

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060222\
 Data File : VD073470.D
 Acq On : 02 Jun 2022 14:25
 Operator : VA/SY
 Sample : N3158-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-2-060122

Quant Time: Jun 03 01:29:37 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)

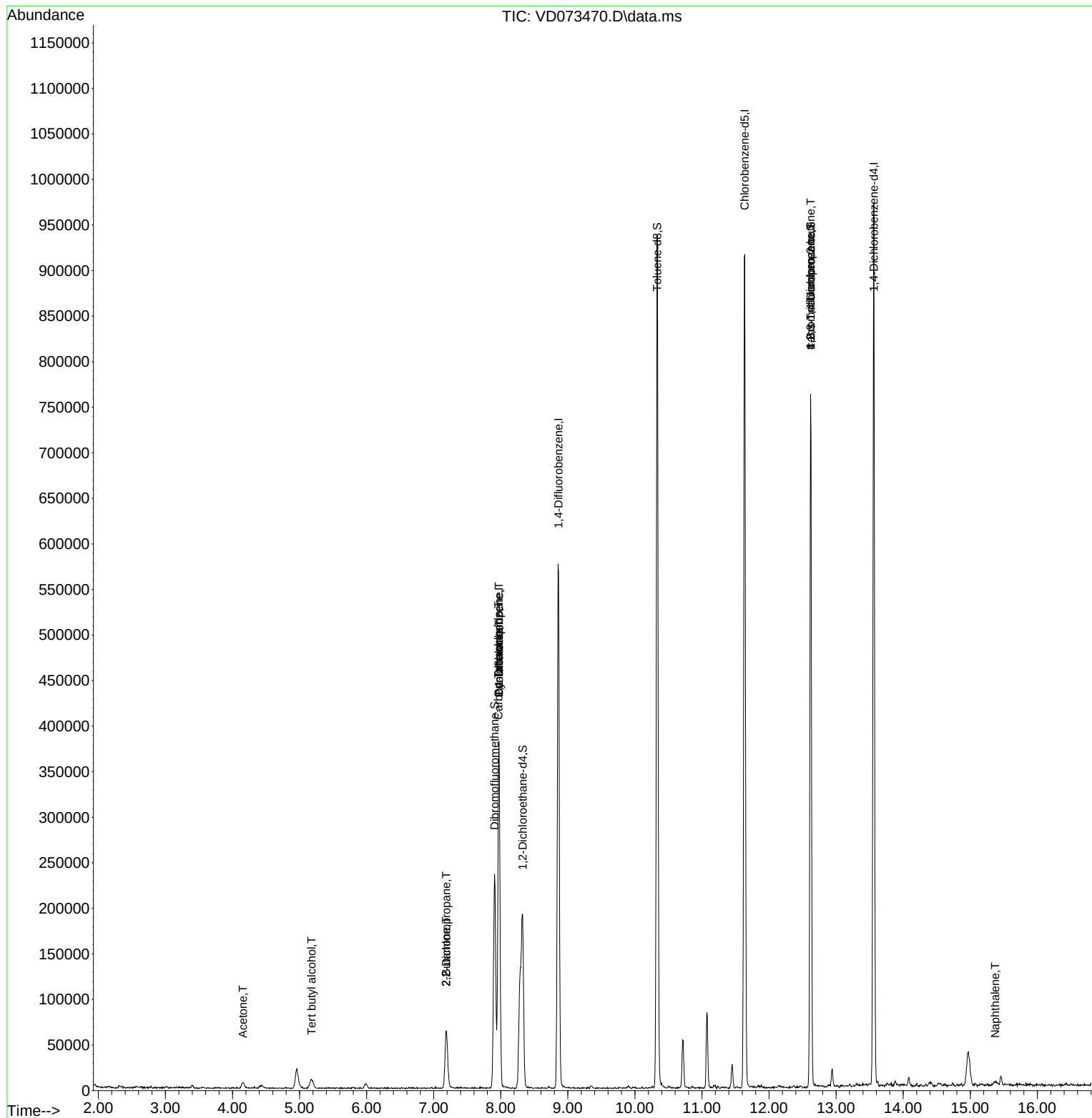
Internal Standards						
1) Pentafluorobenzene	7.973	168	275514	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	507847	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	552827	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	255594	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	151709	49.825	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.660%
35) Dibromofluoromethane	7.908	113	172282	51.410	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.820%
50) Toluene-d8	10.332	98	625737	50.655	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.300%
62) 4-Bromofluorobenzene	12.620	95	249383	57.525	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	115.060%
Target Compounds						
					Qvalue	
5) Bromomethane	2.767	94	560	Below Cal	#	62
11) Tert butyl alcohol	5.179	59	9839	20.828	ug/l #	74
16) Acetone	4.155	43	12090	22.924	ug/l	98
25) 2-Butanone	7.185	43	2106	2.729	ug/l #	85
26) 2,2-Dichloropropane	7.185	77	5172	1.008	ug/l #	54
31) Cyclohexane	7.973	56	6818	1.281	ug/l #	32
36) 1,1-Dichloropropene	7.973	75	22142	4.393	ug/l #	45
38) Carbon Tetrachloride	7.967	117	28029	5.486	ug/l #	19
76) 1,2,3-Trichloropropane	12.620	75	125797	50.162	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	125797	120.423	ug/l #	7
95) Naphthalene	15.372	128	815	3.632	ug/l #	70

