

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081722\
 Data File : VD074130.D
 Acq On : 17 Aug 2022 18:04
 Operator : VA/SY
 Sample : N4188-19
 Misc : 12.45G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S7

Quant Time: Aug 18 03:22:34 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	7.967	168	137665	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	248328	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	231588	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	104004	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	57315	56.975	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.940%
35) Dibromofluoromethane	7.909	113	75394	47.511	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.020%
50) Toluene-d8	10.332	98	165840	34.421	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	68.840%
62) 4-Bromofluorobenzene	12.620	95	81946	41.188	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	82.380%

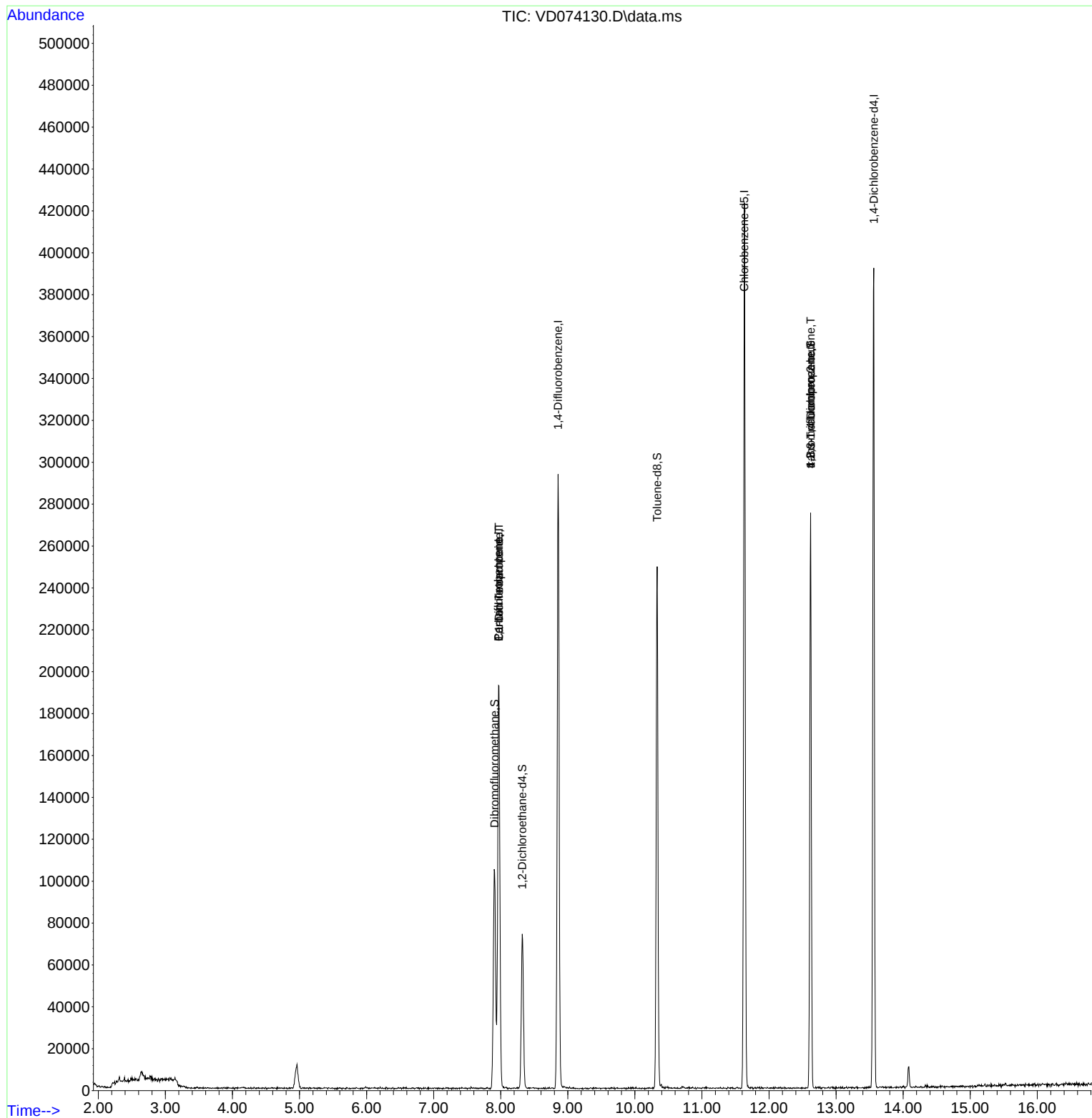
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.991	85	69	Below Cal	# 43
3) Chloromethane	2.215	50	333	Below Cal	# 94
6) Chloroethane	2.974	64	80	Below Cal	# 42
16) Acetone	4.144	43	301	Below Cal	# 47
20) Methylene Chloride	4.956	84	8870	Below Cal	# 66
31) Cyclohexane	7.973	56	3646	Below Cal	# 1
36) 1,1-Dichloropropene	7.973	75	11641	5.379 ug/l	# 51
38) Carbon Tetrachloride	7.973	117	14895	5.964 ug/l	# 18
76) 1,2,3-Trichloropropane	12.620	75	43618	47.065 ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.620	75	43618	131.259 ug/l	# 7

