

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060722\
 Data File : VD073495.D
 Acq On : 07 Jun 2022 12:40
 Operator : VA/SY
 Sample : N3209-01
 Misc : 6.20G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-14B-4

Quant Time: Jun 08 06:43:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.973	168	209032	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	422672	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	328007	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.543	152	495673	50.000	ug/l	#-0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	129263	55.956	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.920%	
35) Dibromofluoromethane	7.908	113	139692	50.086	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.180%	
50) Toluene-d8	10.337	98	3002707	292.058	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 584.120%#	
62) 4-Bromofluorobenzene	12.626	95	2040284	565.473	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 1130.940%#	

Target Compounds			Qvalue			
5) Bromomethane	2.785	94	910	Below Cal	#	54
11) Tert butyl alcohol	5.208	59	2031	5.667	ug/l #	74
13) Acrolein	4.132	56	103055	764.635	ug/l #	77
14) Allyl chloride	4.944	41	1047609	308.947	ug/l #	59
15) Acrylonitrile	5.491	53	328631	684.871	ug/l #	40
16) Acetone	4.144	43	392344	980.534	ug/l #	79
17) Carbon Disulfide	4.408	76	55184	7.924	ug/l	97
18) Methyl Acetate	4.944	43	2569635	2309.473	ug/l #	55
20) Methylene Chloride	4.949	84	17501	3.155	ug/l #	1
25) 2-Butanone	7.202	43	285255	487.274	ug/l #	64
28) Bromochloromethane	7.696	49	6822	4.340	ug/l #	19
29) Tetrahydrofuran	7.555	42	1995	5.270	ug/l #	38
30) Chloroform	7.702	83	121955	25.602	ug/l #	1
31) Cyclohexane	7.979	56	319710	79.196	ug/l	86
37) Ethyl Acetate	7.202	43	285255	172.163	ug/l #	76
38) Carbon Tetrachloride	7.967	117	22256	5.234	ug/l #	17
39) Methylcyclohexane	9.355	83	22738688	4864.078	ug/l	90
40) Benzene	8.343	78	40792	3.374	ug/l	97
41) Methacrylonitrile	7.449	41	20244	20.971	ug/l #	63
42) 1,2-Dichloroethane	8.455	62	33181	9.864	ug/l #	1
43) Isopropyl Acetate	8.449	43	5202279	1698.683	ug/l #	54
44) Trichloroethene	9.108	130	7515	2.331	ug/l	77
45) 1,2-Dichloropropane	9.355	63	322666	105.982	ug/l #	1
46) Dibromomethane	9.420	93	5744	3.435	ug/l #	1
47) Bromodichloromethane	9.632	83	1025132	239.605	ug/l #	42
48) Methyl methacrylate	9.408	41	3172472	2058.979	ug/l #	40
49) 1,4-Dioxane	9.390	88	189	10.945	ug/l #	1
51) 4-Methyl-2-Pentanone	10.149	43	8571593	5388.835	ug/l #	40
52) Toluene	10.385	92	18084	2.367	ug/l #	1
53) t-1,3-Dichloropropene	10.637	75	5869	1.518	ug/l #	1
55) 1,1,2-Trichloroethane	10.773	97	12108472	5355.043	ug/l #	21
56) Ethyl methacrylate	10.637	69	6084771	2420.334	ug/l #	53
58) 2-Chloroethyl Vinyl ether	9.914	63	23403	39.520	ug/l #	48
59) 2-Hexanone	10.955	43	16650280	15877.472	ug/l #	33
60) Dibromochloromethane	11.061	129	64068	22.723	ug/l	59
61) 1,2-Dibromoethane	11.249	107	22614	10.466	ug/l #	3

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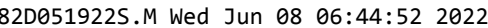
Instrument :
 MSVOA_D
 ClientSampleId :
 WC-14B-4

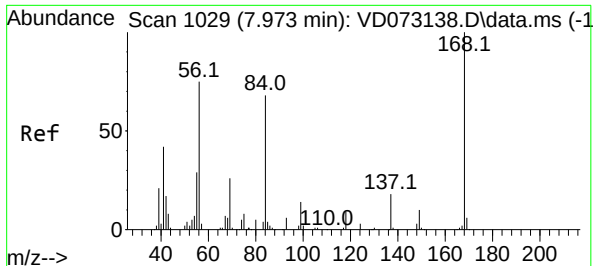
Quant Time: Jun 08 06:43:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
65) Chlorobenzene	11.673	112	107371	15.956	ug/l #	70
67) Ethyl Benzene	11.737	91	54673	4.628	ug/l #	62
68) m/p-Xylenes	11.849	106	14557	3.172	ug/l #	1
69) o-Xylene	12.173	106	26806	6.358	ug/l #	1
70) Styrene	12.355	104	9709	1.339	ug/l #	1
73) Isopropylbenzene	12.479	105	7369417	208.552	ug/l	99
74) N-amyl acetate	12.279	43	15940252	2067.834	ug/l #	45
75) 1,1,2,2-Tetrachloroethane	12.708	83	2241049	343.873	ug/l #	25
76) 1,2,3-Trichloropropane	12.814	75	76984	15.829	ug/l #	100
78) n-propylbenzene	12.814	91	9721001	219.130	ug/l	98
79) 2-Chlorotoluene	12.943	91	412411	16.101	ug/l #	42
80) 1,3,5-Trimethylbenzene	13.114	105	332142	11.096	ug/l	68
81) trans-1,4-Dichloro-2-b...	12.537	75	6697	3.306	ug/l #	7
82) 4-Chlorotoluene	12.943	91	402024	14.974	ug/l #	42
83) tert-Butylbenzene	13.214	119	1099613	43.588	ug/l	80
84) 1,2,4-Trimethylbenzene	13.114	105	332142	11.232	ug/l	73
85) sec-Butylbenzene	13.390	105	7725972	200.568	ug/l #	71
86) p-Isopropyltoluene	13.661	119	2032153	64.717	ug/l	89
89) n-Butylbenzene	13.831	91	3597929	120.256	ug/l	99
90) Hexachloroethane	14.108	117	1317765	202.819	ug/l #	17
92) 1,2-Dibromo-3-Chloropr...	14.508	75	22644	22.689	ug/l #	8
93) 1,2,4-Trichlorobenzene	15.149	180	27783	3.373	ug/l #	1
95) Naphthalene	15.337	128	61744	7.078	ug/l #	1
96) 1,2,3-Trichlorobenzene	15.537	180	27906	3.822	ug/l #	1

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

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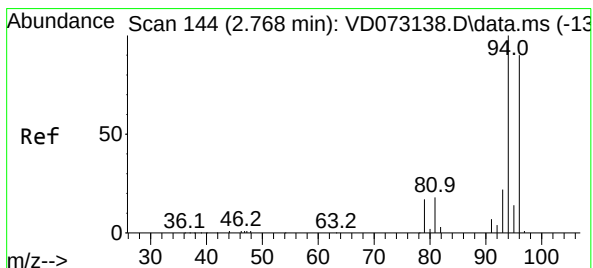
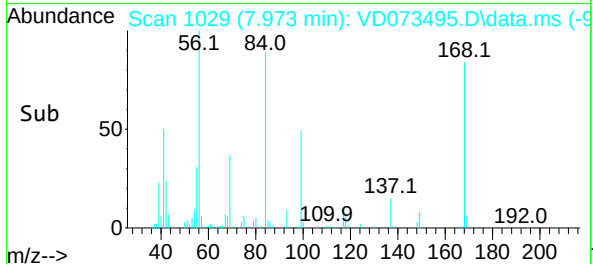
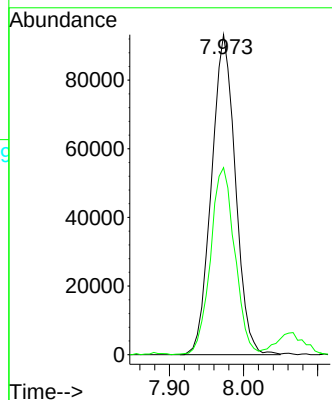
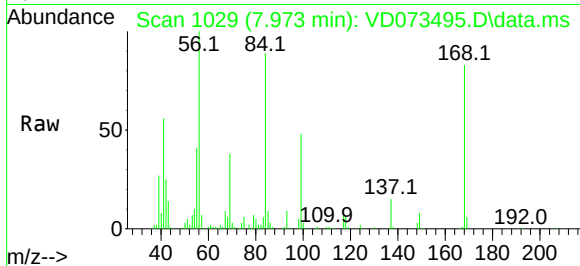




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.000 min
Lab File: VD073495.D
Acq: 07 Jun 2022 12:40

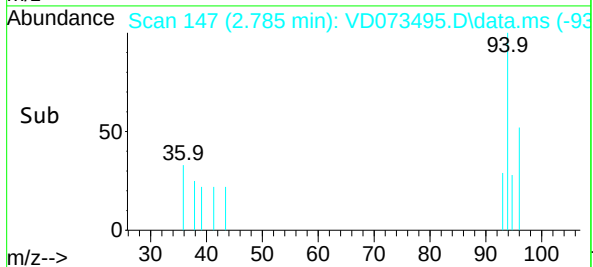
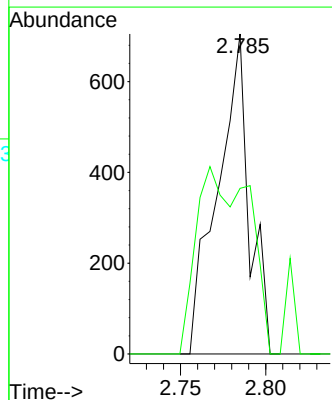
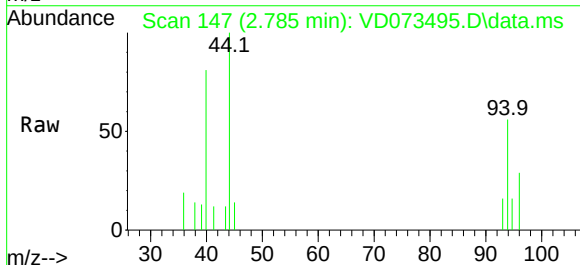
Instrument :
MSVOA_D
ClientSampleId :
WC-14B-4

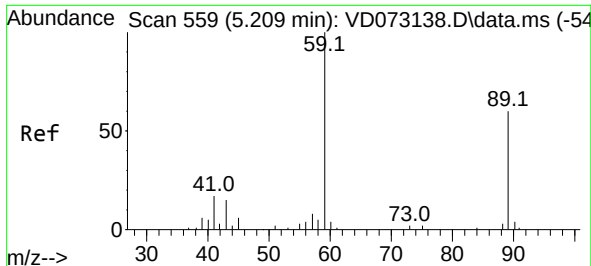
Tgt Ion:168 Resp: 209032
Ion Ratio Lower Upper
168 100
99 58.3 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.785 min Scan# 147
Delta R.T. 0.017 min
Lab File: VD073495.D
Acq: 07 Jun 2022 12:40

Tgt Ion: 94 Resp: 910
Ion Ratio Lower Upper
94 100
96 51.8 77.6 116.4#





#11

Tert butyl alcohol

Concen: 5.667 ug/l

RT: 5.208 min Scan# 51

Delta R.T. -0.001 min

Lab File: VD073495.D

Acq: 07 Jun 2022 12:40

Instrument :

MSVOA_D

ClientSampleId :

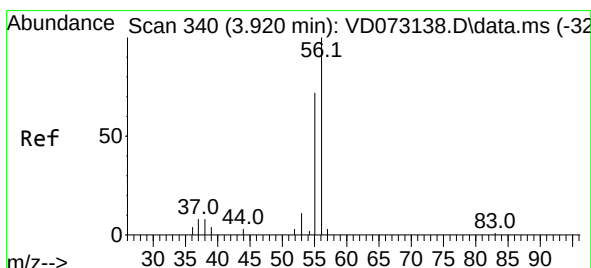
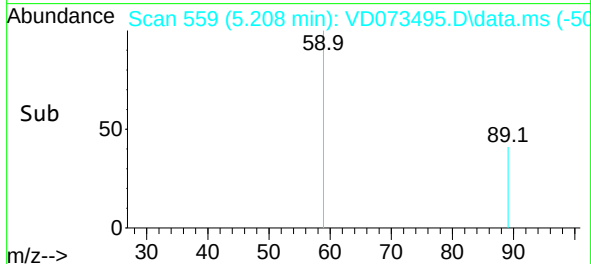
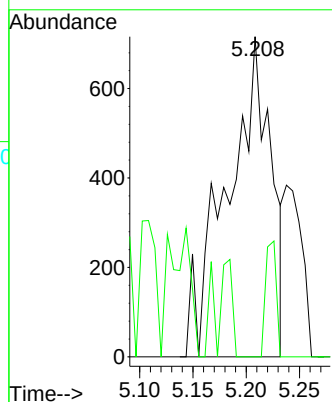
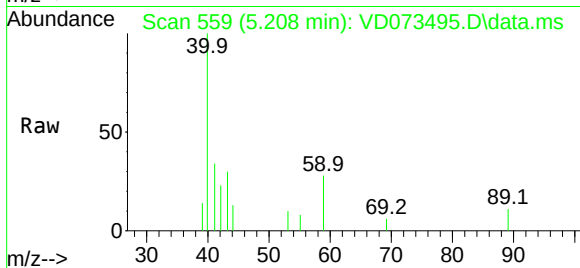
WC-14B-4

Tgt Ion: 59 Resp: 2031

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



#13

Acrolein

Concen: 764.635 ug/l

RT: 4.132 min Scan# 376

Delta R.T. 0.212 min

Lab File: VD073495.D

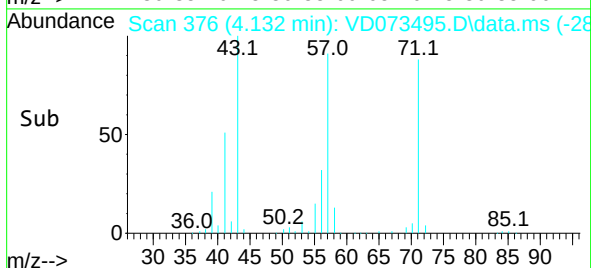
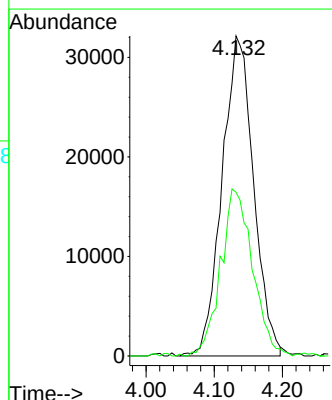
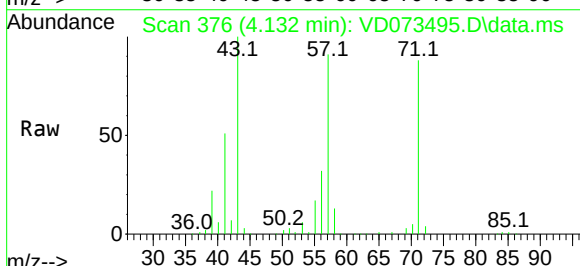
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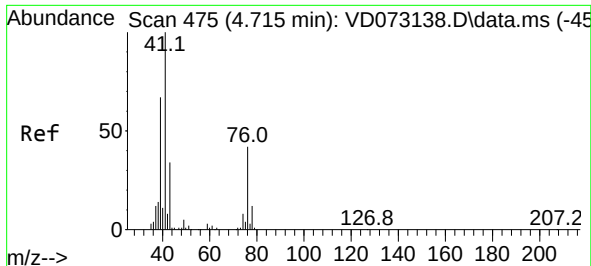
Tgt Ion: 56 Resp: 103055

Ion Ratio Lower Upper

56 100

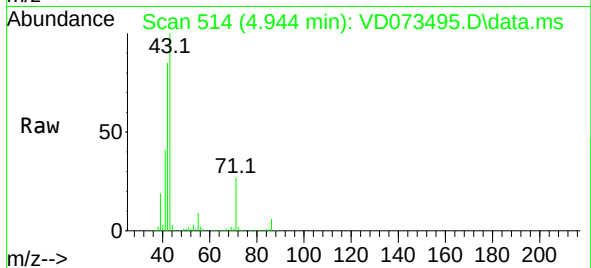
55 52.7 57.1 85.7#



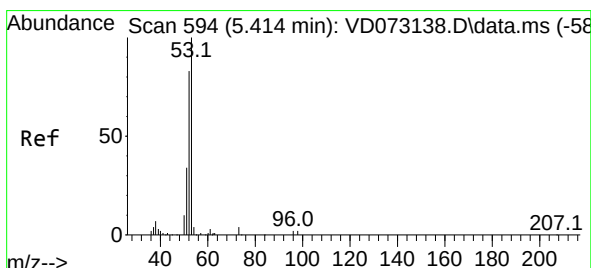
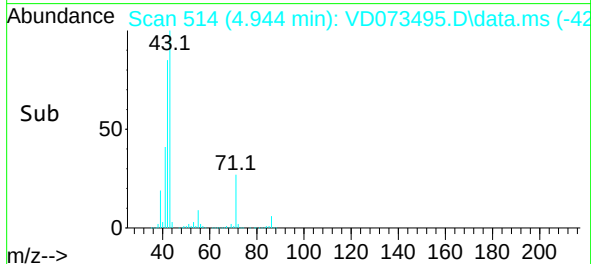
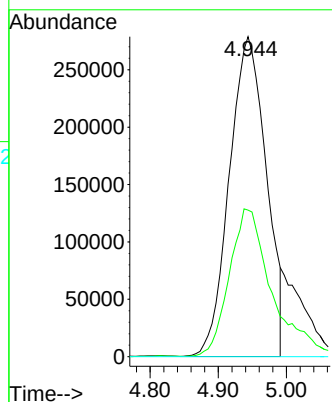


#14
 Allyl chloride
 Concen: 308.947 ug/l
 RT: 4.944 min Scan# 51
 Delta R.T. 0.229 min
 Lab File: VD073495.D
 Acq: 07 Jun 2022 12:40

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-14B-4

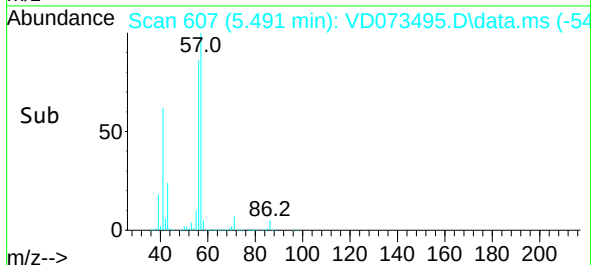
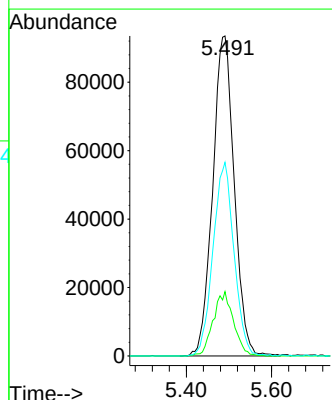
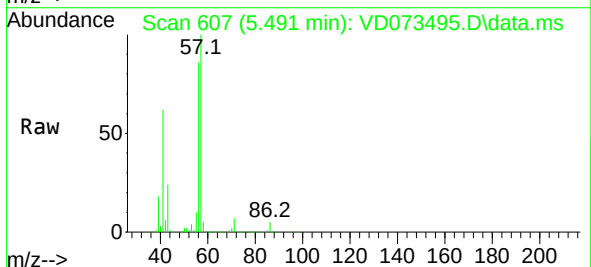


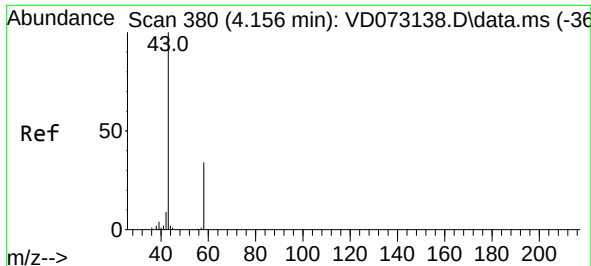
Tgt Ion: 41 Resp: 1047609
 Ion Ratio Lower Upper
 41 100
 39 45.9 59.3 88.9#
 76 0.0 25.7 38.5#



#15
 Acrylonitrile
 Concen: 684.871 ug/l
 RT: 5.491 min Scan# 607
 Delta R.T. 0.077 min
 Lab File: VD073495.D
 Acq: 07 Jun 2022 12:40

Tgt Ion: 53 Resp: 328631
 Ion Ratio Lower Upper
 53 100
 52 18.9 67.2 100.8#
 51 58.9 30.3 45.5#