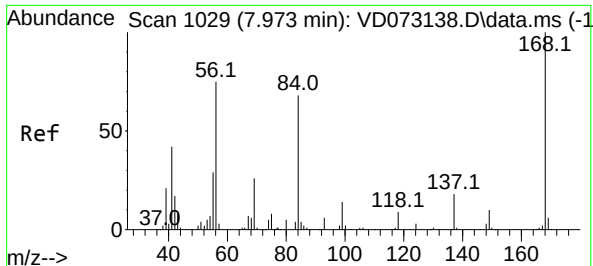
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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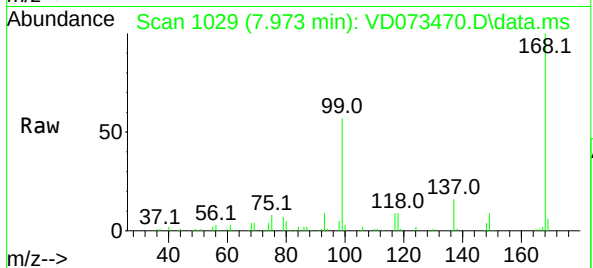
Quant Time: Jun 03 01:29:37 2022
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QLast Update : Thu May 19 15:13:42 2022
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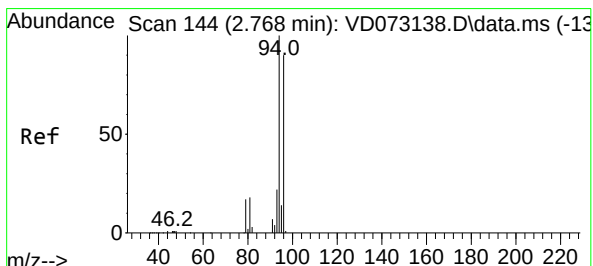
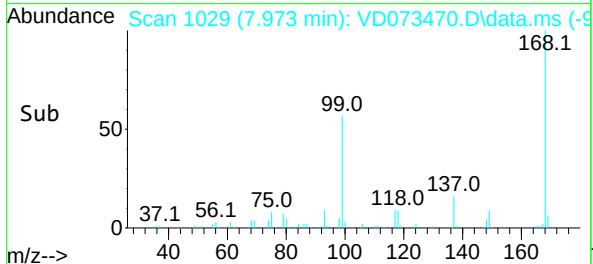
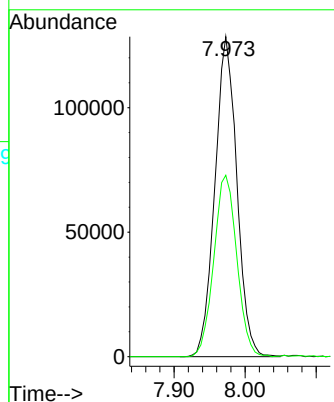


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.000 min
Lab File: VD073470.D
Acq: 02 Jun 2022 14:25

Instrument :
MSVOA_D
ClientSampleId :
OR-2-060122

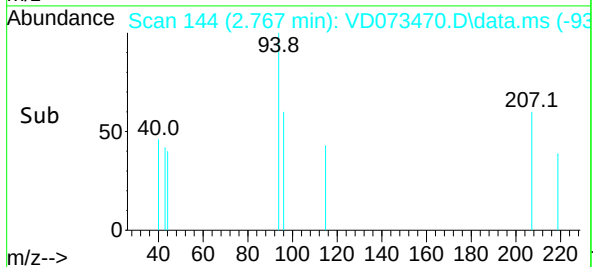
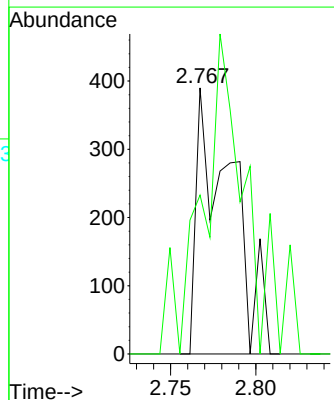
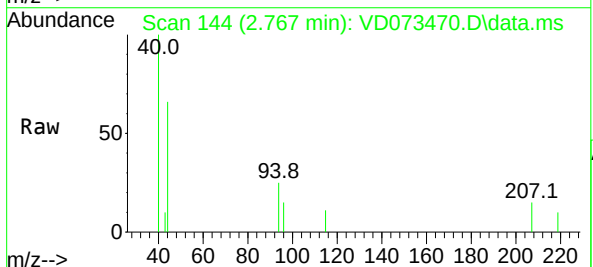


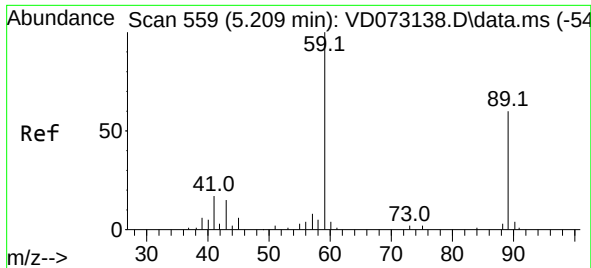
Tgt Ion:168 Resp: 275514
Ion Ratio Lower Upper
168 100
99 56.7 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.767 min Scan# 144
Delta R.T. -0.001 min
Lab File: VD073470.D
Acq: 02 Jun 2022 14:25

Tgt Ion: 94 Resp: 560
Ion Ratio Lower Upper
94 100
96 59.7 77.6 116.4#

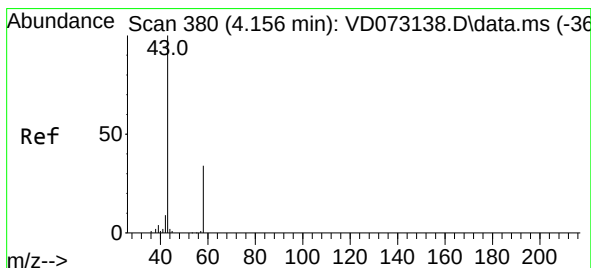
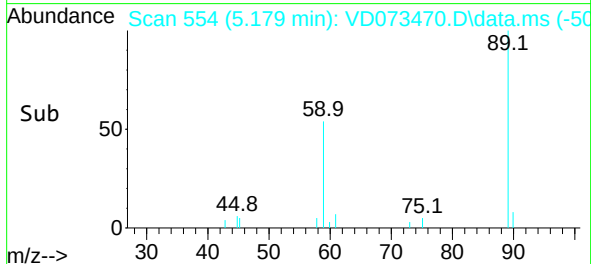
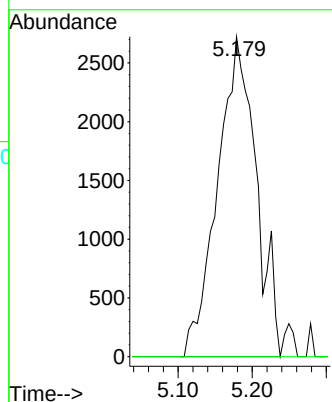
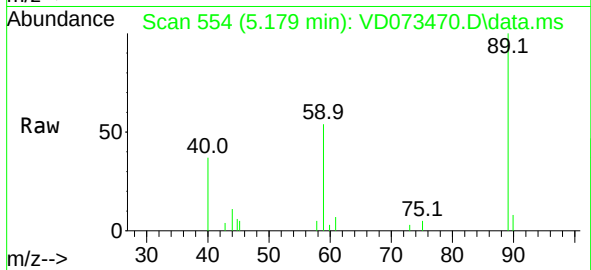