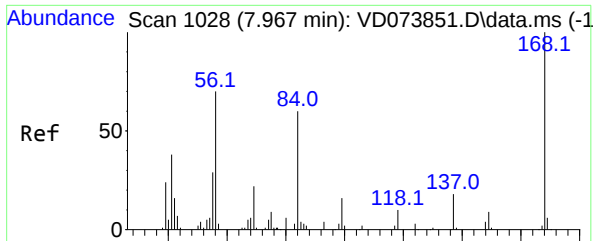
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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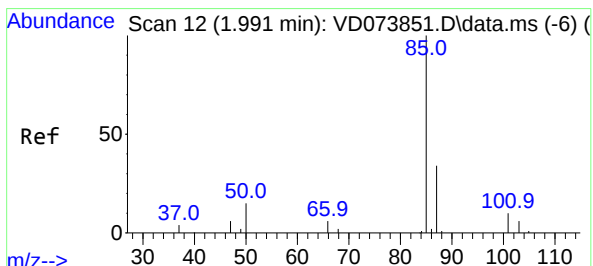
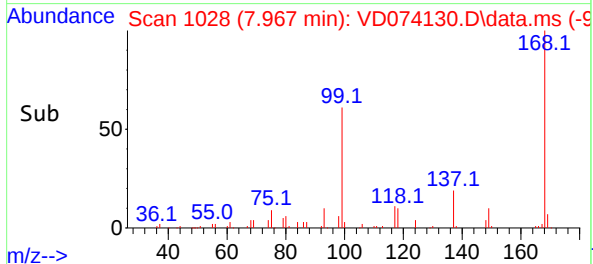
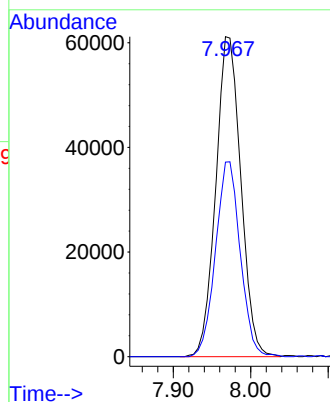
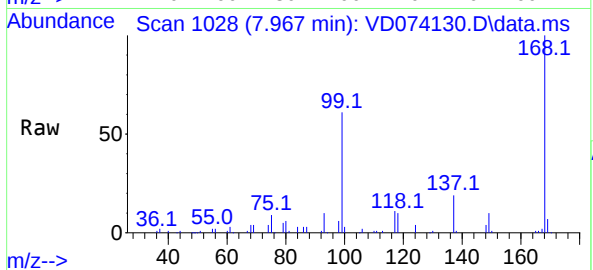




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. 0.000 min
Lab File: VD074130.D
Acq: 17 Aug 2022 18:04

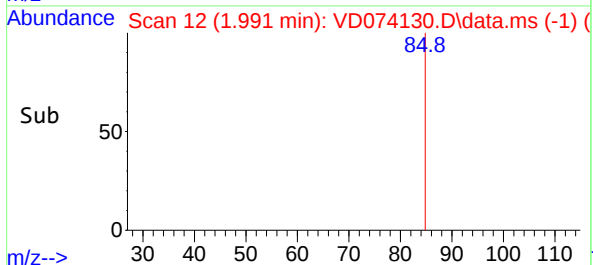
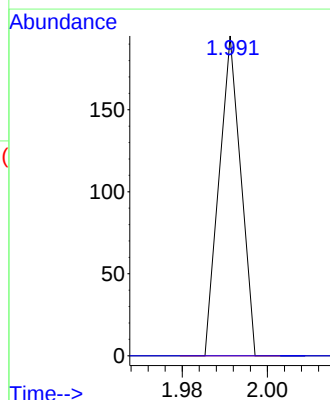
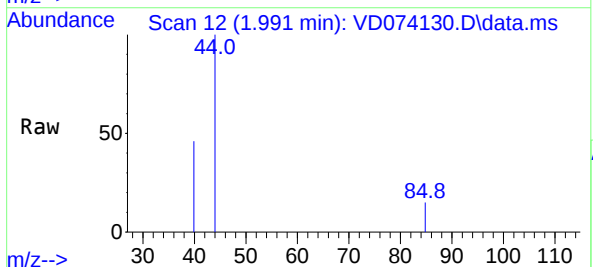
Instrument :
MSVOA_D
ClientSampleId :
S7

Tgt Ion:168 Resp: 137665
Ion Ratio Lower Upper
168 100
99 60.8 49.8 74.6

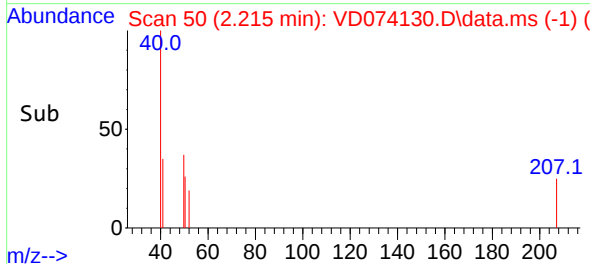
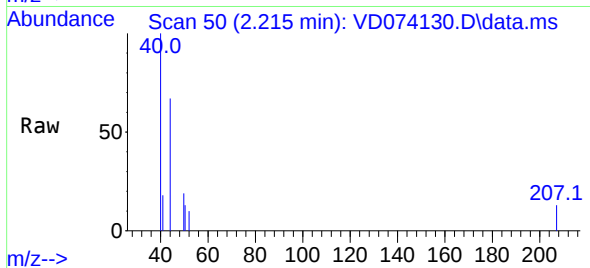
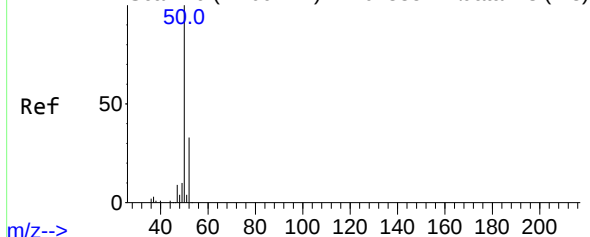


