

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012822\
 Data File : VD071821.D
 Acq On : 28 Jan 2022 13:54
 Operator : VA/SY
 Sample : N1316-01
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-05-012722

Quant Time: Jan 29 04:51:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

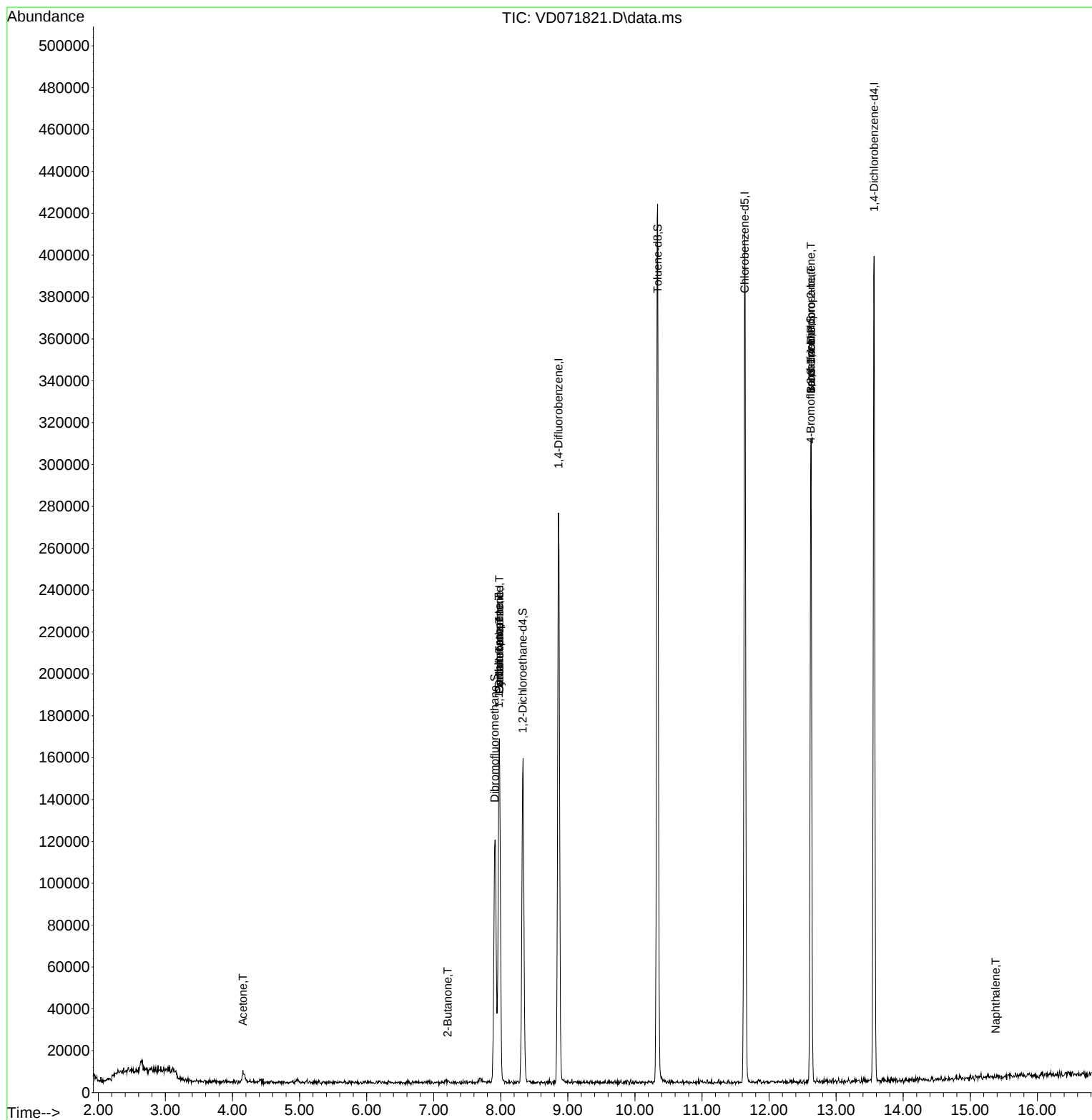
Internal Standards						
1) Pentafluorobenzene	7.979	168	115097	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	215875	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	222718	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	98734	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	118656	81.564	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 163.120%#	
35) Dibromofluoromethane	7.908	113	84720	59.704	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 119.400%	
50) Toluene-d8	10.338	98	277832	52.426	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.860%	
62) 4-Bromofluorobenzene	12.620	95	98435	53.189	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 106.380%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.226	59	72	Below Cal	#	74
16) Acetone	4.156	43	8771	22.025	ug/l	90
20) Methylene Chloride	4.962	84	1021	Below Cal	#	30
25) 2-Butanone	7.208	43	624	1.344	ug/l	# 52
31) Cyclohexane	7.979	56	3439	1.238	ug/l	# 38
36) 1,1-Dichloropropene	7.973	75	10718	4.401	ug/l	# 53
38) Carbon Tetrachloride	7.979	117	11974	4.971	ug/l	# 18
71) Bromoform	12.626	173	1466	1.602	ug/l	# 1
76) 1,2,3-Trichloropropane	12.626	75	54667	52.537	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.626	75	54667	129.178	ug/l	# 7
95) Naphthalene	15.379	128	652	1.638	ug/l	# 70

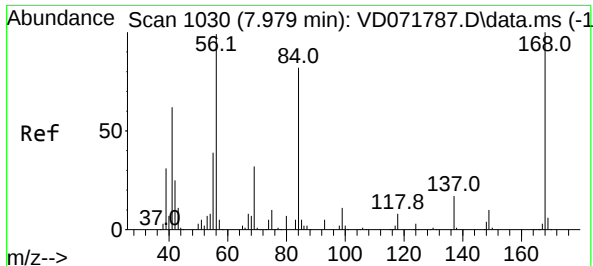
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jan 27 06:04:38 2022
Response via : Initial Calibration

