

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021422\
 Data File : VD071964.D
 Acq On : 14 Feb 2022 18:33
 Operator : VA/SY
 Sample : N1525-01RE
 Misc : 5.10G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-02-021122RE

Quant Time: Feb 15 00:38:19 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)

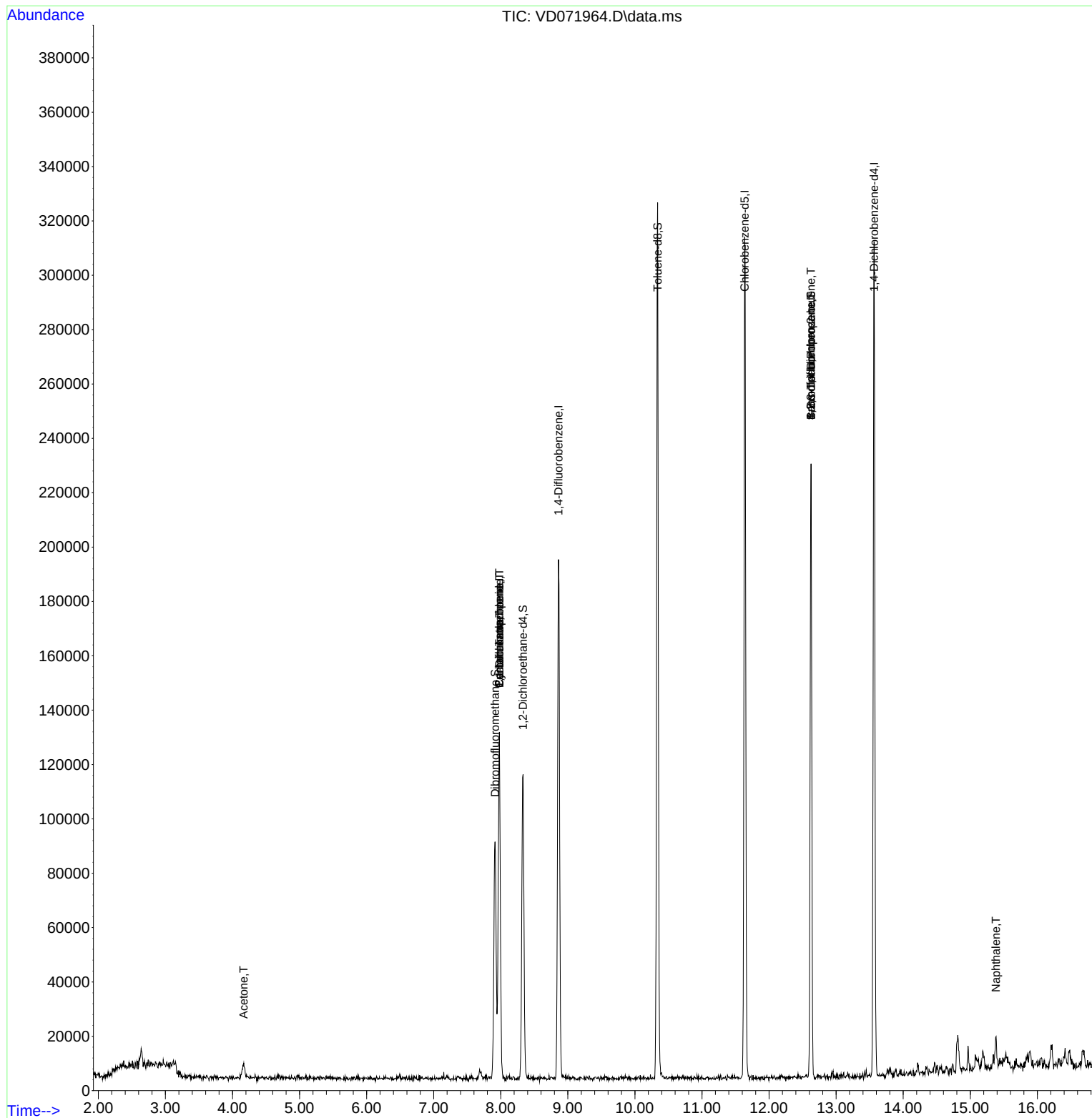
Internal Standards						
1) Pentafluorobenzene	7.979	168	82199	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	153755	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	168743	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	76749	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	90814	87.409	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163		Recovery	= 174.820%#	
35) Dibromofluoromethane	7.914	113	63190	62.523	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147		Recovery	= 125.040%	
50) Toluene-d8	10.338	98	205838	54.533	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140		Recovery	= 109.060%	
62) 4-Bromofluorobenzene	12.626	95	72164	54.748	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144		Recovery	= 109.500%	
Target Compounds						
16) Acetone	4.167	43	10368	36.455	ug/l	95
20) Methylene Chloride	4.962	84	888	Below Cal	#	45
31) Cyclohexane	7.979	56	2964	1.494	ug/l #	1
36) 1,1-Dichloropropene	7.979	75	7884	4.545	ug/l #	45
38) Carbon Tetrachloride	7.979	117	9358	5.455	ug/l #	19
71) Bromoform	12.626	173	919	1.325	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	42598	52.666	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	42598	129.493	ug/l #	7
95) Naphthalene	15.384	128	8781	4.652	ug/l #	93

