

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081722\
 Data File : VD074131.D
 Acq On : 17 Aug 2022 18:32
 Operator : VA/SY
 Sample : N4188-10
 Misc : 14.61G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S15

Quant Time: Aug 18 03:22:53 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	131092	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	235769	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	224559	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	94383	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	57818	60.886	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.780%
35) Dibromofluoromethane	7.909	113	70801	46.994	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.980%
50) Toluene-d8	10.332	98	156797	34.278	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	68.560%
62) 4-Bromofluorobenzene	12.620	95	74234	39.299	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	78.600%

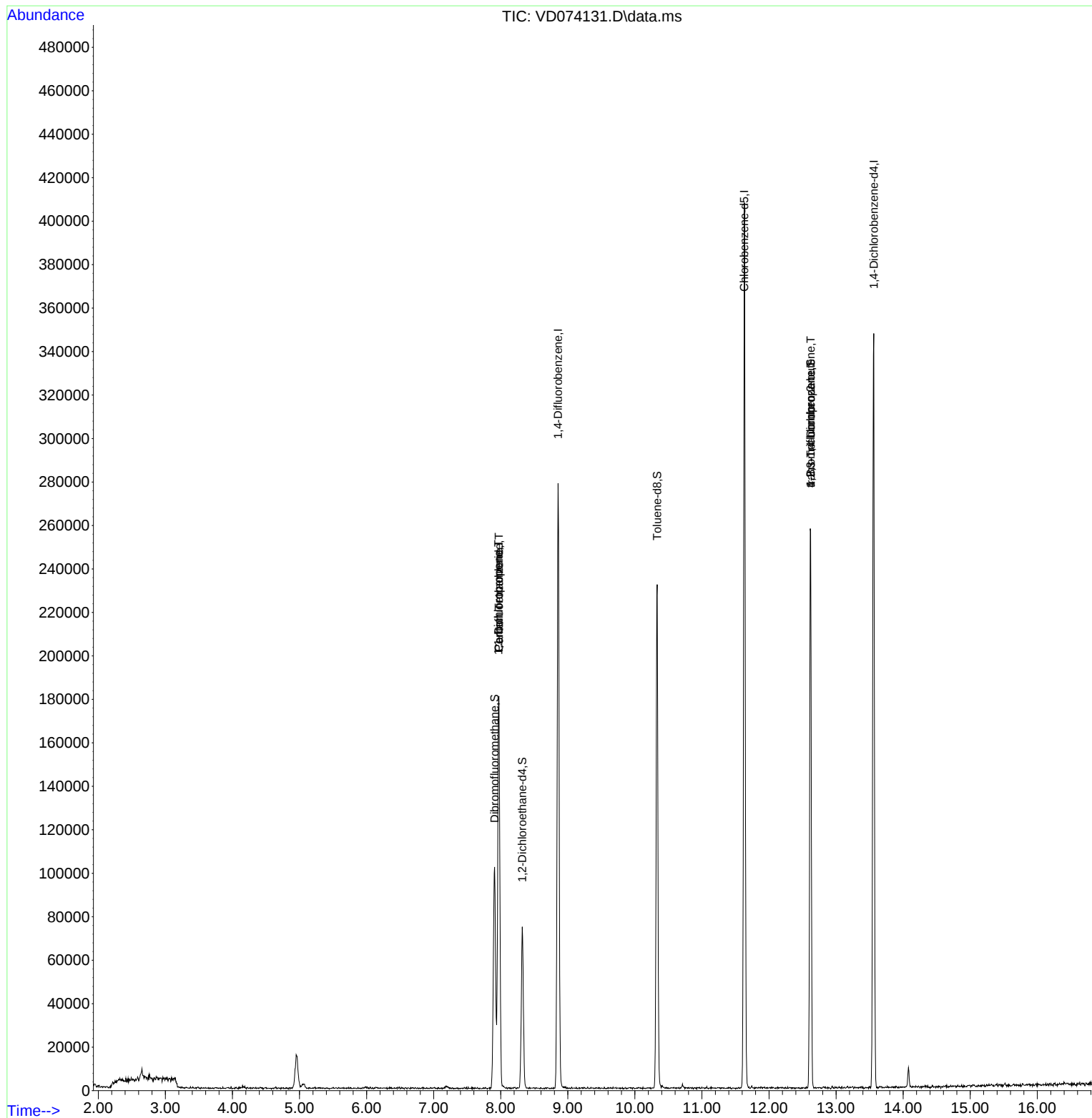
Target Compounds					Qvalue
3) Chloromethane	2.209	50	365	Below Cal	# 57
6) Chloroethane	2.685	64	67	Below Cal	# 42
11) Tert butyl alcohol	5.215	59	142	Below Cal	# 74
16) Acetone	4.150	43	929	Below Cal	# 57
20) Methylene Chloride	4.956	84	11458	Below Cal	# 82
31) Cyclohexane	7.973	56	3368	Below Cal	# 35
36) 1,1-Dichloropropene	7.967	75	11343	5.521 ug/l	# 52
38) Carbon Tetrachloride	7.973	117	14063	5.931 ug/l	# 16
76) 1,2,3-Trichloropropane	12.620	75	41090	48.857 ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.620	75	41090	136.256 ug/l	# 7