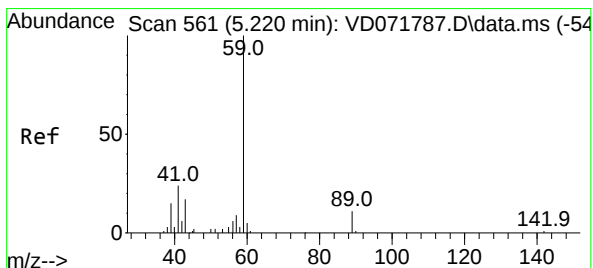
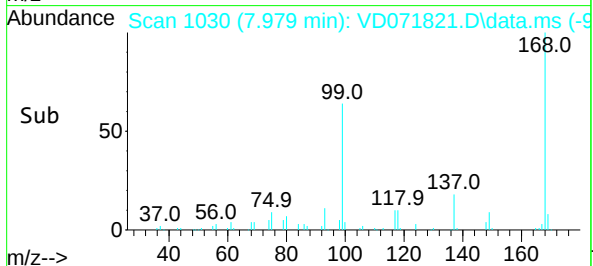
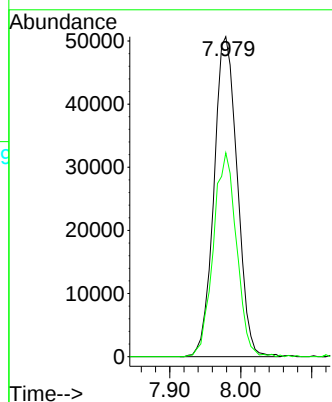
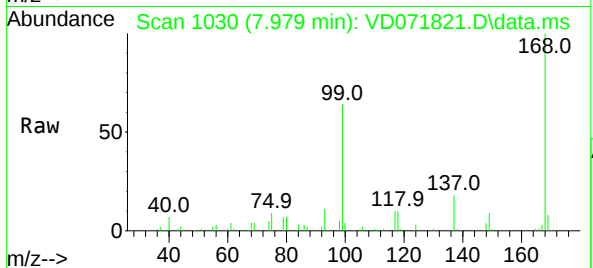




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071821.D
Acq: 28 Jan 2022 13:54

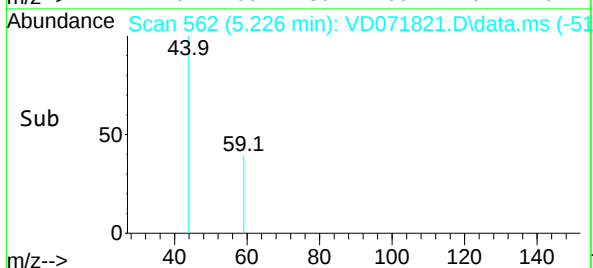
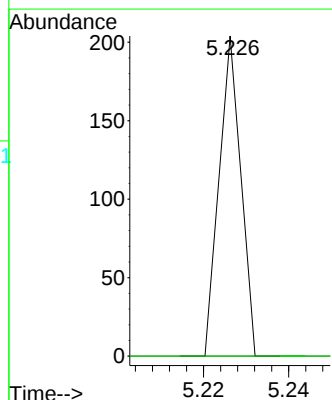
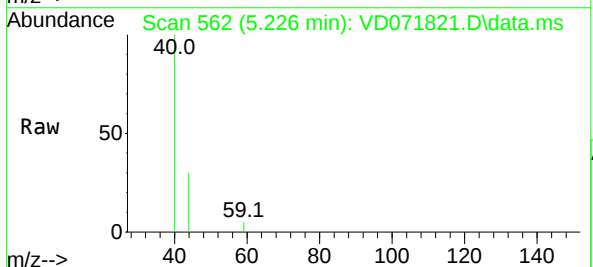
Instrument :
MSVOA_D
ClientSampleId :
TR-05-012722

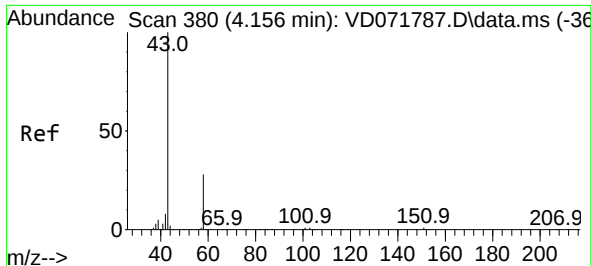
Tgt Ion:168 Resp: 115097
Ion Ratio Lower Upper
168 100
99 63.7 49.8 74.6



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.226 min Scan# 562
Delta R.T. 0.006 min
Lab File: VD071821.D
Acq: 28 Jan 2022 13:54

Tgt Ion: 59 Resp: 72
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

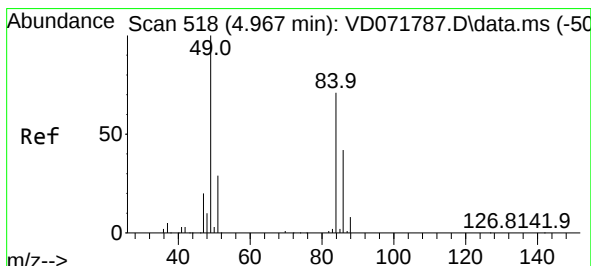
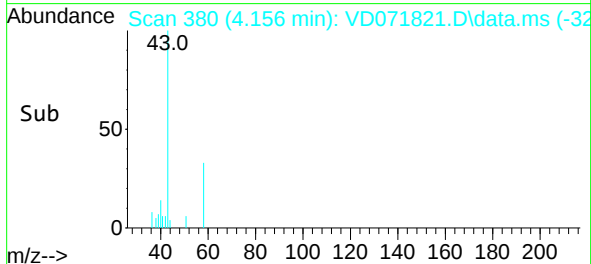
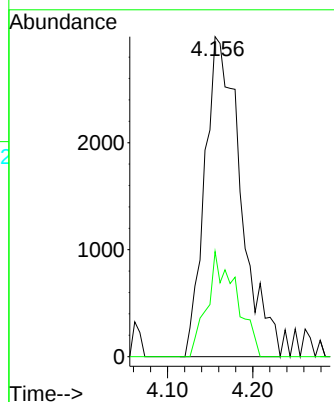
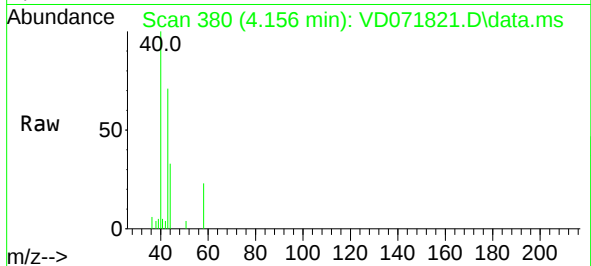




