

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081722\
 Data File : VD074133.D
 Acq On : 17 Aug 2022 19:30
 Operator : VA/SY
 Sample : N4215-03
 Misc : 6.50G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-2

Quant Time: Aug 18 03:23:30 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	128910	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	234513	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	222452	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	101129	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	57578	61.773	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.540%
35) Dibromofluoromethane	7.903	113	71937	48.003	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.000%
50) Toluene-d8	10.332	98	161235	35.437	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	70.880%
62) 4-Bromofluorobenzene	12.620	95	79544	42.336	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	84.680%

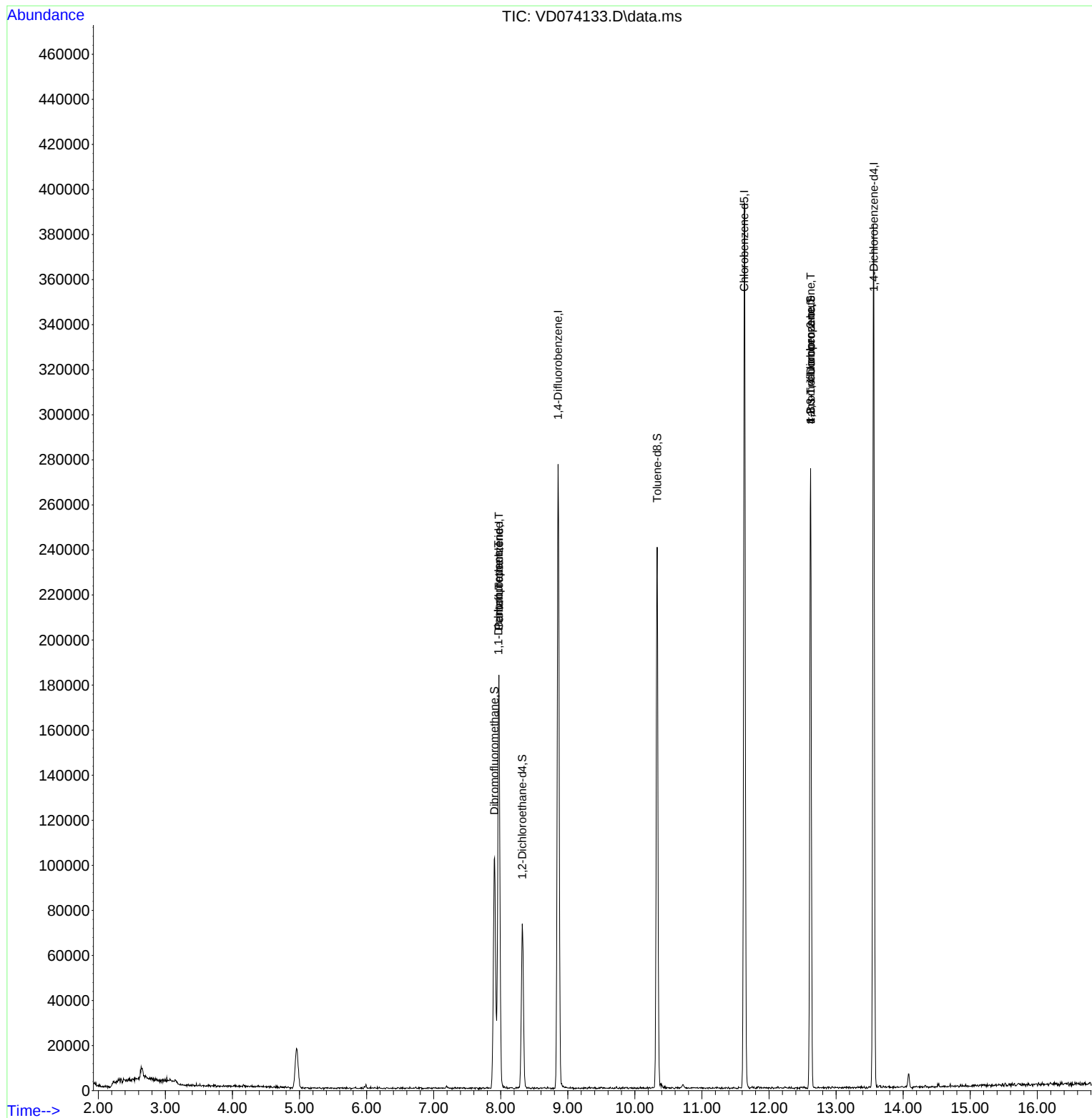
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.203	50	255	Below Cal	#	40
6) Chloroethane	2.679	64	60	Below Cal	#	42
16) Acetone	4.167	43	1096	Below Cal	#	47
17) Carbon Disulfide	4.403	76	115	Below Cal	#	74
20) Methylene Chloride	4.950	84	13552	Below Cal	#	77
31) Cyclohexane	7.961	56	3126	Below Cal	#	47
36) 1,1-Dichloropropene	7.967	75	10618	5.195	ug/l #	52
38) Carbon Tetrachloride	7.973	117	13767	5.837	ug/l #	19
76) 1,2,3-Trichloropropane	12.620	75	43604	48.388	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	43604	134.947	ug/l #	7

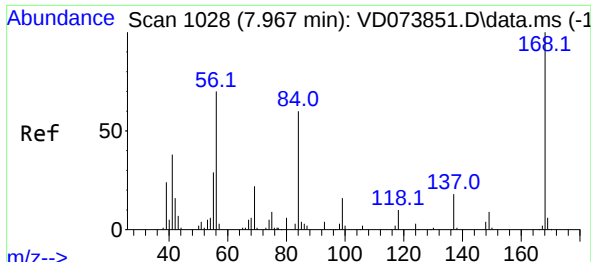
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081722\
Data File : VD074133.D
Acq On : 17 Aug 2022 19:30
Operator : VA/SY
Sample : N4215-03
Misc : 6.50G/5.00ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-2