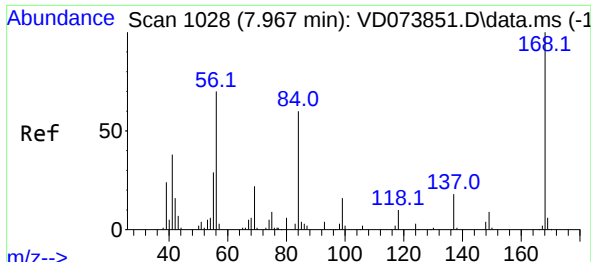
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081722\
Data File : VD074131.D
Acq On : 17 Aug 2022 18:32
Operator : VA/SY
Sample : N4188-10
Misc : 14.61G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
S15

Quant Time: Aug 18 03:22:53 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

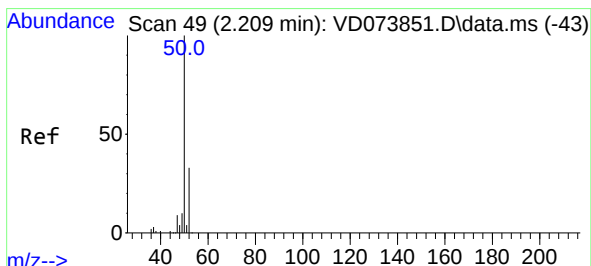
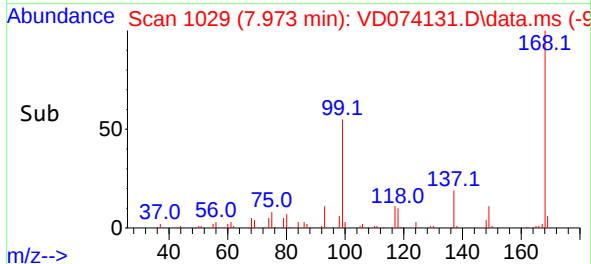
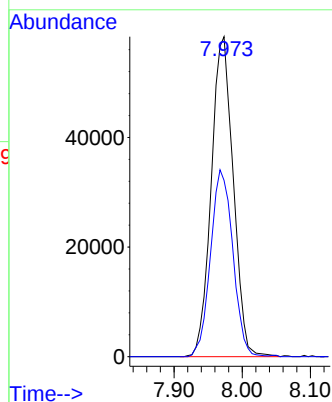
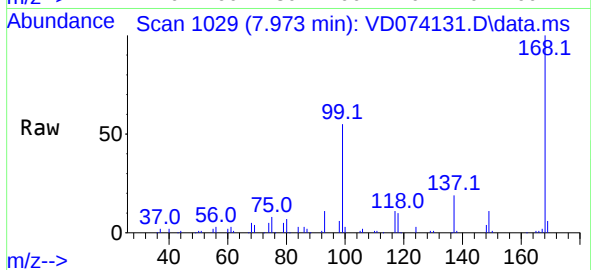