#11
Tert butyl alcohol
Concen: 20.828 ug/l
RT: 5.179 min Scan# 51
Delta R.T. -0.030 min
Lab File: VD073470.D
Acq: 02 Jun 2022 14:25

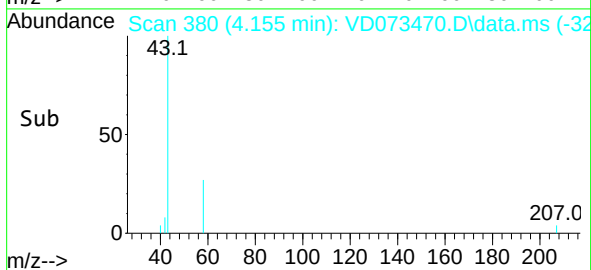
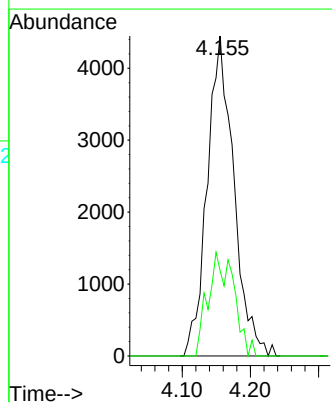
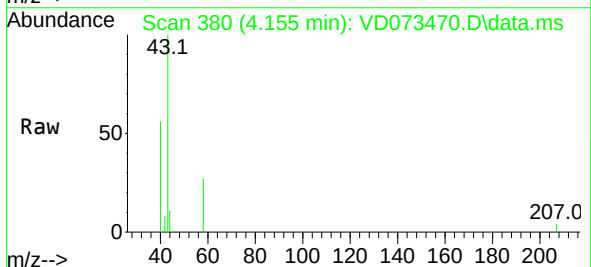
Instrument :
MSVOA_D
ClientSampleId :
OR-2-060122

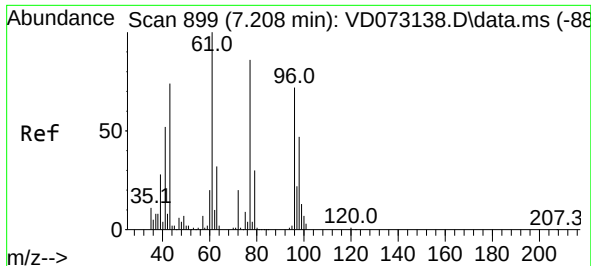
Tgt Ion: 59 Resp: 9839
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 22.924 ug/l
RT: 4.155 min Scan# 380
Delta R.T. -0.001 min
Lab File: VD073470.D
Acq: 02 Jun 2022 14:25

Tgt Ion: 43 Resp: 12090
Ion Ratio Lower Upper
43 100
58 26.8 22.1 33.1





#25

2-Butanone

Concen: 2.729 ug/l

RT: 7.185 min Scan# 895

Delta R.T. -0.023 min

Lab File: VD073470.D

Acq: 02 Jun 2022 14:25

Instrument :

MSVOA_D

ClientSampleId :

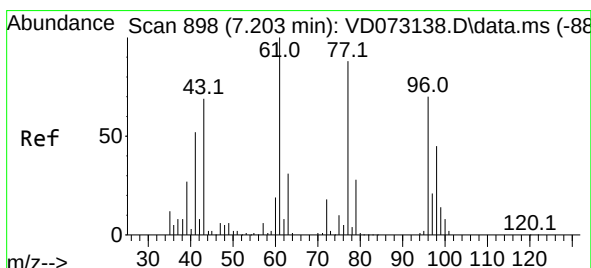
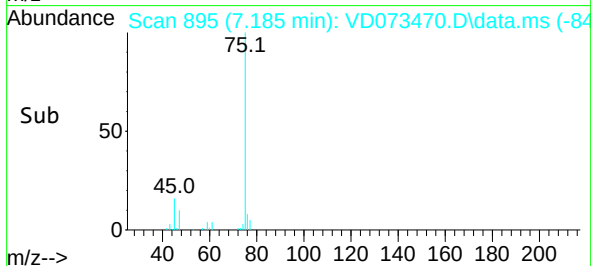
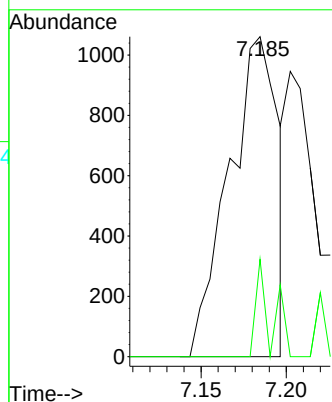
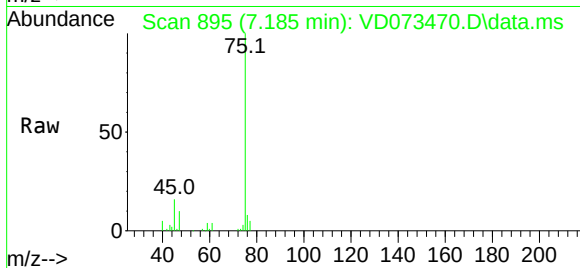
OR-2-060122