Quant Time: Aug 18 03:23:30 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

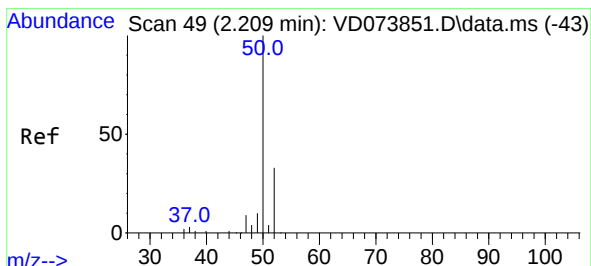
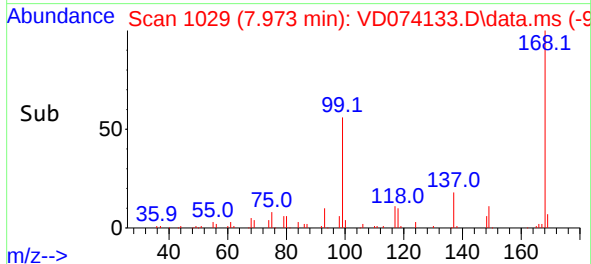
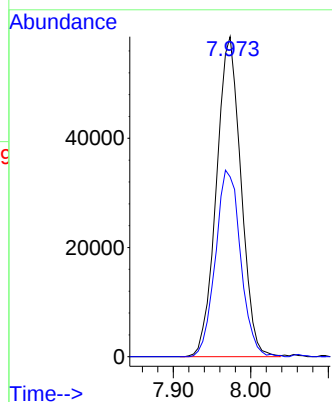
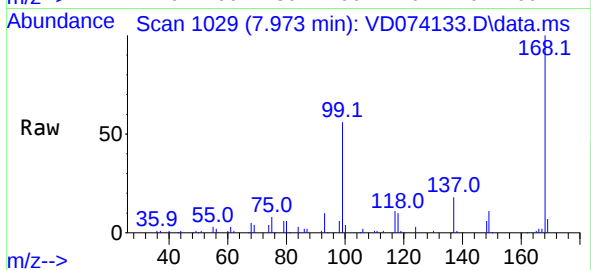




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD074133.D
Acq: 17 Aug 2022 19:30

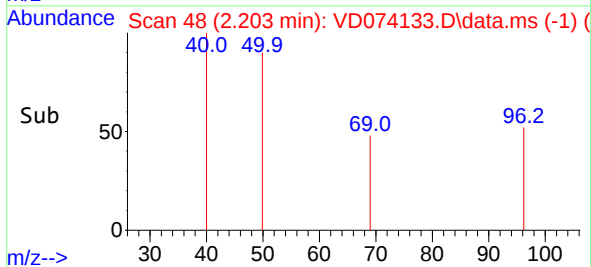
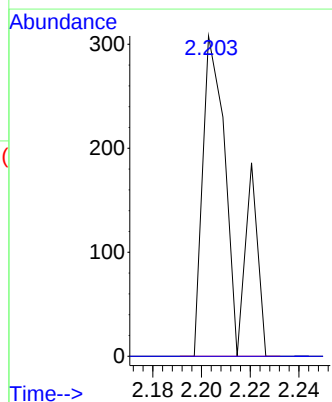
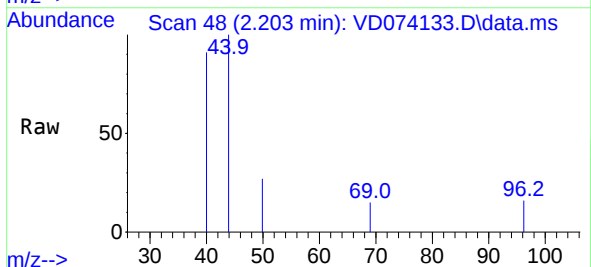
Instrument :
MSVOA_D
ClientSampleId :
WC-2

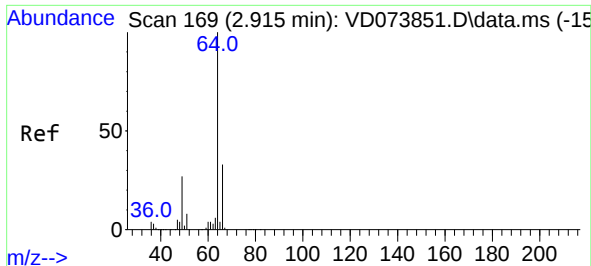
Tgt Ion:168 Resp: 128910
Ion Ratio Lower Upper
168 100
99 56.2 49.8 74.6



#3
Chloromethane
Concen: Below Cal
RT: 2.203 min Scan# 48
Delta R.T. -0.006 min
Lab File: VD074133.D
Acq: 17 Aug 2022 19:30