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD074131.D
Acq: 17 Aug 2022 18:32

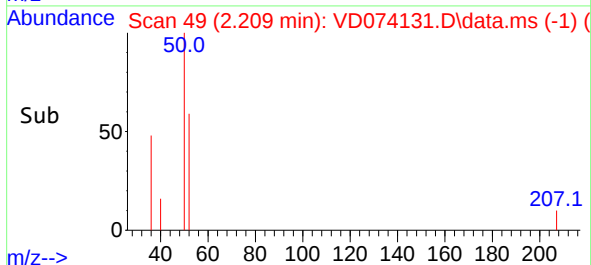
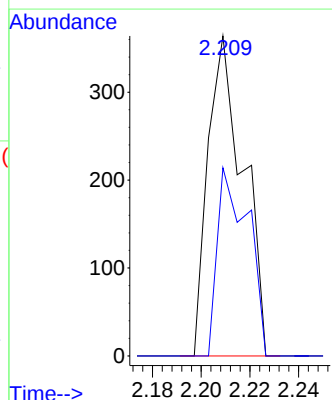
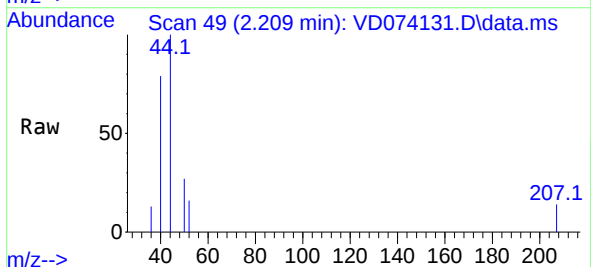
Instrument :
MSVOA_D
ClientSampleId :
S15

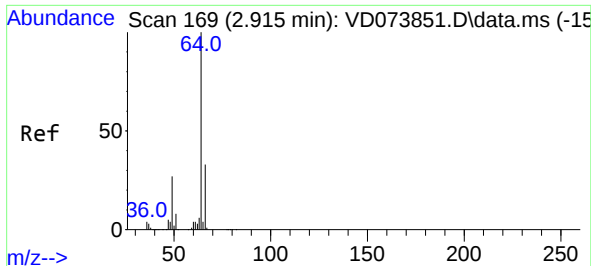
Tgt Ion:168 Resp: 131092
Ion Ratio Lower Upper
168 100
99 55.1 49.8 74.6



#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD074131.D
Acq: 17 Aug 2022 18:32

Tgt Ion: 50 Resp: 365
Ion Ratio Lower Upper
50 100
52 58.8 27.4 41.0#

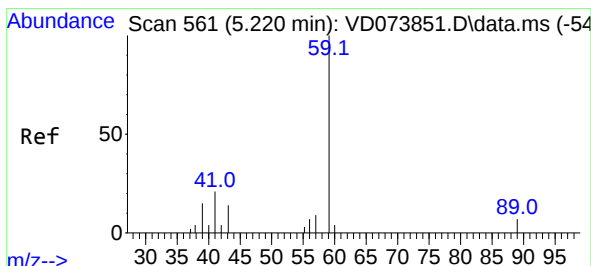
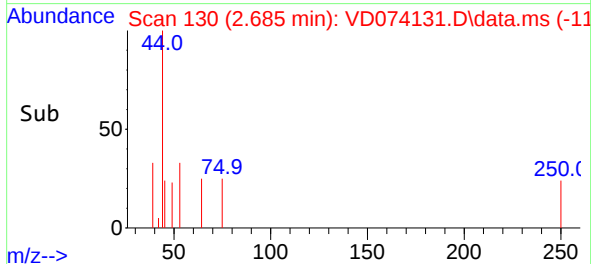
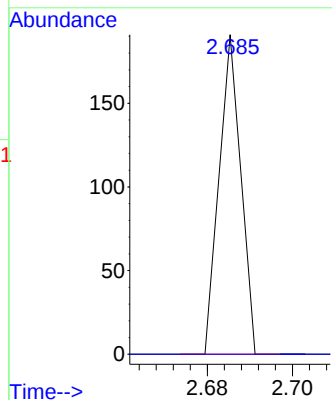
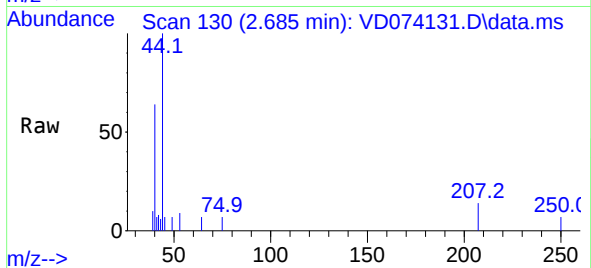




