

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081722\
 Data File : VD074132.D
 Acq On : 17 Aug 2022 19:01
 Operator : VA/SY
 Sample : N4215-01
 Misc : 5.91G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-1

Quant Time: Aug 18 03:23:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081522S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 01:41:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	102195	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	180736	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	154921	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	53235	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	47149	64.102	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	128.200%
35) Dibromofluoromethane	7.909	113	57119	49.456	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.920%
50) Toluene-d8	10.332	98	119820	34.170	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	68.340%
62) 4-Bromofluorobenzene	12.620	95	49083	33.896	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	67.800%

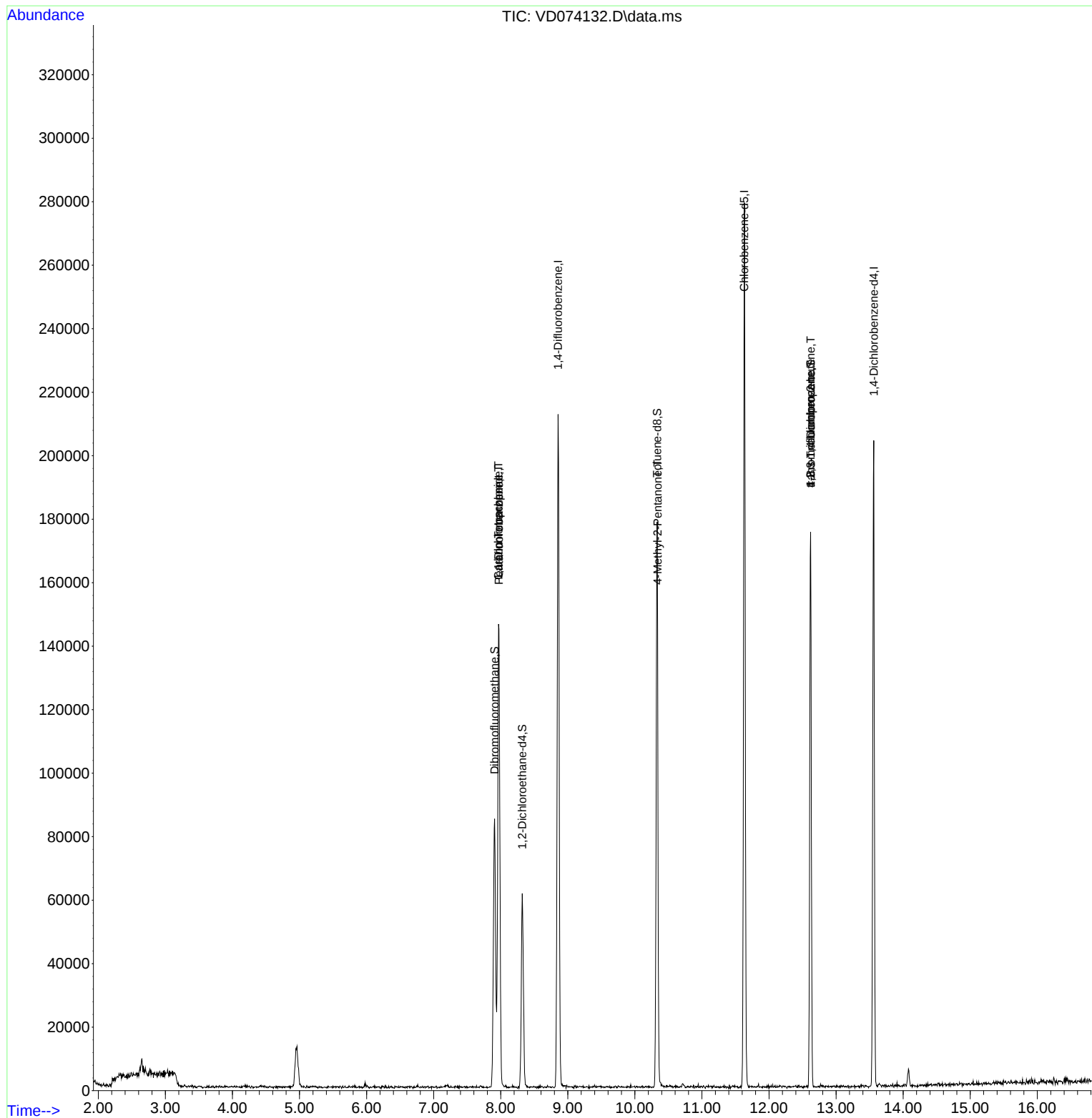
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.209	50	249	Below Cal	#	40
6) Chloroethane	3.121	64	90	Below Cal	#	42
16) Acetone	4.156	43	145	Below Cal	#	47
20) Methylene Chloride	4.962	84	10053	Below Cal	#	73
31) Cyclohexane	7.967	56	2394	Below Cal	#	1
36) 1,1-Dichloropropene	7.967	75	9222	5.855	ug/l #	51
38) Carbon Tetrachloride	7.967	117	11898	6.545	ug/l #	18
51) 4-Methyl-2-Pentanone	10.338	43	690	1.176	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	26379	55.609	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	26379	155.087	ug/l #	7

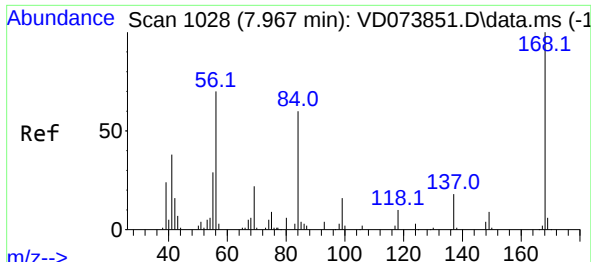
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Aug 16 01:41:25 2022
Response via : Initial Calibration