Tgt Ion: 50 Resp: 255
Ion Ratio Lower Upper
50 100
52 0.0 27.4 41.0#

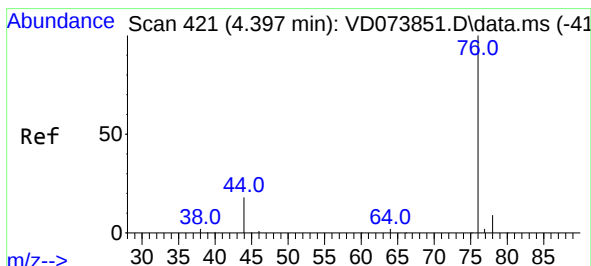
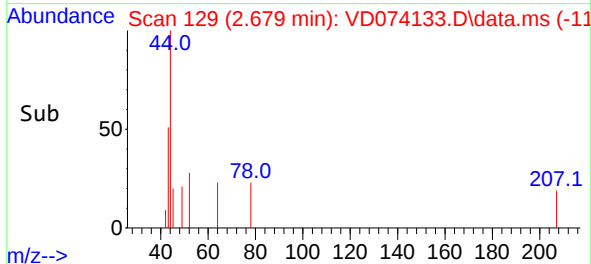
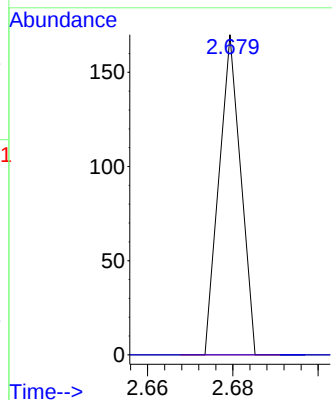
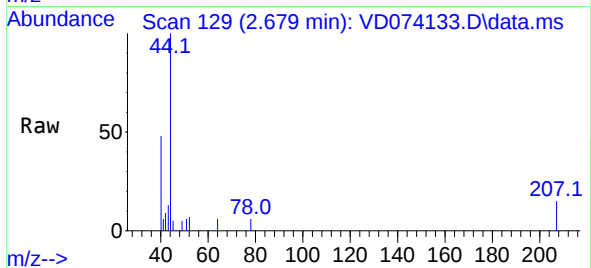




#6
Chloroethane
Concen: Below Cal
RT: 2.679 min Scan# 11
Delta R.T. -0.236 min
Lab File: VD074133.D
Acq: 17 Aug 2022 19:30

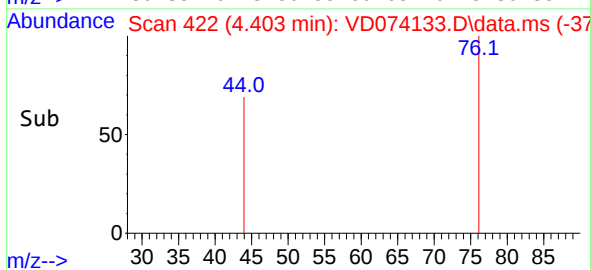
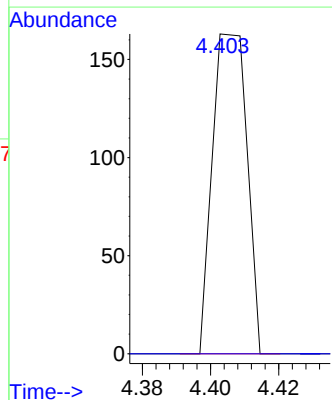
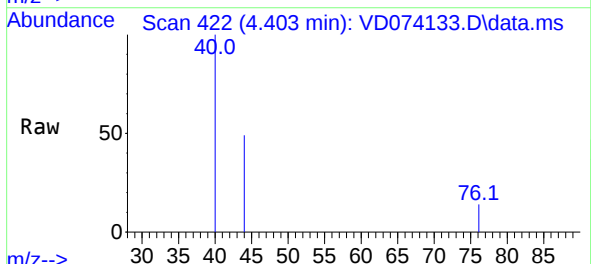
Instrument :
MSVOA_D
ClientSampleId :
WC-2

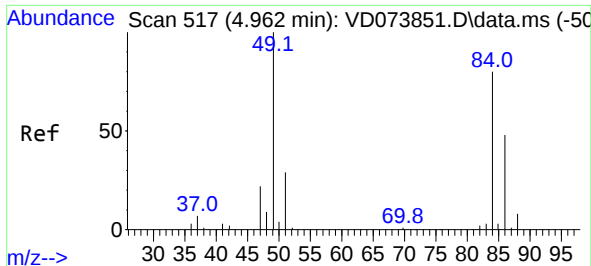
Tgt Ion: 64 Resp: 60
Ion Ratio Lower Upper
64 100
66 0.0 25.9 38.9#



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.403 min Scan# 422
Delta R.T. 0.006 min
Lab File: VD074133.D
Acq: 17 Aug 2022 19:30

Tgt Ion: 76 Resp: 115
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



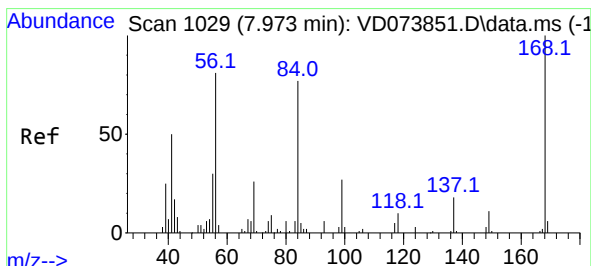
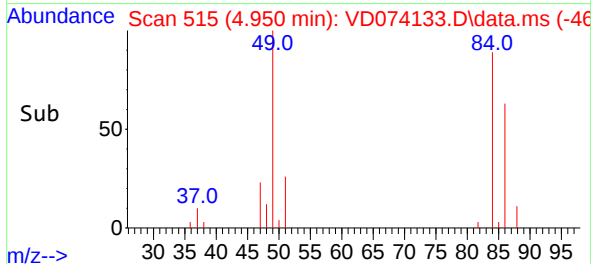
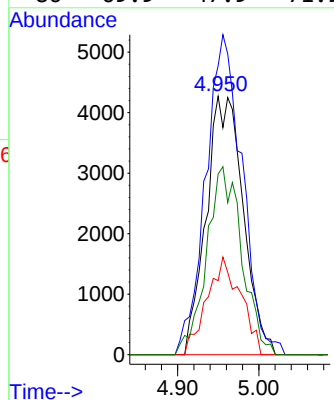
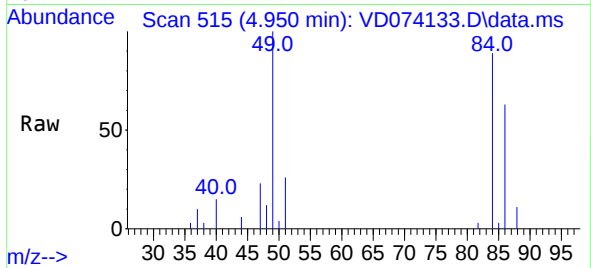