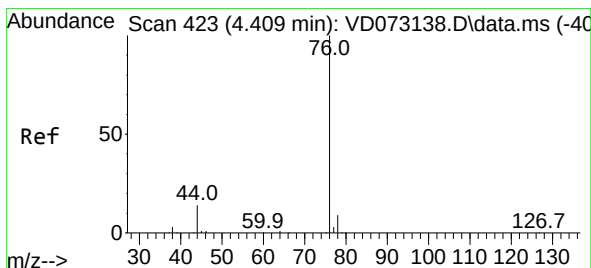
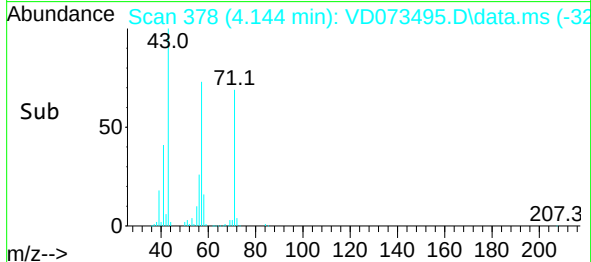
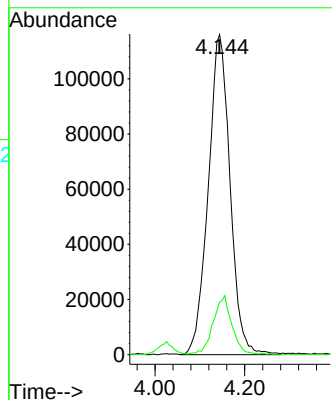
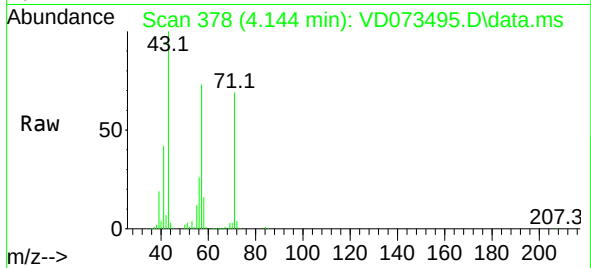




#16
Acetone
Concen: 980.534 ug/l
RT: 4.144 min Scan# 31
Delta R.T. -0.012 min
Lab File: VD073495.D
Acq: 07 Jun 2022 12:40

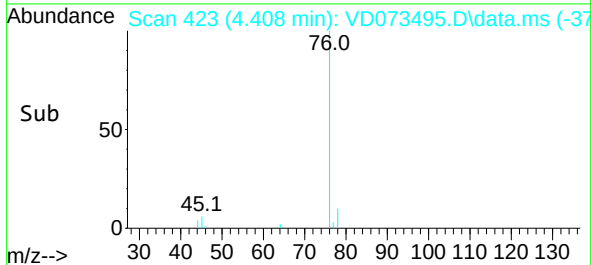
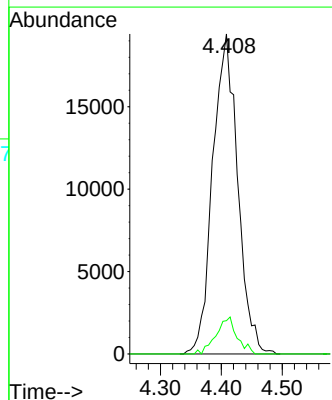
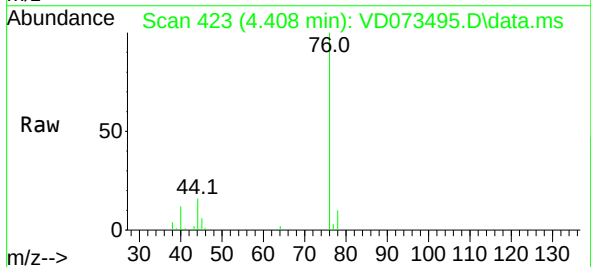
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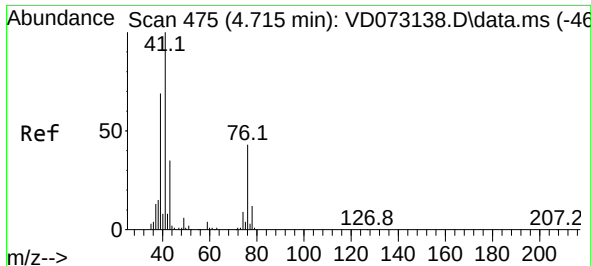
Tgt Ion: 43 Resp: 392344
Ion Ratio Lower Upper
43 100
58 16.4 22.1 33.1#



#17
Carbon Disulfide
Concen: 7.924 ug/l
RT: 4.408 min Scan# 423
Delta R.T. -0.001 min
Lab File: VD073495.D
Acq: 07 Jun 2022 12:40

Tgt Ion: 76 Resp: 55184
Ion Ratio Lower Upper
76 100
78 10.4 7.5 11.3

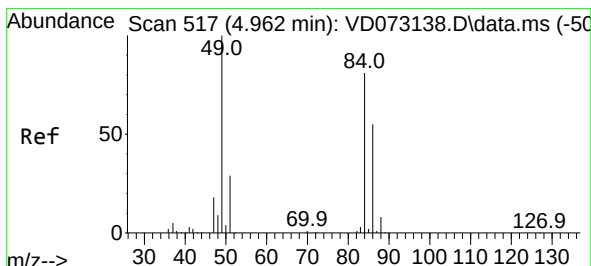
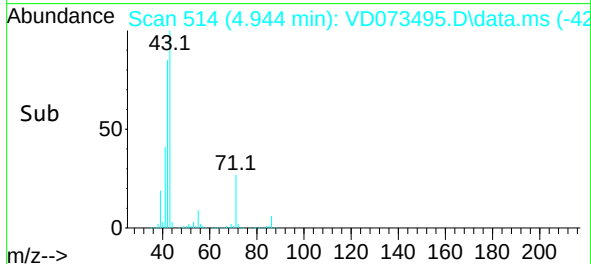
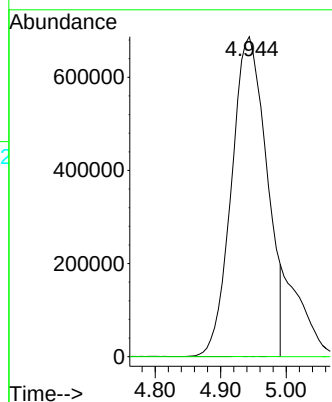
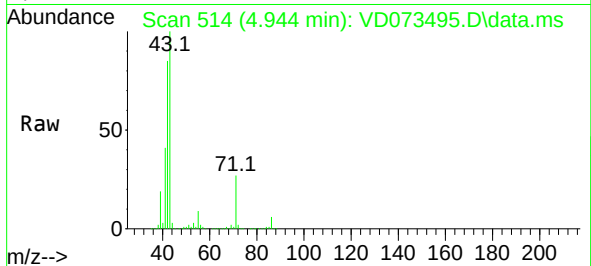




#18
Methyl Acetate
Concen: 2309.473 ug/l
RT: 4.944 min Scan# 514
Delta R.T. 0.229 min
Lab File: VD073495.D
Acq: 07 Jun 2022 12:40

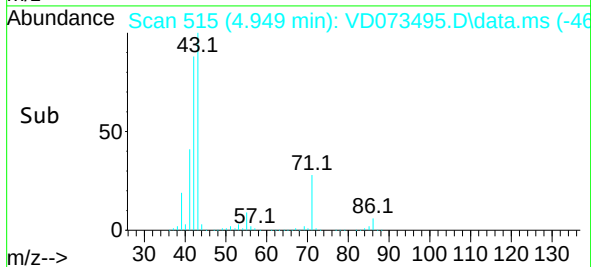
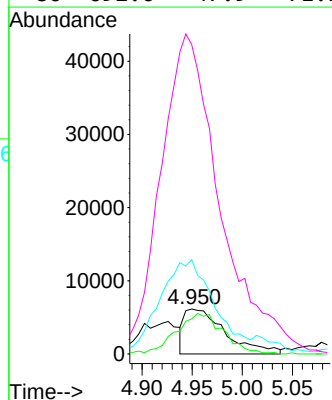
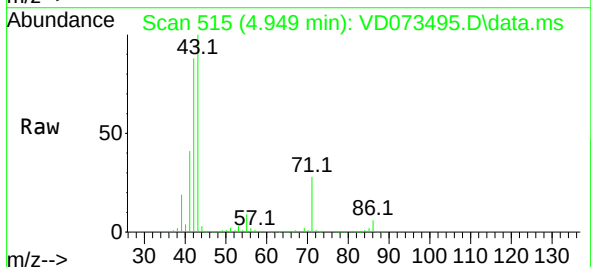
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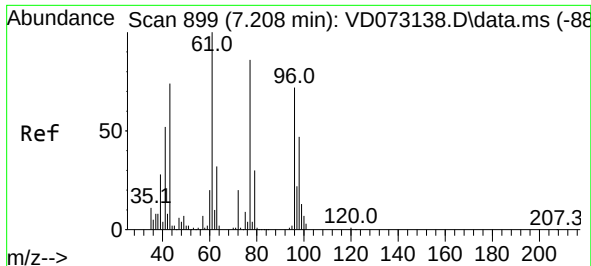
Tgt Ion: 43 Resp: 2569635
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#



#20
Methylene Chloride
Concen: 3.155 ug/l
RT: 4.949 min Scan# 515
Delta R.T. -0.013 min
Lab File: VD073495.D
Acq: 07 Jun 2022 12:40

Tgt Ion: 84 Resp: 17501
Ion Ratio Lower Upper
84 100
49 86.2 112.8 169.2#
51 205.3 32.6 48.8#
86 692.6 47.9 71.9#

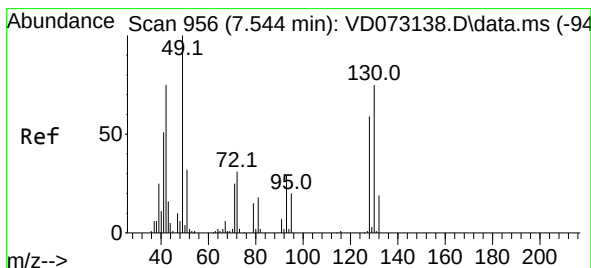
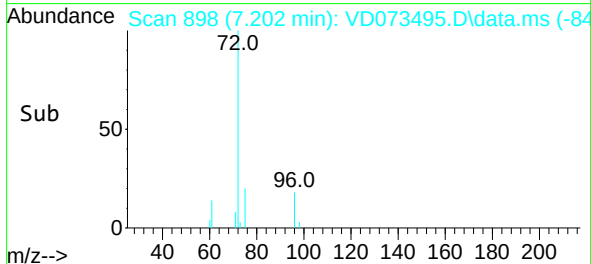
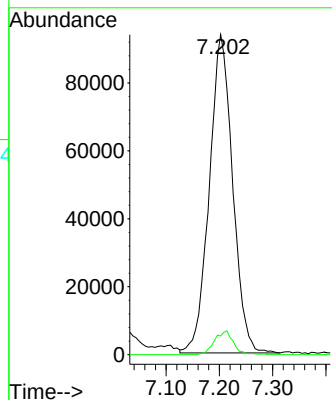
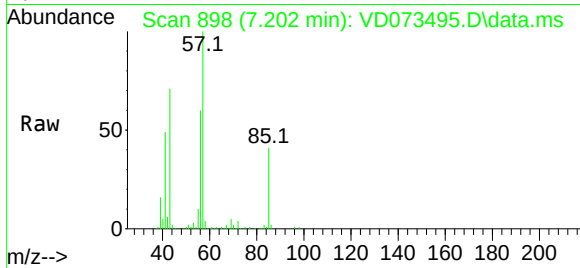




#25
2-Butanone
Concen: 487.274 ug/l
RT: 7.202 min Scan# 89
Delta R.T. -0.006 min
Lab File: VD073495.D
Acq: 07 Jun 2022 12:40

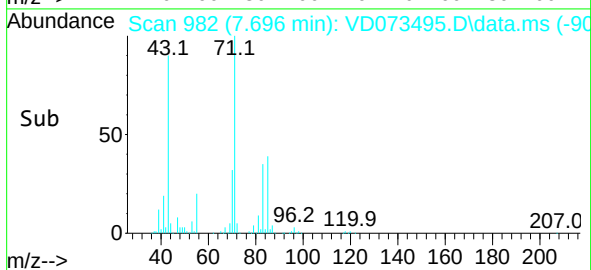
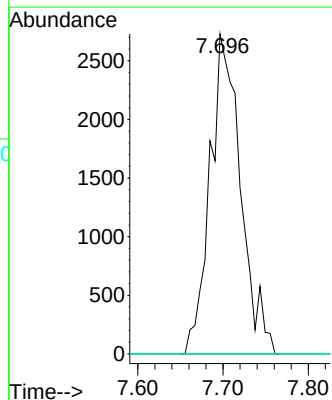
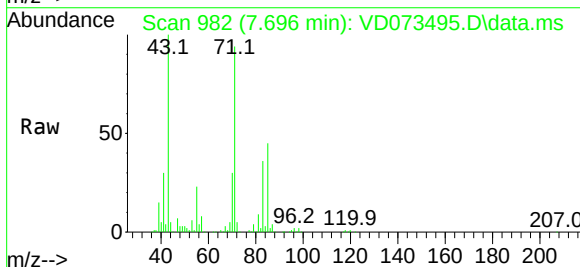
Instrument :
MSVOA_D
ClientSampleId :
WC-14B-4

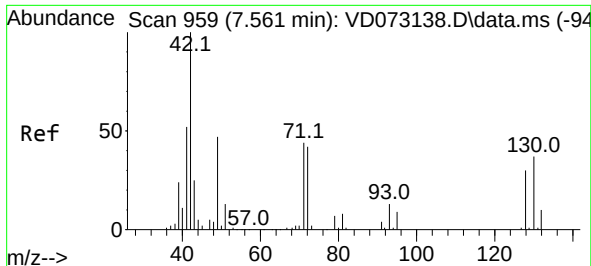
Tgt Ion: 43 Resp: 285255
Ion Ratio Lower Upper
43 100
72 5.9 18.6 27.8#



#28
Bromochloromethane
Concen: 4.340 ug/l
RT: 7.696 min Scan# 982
Delta R.T. 0.152 min
Lab File: VD073495.D
Acq: 07 Jun 2022 12:40

Tgt Ion: 49 Resp: 6822
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 0.0 52.6 79.0#





#29

Tetrahydrofuran

Concen: 5.270 ug/l

RT: 7.555 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD073495.D

Acq: 07 Jun 2022 12:40

Instrument :

MSVOA_D

ClientSampleId :

WC-14B-4

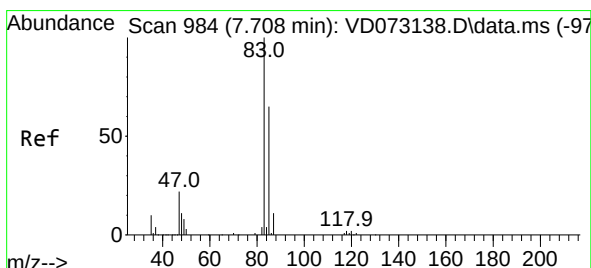
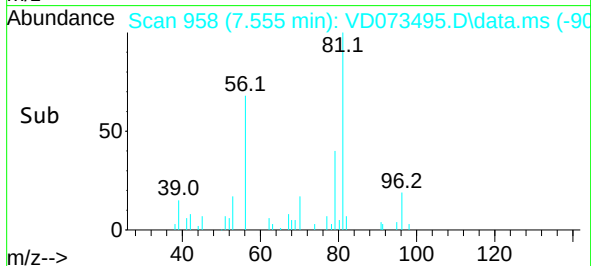
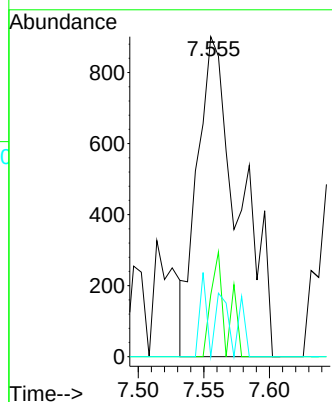
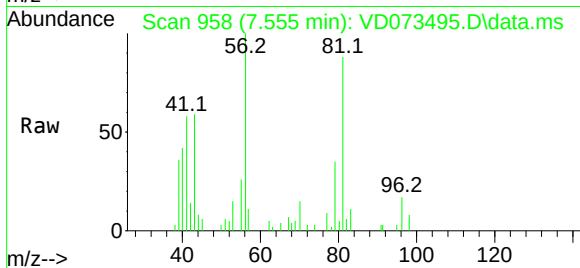
Tgt Ion: 42 Resp: 1995

Ion Ratio Lower Upper

42 100

72 0.0 30.7 46.1#

71 0.0 28.6 43.0#



#30

Chloroform

Concen: 25.602 ug/l

RT: 7.702 min Scan# 983

Delta R.T. -0.006 min

Lab File: VD073495.D

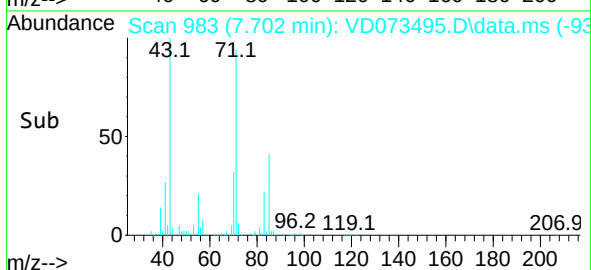
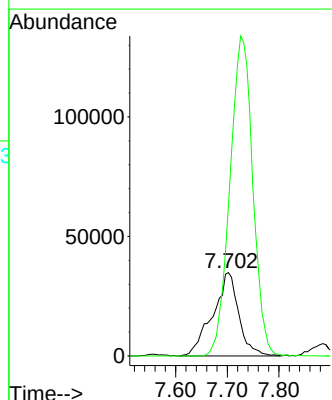
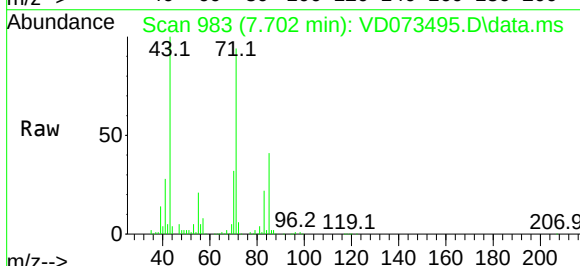
Acq: 07 Jun 2022 12:40

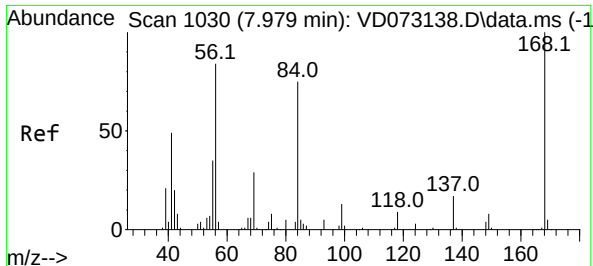
Tgt Ion: 83 Resp: 121955

Ion Ratio Lower Upper

83 100

85 181.5 52.7 79.1#





#31

Cyclohexane

Concen: 79.196 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VD073495.D

Acq: 07 Jun 2022 12:40

Instrument :

MSVOA_D

ClientSampleId :

WC-14B-4

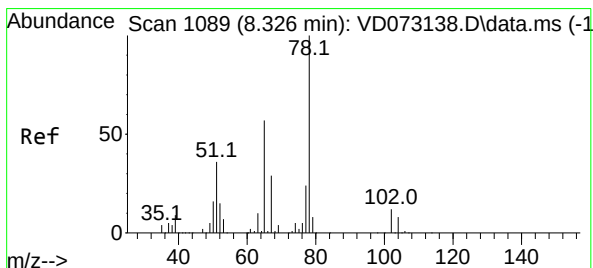
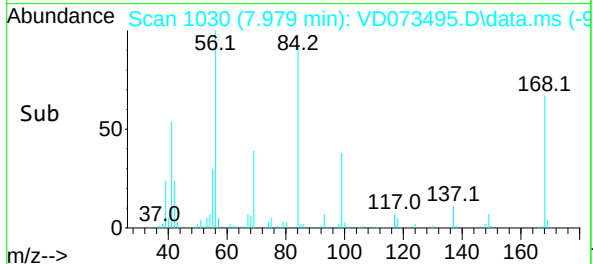
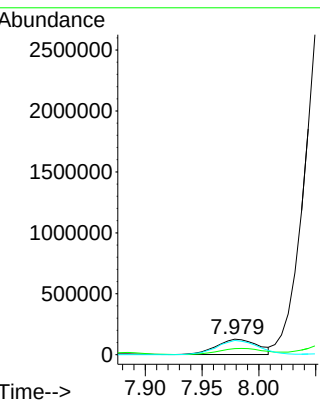
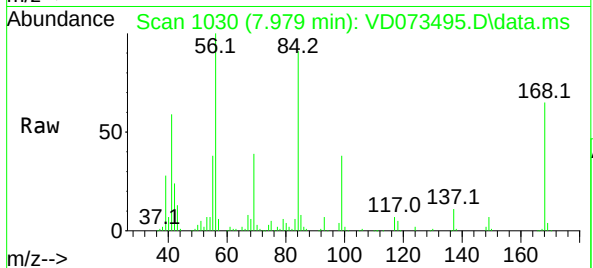
Tgt Ion: 56 Resp: 319710

