

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032822\
 Data File : VD072453.D
 Acq On : 28 Mar 2022 19:19
 Operator : VA/SY
 Sample : N2103-03
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-200055

Quant Time: Mar 29 01:31:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

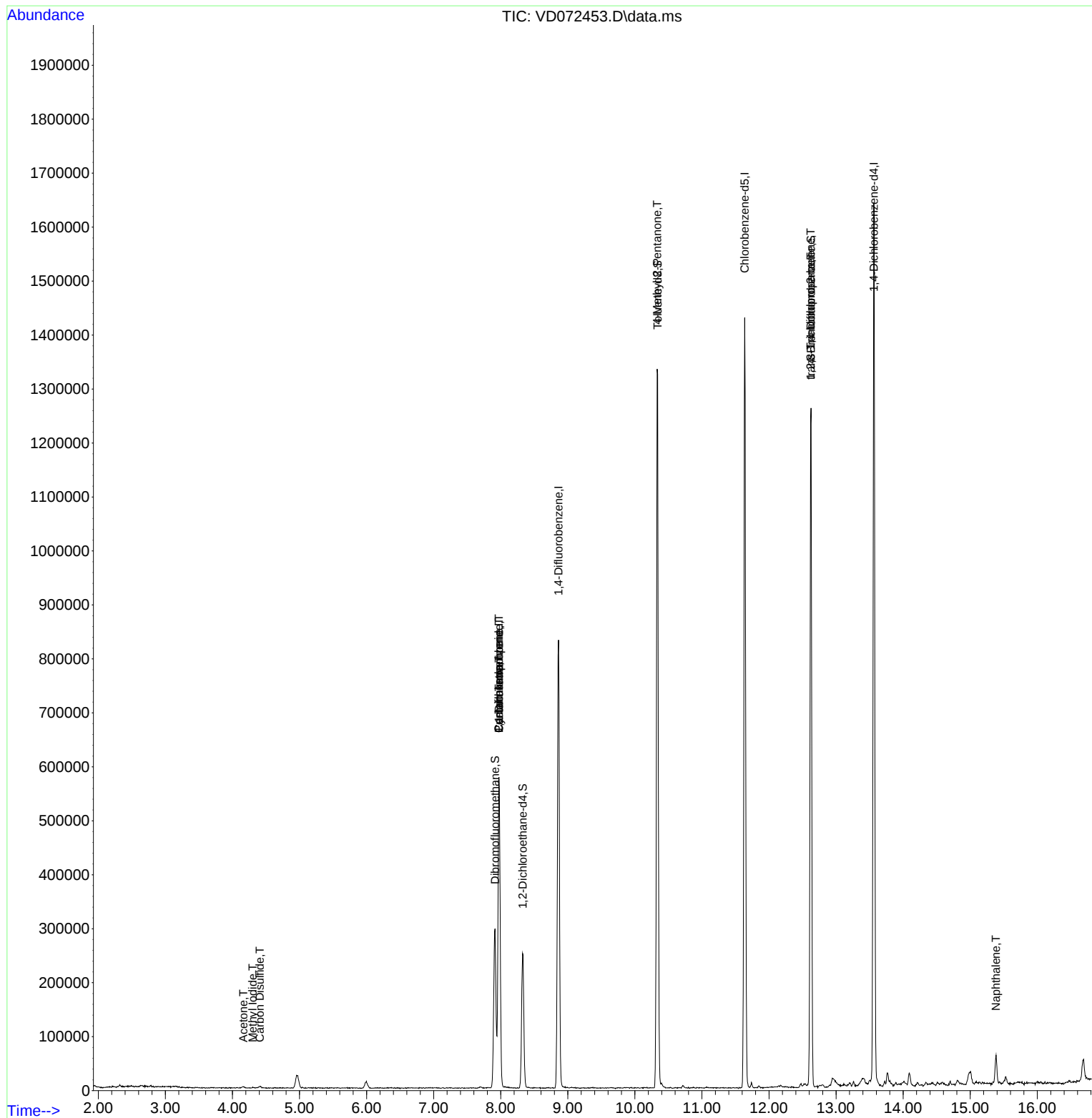
Internal Standards						
1) Pentafluorobenzene	7.973	168	416418	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	712046	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	818231	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	433003	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	203737	43.902	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	87.800%		
35) Dibromofluoromethane	7.914	113	215651	43.038	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	86.080%		
50) Toluene-d8	10.338	98	905402	49.417	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	98.840%		
62) 4-Bromofluorobenzene	12.626	95	433562	60.902	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	121.800%		
Target Compounds			Qvalue			
10) Methyl Iodide	4.303	142	981	2.447	ug/l #	83
16) Acetone	4.162	43	3937	3.907	ug/l #	81
17) Carbon Disulfide	4.409	76	5673	2.117	ug/l	99
20) Methylene Chloride	4.973	84	18406	Below Cal	#	83
31) Cyclohexane	7.973	56	10513	1.450	ug/l #	12
36) 1,1-Dichloropropene	7.973	75	34689	4.935	ug/l #	51
38) Carbon Tetrachloride	7.973	117	43419	5.434	ug/l #	16
51) 4-Methyl-2-Pentanone	10.332	43	4194	1.336	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	222602	46.604	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	222602	115.631	ug/l #	7
95) Naphthalene	15.385	128	47229	2.933	ug/l	97