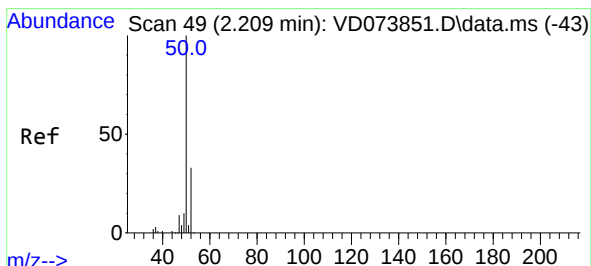
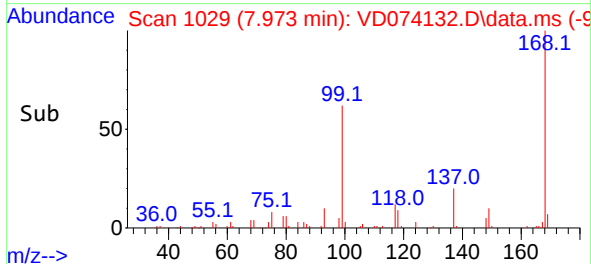
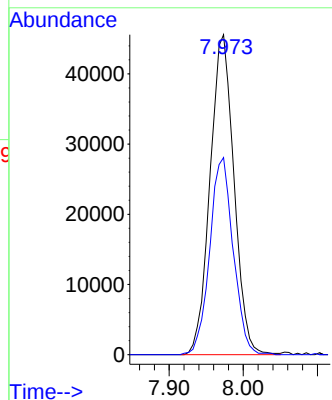
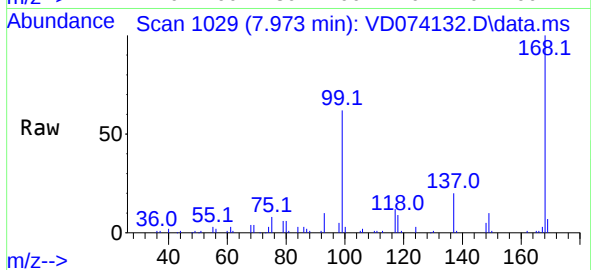




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD074132.D
Acq: 17 Aug 2022 19:01

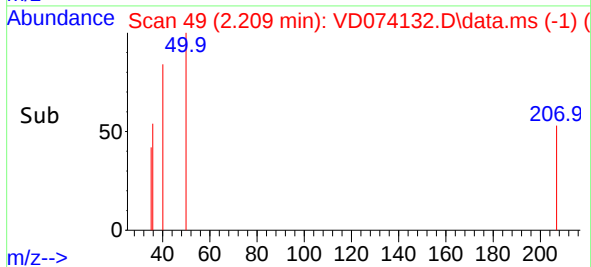
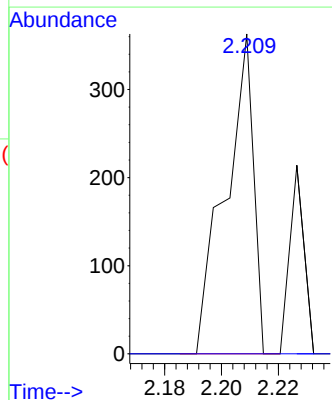
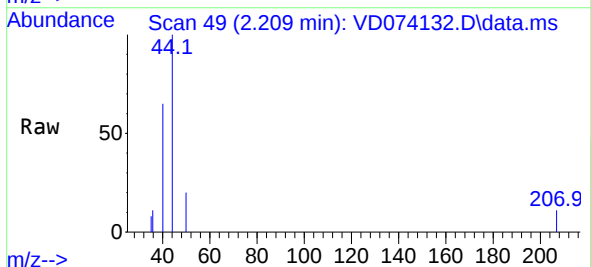
Instrument :
MSVOA_D
ClientSampleId :
WC-1

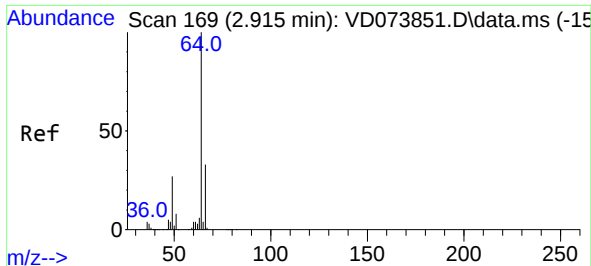
Tgt Ion:168 Resp: 102195
Ion Ratio Lower Upper
168 100
99 61.6 49.8 74.6



#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD074132.D
Acq: 17 Aug 2022 19:01