Ion Ratio Lower Upper

56 100

69 37.9 25.4 38.2

84 91.7 63.0 94.4



#33

1,2-Dichloroethane-d4

Concen: 55.956 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD073495.D

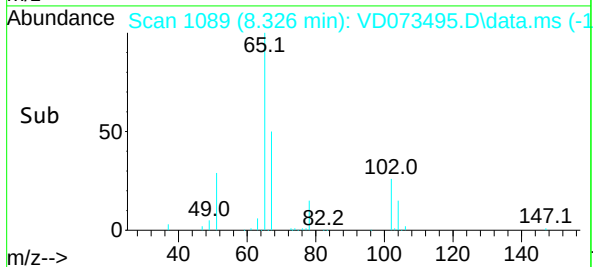
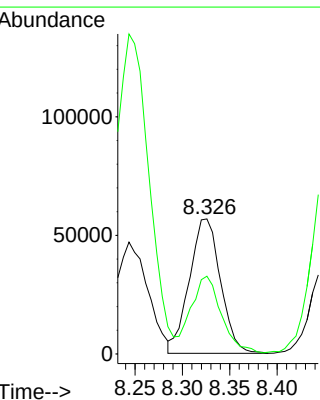
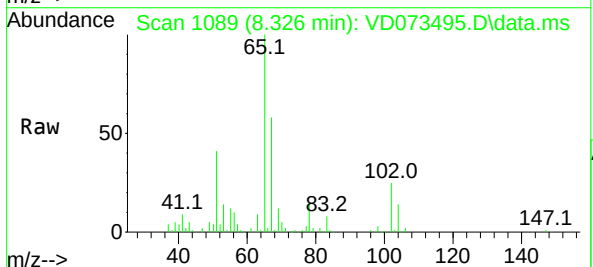
Acq: 07 Jun 2022 12:40

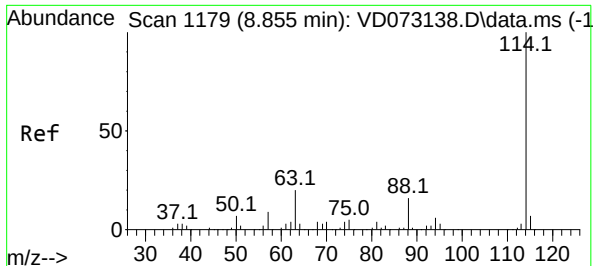
Tgt Ion: 65 Resp: 129263

Ion Ratio Lower Upper

65 100

67 56.4 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073495.D

Acq: 07 Jun 2022 12:40

Instrument :

MSVOA_D

ClientSampleId :

WC-14B-4

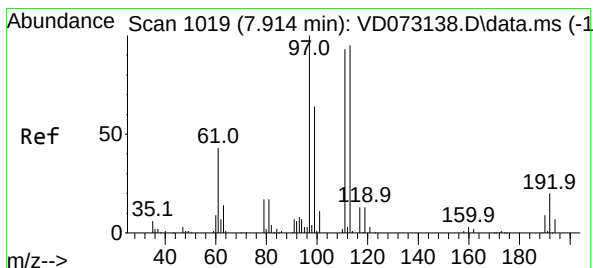
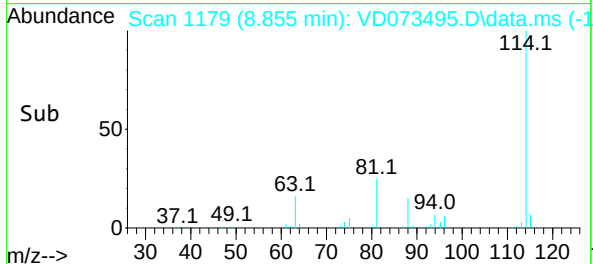
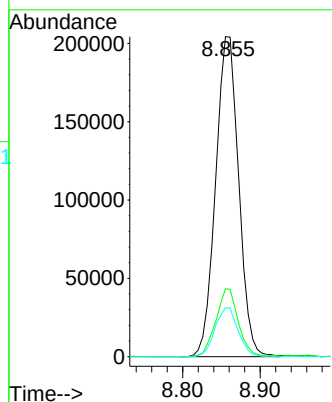
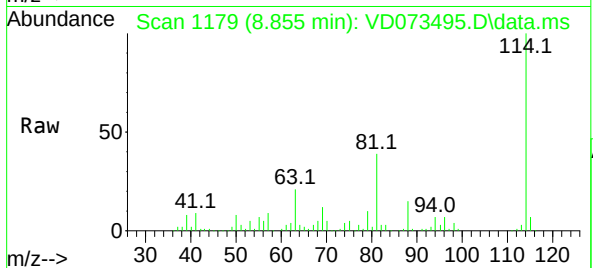
Tgt Ion:114 Resp: 422672

Ion Ratio Lower Upper

114 100

63 21.2 0.0 46.6

88 15.3 0.0 33.2



#35

Dibromofluoromethane

Concen: 50.086 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD073495.D

Acq: 07 Jun 2022 12:40

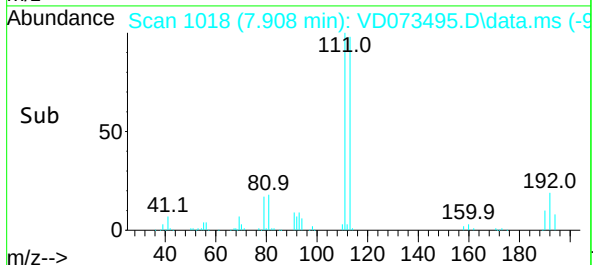
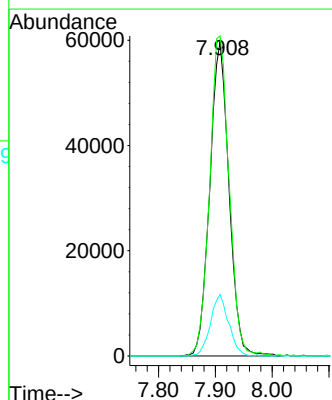
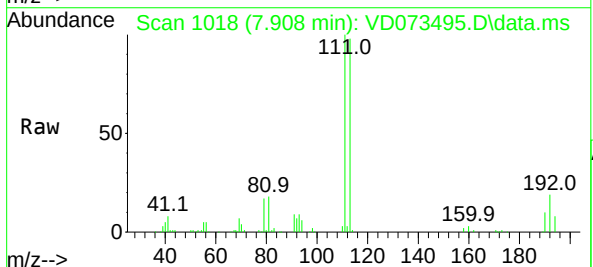
Tgt Ion:113 Resp: 139692

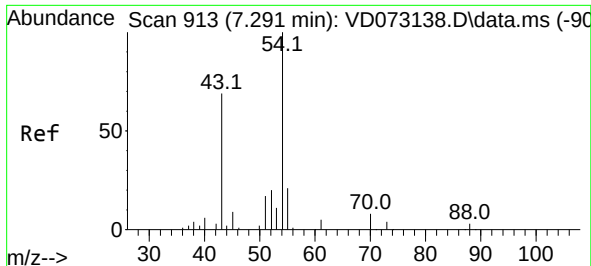
Ion Ratio Lower Upper

113 100

111 103.7 83.8 125.6

192 18.5 14.6 21.8





#37

Ethyl Acetate

Concen: 172.163 ug/l

RT: 7.202 min Scan# 89

Delta R.T. -0.089 min

Lab File: VD073495.D

Acq: 07 Jun 2022 12:40

Instrument :

MSVOA_D

ClientSampleId :

WC-14B-4

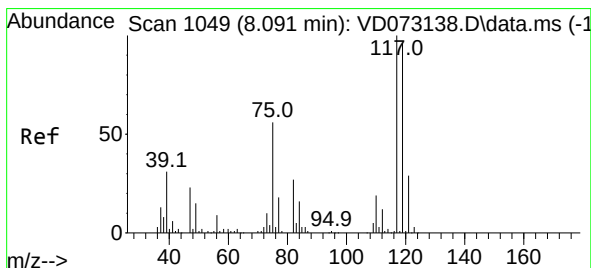
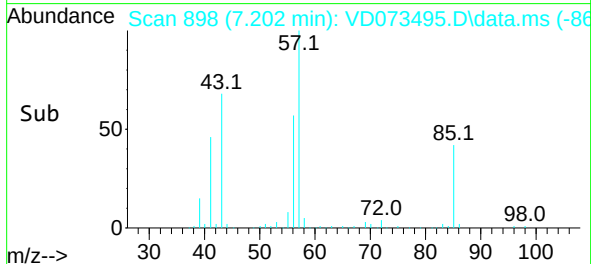
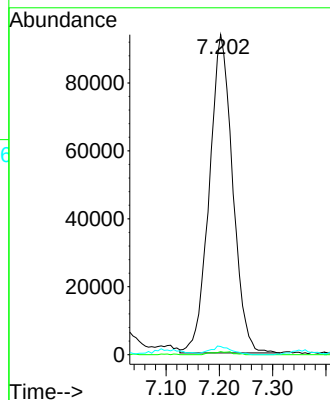
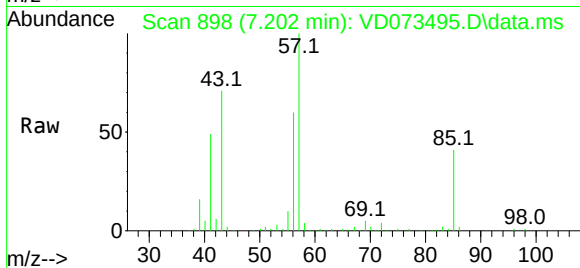
Tgt Ion: 43 Resp: 285255

Ion Ratio Lower Upper

43 100

61 0.8 9.8 14.8#

70 2.5 6.9 10.3#



#38

Carbon Tetrachloride

Concen: 5.234 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.124 min

Lab File: VD073495.D

Acq: 07 Jun 2022 12:40

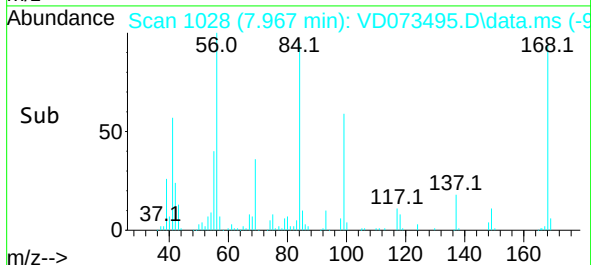
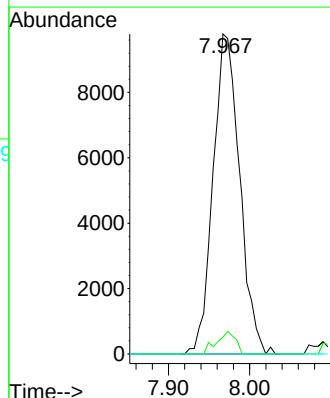
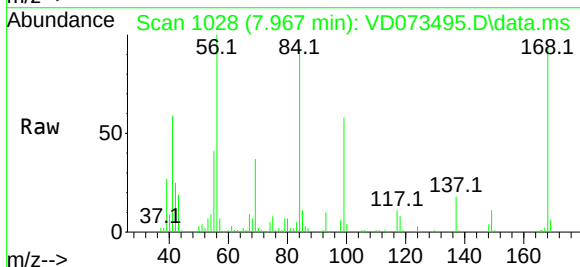
Tgt Ion: 117 Resp: 22256

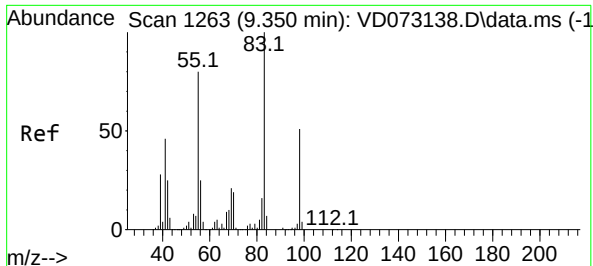
Ion Ratio Lower Upper

117 100

119 5.2 75.8 113.6#

121 0.0 24.5 36.7#





#39

Methylcyclohexane

Concen: 4864.078 ug/l

RT: 9.355 min Scan# 11

Delta R.T. 0.005 min

Lab File: VD073495.D

Acq: 07 Jun 2022 12:40

Instrument :

MSVOA_D

ClientSampleId :

WC-14B-4

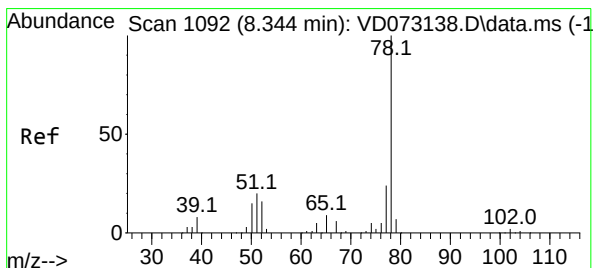
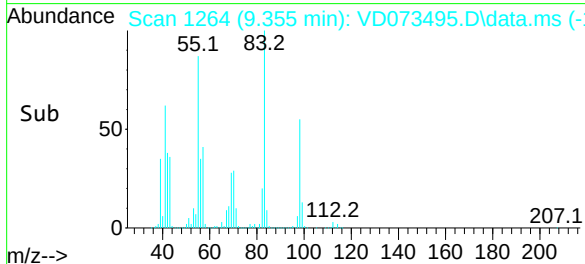
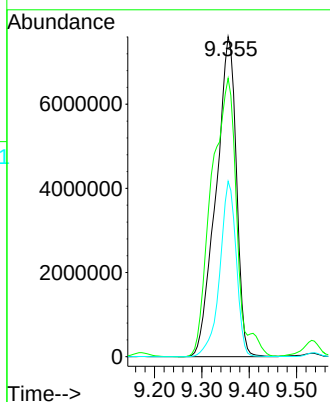
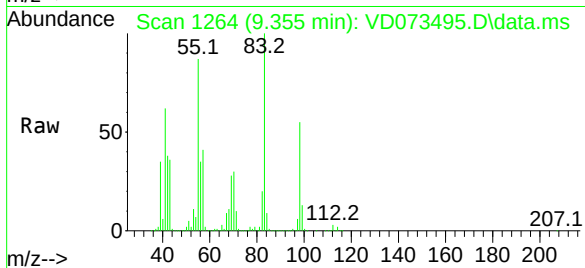
Tgt Ion: 83 Resp: 22738688

Ion Ratio Lower Upper

83 100

55 87.0 63.2 94.8

98 54.8 38.2 57.4



#40

Benzene

Concen: 3.374 ug/l

RT: 8.343 min Scan# 1092

Delta R.T. -0.001 min

Lab File: VD073495.D

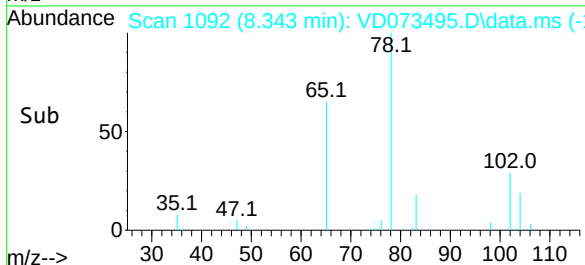
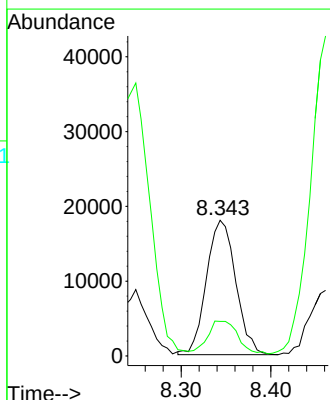
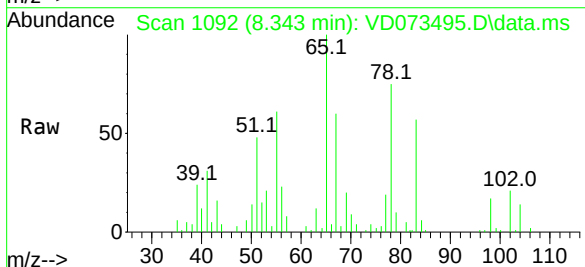
Acq: 07 Jun 2022 12:40

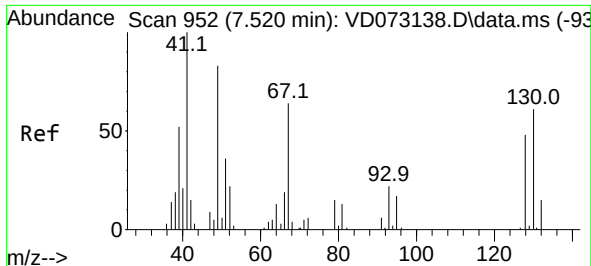
Tgt Ion: 78 Resp: 40792

Ion Ratio Lower Upper

78 100

77 22.3 19.1 28.7

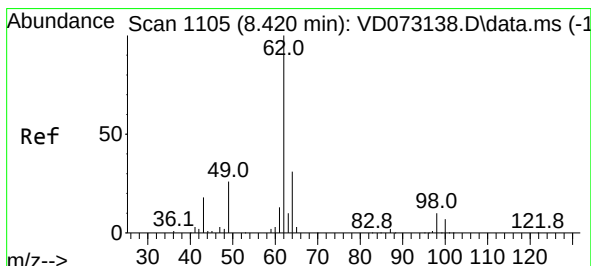
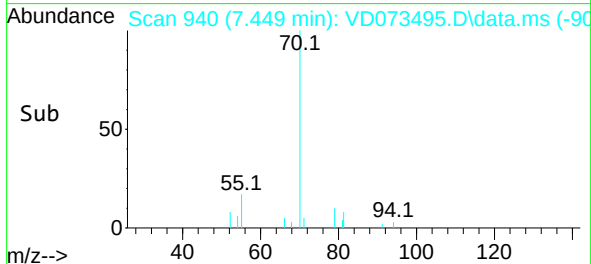
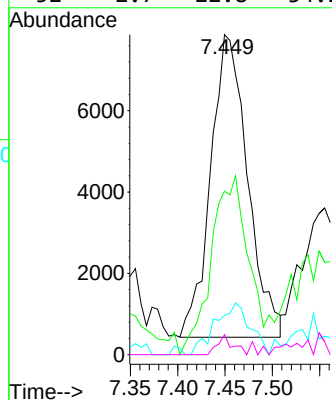
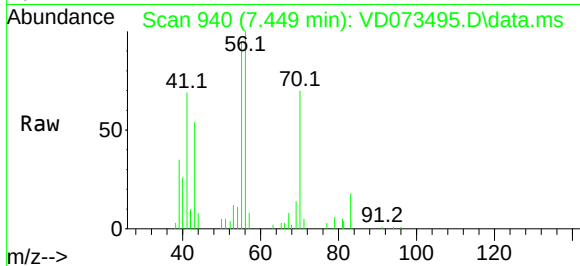




#41
Methacrylonitrile
Concen: 20.971 ug/l
RT: 7.449 min Scan# 941
Delta R.T. -0.071 min
Lab File: VD073495.D
Acq: 07 Jun 2022 12:40

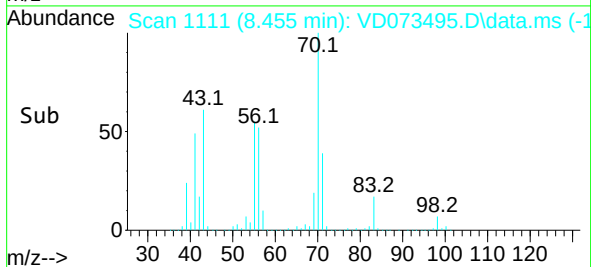
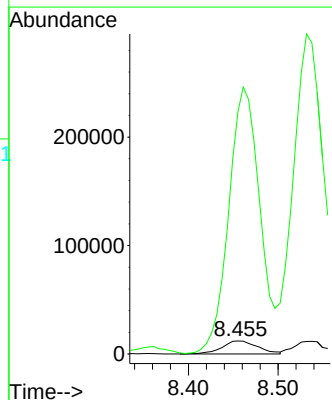
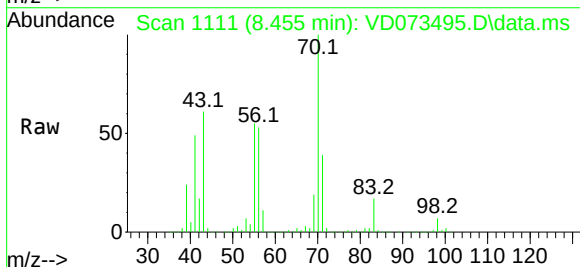
Instrument :
MSVOA_D
ClientSampleId :
WC-14B-4

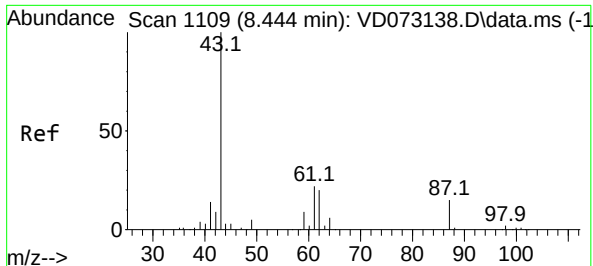
Tgt Ion:	41	Resp:	20244
Ion	Ratio	Lower	Upper
41	100		
39	61.5	44.6	67.0
67	16.1	48.2	72.4#
52	2.7	22.8	34.2#