#20
Methylene Chloride
Concen: Below Cal
RT: 4.950 min Scan# 51
Delta R.T. -0.012 min
Lab File: VD074133.D
Acq: 17 Aug 2022 19:30

Instrument :
MSVOA_D
ClientSampleId :
WC-2

Tgt Ion: 84 Resp: 13552

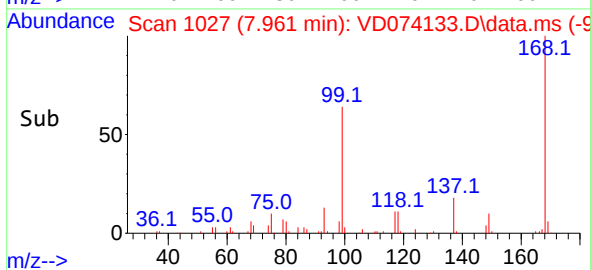
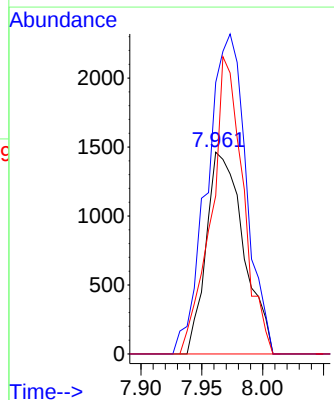
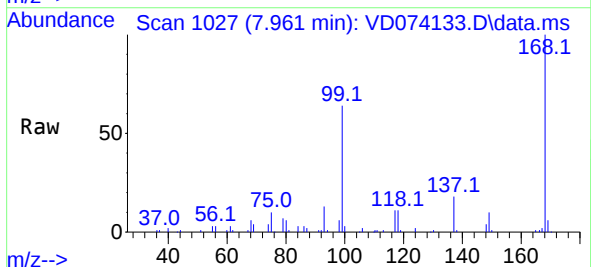
Ion	Ratio	Lower	Upper
84	100		
49	107.3	112.8	169.2#
51	28.6	32.6	48.8#
86	69.9	47.9	71.9

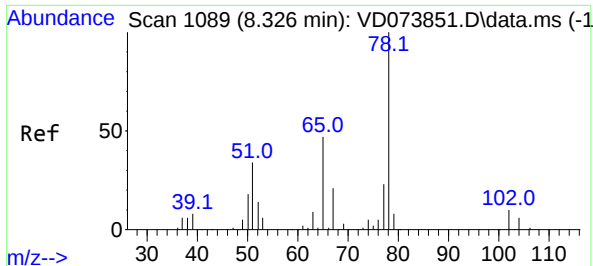


#31
Cyclohexane
Concen: Below Cal
RT: 7.961 min Scan# 1027
Delta R.T. -0.012 min
Lab File: VD074133.D
Acq: 17 Aug 2022 19:30

Tgt Ion: 56 Resp: 3126

Ion	Ratio	Lower	Upper
56	100		
69	134.5	25.4	38.2#
84	78.4	63.0	94.4





#33

1,2-Dichloroethane-d4

Concen: 61.773 ug/l

RT: 8.320 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD074133.D

Acq: 17 Aug 2022 19:30

Instrument :

MSVOA_D

ClientSampleId :

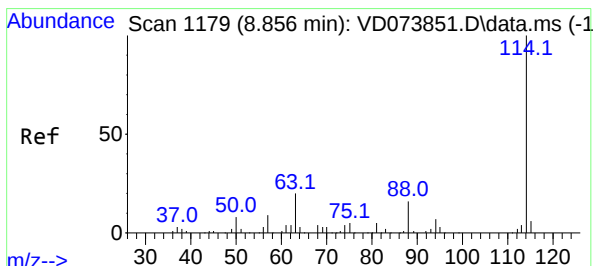
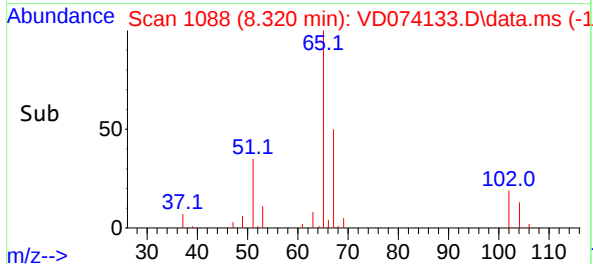
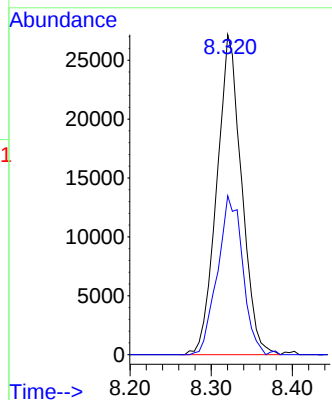
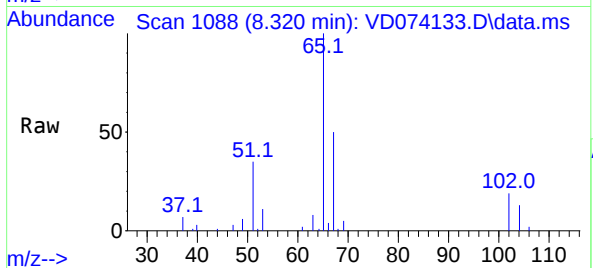
WC-2