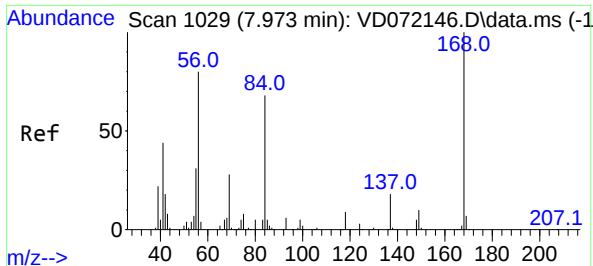
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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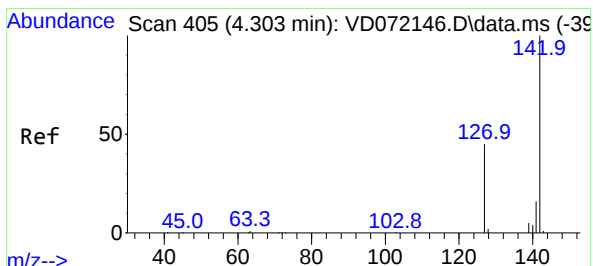
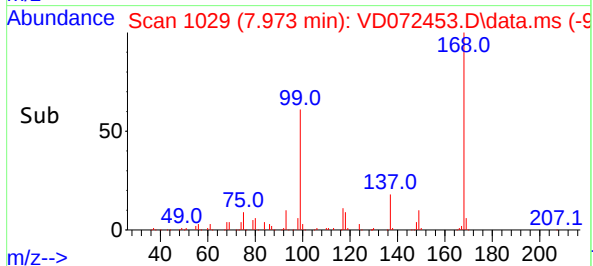
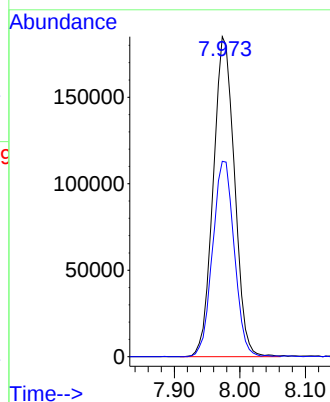
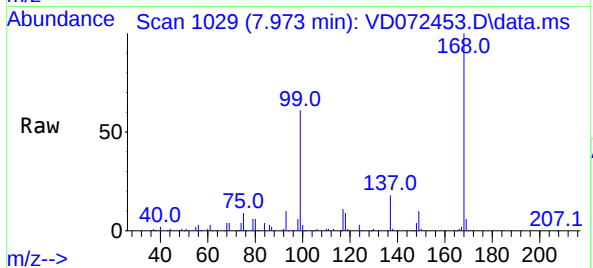




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072453.D
Acq: 28 Mar 2022 19:19

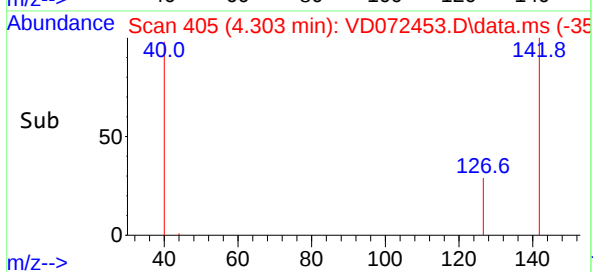
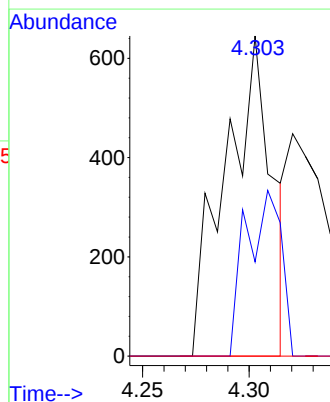
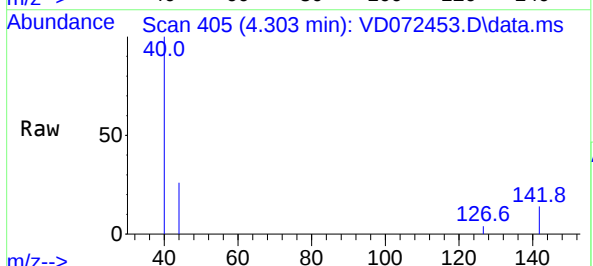
Instrument :
MSVOA_D
ClientSampleId :
RBR-200055

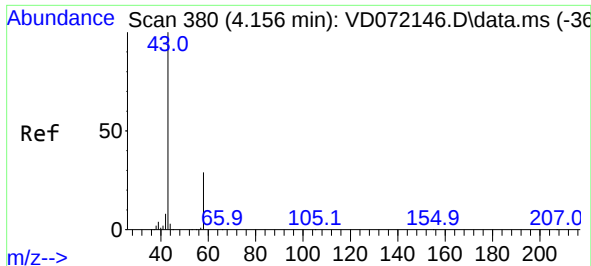
Tgt Ion:168 Resp: 416418
Ion Ratio Lower Upper
168 100
99 61.1 49.8 74.6



#10
Methyl Iodide
Concen: 2.447 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD072453.D
Acq: 28 Mar 2022 19:19

Tgt Ion:142 Resp: 981
Ion Ratio Lower Upper
142 100
127 39.1 37.3 55.9
141 0.0 11.7 17.5#

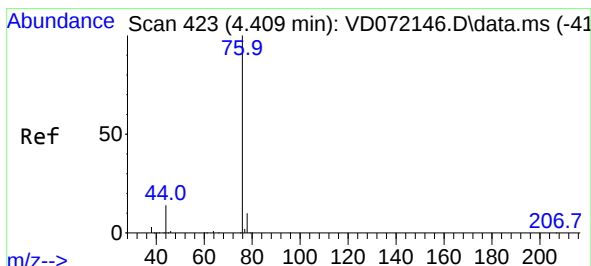
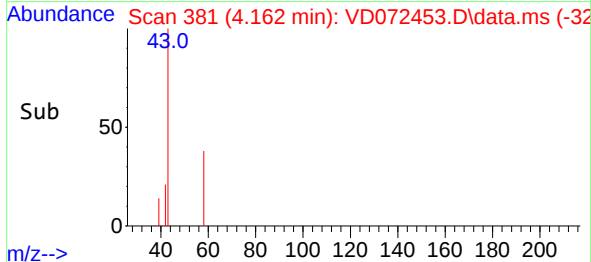
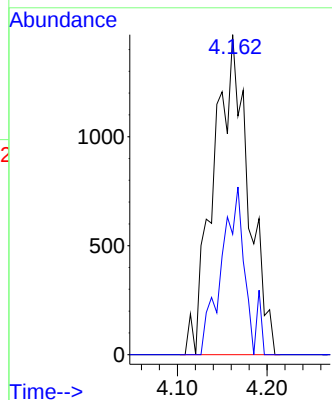
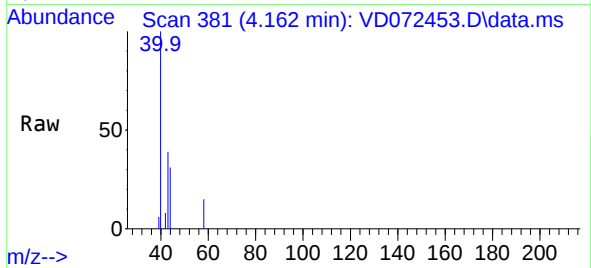




