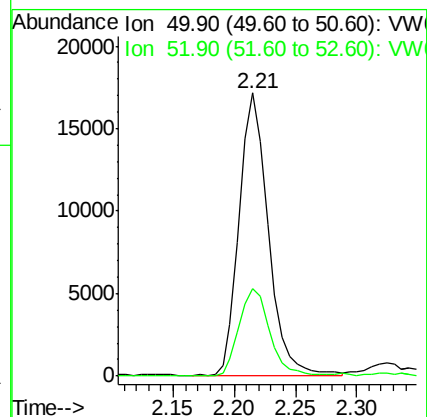
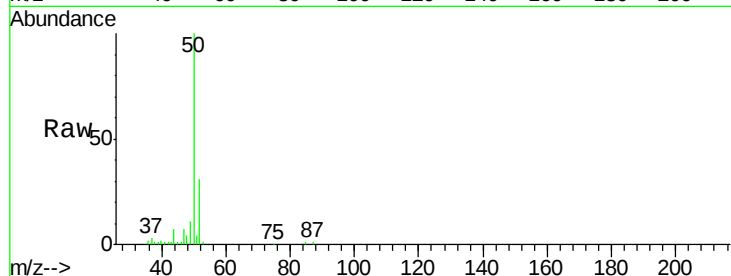
VW0624SBS01

Tgt Ion: 50 Resp: 28593

Ion Ratio Lower Upper

50 100

52 30.7 26.0 39.0



#4

Vinyl Chloride

Concen: 18.847 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW015674.D

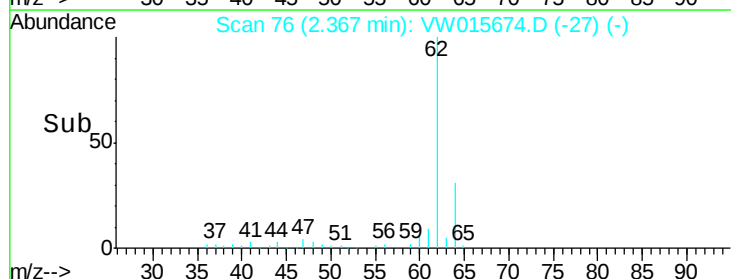
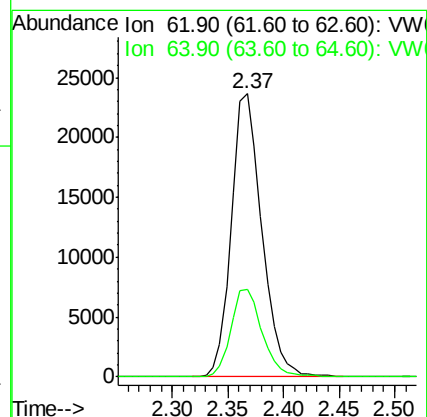
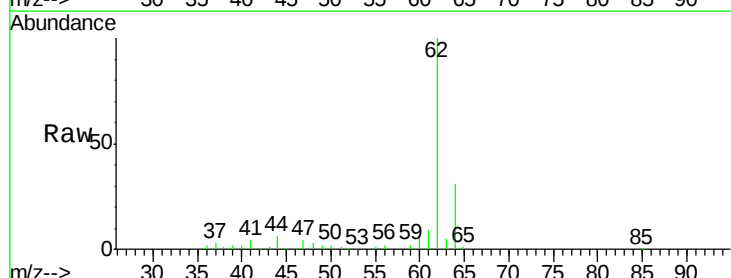
Acq: 24 Jun 2020 11:28

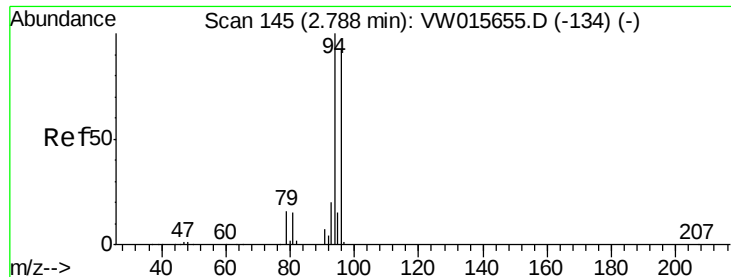
Tgt Ion: 62 Resp: 44902

Ion Ratio Lower Upper

62 100

64 31.1 25.1 37.7





#5

Bromomethane

Concen: 19.956 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW015674.D

Acq: 24 Jun 2020 11:28

Instrument :

MSVOA_W

ClientSampleId :

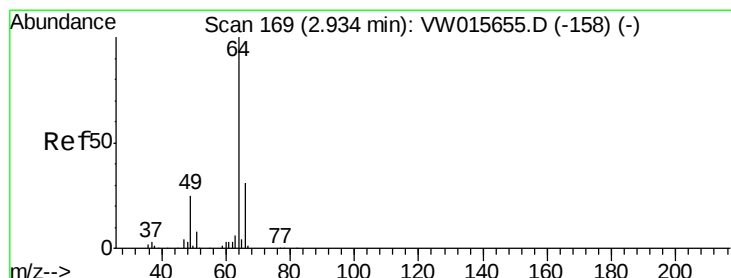
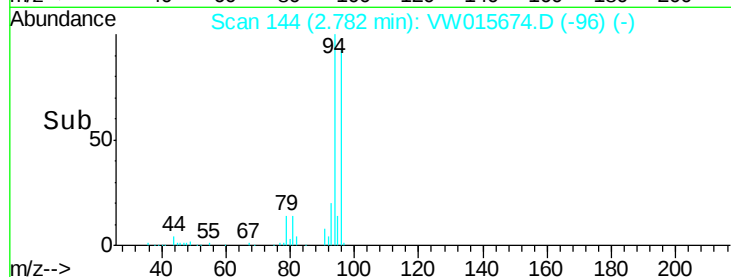
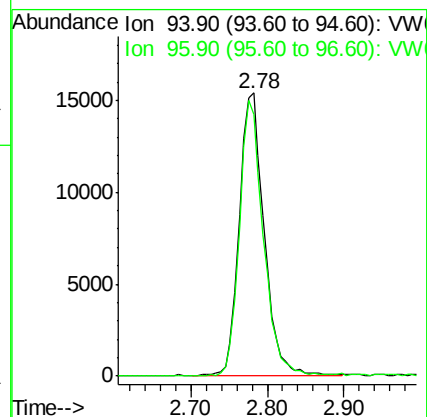
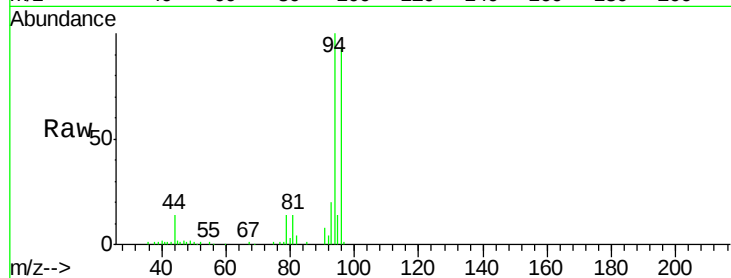
VW0624SBS01

Tgt Ion: 94 Resp: 34944

Ion Ratio Lower Upper

94 100

96 92.6 73.8 110.6



#6

Chloroethane

Concen: 19.317 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW015674.D

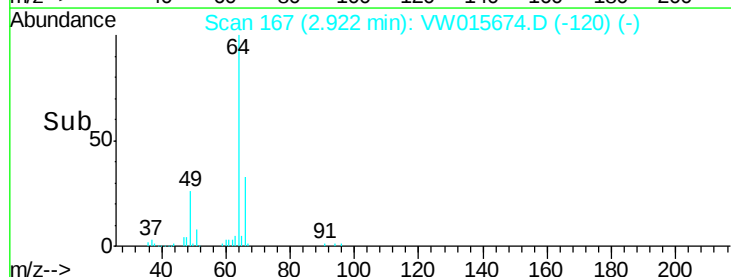
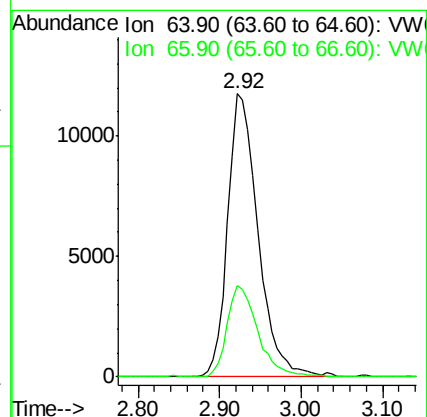
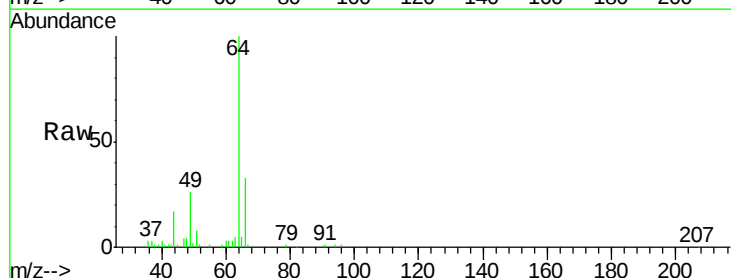
Acq: 24 Jun 2020 11:28

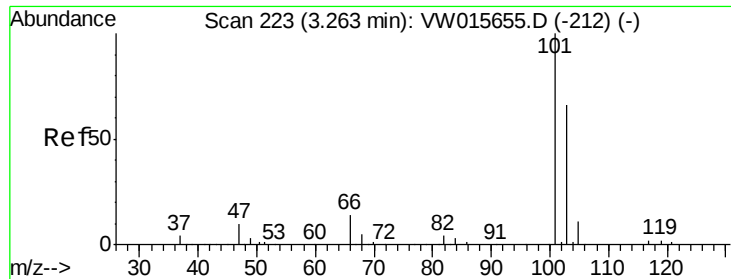
Tgt Ion: 64 Resp: 30286

Ion Ratio Lower Upper

64 100

66 32.5 25.3 37.9



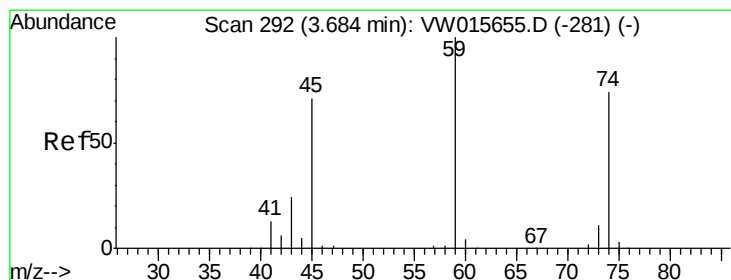
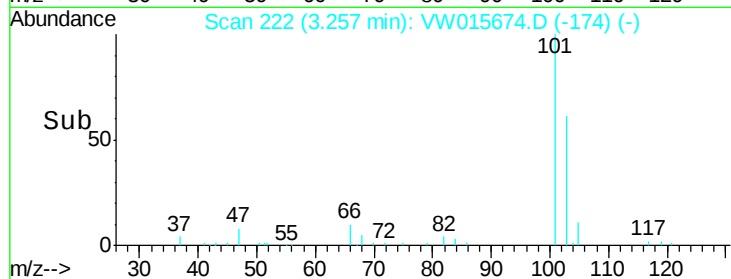
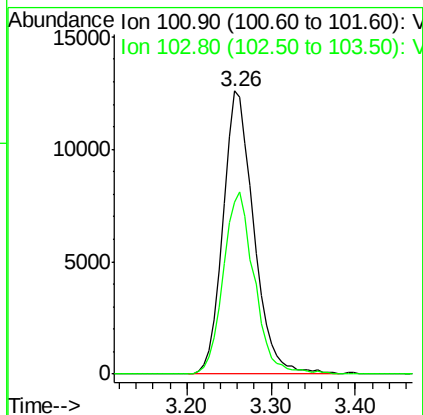
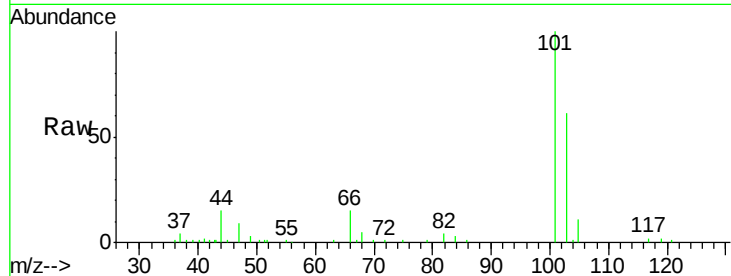


#7

Trichlorofluoromethane
 Concen: 17.580 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW015674.D
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Instrument :
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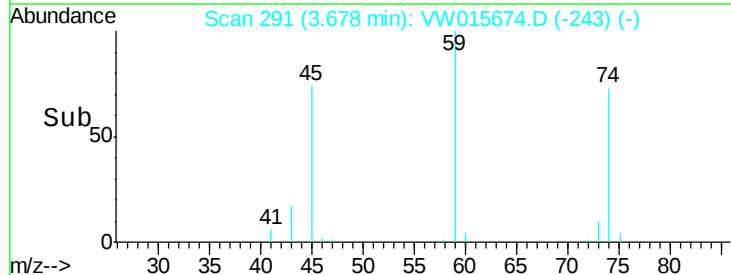
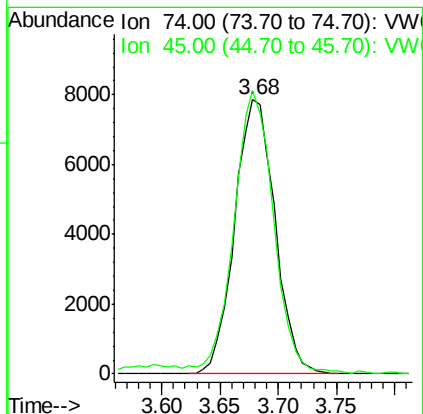
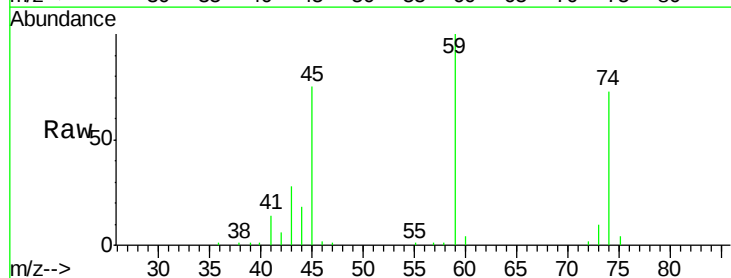
Tgt Ion: 101 Resp: 31448
 Ion Ratio Lower Upper
 101 100
 103 60.6 52.6 78.8

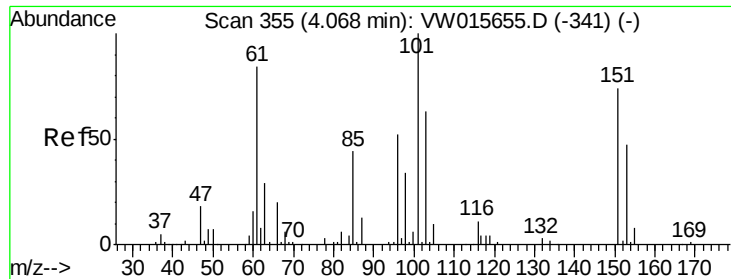


#8

Diethyl Ether
 Concen: 18.333 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW015674.D
 Acq: 24 Jun 2020 11:28

Tgt Ion: 74 Resp: 18940
 Ion Ratio Lower Upper
 74 100
 45 101.2 48.2 144.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.994 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW015674.D

Acq: 24 Jun 2020 11:28

Instrument :

MSVOA_W

ClientSampleId :

VW0624SBS01

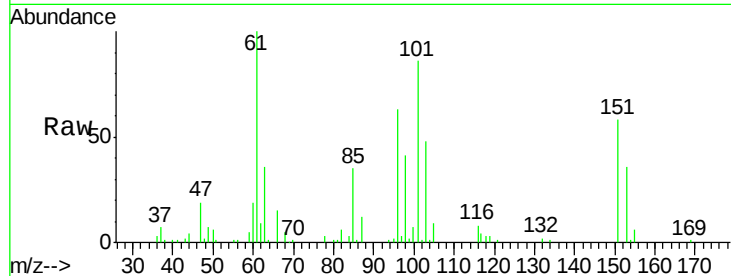
Tgt Ion:101 Resp: 40050

Ion Ratio Lower Upper

101 100

85 45.3 36.6 55.0

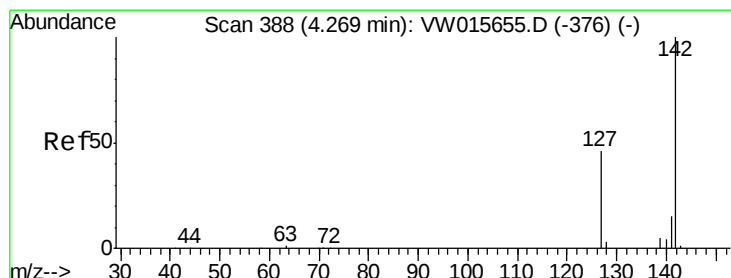
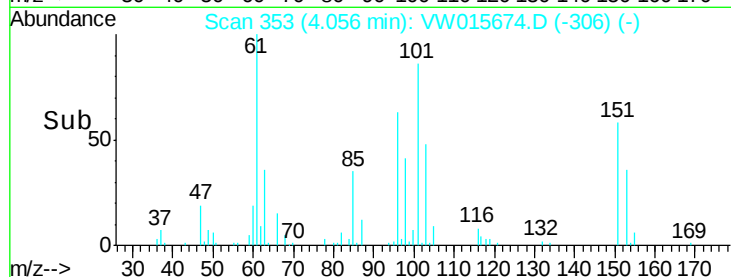
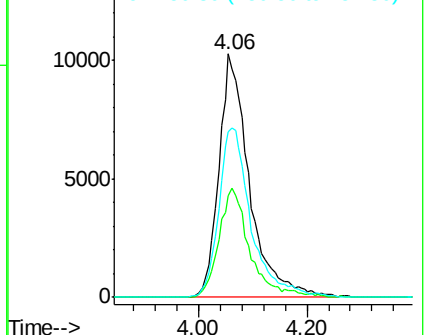
151 73.3 60.4 90.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.846 ug/l

RT: 4.28 min Scan# 389

Delta R.T. 0.01 min

Lab File: VW015674.D

Acq: 24 Jun 2020 11:28

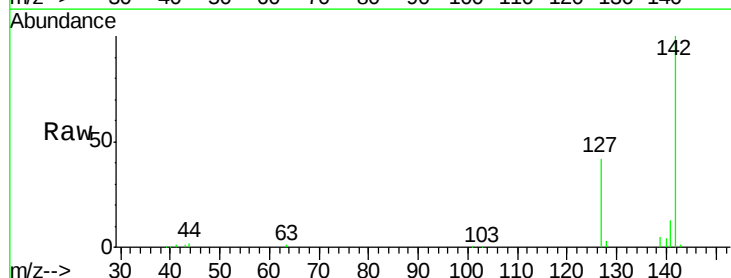
Tgt Ion:142 Resp: 53207

Ion Ratio Lower Upper

142 100

127 45.8 36.4 54.6

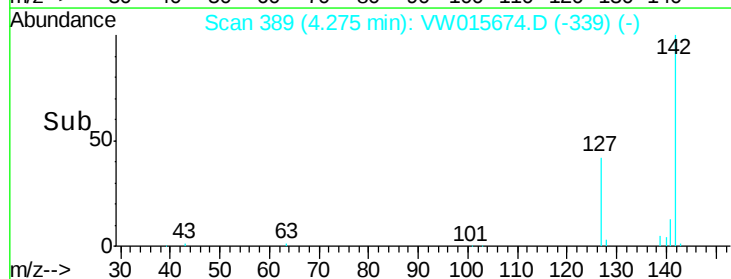
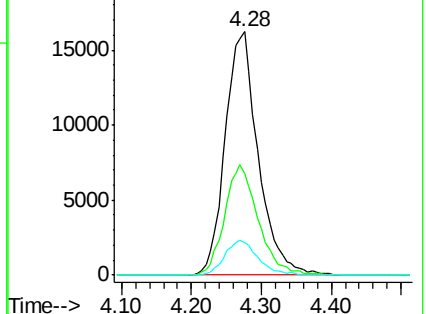
141 14.3 11.6 17.4

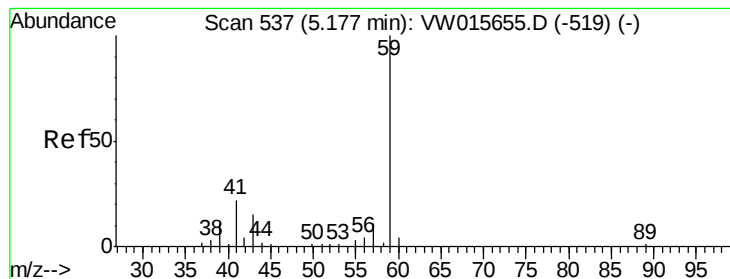


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



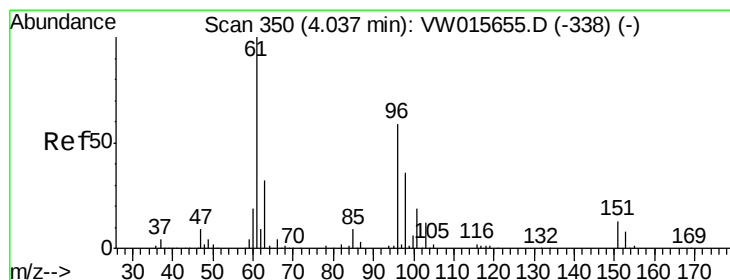
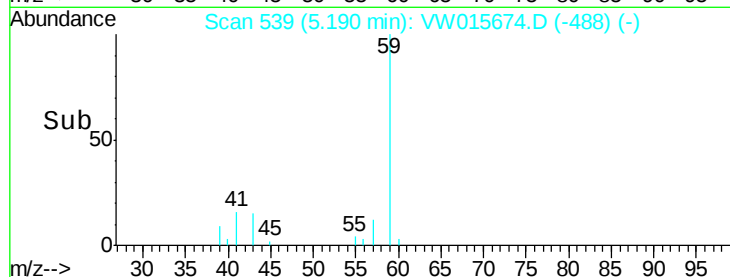
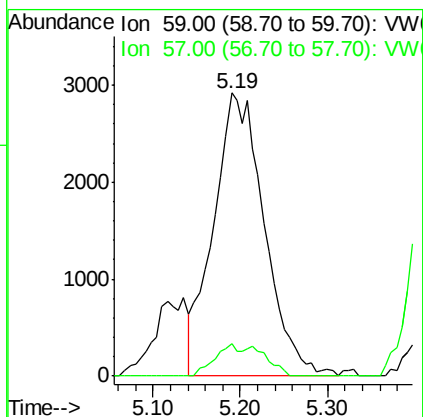
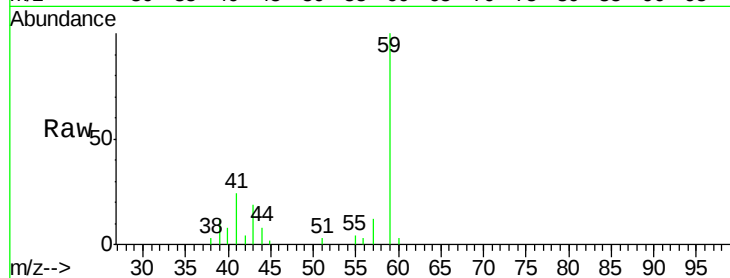


#11

Tert butyl alcohol
 Concen: 66.368 ug/l
 RT: 5.19 min Scan# 539
 Delta R.T. 0.01 min
 Lab File: VW015674.D
 Acq: 24 Jun 2020 11:28

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBS01

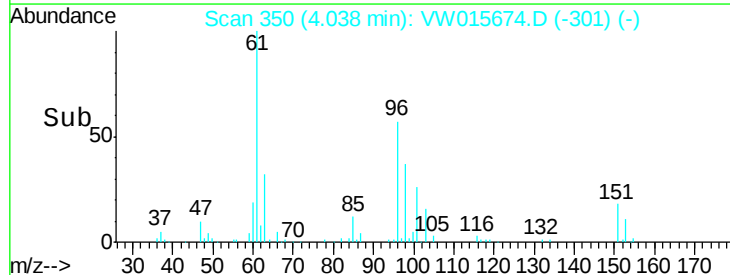
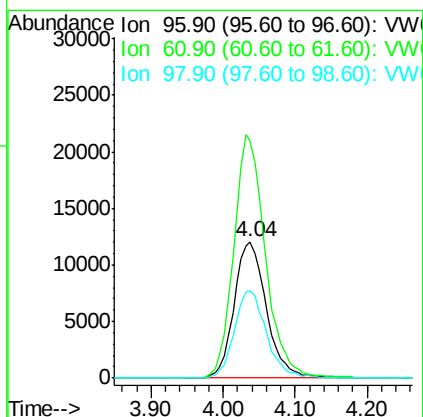
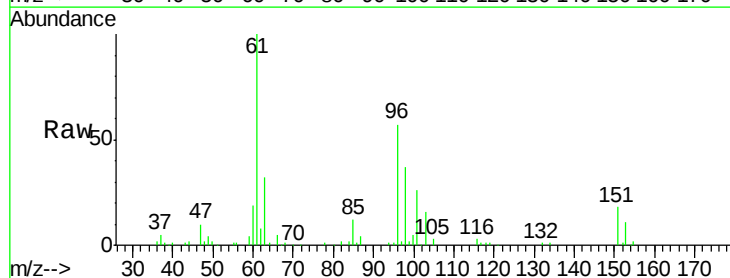
Tgt Ion: 59 Resp: 11787
 Ion Ratio Lower Upper
 59 100
 57 5.9 8.4 12.6#

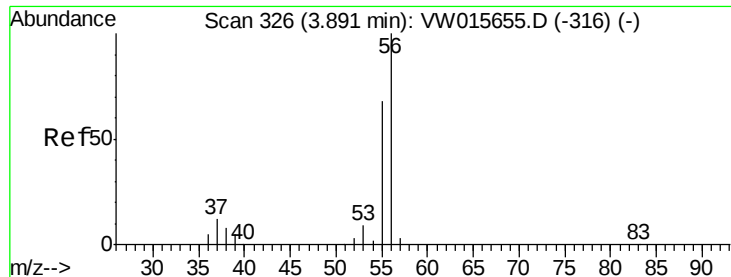


#12

1,1-Dichloroethene
 Concen: 18.247 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW015674.D
 Acq: 24 Jun 2020 11:28

Tgt Ion: 96 Resp: 37464
 Ion Ratio Lower Upper
 96 100
 61 174.0 136.7 205.1
 98 64.3 49.2 73.8

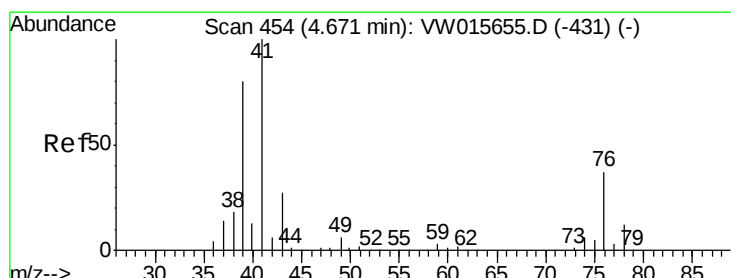
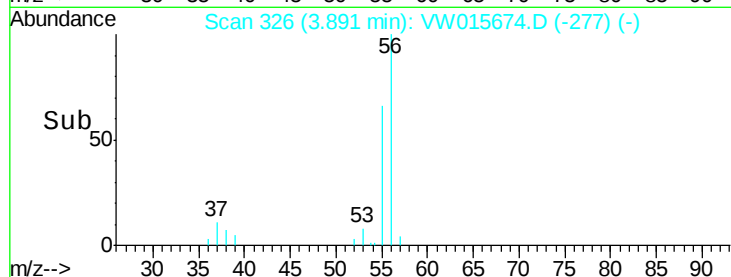
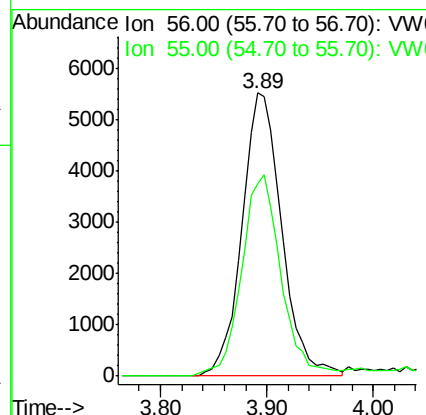
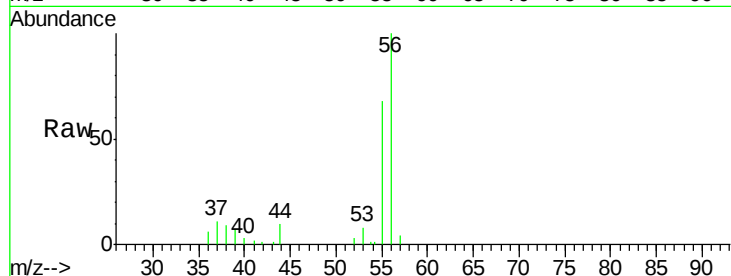




#13
Acrolein
Concen: 88.976 ug/l
RT: 3.89 min Scan# 326
Delta R.T. 0.00 min
Lab File: VW015674.D
Acq: 24 Jun 2020 11:28

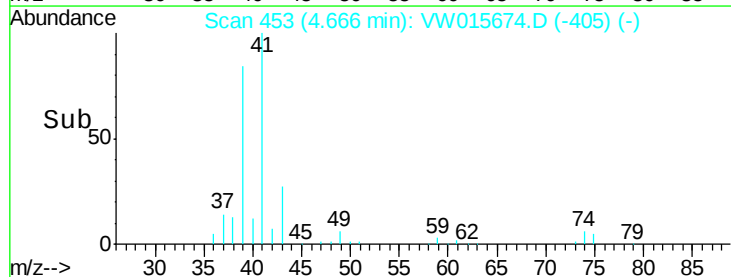
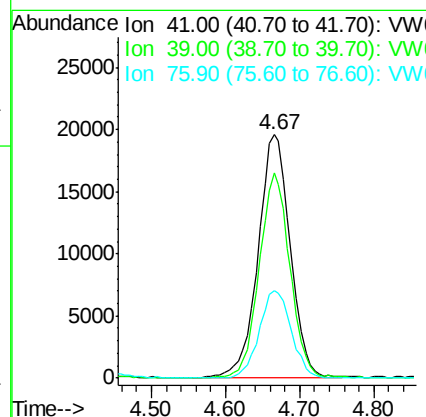
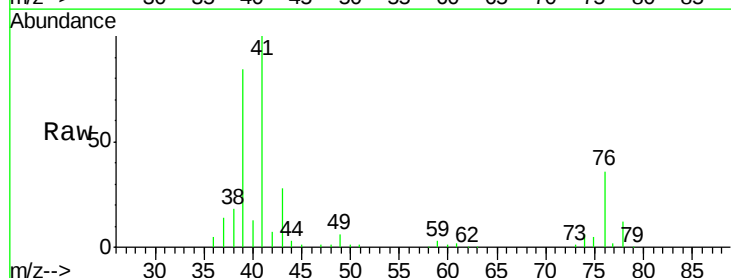
Instrument :
MSVOA_W
ClientSampleId :
VW0624SBS01

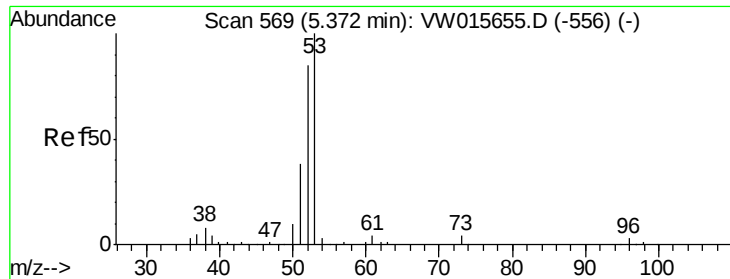
Tgt Ion: 56 Resp: 14475
Ion Ratio Lower Upper
56 100
55 70.6 56.2 84.2