Tgt Ion: 43 Resp: 2106

Ion Ratio Lower Upper

43 100

72 30.4 18.6 27.8#



#26

2,2-Dichloropropane

Concen: 1.008 ug/l

RT: 7.185 min Scan# 895

Delta R.T. -0.018 min

Lab File: VD073470.D

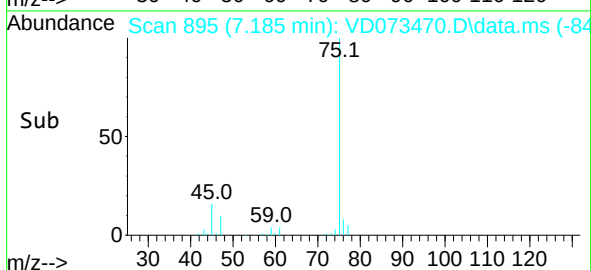
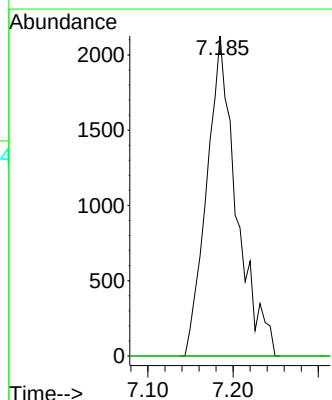
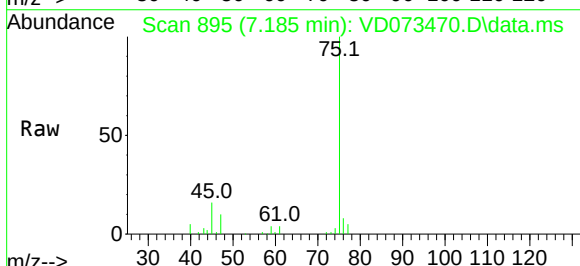
Acq: 02 Jun 2022 14:25

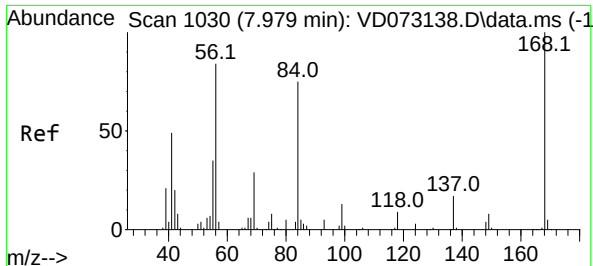
Tgt Ion: 77 Resp: 5172

Ion Ratio Lower Upper

77 100

97 0.0 10.8 32.4#





#31

Cyclohexane

Concen: 1.281 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD073470.D

Acq: 02 Jun 2022 14:25

Instrument :

MSVOA_D

ClientSampleId :

OR-2-060122

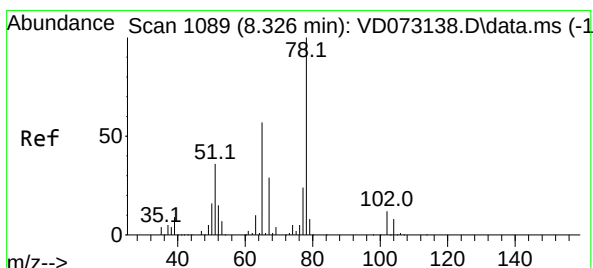
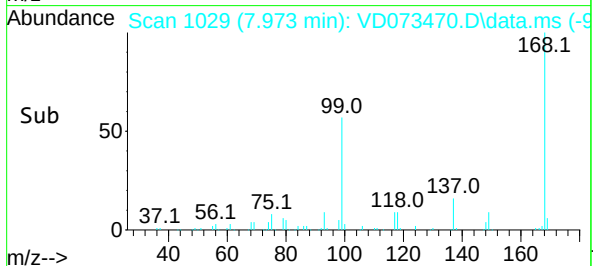
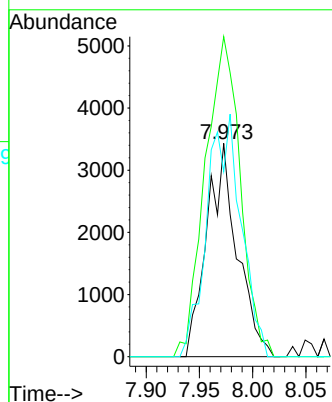
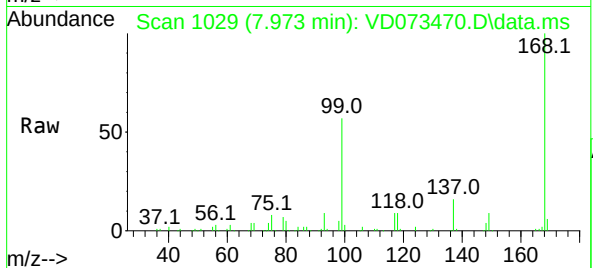
Tgt Ion: 56 Resp: 6818

Ion Ratio Lower Upper

56 100

69 150.0 25.4 38.2#

84 86.8 63.0 94.4



#33

1,2-Dichloroethane-d4

Concen: 49.825 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD073470.D

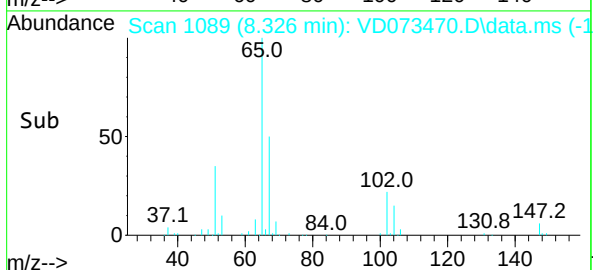
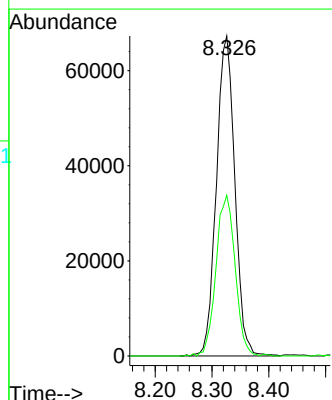
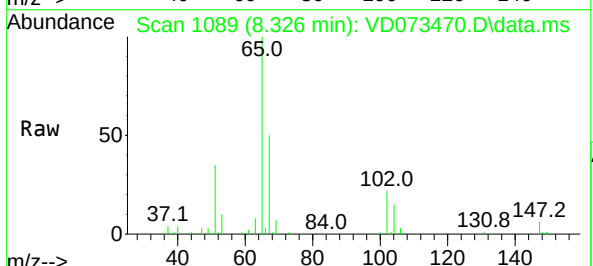
Acq: 02 Jun 2022 14:25