#16
Acetone
Concen: 3.907 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD072453.D
Acq: 28 Mar 2022 19:19

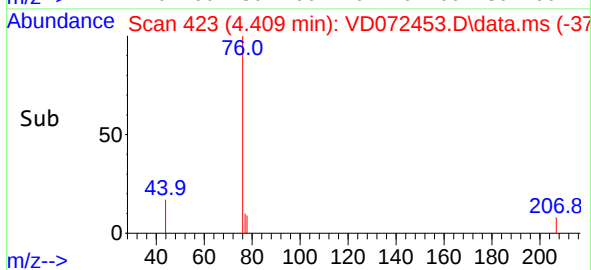
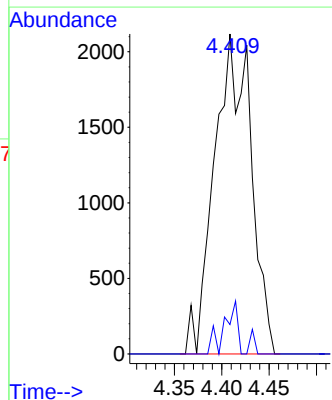
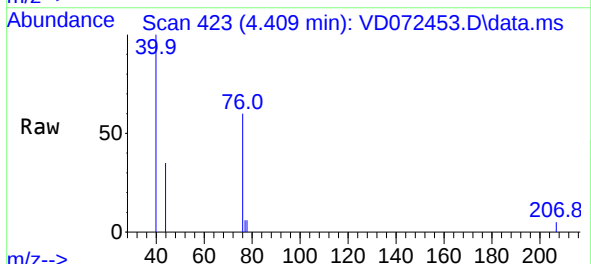
Instrument :
MSVOA_D
ClientSampleId :
RBR-200055

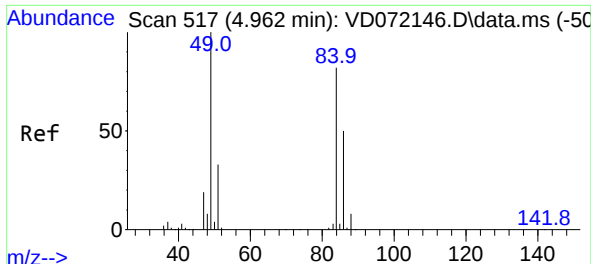
Tgt Ion: 43 Resp: 3937
Ion Ratio Lower Upper
43 100
58 37.7 22.1 33.1#



#17
Carbon Disulfide
Concen: 2.117 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD072453.D
Acq: 28 Mar 2022 19:19

Tgt Ion: 76 Resp: 5673
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3



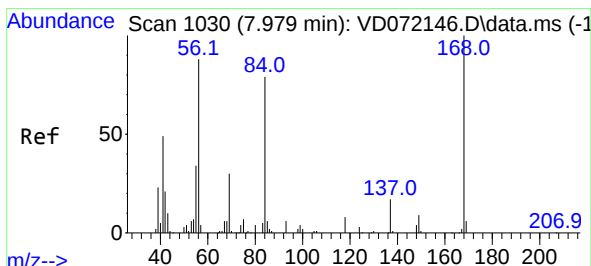
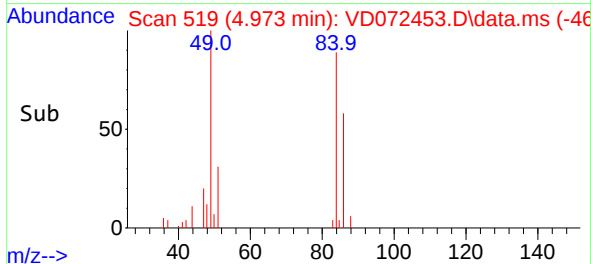
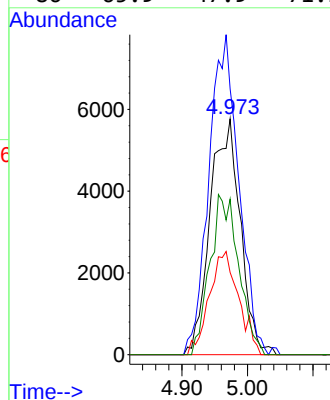
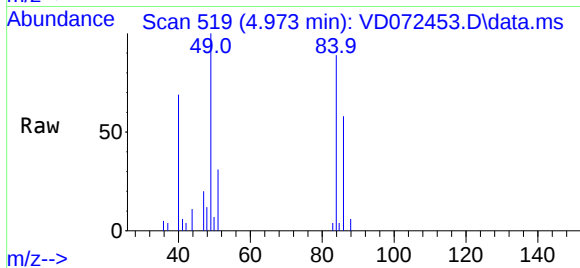


#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 517
Delta R.T. 0.011 min
Lab File: VD072453.D
Acq: 28 Mar 2022 19:19

Instrument :
MSVOA_D
ClientSampleId :
RBR-200055

Tgt Ion: 84 Resp: 18406

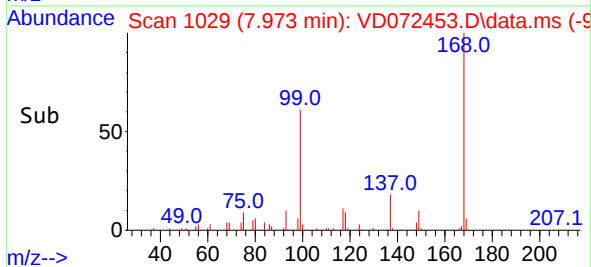
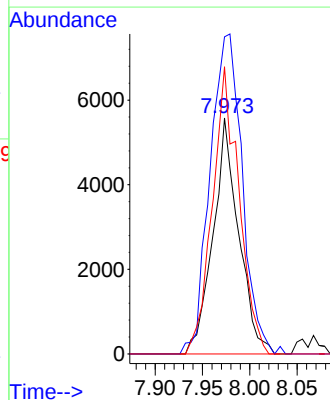
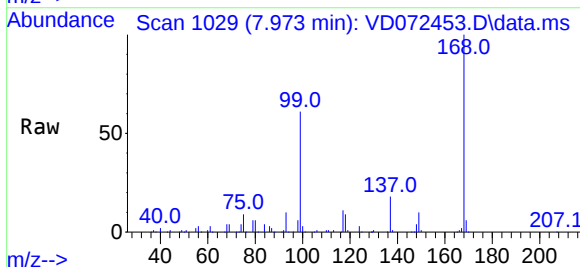
Ion	Ratio	Lower	Upper
84	100		
49	112.7	112.8	169.2#
51	34.9	32.6	48.8
86	65.9	47.9	71.9