#42
1,2-Dichloroethane
Concen: 9.864 ug/l
RT: 8.455 min Scan# 1111
Delta R.T. 0.035 min
Lab File: VD073495.D
Acq: 07 Jun 2022 12:40

Tgt Ion:	62	Resp:	33181
Ion	Ratio	Lower	Upper
62	100		
98	1771.1	0.0	17.6#

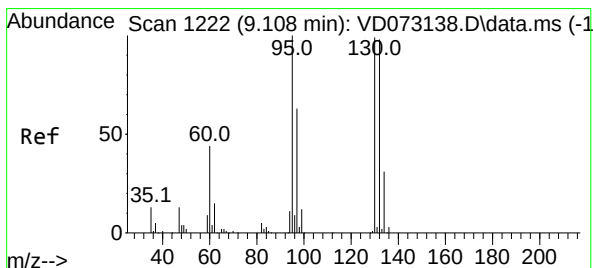
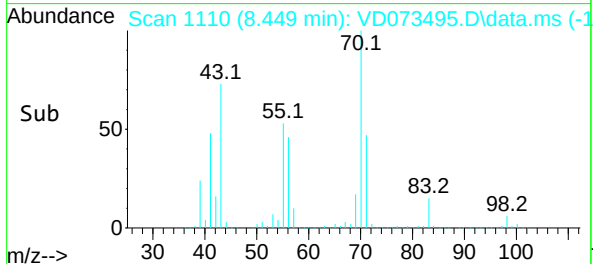
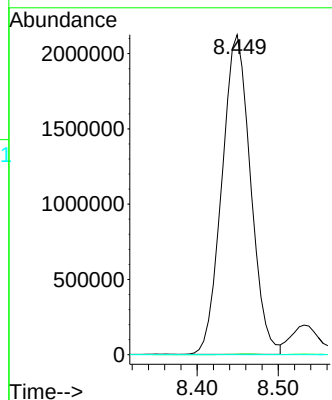
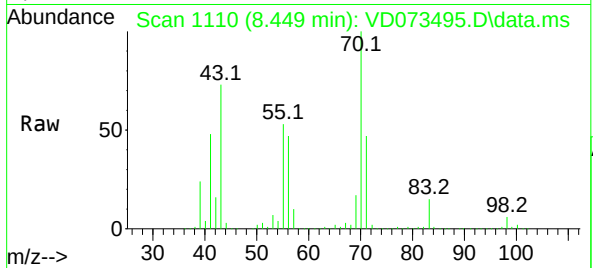




#43
Isopropyl Acetate
Concen: 1698.683 ug/l
RT: 8.449 min Scan# 1109
Delta R.T. 0.005 min
Lab File: VD073495.D
Acq: 07 Jun 2022 12:40

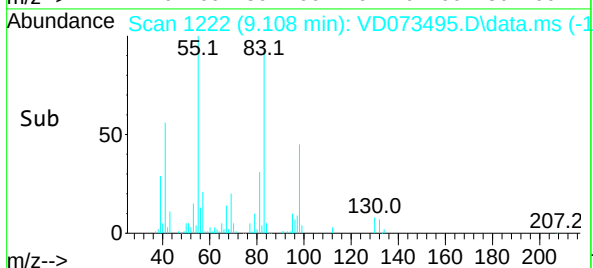
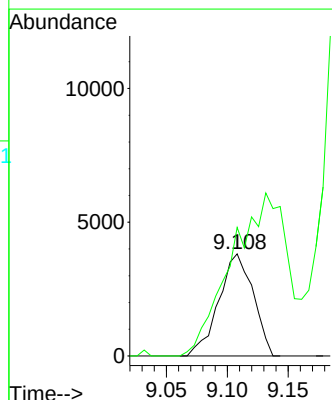
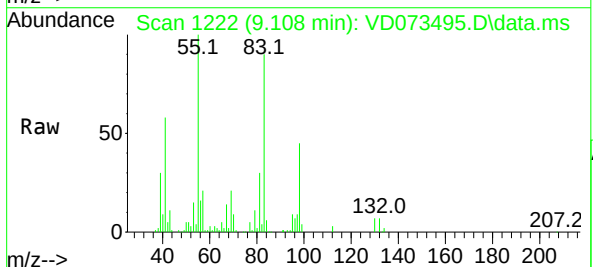
Instrument :
MSVOA_D
ClientSampleId :
WC-14B-4

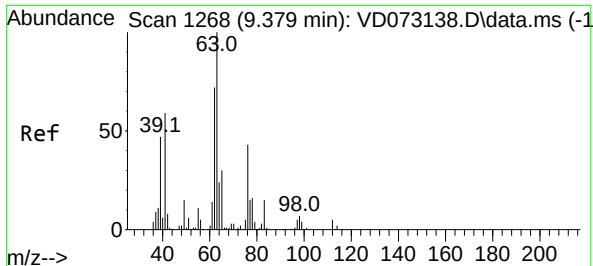
Tgt Ion: 43 Resp: 5202279
Ion Ratio Lower Upper
43 100
61 0.2 22.4 33.6#
87 0.0 8.7 13.1#



#44
Trichloroethene
Concen: 2.331 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD073495.D
Acq: 07 Jun 2022 12:40

Tgt Ion: 130 Resp: 7515
Ion Ratio Lower Upper
130 100
95 126.0 0.0 205.4





#45

1,2-Dichloropropane

Concen: 105.982 ug/l

RT: 9.355 min Scan# 11

Delta R.T. -0.024 min

Lab File: VD073495.D

Acq: 07 Jun 2022 12:40

Instrument :

MSVOA_D

ClientSampleId :

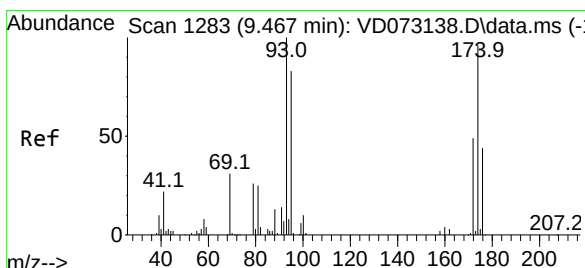
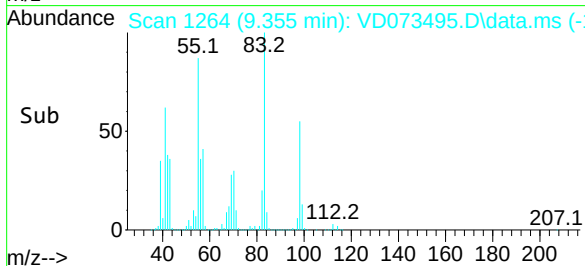
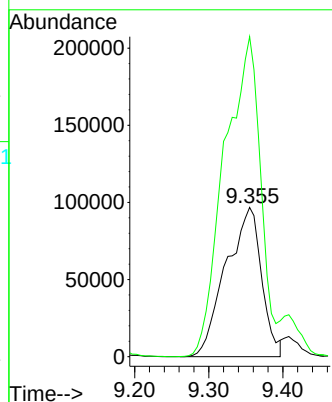
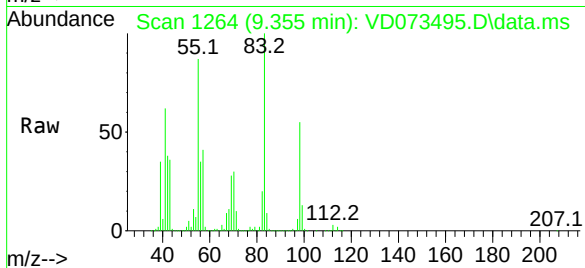
WC-14B-4

Tgt Ion: 63 Resp: 322666

Ion Ratio Lower Upper

63 100

65 214.2 26.2 39.4#



#46

Dibromomethane

Concen: 3.435 ug/l

RT: 9.420 min Scan# 1275

Delta R.T. -0.047 min

Lab File: VD073495.D

Acq: 07 Jun 2022 12:40

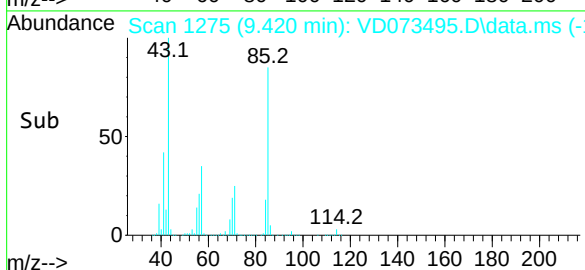
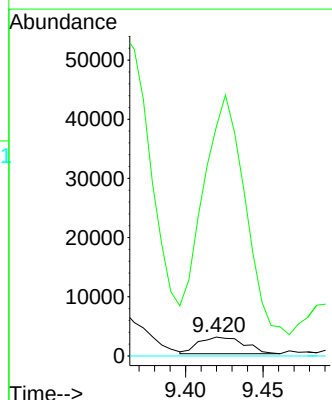
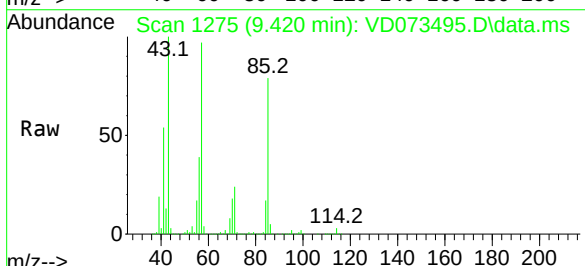
Tgt Ion: 93 Resp: 5744

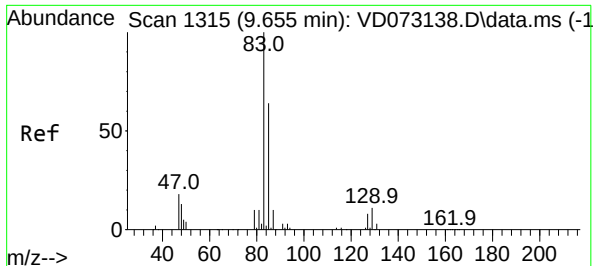
Ion Ratio Lower Upper

93 100

95 1528.9 66.7 100.1#

174 0.0 71.6 107.4#





#47

Bromodichloromethane

Concen: 239.605 ug/l

RT: 9.632 min Scan# 11

Delta R.T. -0.023 min

Lab File: VD073495.D

Acq: 07 Jun 2022 12:40

Instrument :

MSVOA_D

ClientSampleId :

WC-14B-4

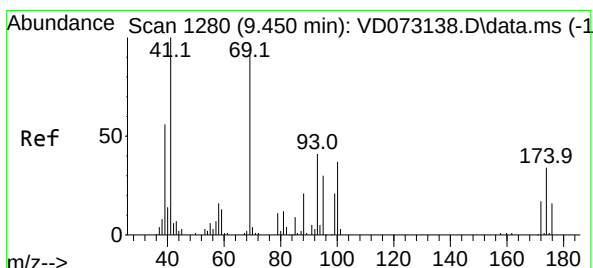
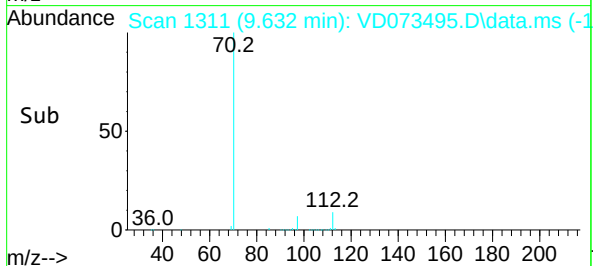
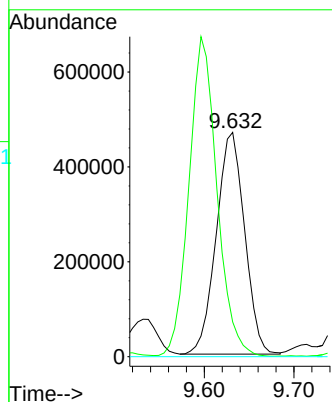
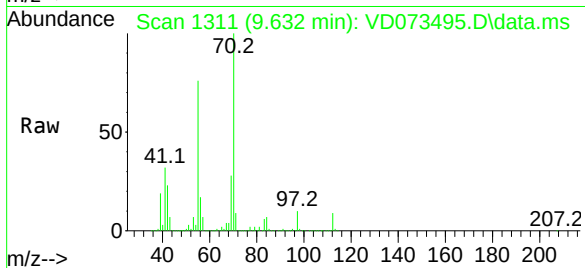
Tgt Ion: 83 Resp: 1025132

Ion Ratio Lower Upper

83 100

85 15.4 51.4 77.0#

127 0.0 6.1 9.1#



#48

Methyl methacrylate

Concen: 2058.979 ug/l

RT: 9.408 min Scan# 1273

Delta R.T. -0.042 min

Lab File: VD073495.D

Acq: 07 Jun 2022 12:40

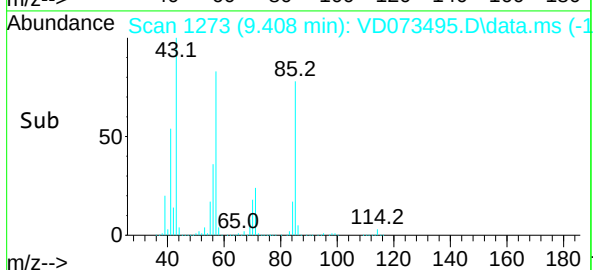
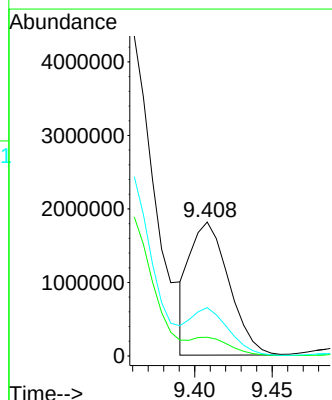
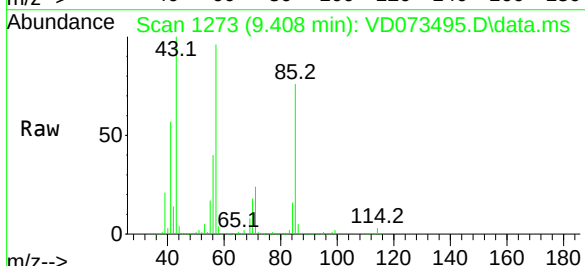
Tgt Ion: 41 Resp: 3172472

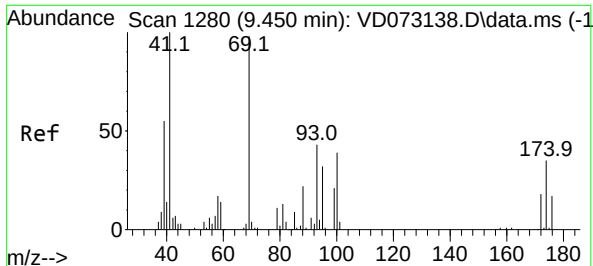
Ion Ratio Lower Upper

41 100

69 0.0 56.7 85.1#

39 35.7 42.7 64.1#





#49

1,4-Dioxane

Concen: 10.945 ug/l

RT: 9.390 min Scan# 11

Delta R.T. -0.060 min

Lab File: VD073495.D

Acq: 07 Jun 2022 12:40

Instrument :

MSVOA_D

ClientSampleId :

WC-14B-4

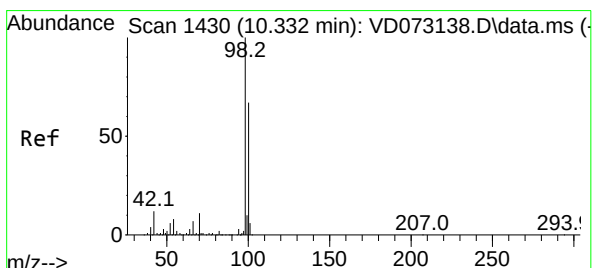
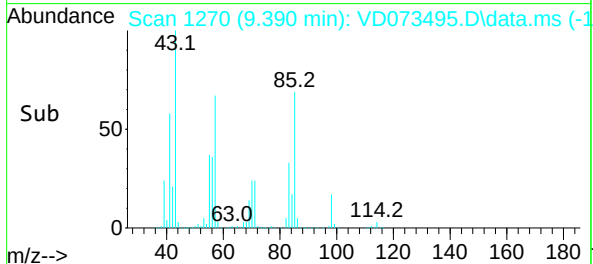
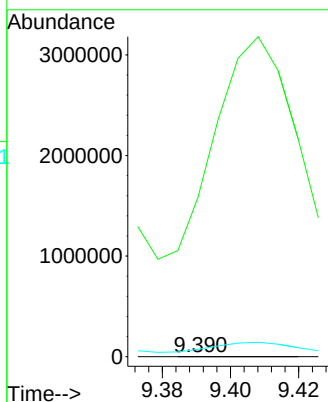
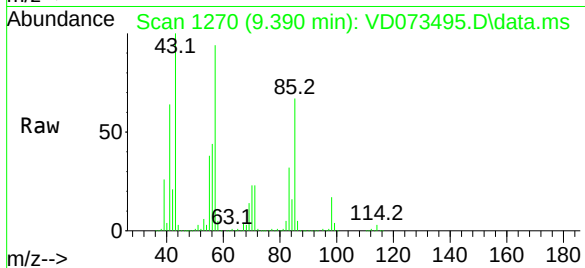
Tgt Ion: 88 Resp: 189

Ion Ratio Lower Upper

88 100

43 3518471.4 31.0 46.4#

58 153133.9 58.1 87.1#



#50

Toluene-d8

Concen: 292.058 ug/l

RT: 10.337 min Scan# 1431

Delta R.T. 0.005 min

Lab File: VD073495.D

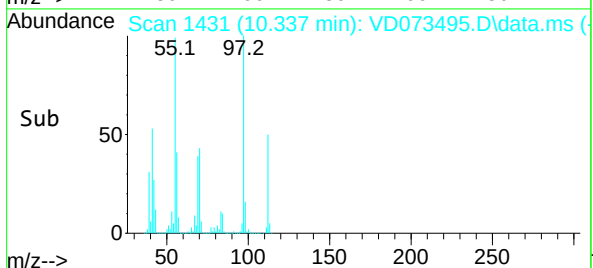
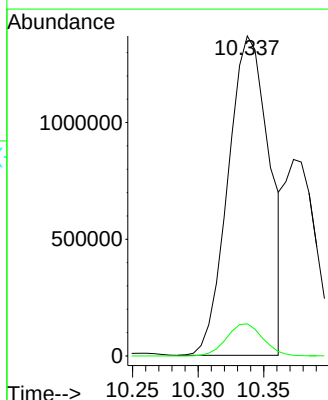
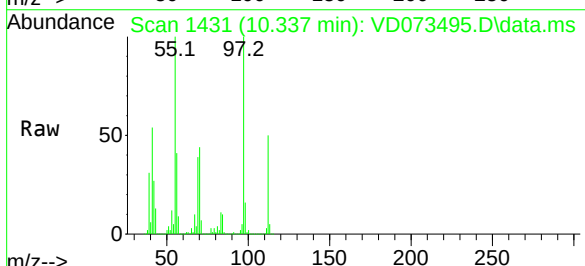
Acq: 07 Jun 2022 12:40

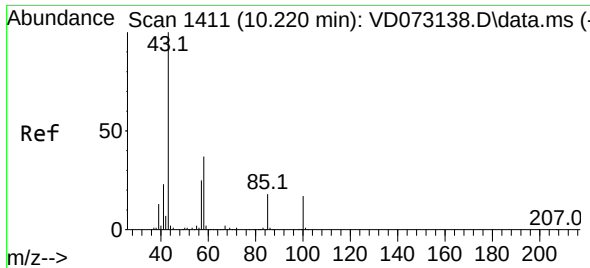
Tgt Ion: 98 Resp: 3002707

Ion Ratio Lower Upper

98 100

100 8.9 52.4 78.6#

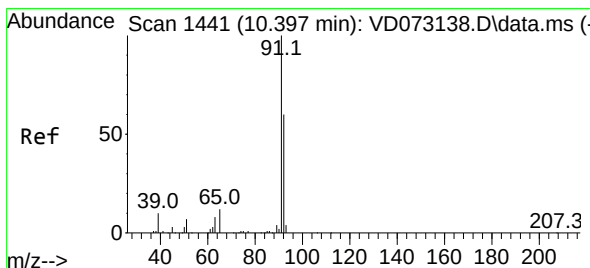
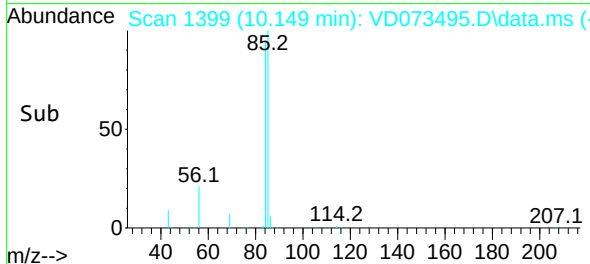
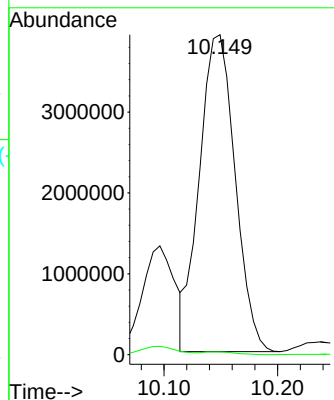
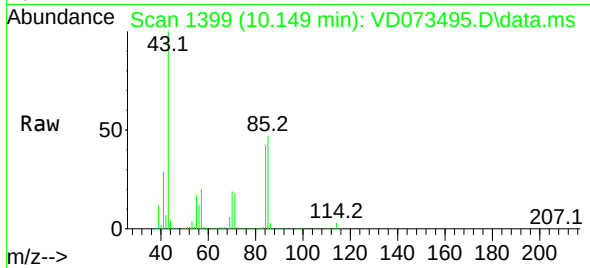