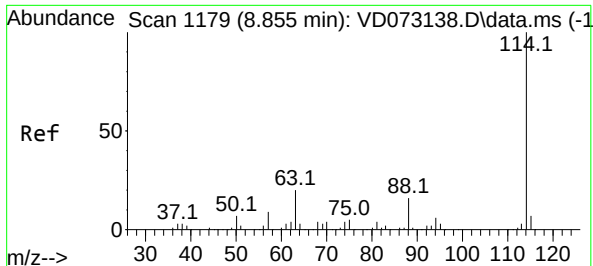
Tgt Ion: 65 Resp: 151709

Ion Ratio Lower Upper

65 100

67 52.1 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1179

Delta R.T. 0.006 min

Lab File: VD073470.D

Acq: 02 Jun 2022 14:25

Instrument :

MSVOA_D

ClientSampleId :

OR-2-060122

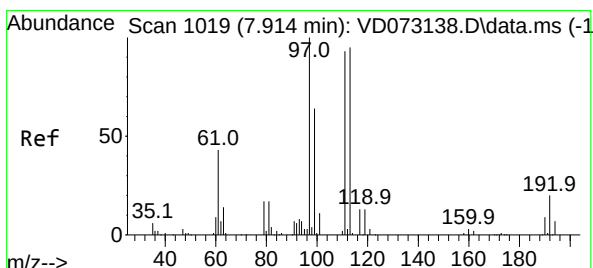
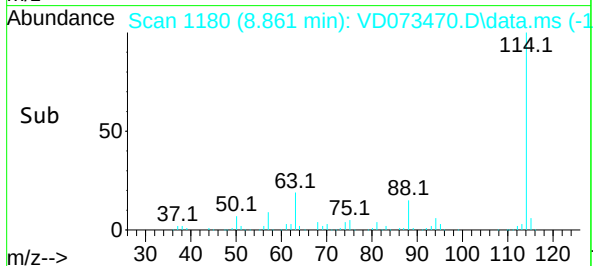
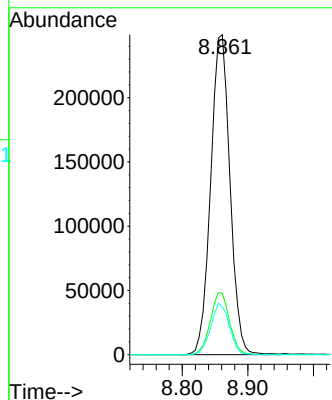
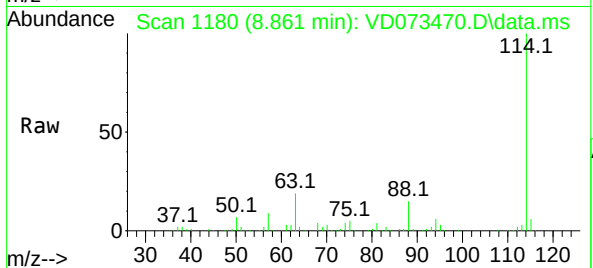
Tgt Ion:114 Resp: 507847

Ion Ratio Lower Upper

114 100

63 19.2 0.0 46.6

88 14.9 0.0 33.2



#35

Dibromofluoromethane

Concen: 51.410 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD073470.D

Acq: 02 Jun 2022 14:25

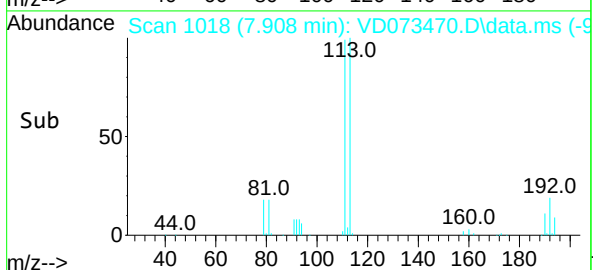
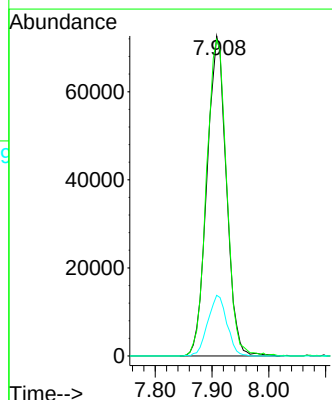
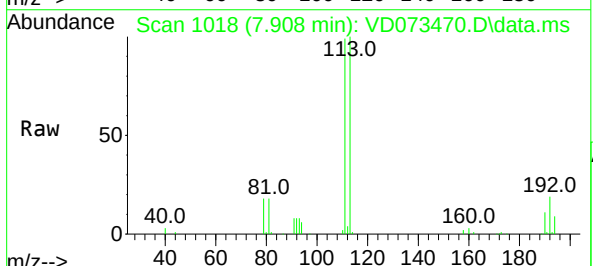
Tgt Ion:113 Resp: 172282

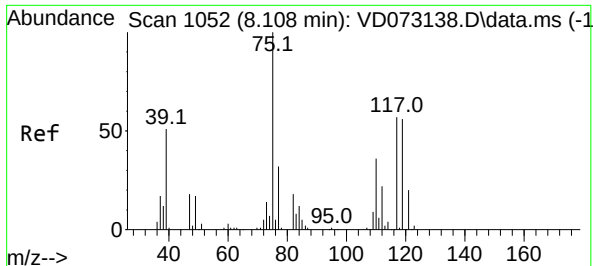
Ion Ratio Lower Upper

113 100

111 102.3 83.8 125.6

192 18.6 14.6 21.8

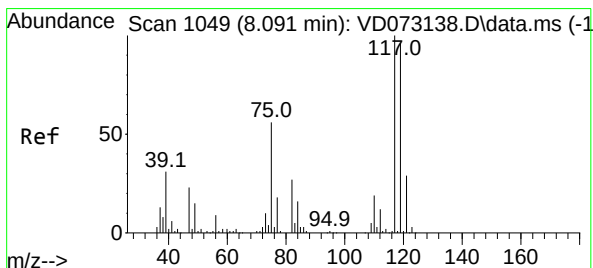
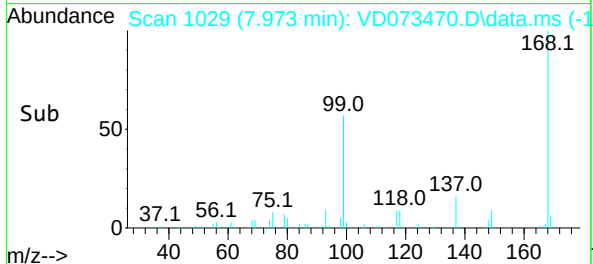
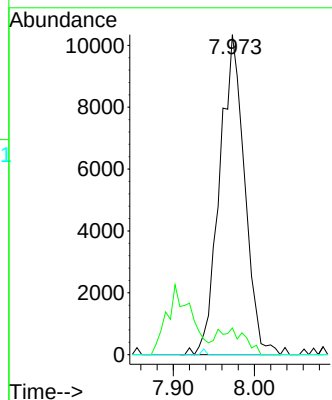
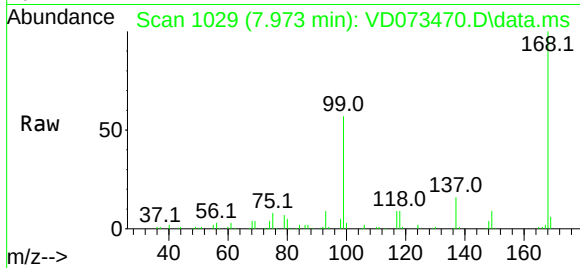