Tgt Ion: 50 Resp: 249
Ion Ratio Lower Upper
50 100
52 0.0 27.4 41.0#

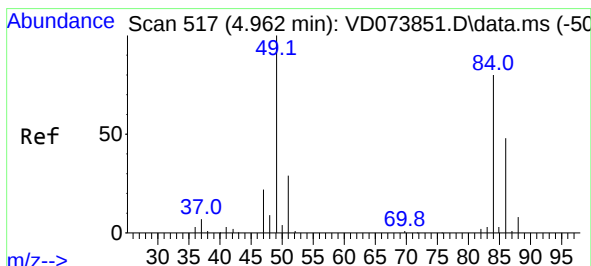
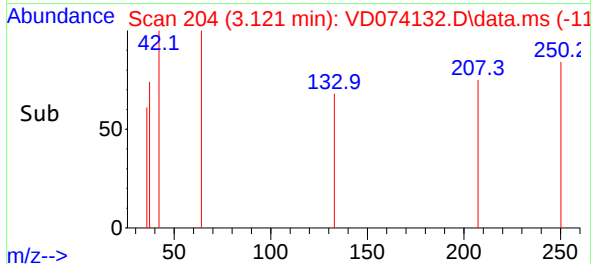
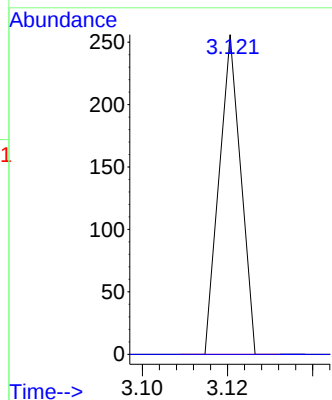
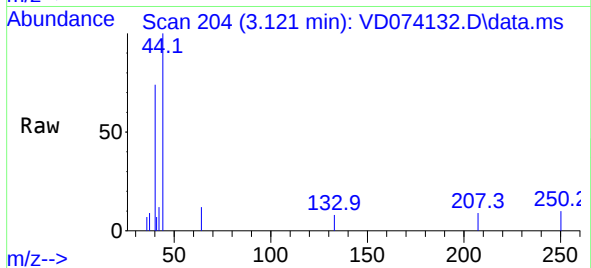




#6
Chloroethane
Concen: Below Cal
RT: 3.121 min Scan# 20
Delta R.T. 0.206 min
Lab File: VD074132.D
Acq: 17 Aug 2022 19:01

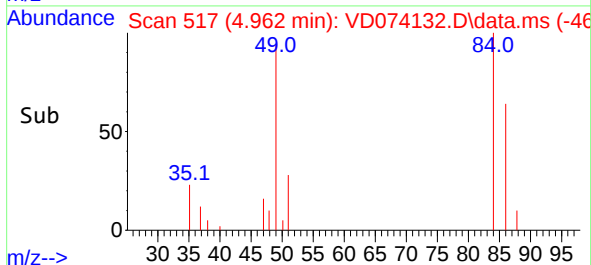
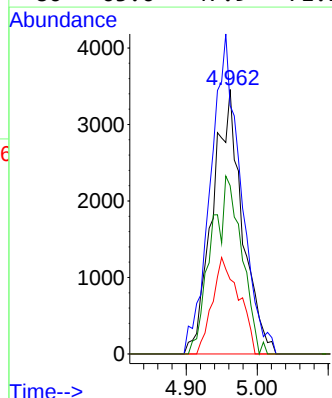
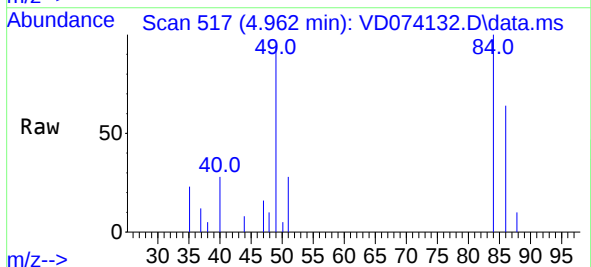
Instrument :
MSVOA_D
ClientSampleId :
WC-1

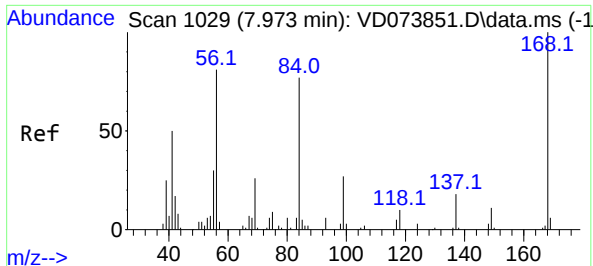
Tgt Ion: 64 Resp: 90
Ion Ratio Lower Upper
64 100
66 0.0 25.9 38.9#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD074132.D
Acq: 17 Aug 2022 19:01

Tgt Ion: 84 Resp: 10053
Ion Ratio Lower Upper
84 100
49 93.9 112.8 169.2#
51 28.2 32.6 48.8#
86 63.6 47.9 71.9

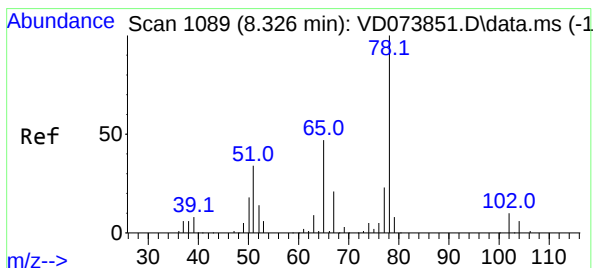
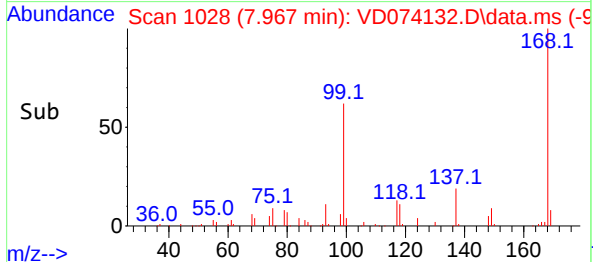
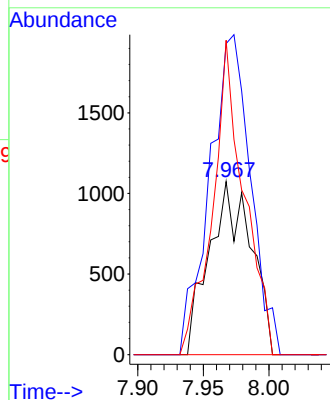
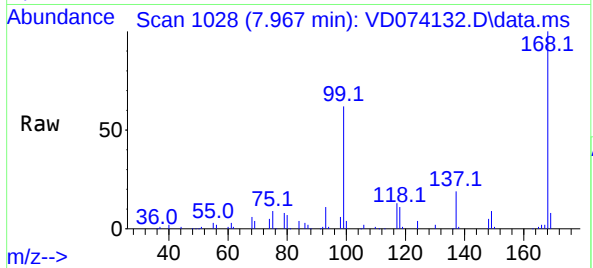