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD074130.D
Acq: 17 Aug 2022 18:04

Tgt Ion: 85 Resp: 69
Ion Ratio Lower Upper
85 100
87 0.0 15.7 47.0#



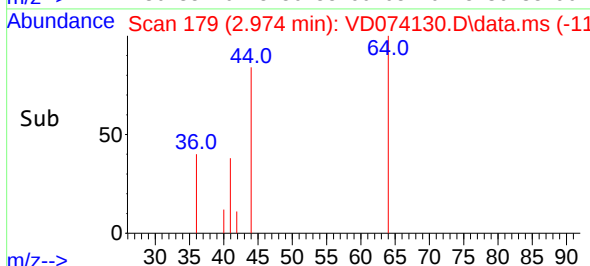
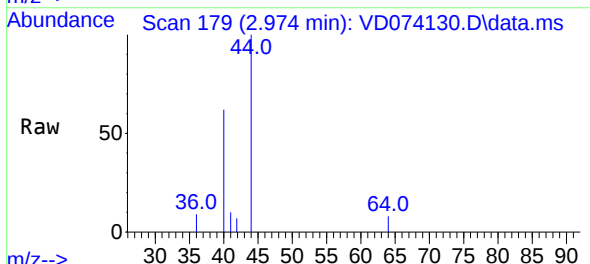
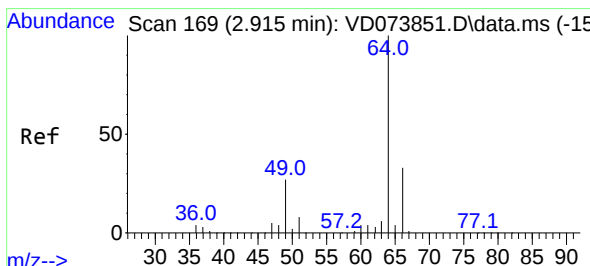
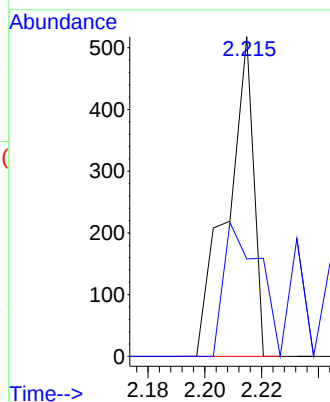
Abundance Scan 49 (2.209 min): VD073851.D\data.ms (-43)



#3
Chloromethane
Concen: Below Cal
RT: 2.215 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD074130.D
Acq: 17 Aug 2022 18:04

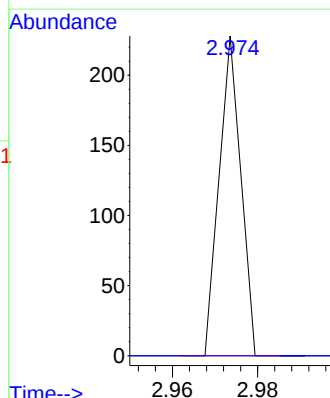
Instrument :
MSVOA_D
ClientSampleId :
S7

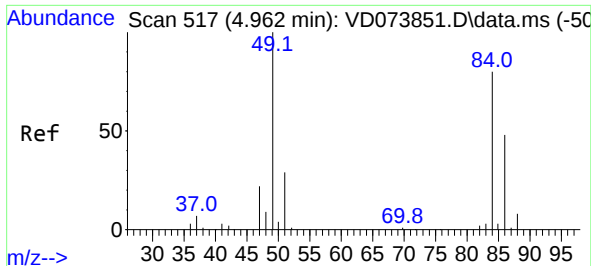
Tgt Ion: 50 Resp: 333
Ion Ratio Lower Upper
50 100
52 30.5 27.4 41.0



#6
Chloroethane
Concen: Below Cal
RT: 2.974 min Scan# 179
Delta R.T. 0.059 min
Lab File: VD074130.D
Acq: 17 Aug 2022 18:04

Tgt Ion: 64 Resp: 80
Ion Ratio Lower Upper
64 100
66 0.0 25.9 38.9#



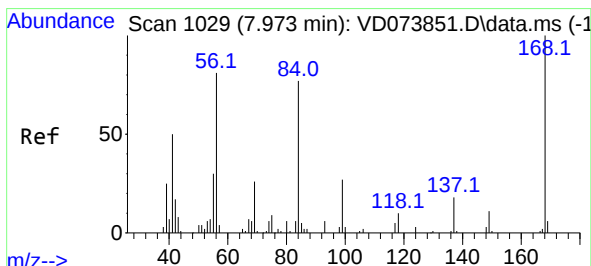
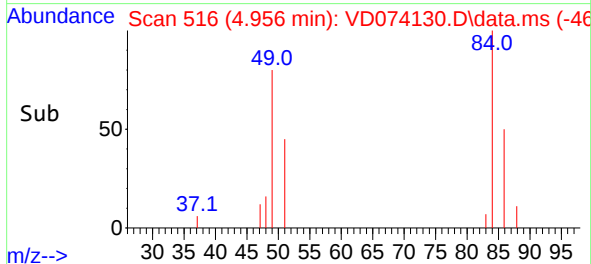
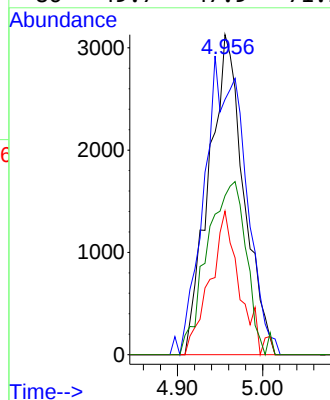
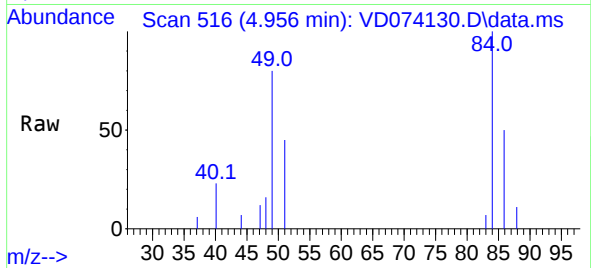