#36
1,1-Dichloropropene
Concen: 4.393 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.135 min
Lab File: VD073470.D
Acq: 02 Jun 2022 14:25

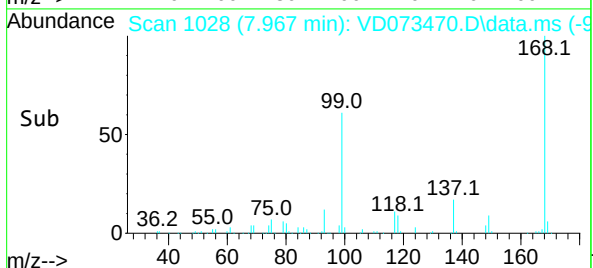
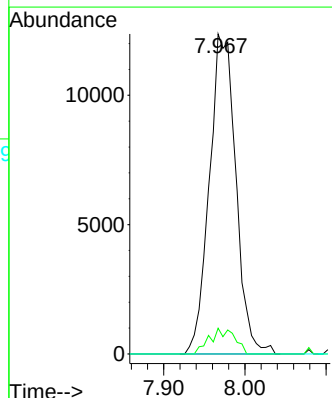
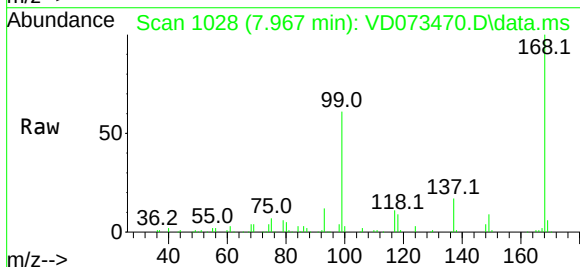
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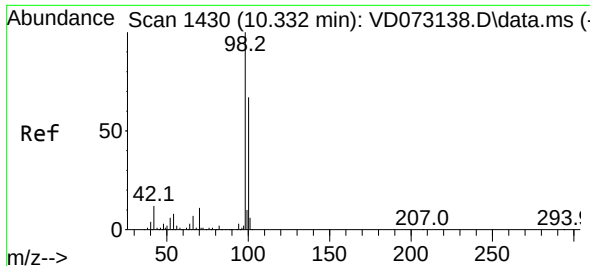
Tgt Ion: 75 Resp: 22142
Ion Ratio Lower Upper
75 100
110 1.7 16.4 49.1#
77 0.0 24.2 36.2#



#38
Carbon Tetrachloride
Concen: 5.486 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.124 min
Lab File: VD073470.D
Acq: 02 Jun 2022 14:25

Tgt Ion: 117 Resp: 28029
Ion Ratio Lower Upper
117 100
119 8.1 75.8 113.6#
121 0.0 24.5 36.7#

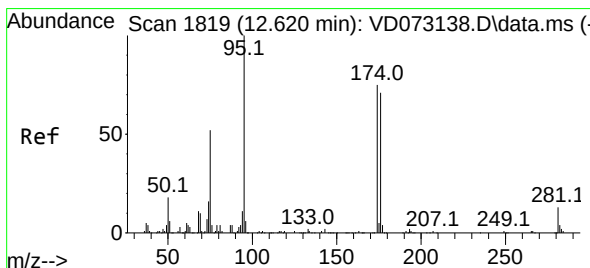
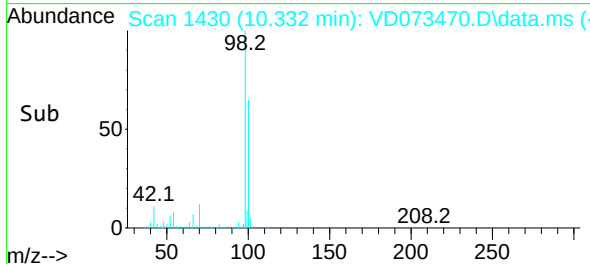
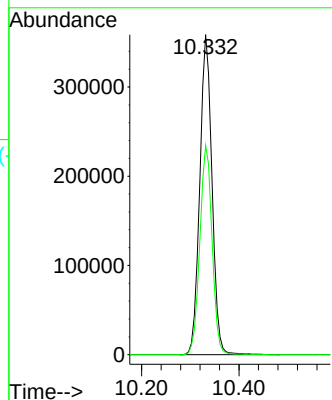
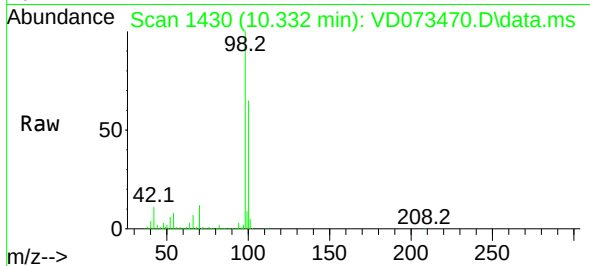




#50
Toluene-d8
Concen: 50.655 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073470.D
Acq: 02 Jun 2022 14:25