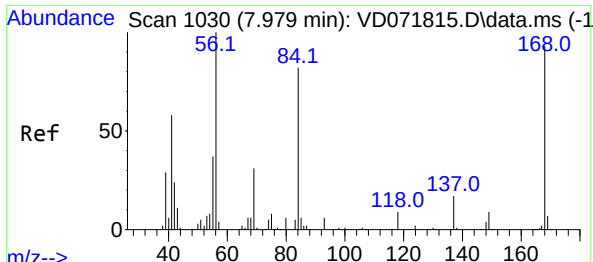
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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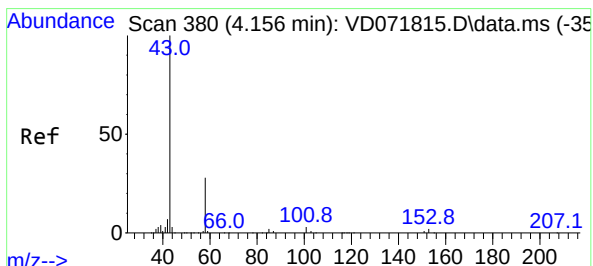
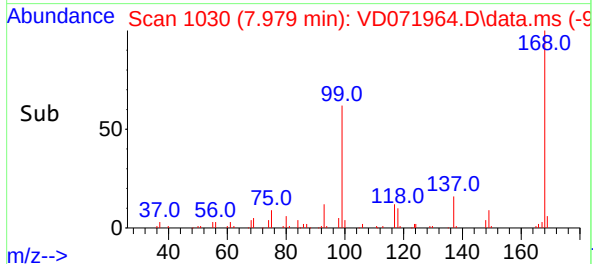
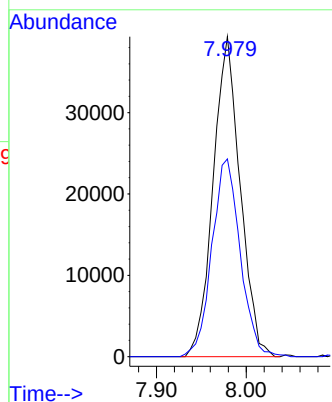
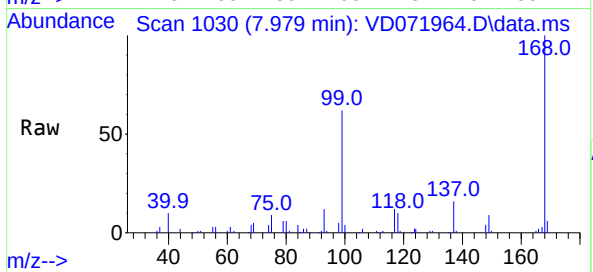




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071964.D
Acq: 14 Feb 2022 18:33

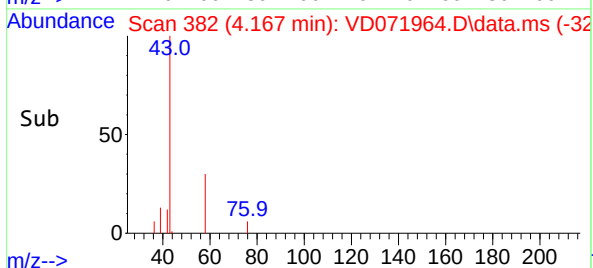
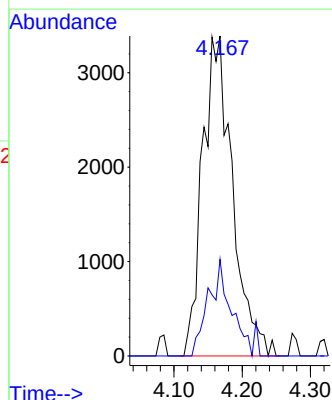
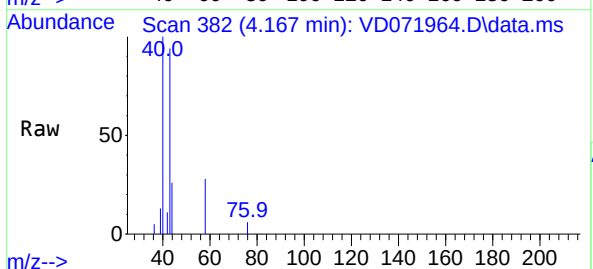
Instrument :
MSVOA_D
ClientSampleId :
OR-02-021122RE

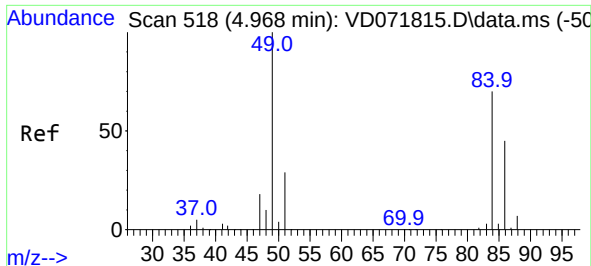
Tgt Ion:168 Resp: 82199
Ion Ratio Lower Upper
168 100
99 61.8 49.8 74.6



#16
Acetone
Concen: 36.455 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.012 min
Lab File: VD071964.D
Acq: 14 Feb 2022 18:33