#14
Allyl chloride
Concen: 17.818 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.01 min
Lab File: VW015674.D
Acq: 24 Jun 2020 11:28

Tgt Ion: 41 Resp: 59354
Ion Ratio Lower Upper
41 100
39 80.7 64.6 97.0
76 35.5 29.1 43.7

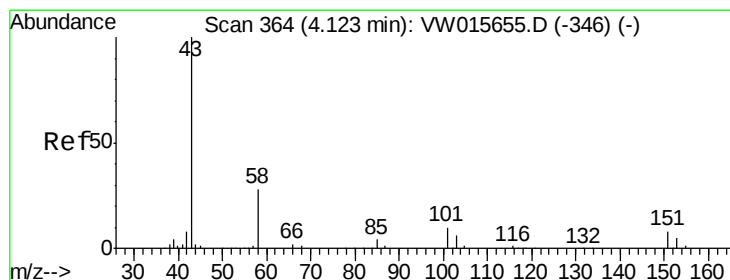
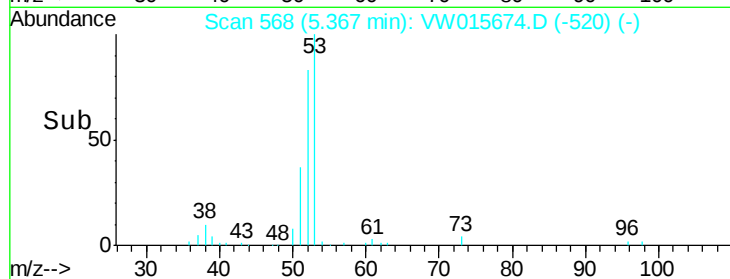
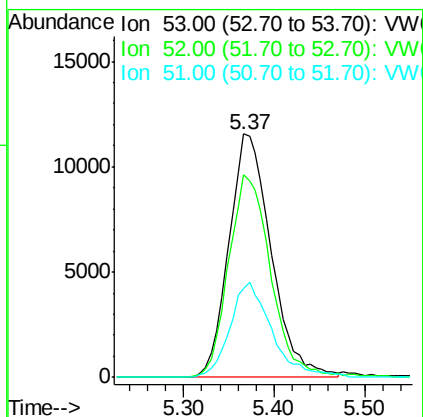
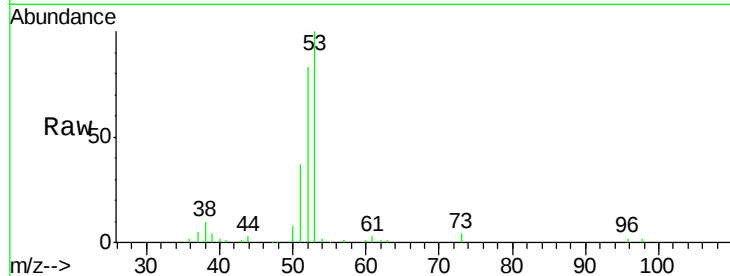




#15
 Acrylonitrile
 Concen: 87.439 ug/l
 RT: 5.37 min Scan# 568
 Delta R.T. -0.01 min
 Lab File: VW015674.D
 Acq: 24 Jun 2020 11:28

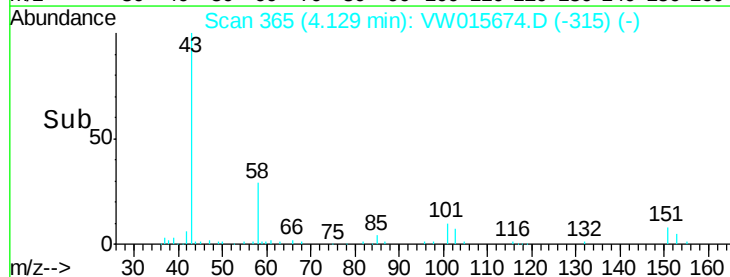
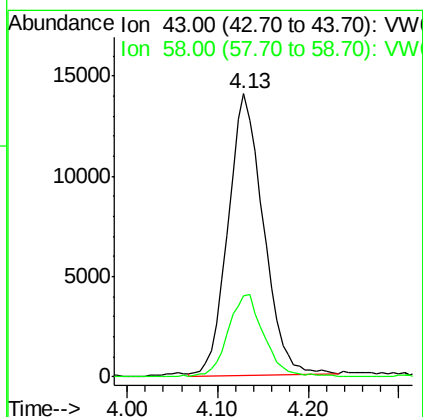
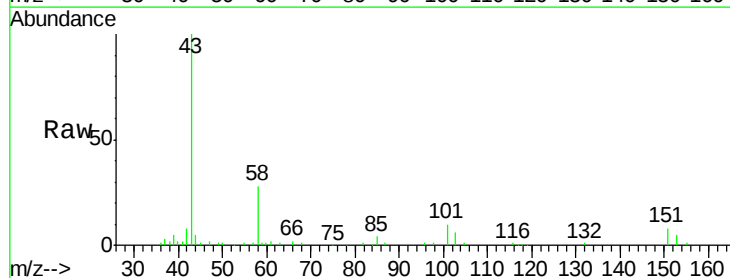
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBS01

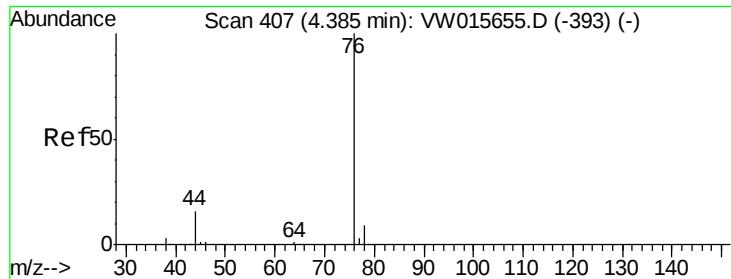
Tgt Ion:	53	Resp:	37271
Ion	Ratio	Lower	Upper
53	100		
52	83.4	65.8	98.6
51	38.7	30.7	46.1



#16
 Acetone
 Concen: 85.308 ug/l
 RT: 4.13 min Scan# 365
 Delta R.T. 0.01 min
 Lab File: VW015674.D
 Acq: 24 Jun 2020 11:28

Tgt Ion:	43	Resp:	37979
Ion	Ratio	Lower	Upper
43	100		
58	28.8	22.6	33.8

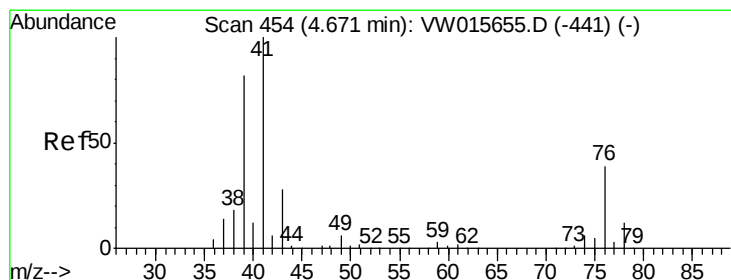
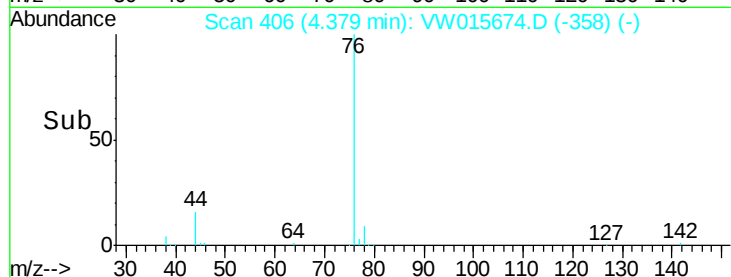
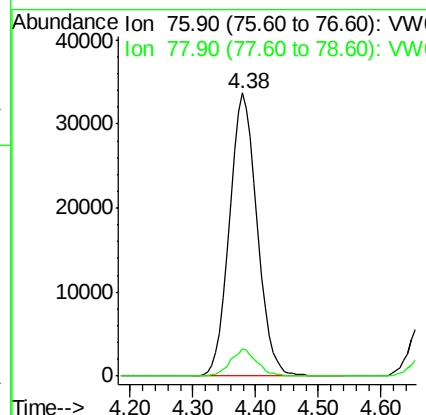
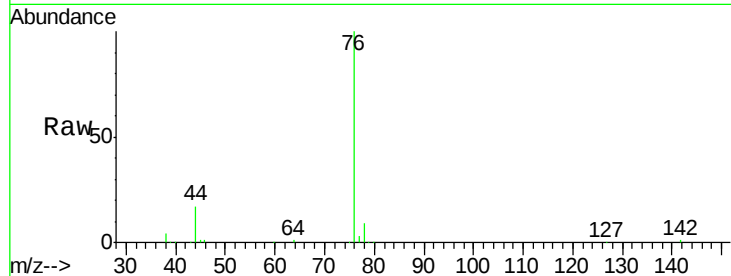




#17
Carbon Disulfide
Concen: 17.340 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW015674.D
Acq: 24 Jun 2020 11:28

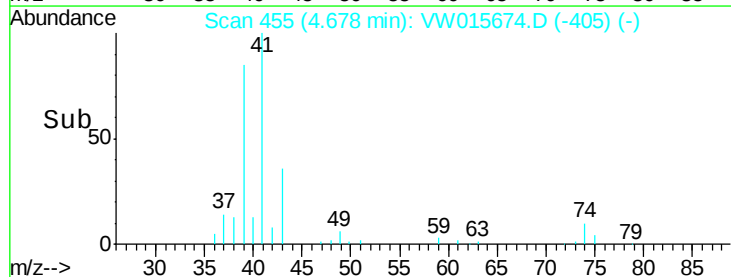
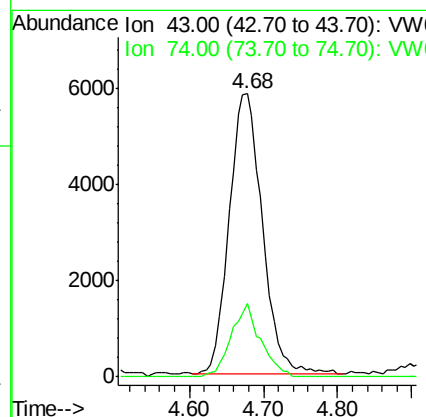
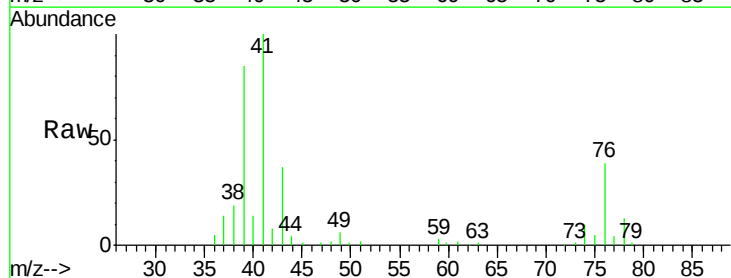
Instrument :
MSVOA_W
ClientSampleId :
VW0624SBS01

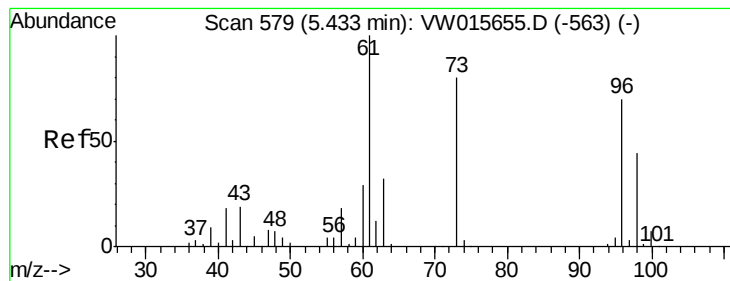
Tgt Ion: 76 Resp: 102467
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8



#18
Methyl Acetate
Concen: 16.670 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW015674.D
Acq: 24 Jun 2020 11:28

Tgt Ion: 43 Resp: 18200
Ion Ratio Lower Upper
43 100
74 23.0 19.0 28.6



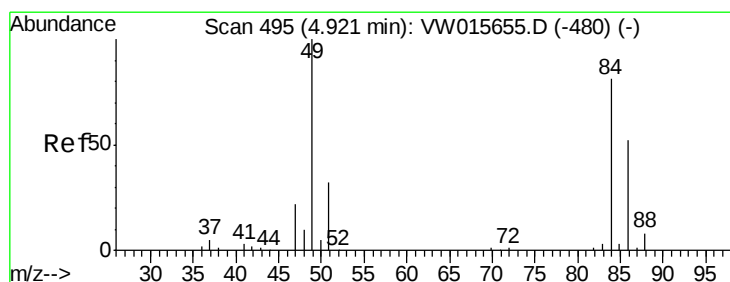
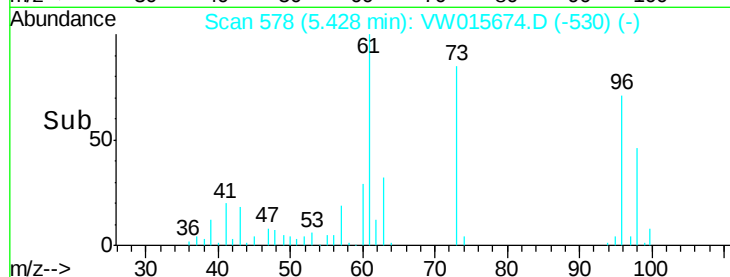
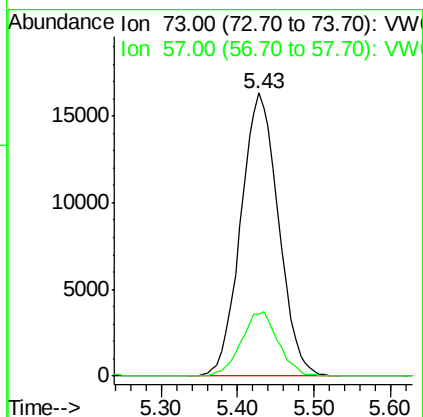
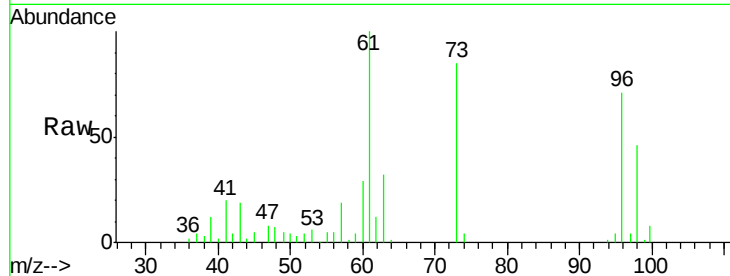


#19

Methyl tert-butyl Ether
 Concen: 18.090 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: VW015674.D
 Acq: 24 Jun 2020 11:28

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBS01

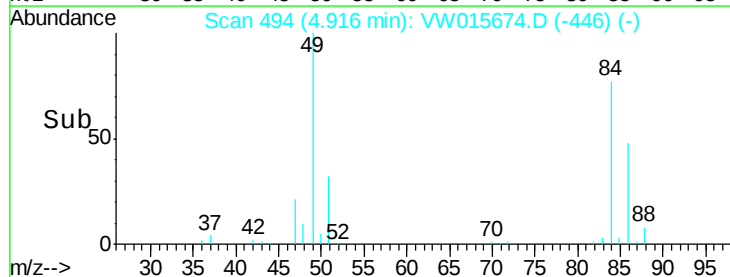
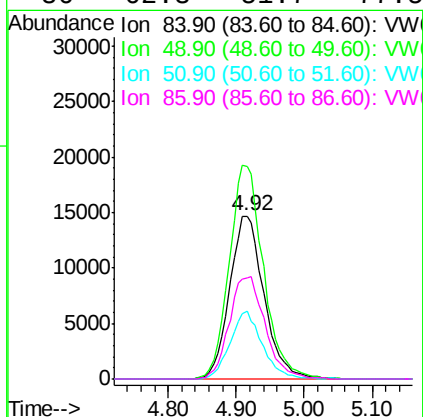
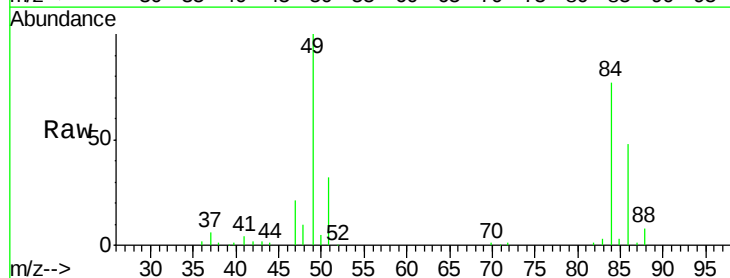
Tgt Ion: 73 Resp: 55897
 Ion Ratio Lower Upper
 73 100
 57 22.1 18.1 27.1

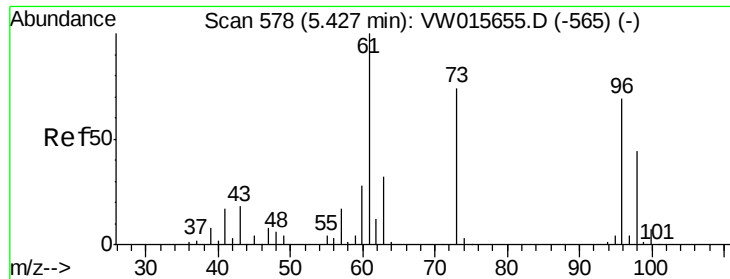


#20

Methylene Chloride
 Concen: 21.126 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. -0.01 min
 Lab File: VW015674.D
 Acq: 24 Jun 2020 11:28

Tgt Ion: 84 Resp: 51530
 Ion Ratio Lower Upper
 84 100
 49 130.5 99.3 148.9
 51 41.3 31.8 47.6
 86 62.3 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 17.888 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.01 min

Lab File: VW015674.D

Acq: 24 Jun 2020 11:28

Instrument :

MSVOA_W

ClientSampled :

VW0624SBS01

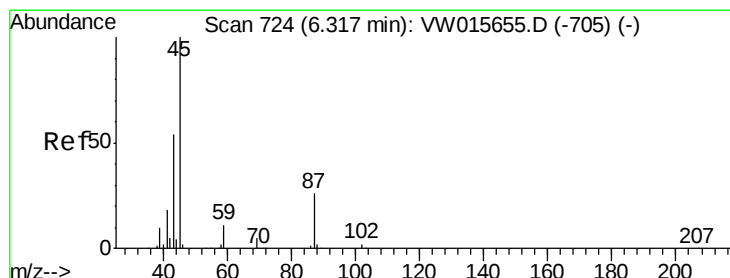
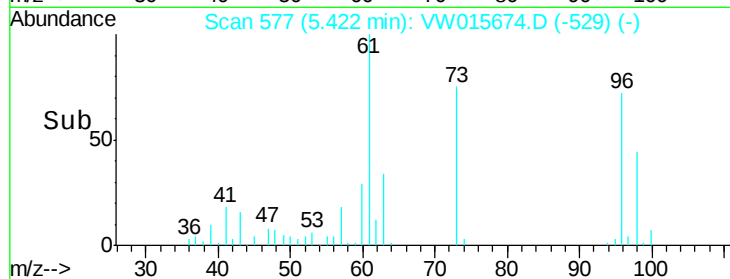
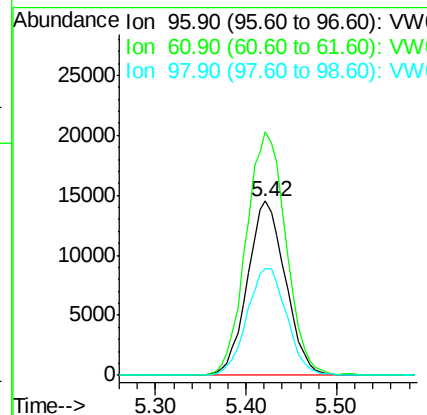
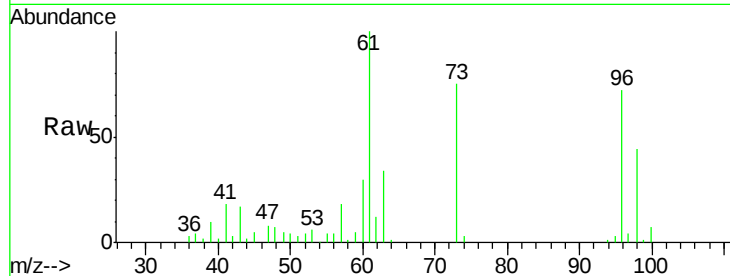
Tgt Ion: 96 Resp: 42107

Ion Ratio Lower Upper

96 100

61 139.7 116.2 174.2

98 61.1 51.4 77.0



#22

Diisopropyl ether

Concen: 18.255 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW015674.D

Acq: 24 Jun 2020 11:28

Tgt Ion: 45 Resp: 120939

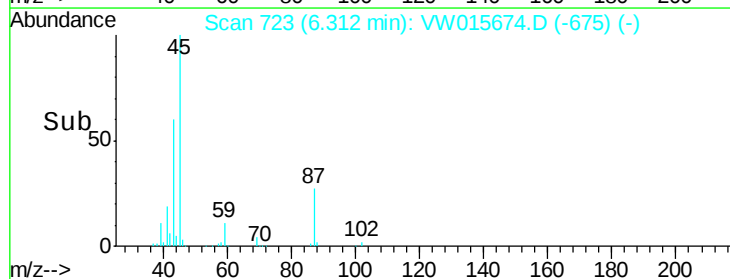
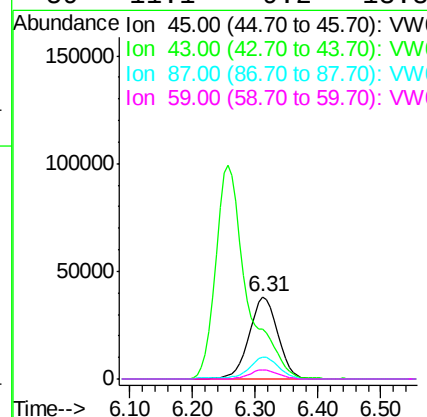
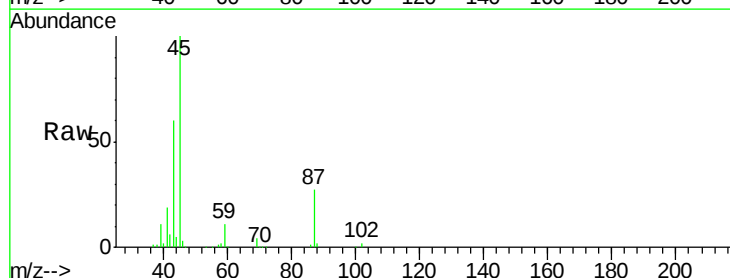
Ion Ratio Lower Upper

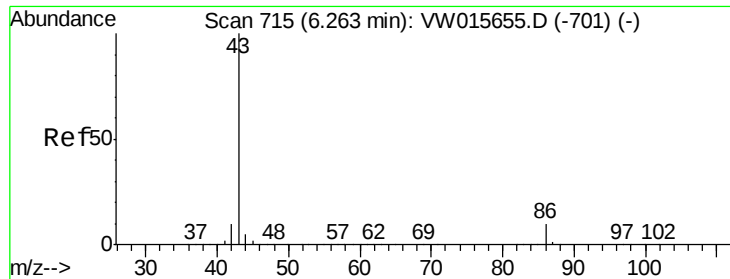
45 100

43 59.5 43.9 65.9

87 27.3 21.2 31.8

59 11.1 9.2 13.8

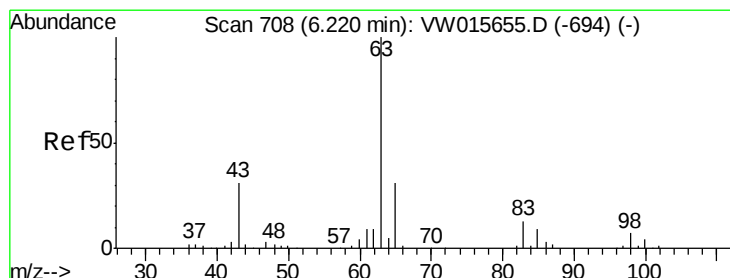
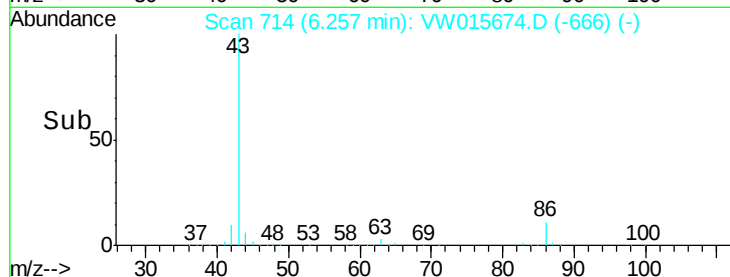
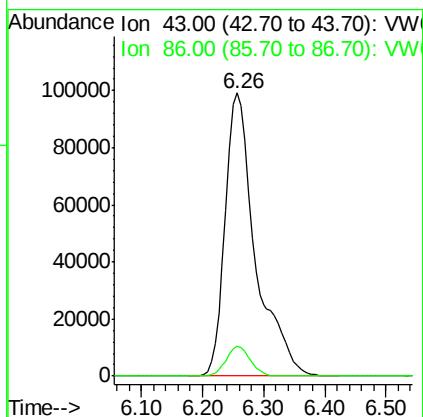
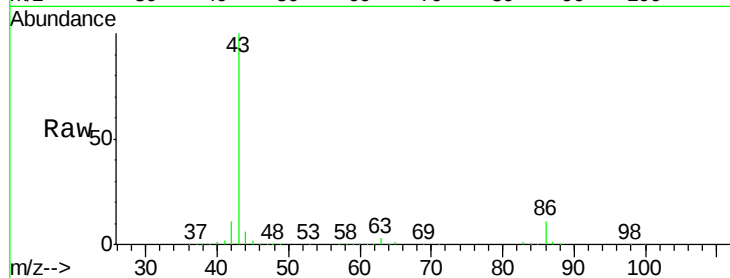




#23
 Vinyl Acetate
 Concen: 87.900 ug/l
 RT: 6.26 min Scan# 714
 Delta R.T. -0.01 min
 Lab File: VW015674.D
 Acq: 24 Jun 2020 11:28

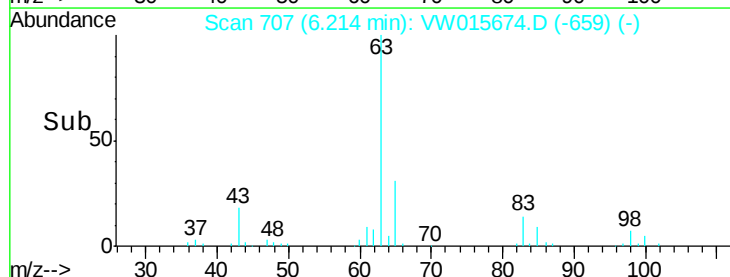
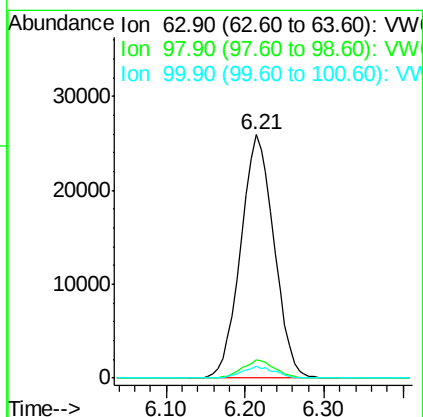
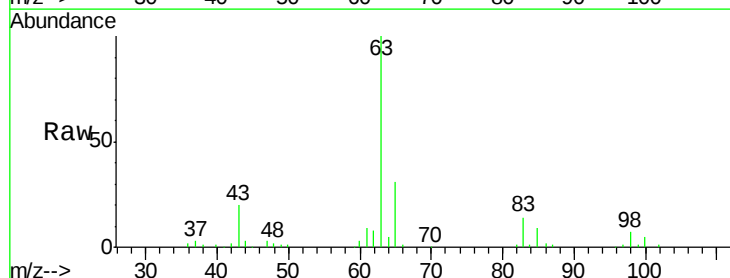
Instrument :
 MSVOA_W
 ClientSampleID :
 VW0624SBS01

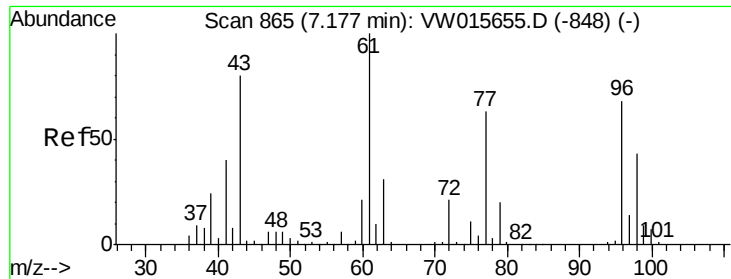
Tgt Ion: 43 Resp: 339602
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.3 12.5



#24
 1,1-Dichloroethane
 Concen: 18.255 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. -0.01 min
 Lab File: VW015674.D
 Acq: 24 Jun 2020 11:28

Tgt Ion: 63 Resp: 76129
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.5 10.5
 100 4.8 2.1 6.3

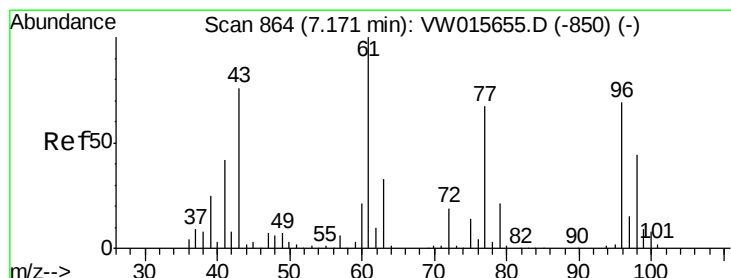
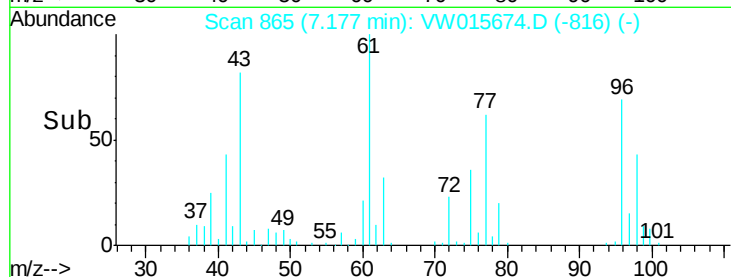
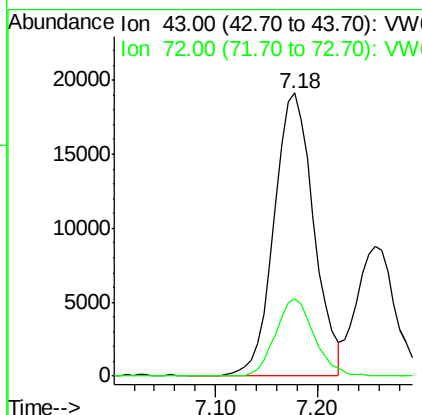
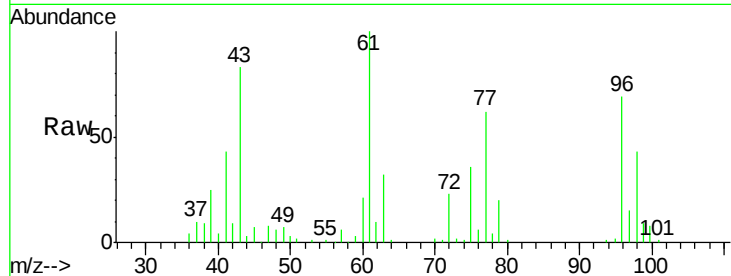




#25
2-Butanone
Concen: 86.069 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.00 min
Lab File: VW015674.D
Acq: 24 Jun 2020 11:28