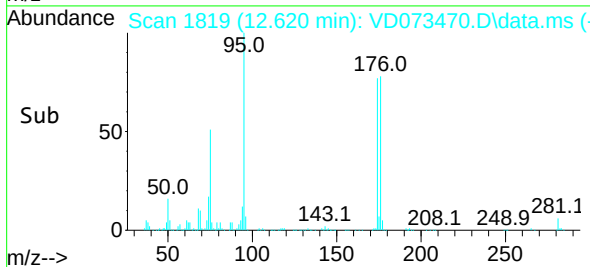
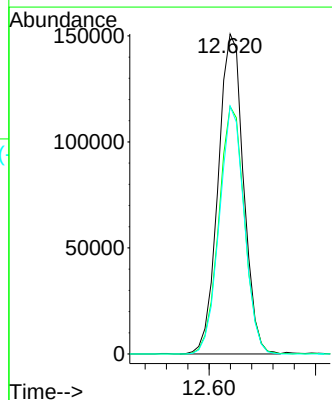
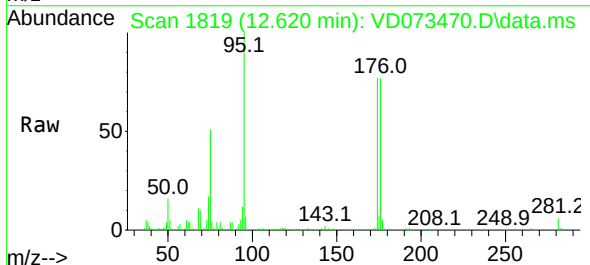
Instrument :
MSVOA_D
ClientSampleId :
OR-2-060122

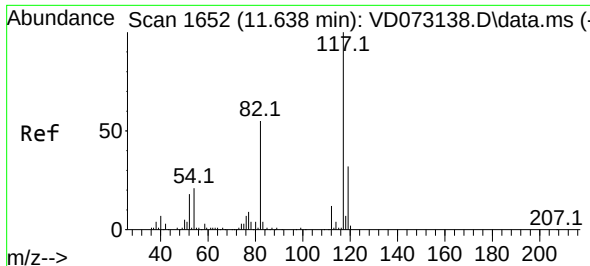
Tgt Ion: 98 Resp: 625737
Ion Ratio Lower Upper
98 100
100 65.7 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 57.525 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073470.D
Acq: 02 Jun 2022 14:25

Tgt Ion: 95 Resp: 249383
Ion Ratio Lower Upper
95 100
174 77.9 0.0 152.8
176 75.5 0.0 145.4

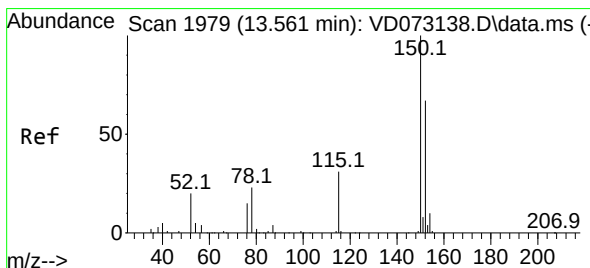
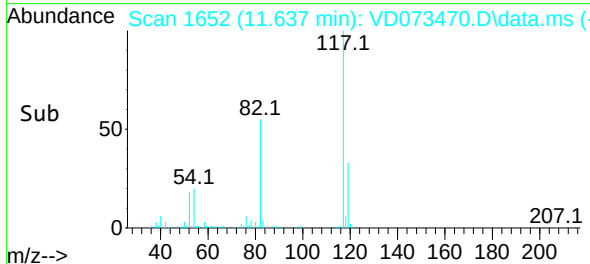
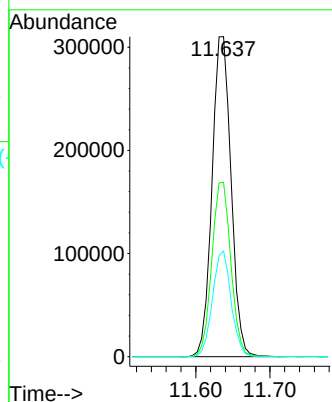
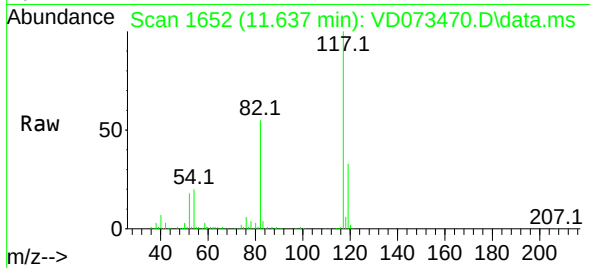




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 117
Delta R.T. -0.001 min
Lab File: VD073470.D
Acq: 02 Jun 2022 14:25

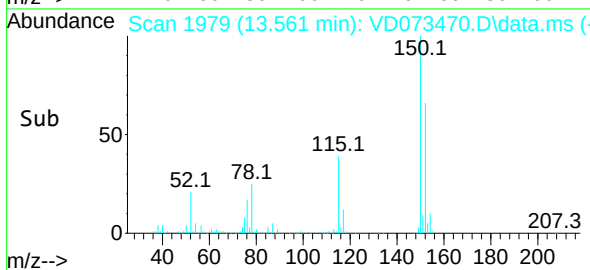
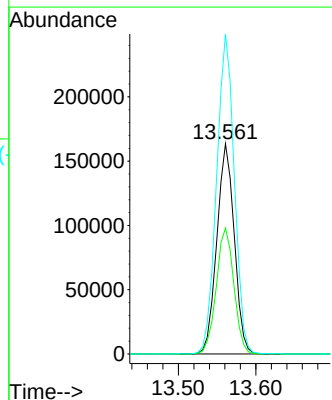
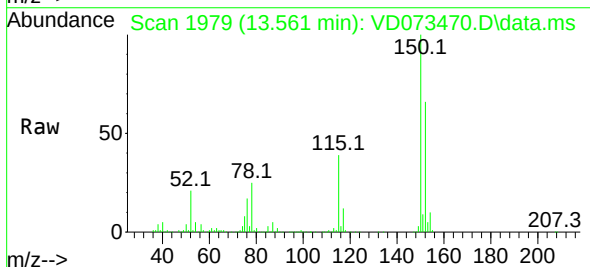
Instrument :
MSVOA_D
ClientSampleId :
OR-2-060122