Tgt Ion: 43 Resp: 10368
Ion Ratio Lower Upper
43 100
58 30.2 22.1 33.1

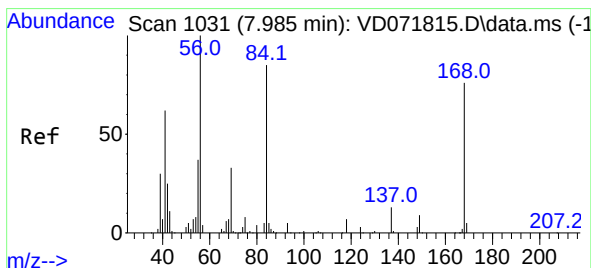
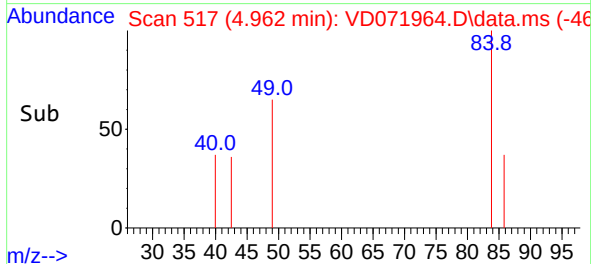
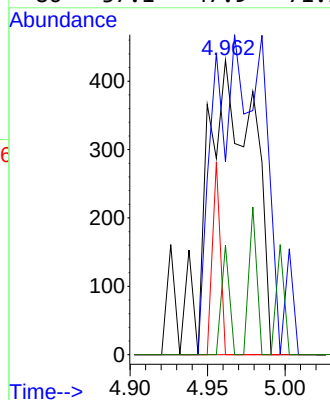
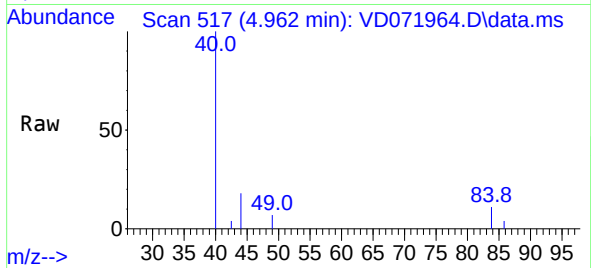




#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD071964.D
Acq: 14 Feb 2022 18:33

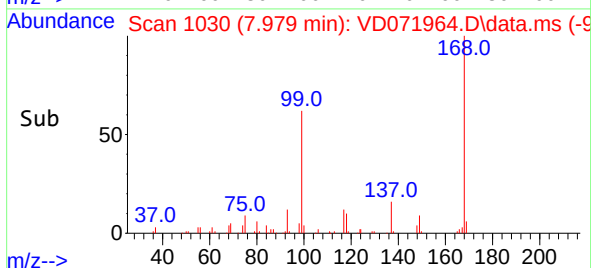
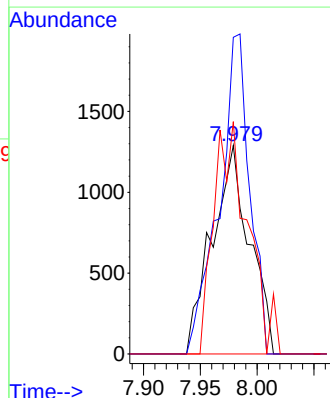
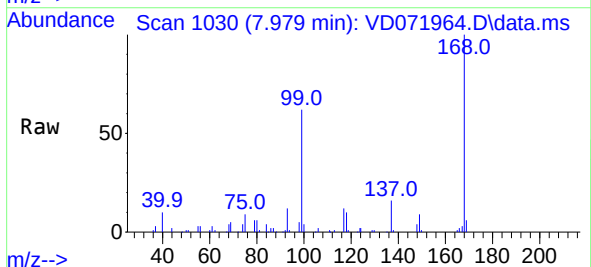
Instrument :
MSVOA_D
ClientSampleId :
OR-02-021122RE

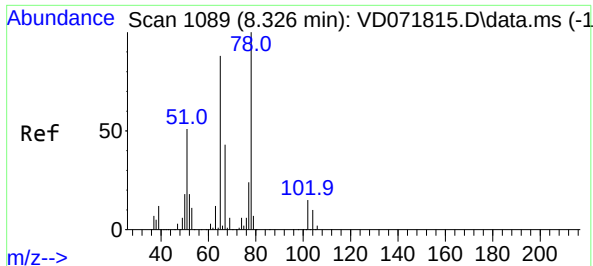
Tgt Ion:	84	Resp:	888
Ion	Ratio	Lower	Upper
84	100		
49	65.4	112.8	169.2#
51	0.0	32.6	48.8#
86	37.1	47.9	71.9#



#31
Cyclohexane
Concen: 1.494 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071964.D
Acq: 14 Feb 2022 18:33

Tgt Ion:	56	Resp:	2964
Ion	Ratio	Lower	Upper
56	100		
69	151.9	25.4	38.2#
84	124.8	63.0	94.4#

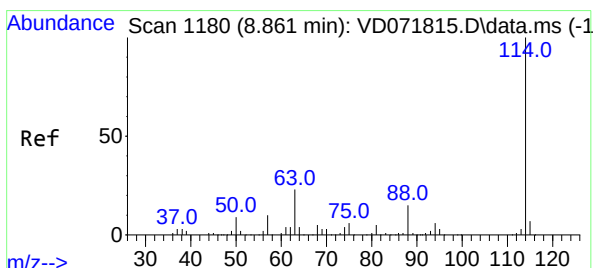
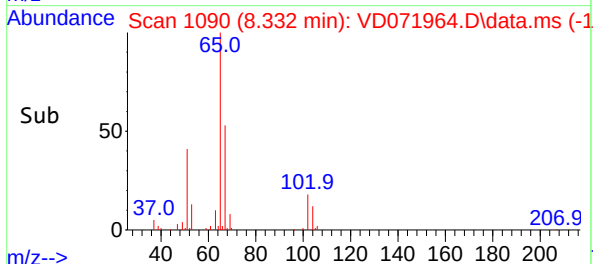
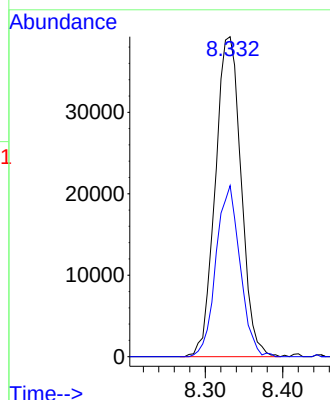
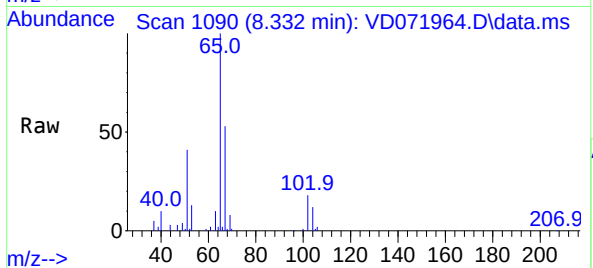