Tgt Ion: 65 Resp: 57578

Ion Ratio Lower Upper

65 100

67 50.6 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VD074133.D

Acq: 17 Aug 2022 19:30

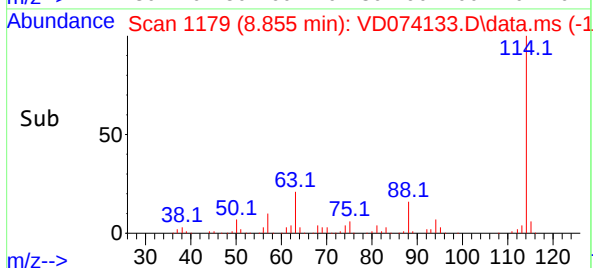
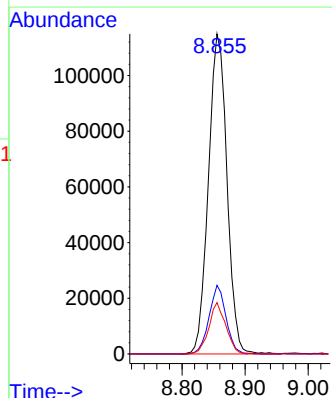
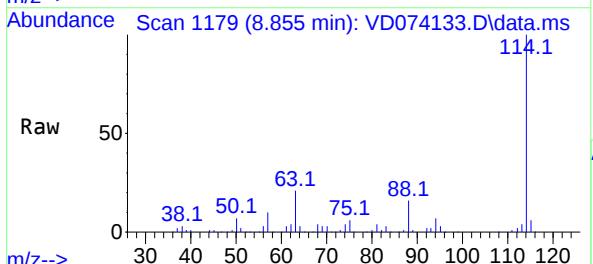
Tgt Ion: 114 Resp: 234513

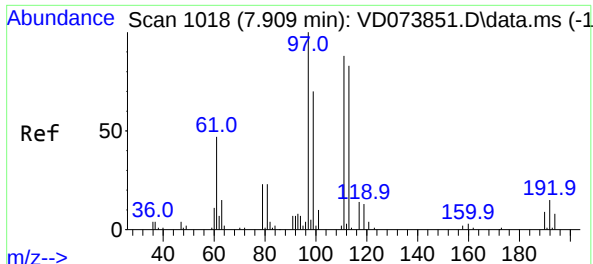
Ion Ratio Lower Upper

114 100

63 21.5 0.0 46.6

88 16.0 0.0 33.2





#35

Dibromofluoromethane

Concen: 48.003 ug/l

RT: 7.903 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD074133.D

Acq: 17 Aug 2022 19:30

Instrument :

MSVOA_D

ClientSampleId :

WC-2

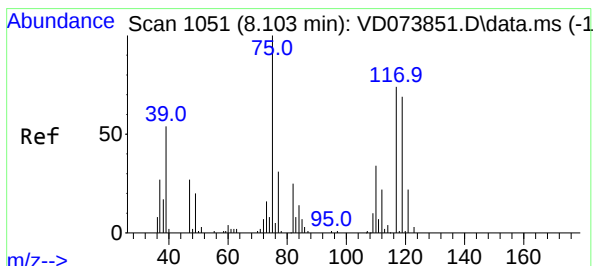
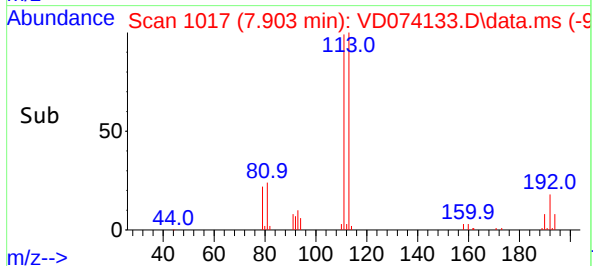
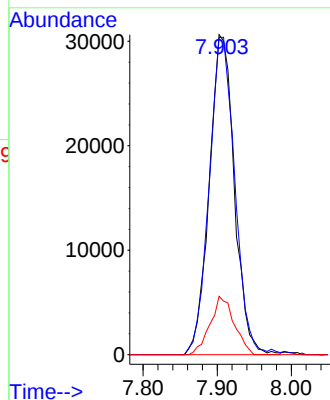
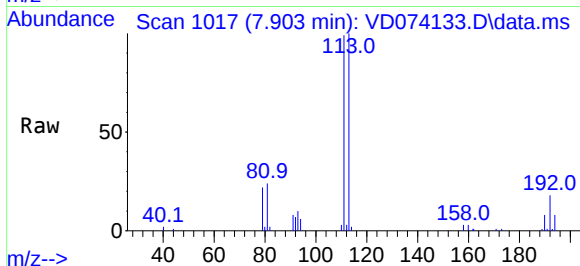
Tgt Ion:113 Resp: 71937