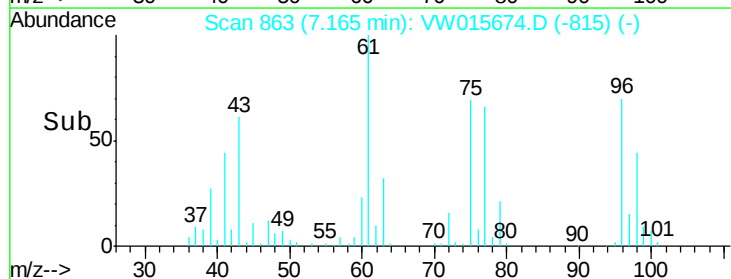
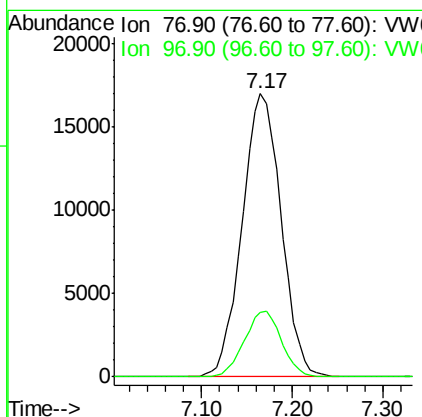
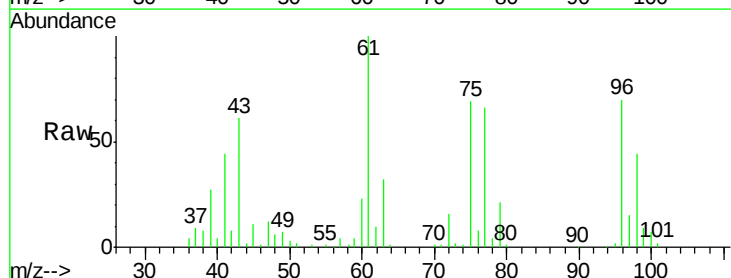
Instrument :
MSVOA_W
ClientSampleId :
VW0624SBS01

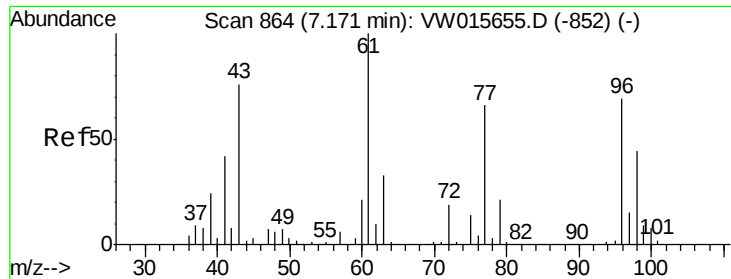
Tgt Ion: 43 Resp: 51788
Ion Ratio Lower Upper
43 100
72 27.2 21.1 31.7



#26
2,2-Dichloropropane
Concen: 18.168 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW015674.D
Acq: 24 Jun 2020 11:28

Tgt Ion: 77 Resp: 50817
Ion Ratio Lower Upper
77 100
97 21.9 11.2 33.5



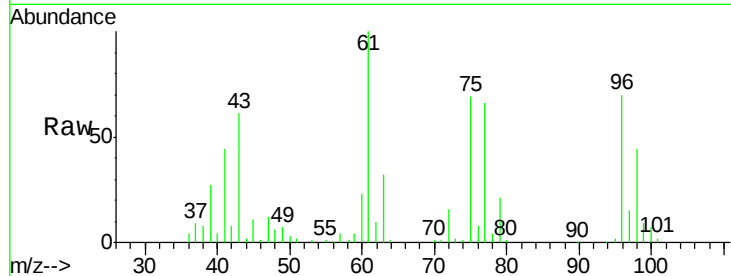


#27

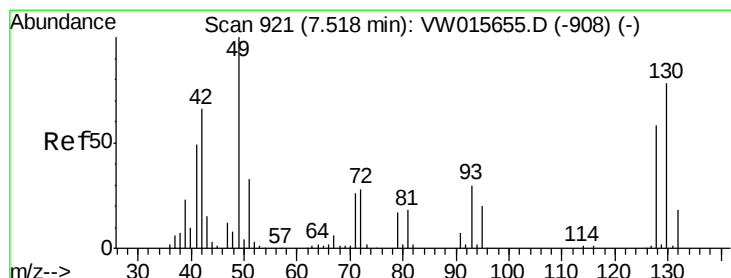
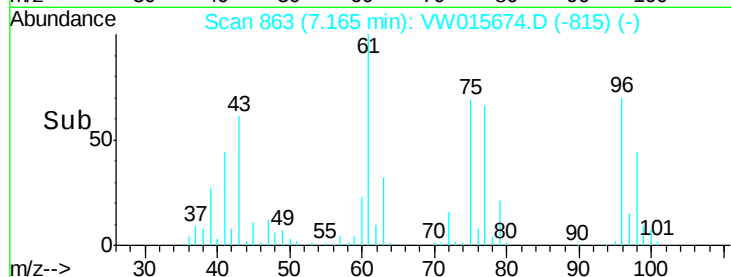
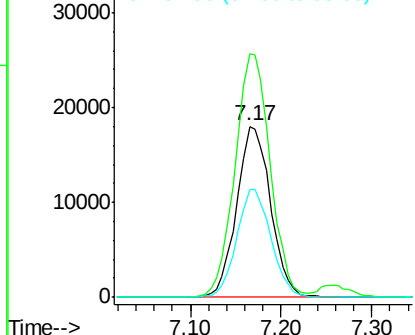
cis-1,2-Dichloroethene
Concen: 18.461 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW015674.D
Acq: 24 Jun 2020 11:28

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBS01

Tgt Ion: 96 Resp: 46748
Ion Ratio Lower Upper
96 100
61 147.5 0.0 296.8
98 63.5 0.0 128.0



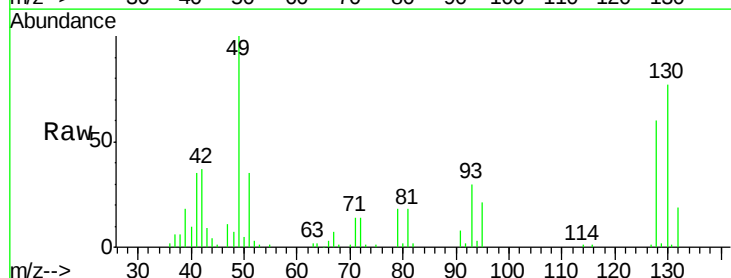
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



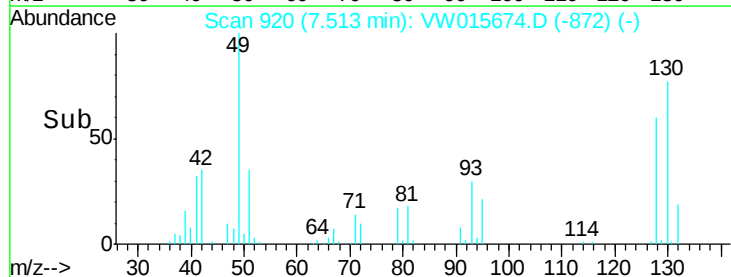
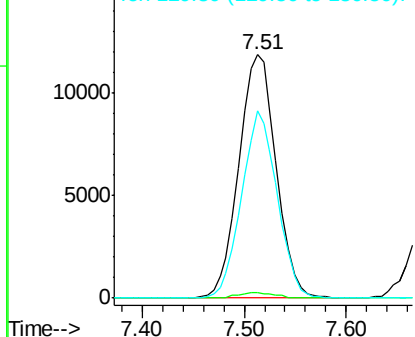
#28

Bromochloromethane
Concen: 18.763 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.01 min
Lab File: VW015674.D
Acq: 24 Jun 2020 11:28

Tgt Ion: 49 Resp: 30099
Ion Ratio Lower Upper
49 100
129 1.9 0.0 2.2
130 73.3 61.0 91.4



Abundance Ion 48.90 (48.60 to 49.60): VW
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

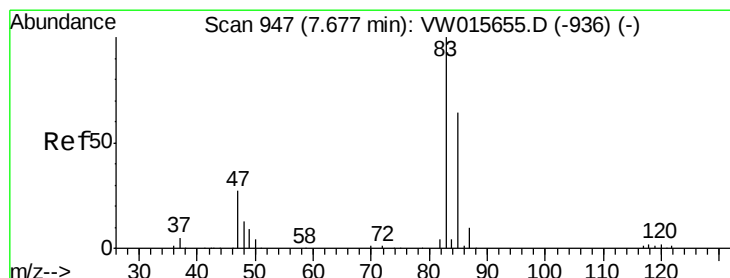
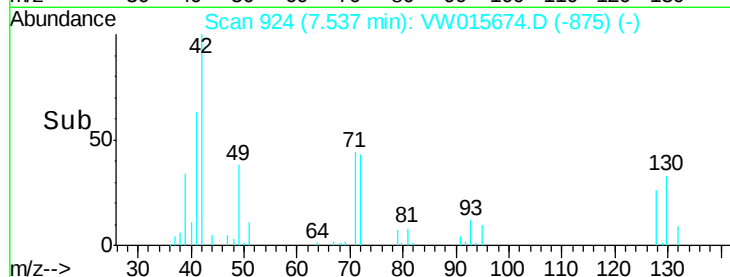
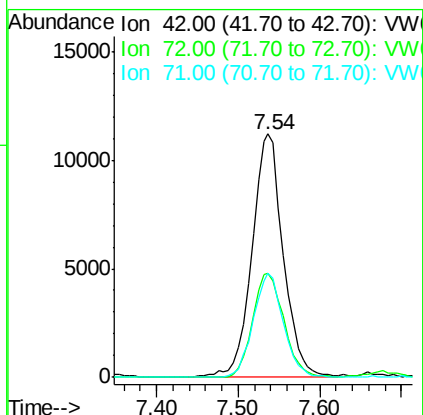
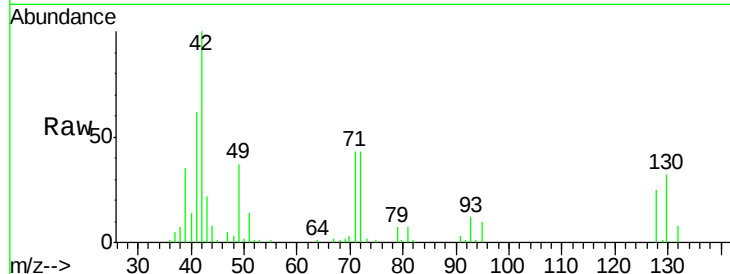




#29
Tetrahydrofuran
Concen: 84.958 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW015674.D
Acq: 24 Jun 2020 11:28

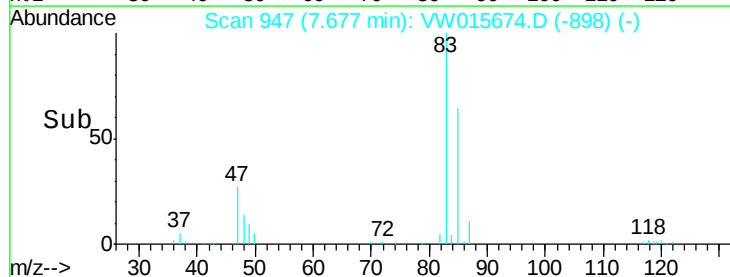
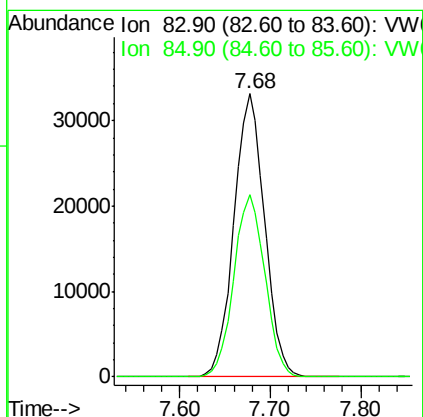
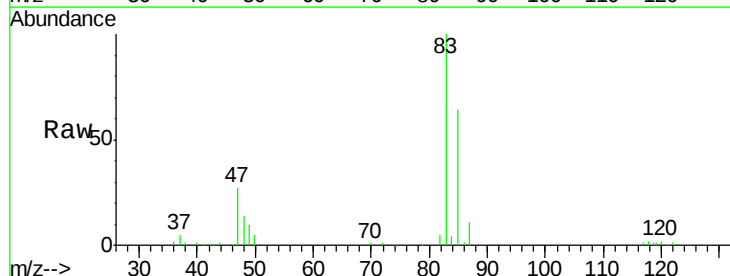
Instrument :
MSVOA_W
ClientSampleId :
VW0624SBS01

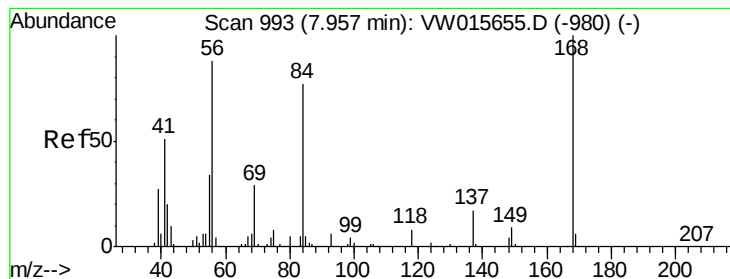
Tgt Ion: 42 Resp: 30040
Ion Ratio Lower Upper
42 100
72 42.7 35.0 52.6
71 41.0 32.6 49.0



#30
Chloroform
Concen: 18.288 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW015674.D
Acq: 24 Jun 2020 11:28

Tgt Ion: 83 Resp: 78216
Ion Ratio Lower Upper
83 100
85 64.4 51.0 76.4





#31

Cyclohexane

Concen: 18.087 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW015674.D

Acq: 24 Jun 2020 11:28

Instrument :

MSVOA_W

ClientSampled :

VW0624SBS01

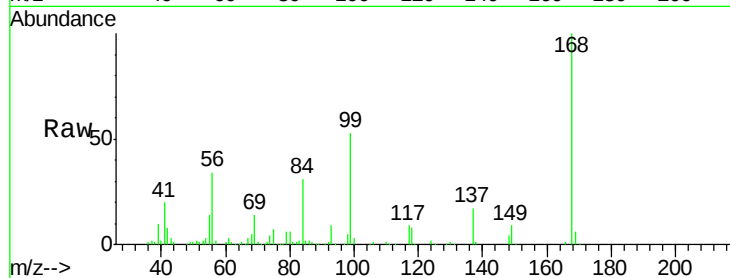
Tgt Ion: 56 Resp: 72964

Ion Ratio Lower Upper

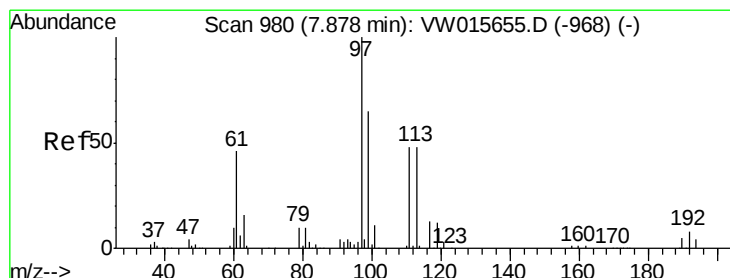
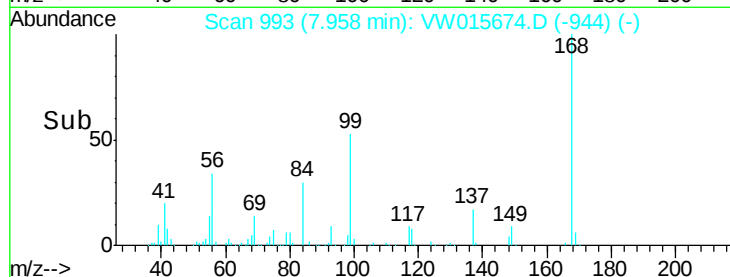
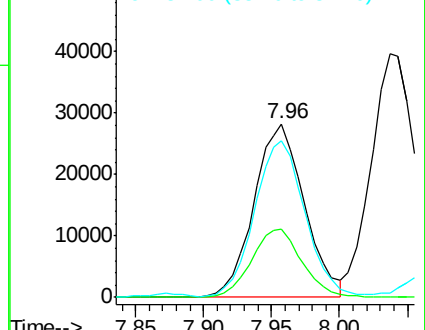
56 100

69 39.7 26.2 39.4#

84 89.5 70.4 105.6



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



#32

1,1,1-Trichloroethane

Concen: 18.497 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.01 min

Lab File: VW015674.D

Acq: 24 Jun 2020 11:28

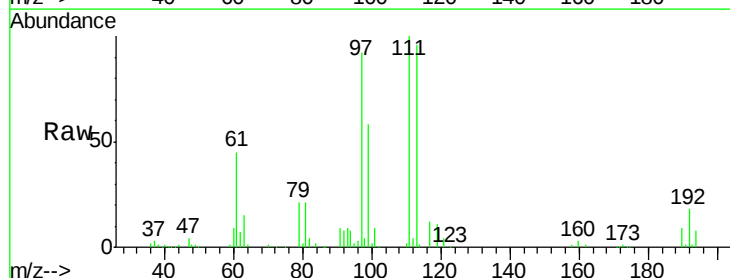
Tgt Ion: 97 Resp: 67434

Ion Ratio Lower Upper

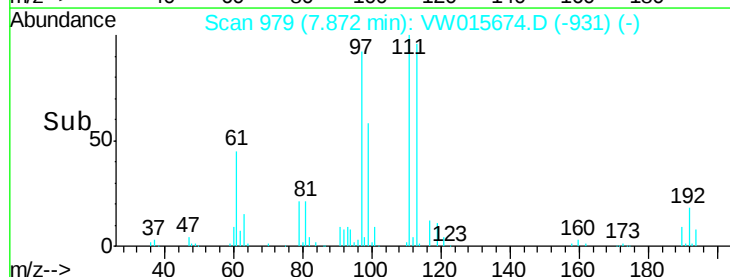
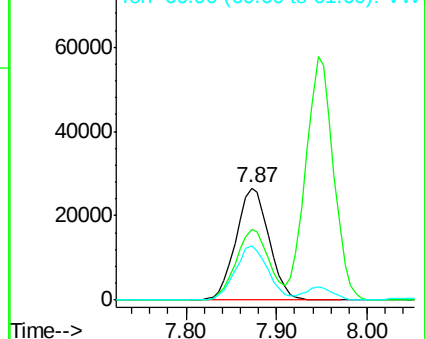
97 100

99 63.3 51.9 77.9

61 48.4 37.3 55.9



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





#33

1,2-Dichloroethane-d4

Concen: 45.091 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW015674.D

Acq: 24 Jun 2020 11:28

Instrument :

MSVOA_W

ClientSampleId :

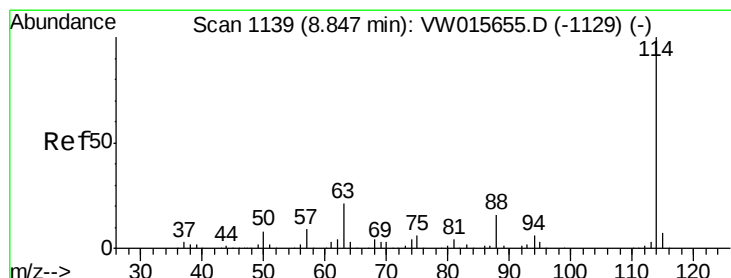
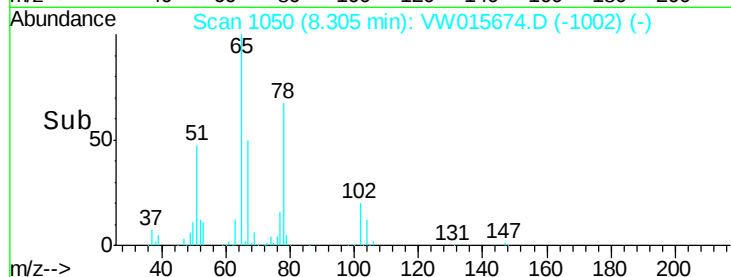
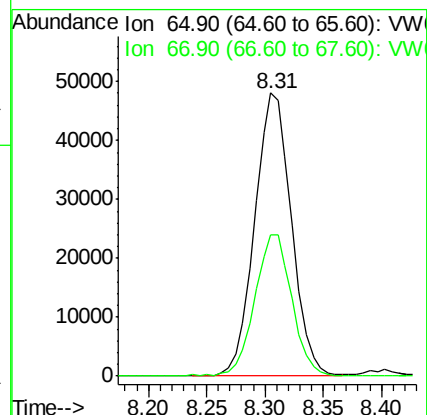
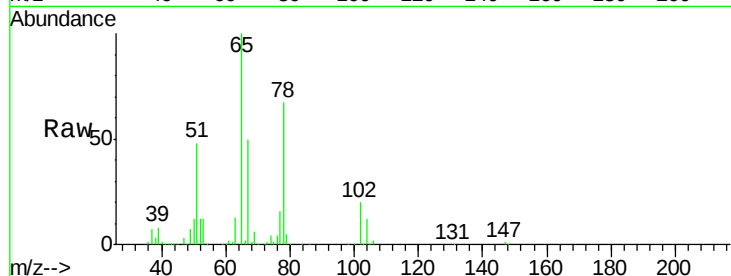
VW0624SBS01

Tgt Ion: 65 Resp: 105597

Ion Ratio Lower Upper

65 100

67 50.6 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.01 min

Lab File: VW015674.D

Acq: 24 Jun 2020 11:28

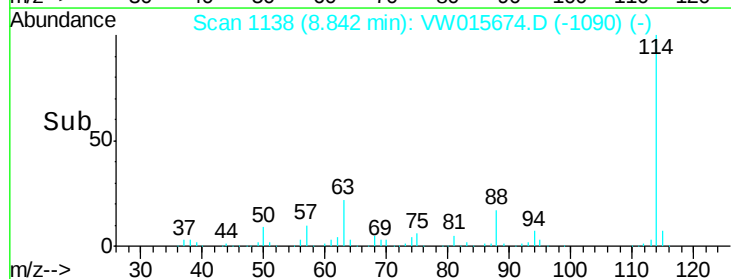
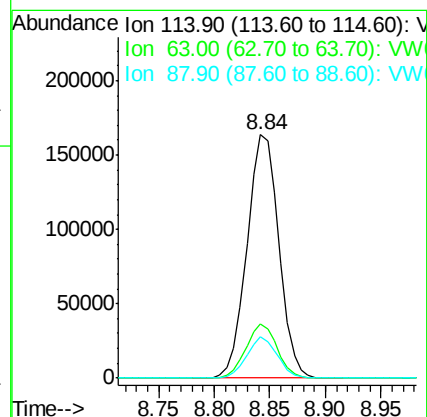
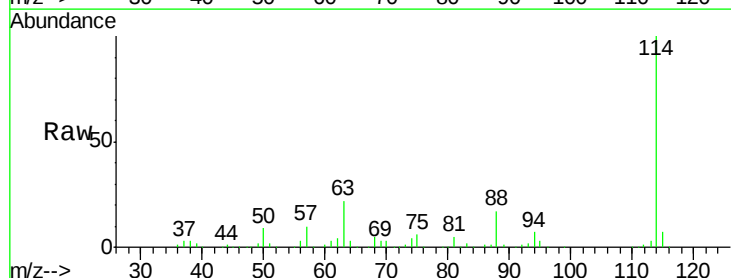
Tgt Ion: 114 Resp: 325816

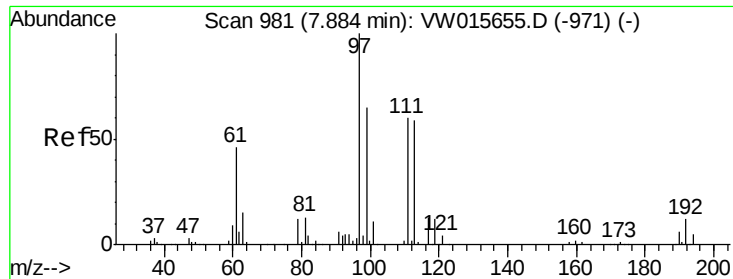
Ion Ratio Lower Upper

114 100

63 22.4 0.0 42.4

88 16.8 0.0 32.6

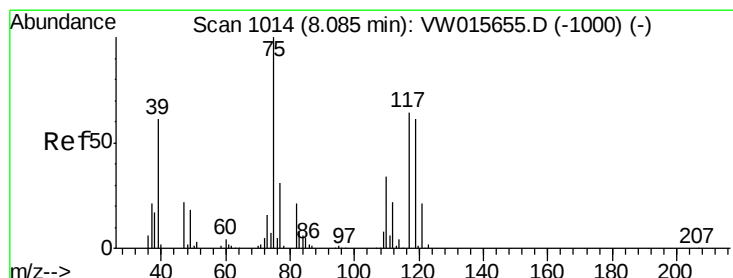
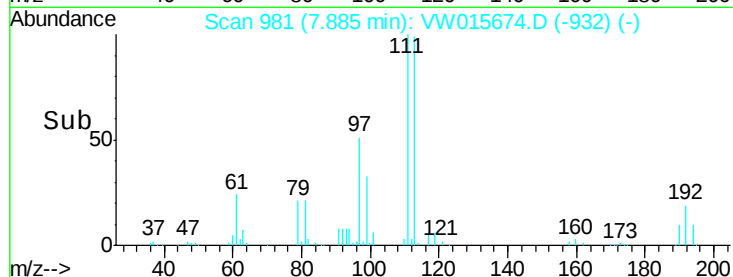
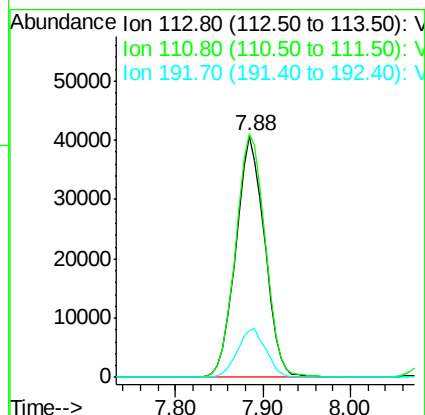
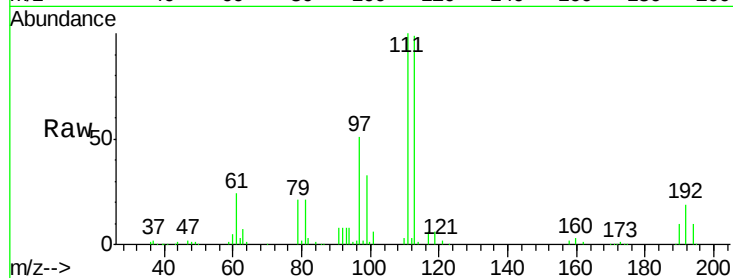




#35
Dibromofluoromethane
Concen: 45.526 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW015674.D
Acq: 24 Jun 2020 11:28

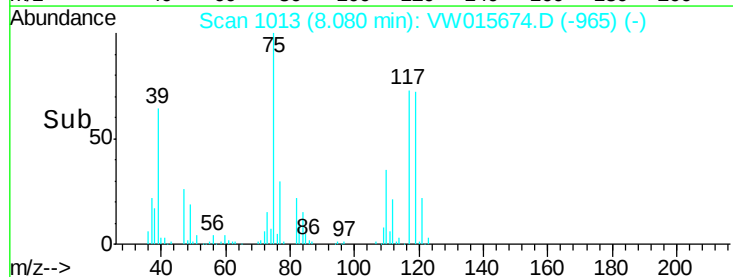
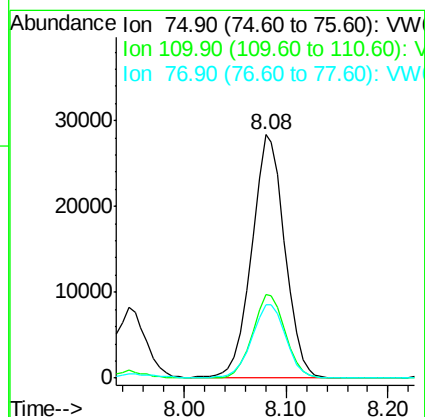
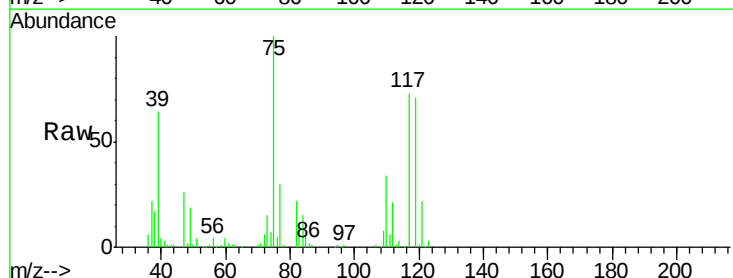
Instrument :
MSVOA_W
ClientSampleId :
VW0624SBS01

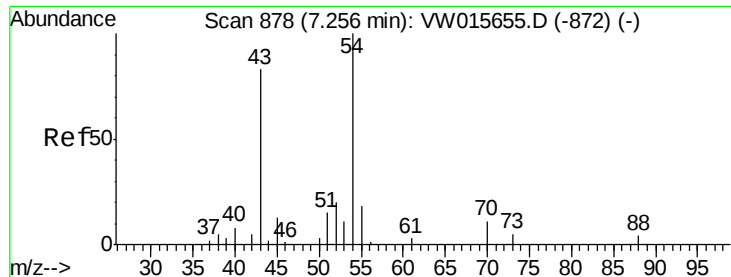
Tgt Ion: 113 Resp: 93304
Ion Ratio Lower Upper
113 100
111 103.9 82.3 123.5
192 20.1 16.4 24.6



#36
1,1-Dichloropropene
Concen: 18.896 ug/l
RT: 8.08 min Scan# 1013
Delta R.T. -0.01 min
Lab File: VW015674.D
Acq: 24 Jun 2020 11:28

Tgt Ion: 75 Resp: 64035
Ion Ratio Lower Upper
75 100
110 33.8 17.0 51.0
77 31.3 24.6 36.8

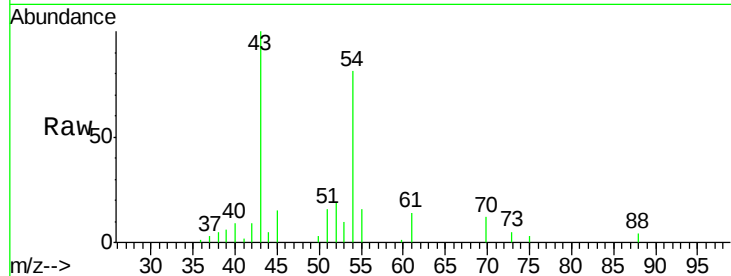




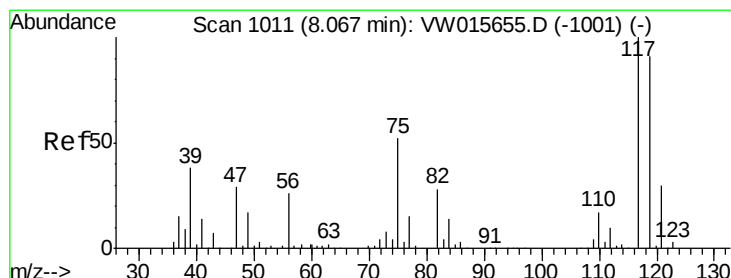
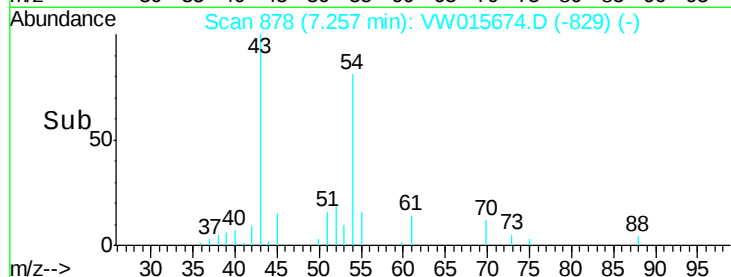
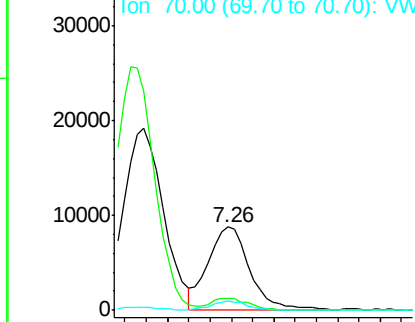
#37
Ethyl Acetate
Concen: 18.176 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW015674.D
Acq: 24 Jun 2020 11:28