#33
1,2-Dichloroethane-d4
Concen: 87.409 ug/l
RT: 8.332 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD071964.D
Acq: 14 Feb 2022 18:33

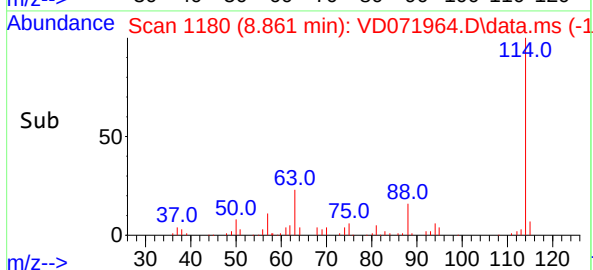
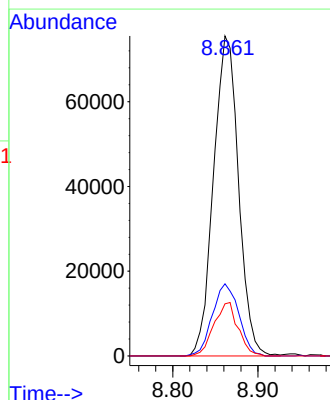
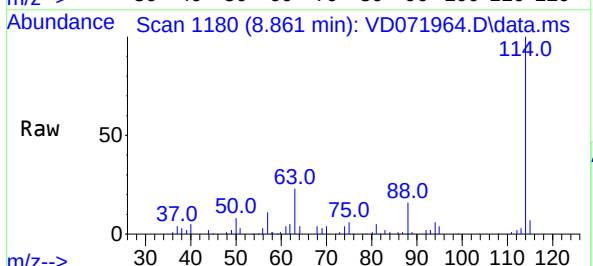
Instrument :
MSVOA_D
ClientSampleId :
OR-02-021122RE

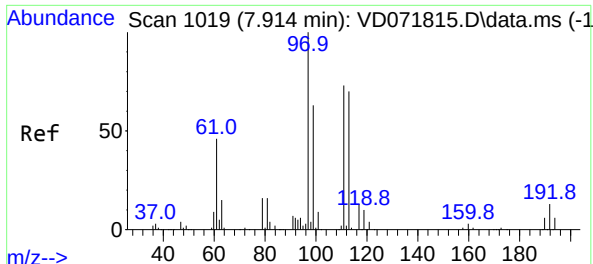
Tgt Ion: 65 Resp: 90814
Ion Ratio Lower Upper
65 100
67 50.0 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD071964.D
Acq: 14 Feb 2022 18:33

Tgt Ion: 114 Resp: 153755
Ion Ratio Lower Upper
114 100
63 22.5 0.0 46.6
88 16.3 0.0 33.2



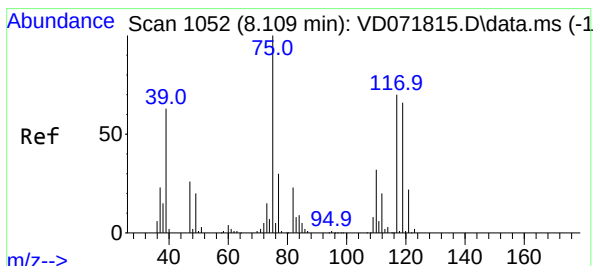
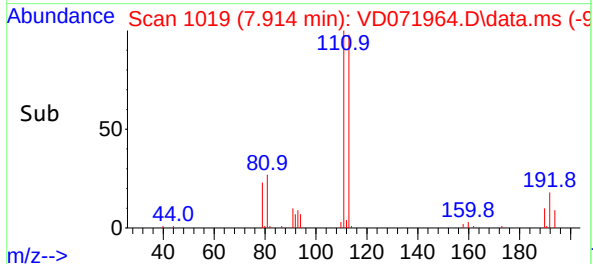
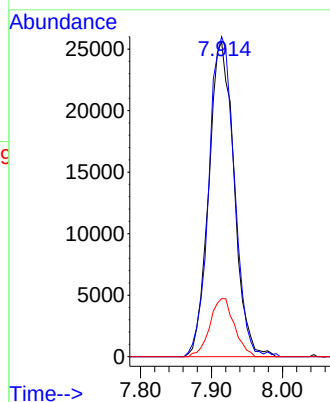
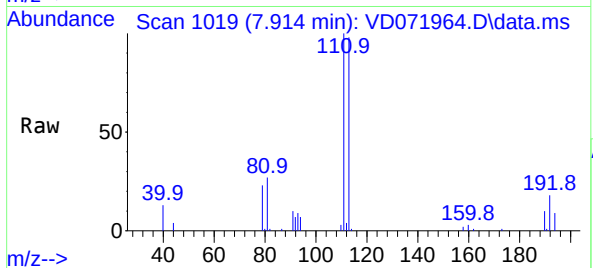


#35
Dibromofluoromethane
Concen: 62.523 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD071964.D
Acq: 14 Feb 2022 18:33