Ion Ratio Lower Upper

113 100

111 101.9 83.8 125.6

192 17.5 14.6 21.8



#36

1,1-Dichloropropene

Concen: 5.195 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.136 min

Lab File: VD074133.D

Acq: 17 Aug 2022 19:30

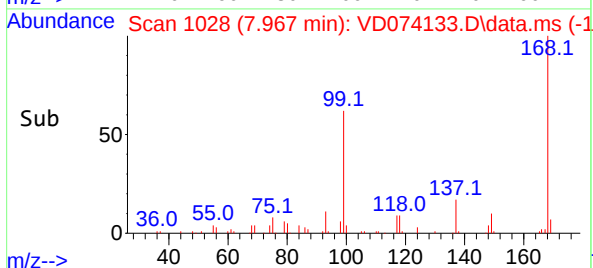
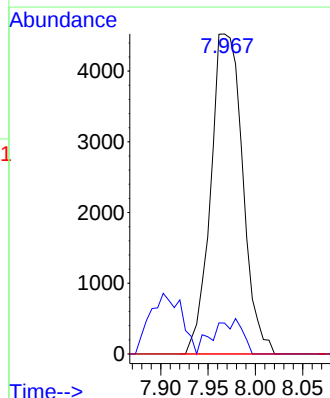
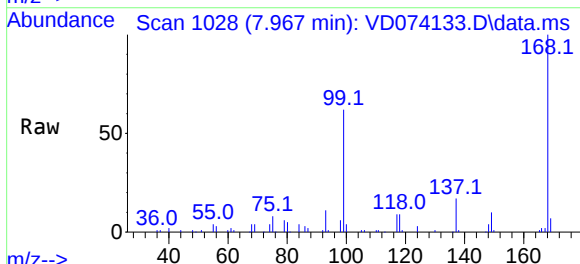
Tgt Ion: 75 Resp: 10618

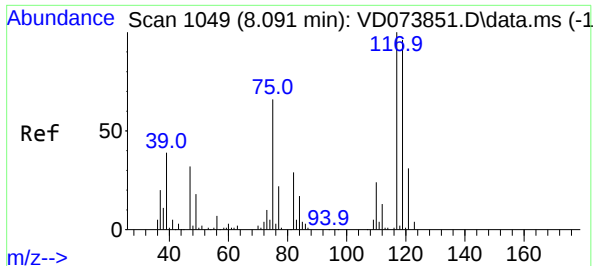
Ion Ratio Lower Upper

75 100

110 10.0 16.4 49.1#

77 0.0 24.2 36.2#

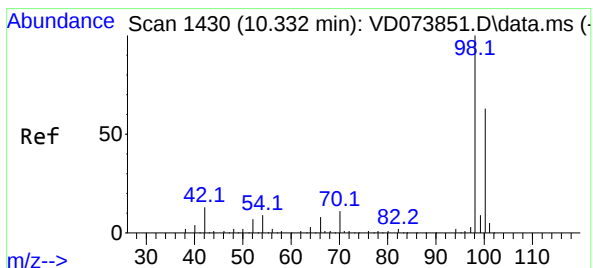
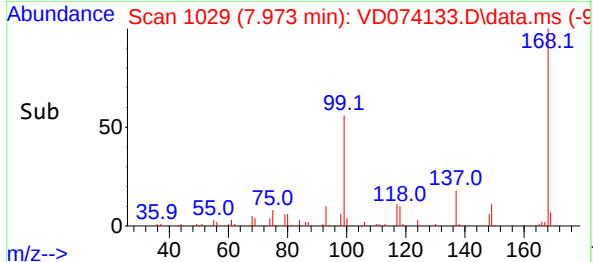
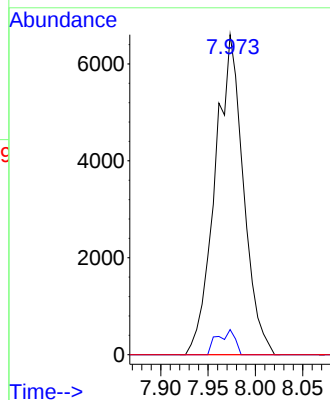
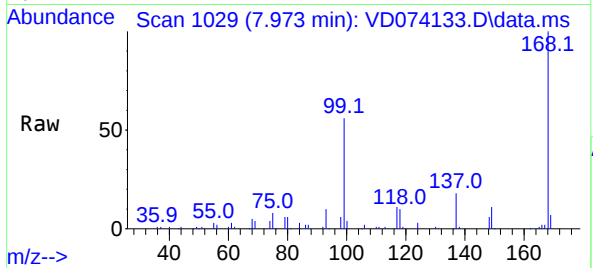




#38
Carbon Tetrachloride
Concen: 5.837 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD074133.D
Acq: 17 Aug 2022 19:30

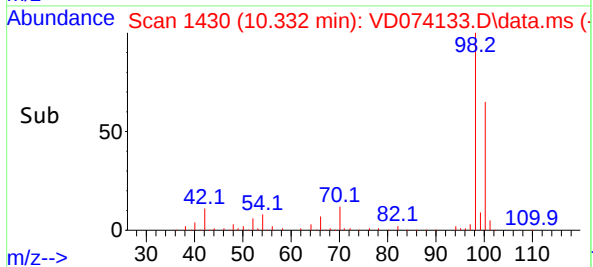
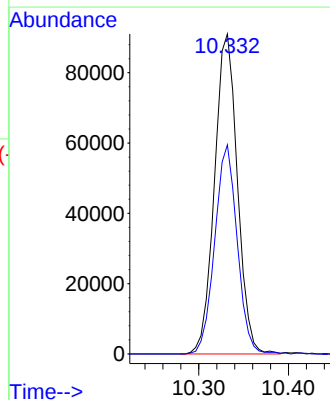
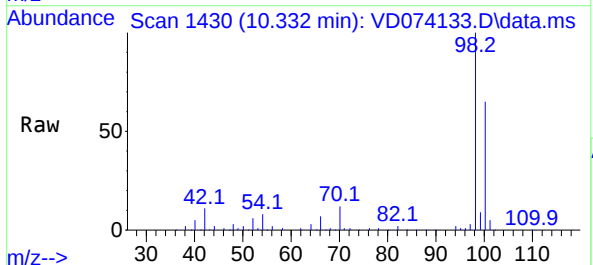
Instrument :
MSVOA_D
ClientSampleId :
WC-2