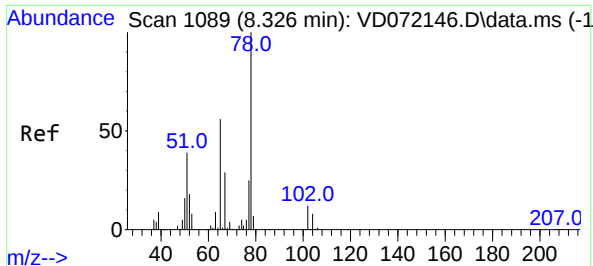


#31
Cyclohexane
Concen: 1.450 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072453.D
Acq: 28 Mar 2022 19:19

Tgt Ion: 56 Resp: 10513

Ion	Ratio	Lower	Upper
56	100		
69	134.4	25.4	38.2#
84	121.7	63.0	94.4#





#33

1,2-Dichloroethane-d4

Concen: 43.902 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072453.D

Acq: 28 Mar 2022 19:19

Instrument :

MSVOA_D

ClientSampleId :

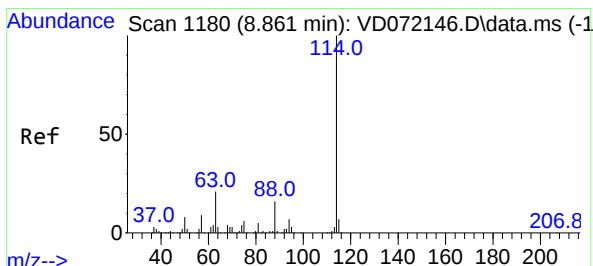
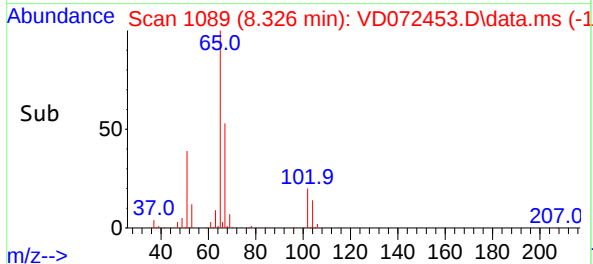
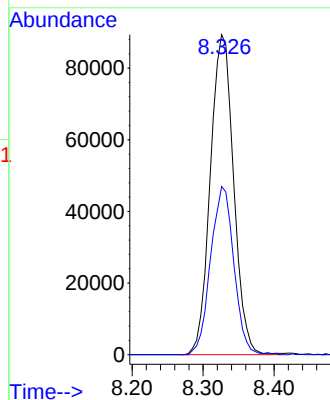
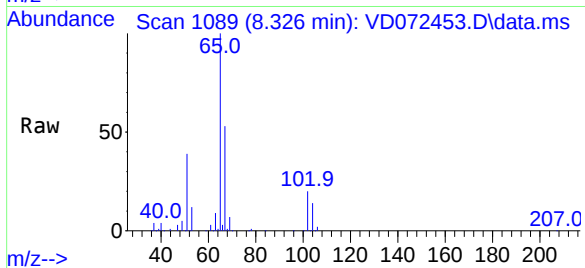
RBR-200055

Tgt Ion: 65 Resp: 203737

Ion Ratio Lower Upper

65 100

67 52.4 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD072453.D

Acq: 28 Mar 2022 19:19

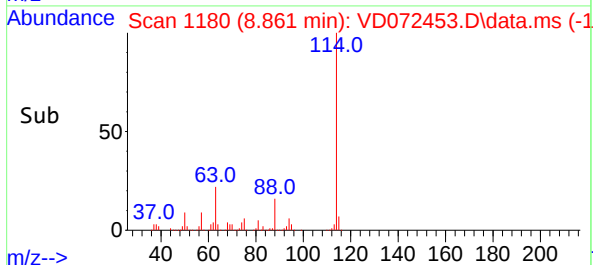
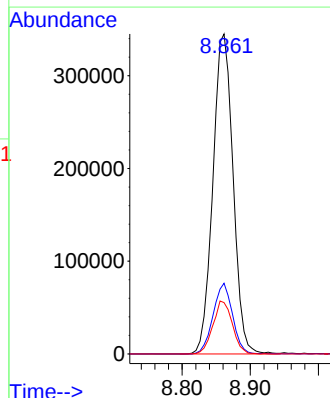
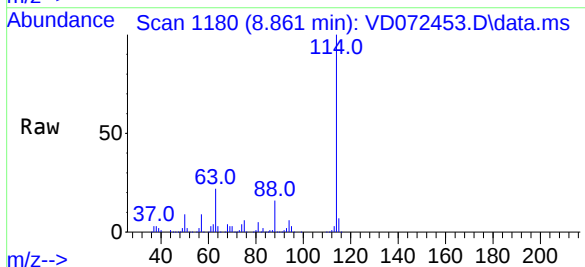
Tgt Ion: 114 Resp: 712046