#31
Cyclohexane
Concen: Below Cal
RT: 7.967 min Scan# 1028
Delta R.T. -0.006 min
Lab File: VD074132.D
Acq: 17 Aug 2022 19:01

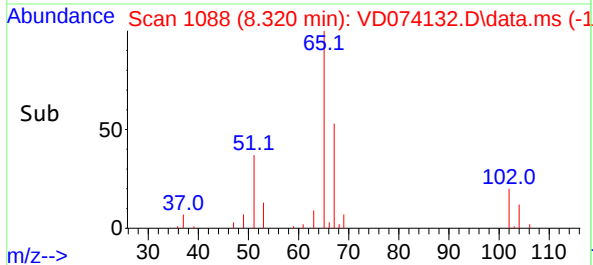
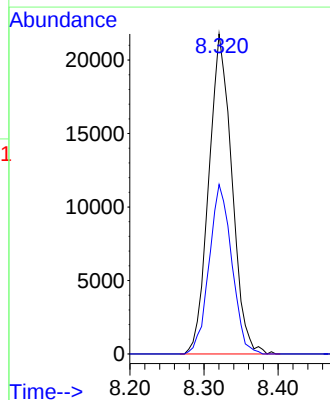
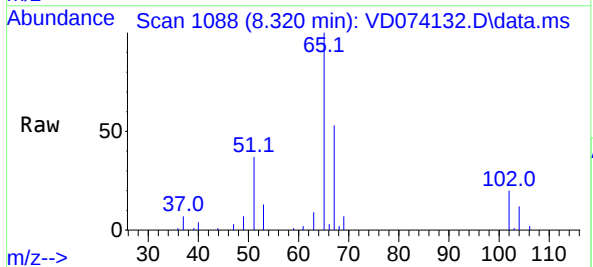
Instrument :
MSVOA_D
ClientSampleId :
WC-1

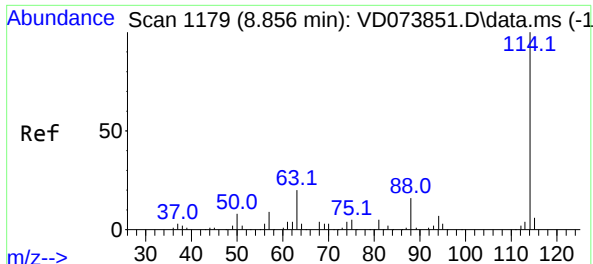
Tgt Ion: 56 Resp: 2394
Ion Ratio Lower Upper
56 100
69 179.6 25.4 38.2#
84 181.6 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 64.102 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD074132.D
Acq: 17 Aug 2022 19:01

Tgt Ion: 65 Resp: 47149
Ion Ratio Lower Upper
65 100
67 51.9 0.0 101.4

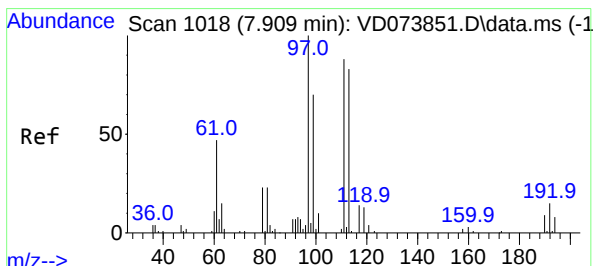
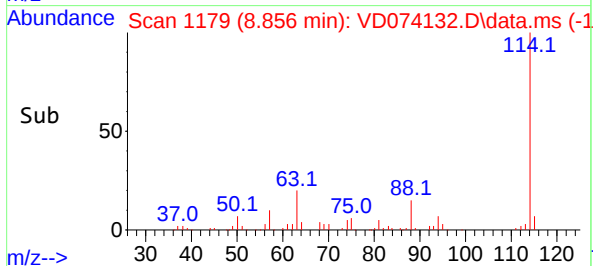
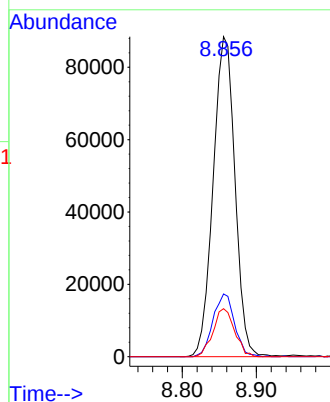
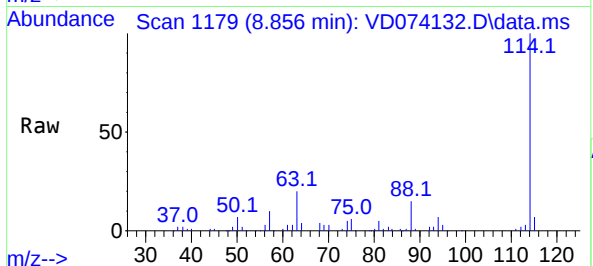