Instrument :
MSVOA_D
ClientSampleId :
OR-02-021122RE

Tgt Ion:113 Resp: 63190

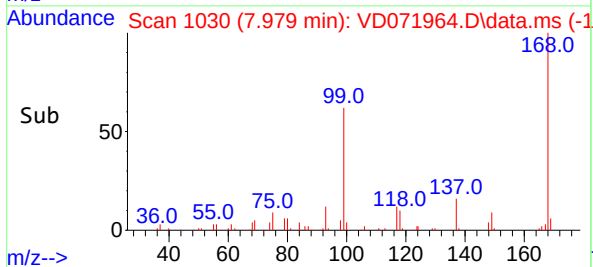
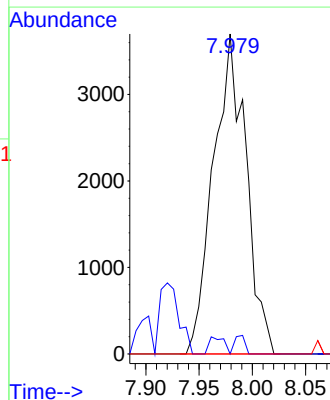
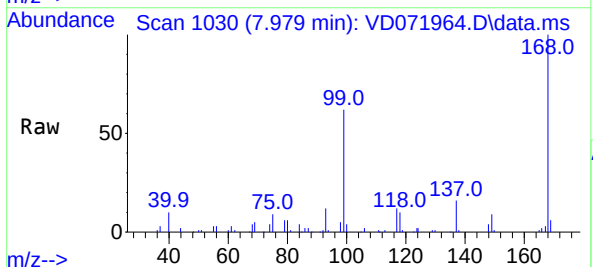
Ion	Ratio	Lower	Upper
113	100		
111	102.3	83.8	125.6
192	17.9	14.6	21.8

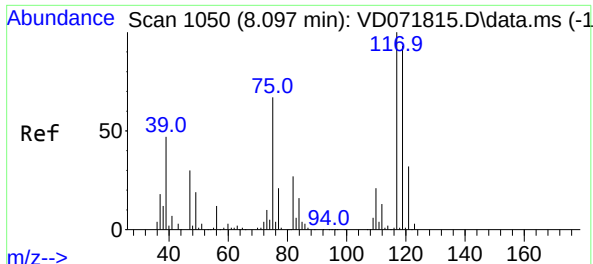


#36
1,1-Dichloropropene
Concen: 4.545 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD071964.D
Acq: 14 Feb 2022 18:33

Tgt Ion: 75 Resp: 7884

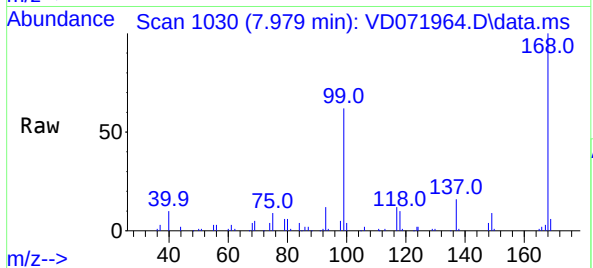
Ion	Ratio	Lower	Upper
75	100		
110	1.9	16.4	49.1#
77	0.0	24.2	36.2#



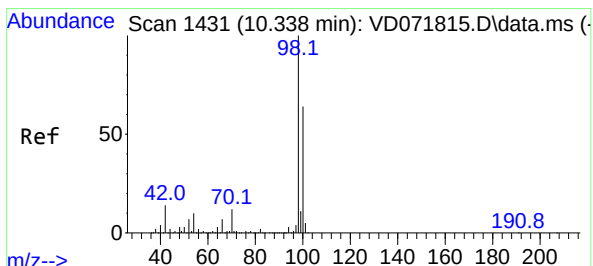
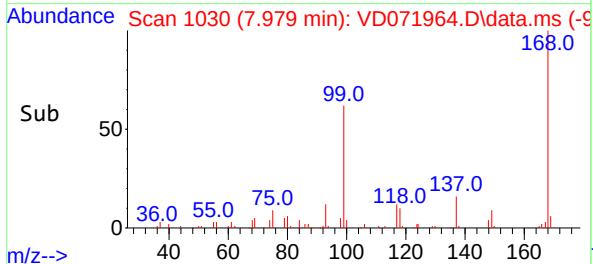
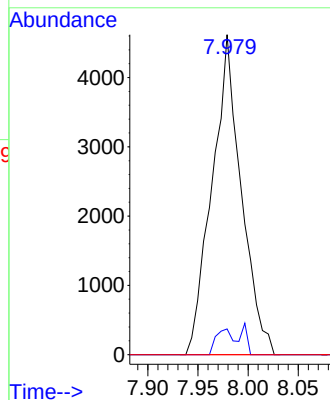


#38
Carbon Tetrachloride
Concen: 5.455 ug/l
RT: 7.979 min Scan# 1050
Delta R.T. -0.118 min
Lab File: VD071964.D
Acq: 14 Feb 2022 18:33

Instrument :
MSVOA_D
ClientSampleId :
OR-02-021122RE

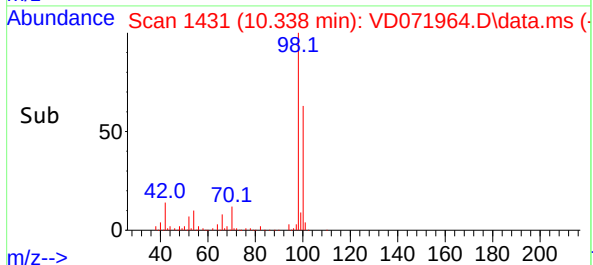
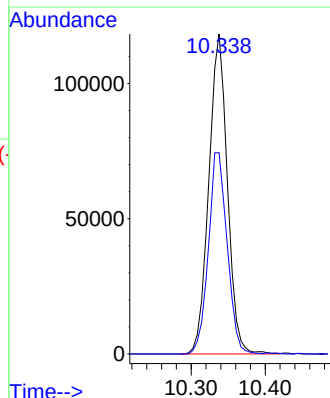
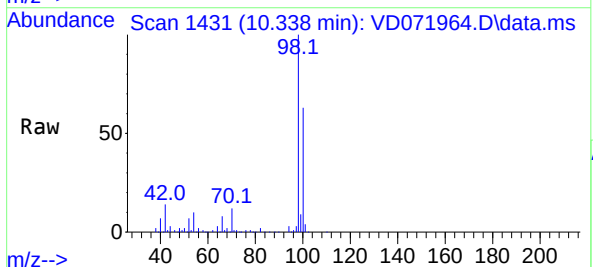