#16
Acetone
Concen: 22.025 ug/l
RT: 4.156 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD071821.D
Acq: 28 Jan 2022 13:54

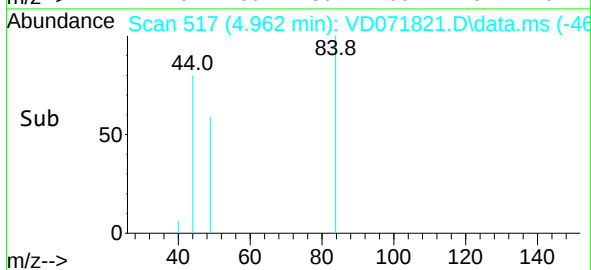
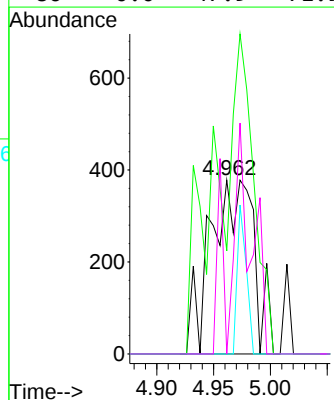
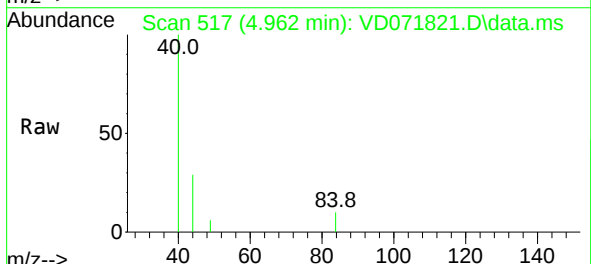
Instrument :
MSVOA_D
ClientSampleId :
TR-05-012722

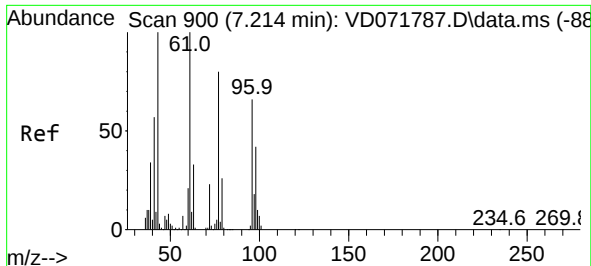
Tgt Ion: 43 Resp: 8771
Ion Ratio Lower Upper
43 100
58 32.8 22.1 33.1



#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.006 min
Lab File: VD071821.D
Acq: 28 Jan 2022 13:54

Tgt Ion: 84 Resp: 1021
Ion Ratio Lower Upper
84 100
49 59.3 112.8 169.2#
51 0.0 32.6 48.8#
86 0.0 47.9 71.9#

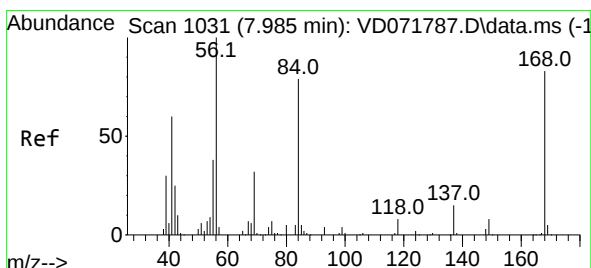
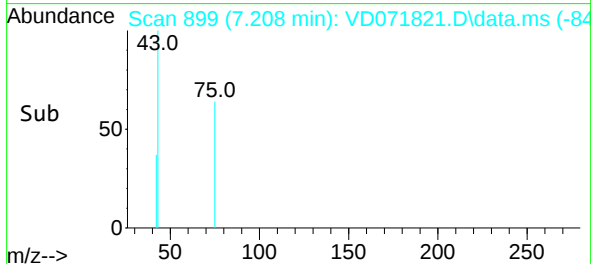
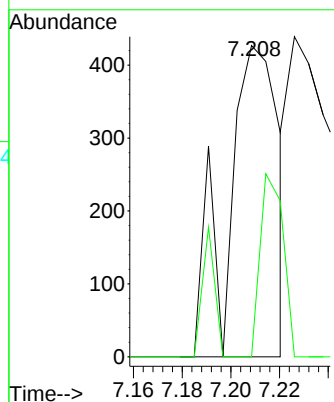
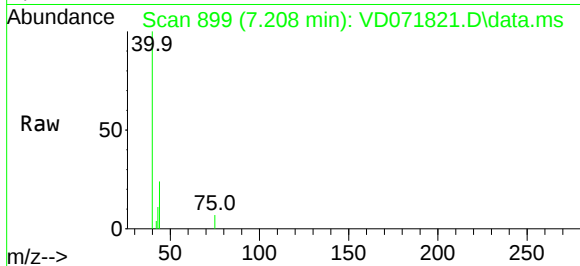




#25
2-Butanone
Concen: 1.344 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD071821.D
Acq: 28 Jan 2022 13:54

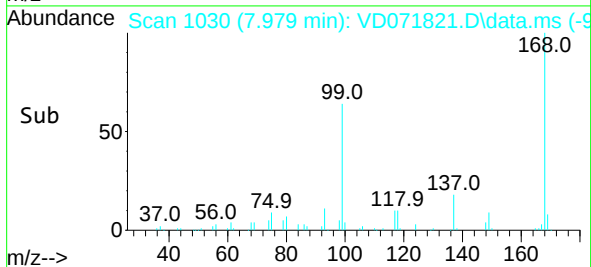
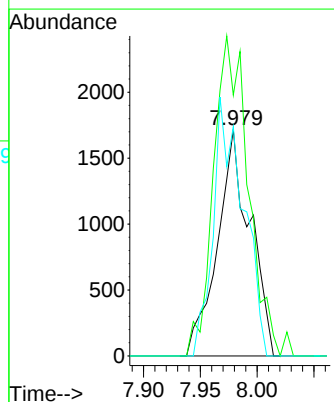
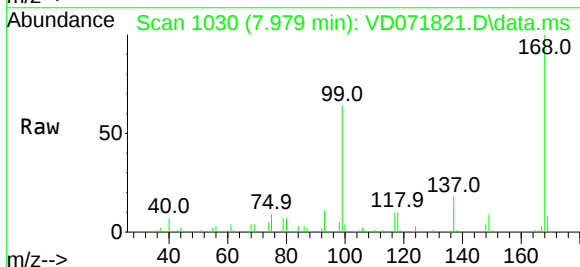
Instrument :
MSVOA_D
ClientSampleId :
TR-05-012722