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.856 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VD074132.D
Acq: 17 Aug 2022 19:01

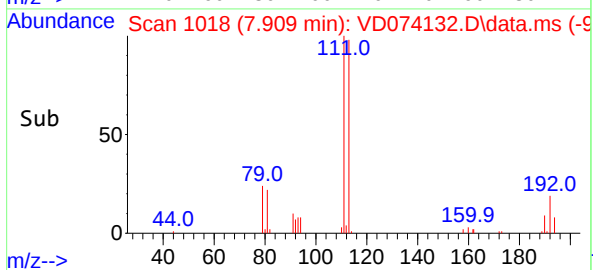
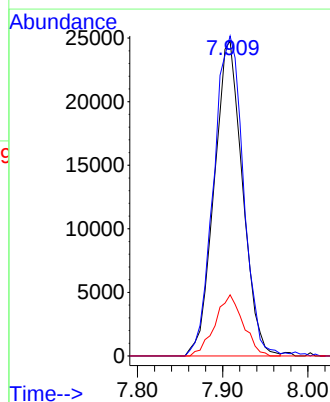
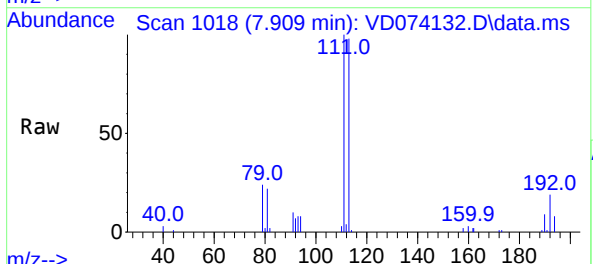
Instrument :
MSVOA_D
ClientSampleId :
WC-1

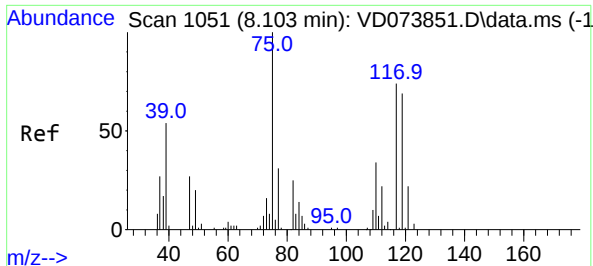
Tgt Ion:114 Resp: 180736
Ion Ratio Lower Upper
114 100
63 19.6 0.0 46.6
88 15.0 0.0 33.2



#35
Dibromofluoromethane
Concen: 49.456 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD074132.D
Acq: 17 Aug 2022 19:01

Tgt Ion:113 Resp: 57119
Ion Ratio Lower Upper
113 100
111 106.8 83.8 125.6
192 19.3 14.6 21.8





#36

1,1-Dichloropropene

Concen: 5.855 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.136 min

Lab File: VD074132.D

Acq: 17 Aug 2022 19:01

Instrument :

MSVOA_D

ClientSampleId :

WC-1

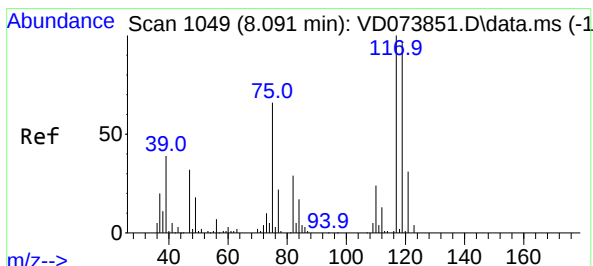
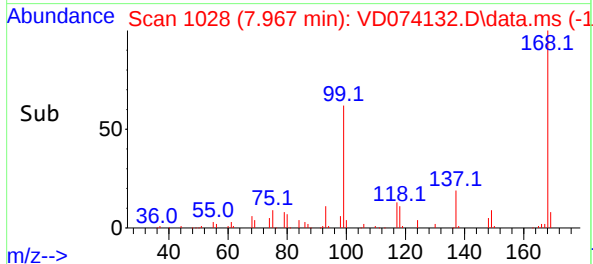
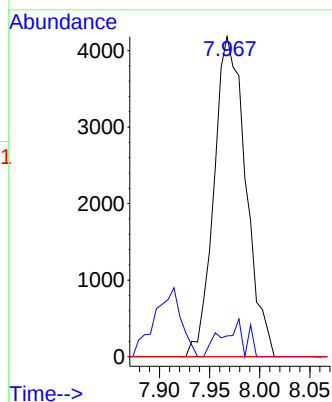
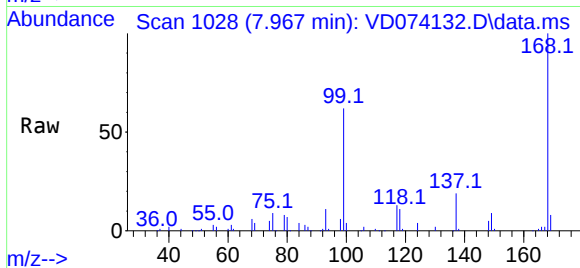
Tgt Ion: 75 Resp: 9222