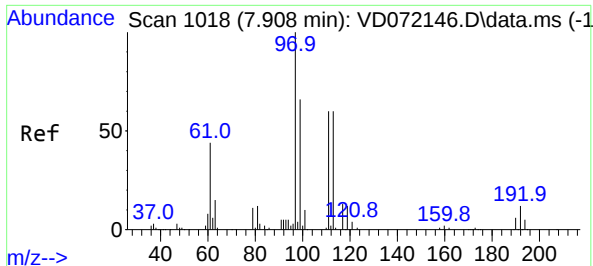
Ion Ratio Lower Upper

114 100

63 22.1 0.0 46.6

88 16.1 0.0 33.2

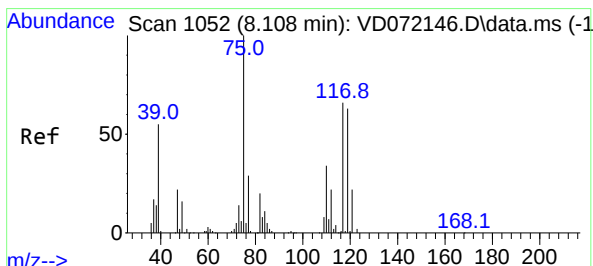
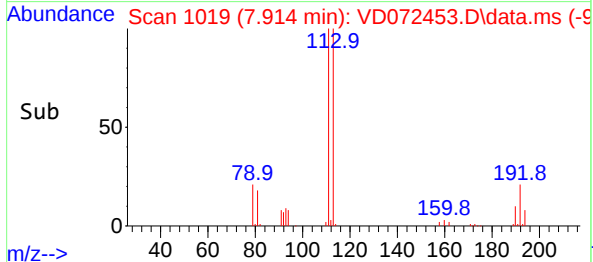
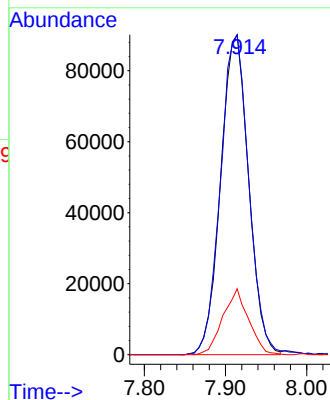
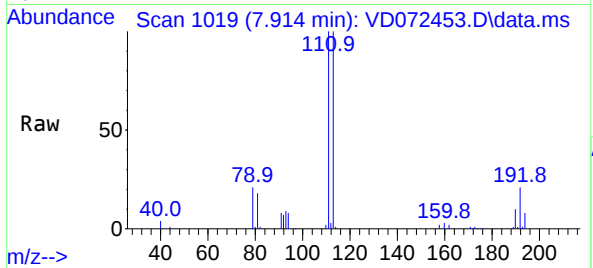




#35
Dibromofluoromethane
Concen: 43.038 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD072453.D
Acq: 28 Mar 2022 19:19

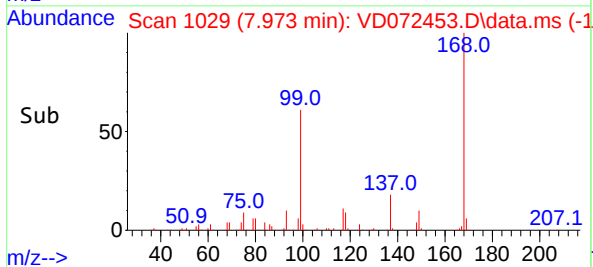
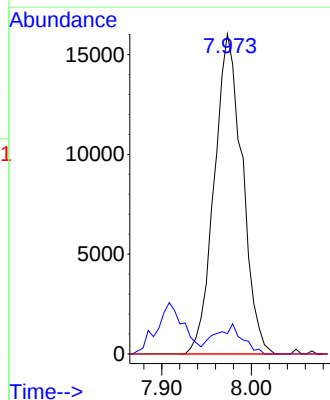
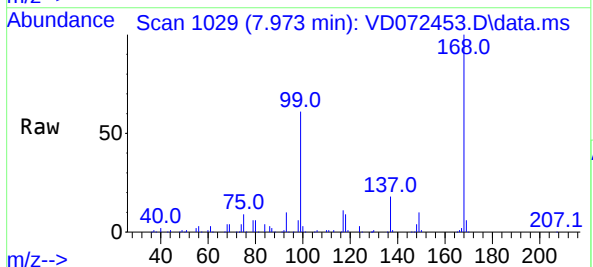
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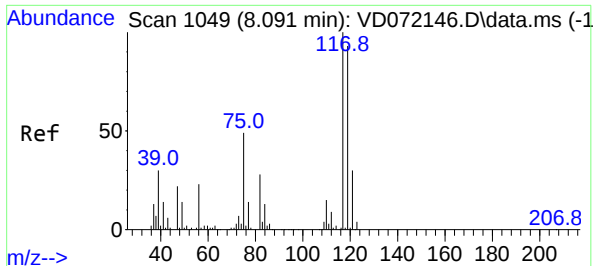
Tgt Ion:113 Resp: 215651
Ion Ratio Lower Upper
113 100
111 101.5 83.8 125.6
192 19.0 14.6 21.8



#36
1,1-Dichloropropene
Concen: 4.935 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.135 min
Lab File: VD072453.D
Acq: 28 Mar 2022 19:19

Tgt Ion: 75 Resp: 34689
Ion Ratio Lower Upper
75 100
110 9.1 16.4 49.1#
77 0.0 24.2 36.2#

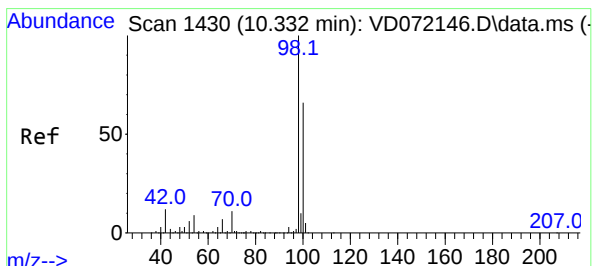
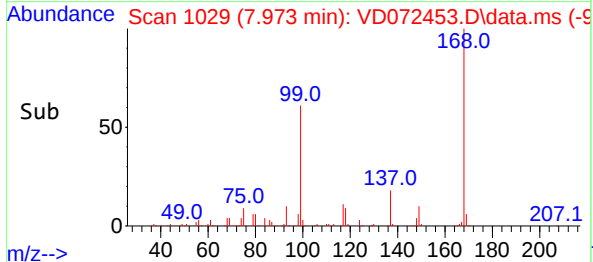
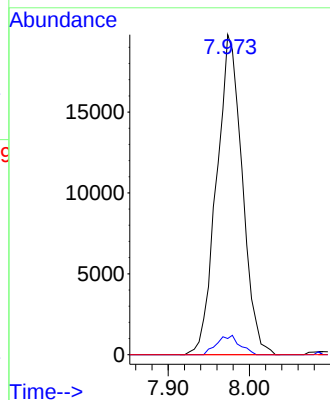
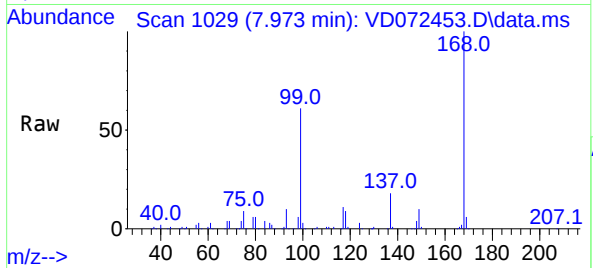