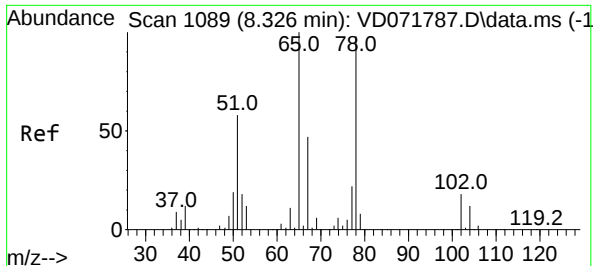
Tgt Ion: 43 Resp: 624
Ion Ratio Lower Upper
43 100
72 0.0 18.6 27.8#



#31
Cyclohexane
Concen: 1.238 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071821.D
Acq: 28 Jan 2022 13:54

Tgt Ion: 56 Resp: 3439
Ion Ratio Lower Upper
56 100
69 115.2 25.4 38.2#
84 101.3 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 81.564 ug/l

RT: 8.326 min Scan# 110

Delta R.T. -0.000 min

Lab File: VD071821.D

Acq: 28 Jan 2022 13:54

Instrument :

MSVOA_D

ClientSampleId :

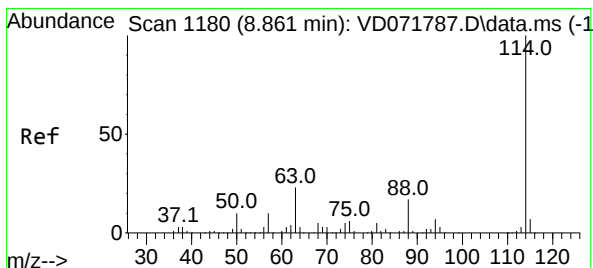
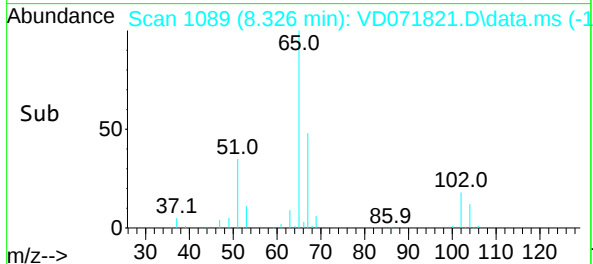
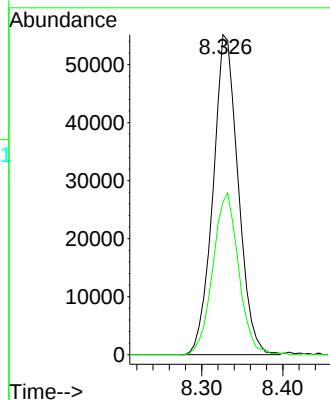
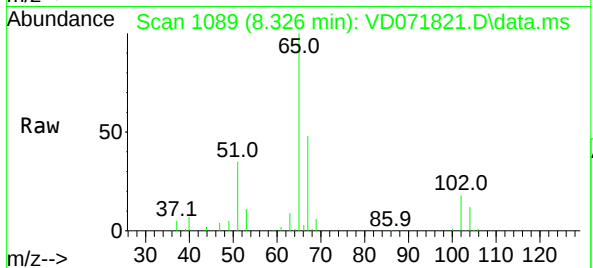
TR-05-012722

Tgt Ion: 65 Resp: 118656

Ion Ratio Lower Upper

65 100

67 51.8 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: VD071821.D

Acq: 28 Jan 2022 13:54

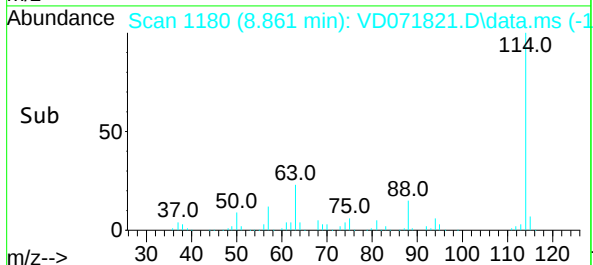
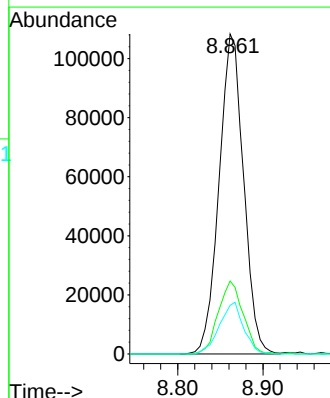
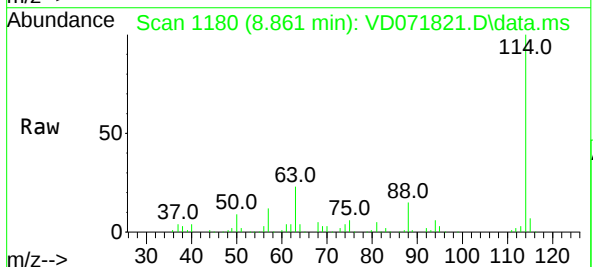
Tgt Ion: 114 Resp: 215875

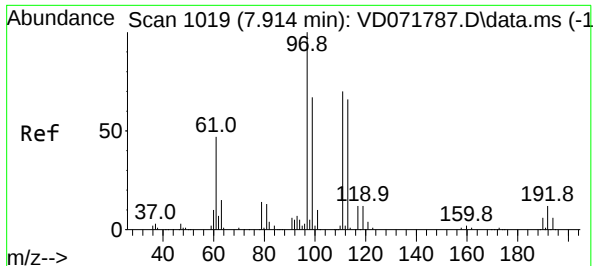
Ion Ratio Lower Upper

114 100

63 22.8 0.0 46.6

88 15.2 0.0 33.2





#35

Dibromofluoromethane

Concen: 59.704 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD071821.D

Acq: 28 Jan 2022 13:54

Instrument :