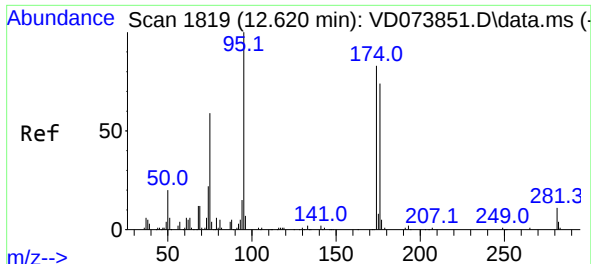
Tgt Ion:117 Resp: 13767
Ion Ratio Lower Upper
117 100
119 7.9 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 35.437 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD074133.D
Acq: 17 Aug 2022 19:30

Tgt Ion: 98 Resp: 161235
Ion Ratio Lower Upper
98 100
100 64.0 52.4 78.6

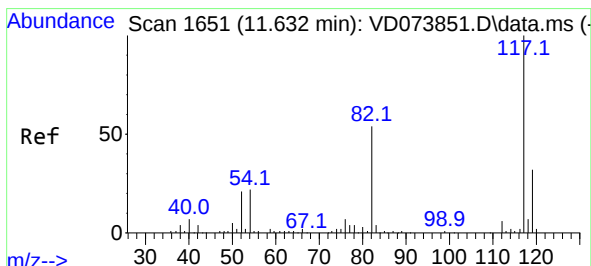
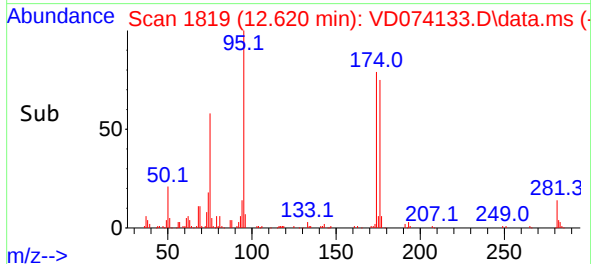
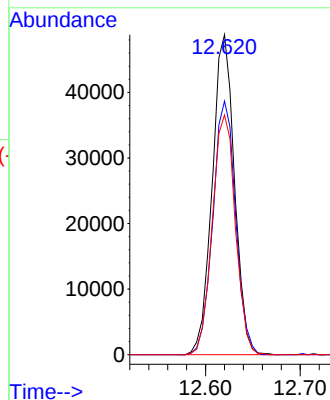
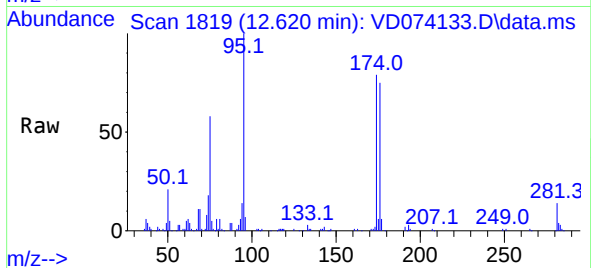




#62
4-Bromofluorobenzene
Concen: 42.336 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD074133.D
Acq: 17 Aug 2022 19:30

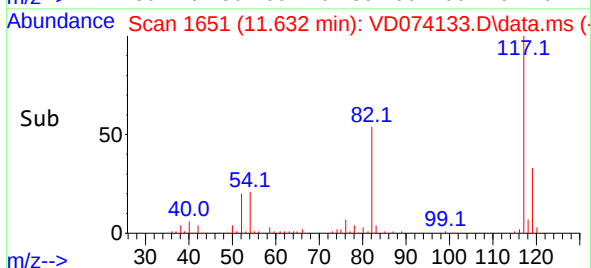
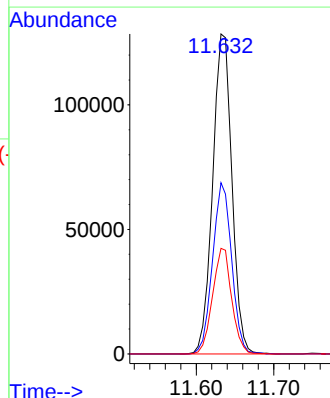
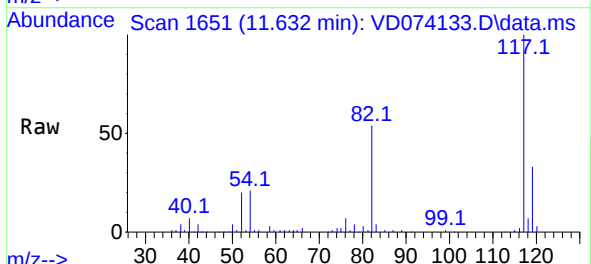
Instrument :
MSVOA_D
ClientSampleId :
WC-2

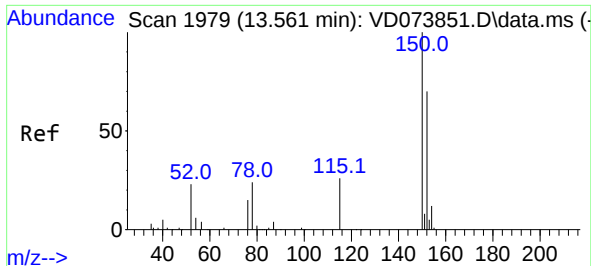
Tgt Ion:	95	Resp:	79544
Ion	Ratio	Lower	Upper
95	100		
174	81.0	0.0	152.8
176	77.6	0.0	145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD074133.D
Acq: 17 Aug 2022 19:30