#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 517
Delta R.T. -0.006 min
Lab File: VD074130.D
Acq: 17 Aug 2022 18:04

Instrument :
MSVOA_D
ClientSampleId :
S7

Tgt Ion: 84 Resp: 8870

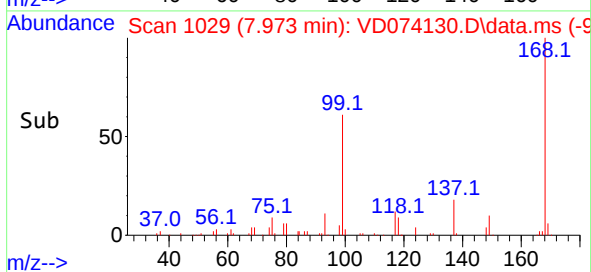
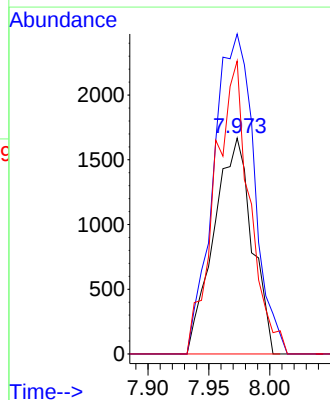
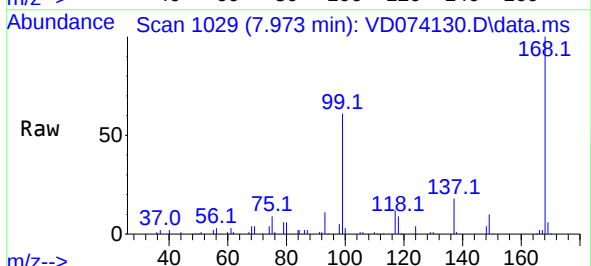
Ion	Ratio	Lower	Upper
84	100		
49	79.8	112.8	169.2#
51	44.9	32.6	48.8
86	49.7	47.9	71.9

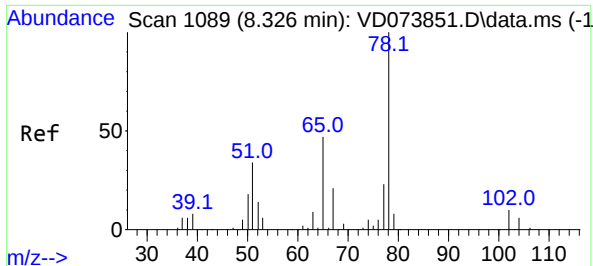


#31
Cyclohexane
Concen: Below Cal
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD074130.D
Acq: 17 Aug 2022 18:04

Tgt Ion: 56 Resp: 3646

Ion	Ratio	Lower	Upper
56	100		
69	148.3	25.4	38.2#
84	135.8	63.0	94.4#

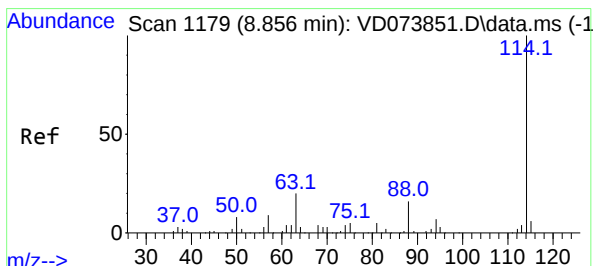
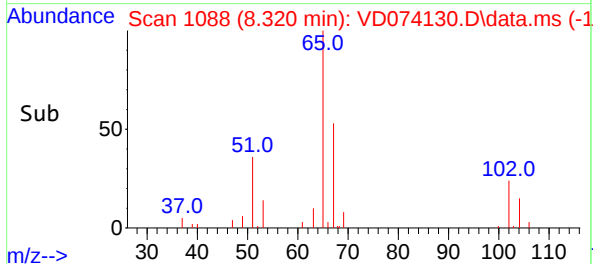
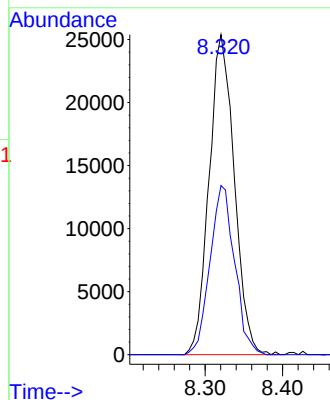
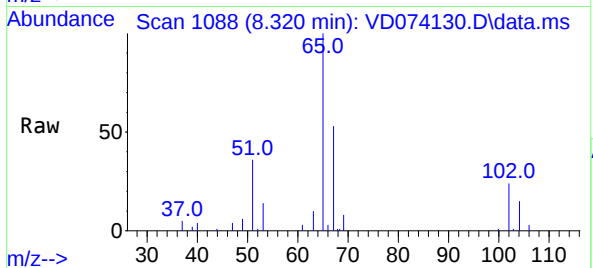




#33
1,2-Dichloroethane-d4
Concen: 56.975 ug/l
RT: 8.320 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD074130.D
Acq: 17 Aug 2022 18:04