MSVOA_D

ClientSampleId :

TR-05-012722

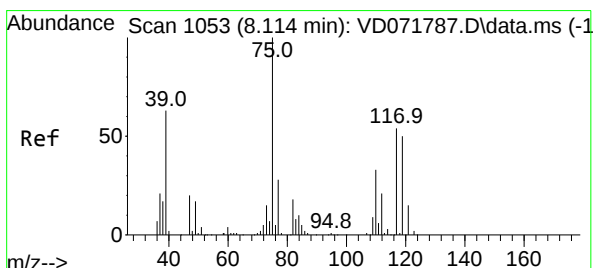
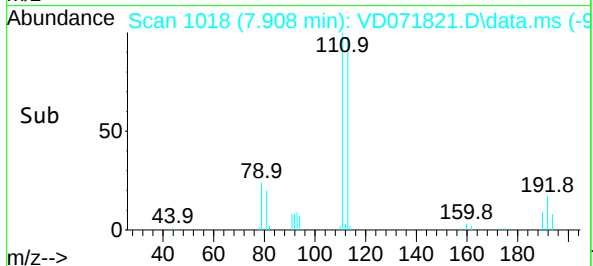
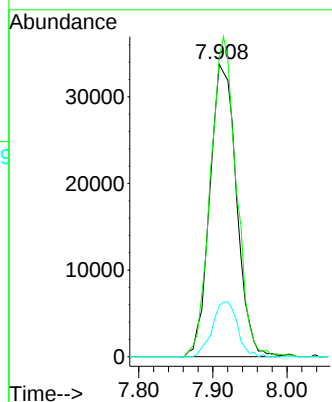
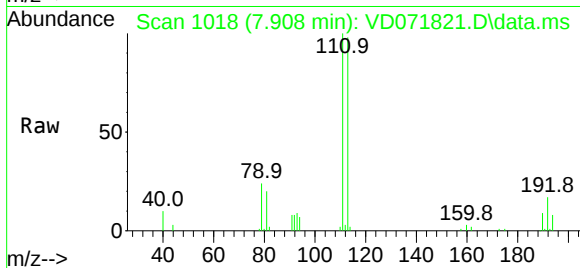
Tgt Ion:113 Resp: 84720

Ion Ratio Lower Upper

113 100

111 105.9 83.8 125.6

192 17.5 14.6 21.8



#36

1,1-Dichloropropene

Concen: 4.401 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.141 min

Lab File: VD071821.D

Acq: 28 Jan 2022 13:54

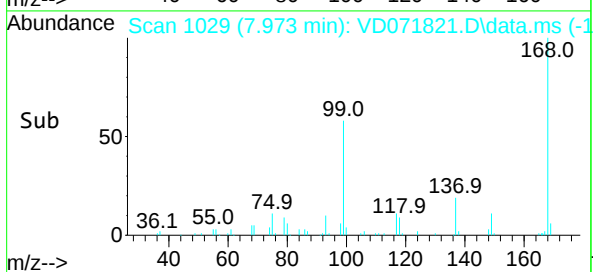
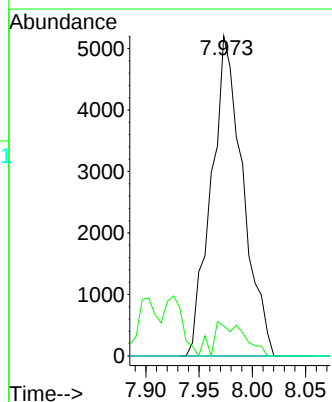
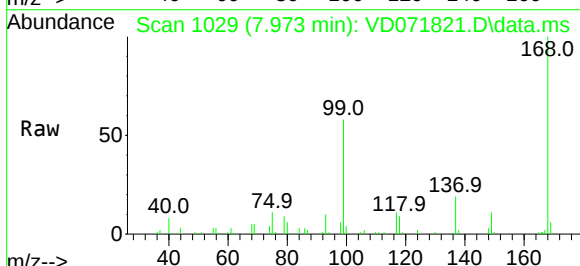
Tgt Ion: 75 Resp: 10718

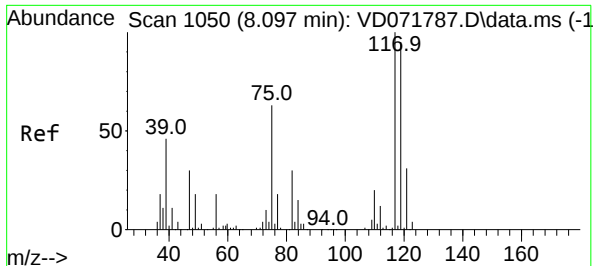
Ion Ratio Lower Upper

75 100

110 10.5 16.4 49.1#

77 0.0 24.2 36.2#

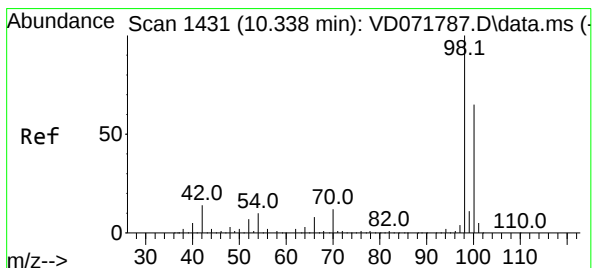
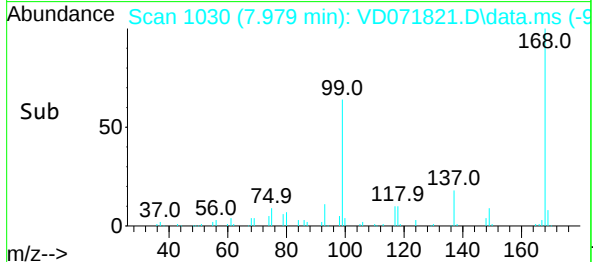
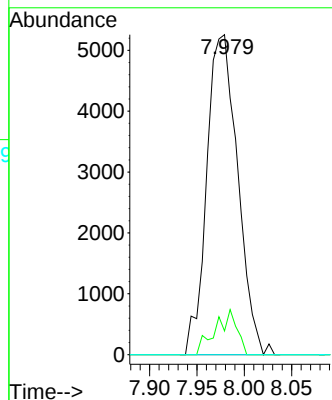
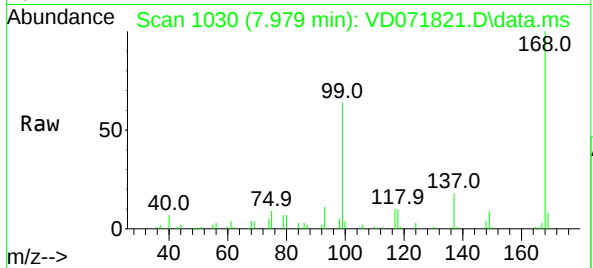