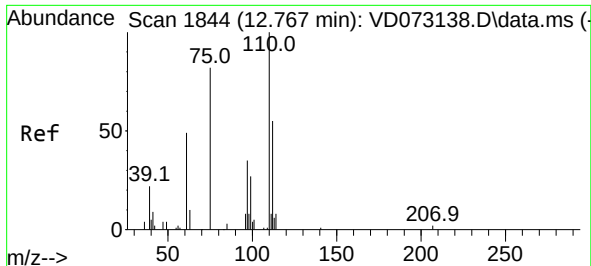
Tgt Ion:117 Resp: 552827
Ion Ratio Lower Upper
117 100
82 54.5 45.3 67.9
119 33.0 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD073470.D
Acq: 02 Jun 2022 14:25

Tgt Ion:152 Resp: 255594
Ion Ratio Lower Upper
152 100
115 60.3 31.3 93.8
150 154.9 0.0 348.6

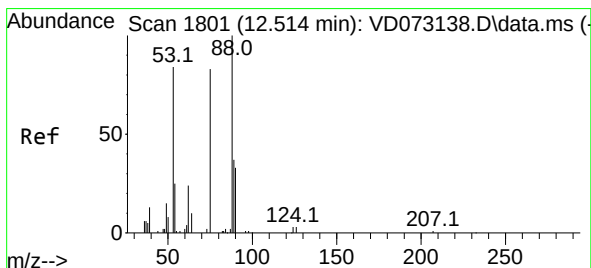
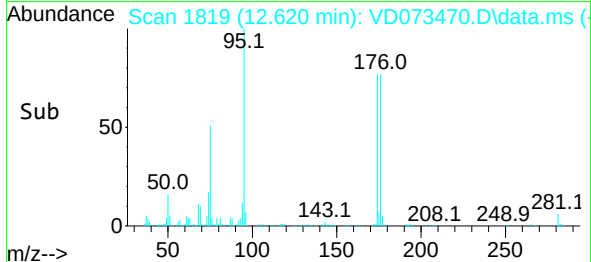
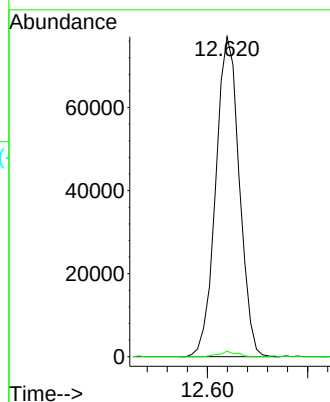
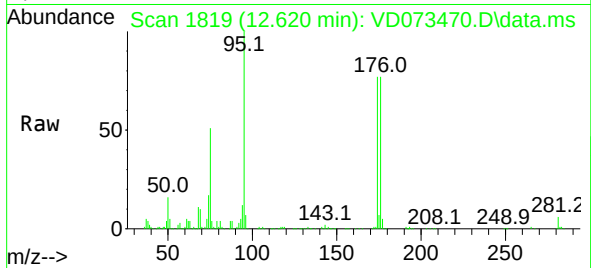




#76
1,2,3-Trichloropropane
Concen: 50.162 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073470.D
Acq: 02 Jun 2022 14:25

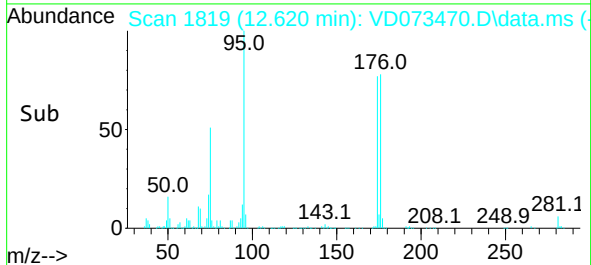
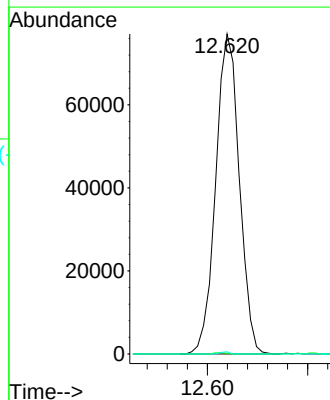
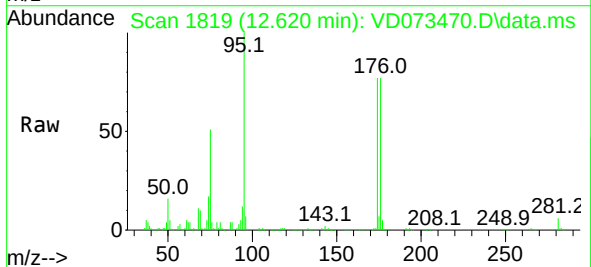
Instrument :
MSVOA_D
ClientSampleId :
OR-2-060122

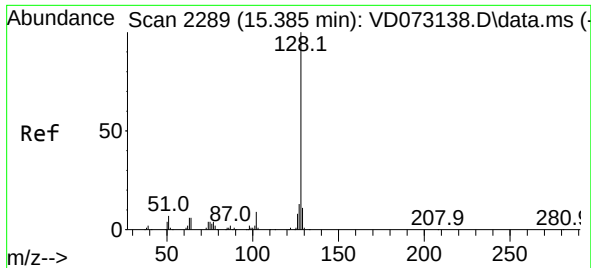
Tgt Ion: 75 Resp: 125797
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 120.423 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073470.D
Acq: 02 Jun 2022 14:25

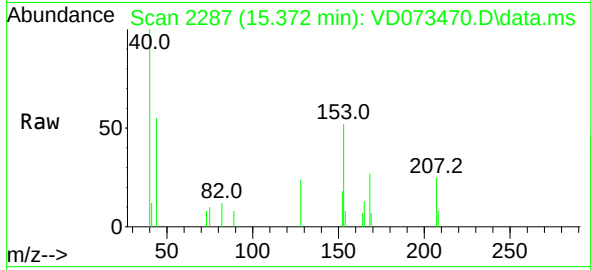
Tgt Ion: 75 Resp: 125797
Ion Ratio Lower Upper
75 100
53 0.2 86.5 129.7#
89 0.3 33.9 50.9#





#95
Naphthalene
Concen: 3.632 ug/l
RT: 15.372 min Scan# 21
Delta R.T. -0.013 min
Lab File: VD073470.D
Acq: 02 Jun 2022 14:25

Instrument :
MSVOA_D
ClientSampleId :
OR-2-060122



Tgt Ion:	128	Resp:	815
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.4	12.6#