Ion Ratio Lower Upper

75 100

110 8.3 16.4 49.1#

77 0.0 24.2 36.2#



#38

Carbon Tetrachloride

Concen: 6.545 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.124 min

Lab File: VD074132.D

Acq: 17 Aug 2022 19:01

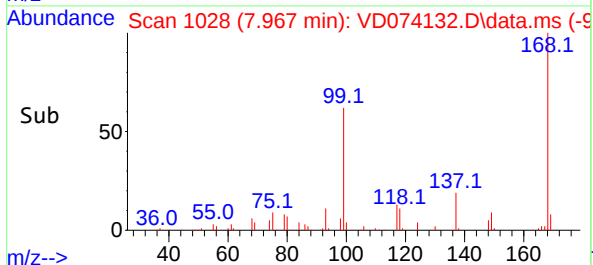
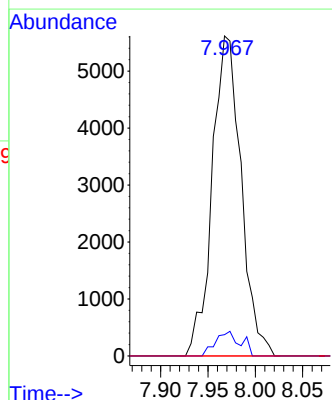
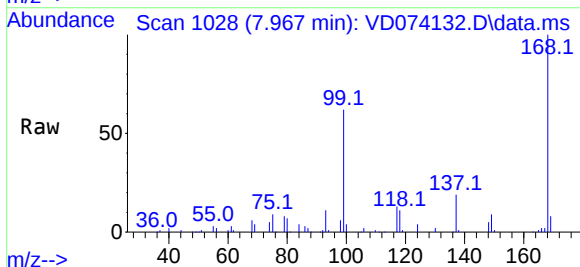
Tgt Ion: 117 Resp: 11898

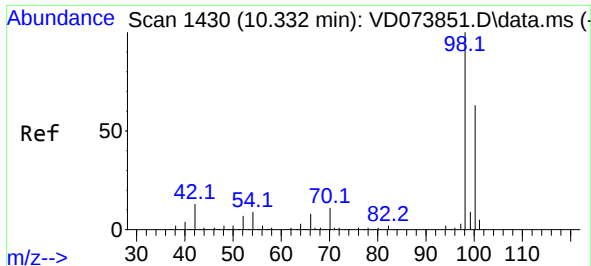
Ion Ratio Lower Upper

117 100

119 6.6 75.8 113.6#

121 0.0 24.5 36.7#

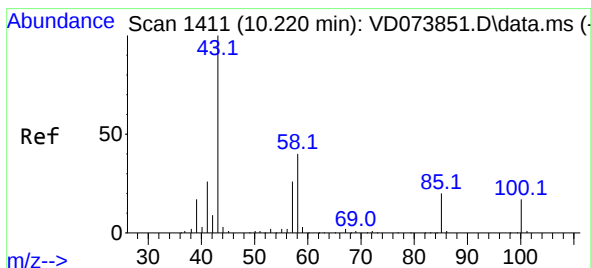
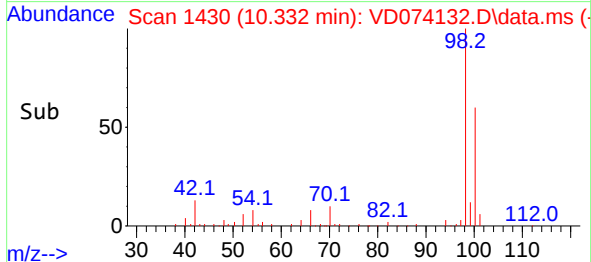
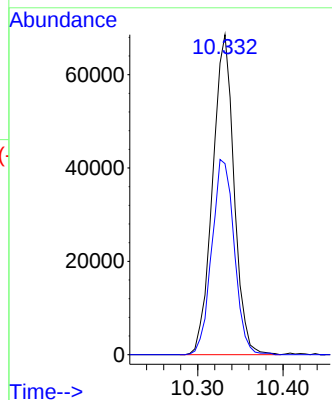
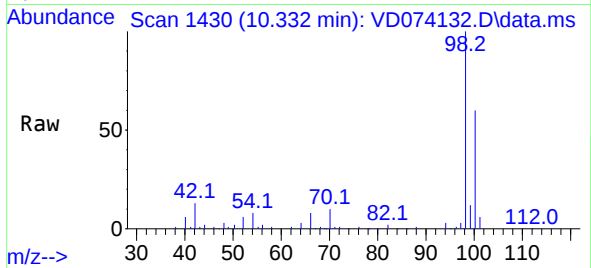




#50
Toluene-d8
Concen: 34.170 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD074132.D
Acq: 17 Aug 2022 19:01

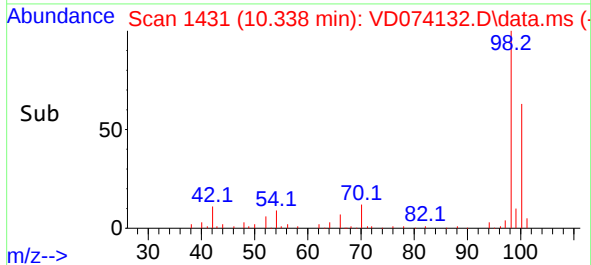
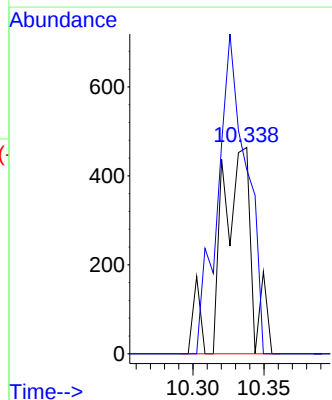
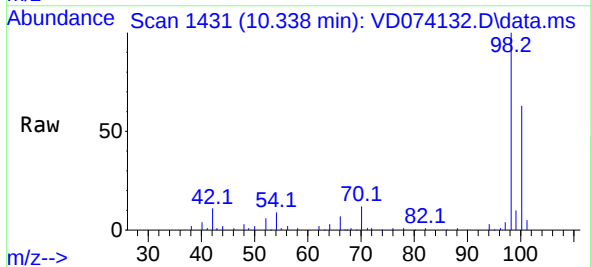
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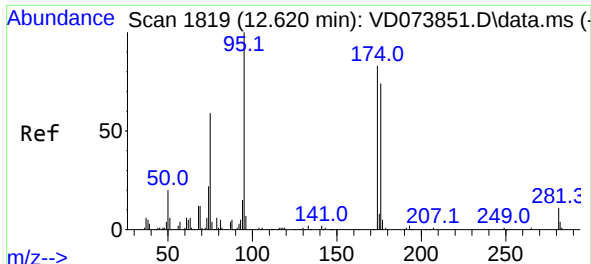
Tgt Ion: 98 Resp: 119820
Ion Ratio Lower Upper
98 100
100 63.8 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 1.176 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.118 min
Lab File: VD074132.D
Acq: 17 Aug 2022 19:01