#38
Carbon Tetrachloride
Concen: 4.971 ug/l
RT: 7.979 min Scan# 1050
Delta R.T. -0.118 min
Lab File: VD071821.D
Acq: 28 Jan 2022 13:54

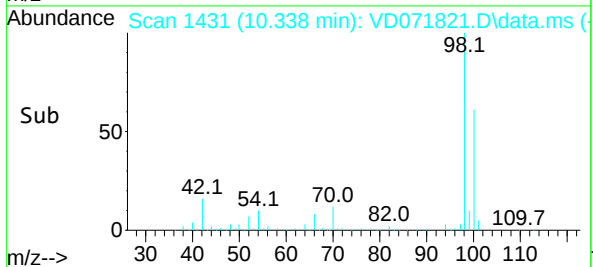
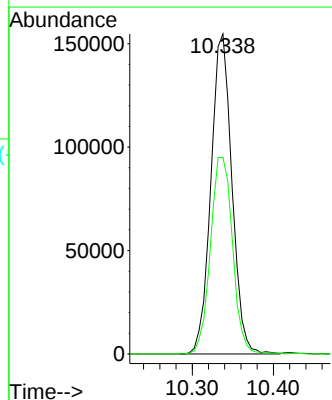
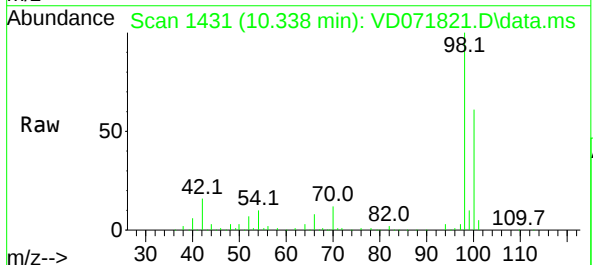
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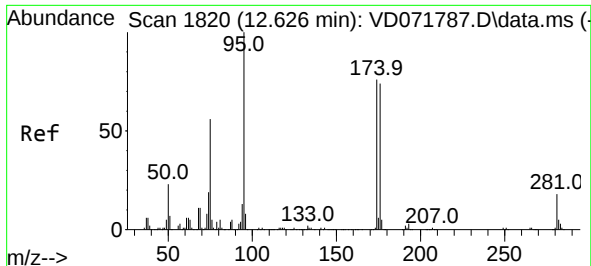
Tgt Ion:117 Resp: 11974
Ion Ratio Lower Upper
117 100
119 7.4 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 52.426 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071821.D
Acq: 28 Jan 2022 13:54

Tgt Ion: 98 Resp: 277832
Ion Ratio Lower Upper
98 100
100 64.9 52.4 78.6

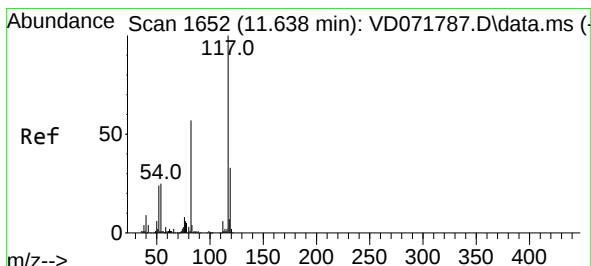
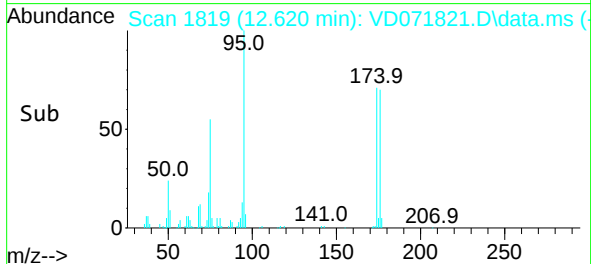
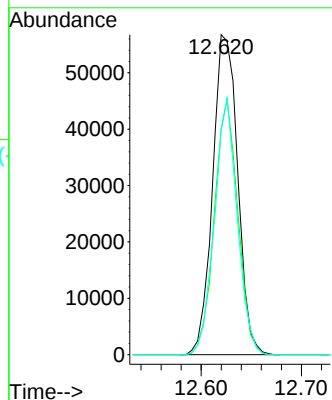
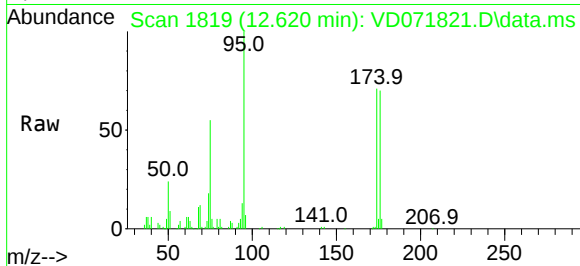




#62
4-Bromofluorobenzene
Concen: 53.189 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071821.D
Acq: 28 Jan 2022 13:54