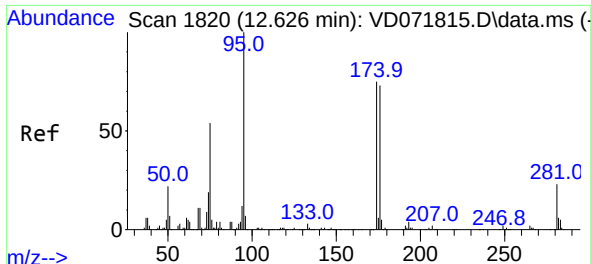
Tgt Ion:117 Resp: 9358
Ion Ratio Lower Upper
117 100
119 8.0 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 54.533 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071964.D
Acq: 14 Feb 2022 18:33

Tgt Ion: 98 Resp: 205838
Ion Ratio Lower Upper
98 100
100 63.7 52.4 78.6

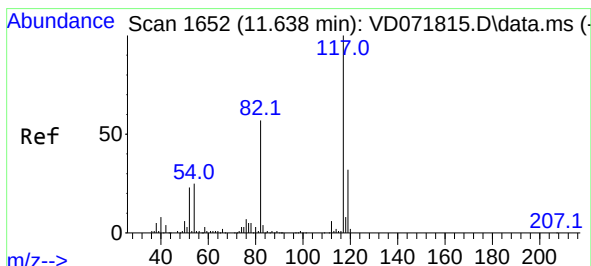
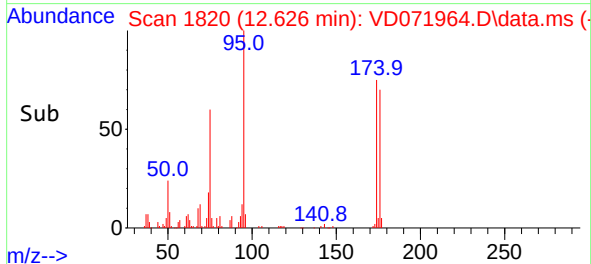
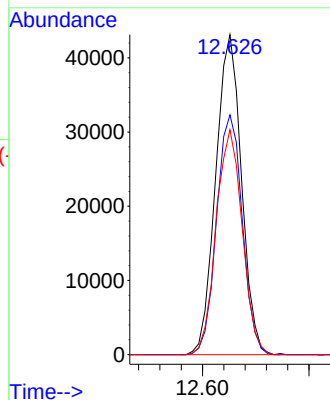
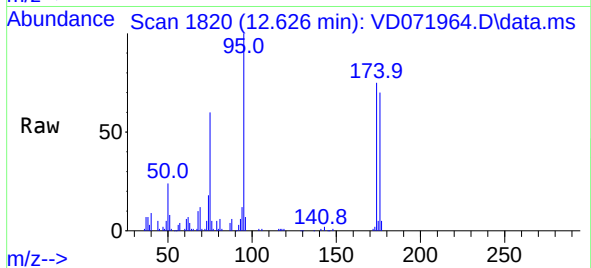




#62
4-Bromofluorobenzene
Concen: 54.748 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071964.D
Acq: 14 Feb 2022 18:33

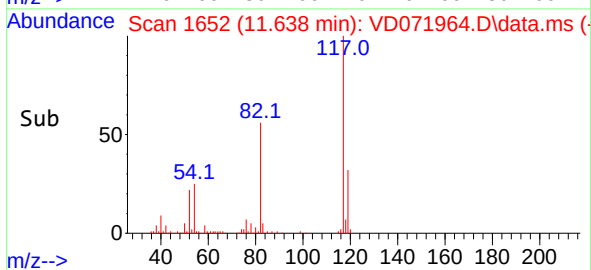
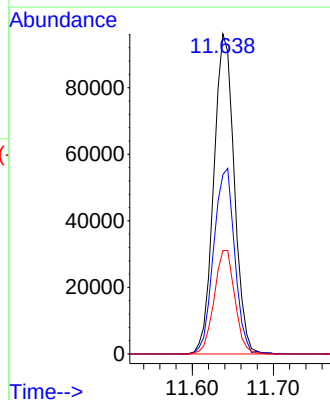
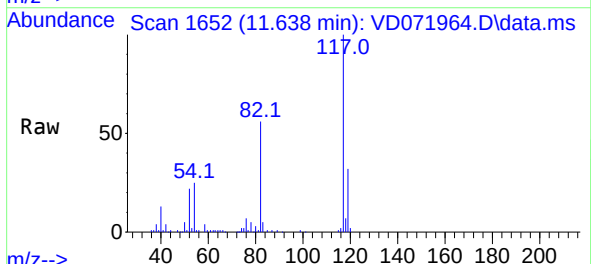
Instrument :
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ClientSampleId :
OR-02-021122RE