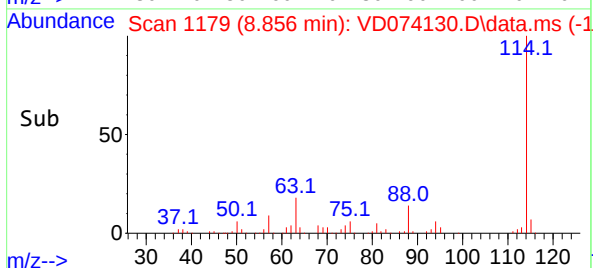
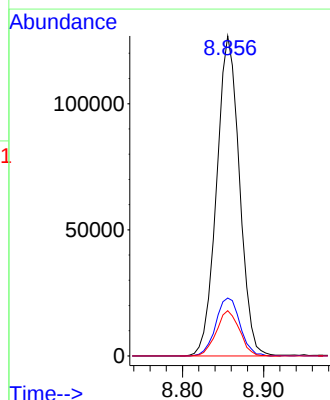
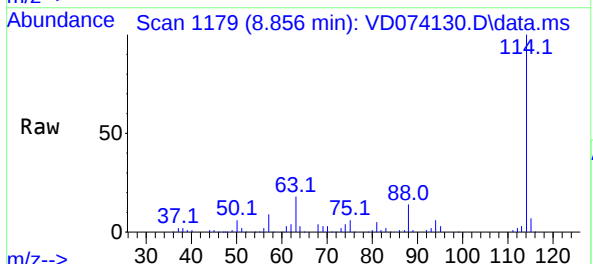
Instrument :
MSVOA_D
ClientSampleId :
S7

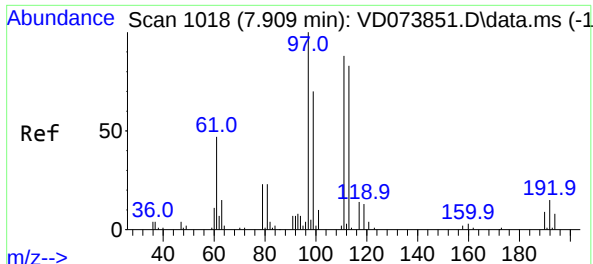
Tgt Ion: 65 Resp: 57315
Ion Ratio Lower Upper
65 100
67 51.7 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.856 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VD074130.D
Acq: 17 Aug 2022 18:04

Tgt Ion: 114 Resp: 248328
Ion Ratio Lower Upper
114 100
63 18.1 0.0 46.6
88 14.1 0.0 33.2

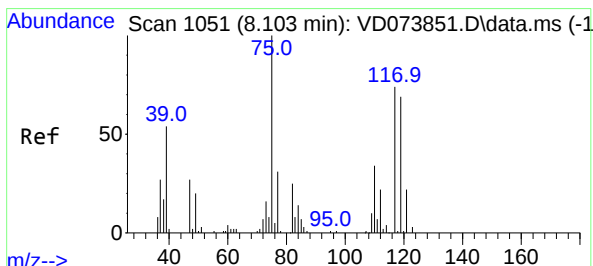
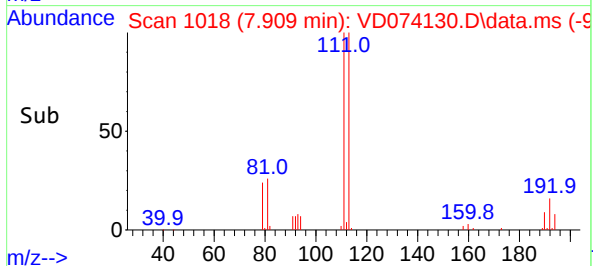
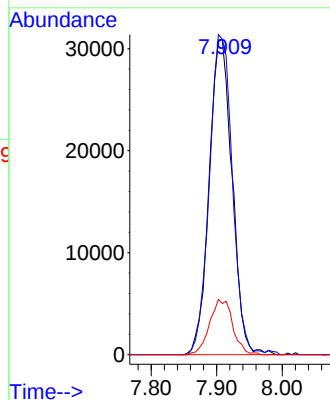
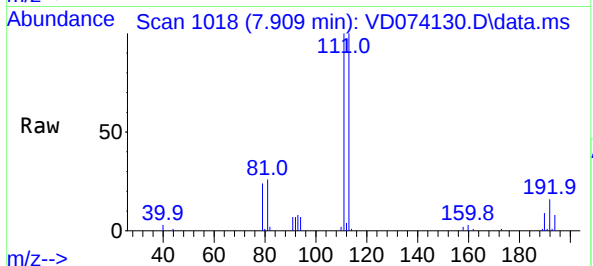




#35
Dibromofluoromethane
Concen: 47.511 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD074130.D
Acq: 17 Aug 2022 18:04