#51
4-Methyl-2-Pentanone
Concen: 5388.835 ug/l
RT: 10.149 min Scan# 1411
Delta R.T. -0.071 min
Lab File: VD073495.D
Acq: 07 Jun 2022 12:40

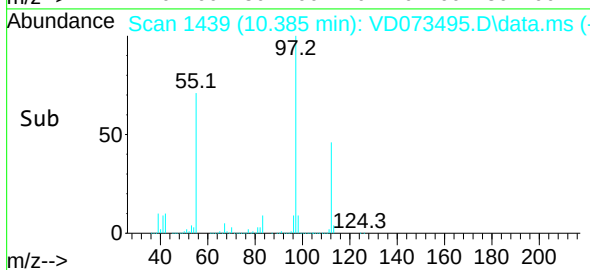
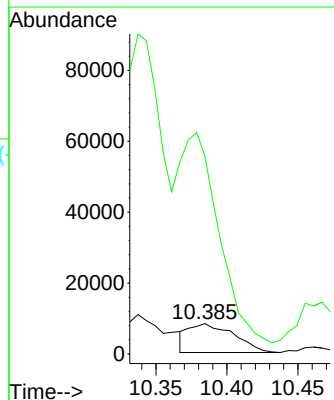
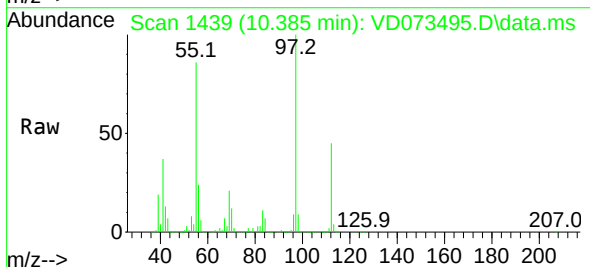
Instrument :
MSVOA_D
ClientSampleId :
WC-14B-4

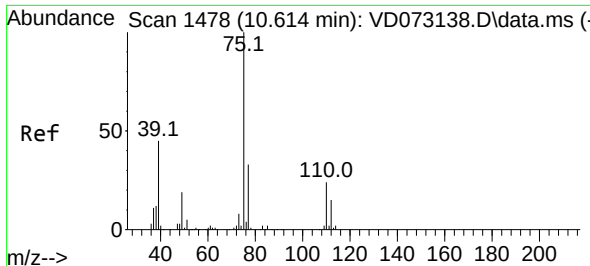
Tgt Ion: 43 Resp: 8571593
Ion Ratio Lower Upper
43 100
58 0.8 28.6 43.0#



#52
Toluene
Concen: 2.367 ug/l
RT: 10.385 min Scan# 1439
Delta R.T. -0.012 min
Lab File: VD073495.D
Acq: 07 Jun 2022 12:40

Tgt Ion: 92 Resp: 18084
Ion Ratio Lower Upper
92 100
91 0.0 139.6 209.4#

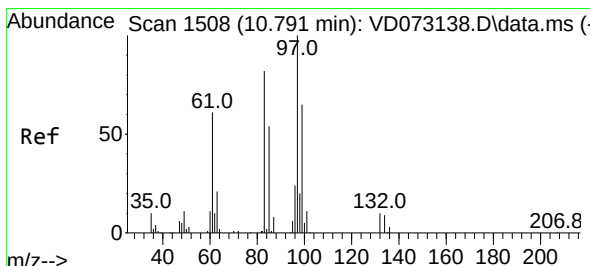
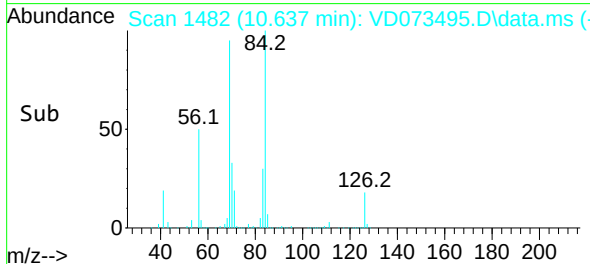
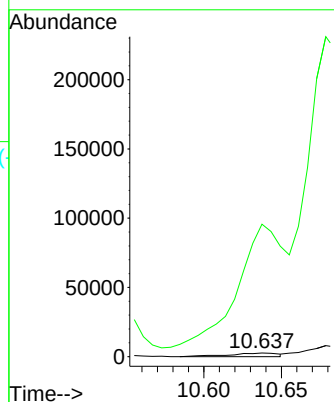
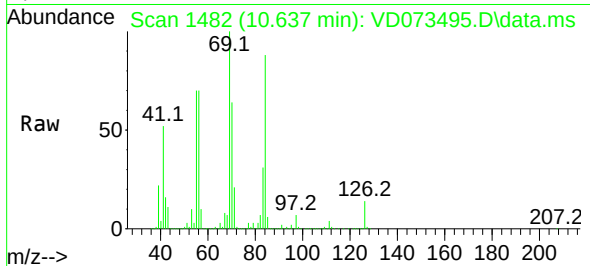




#53
t-1,3-Dichloropropene
Concen: 1.518 ug/l
RT: 10.637 min Scan# 1478
Delta R.T. 0.023 min
Lab File: VD073495.D
Acq: 07 Jun 2022 12:40

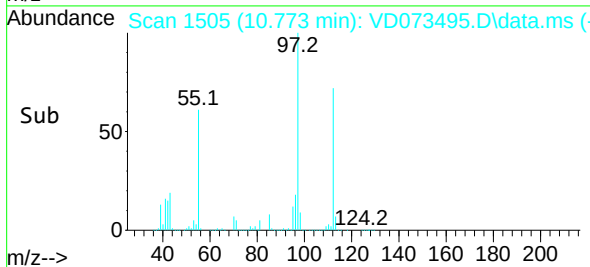
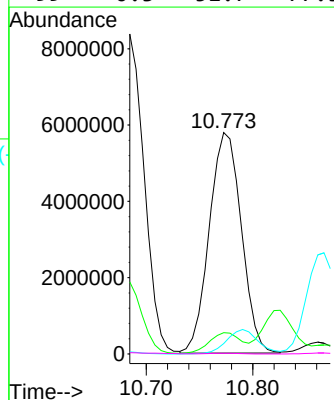
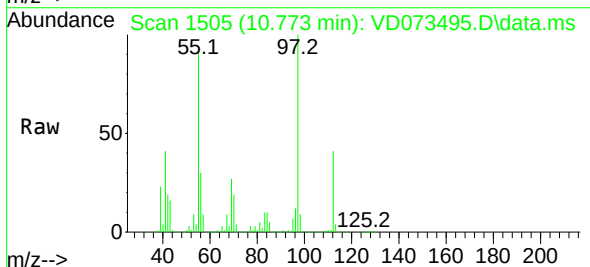
Instrument :
MSVOA_D
ClientSampleId :
WC-14B-4

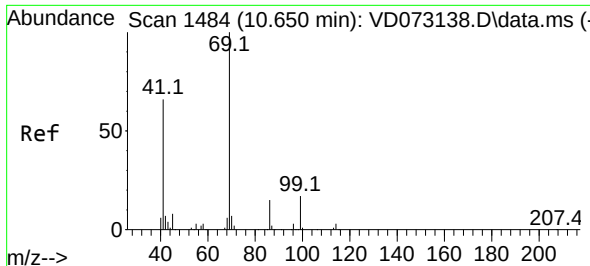
Tgt Ion: 75 Resp: 5869
Ion Ratio Lower Upper
75 100
77 3292.1 24.5 36.7#



#55
1,1,2-Trichloroethane
Concen: 5355.043 ug/l
RT: 10.773 min Scan# 1505
Delta R.T. -0.018 min
Lab File: VD073495.D
Acq: 07 Jun 2022 12:40

Tgt Ion: 97 Resp: 12108472
Ion Ratio Lower Upper
97 100
83 9.4 69.0 103.4#
85 4.7 42.6 63.8#
99 0.3 51.7 77.5#

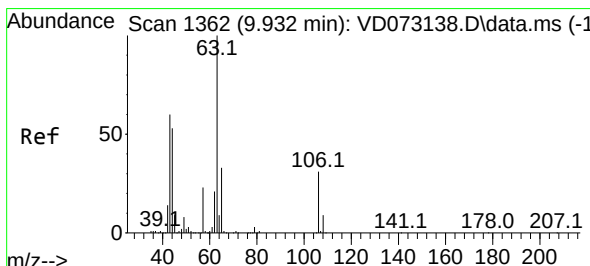
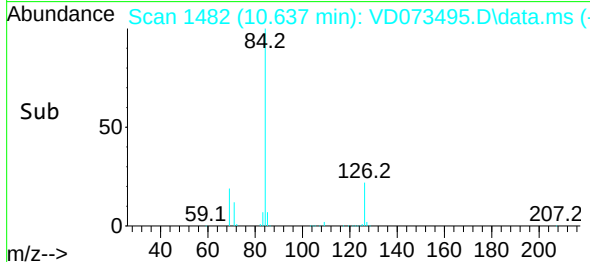
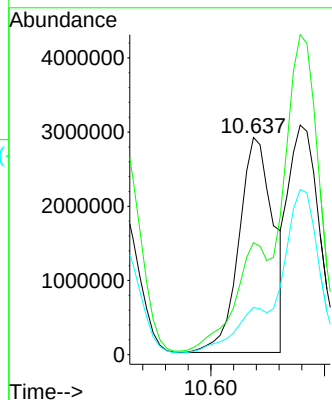
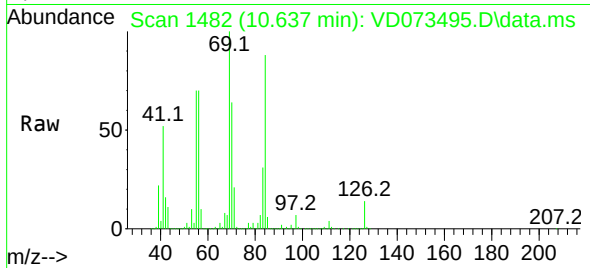




#56
Ethyl methacrylate
Concen: 2420.334 ug/l
RT: 10.637 min Scan# 1482
Delta R.T. -0.013 min
Lab File: VD073495.D
Acq: 07 Jun 2022 12:40

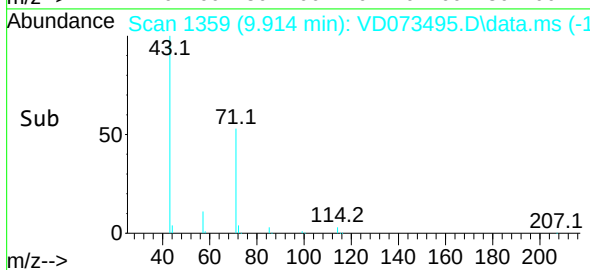
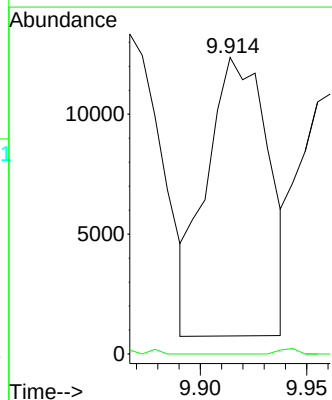
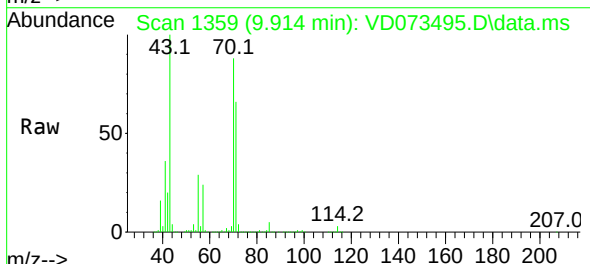
Instrument : MSVOA_D
ClientSampleId : WC-14B-4

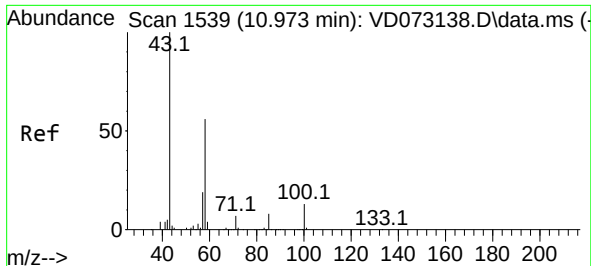
Tgt Ion: 69 Resp: 6084771
Ion Ratio Lower Upper
69 100
41 47.2 63.0 94.6#
39 0.0 33.8 50.8#



#58
2-Chloroethyl Vinyl ether
Concen: 39.520 ug/l
RT: 9.914 min Scan# 1359
Delta R.T. -0.018 min
Lab File: VD073495.D
Acq: 07 Jun 2022 12:40

Tgt Ion: 63 Resp: 23403
Ion Ratio Lower Upper
63 100
106 0.0 21.4 32.0#

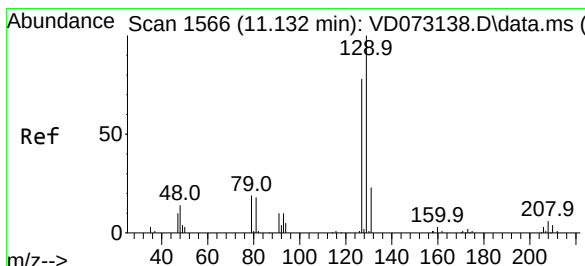
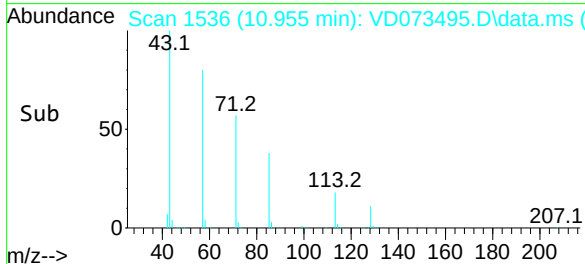
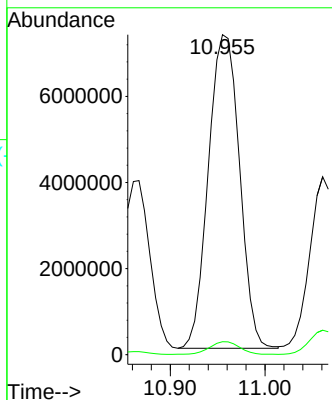
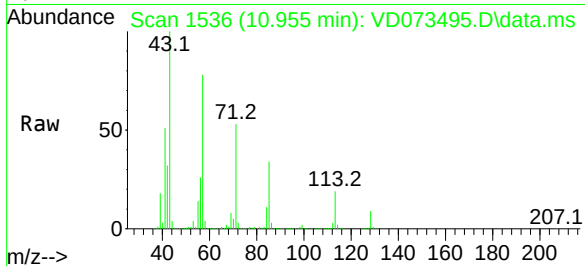




#59
2-Hexanone
Concen: 15877.472 ug/l
RT: 10.955 min Scan# 11
Delta R.T. -0.018 min
Lab File: VD073495.D
Acq: 07 Jun 2022 12:40

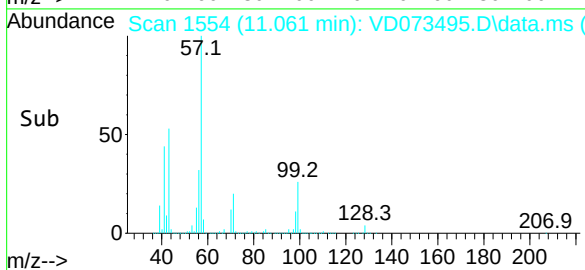
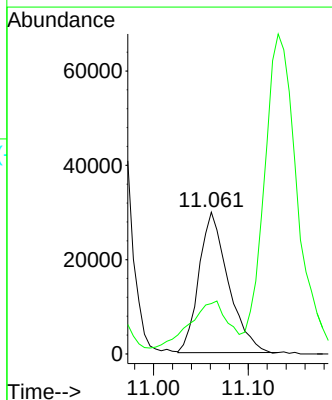
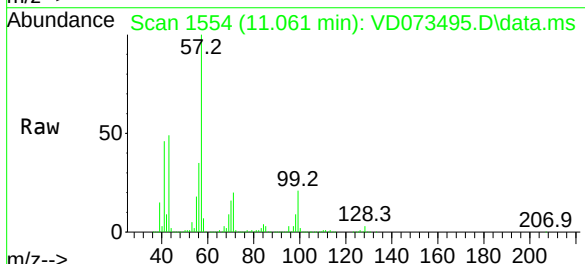
Instrument :
MSVOA_D
ClientSampleId :
WC-14B-4

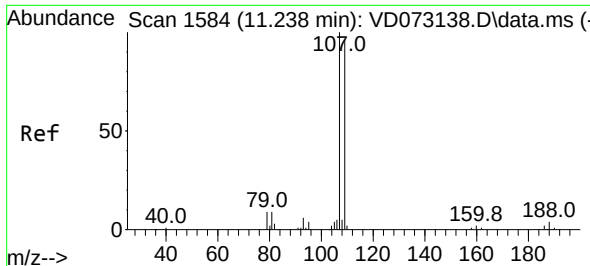
Tgt Ion: 43 Resp:16650280
Ion Ratio Lower Upper
43 100
58 4.0 25.3 75.9#



#60
Dibromochloromethane
Concen: 22.723 ug/l
RT: 11.061 min Scan# 1554
Delta R.T. -0.071 min
Lab File: VD073495.D
Acq: 07 Jun 2022 12:40

Tgt Ion:129 Resp: 64068
Ion Ratio Lower Upper
129 100
127 43.0 39.2 117.6

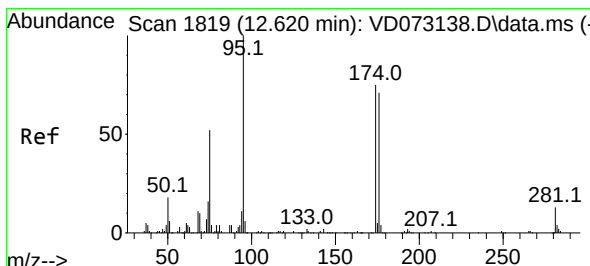
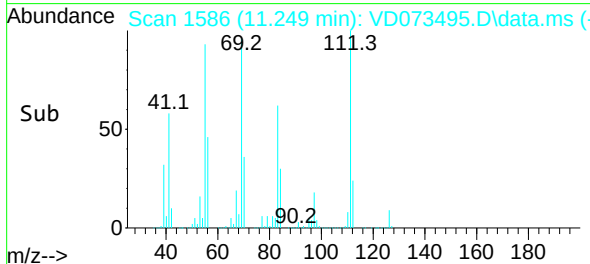
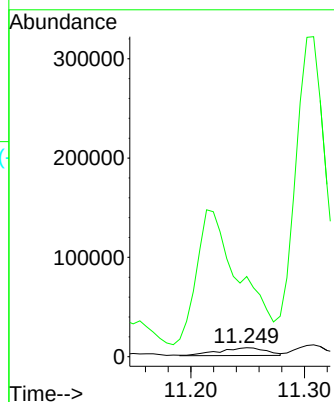
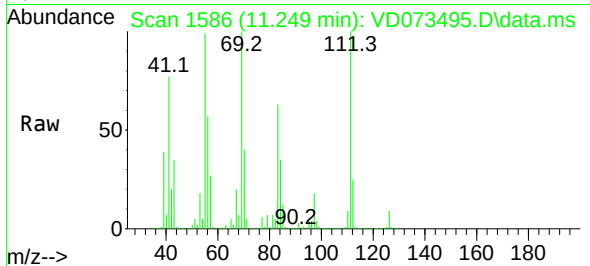




#61
1,2-Dibromoethane
Concen: 10.466 ug/l
RT: 11.249 min Scan# 11
Delta R.T. 0.011 min
Lab File: VD073495.D
Acq: 07 Jun 2022 12:40