Tgt Ion: 43 Resp: 690
Ion Ratio Lower Upper
43 100
58 147.4 28.6 43.0#

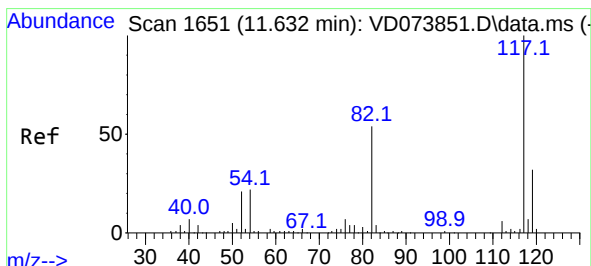
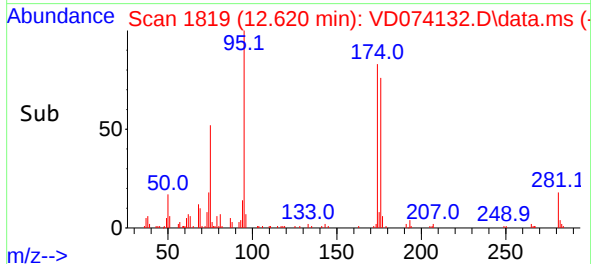
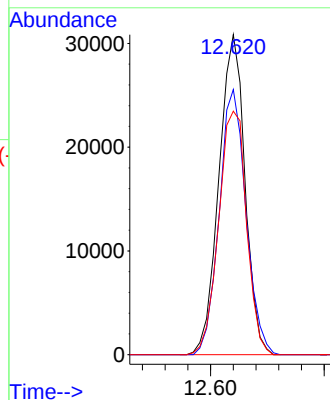
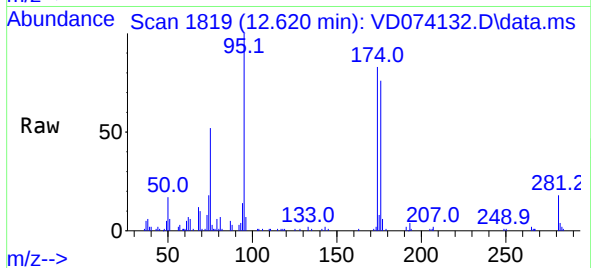




#62
4-Bromofluorobenzene
Concen: 33.896 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD074132.D
Acq: 17 Aug 2022 19:01

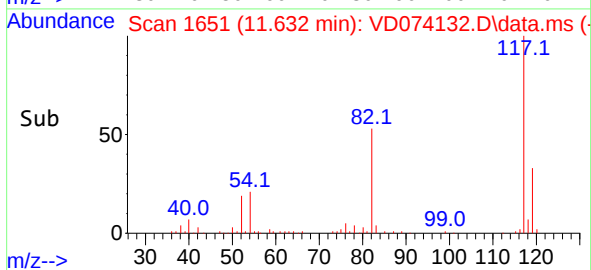
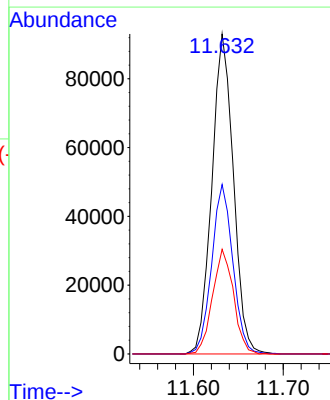
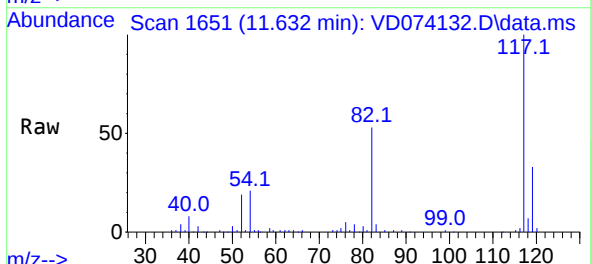
Instrument :
MSVOA_D
ClientSampleId :
WC-1

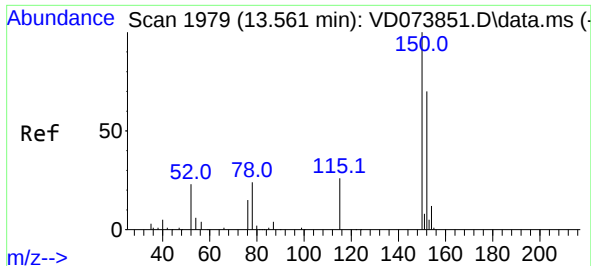
Tgt Ion:	95	Resp:	49083
Ion	Ratio	Lower	Upper
95	100		
174	85.0	0.0	152.8
176	81.3	0.0	145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD074132.D
Acq: 17 Aug 2022 19:01