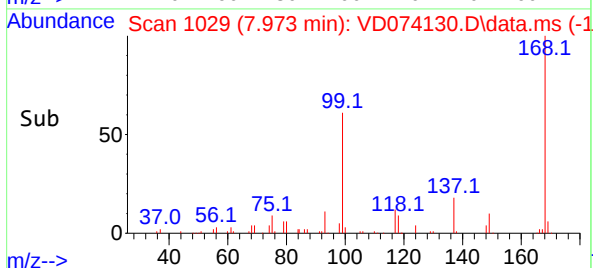
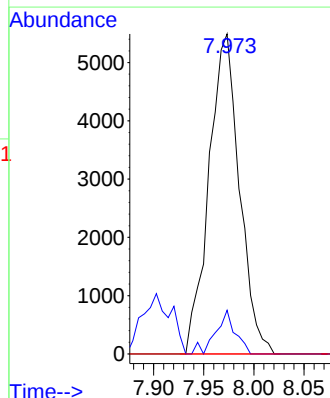
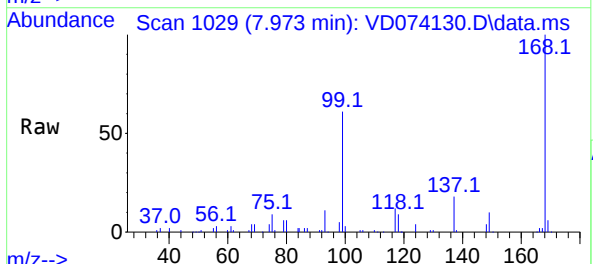
Instrument :
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ClientSampleId :
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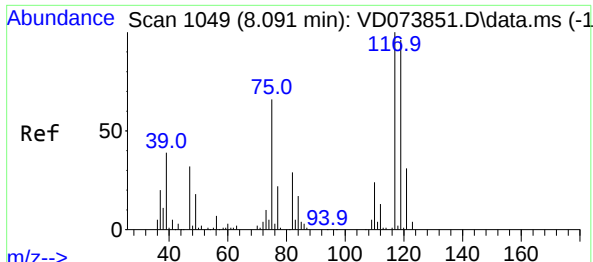
Tgt Ion:	113	Resp:	75394
Ion	Ratio	Lower	Upper
113	100		
111	101.1	83.8	125.6
192	17.6	14.6	21.8



#36
1,1-Dichloropropene
Concen: 5.379 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.130 min
Lab File: VD074130.D
Acq: 17 Aug 2022 18:04

Tgt Ion:	75	Resp:	11641
Ion	Ratio	Lower	Upper
75	100		
110	8.8	16.4	49.1#
77	0.0	24.2	36.2#

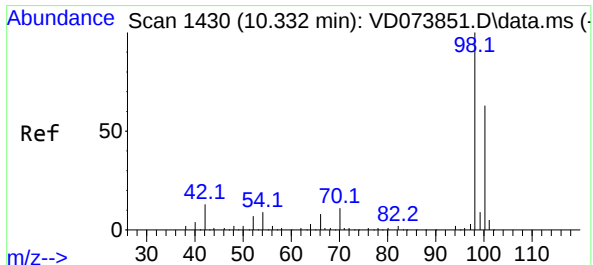
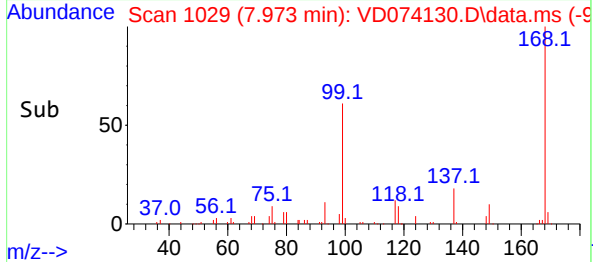
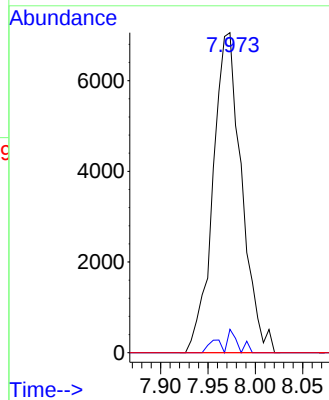
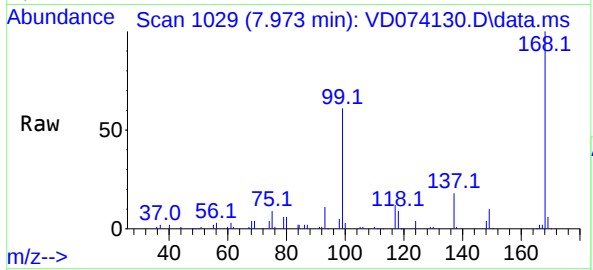




#38
Carbon Tetrachloride
Concen: 5.964 ug/l
RT: 7.973 min Scan# 1049
Delta R.T. -0.118 min
Lab File: VD074130.D
Acq: 17 Aug 2022 18:04

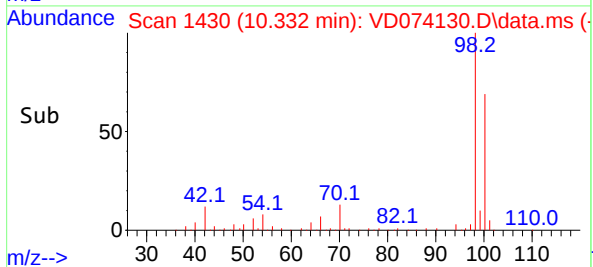
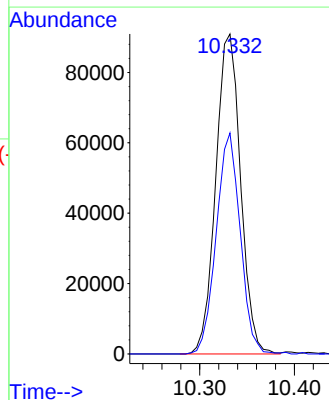
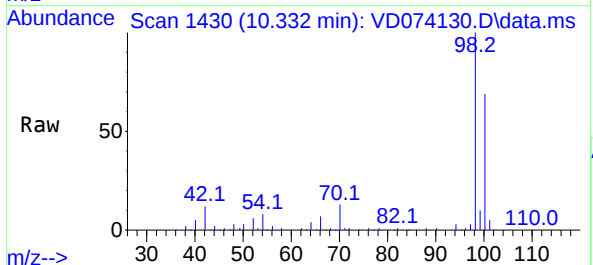
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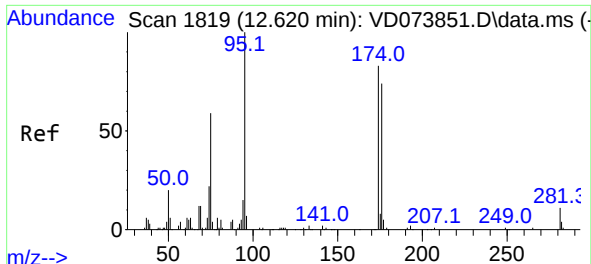
Tgt Ion:117 Resp: 14895
Ion Ratio Lower Upper
117 100
119 7.3 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 34.421 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD074130.D
Acq: 17 Aug 2022 18:04