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBS01

Tgt Ion: 43 Resp: 23519
Ion Ratio Lower Upper
43 100
61 14.0 10.4 15.6
70 10.3 8.4 12.6

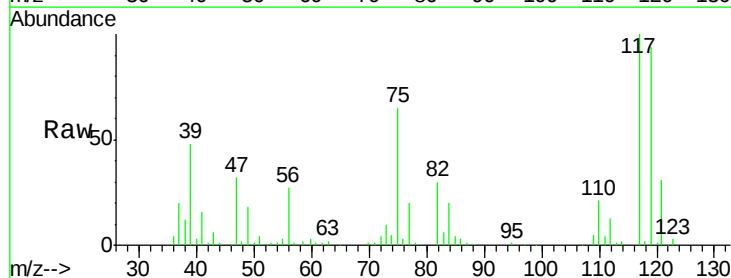


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW

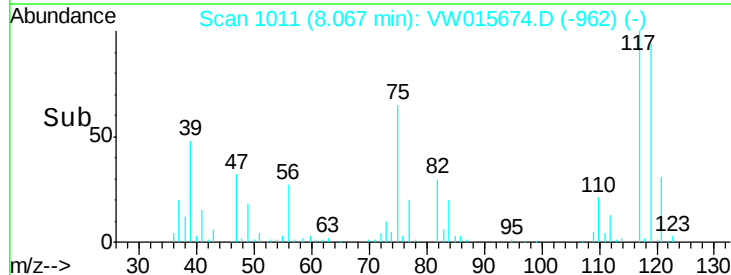
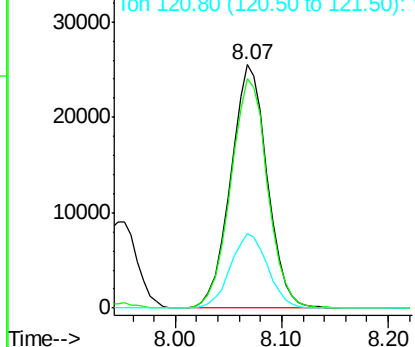


#38
Carbon Tetrachloride
Concen: 18.655 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW015674.D
Acq: 24 Jun 2020 11:28

Tgt Ion: 117 Resp: 61280
Ion Ratio Lower Upper
117 100
119 94.4 73.2 109.8
121 30.8 23.9 35.9



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

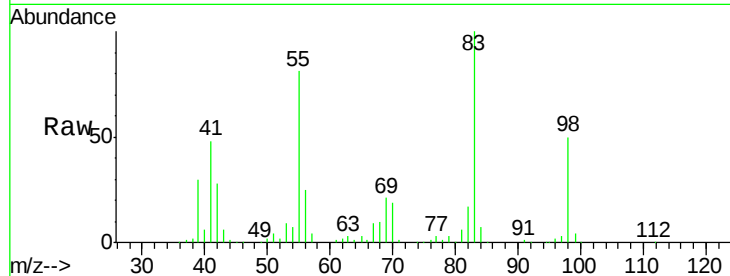




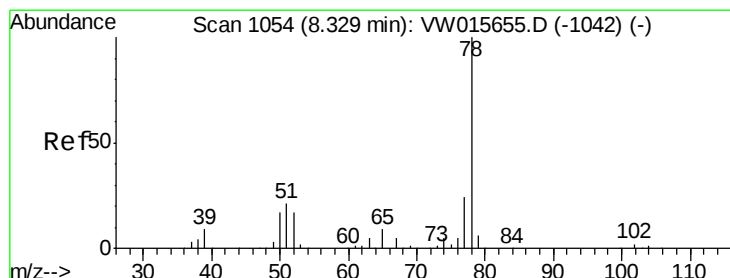
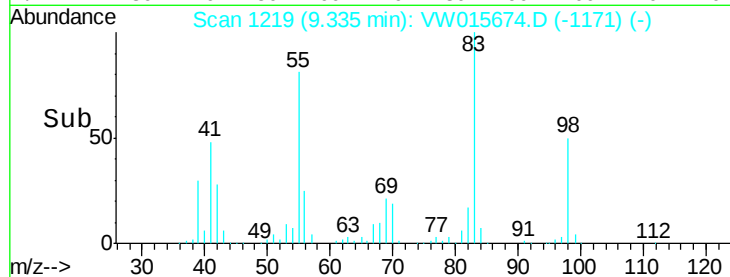
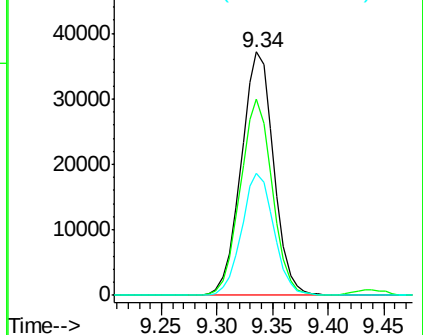
#39
Methylcyclohexane
Concen: 18.321 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW015674.D
Acq: 24 Jun 2020 11:28

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBS01

Tgt Ion: 83 Resp: 75200
Ion Ratio Lower Upper
83 100
55 80.5 62.8 94.2
98 50.0 39.9 59.9

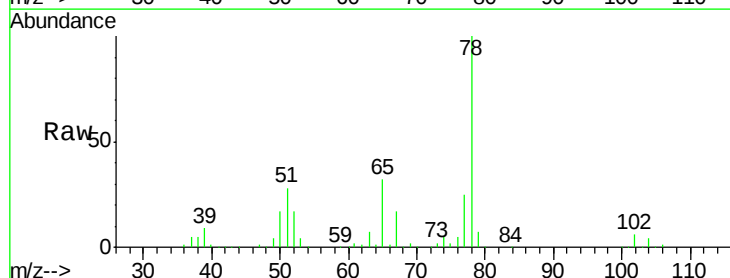


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

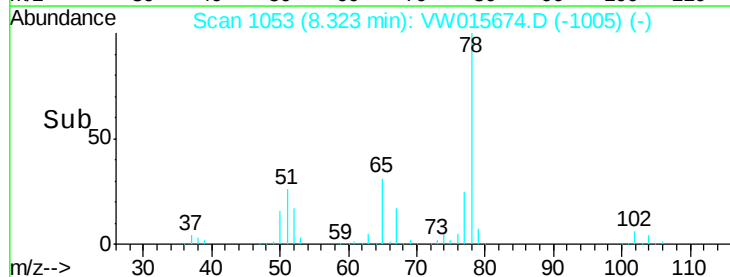
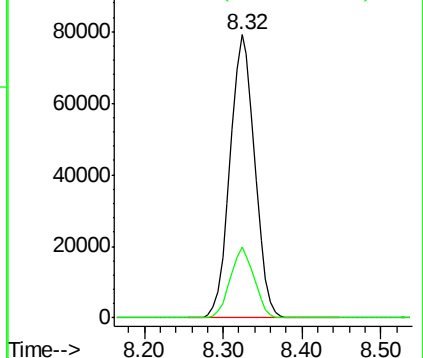


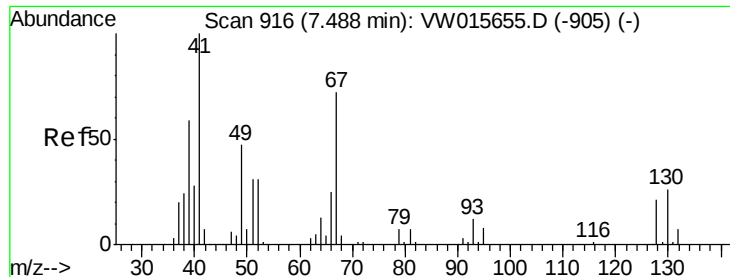
#40
Benzene
Concen: 18.709 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW015674.D
Acq: 24 Jun 2020 11:28

Tgt Ion: 78 Resp: 172391
Ion Ratio Lower Upper
78 100
77 25.1 19.3 28.9



Abundance Ion 78.00 (77.70 to 78.70): VW
Ion 77.00 (76.70 to 77.70): VW





#41

Methacrylonitrile

Concen: 18.422 ug/l

RT: 7.49 min Scan# 916

Delta R.T. 0.00 min

Lab File: VW015674.D

Acq: 24 Jun 2020 11:28

Instrument :

MSVOA_W

ClientSampled :

VW0624SBS01

Tgt Ion: 41 Resp: 13680

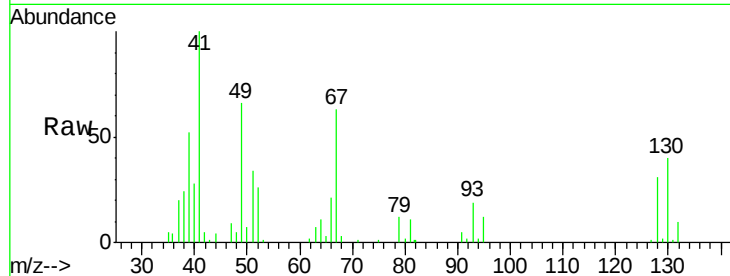
Ion Ratio Lower Upper

41 100

39 56.4 52.0 78.0

67 67.7 57.5 86.3

52 31.1 26.5 39.7

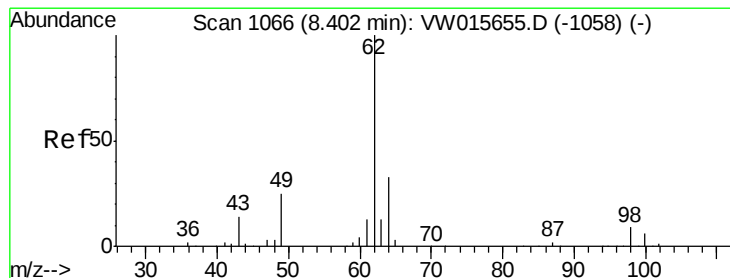
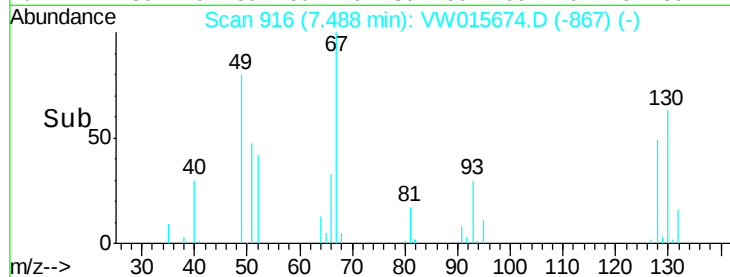
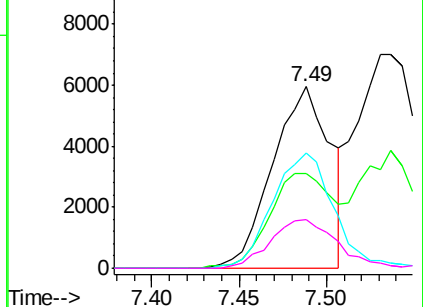


Abundance Ion 41.00 (40.70 to 41.70): VW

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: 19.013 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. 0.00 min

Lab File: VW015674.D

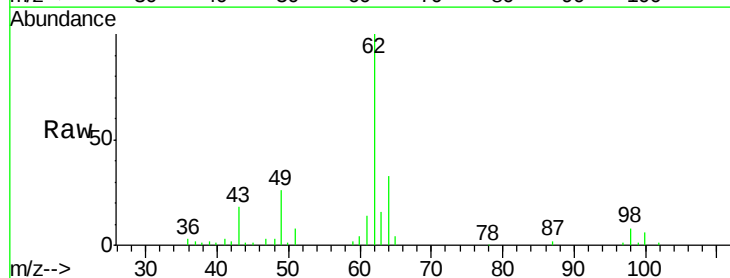
Acq: 24 Jun 2020 11:28

Tgt Ion: 62 Resp: 54199

Ion Ratio Lower Upper

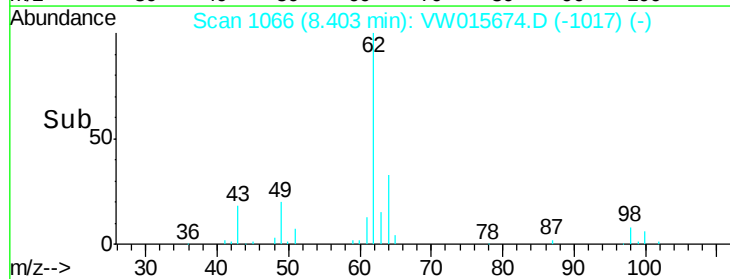
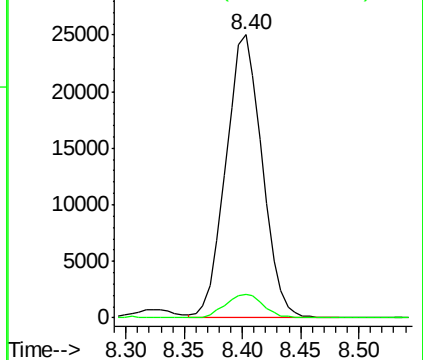
62 100

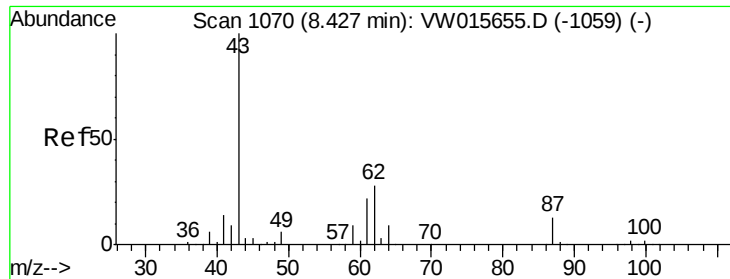
98 8.6 0.0 17.4



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW

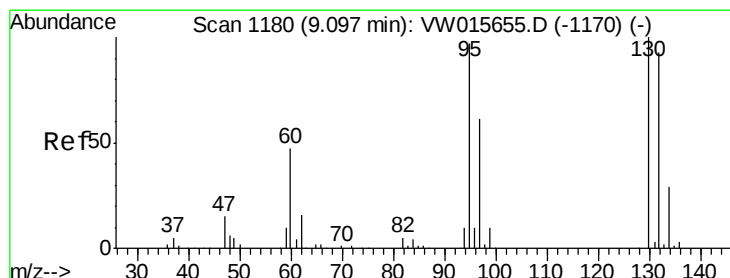
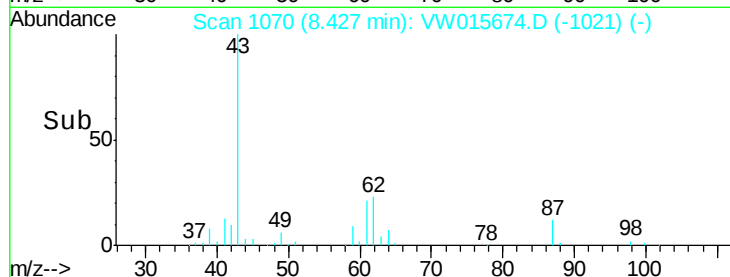
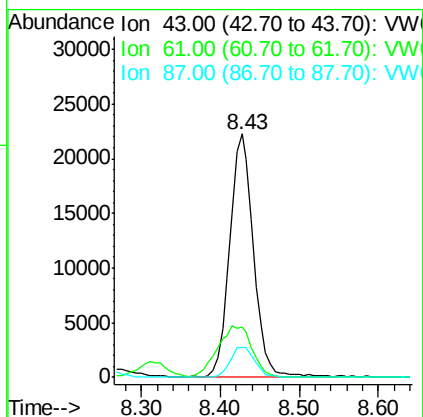
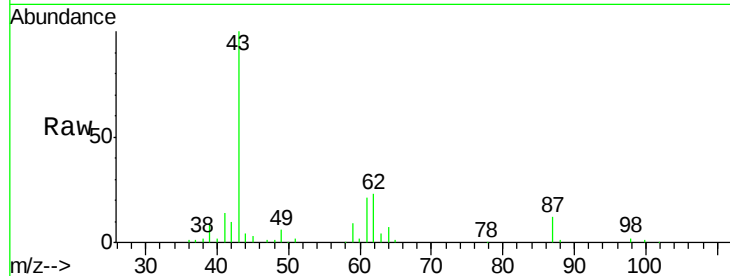




#43
Isopropyl Acetate
Concen: 18.135 ug/l
RT: 8.43 min Scan# 1070
Delta R.T. 0.00 min
Lab File: VW015674.D
Acq: 24 Jun 2020 11:28

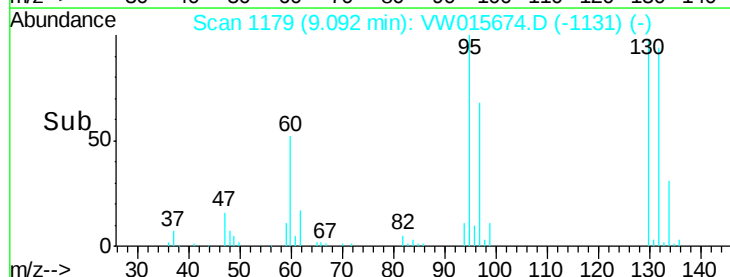
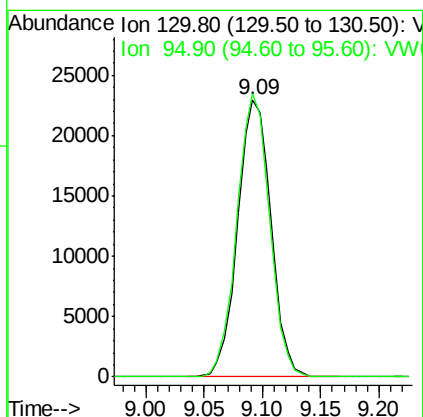
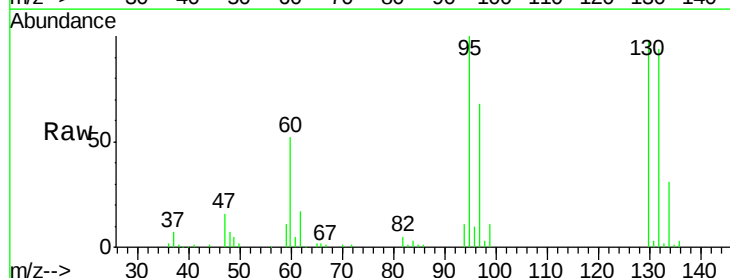
Instrument :
MSVOA_W
ClientSampleId :
VW0624SBS01

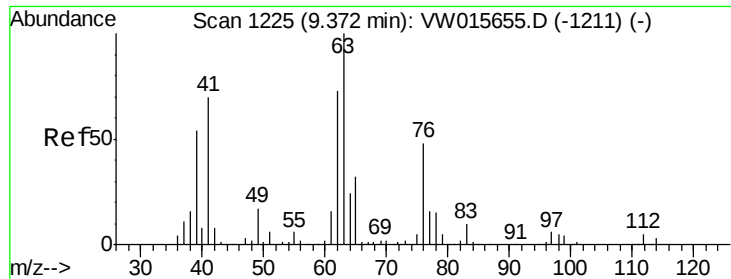
Tgt Ion: 43 Resp: 46826
Ion Ratio Lower Upper
43 100
61 30.5 24.7 37.1
87 12.7 10.2 15.2



#44
Trichloroethene
Concen: 18.473 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. -0.01 min
Lab File: VW015674.D
Acq: 24 Jun 2020 11:28

Tgt Ion: 130 Resp: 45881
Ion Ratio Lower Upper
130 100
95 102.0 0.0 194.4

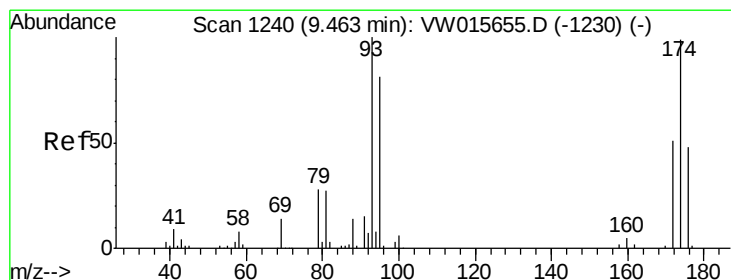
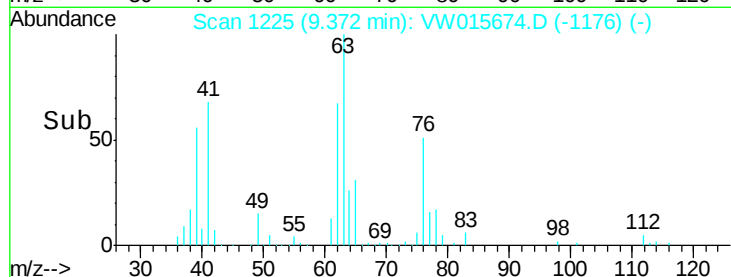
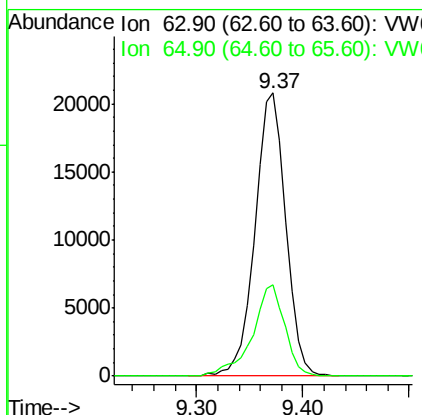
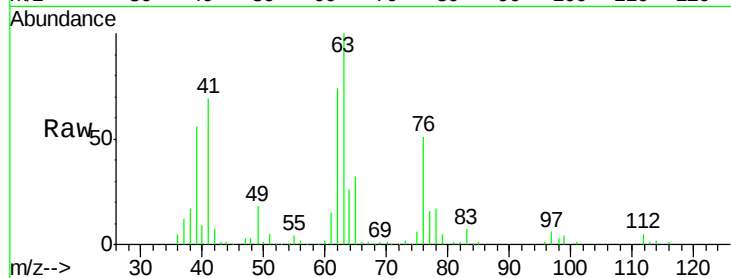




#45
 1,2-Dichloropropane
 Concen: 18.703 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW015674.D
 Acq: 24 Jun 2020 11:28

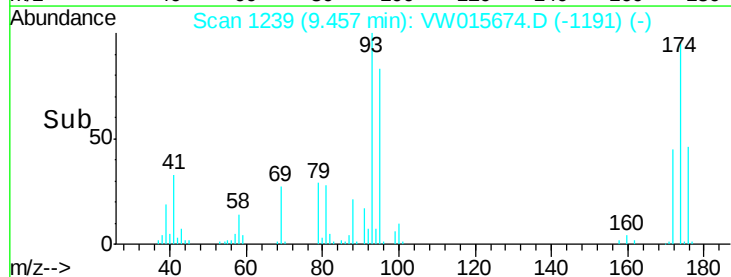
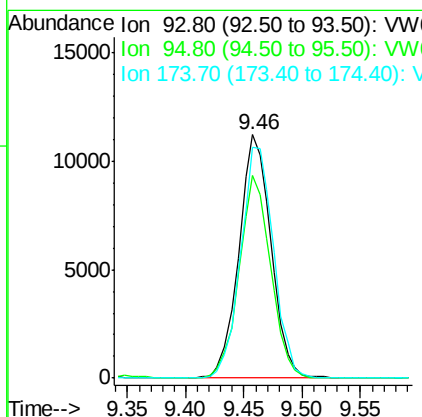
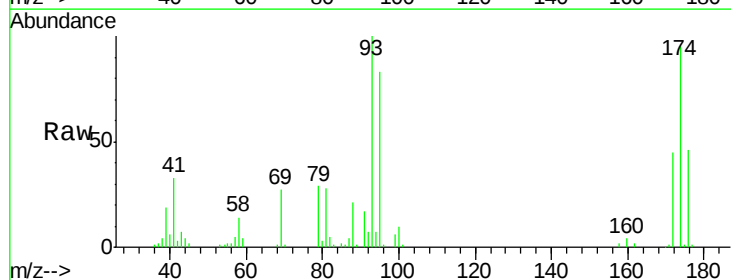
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBS01

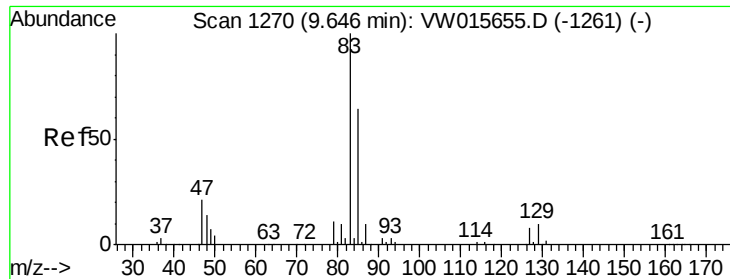
Tgt Ion: 63 Resp: 42125
 Ion Ratio Lower Upper
 63 100
 65 32.5 25.3 37.9



#46
 Dibromomethane
 Concen: 18.484 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW015674.D
 Acq: 24 Jun 2020 11:28

Tgt Ion: 93 Resp: 21540
 Ion Ratio Lower Upper
 93 100
 95 81.7 65.7 98.5
 174 97.5 79.0 118.6

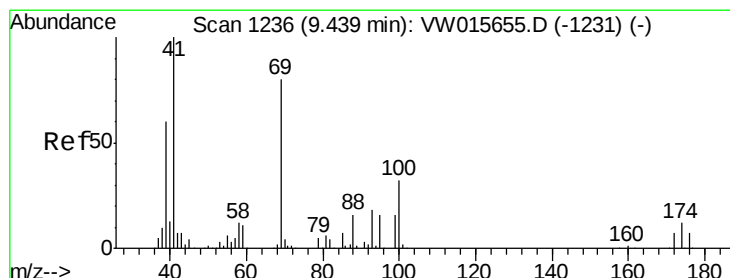
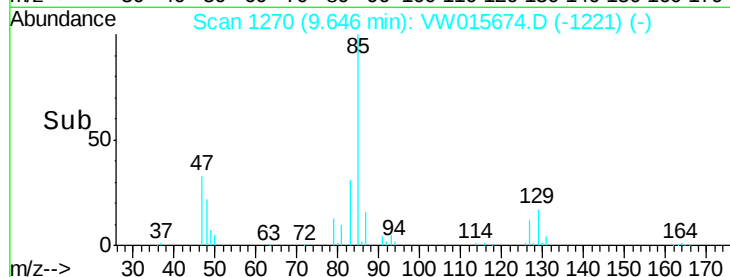
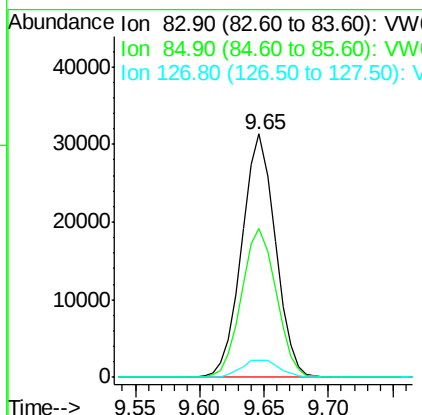
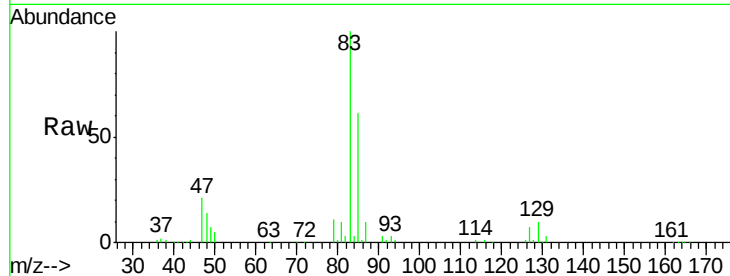




#47
 Bromodichloromethane
 Concen: 18.635 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VW015674.D
 Acq: 24 Jun 2020 11:28

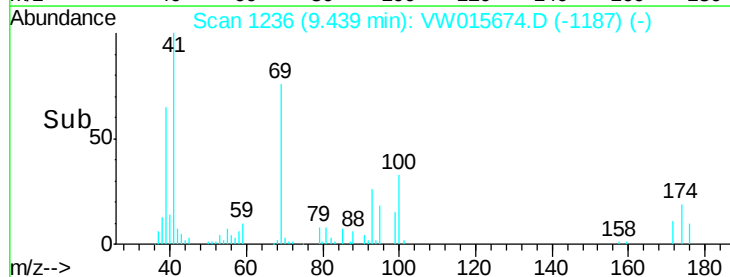
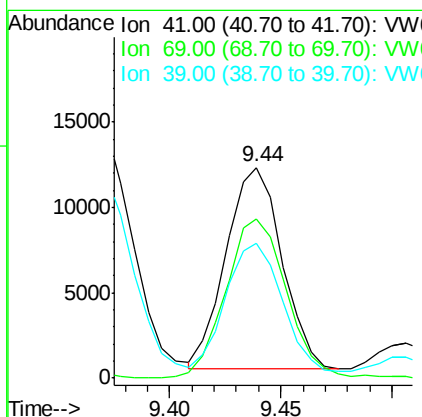
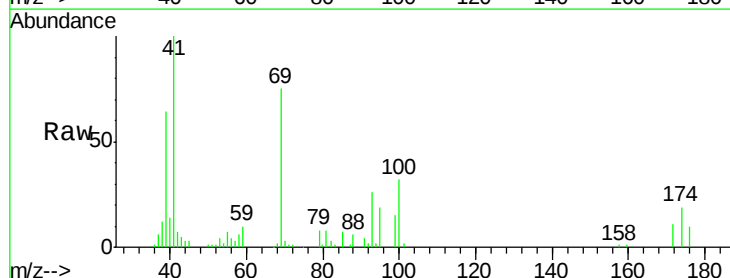
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBS01

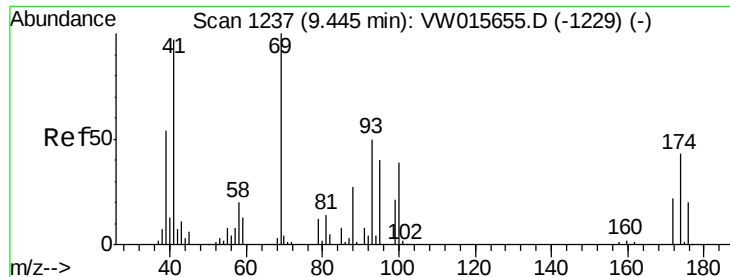
Tgt Ion: 83 Resp: 56645
 Ion Ratio Lower Upper
 83 100
 85 61.4 50.8 76.2
 127 7.1 6.3 9.5



#48
 Methyl methacrylate
 Concen: 17.554 ug/l
 RT: 9.44 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VW015674.D
 Acq: 24 Jun 2020 11:28

Tgt Ion: 41 Resp: 20723
 Ion Ratio Lower Upper
 41 100
 69 85.9 68.2 102.2
 39 63.7 49.8 74.6





#49

1,4-Dioxane

Concen: 342.248 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.02 min

Lab File: VW015674.D

Acq: 24 Jun 2020 11:28

Instrument :

MSVOA_W

ClientSampleId :

VW0624SBS01

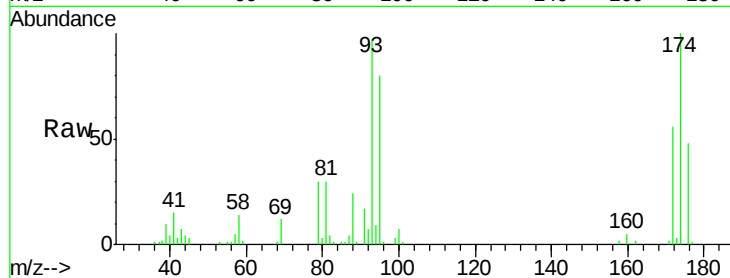
Tgt Ion: 88 Resp: 5232

Ion Ratio Lower Upper

88 100

43 0.0 30.1 45.1#

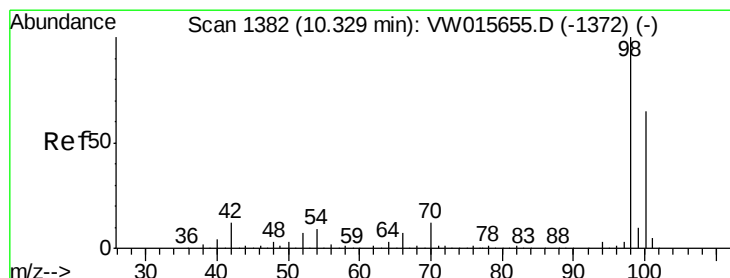
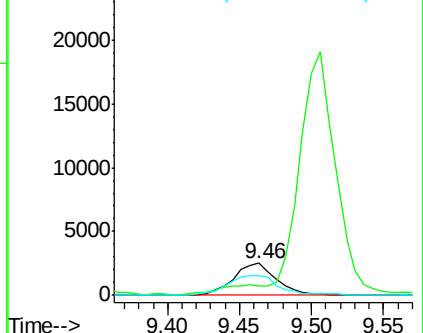
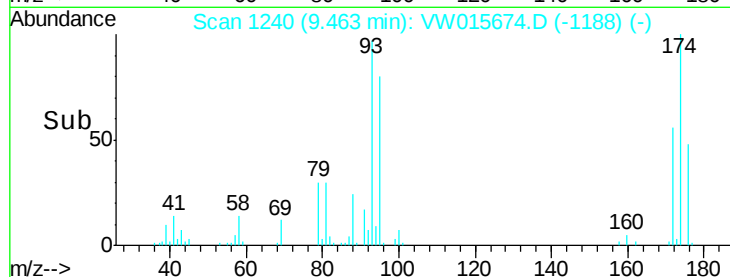
58 75.3 56.1 84.1