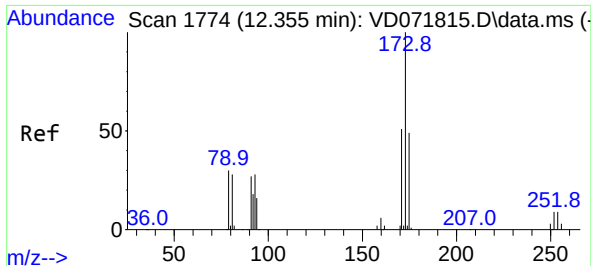
Tgt Ion: 95 Resp: 72164
Ion Ratio Lower Upper
95 100
174 75.0 0.0 152.8
176 71.5 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071964.D
Acq: 14 Feb 2022 18:33

Tgt Ion: 117 Resp: 168743
Ion Ratio Lower Upper
117 100
82 56.0 45.3 67.9
119 32.3 26.6 40.0

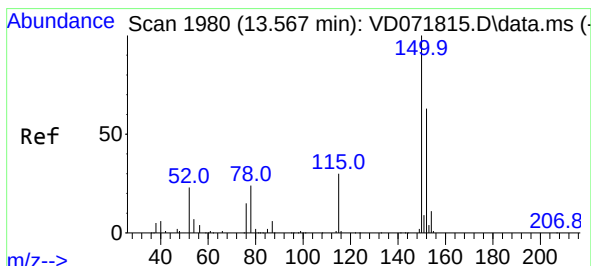
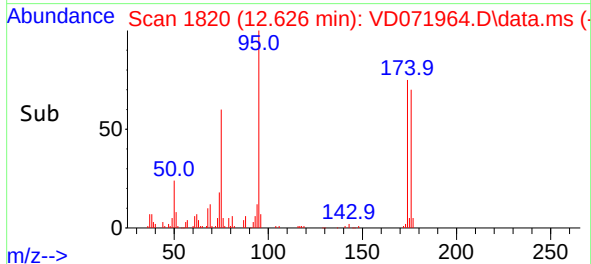
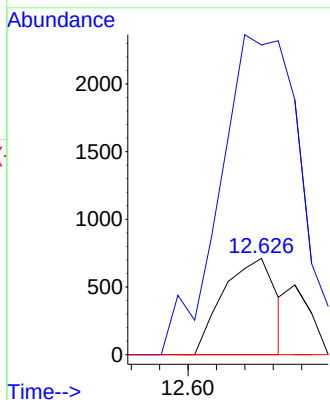
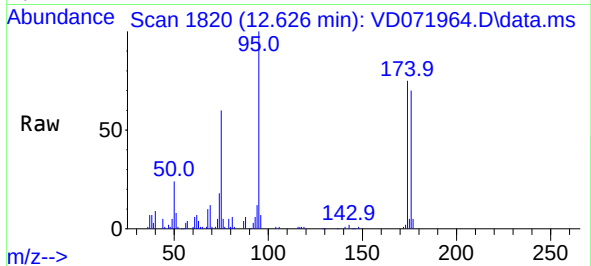




#71
Bromoform
Concen: 1.325 ug/l
RT: 12.626 min Scan# 11
Delta R.T. 0.271 min
Lab File: VD071964.D
Acq: 14 Feb 2022 18:33

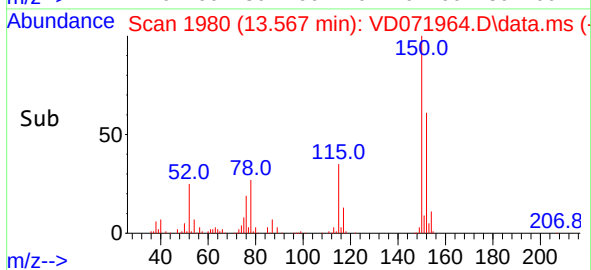
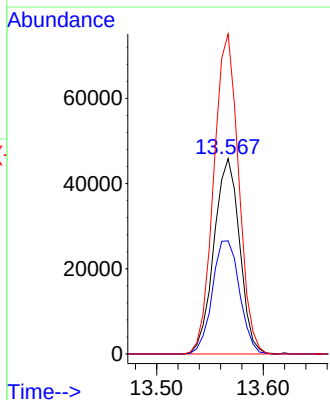
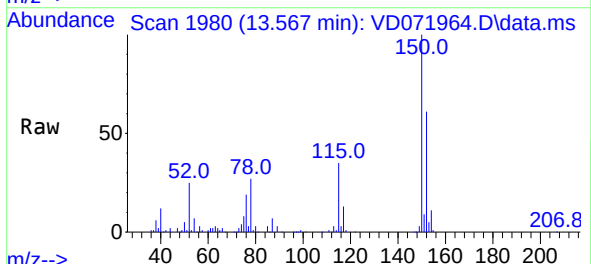
Instrument :
MSVOA_D
ClientSampleId :
OR-02-021122RE

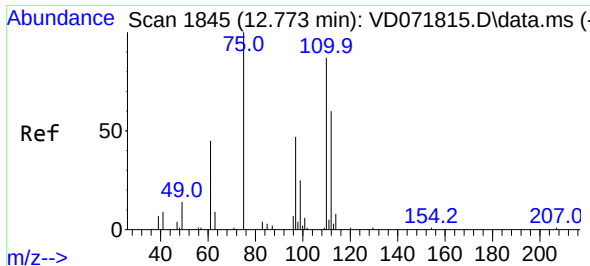
Tgt Ion:173 Resp: 919
Ion Ratio Lower Upper
173 100
175 299.8 23.9 71.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071964.D
Acq: 14 Feb 2022 18:33

Tgt Ion:152 Resp: 76749
Ion Ratio Lower Upper
152 100
115 61.4 31.3 93.8
150 158.7 0.0 348.6