Tgt Ion:	117	Resp:	154921
Ion	Ratio	Lower	Upper
117	100		
82	52.9	45.3	67.9
119	32.7	26.6	40.0

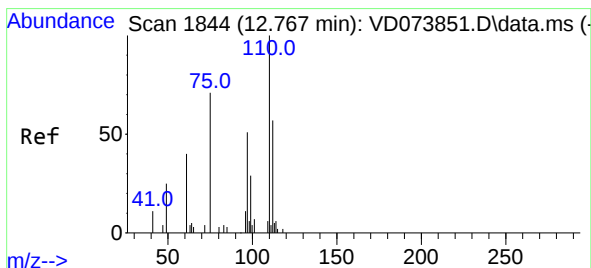
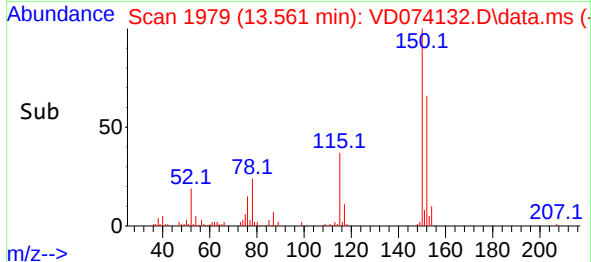
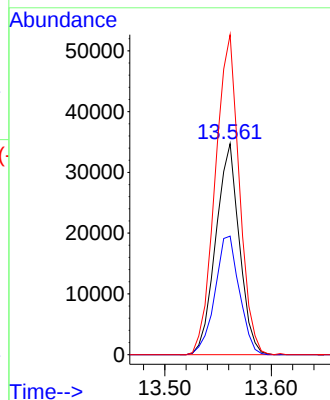
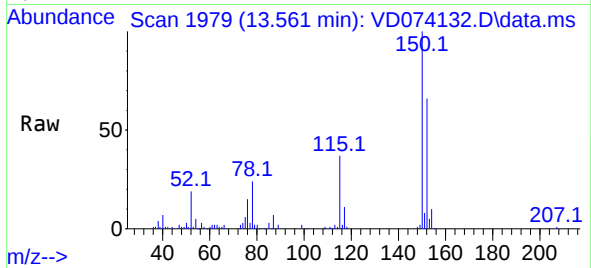




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1819
 Delta R.T. 0.000 min
 Lab File: VD074132.D
 Acq: 17 Aug 2022 19:01

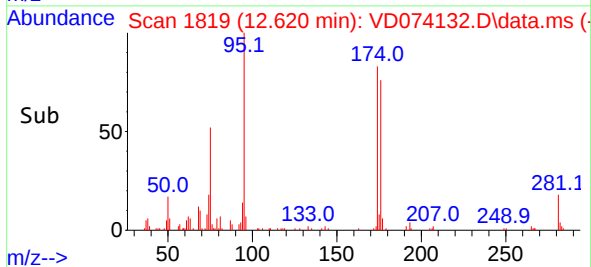
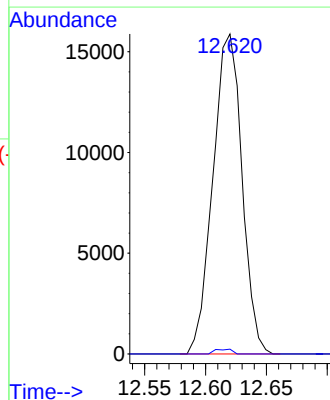
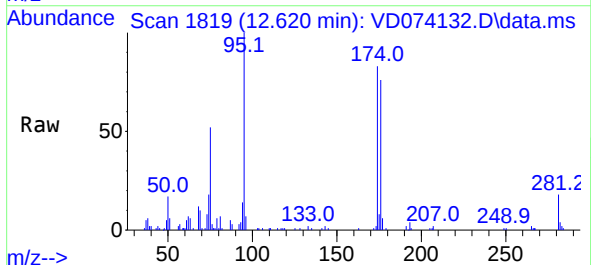
Instrument :
 MSVOA_D
 ClientSampleId :
 WC-1

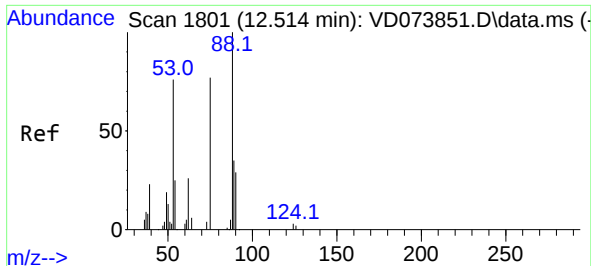
Tgt Ion:152 Resp: 53235
 Ion Ratio Lower Upper
 152 100
 115 58.4 31.3 93.8
 150 155.4 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 55.609 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.147 min
 Lab File: VD074132.D
 Acq: 17 Aug 2022 19:01

Tgt Ion: 75 Resp: 26379
 Ion Ratio Lower Upper
 75 100
 77 0.9 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 155.087 ug/l
RT: 12.620 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD074132.D
Acq: 17 Aug 2022 19:01

Instrument :
MSVOA_D
ClientSampleId :
WC-1

Tgt Ion: 75 Resp: 26379
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#