#38
Carbon Tetrachloride
Concen: 5.434 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD072453.D
Acq: 28 Mar 2022 19:19

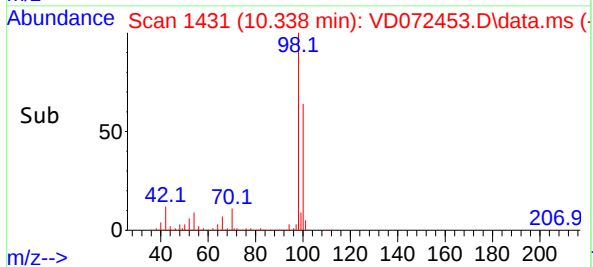
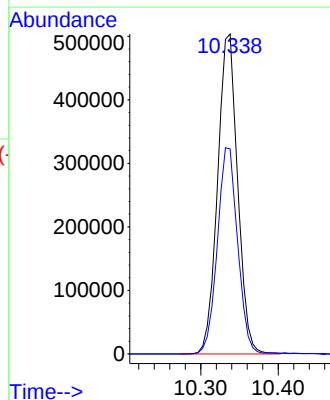
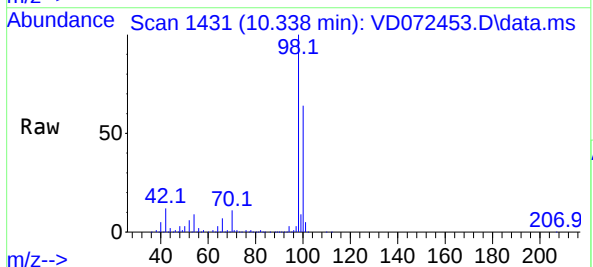
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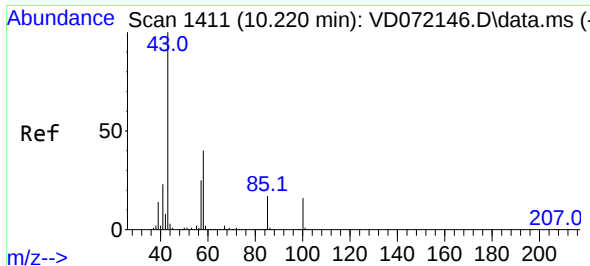
Tgt Ion:117 Resp: 43419
Ion Ratio Lower Upper
117 100
119 5.1 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 49.417 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD072453.D
Acq: 28 Mar 2022 19:19

Tgt Ion: 98 Resp: 905402
Ion Ratio Lower Upper
98 100
100 65.2 52.4 78.6

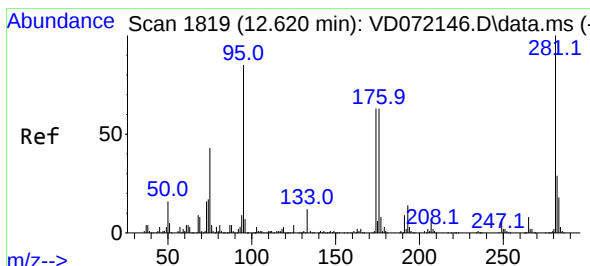
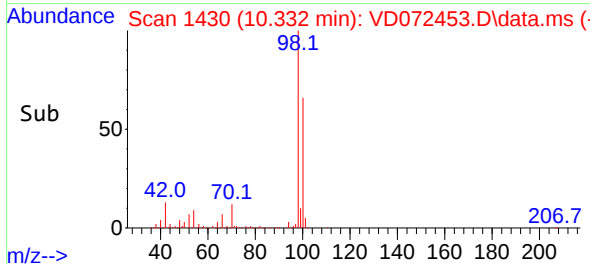
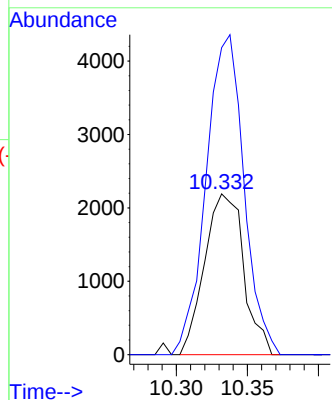
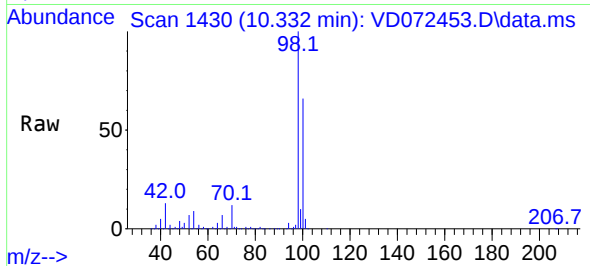




#51
4-Methyl-2-Pentanone
Concen: 1.336 ug/l
RT: 10.332 min Scan# 1411
Delta R.T. 0.112 min
Lab File: VD072453.D
Acq: 28 Mar 2022 19:19