Tgt Ion: 98 Resp: 165840
Ion Ratio Lower Upper
98 100
100 66.8 52.4 78.6

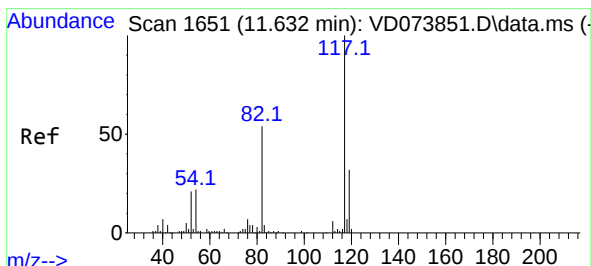
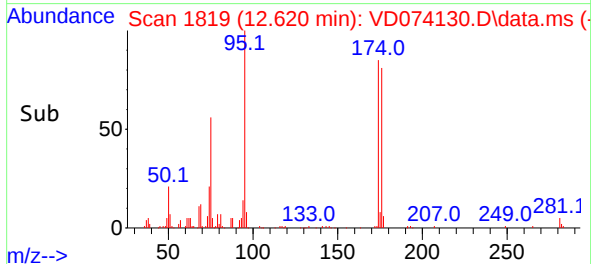
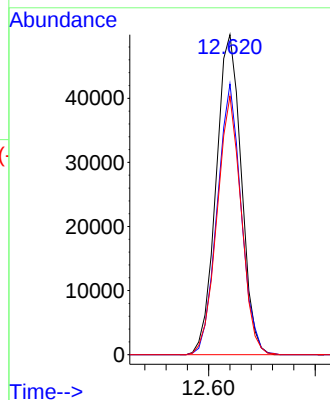
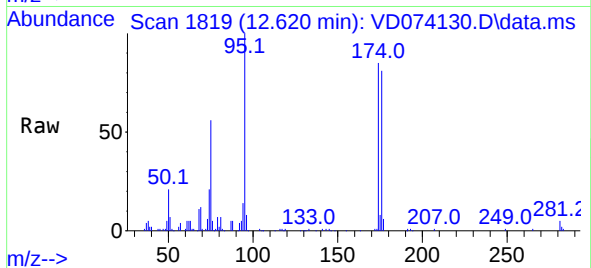




#62
4-Bromofluorobenzene
Concen: 41.188 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD074130.D
Acq: 17 Aug 2022 18:04

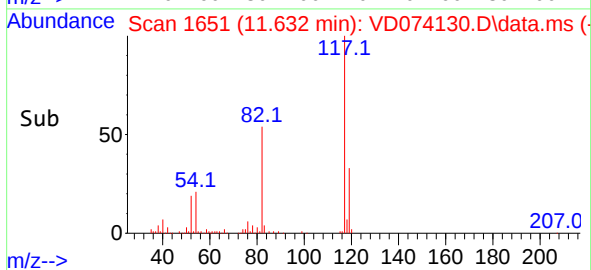
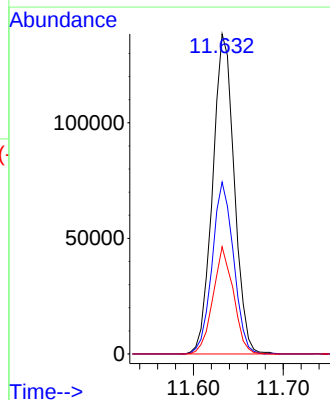
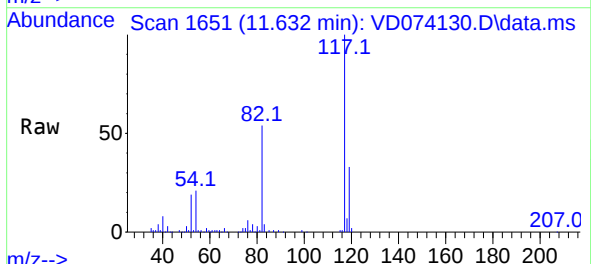
Instrument :
MSVOA_D
ClientSampleId :
S7

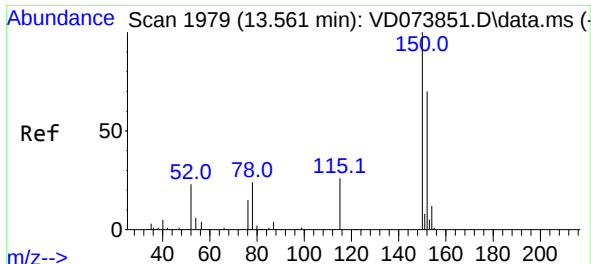
Tgt Ion:	95	Resp:	81946
Ion	Ratio	Lower	Upper
95	100		
174	80.4	0.0	152.8
176	77.4	0.0	145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD074130.D
Acq: 17 Aug 2022 18:04