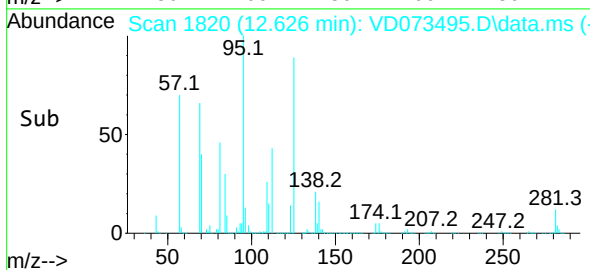
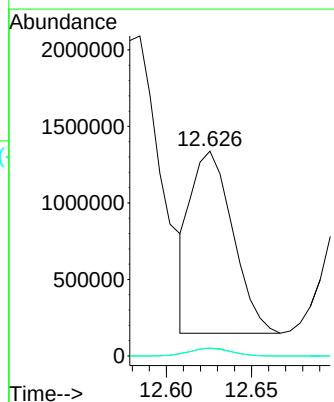
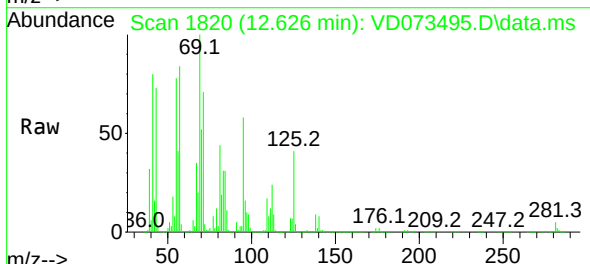
Instrument :
MSVOA_D
ClientSampleId :
WC-14B-4

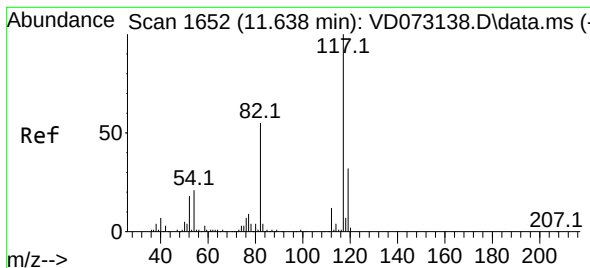
Tgt Ion:107 Resp: 22614
Ion Ratio Lower Upper
107 100
109 0.0 74.2 111.4#



#62
4-Bromofluorobenzene
Concen: 565.473 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD073495.D
Acq: 07 Jun 2022 12:40

Tgt Ion: 95 Resp: 2040284
Ion Ratio Lower Upper
95 100
174 4.3 0.0 152.8
176 4.2 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.637 min Scan# 1

Delta R.T. -0.001 min

Lab File: VD073495.D

Acq: 07 Jun 2022 12:40

Instrument :

MSVOA_D

ClientSampleId :

WC-14B-4

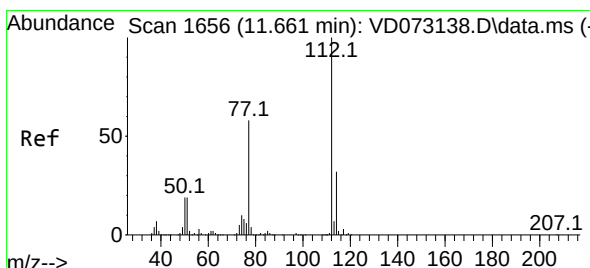
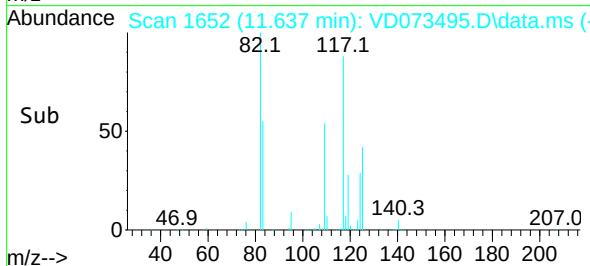
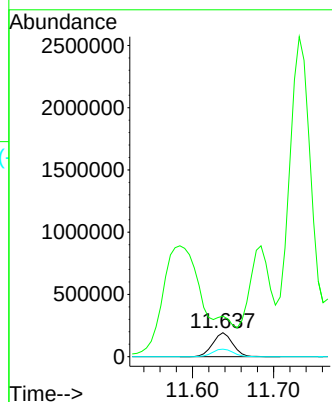
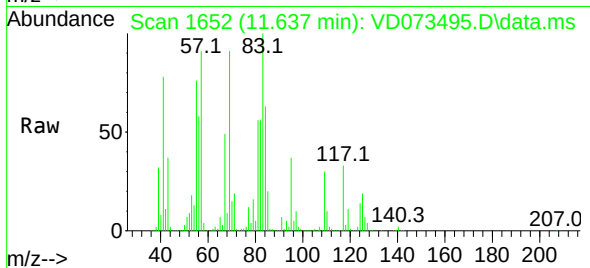
Tgt Ion:117 Resp: 328007

Ion Ratio Lower Upper

117 100

82 0.0 45.3 67.9#

119 31.5 26.6 40.0



#65

Chlorobenzene

Concen: 15.956 ug/l

RT: 11.673 min Scan# 1658

Delta R.T. 0.012 min

Lab File: VD073495.D

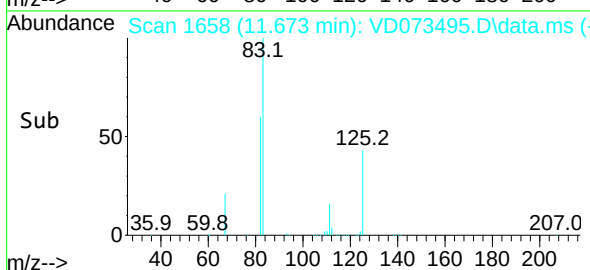
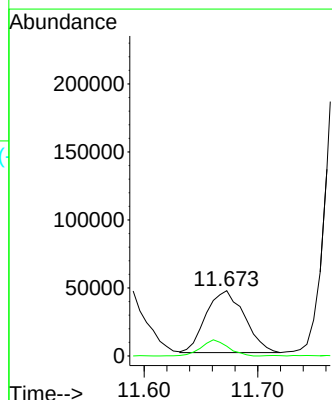
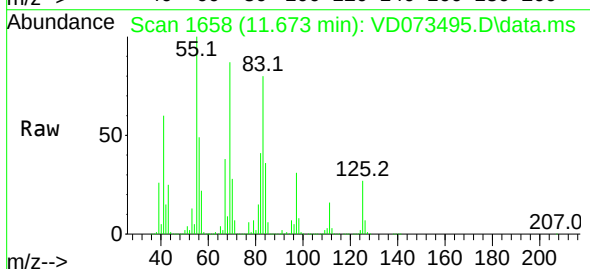
Acq: 07 Jun 2022 12:40

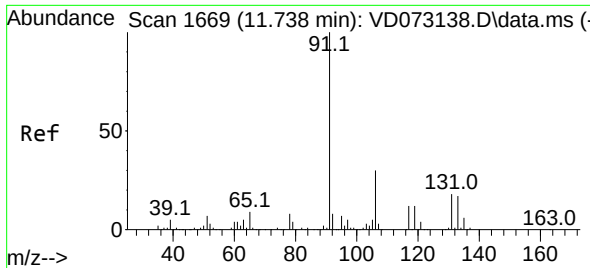
Tgt Ion:112 Resp: 107371

Ion Ratio Lower Upper

112 100

114 15.3 25.8 38.6#

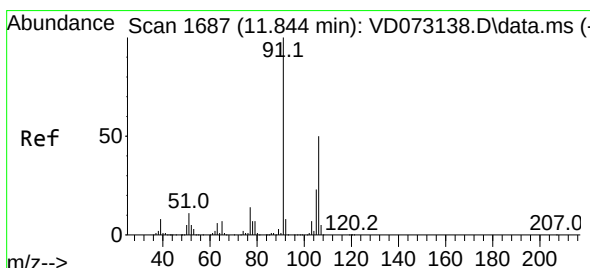
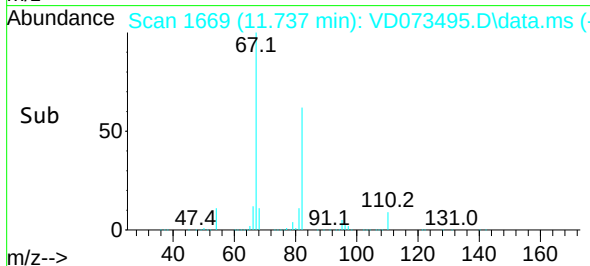
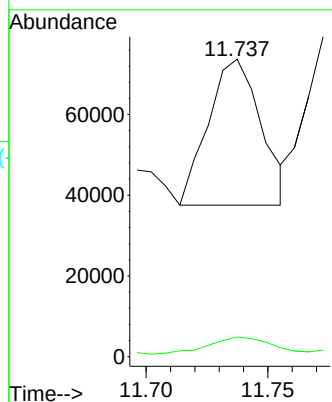
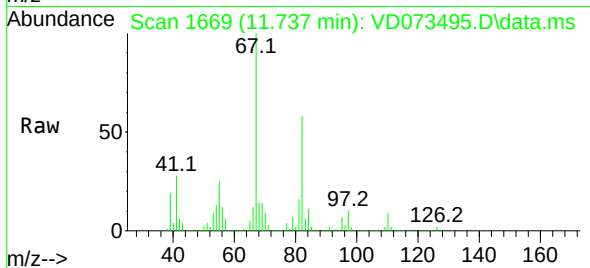




#67
Ethyl Benzene
Concen: 4.628 ug/l
RT: 11.737 min Scan# 1669
Delta R.T. -0.001 min
Lab File: VD073495.D
Acq: 07 Jun 2022 12:40

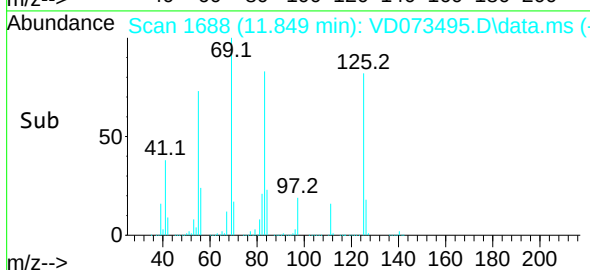
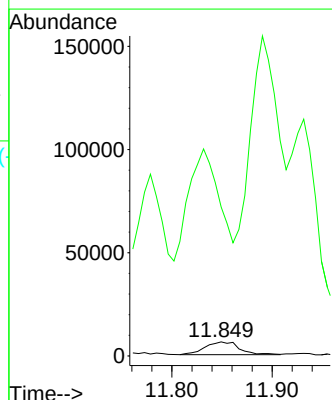
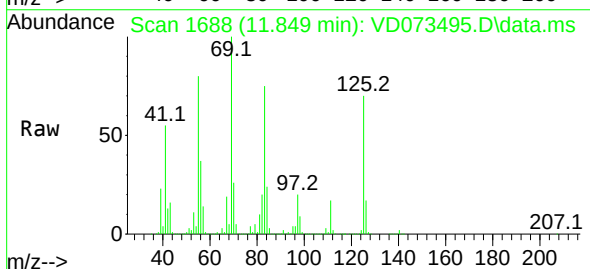
Instrument :
MSVOA_D
ClientSampleId :
WC-14B-4

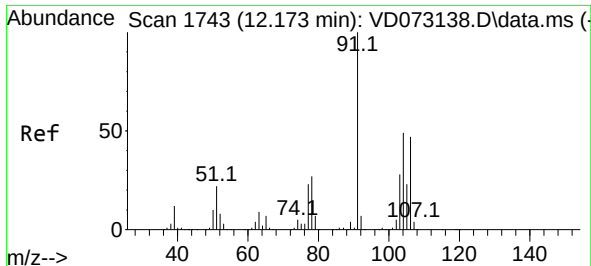
Tgt Ion: 91 Resp: 54673
Ion Ratio Lower Upper
91 100
106 9.5 24.2 36.4#



#68
m/p-Xylenes
Concen: 3.172 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. 0.005 min
Lab File: VD073495.D
Acq: 07 Jun 2022 12:40

Tgt Ion: 106 Resp: 14557
Ion Ratio Lower Upper
106 100
91 769.5 163.7 245.5#

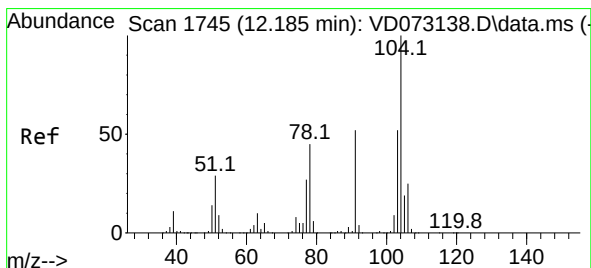
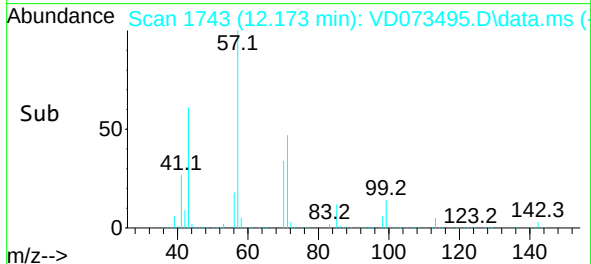
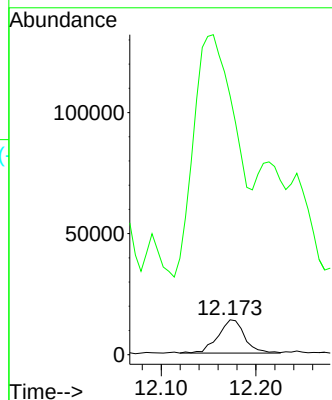
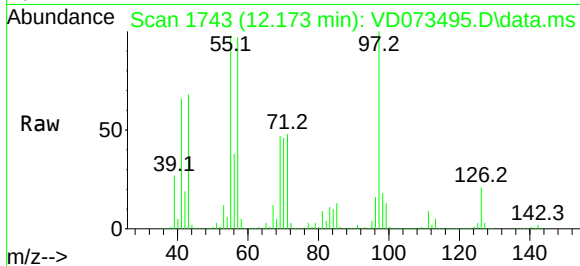




#69
o-Xylene
Concen: 6.358 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD073495.D
Acq: 07 Jun 2022 12:40

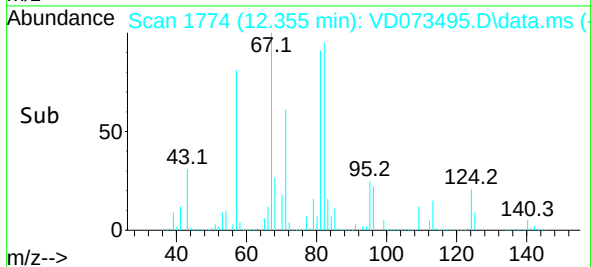
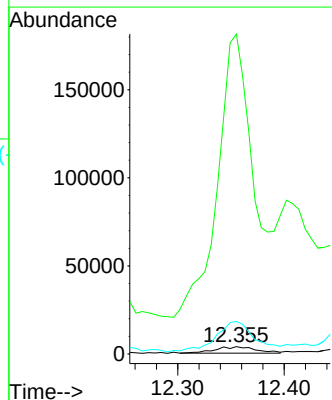
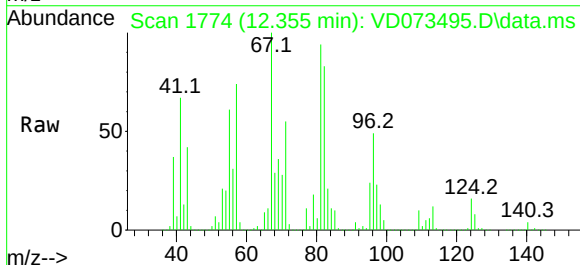
Instrument :
MSVOA_D
ClientSampleId :
WC-14B-4

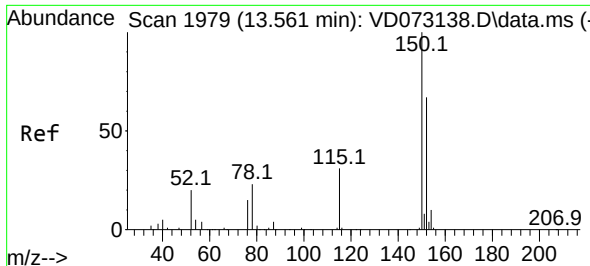
Tgt Ion:106 Resp: 26806
Ion Ratio Lower Upper
106 100
91 1166.8 110.4 331.2#



#70
Styrene
Concen: 1.339 ug/l
RT: 12.355 min Scan# 1774
Delta R.T. 0.170 min
Lab File: VD073495.D
Acq: 07 Jun 2022 12:40

Tgt Ion:104 Resp: 9709
Ion Ratio Lower Upper
104 100
78 3768.3 41.8 62.8#
103 453.3 44.2 66.4#

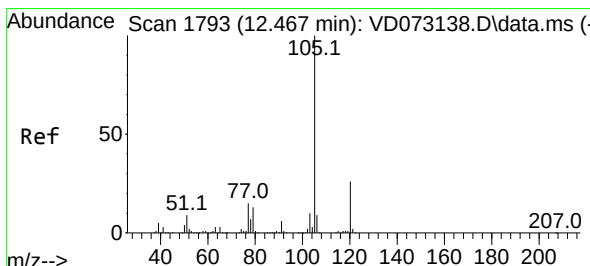
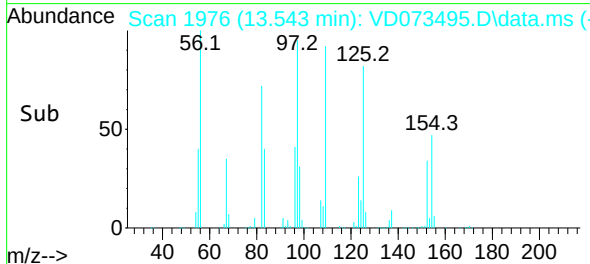
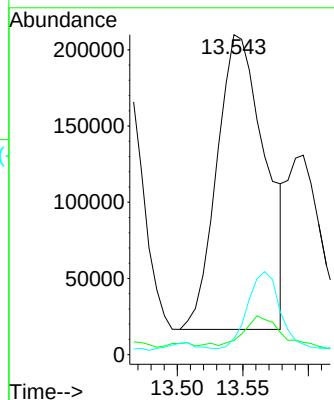
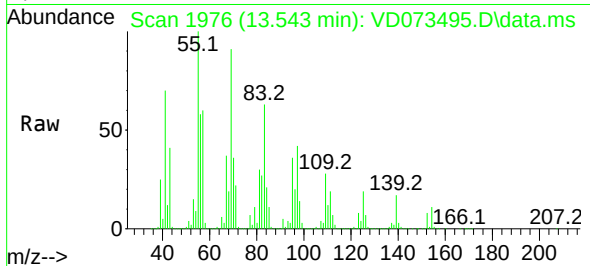




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.543 min Scan# 1976
Delta R.T. -0.018 min
Lab File: VD073495.D
Acq: 07 Jun 2022 12:40

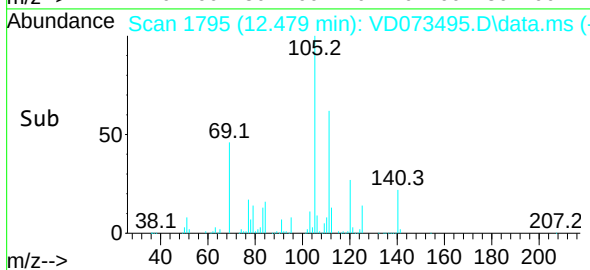
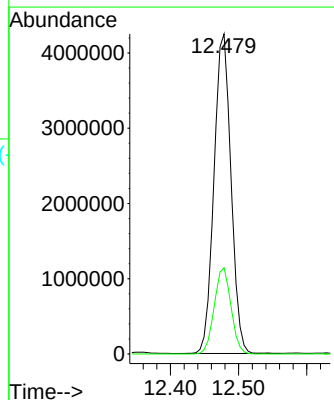
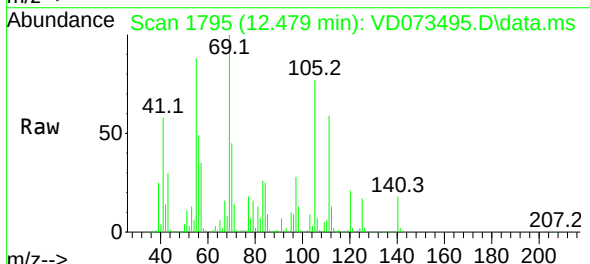
Instrument :
MSVOA_D
ClientSampleId :
WC-14B-4