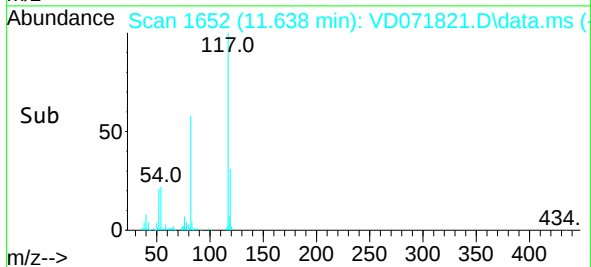
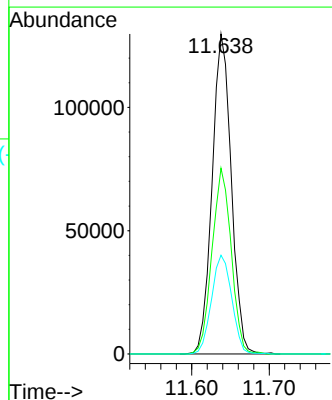
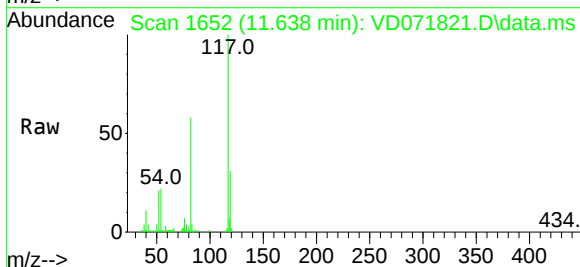
Instrument :
MSVOA_D
ClientSampleId :
TR-05-012722

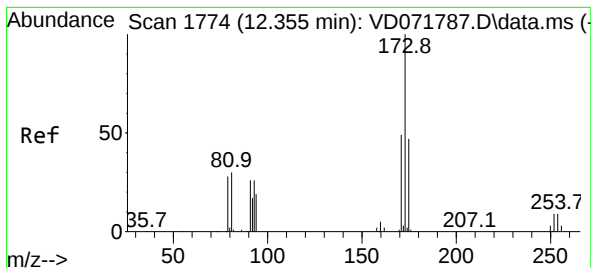
Tgt Ion: 95 Resp: 98435
Ion Ratio Lower Upper
95 100
174 75.0 0.0 152.8
176 72.8 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071821.D
Acq: 28 Jan 2022 13:54

Tgt Ion: 117 Resp: 222718
Ion Ratio Lower Upper
117 100
82 58.1 45.3 67.9
119 30.9 26.6 40.0





#71

Bromoform

Concen: 1.602 ug/l

RT: 12.626 min Scan# 11

Delta R.T. 0.271 min

Lab File: VD071821.D

Acq: 28 Jan 2022 13:54

Instrument :

MSVOA_D

ClientSampleId :

TR-05-012722

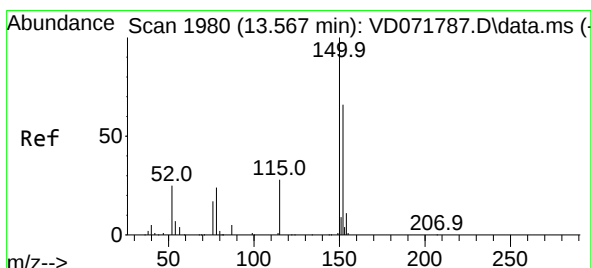
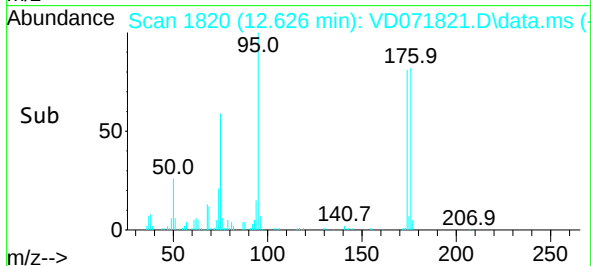
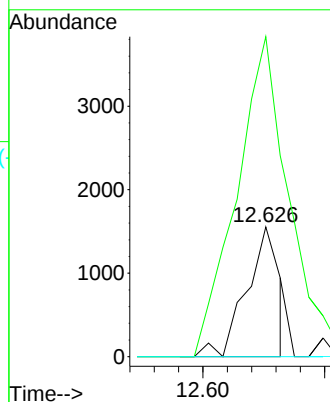
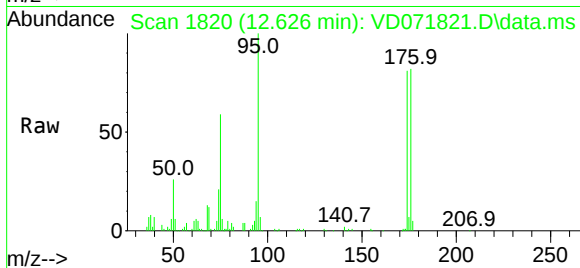
Tgt Ion:173 Resp: 1466

Ion Ratio Lower Upper

173 100

175 316.7 23.9 71.8#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.567 min Scan# 1980

Delta R.T. -0.000 min

Lab File: VD071821.D

Acq: 28 Jan 2022 13:54

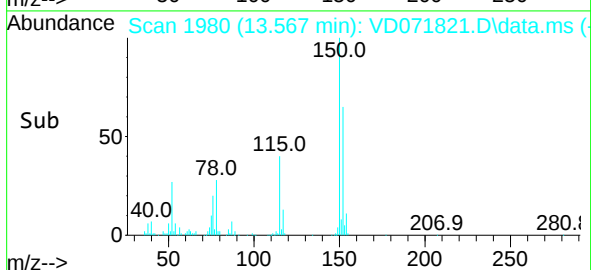
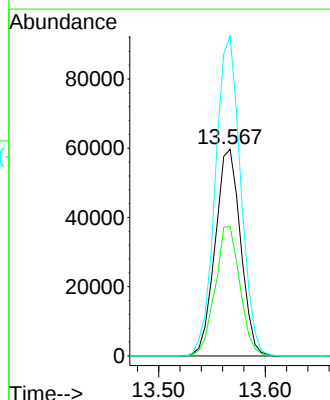
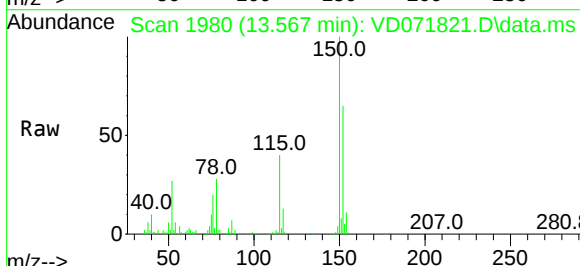
Tgt Ion:152 Resp: 98734