Tgt Ion:	117	Resp:	222452
Ion	Ratio	Lower	Upper
117	100		
82	53.5	45.3	67.9
119	33.0	26.6	40.0

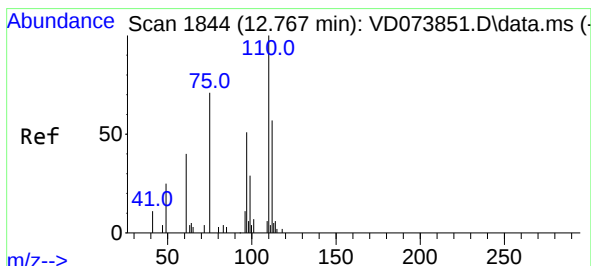
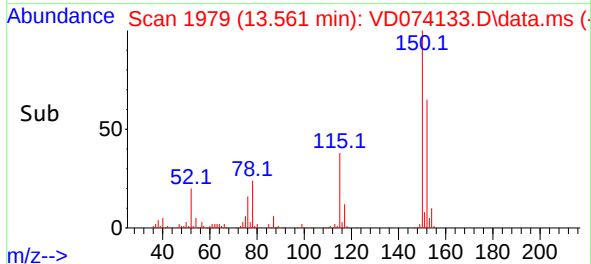
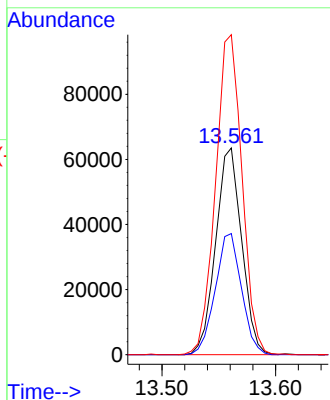
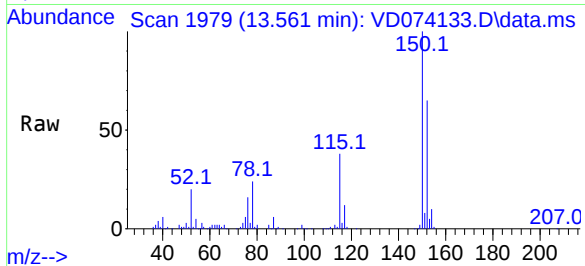




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD074133.D
Acq: 17 Aug 2022 19:30

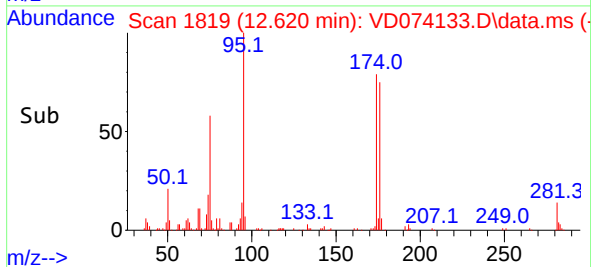
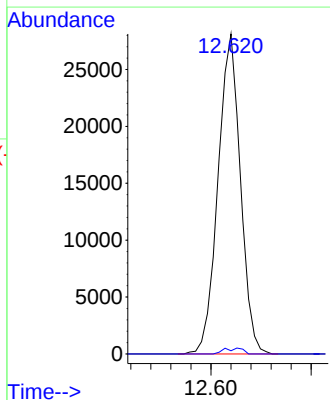
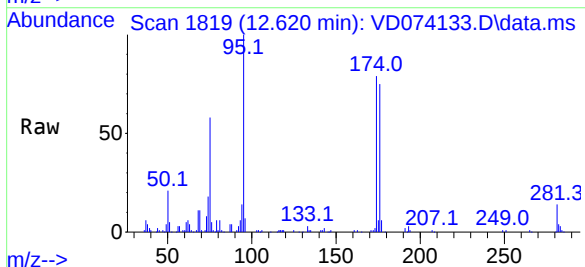
Instrument :
MSVOA_D
ClientSampleId :
WC-2

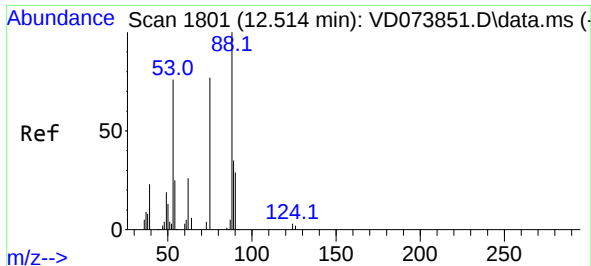
Tgt Ion:152 Resp: 101129
Ion Ratio Lower Upper
152 100
115 59.0 31.3 93.8
150 157.7 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 48.388 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD074133.D
Acq: 17 Aug 2022 19:30

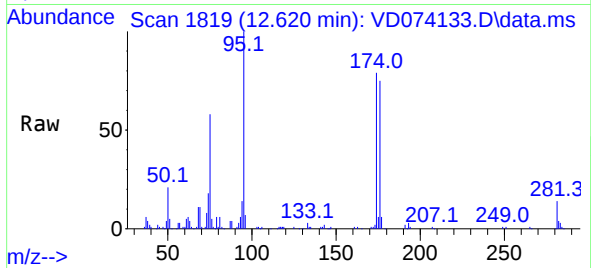
Tgt Ion: 75 Resp: 43604
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 134.947 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. 0.106 min
 Lab File: VD074133.D
 Acq: 17 Aug 2022 19:30

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-2



Tgt Ion: 75 Resp: 43604
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.5 129.7#
 89 0.2 33.9 50.9#