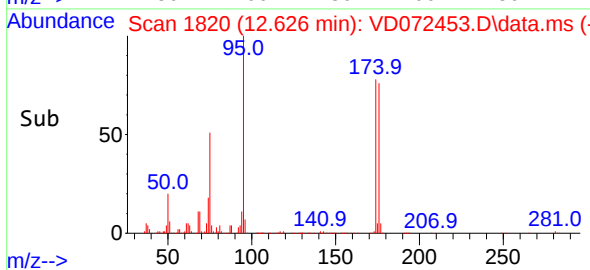
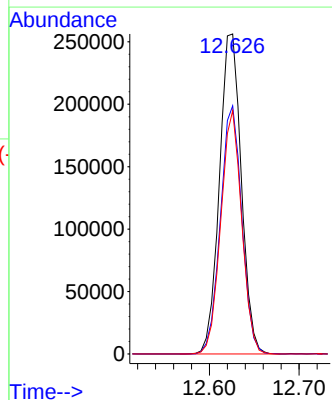
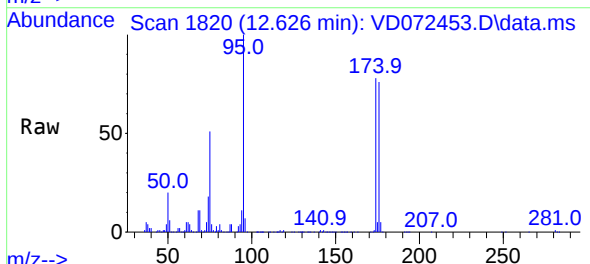
Instrument :
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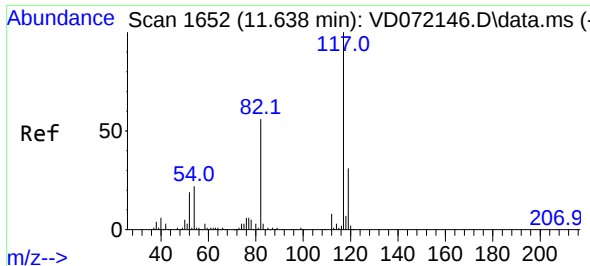
Tgt Ion: 43 Resp: 4194
Ion Ratio Lower Upper
43 100
58 192.5 28.6 43.0#



#62
4-Bromofluorobenzene
Concen: 60.902 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072453.D
Acq: 28 Mar 2022 19:19

Tgt Ion: 95 Resp: 433562
Ion Ratio Lower Upper
95 100
174 75.8 0.0 152.8
176 72.4 0.0 145.4

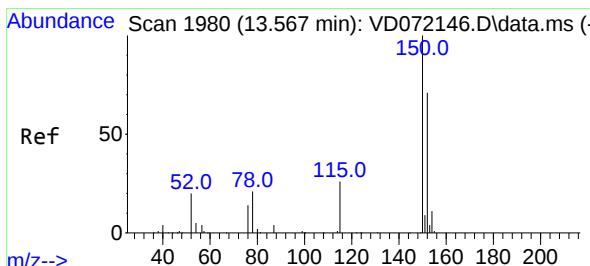
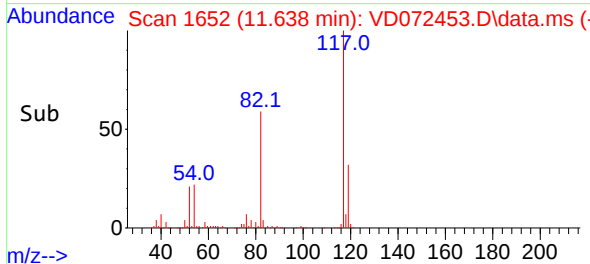
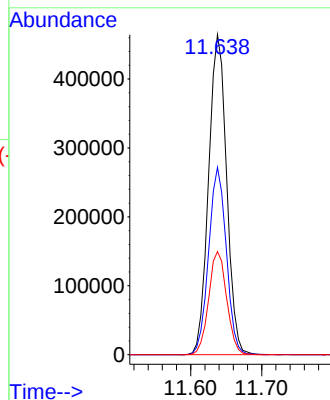
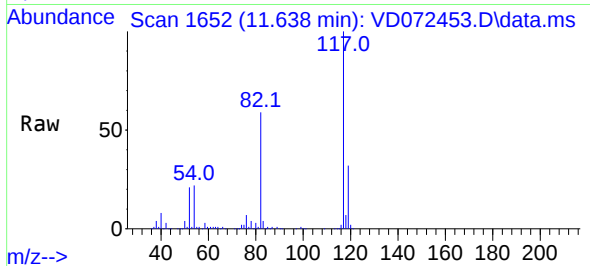




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VD072453.D
Acq: 28 Mar 2022 19:19

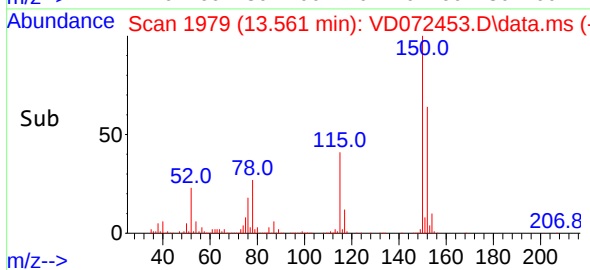
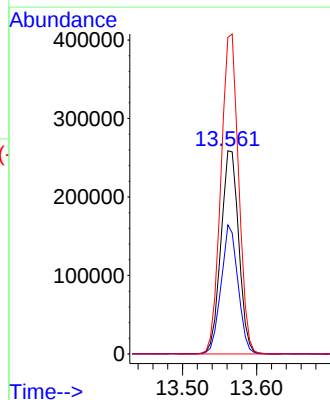
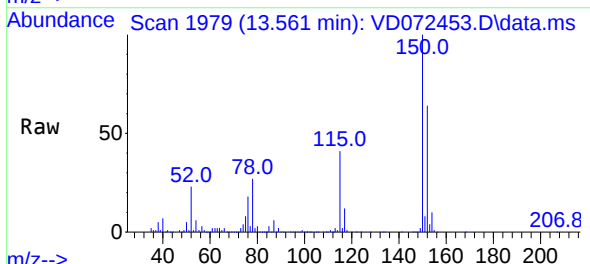
Instrument :
MSVOA_D
ClientSampleId :
RBR-200055