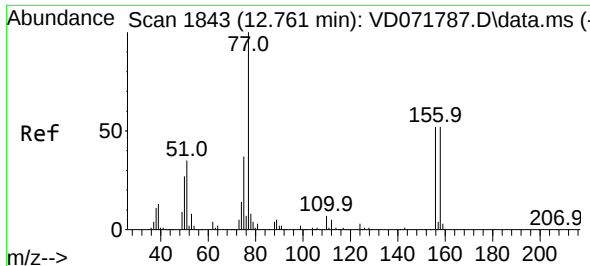
Ion Ratio Lower Upper

152 100

115 61.1 31.3 93.8

150 154.1 0.0 348.6

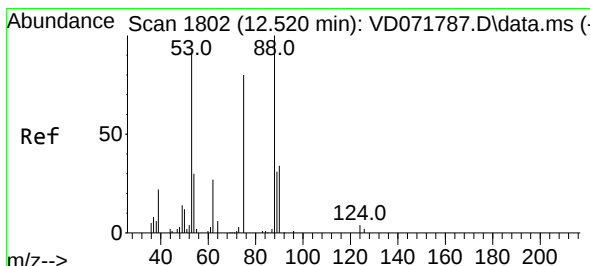
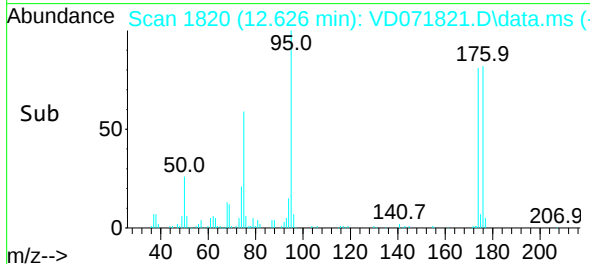
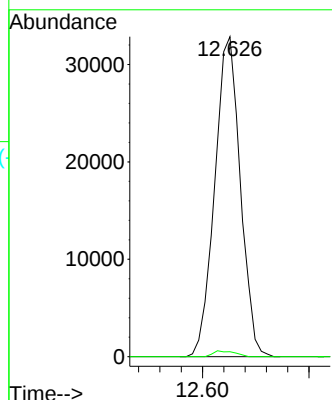
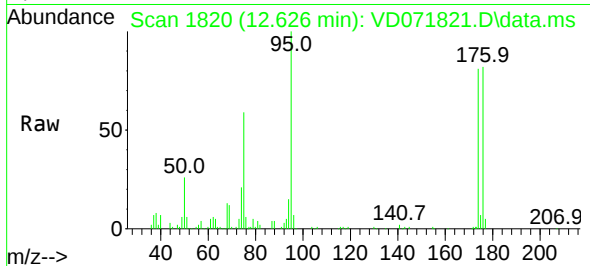




#76
1,2,3-Trichloropropane
Concen: 52.537 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071821.D
Acq: 28 Jan 2022 13:54

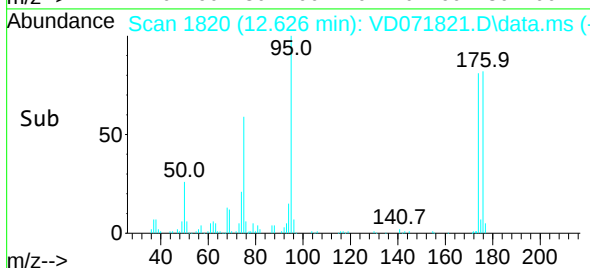
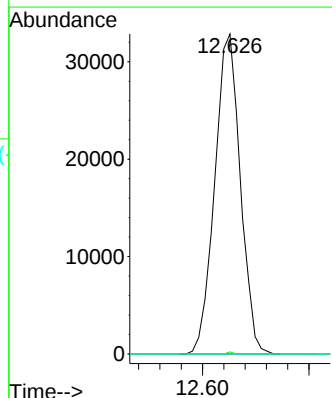
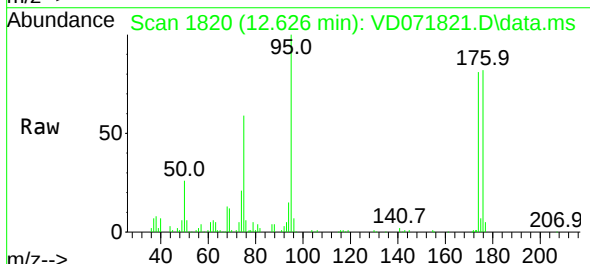
Instrument :
MSVOA_D
ClientSampleId :
TR-05-012722

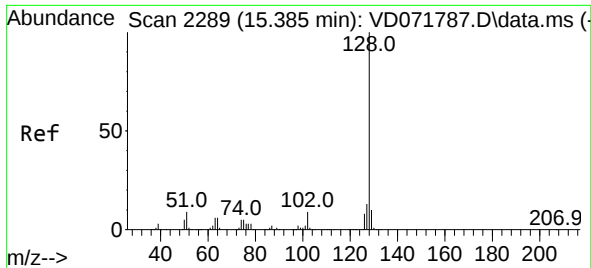
Tgt Ion: 75 Resp: 54667
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 129.178 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD071821.D
Acq: 28 Jan 2022 13:54

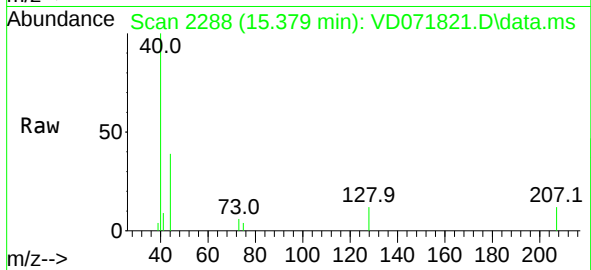
Tgt Ion: 75 Resp: 54667
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.0 33.9 50.9#





#95
Naphthalene
Concen: 1.638 ug/l
RT: 15.379 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD071821.D
Acq: 28 Jan 2022 13:54

Instrument :
MSVOA_D
ClientSampleId :
TR-05-012722



Tgt Ion:128 Resp: 652
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.4 12.6#