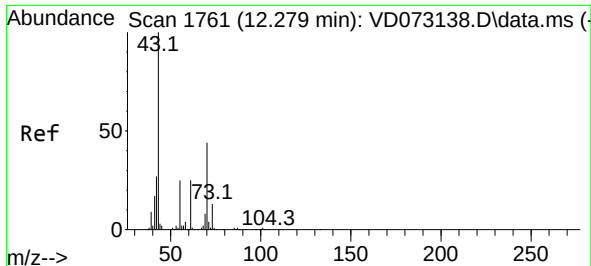
Tgt Ion:152 Resp: 495673
Ion Ratio Lower Upper
152 100
115 0.0 31.3 93.8#
150 0.0 0.0 348.6



#73
Isopropylbenzene
Concen: 208.552 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. 0.012 min
Lab File: VD073495.D
Acq: 07 Jun 2022 12:40

Tgt Ion:105 Resp: 7369417
Ion Ratio Lower Upper
105 100
120 26.5 13.0 38.9



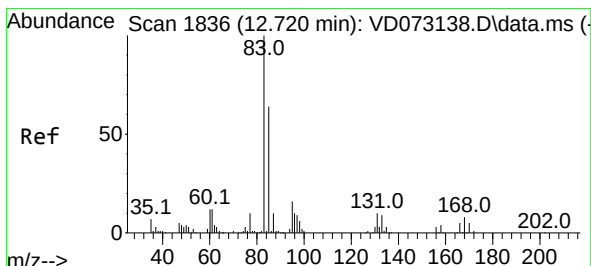
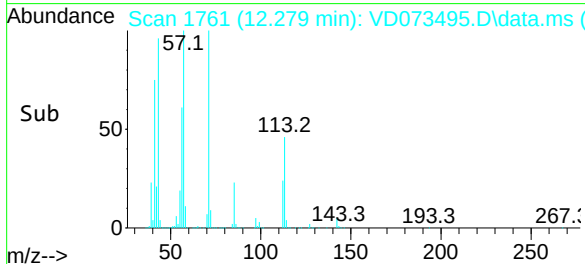
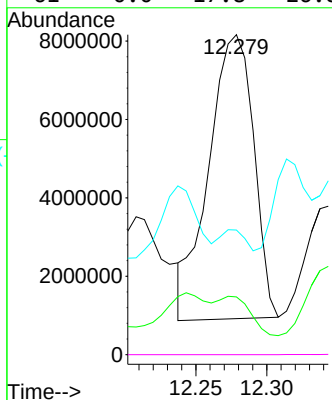
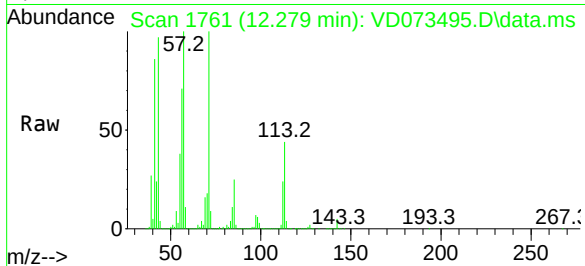


#74
N-amy1 acetate
Concen: 2067.834 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD073495.D
Acq: 07 Jun 2022 12:40

Instrument :
MSVOA_D
ClientSampleId :
WC-14B-4

Tgt Ion: 43 Resp:15940252

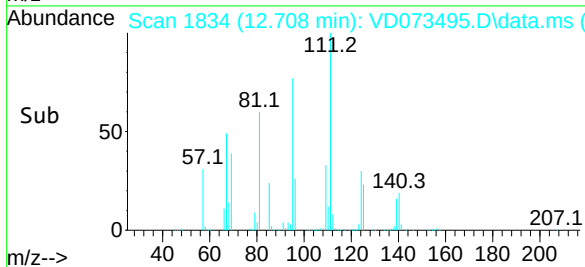
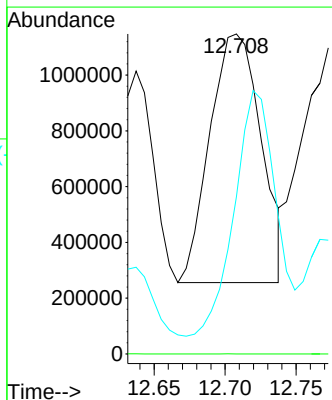
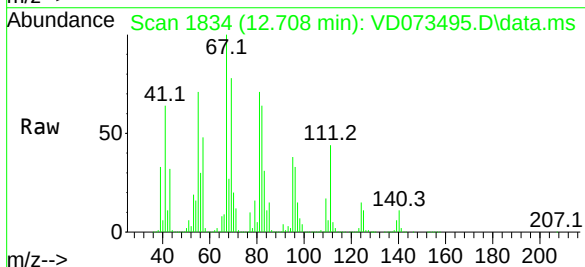
Ion	Ratio	Lower	Upper
43	100		
70	0.0	31.3	46.9#
55	0.0	20.0	30.0#
61	0.0	17.8	26.8#

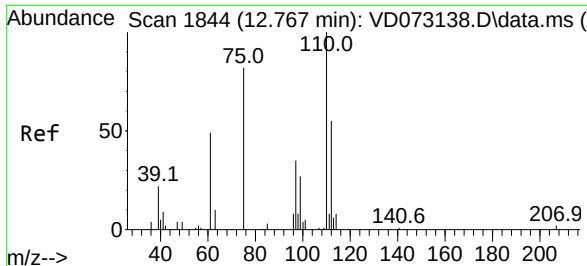


#75
1,1,2,2-Tetrachloroethane
Concen: 343.873 ug/l
RT: 12.708 min Scan# 1834
Delta R.T. -0.012 min
Lab File: VD073495.D
Acq: 07 Jun 2022 12:40

Tgt Ion: 83 Resp: 2241049

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.0	14.9#
85	0.0	32.6	98.0#

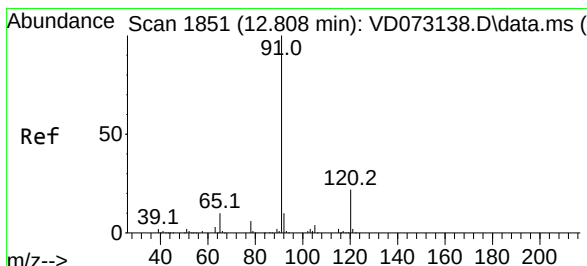
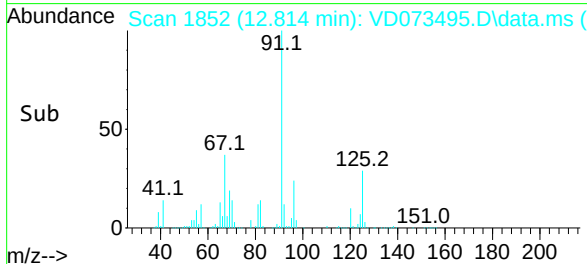
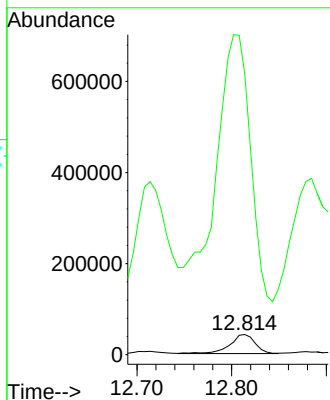
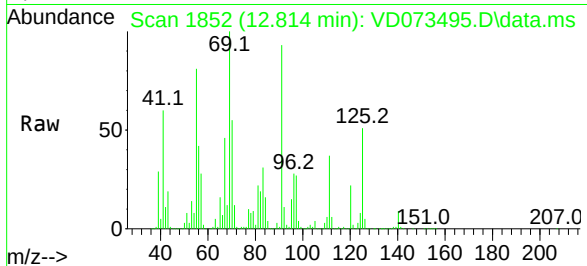




#76
1,2,3-Trichloropropane
Concen: 15.829 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.047 min
Lab File: VD073495.D
Acq: 07 Jun 2022 12:40

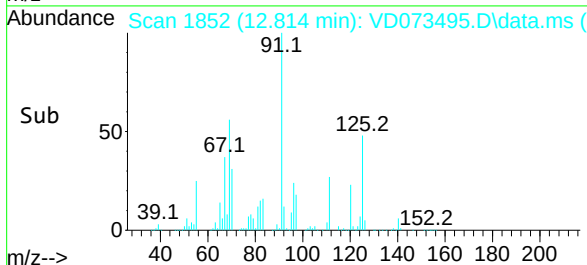
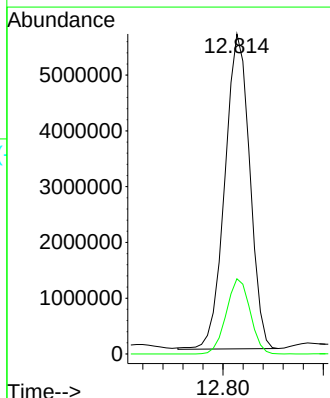
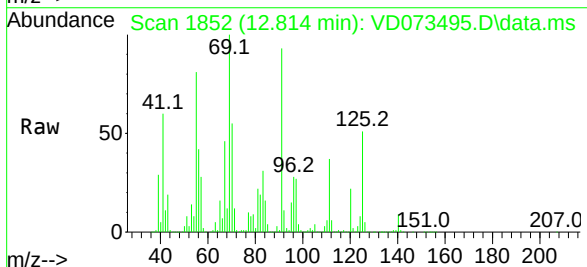
Instrument :
MSVOA_D
ClientSampleId :
WC-14B-4

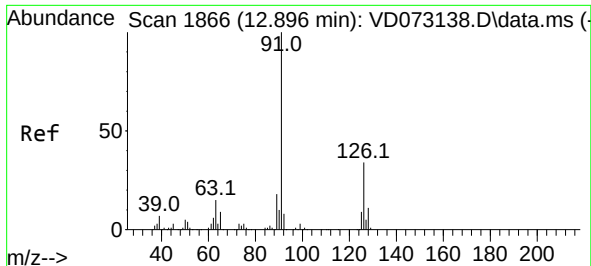
Tgt Ion: 75 Resp: 76984
Ion Ratio Lower Upper
75 100
77 1899.8 0.0 0.0#



#78
n-propylbenzene
Concen: 219.130 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VD073495.D
Acq: 07 Jun 2022 12:40

Tgt Ion: 91 Resp: 9721001
Ion Ratio Lower Upper
91 100
120 22.8 10.9 32.9

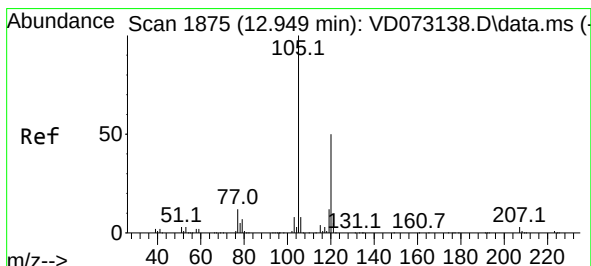
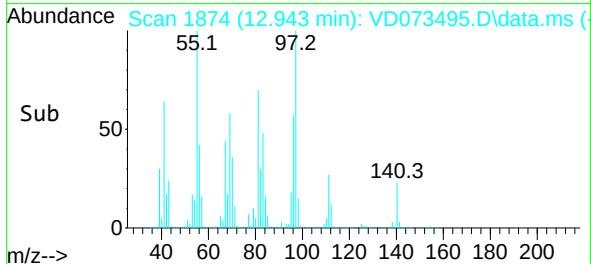
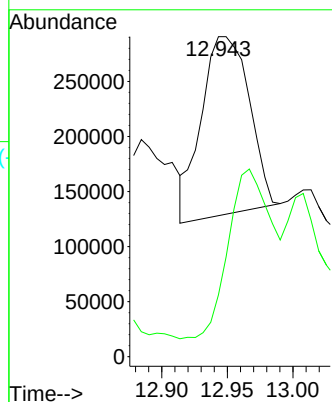
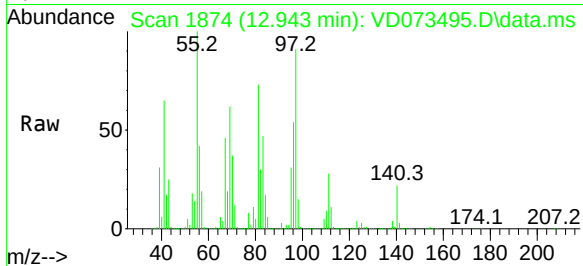




#79
2-Chlorotoluene
Concen: 16.101 ug/l
RT: 12.943 min Scan# 11
Delta R.T. 0.047 min
Lab File: VD073495.D
Acq: 07 Jun 2022 12:40

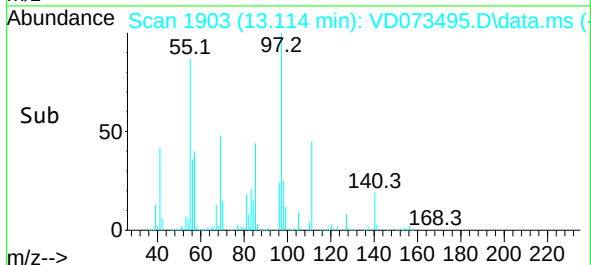
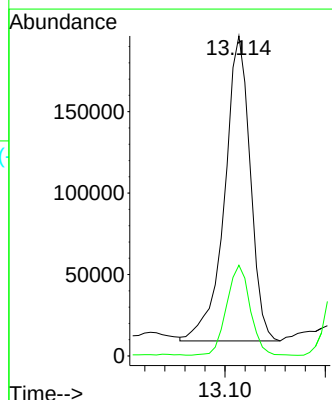
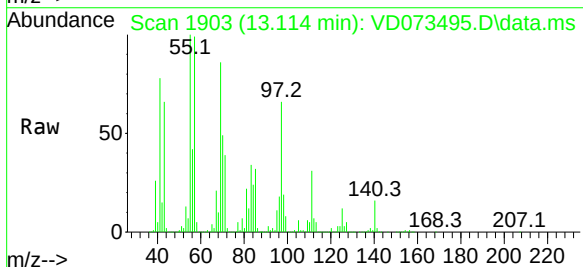
Instrument :
MSVOA_D
ClientSampleId :
WC-14B-4

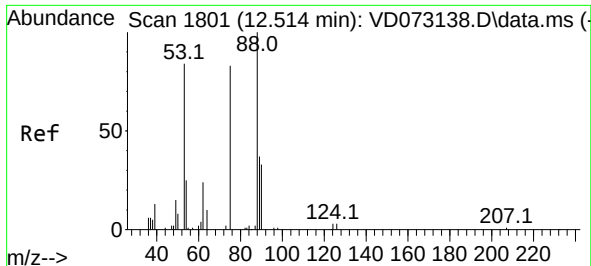
Tgt Ion: 91 Resp: 412411
Ion Ratio Lower Upper
91 100
126 0.0 16.2 48.6#



#80
1,3,5-Trimethylbenzene
Concen: 11.096 ug/l
RT: 13.114 min Scan# 1903
Delta R.T. 0.165 min
Lab File: VD073495.D
Acq: 07 Jun 2022 12:40

Tgt Ion: 105 Resp: 332142
Ion Ratio Lower Upper
105 100
120 27.1 24.3 72.8

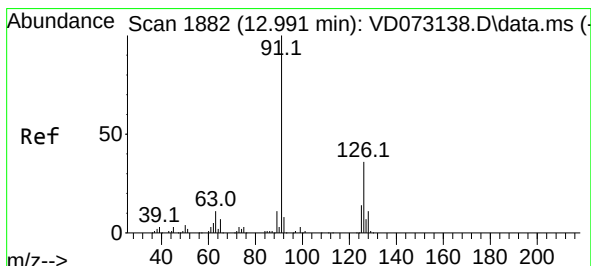
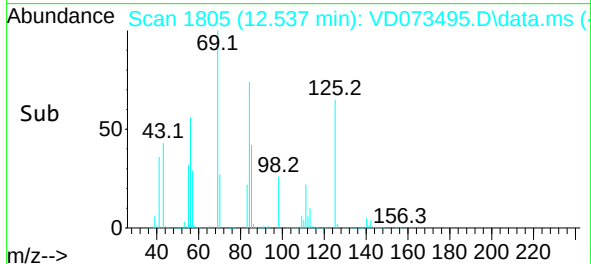
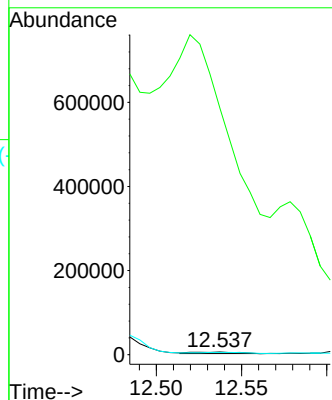
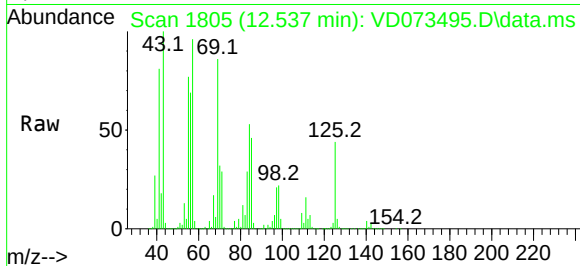




#81
trans-1,4-Dichloro-2-butene
Concen: 3.306 ug/l
RT: 12.537 min Scan# 1805
Delta R.T. 0.023 min
Lab File: VD073495.D
Acq: 07 Jun 2022 12:40

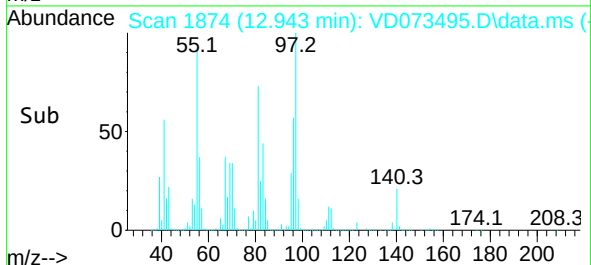
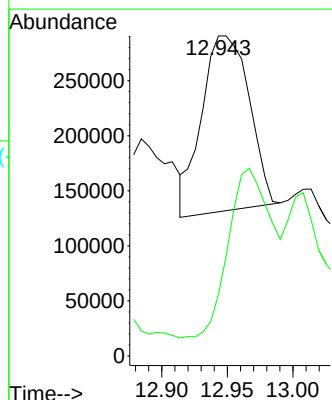
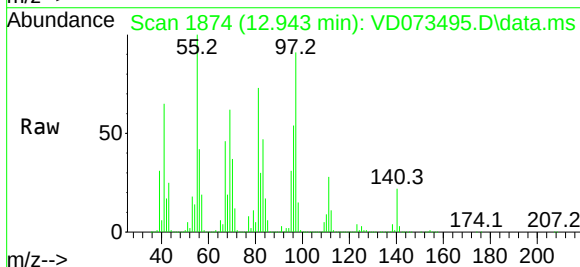
Instrument :
MSVOA_D
ClientSampleId :
WC-14B-4

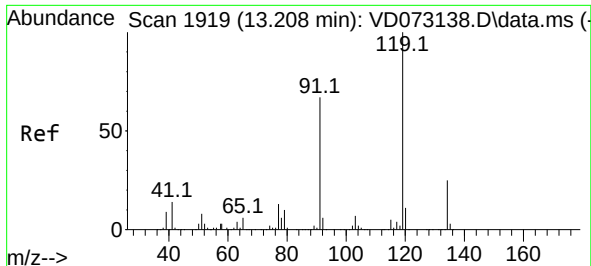
Tgt Ion: 75 Resp: 6697
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#



#82
4-Chlorotoluene
Concen: 14.974 ug/l
RT: 12.943 min Scan# 1874
Delta R.T. -0.048 min
Lab File: VD073495.D
Acq: 07 Jun 2022 12:40

Tgt Ion: 91 Resp: 402024
Ion Ratio Lower Upper
91 100
126 0.0 16.5 49.5#

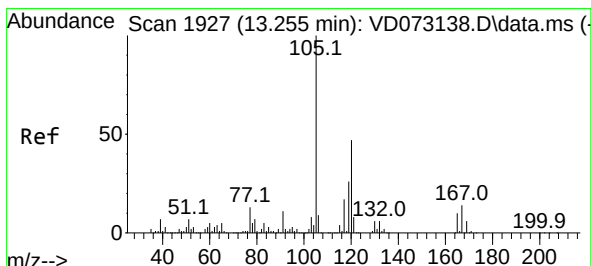
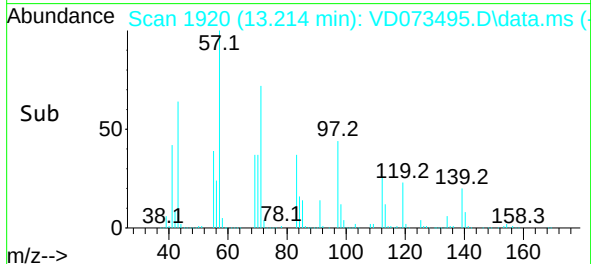
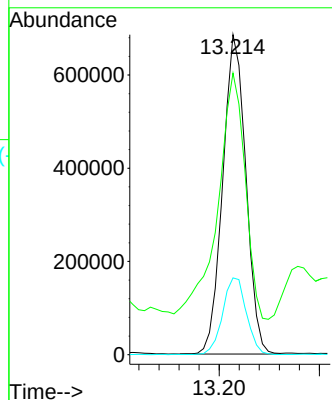
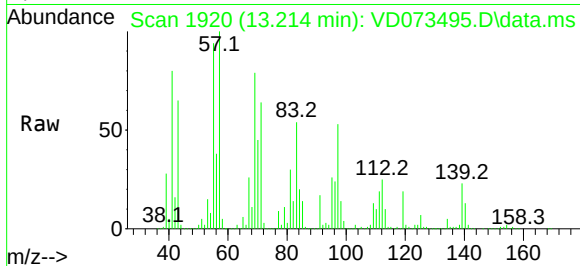