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 46.511 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW015674.D

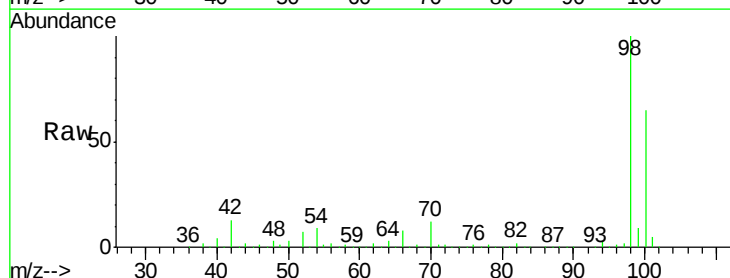
Acq: 24 Jun 2020 11:28

Tgt Ion: 98 Resp: 375137

Ion Ratio Lower Upper

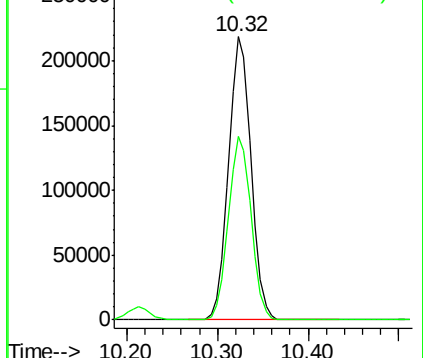
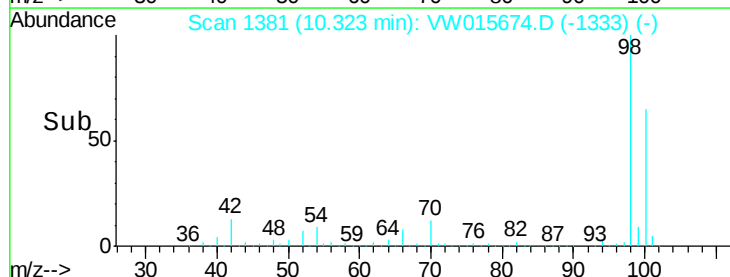
98 100

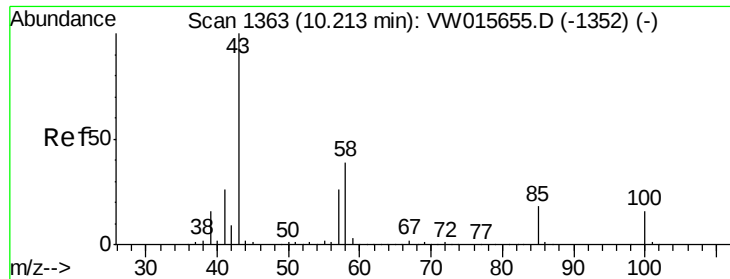
100 65.5 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

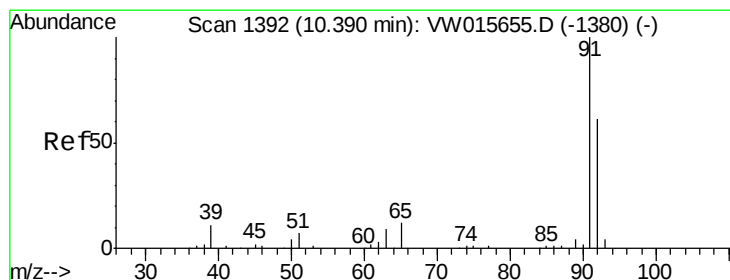
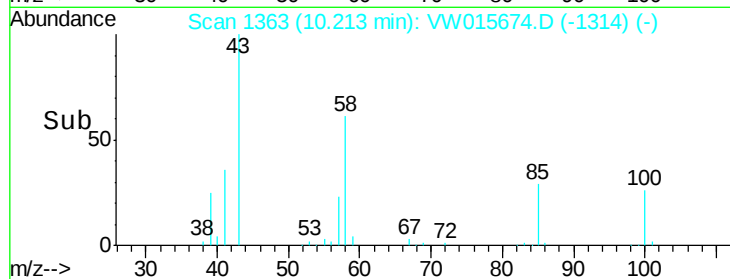
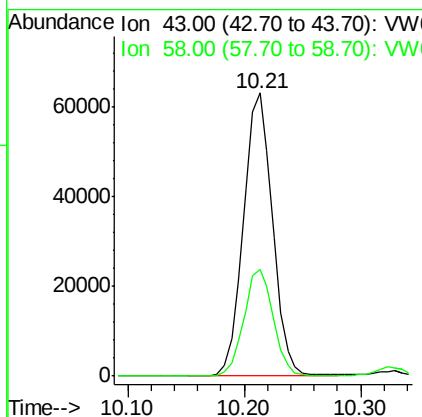
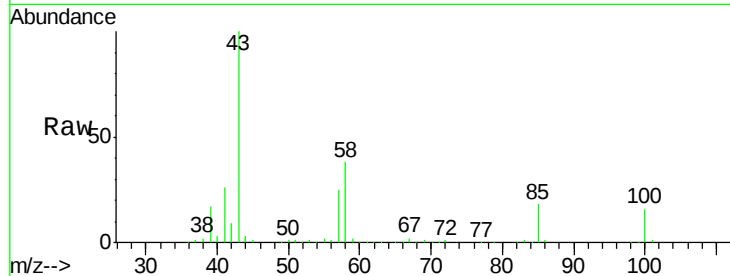




#51
4-Methyl-2-Pentanone
Concen: 88.521 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW015674.D
Acq: 24 Jun 2020 11:28

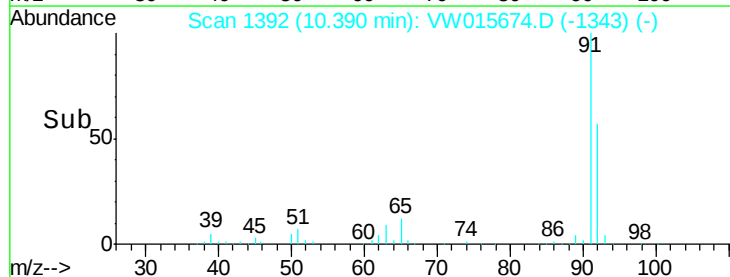
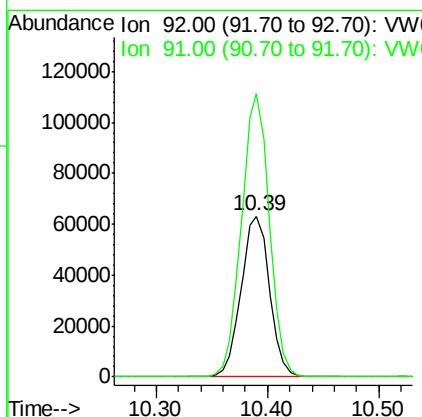
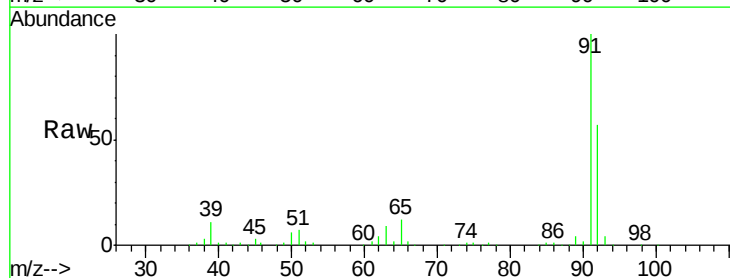
Instrument :
MSVOA_W
ClientSampleId :
VW0624SBS01

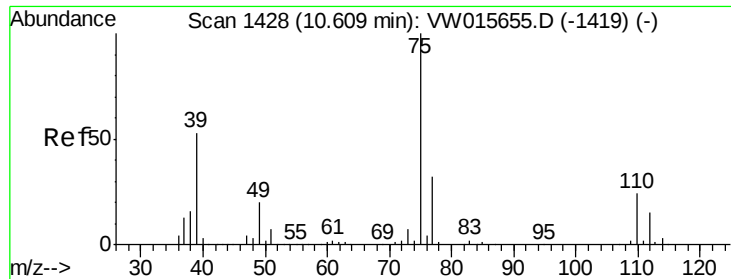
Tgt Ion: 43 Resp: 110229
Ion Ratio Lower Upper
43 100
58 38.2 31.2 46.8



#52
Toluene
Concen: 18.738 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW015674.D
Acq: 24 Jun 2020 11:28

Tgt Ion: 92 Resp: 111490
Ion Ratio Lower Upper
92 100
91 173.4 135.5 203.3

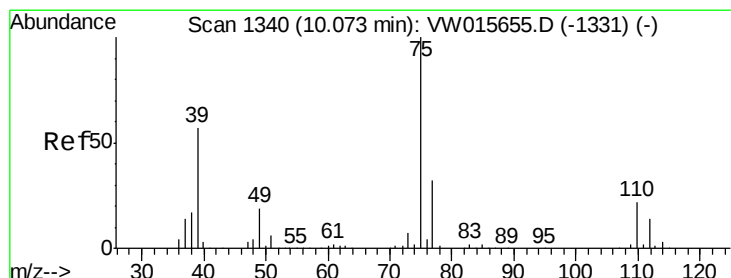
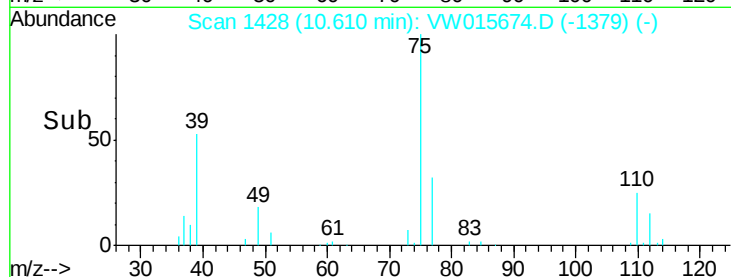
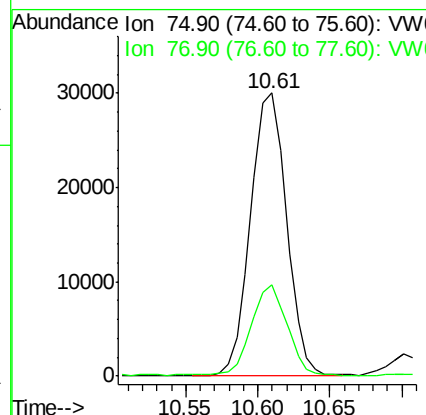
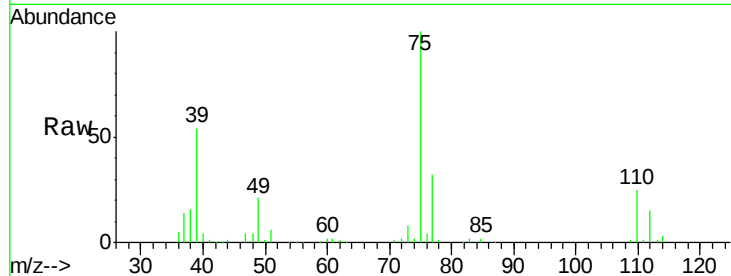




#53
 t-1,3-Dichloropropene
 Concen: 17.770 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: VW015674.D
 Acq: 24 Jun 2020 11:28

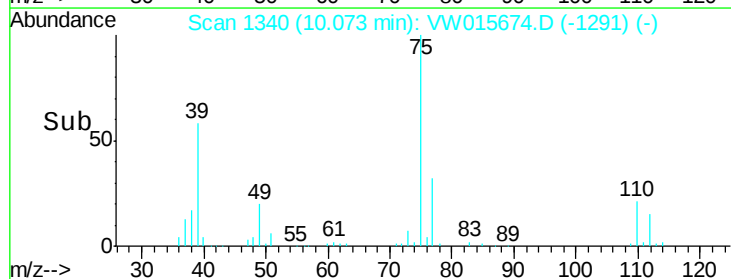
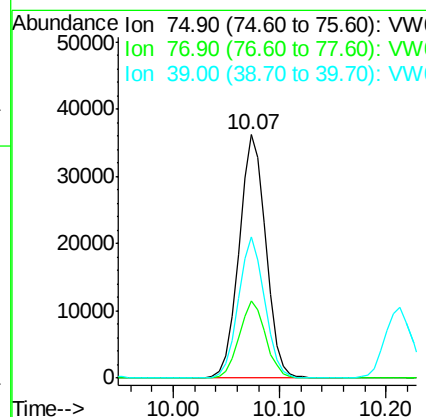
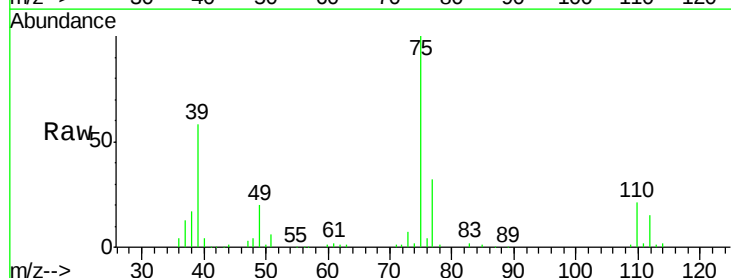
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBS01

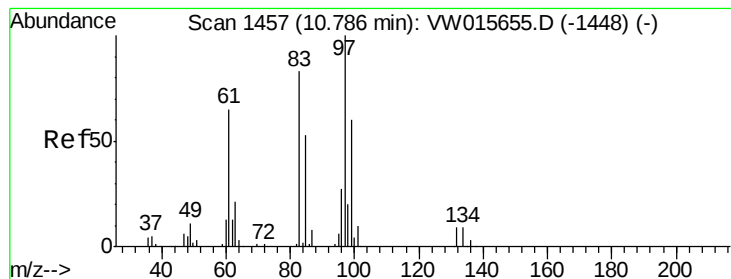
Tgt Ion: 75 Resp: 52181
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 18.179 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW015674.D
 Acq: 24 Jun 2020 11:28

Tgt Ion: 75 Resp: 63772
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.4 38.2
 39 58.2 45.8 68.6





#55

1,1,2-Trichloroethane

Concen: 18.819 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. 0.00 min

Lab File: VW015674.D

Acq: 24 Jun 2020 11:28

Instrument :

MSVOA_W

ClientSampled :

VW0624SBS01

Tgt Ion: 97 Resp: 30491

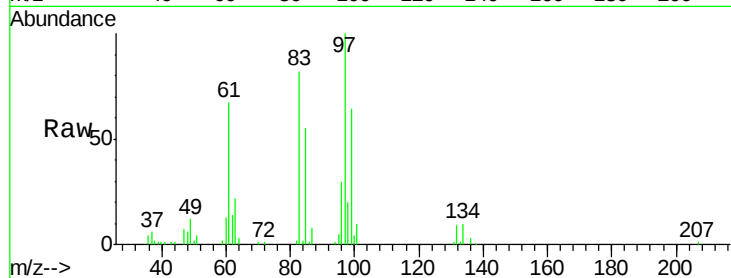
Ion Ratio Lower Upper

97 100

83 82.0 66.3 99.5

85 54.8 42.5 63.7

99 63.7 48.3 72.5

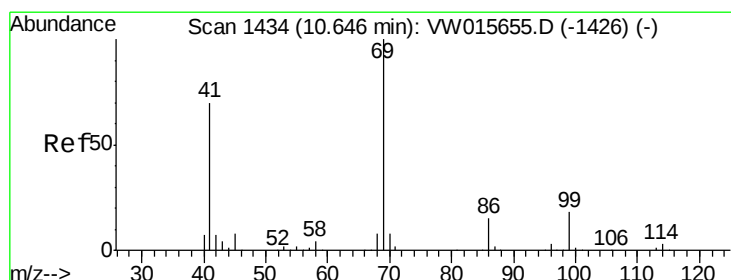
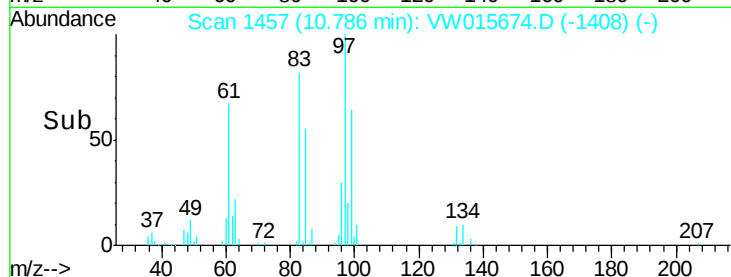
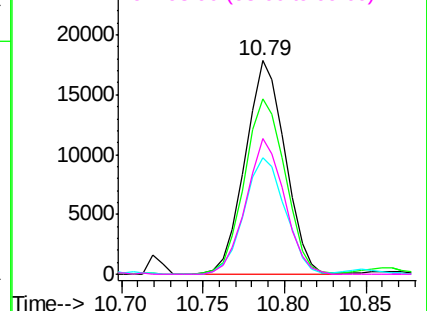


Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 17.624 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW015674.D

Acq: 24 Jun 2020 11:28

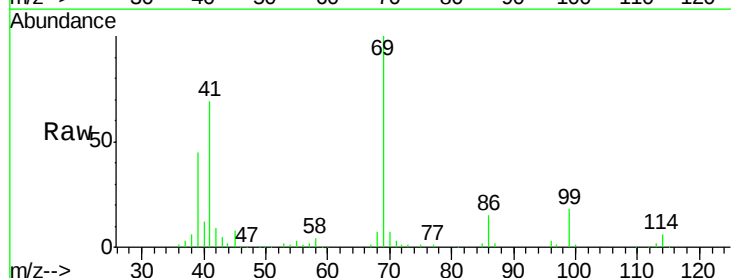
Tgt Ion: 69 Resp: 35529

Ion Ratio Lower Upper

69 100

41 69.8 55.8 83.6

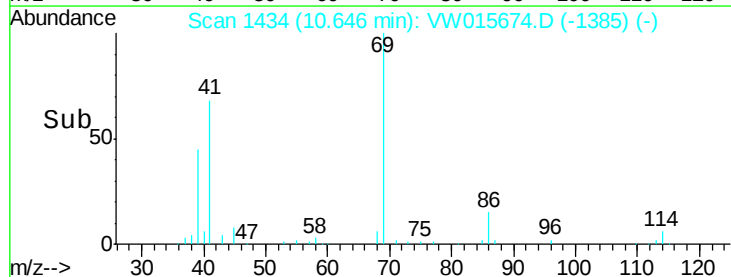
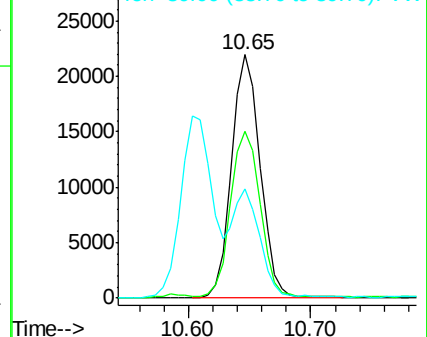
39 44.2 29.5 44.3

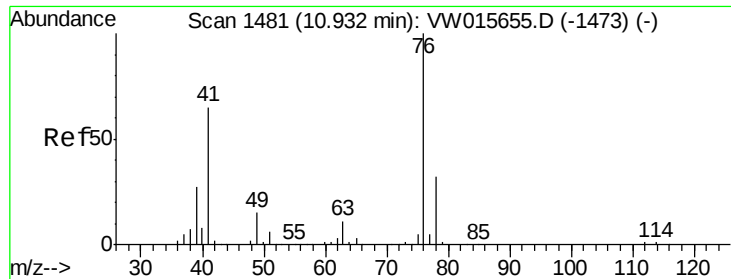


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

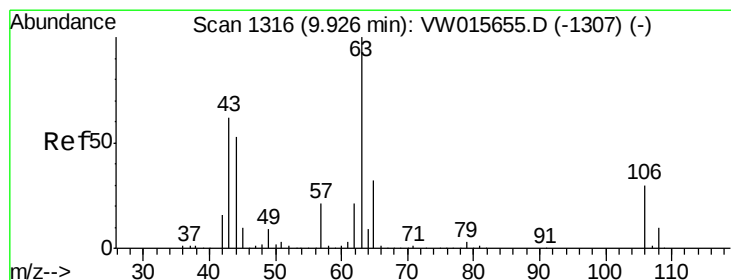
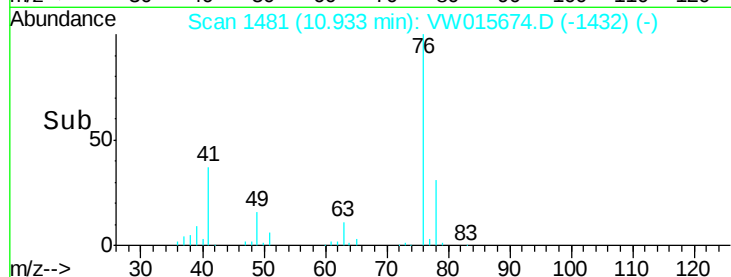
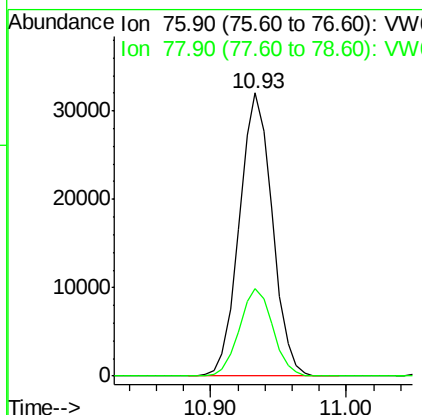
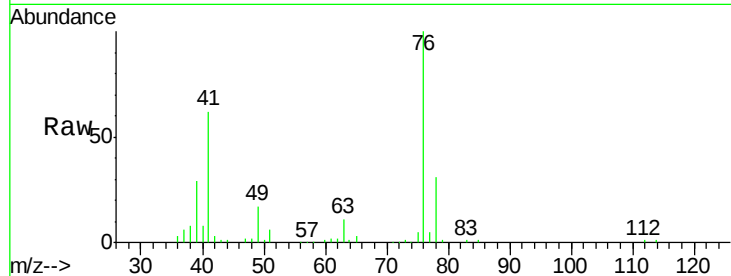




#57
 1,3-Dichloropropane
 Concen: 18.843 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW015674.D
 Acq: 24 Jun 2020 11:28

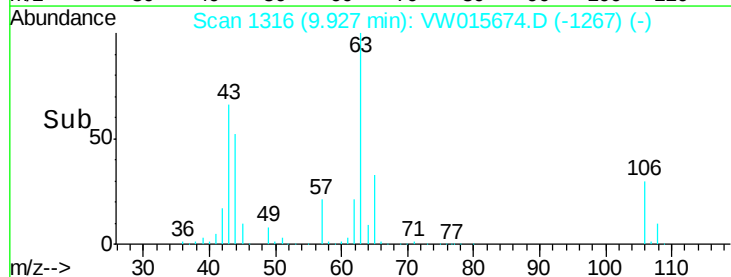
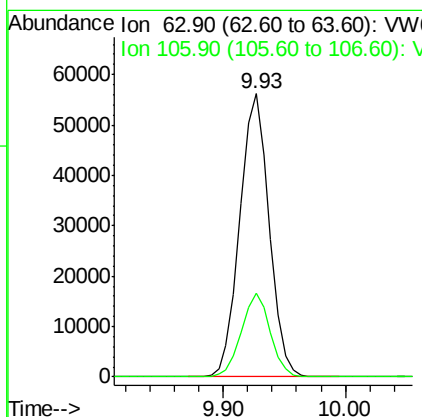
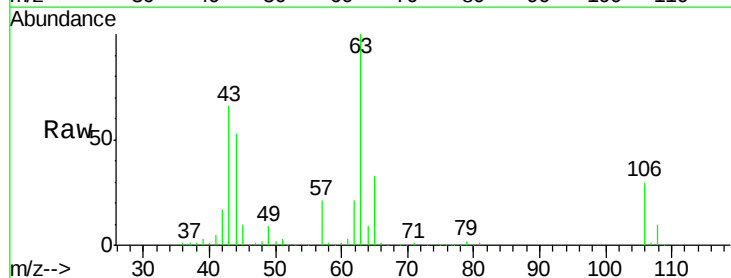
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBS01

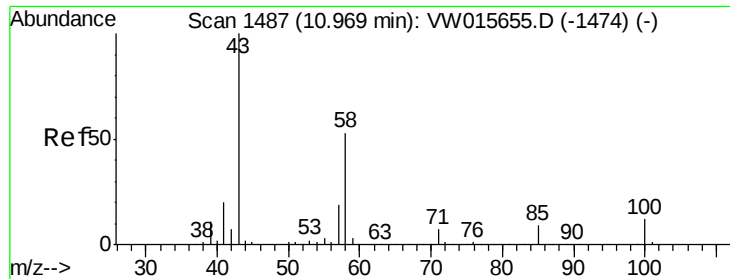
Tgt Ion: 76 Resp: 54126
 Ion Ratio Lower Upper
 76 100
 78 31.4 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 98.107 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW015674.D
 Acq: 24 Jun 2020 11:28

Tgt Ion: 63 Resp: 93595
 Ion Ratio Lower Upper
 63 100
 106 29.3 23.3 34.9





#59

2-Hexanone

Concen: 87.887 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW015674.D

Acq: 24 Jun 2020 11:28

Instrument :

MSVOA_W

ClientSampleId :

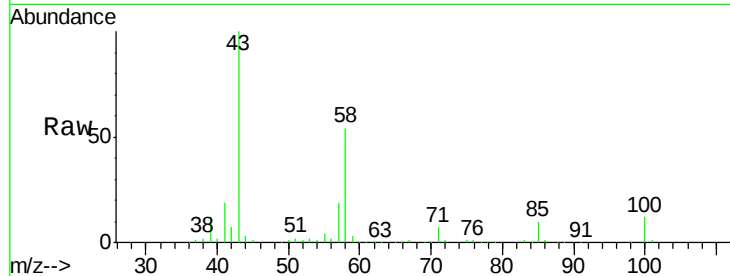
VW0624SBS01

Tgt Ion: 43 Resp: 74506

Ion Ratio Lower Upper

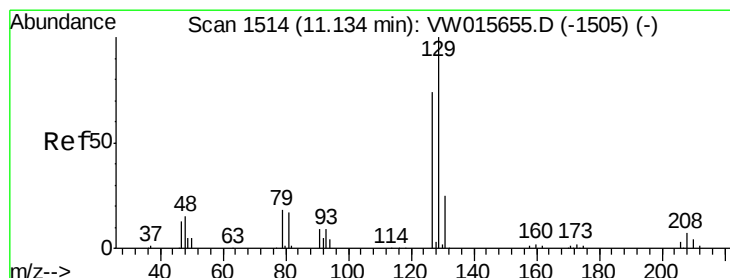
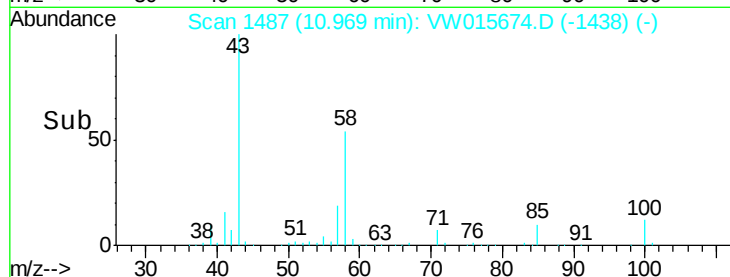
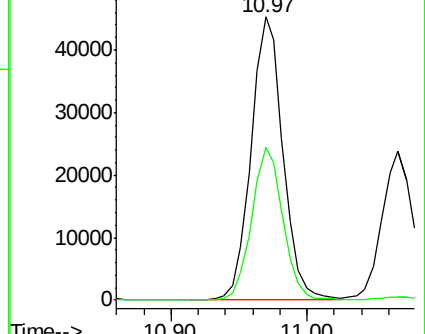
43 100

58 52.9 26.5 79.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#60

Dibromochloromethane

Concen: 18.002 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. -0.01 min

Lab File: VW015674.D

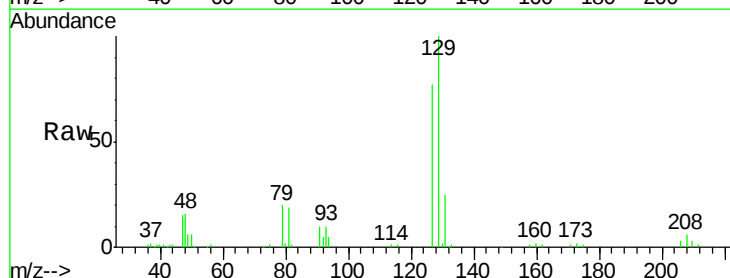
Acq: 24 Jun 2020 11:28

Tgt Ion: 129 Resp: 33990

Ion Ratio Lower Upper

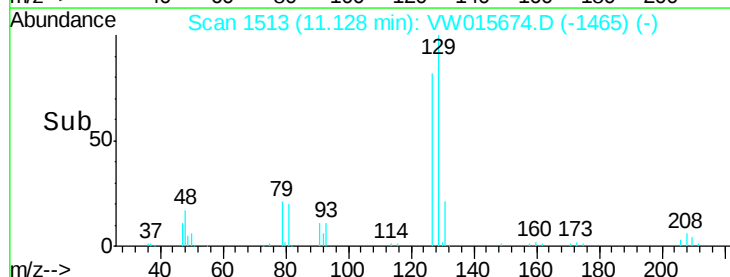
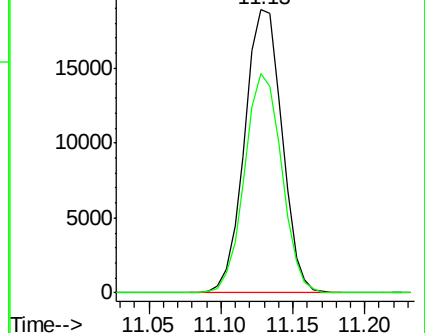
129 100