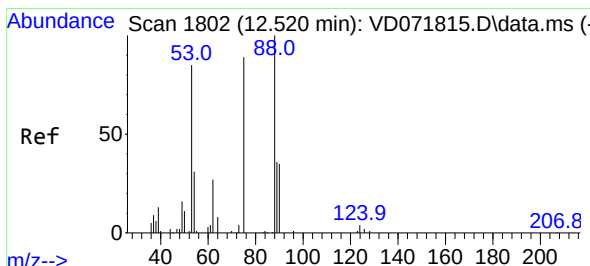
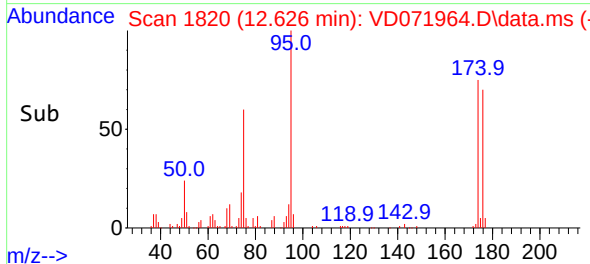
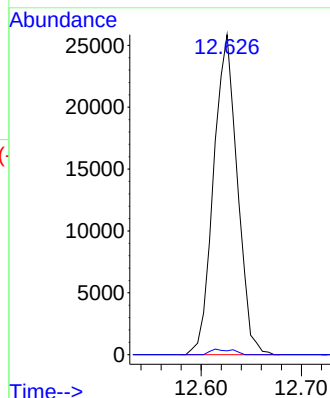
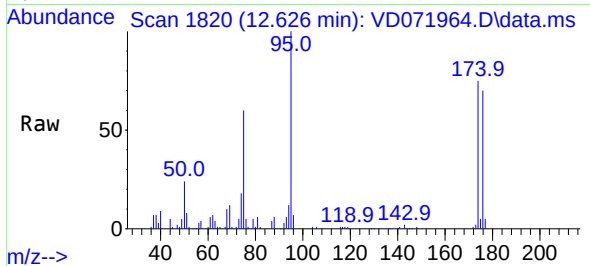




#76
1,2,3-Trichloropropane
Concen: 52.666 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071964.D
Acq: 14 Feb 2022 18:33

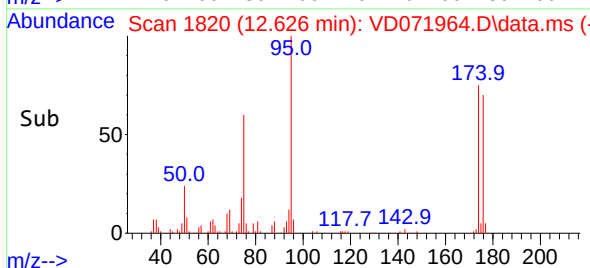
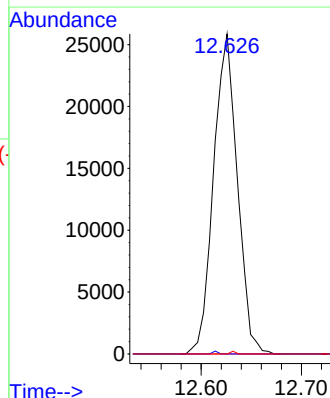
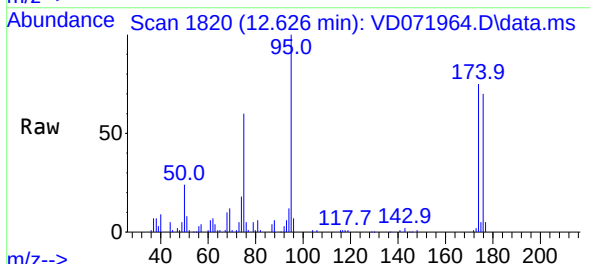
Instrument :
MSVOA_D
ClientSampleId :
OR-02-021122RE

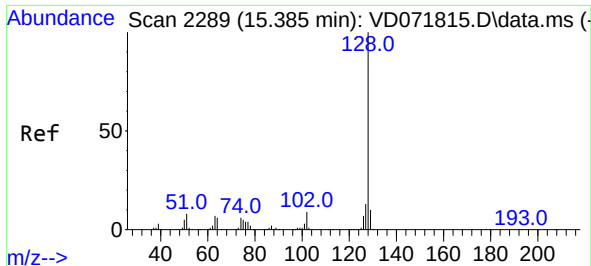
Tgt Ion: 75 Resp: 42598
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 129.493 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD071964.D
Acq: 14 Feb 2022 18:33

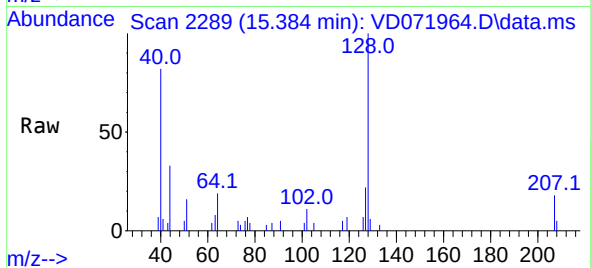
Tgt Ion: 75 Resp: 42598
Ion Ratio Lower Upper
75 100
53 0.2 86.5 129.7#
89 0.2 33.9 50.9#





#95
Naphthalene
Concen: 4.652 ug/l
RT: 15.384 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD071964.D
Acq: 14 Feb 2022 18:33

Instrument :
MSVOA_D
ClientSampleId :
OR-02-021122RE



Tgt Ion:128 Resp: 8781
Ion Ratio Lower Upper
128 100
127 17.2 10.3 15.5#
129 11.7 8.4 12.6