Tgt Ion:	117	Resp:	231588
Ion	Ratio	Lower	Upper
117	100		
82	53.7	45.3	67.9
119	33.5	26.6	40.0

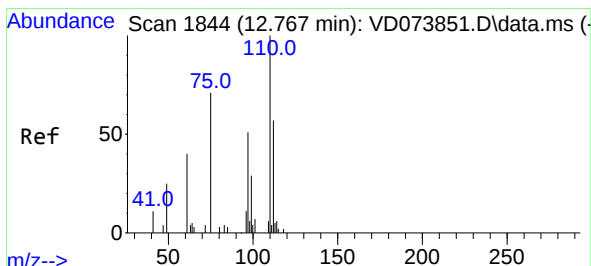
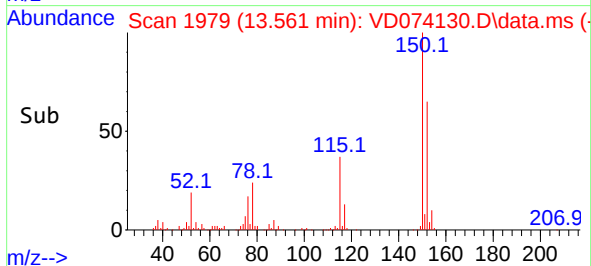
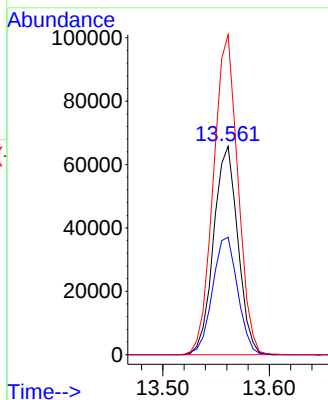
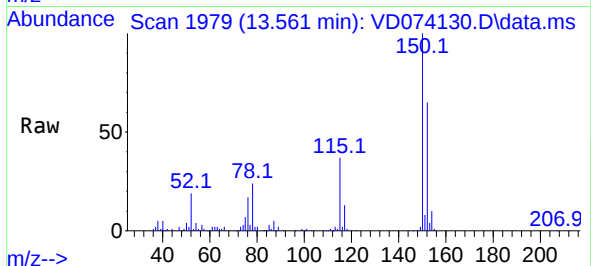




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD074130.D
Acq: 17 Aug 2022 18:04

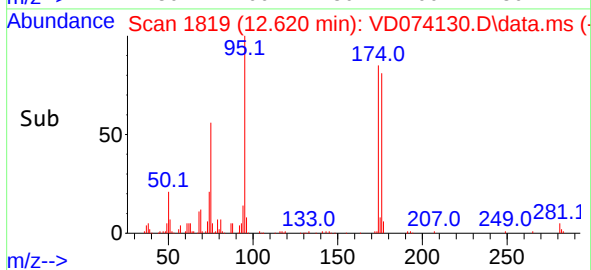
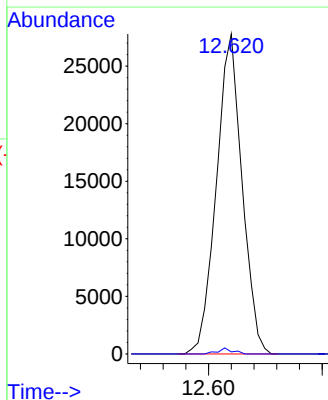
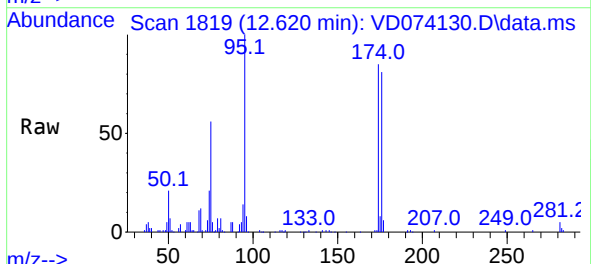
Instrument :
MSVOA_D
ClientSampleId :
S7

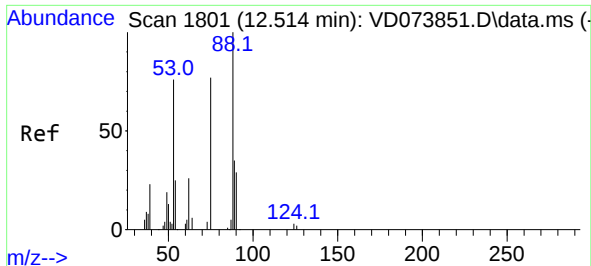
Tgt Ion:152 Resp: 104004
Ion Ratio Lower Upper
152 100
115 58.7 31.3 93.8
150 155.2 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 47.065 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD074130.D
Acq: 17 Aug 2022 18:04

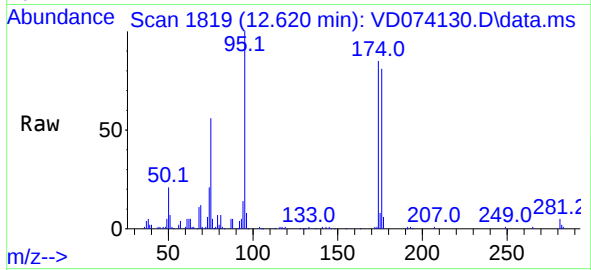
Tgt Ion: 75 Resp: 43618
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 131.259 ug/l
RT: 12.620 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD074130.D
Acq: 17 Aug 2022 18:04

Instrument :
MSVOA_D
ClientSampleId :
S7



Tgt Ion: 75 Resp: 43618
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.0 33.9 50.9#