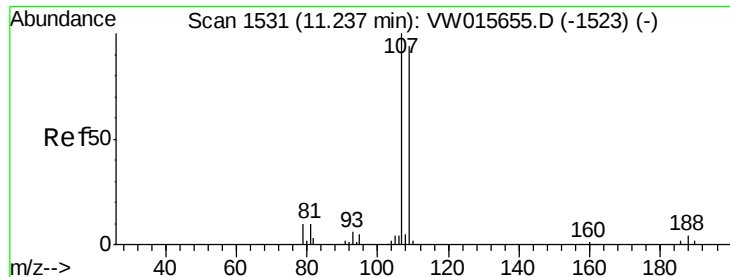
127 76.9 38.0 114.1



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

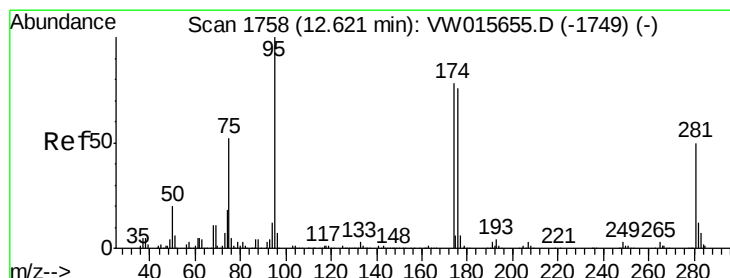
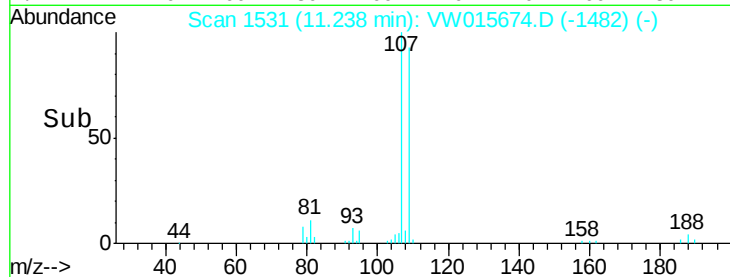
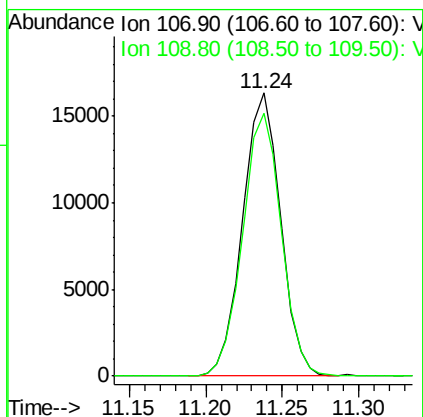
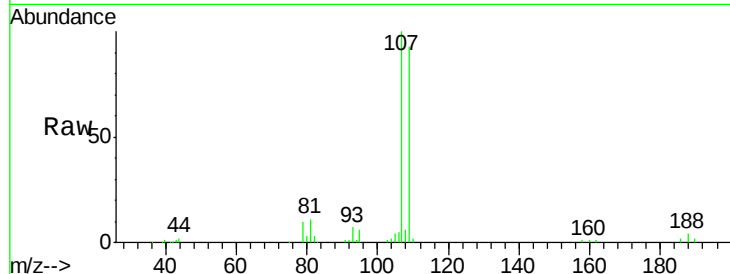




#61
 1,2-Dibromoethane
 Concen: 18.254 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW015674.D
 Acq: 24 Jun 2020 11:28

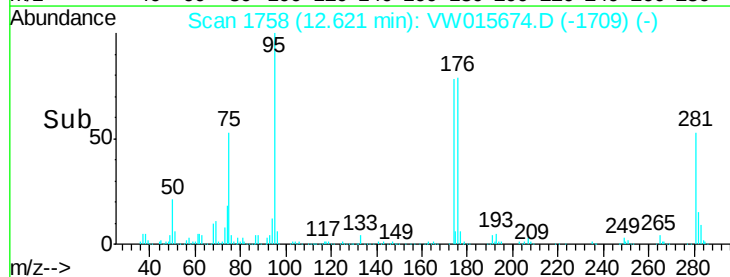
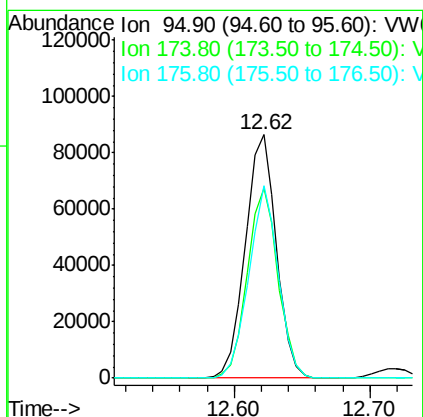
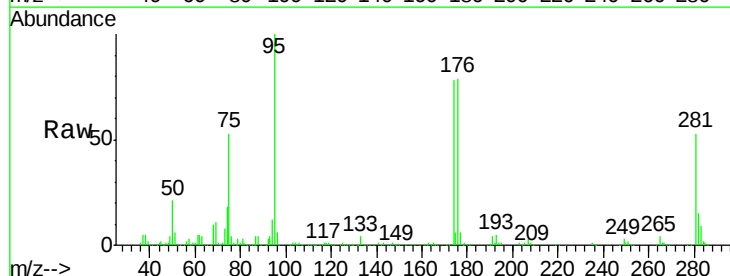
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBS01

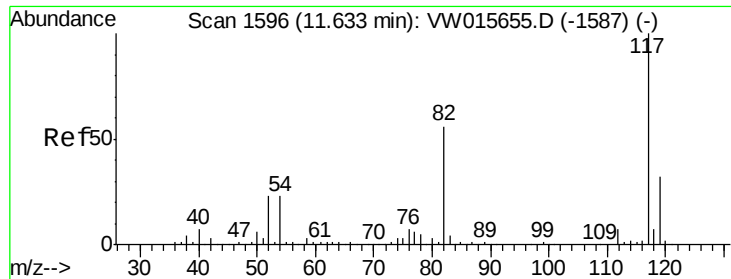
Tgt Ion: 107 Resp: 28271
 Ion Ratio Lower Upper
 107 100
 109 94.4 74.9 112.3



#62
 4-Bromofluorobenzene
 Concen: 46.479 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW015674.D
 Acq: 24 Jun 2020 11:28

Tgt Ion: 95 Resp: 138058
 Ion Ratio Lower Upper
 95 100
 174 77.3 0.0 157.0
 176 75.3 0.0 151.4

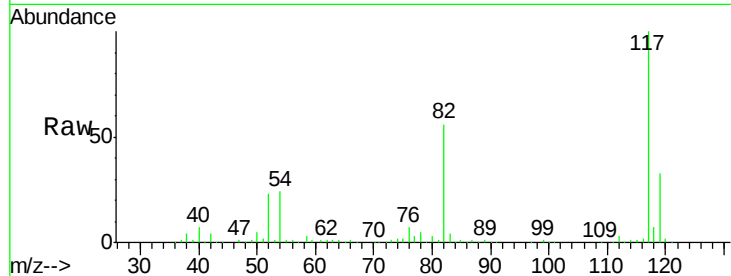




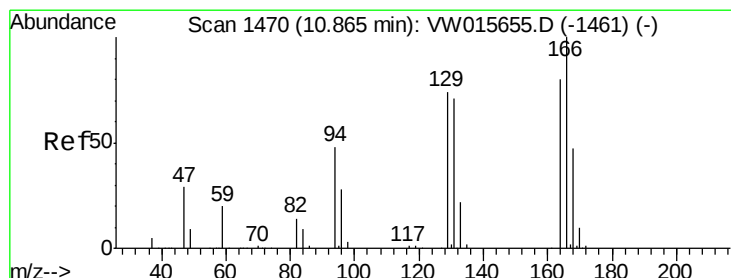
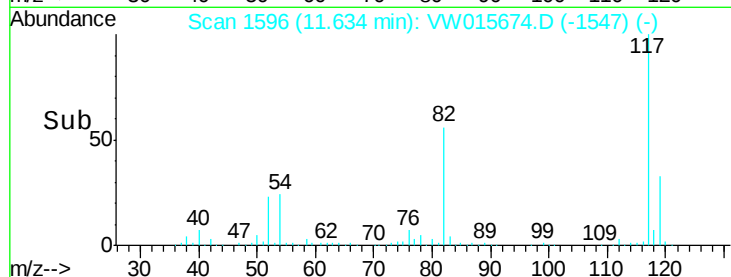
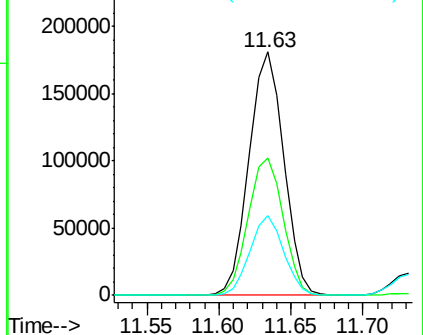
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015674.D
Acq: 24 Jun 2020 11:28

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBS01

Tgt Ion:117 Resp: 302051
Ion Ratio Lower Upper
117 100
82 56.3 45.1 67.7
119 32.8 25.8 38.8



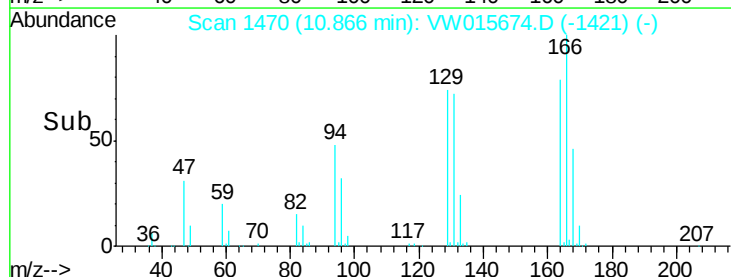
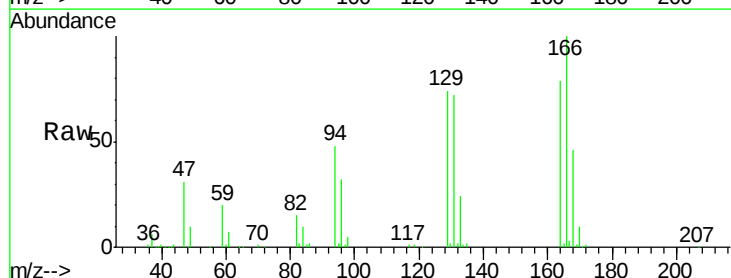
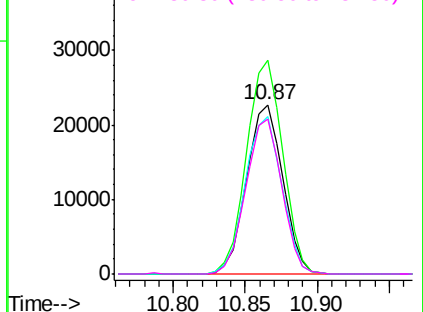
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

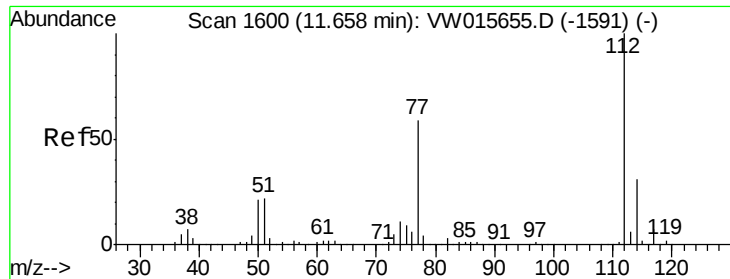


#64
Tetrachloroethene
Concen: 18.595 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW015674.D
Acq: 24 Jun 2020 11:28

Tgt Ion:164 Resp: 39459
Ion Ratio Lower Upper
164 100
166 126.4 99.9 149.9
129 93.5 74.2 111.2
131 91.5 71.4 107.0

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

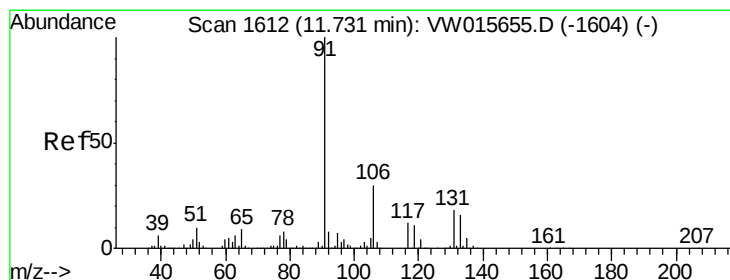
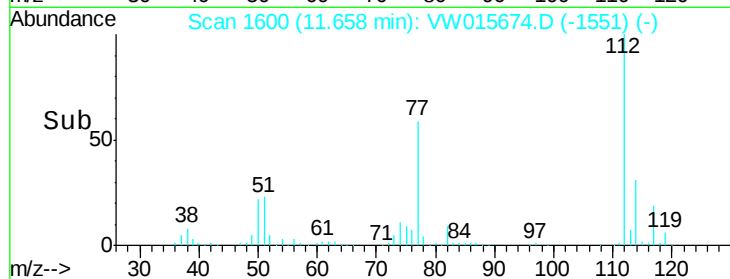
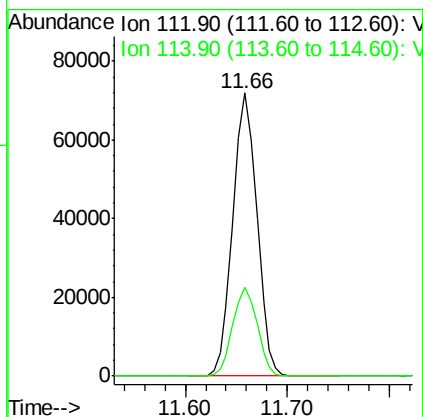
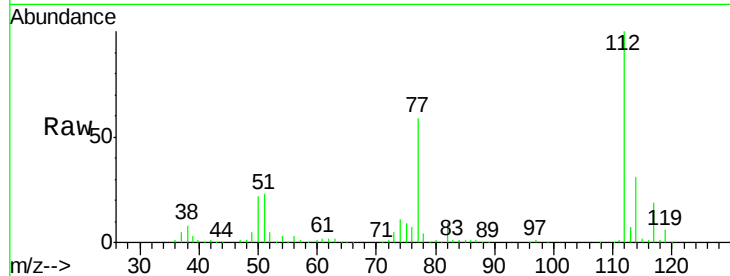




#65
Chlorobenzene
Concen: 18.528 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW015674.D
Acq: 24 Jun 2020 11:28

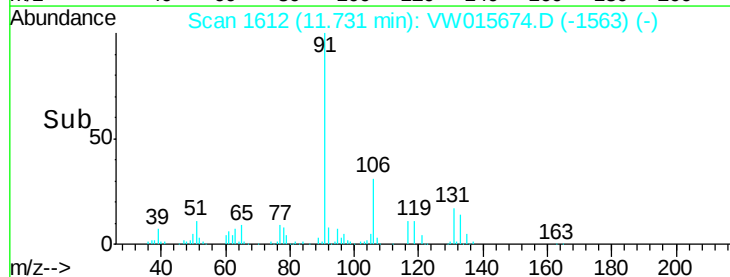
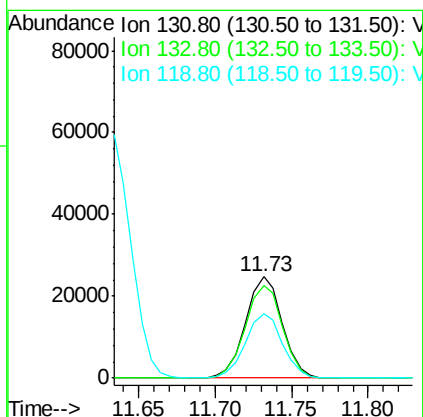
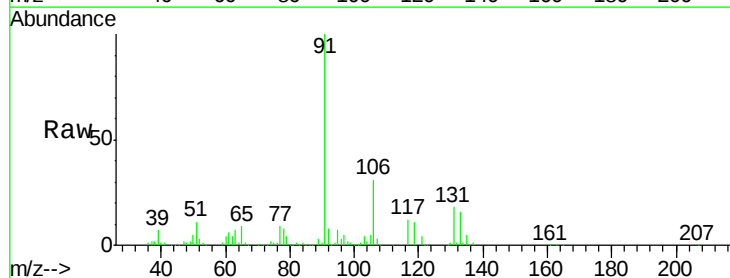
Instrument :
MSVOA_W
ClientSampleId :
VW0624SBS01

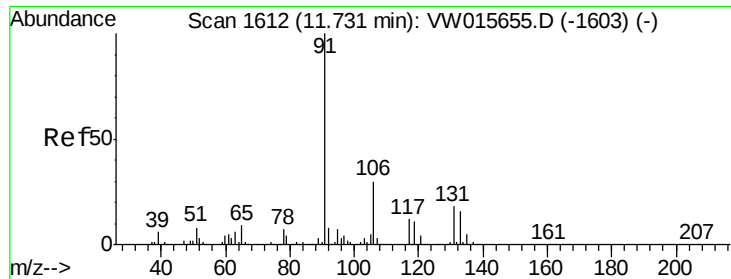
Tgt Ion:112 Resp: 117993
Ion Ratio Lower Upper
112 100
114 31.4 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 18.436 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015674.D
Acq: 24 Jun 2020 11:28

Tgt Ion:131 Resp: 41167
Ion Ratio Lower Upper
131 100
133 93.3 46.5 139.5
119 64.4 32.5 97.5

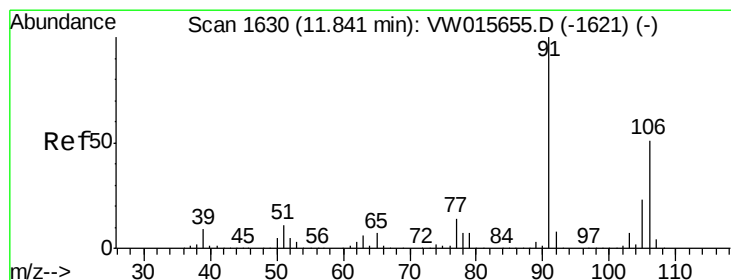
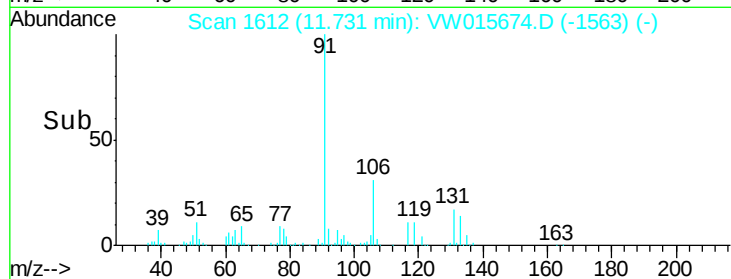
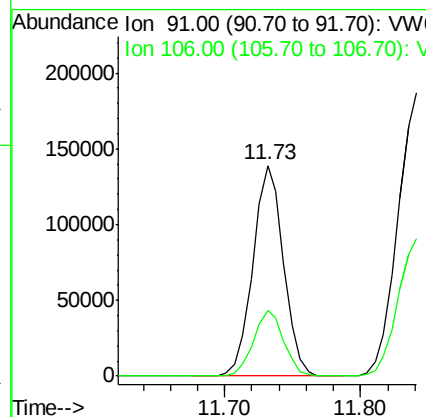
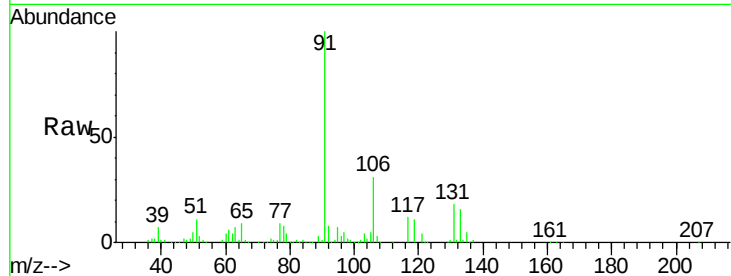




#67
Ethyl Benzene
Concen: 18.441 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015674.D
Acq: 24 Jun 2020 11:28

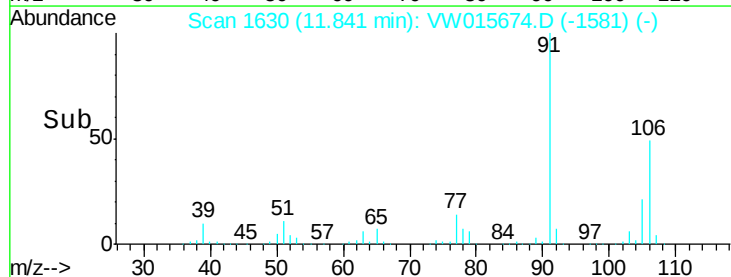
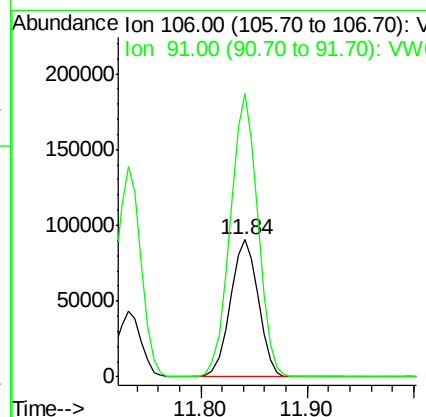
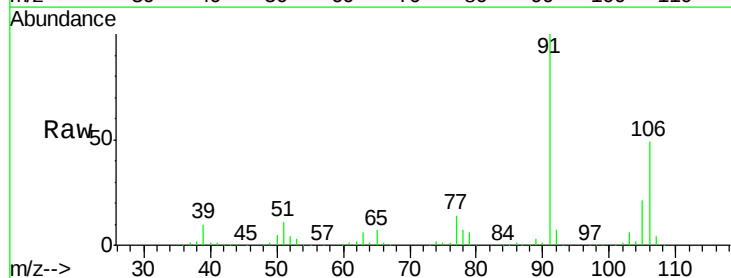
Instrument :
MSVOA_W
ClientSampleId :
VW0624SBS01

Tgt Ion: 91 Resp: 218558
Ion Ratio Lower Upper
91 100
106 31.0 24.1 36.1



#68
m/p-Xylenes
Concen: 37.353 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW015674.D
Acq: 24 Jun 2020 11:28

Tgt Ion: 106 Resp: 166235
Ion Ratio Lower Upper
106 100
91 203.5 162.6 244.0

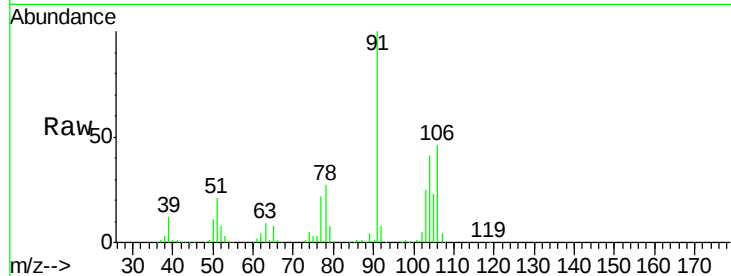




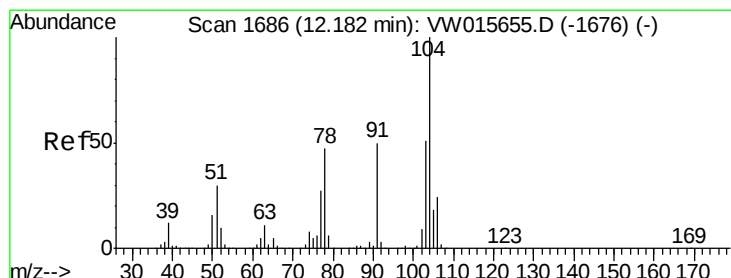
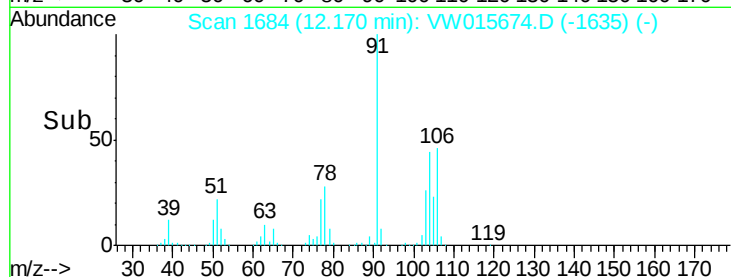
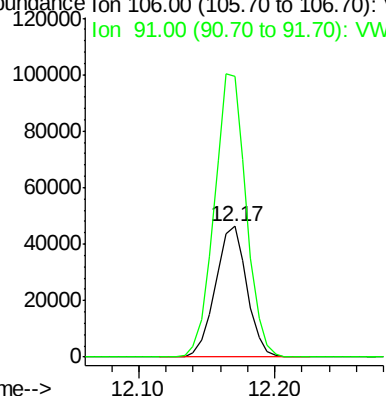
#69
o-Xylene
Concen: 18.295 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW015674.D
Acq: 24 Jun 2020 11:28

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBS01

Tgt Ion:106 Resp: 74863
Ion Ratio Lower Upper
106 100
91 218.4 108.3 324.9

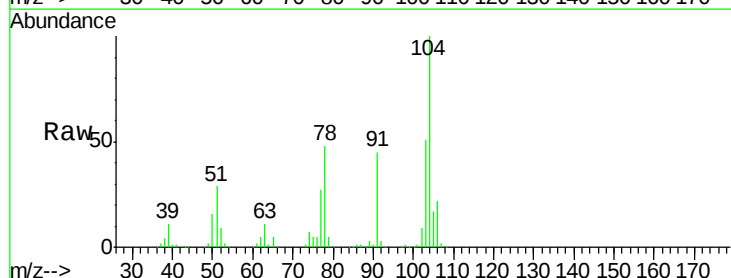


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

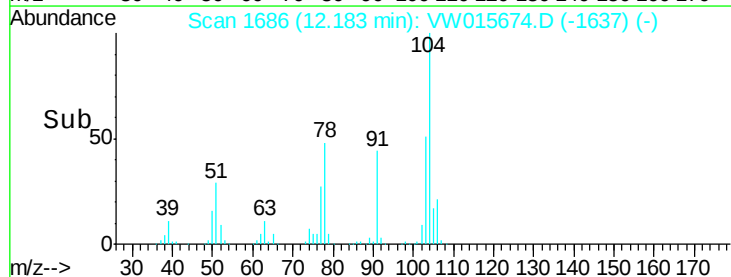
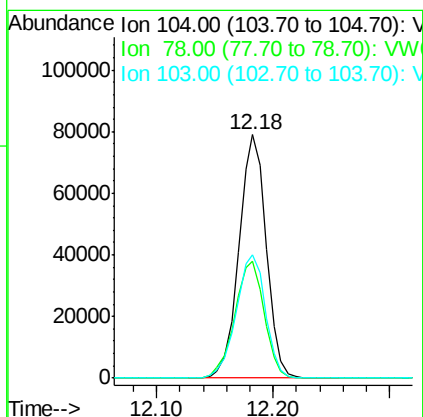


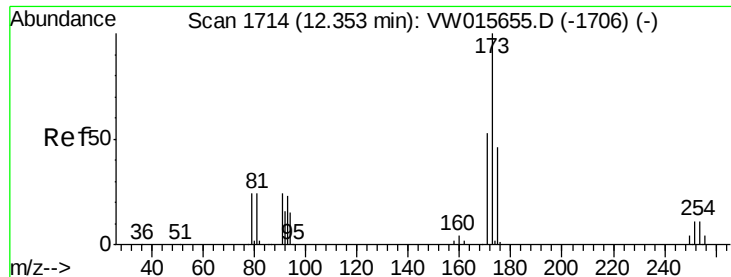
#70
Styrene
Concen: 18.366 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW015674.D
Acq: 24 Jun 2020 11:28

Tgt Ion:104 Resp: 128405
Ion Ratio Lower Upper
104 100
78 52.5 40.9 61.3
103 55.0 43.1 64.7



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





#71

Bromoform

Concen: 16.656 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.01 min

Lab File: VW015674.D

Acq: 24 Jun 2020 11:28

Instrument :

MSVOA_W

ClientSampleId :

VW0624SBS01

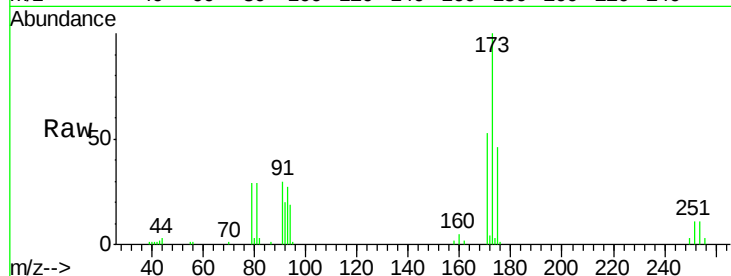
Tgt Ion:173 Resp: 17112

Ion Ratio Lower Upper

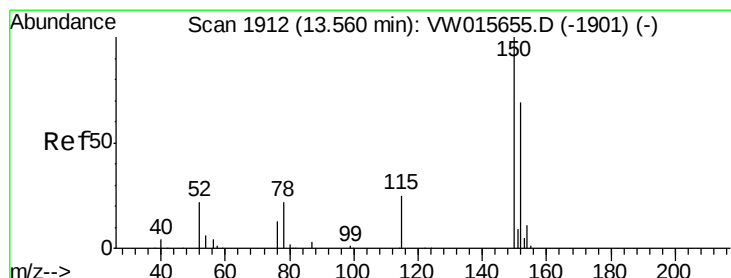
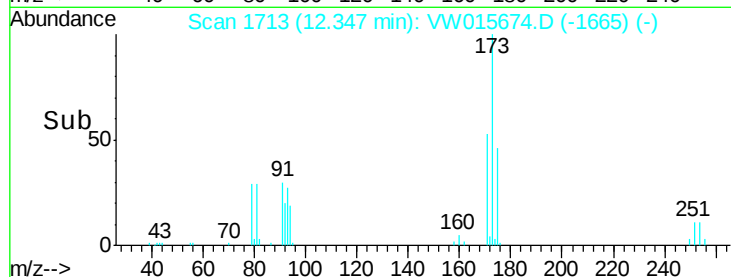
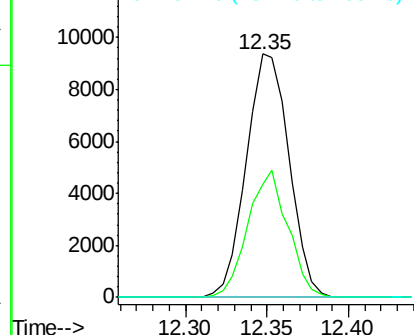
173 100

175 48.9 23.5 70.6

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW015674.D

Acq: 24 Jun 2020 11:28

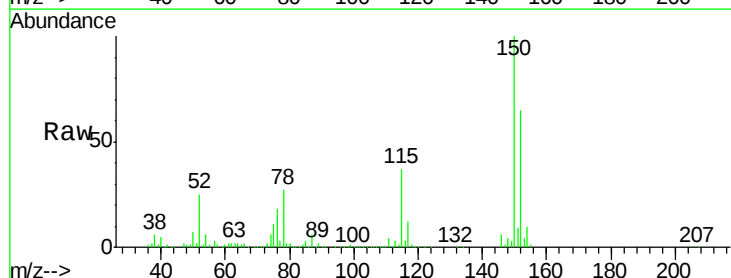
Tgt Ion:152 Resp: 154422

Ion Ratio Lower Upper

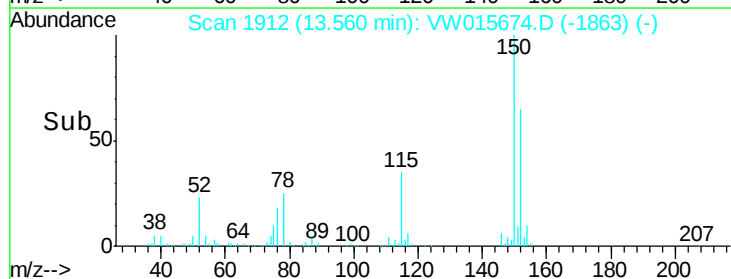
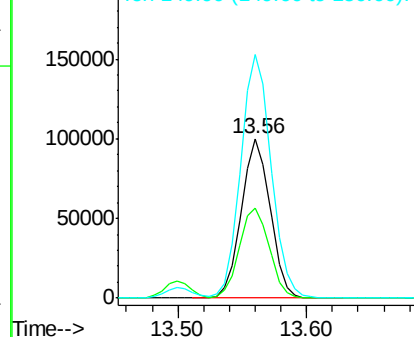
152 100

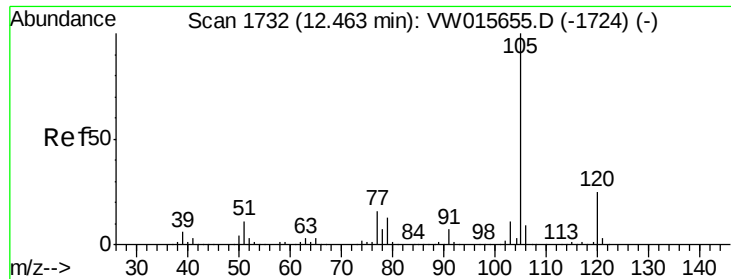
115 58.7 30.1 90.5

150 161.3 0.0 345.6



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: 17.973 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW015674.D