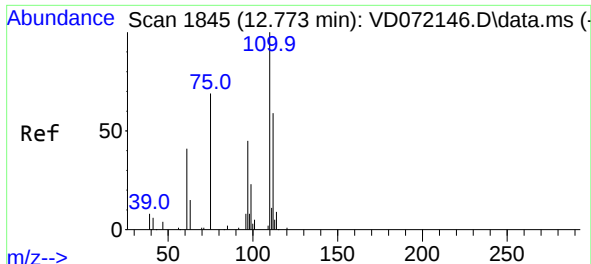
Tgt Ion:117 Resp: 818231
Ion Ratio Lower Upper
117 100
82 58.6 45.3 67.9
119 32.2 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072453.D
Acq: 28 Mar 2022 19:19

Tgt Ion:152 Resp: 433003
Ion Ratio Lower Upper
152 100
115 60.3 31.3 93.8
150 156.4 0.0 348.6

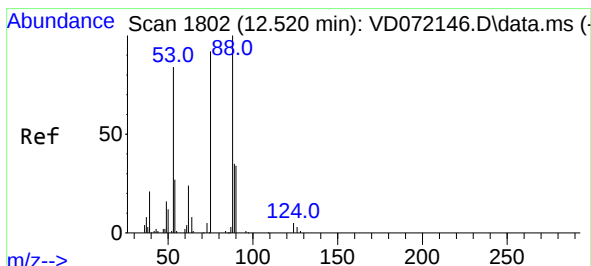
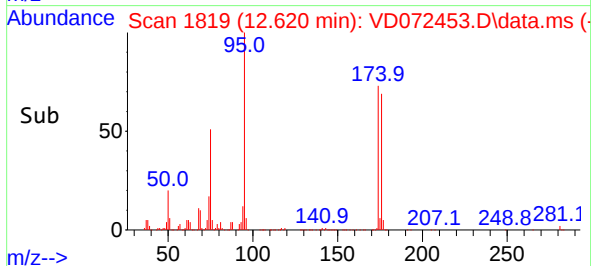
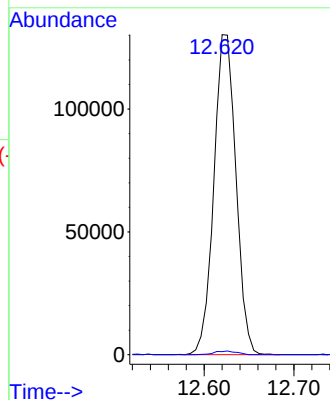
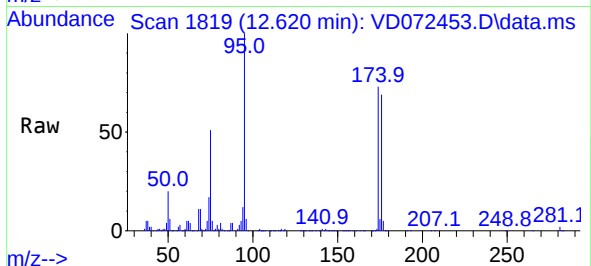




#76
1,2,3-Trichloropropane
Concen: 46.604 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD072453.D
Acq: 28 Mar 2022 19:19

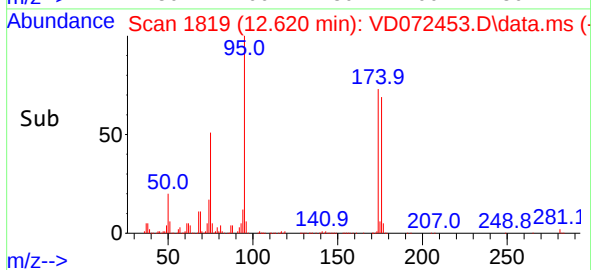
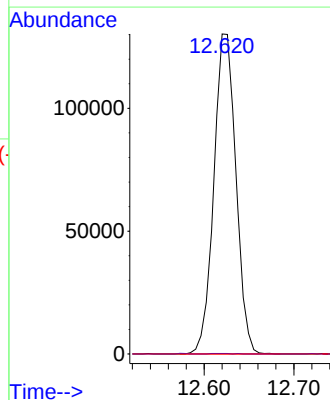
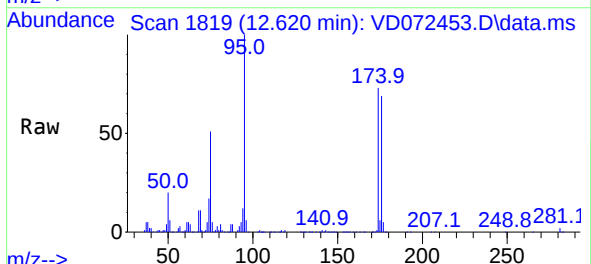
Instrument :
MSVOA_D
ClientSampleId :
RBR-200055

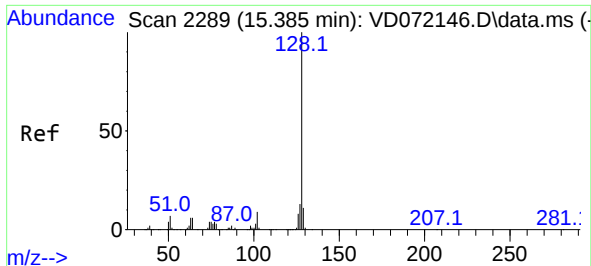
Tgt Ion: 75 Resp: 222602
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 115.631 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD072453.D
Acq: 28 Mar 2022 19:19

Tgt Ion: 75 Resp: 222602
Ion Ratio Lower Upper
75 100
53 0.2 86.5 129.7#
89 0.0 33.9 50.9#





#95

Naphthalene

Concen: 2.933 ug/l

RT: 15.385 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD072453.D

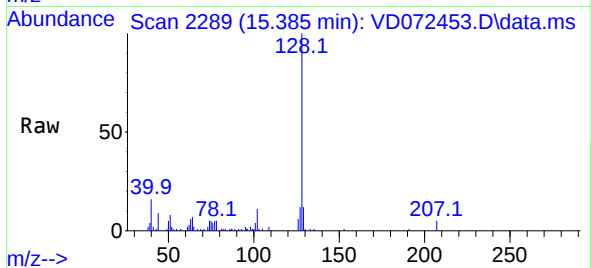
Acq: 28 Mar 2022 19:19

Instrument :

MSVOA_D

ClientSampleId :

RBR-200055



Tgt Ion:128 Resp: 47229

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

129 12.3 8.4 12.6