#83
tert-Butylbenzene
Concen: 43.588 ug/l
RT: 13.214 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VD073495.D
Acq: 07 Jun 2022 12:40

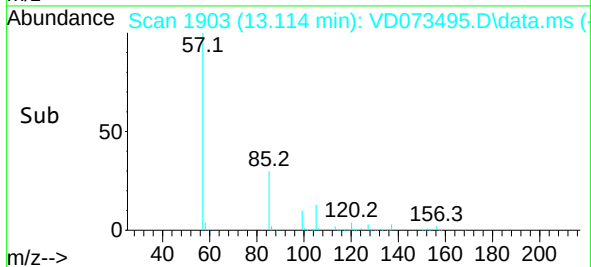
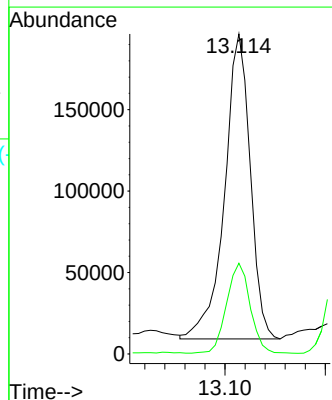
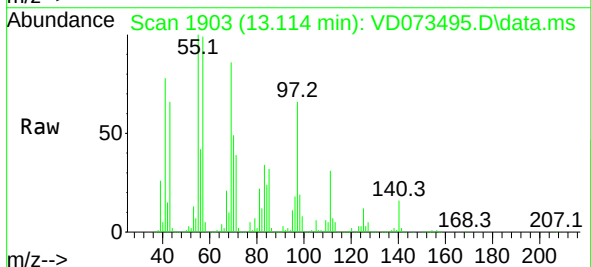
Instrument :
MSVOA_D
ClientSampleId :
WC-14B-4

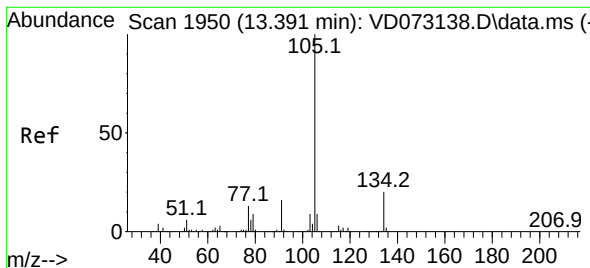
Tgt Ion:119 Resp: 1099613
Ion Ratio Lower Upper
119 100
91 91.6 34.8 104.5
134 24.5 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 11.232 ug/l
RT: 13.114 min Scan# 1903
Delta R.T. -0.141 min
Lab File: VD073495.D
Acq: 07 Jun 2022 12:40

Tgt Ion:105 Resp: 332142
Ion Ratio Lower Upper
105 100
120 27.1 22.3 66.8





#85

sec-Butylbenzene

Concen: 200.568 ug/l

RT: 13.390 min Scan# 1950

Delta R.T. -0.001 min

Lab File: VD073495.D

Acq: 07 Jun 2022 12:40

Instrument :

MSVOA_D

ClientSampleId :

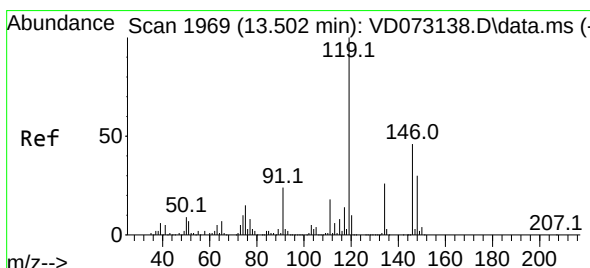
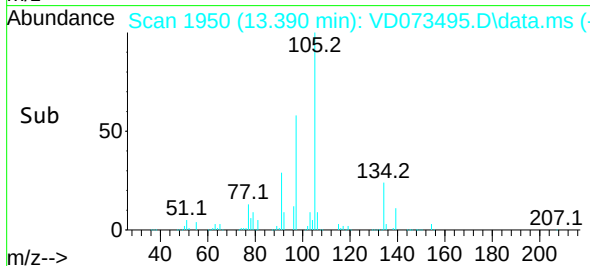
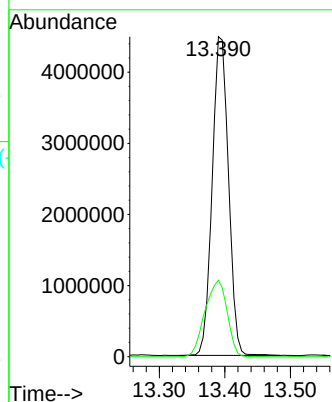
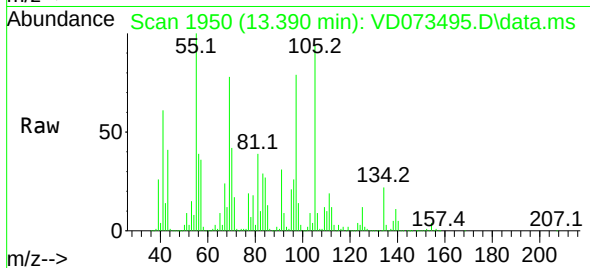
WC-14B-4

Tgt Ion:105 Resp: 7725972

Ion Ratio Lower Upper

105 100

134 32.6 9.8 29.3#



#86

p-Isopropyltoluene

Concen: 64.717 ug/l

RT: 13.661 min Scan# 1996

Delta R.T. 0.159 min

Lab File: VD073495.D

Acq: 07 Jun 2022 12:40

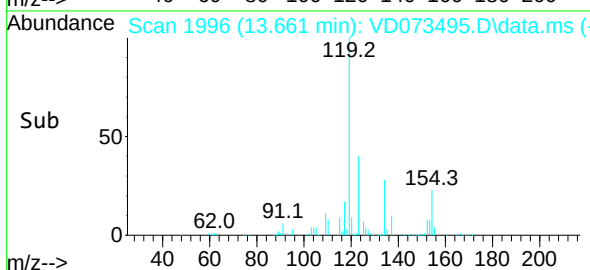
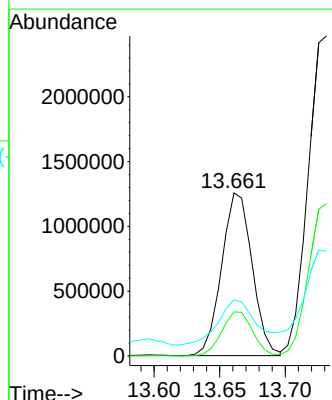
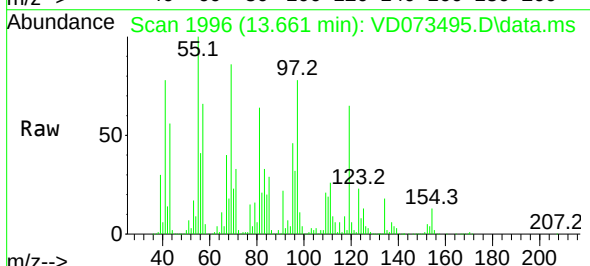
Tgt Ion:119 Resp: 2032153

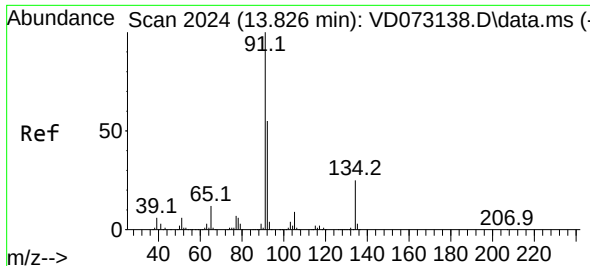
Ion Ratio Lower Upper

119 100

134 27.5 12.9 38.6

91 33.4 12.1 36.3





#89

n-Butylbenzene

Concen: 120.256 ug/l

RT: 13.831 min Scan# 2024

Delta R.T. 0.005 min

Lab File: VD073495.D

Acq: 07 Jun 2022 12:40

Instrument :

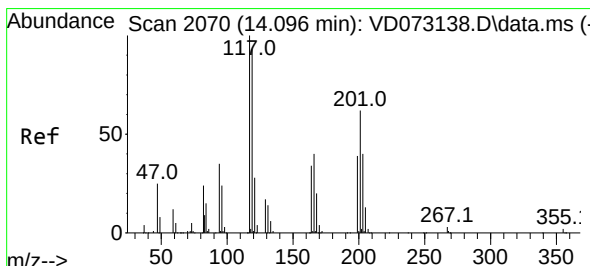
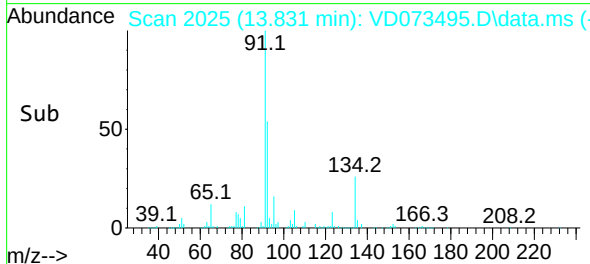
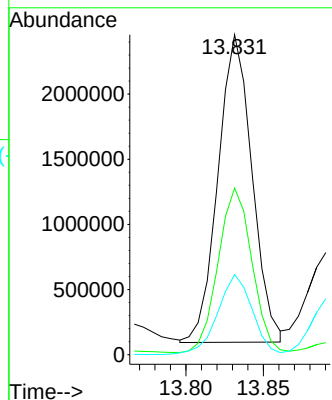
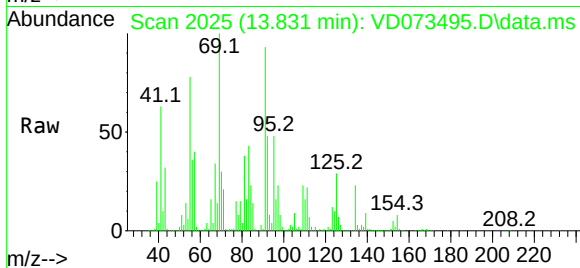
MSVOA_D

ClientSampleId :

WC-14B-4

Tgt Ion: 91 Resp: 3597929

Ion	Ratio	Lower	Upper
91	100		
92	53.6	26.6	79.8
134	26.3	12.3	36.9



#90

Hexachloroethane

Concen: 202.819 ug/l

RT: 14.108 min Scan# 2072

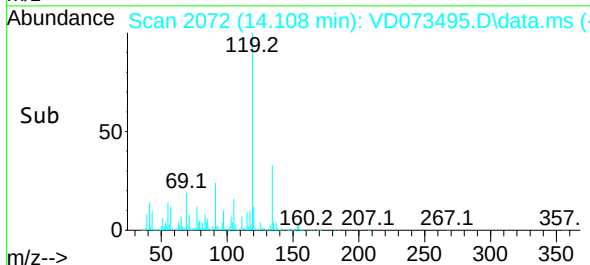
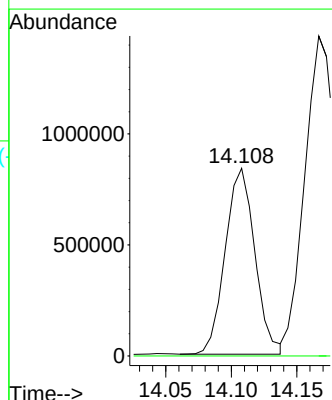
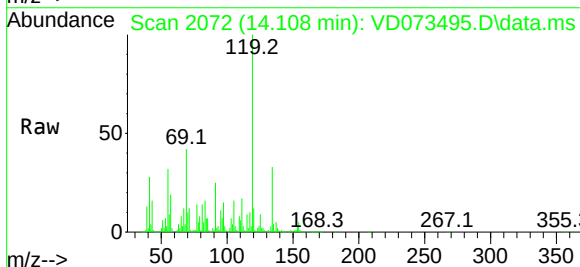
Delta R.T. 0.012 min

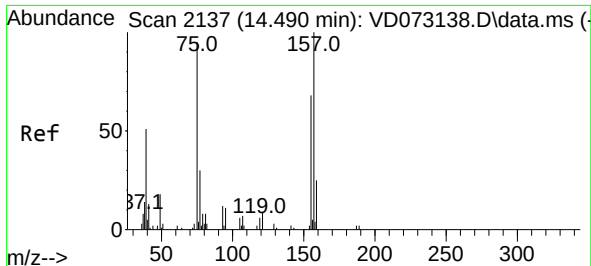
Lab File: VD073495.D

Acq: 07 Jun 2022 12:40

Tgt Ion: 117 Resp: 1317765

Ion	Ratio	Lower	Upper
117	100		
201	0.0	33.4	100.2





#92

1,2-Dibromo-3-Chloropropane

Concen: 22.689 ug/l

RT: 14.508 min Scan# 2137

Delta R.T. 0.018 min

Lab File: VD073495.D

Acq: 07 Jun 2022 12:40

Instrument :

MSVOA_D

ClientSampleId :

WC-14B-4

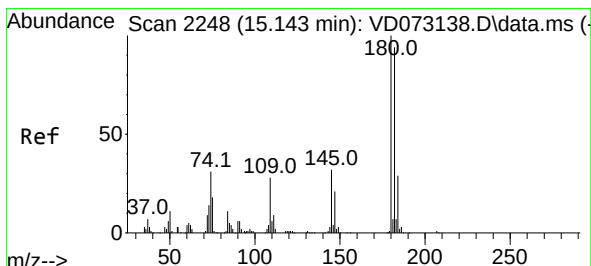
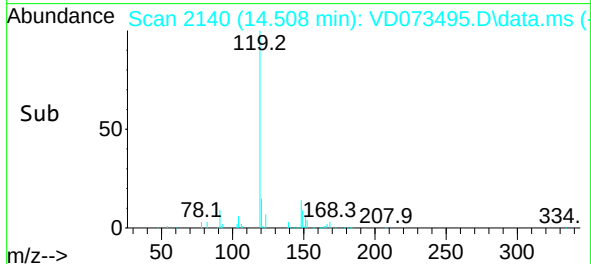
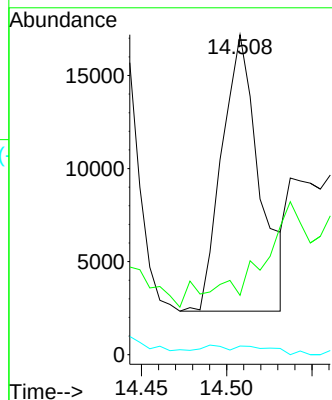
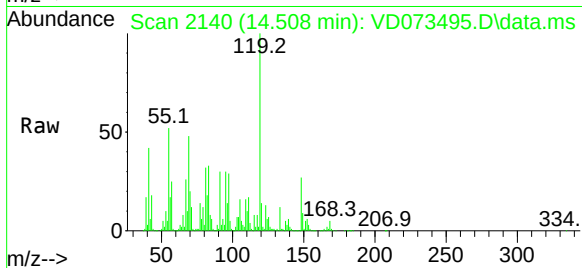
Tgt Ion: 75 Resp: 22644

Ion Ratio Lower Upper

75 100

155 0.0 36.8 110.3#

157 3.3 48.4 145.0#



#93

1,2,4-Trichlorobenzene

Concen: 3.373 ug/l

RT: 15.149 min Scan# 2249

Delta R.T. 0.006 min

Lab File: VD073495.D

Acq: 07 Jun 2022 12:40

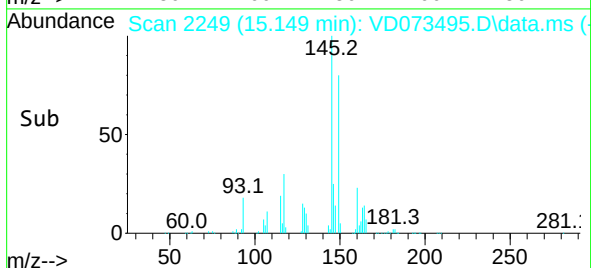
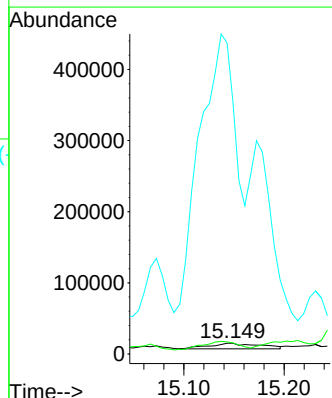
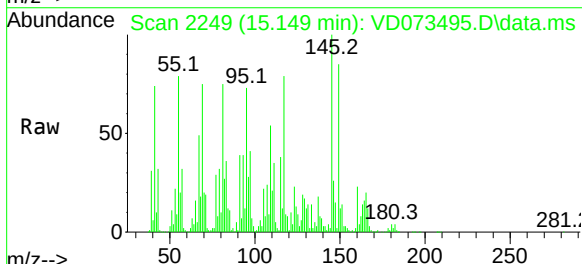
Tgt Ion:180 Resp: 27783

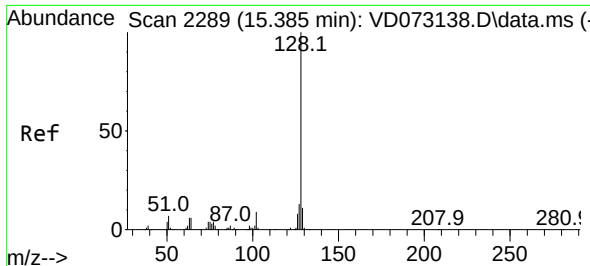
Ion Ratio Lower Upper

180 100

182 106.5 47.3 142.0

145 4379.5 16.2 48.5#

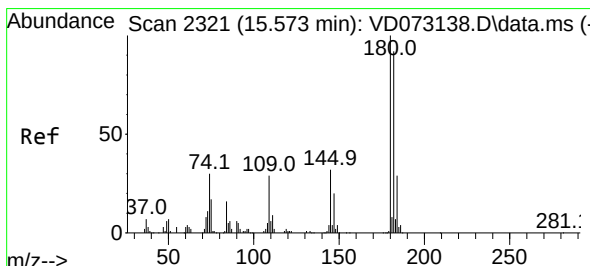
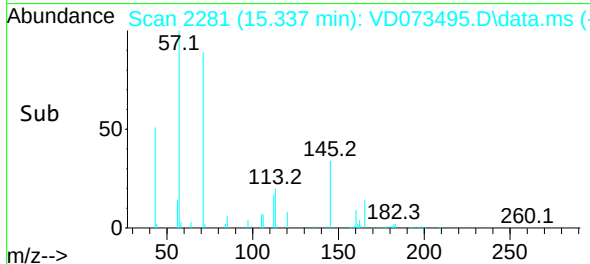
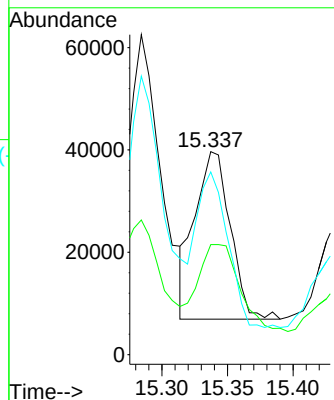
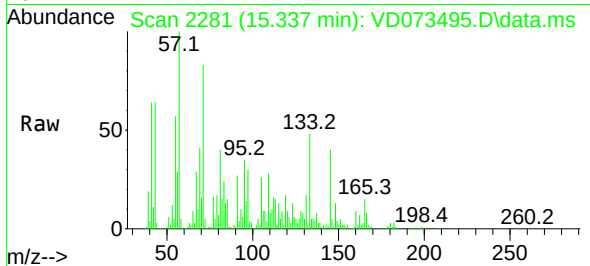




#95
Naphthalene
Concen: 7.078 ug/l
RT: 15.337 min Scan# 2115
Delta R.T. -0.048 min
Lab File: VD073495.D
Acq: 07 Jun 2022 12:40

Instrument :
MSVOA_D
ClientSampleId :
WC-14B-4

Tgt Ion:128 Resp: 61744
Ion Ratio Lower Upper
128 100
127 61.2 10.3 15.5#
129 80.5 8.4 12.6#



#96
1,2,3-Trichlorobenzene
Concen: 3.822 ug/l
RT: 15.537 min Scan# 2315
Delta R.T. -0.036 min
Lab File: VD073495.D
Acq: 07 Jun 2022 12:40

Tgt Ion:180 Resp: 27906
Ion Ratio Lower Upper
180 100
182 17.9 47.6 142.9#
145 822.1 17.1 51.3#