Acq: 24 Jun 2020 11:28

Instrument :

MSVOA_W

ClientSampleId :

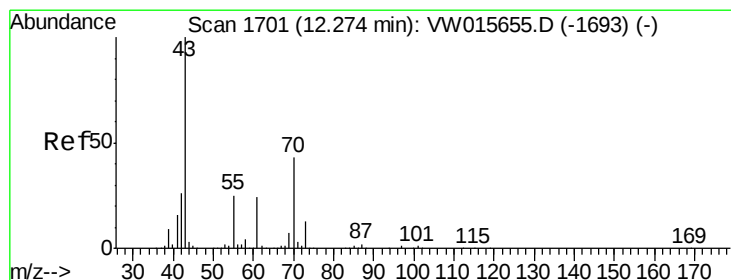
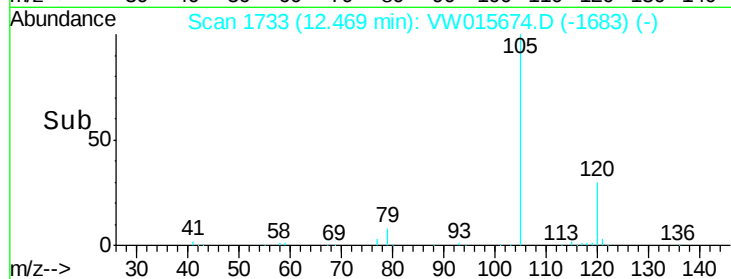
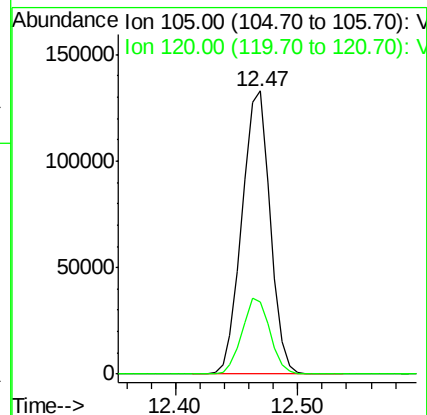
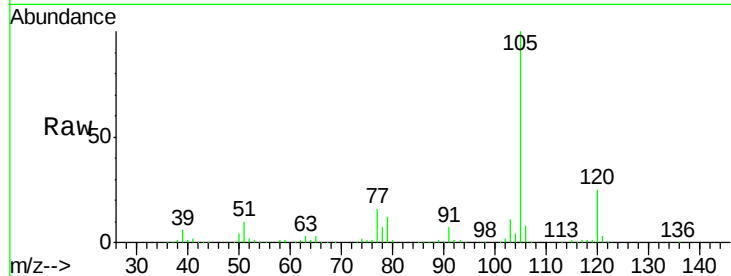
VW0624SBS01

Tgt Ion: 105 Resp: 211725

Ion Ratio Lower Upper

105 100

120 26.5 12.9 38.7



#74

N-ethyl acetate

Concen: 17.040 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW015674.D

Acq: 24 Jun 2020 11:28

Tgt Ion: 43 Resp: 42553

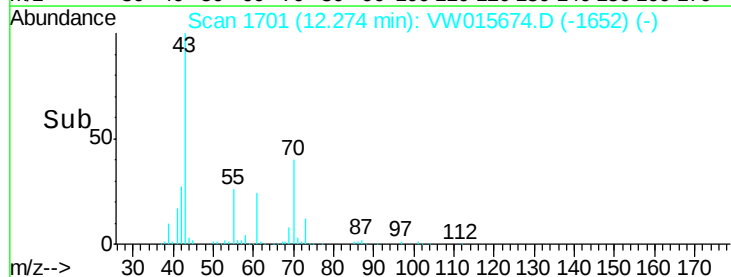
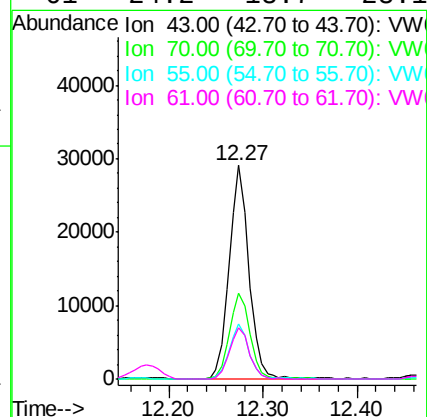
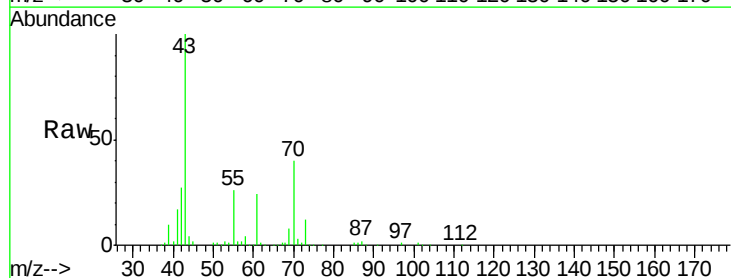
Ion Ratio Lower Upper

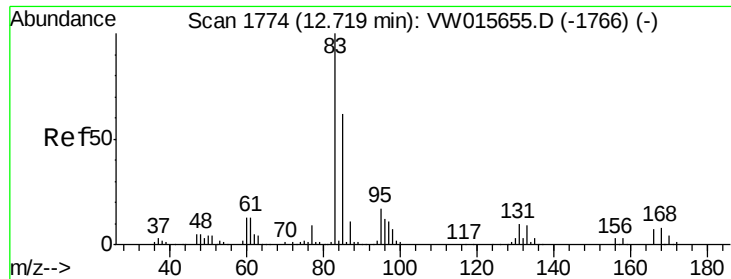
43 100

70 41.3 33.6 50.4

55 25.4 19.7 29.5

61 24.2 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 17.715 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW015674.D

Acq: 24 Jun 2020 11:28

Instrument :

MSVOA_W

ClientSampleId :

VW0624SBS01

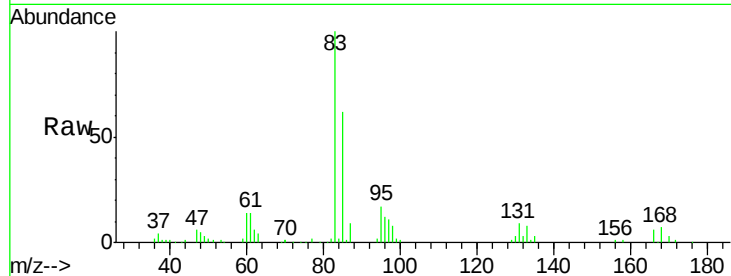
Tgt Ion: 83 Resp: 33384

Ion Ratio Lower Upper

83 100

131 10.5 5.5 16.4

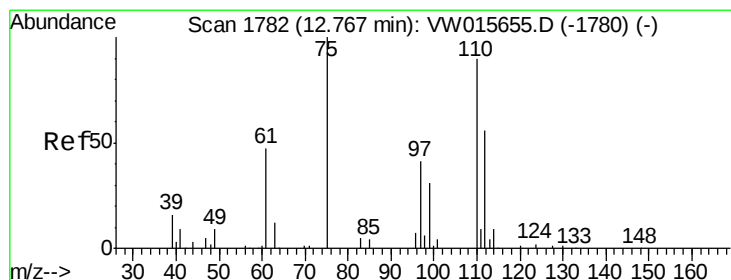
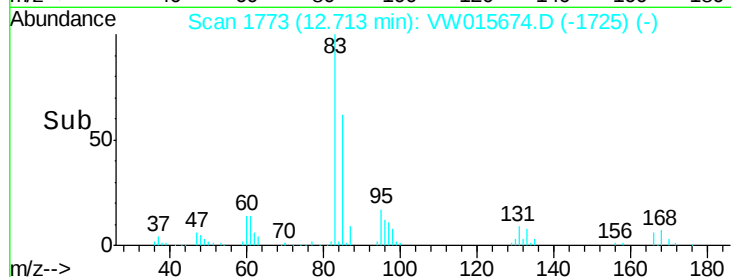
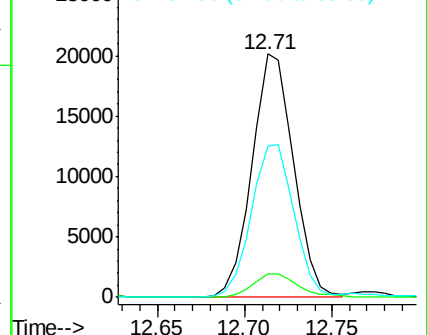
85 64.4 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 31.113 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW015674.D

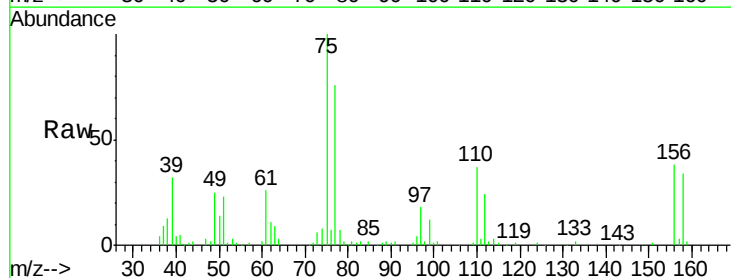
Acq: 24 Jun 2020 11:28

Tgt Ion: 75 Resp: 43825

Ion Ratio Lower Upper

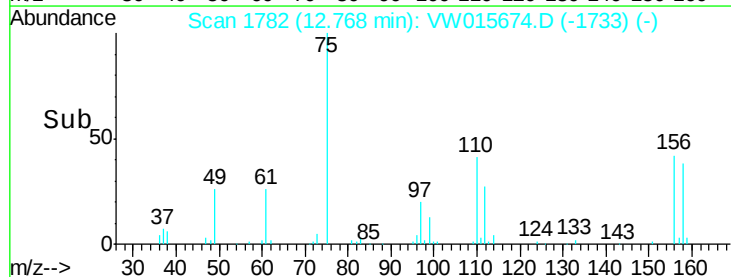
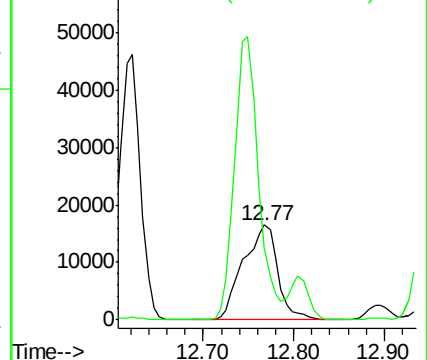
75 100

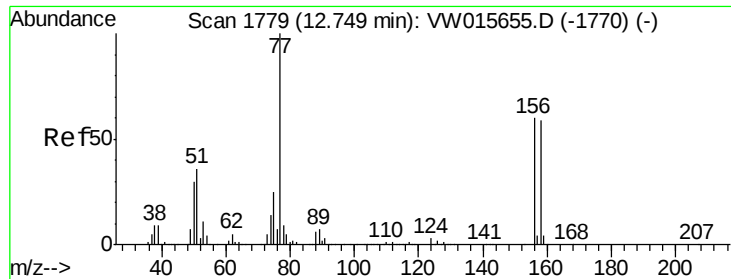
77 207.4 179.1 537.1



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

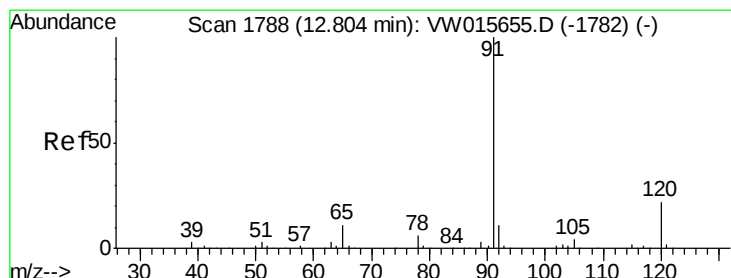
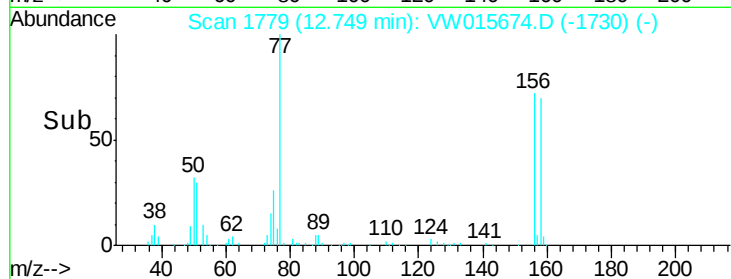
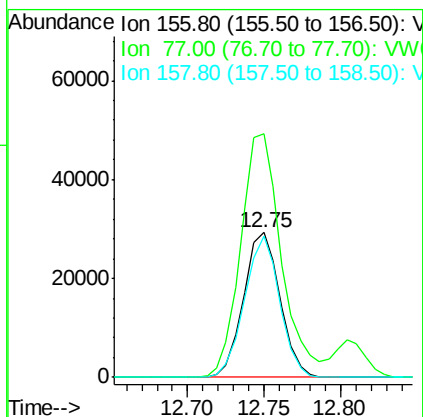
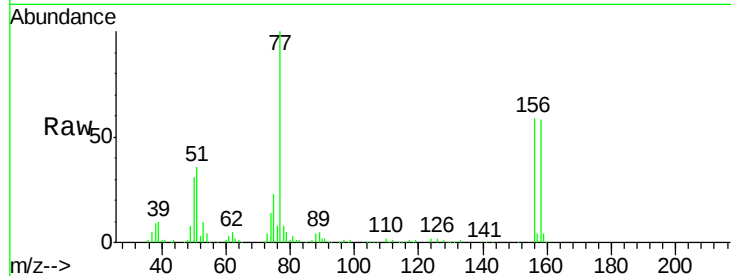




#77
Bromobenzene
Concen: 18.447 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. 0.00 min
Lab File: VW015674.D
Acq: 24 Jun 2020 11:28

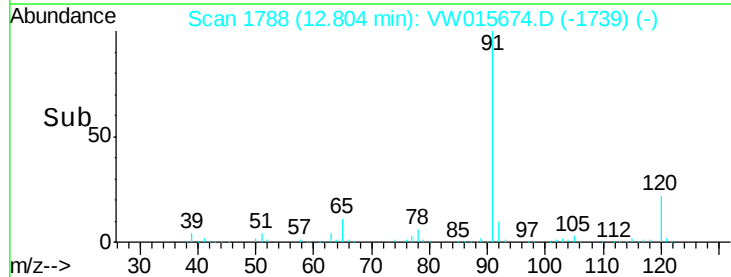
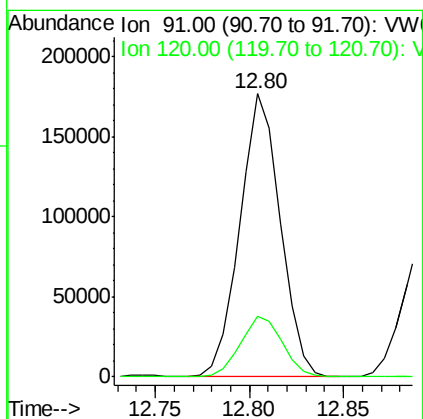
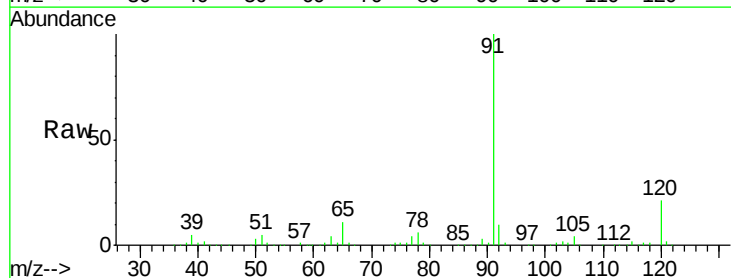
Instrument :
MSVOA_W
ClientSampleId :
VW0624SBS01

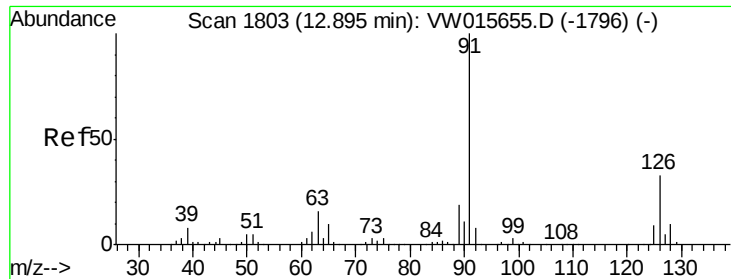
Tgt Ion:156 Resp: 48454
Ion Ratio Lower Upper
156 100
77 187.6 94.5 283.5
158 94.1 47.9 143.6



#78
n-propylbenzene
Concen: 18.489 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. 0.00 min
Lab File: VW015674.D
Acq: 24 Jun 2020 11:28

Tgt Ion: 91 Resp: 262155
Ion Ratio Lower Upper
91 100
120 22.4 11.2 33.5

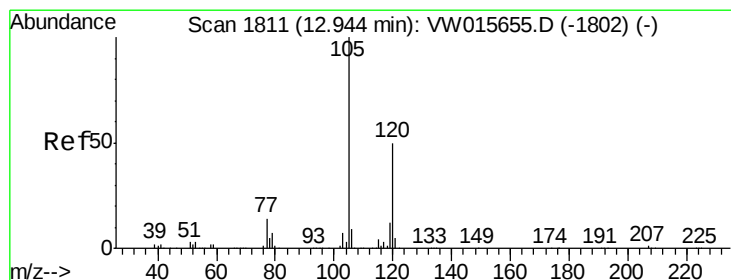
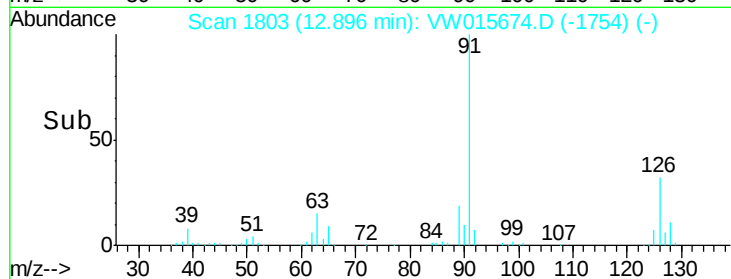
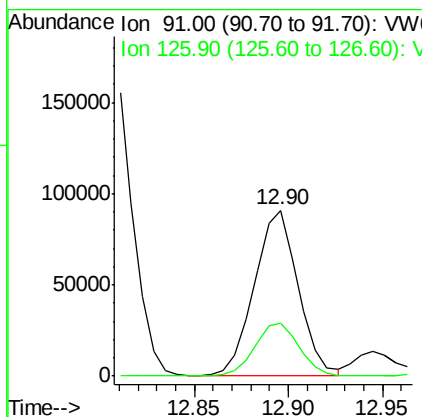
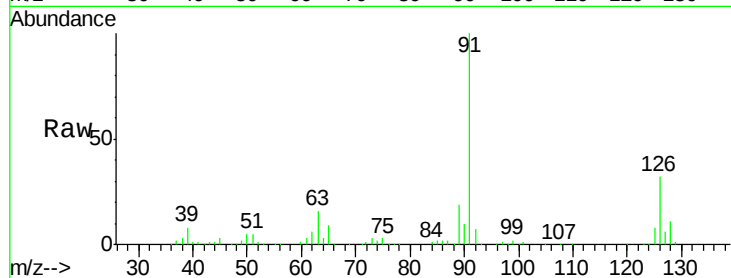




#79
 2-Chlorotoluene
 Concen: 18.265 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW015674.D
 Acq: 24 Jun 2020 11:28

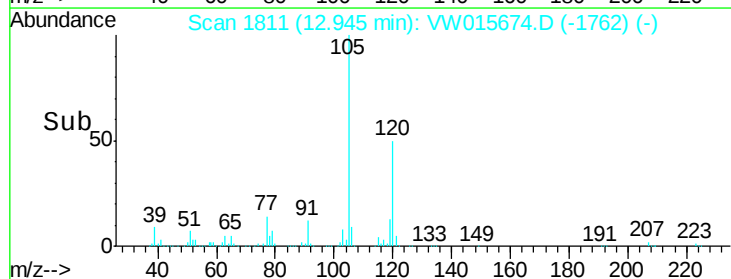
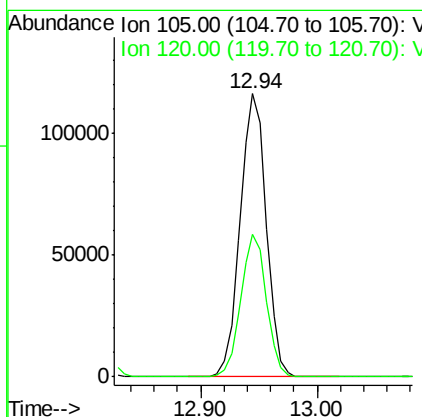
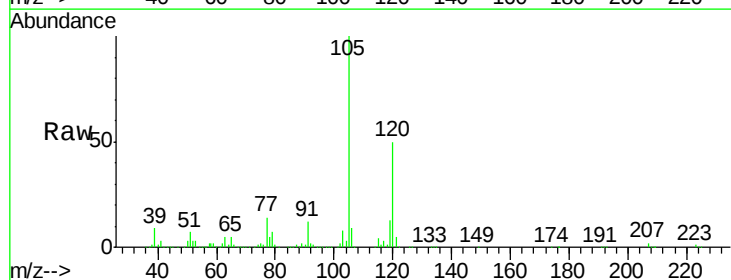
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBS01

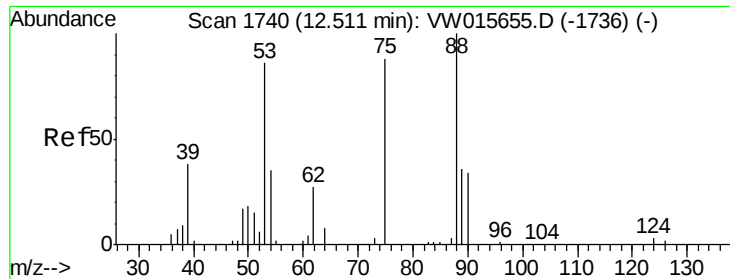
Tgt Ion: 91 Resp: 145825
 Ion Ratio Lower Upper
 91 100
 126 32.6 16.6 49.8



#80
 1,3,5-Trimethylbenzene
 Concen: 18.243 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW015674.D
 Acq: 24 Jun 2020 11:28

Tgt Ion: 105 Resp: 182097
 Ion Ratio Lower Upper
 105 100
 120 49.1 24.4 73.2

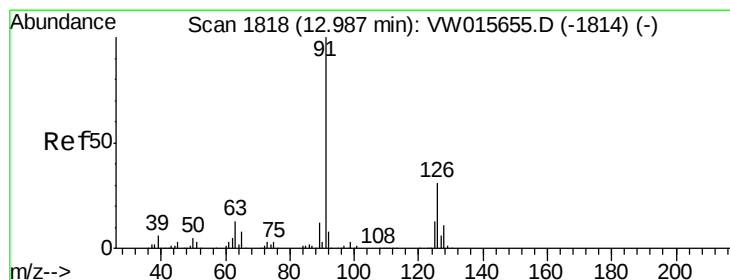
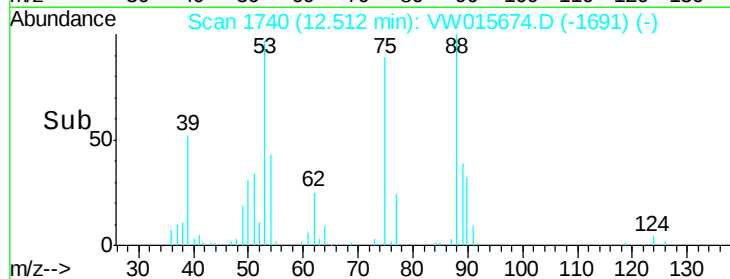
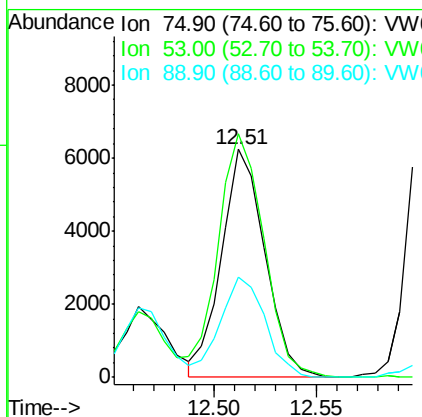
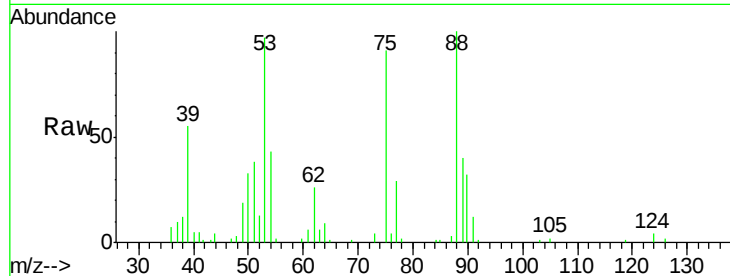




#81
trans-1,4-Dichloro-2-butene
Concen: 16.472 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW015674.D
Acq: 24 Jun 2020 11:28

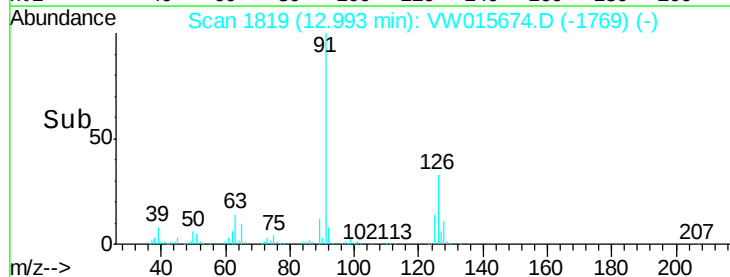
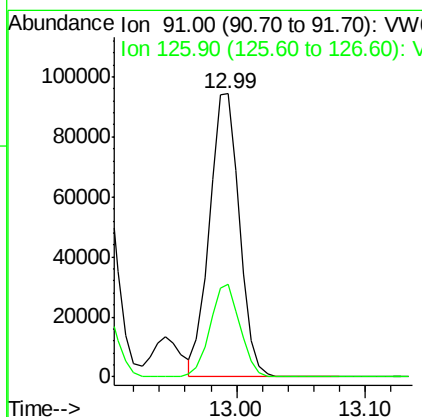
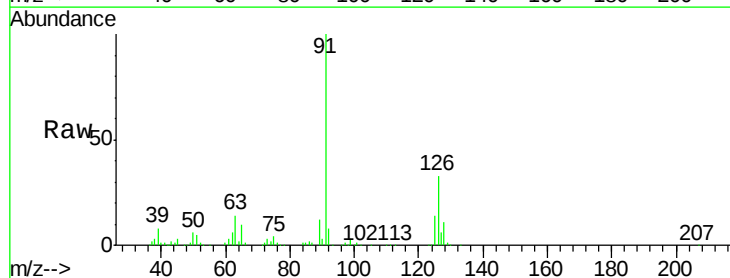
Instrument :
MSVOA_W
ClientSampleId :
VW0624SBS01

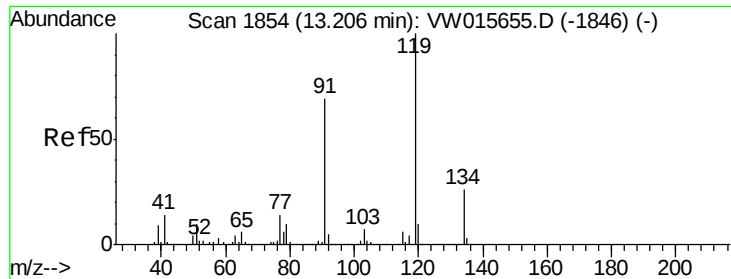
Tgt Ion: 75 Resp: 9207
Ion Ratio Lower Upper
75 100
53 114.2 83.8 125.8
89 45.6 36.6 55.0



#82
4-Chlorotoluene
Concen: 18.214 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.01 min
Lab File: VW015674.D
Acq: 24 Jun 2020 11:28

Tgt Ion: 91 Resp: 153846
Ion Ratio Lower Upper
91 100
126 32.7 16.3 48.9

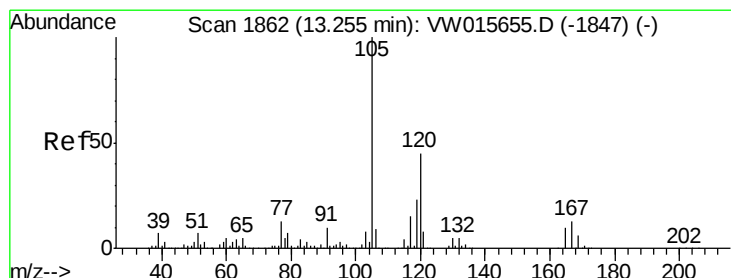
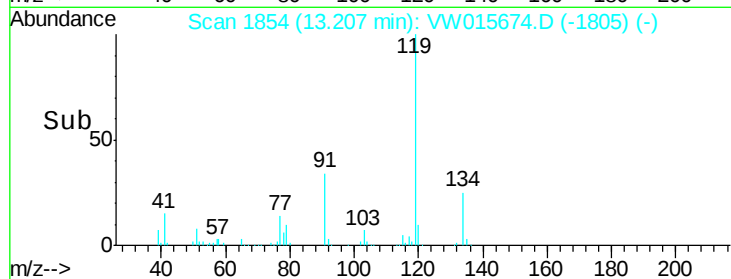
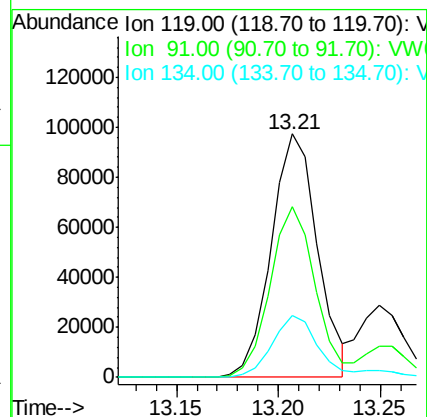
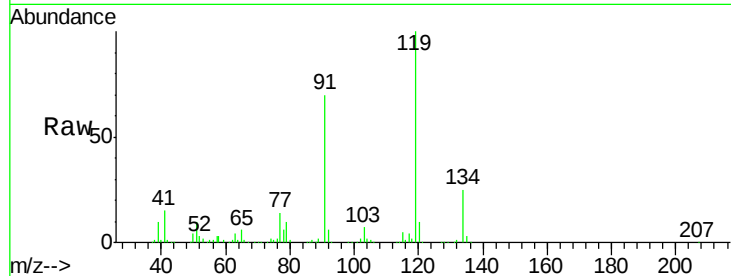




#83
tert-Butylbenzene
Concen: 18.277 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW015674.D
Acq: 24 Jun 2020 11:28

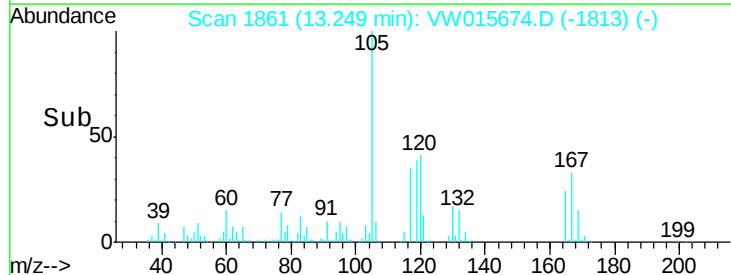
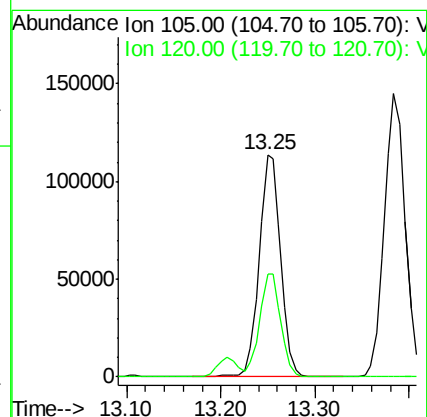
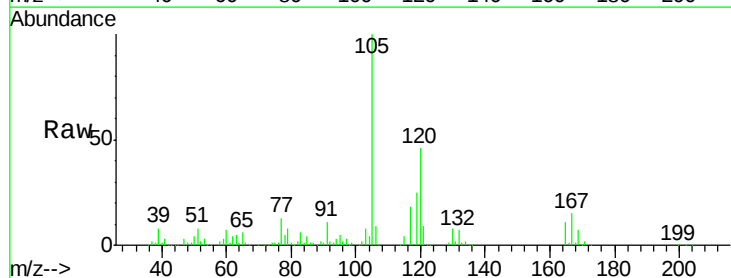
Instrument :
MSVOA_W
ClientSampleId :
VW0624SBS01

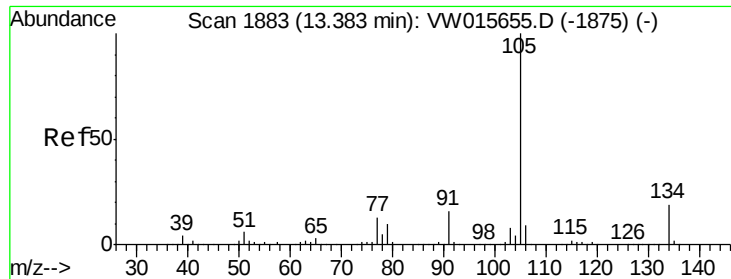
Tgt Ion:119 Resp: 154140
Ion Ratio Lower Upper
119 100
91 69.1 34.7 104.1
134 24.8 13.8 41.4



#84
1,2,4-Trimethylbenzene
Concen: 18.280 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.01 min
Lab File: VW015674.D
Acq: 24 Jun 2020 11:28

Tgt Ion:105 Resp: 181962
Ion Ratio Lower Upper
105 100
120 45.7 22.8 68.3

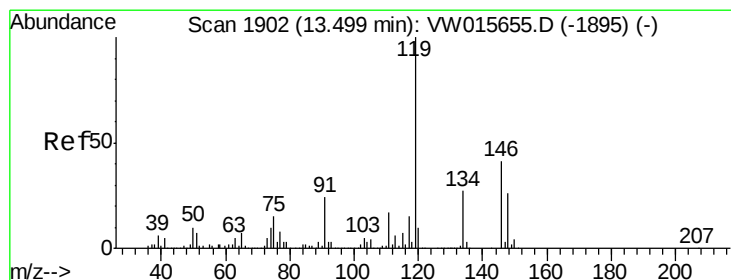
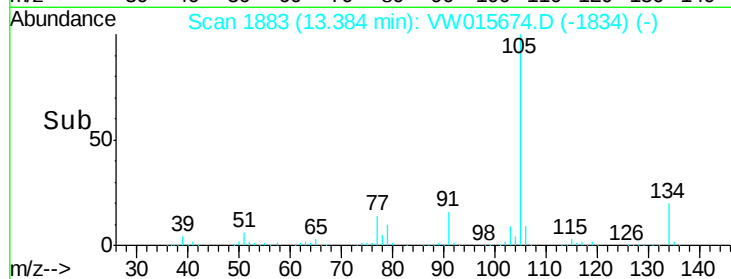
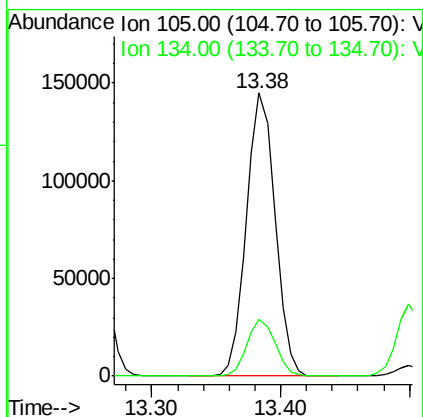
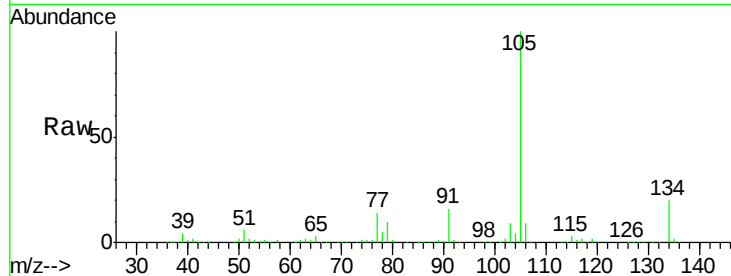




#85
 sec-Butylbenzene
 Concen: 18.470 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW015674.D
 Acq: 24 Jun 2020 11:28

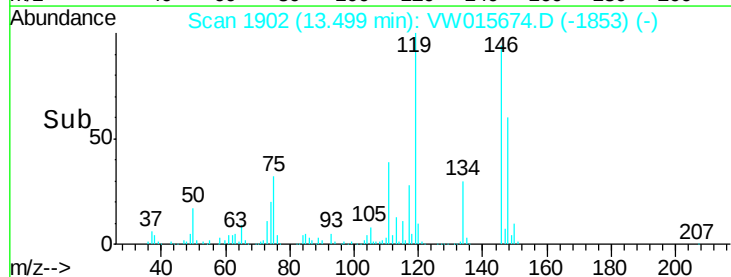
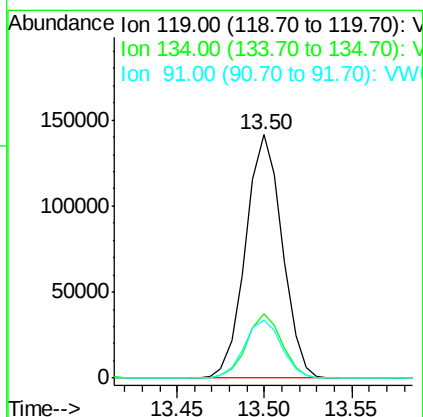
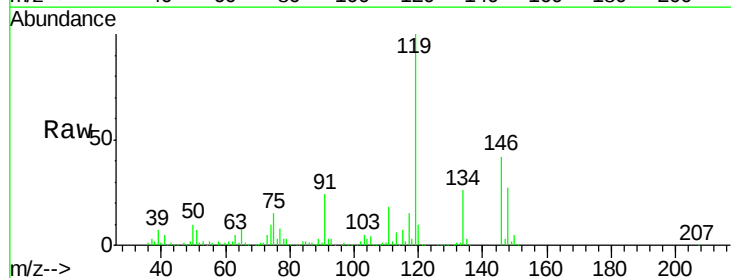
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBS01

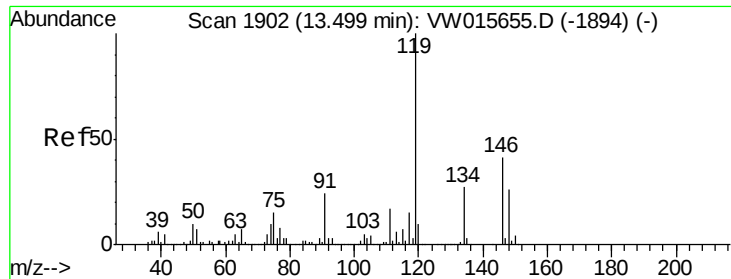
Tgt Ion:105 Resp: 222626
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 18.806 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW015674.D
 Acq: 24 Jun 2020 11:28

Tgt Ion:119 Resp: 205949
 Ion Ratio Lower Upper
 119 100
 134 25.4 13.5 40.4
 91 24.1 12.3 36.8

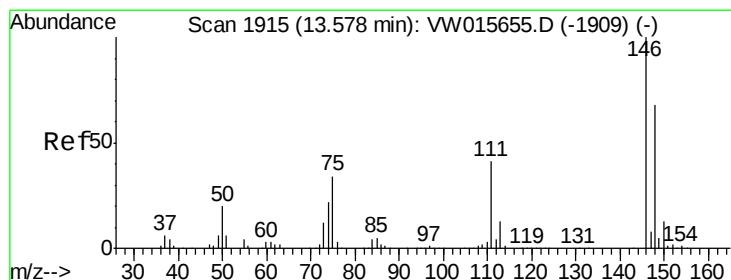
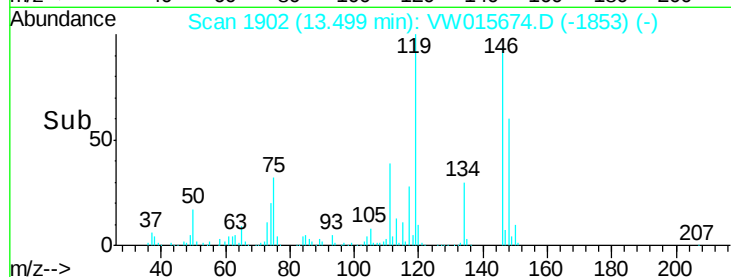
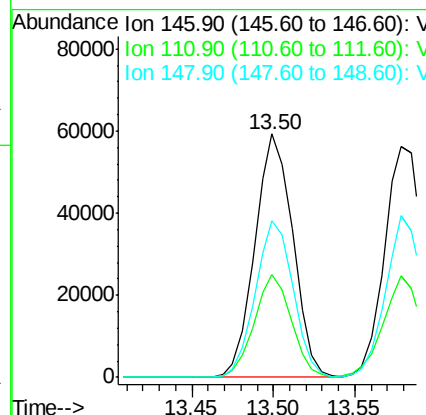
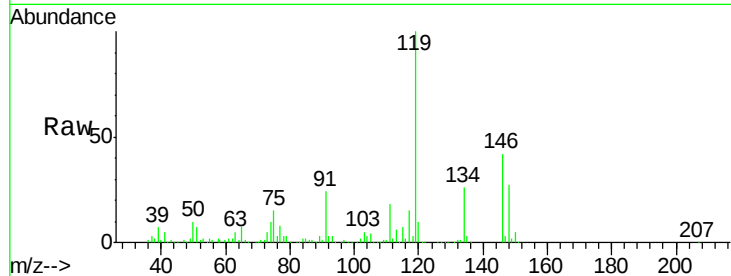




#87
 1,3-Dichlorobenzene
 Concen: 18.447 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW015674.D
 Acq: 24 Jun 2020 11:28

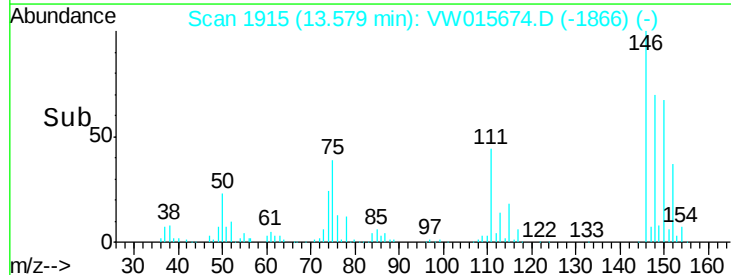
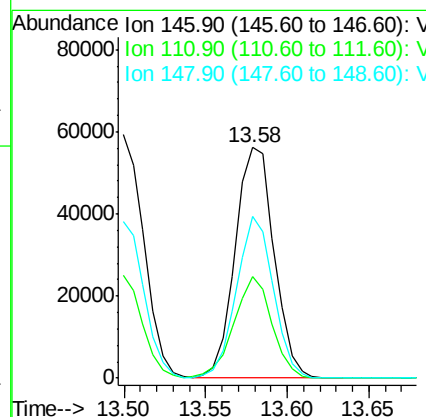
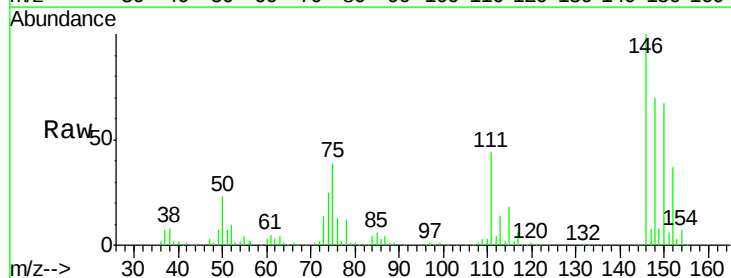
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBS01

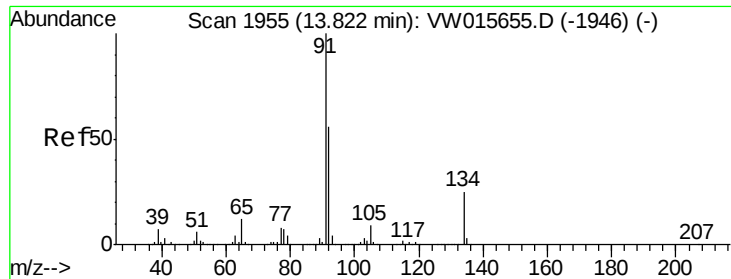
Tgt Ion:146 Resp: 96190
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.3 60.8
 148 63.9 31.6 94.7



#88
 1,4-Dichlorobenzene
 Concen: 18.055 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW015674.D
 Acq: 24 Jun 2020 11:28

Tgt Ion:146 Resp: 93240
 Ion Ratio Lower Upper
 146 100
 111 43.0 20.3 60.9
 148 66.9 33.7 101.1





#89

n-Butylbenzene

Concen: 18.658 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW015674.D

Acq: 24 Jun 2020 11:28

Instrument :

MSVOA_W

ClientSampleId :

VW0624SBS01

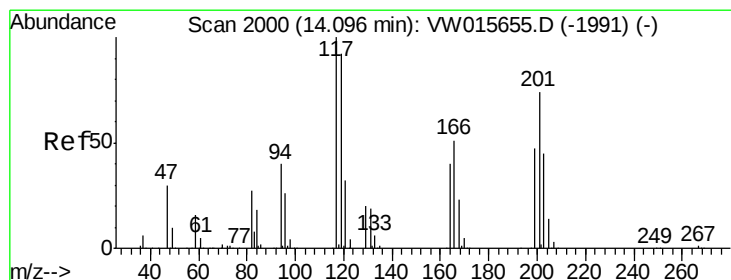
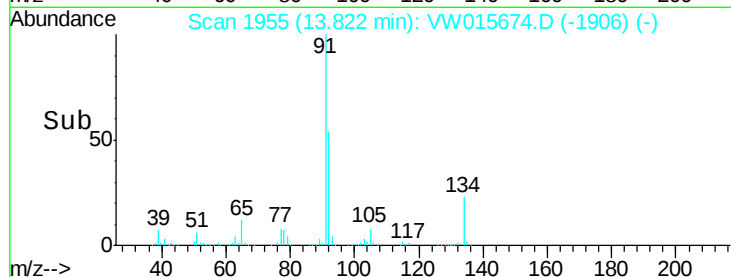
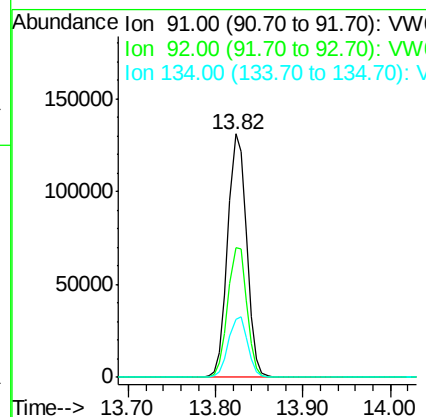
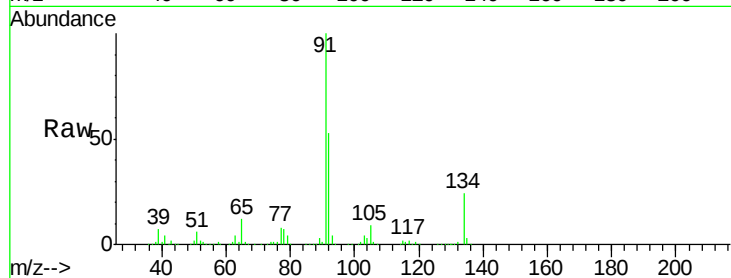
Tgt Ion: 91 Resp: 196143

Ion Ratio Lower Upper

91 100

92 53.8 27.5 82.4

134 25.3 13.0 38.9



#90

Hexachloroethane

Concen: 17.796 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW015674.D

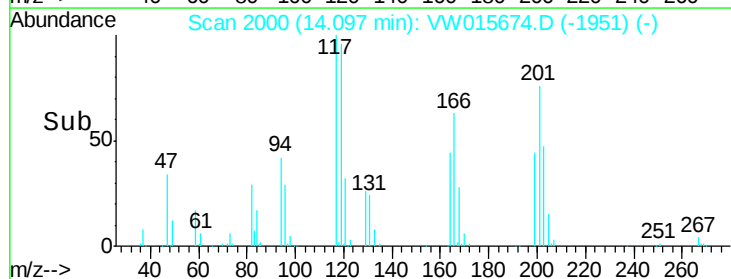
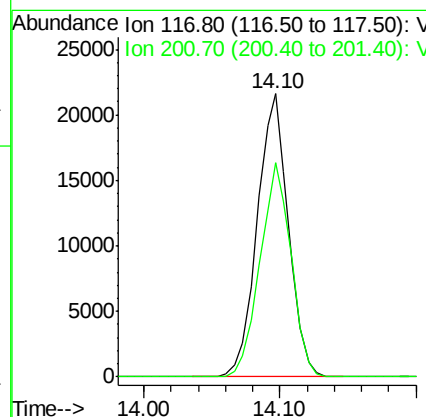
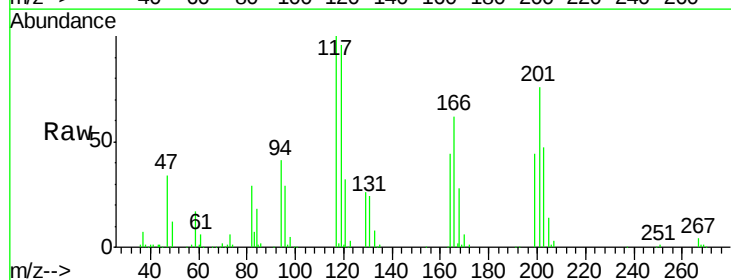
Acq: 24 Jun 2020 11:28

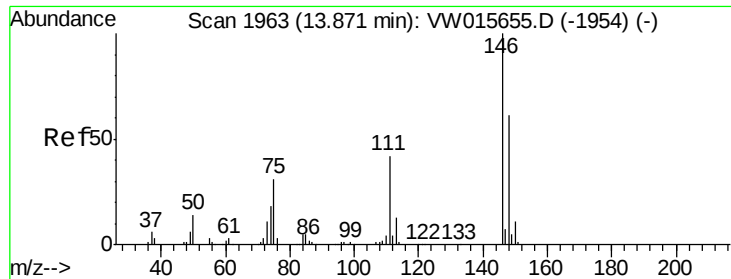
Tgt Ion: 117 Resp: 34683

Ion Ratio Lower Upper

117 100

201 75.4 37.1 111.5





#91

1,2-Dichlorobenzene

Concen: 18.386 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW015674.D

Acq: 24 Jun 2020 11:28

Instrument :

MSVOA_W

ClientSampleId :

VW0624SBS01

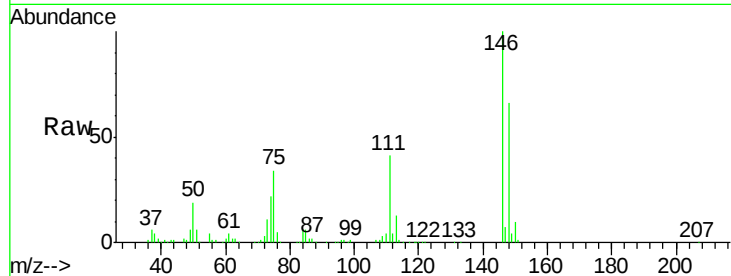
Tgt Ion:146 Resp: 82895

Ion Ratio Lower Upper

146 100

111 42.0 21.3 63.7

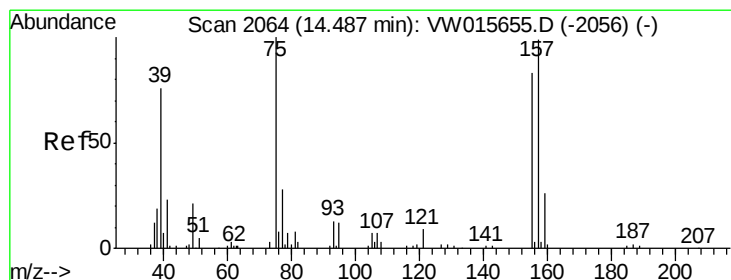
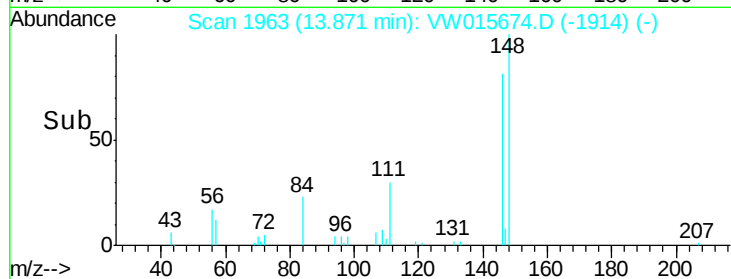
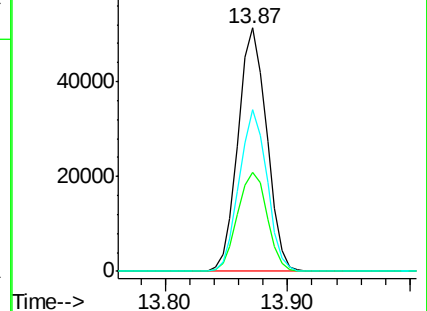
148 64.8 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.454 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VW015674.D

Acq: 24 Jun 2020 11:28

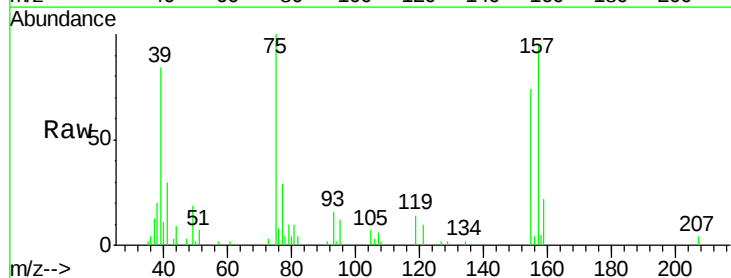
Tgt Ion: 75 Resp: 5267

Ion Ratio Lower Upper

75 100

155 72.1 40.8 122.2

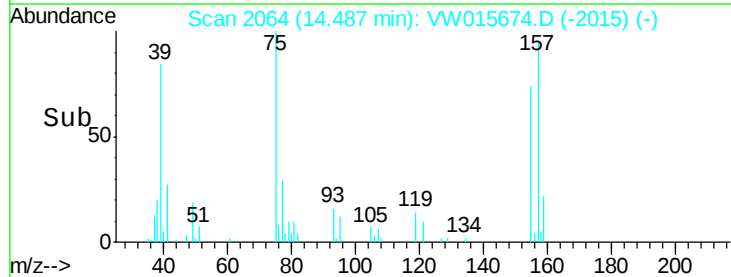
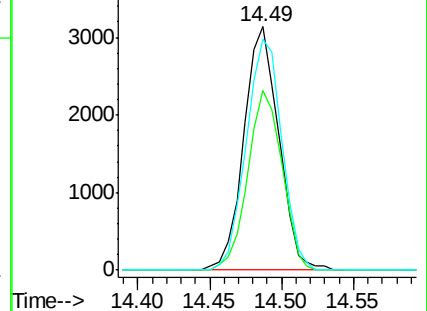
157 96.6 50.7 152.1

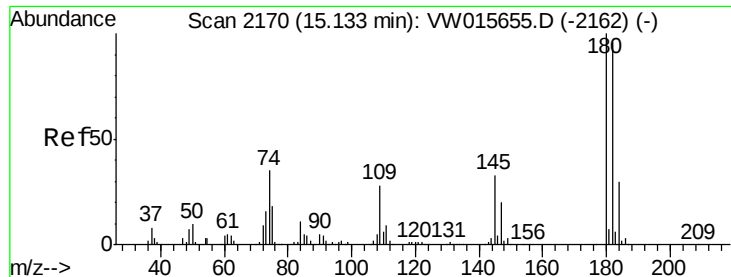


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

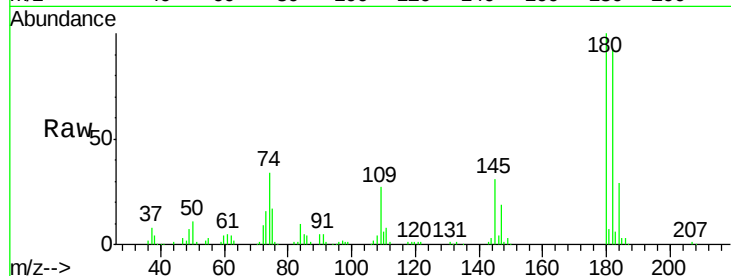




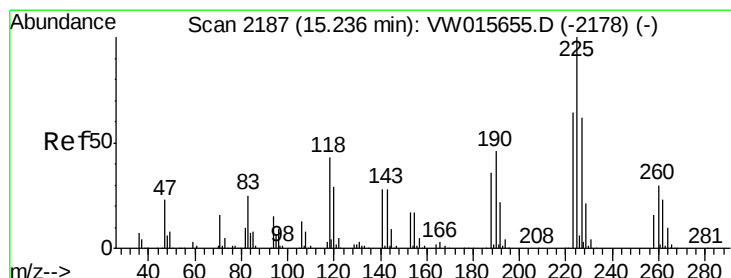
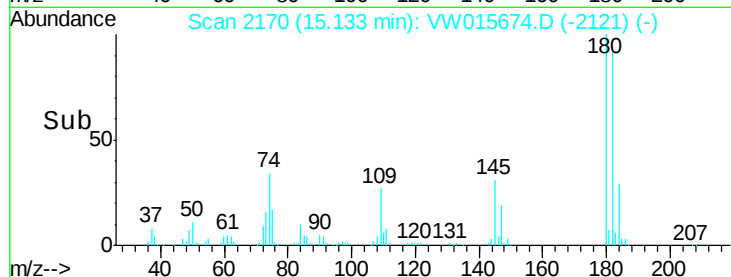
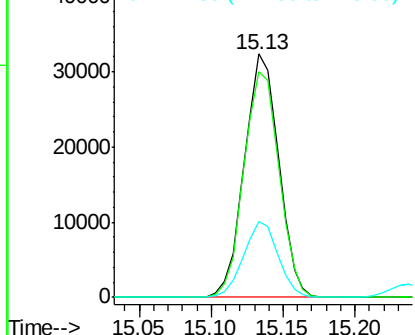
#93
1,2,4-Trichlorobenzene
Concen: 17.958 ug/l
RT: 15.13 min Scan# 2170
Delta R.T. 0.00 min
Lab File: VW015674.D
Acq: 24 Jun 2020 11:28

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBS01

Tgt Ion:180 Resp: 53466
Ion Ratio Lower Upper
180 100
182 95.2 47.9 143.6
145 31.3 15.6 46.7

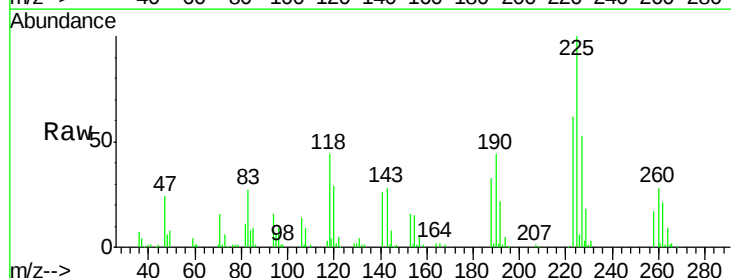


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

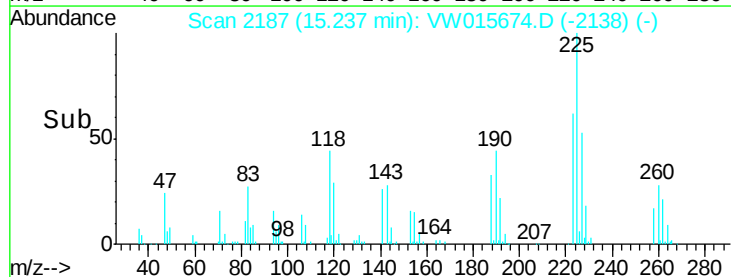
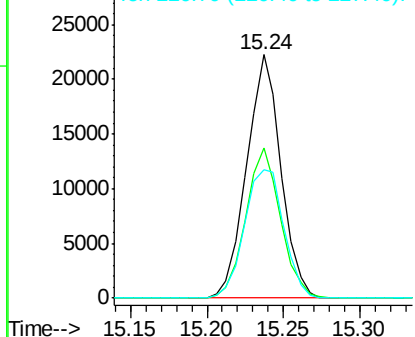


#94
Hexachlorobutadiene
Concen: 18.249 ug/l
RT: 15.24 min Scan# 2187
Delta R.T. 0.00 min
Lab File: VW015674.D
Acq: 24 Jun 2020 11:28

Tgt Ion:225 Resp: 34613
Ion Ratio Lower Upper
225 100
223 62.5 31.0 93.0
227 60.6 31.9 95.9



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

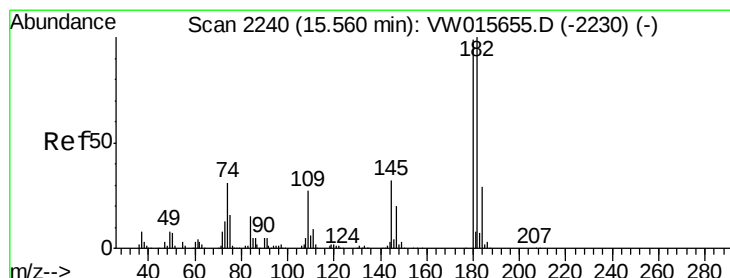
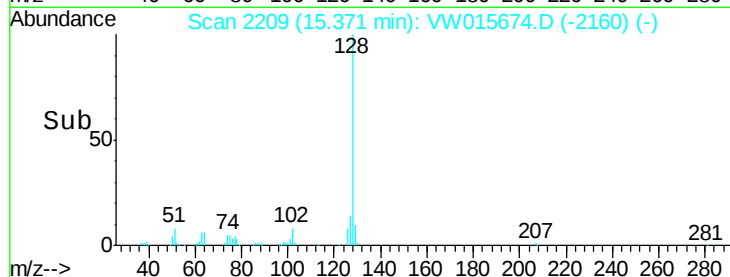
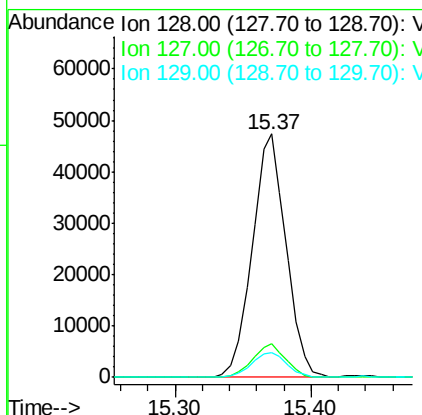
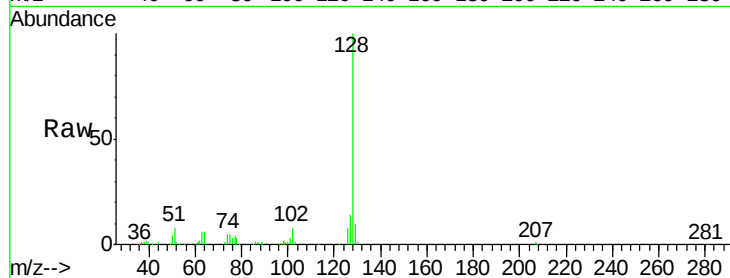




#95
Naphthalene
Concen: 16.677 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW015674.D
Acq: 24 Jun 2020 11:28

Instrument :
MSVOA_W
ClientSampleId :
VW0624SBS01

Tgt Ion:128 Resp: 82123
Ion Ratio Lower Upper
128 100
127 13.5 10.5 15.7
129 10.6 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 17.793 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW015674.D
Acq: 24 Jun 2020 11:28

Tgt Ion:180 Resp: 45610
Ion Ratio Lower Upper
180 100
182 92.4 49.0 147.0
145 32.1 16.4 49.2