#6
Chloroethane
Concen: Below Cal
RT: 2.685 min Scan# 11
Delta R.T. -0.230 min
Lab File: VD074131.D
Acq: 17 Aug 2022 18:32

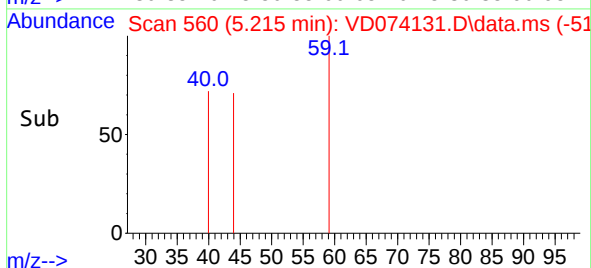
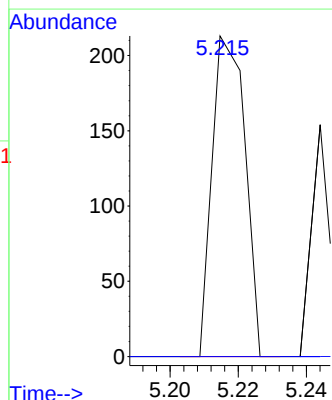
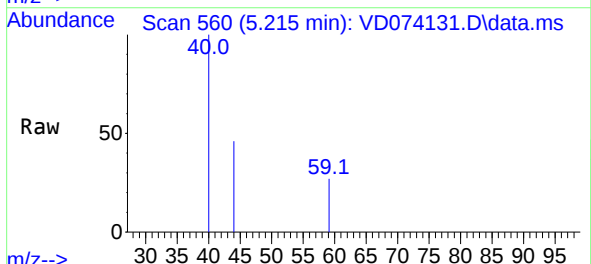
Instrument :
MSVOA_D
ClientSampleId :
S15

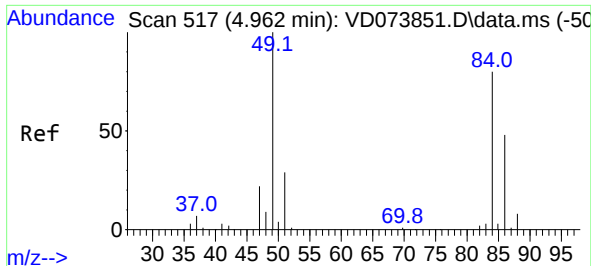
Tgt Ion: 64 Resp: 67
Ion Ratio Lower Upper
64 100
66 0.0 25.9 38.9#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.215 min Scan# 560
Delta R.T. -0.005 min
Lab File: VD074131.D
Acq: 17 Aug 2022 18:32

Tgt Ion: 59 Resp: 142
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



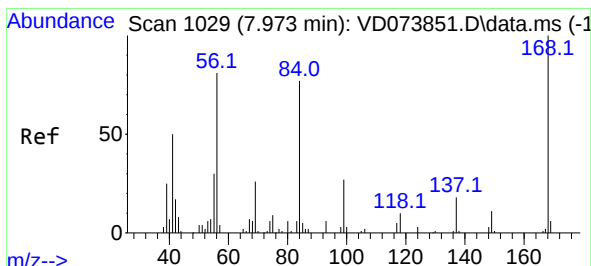
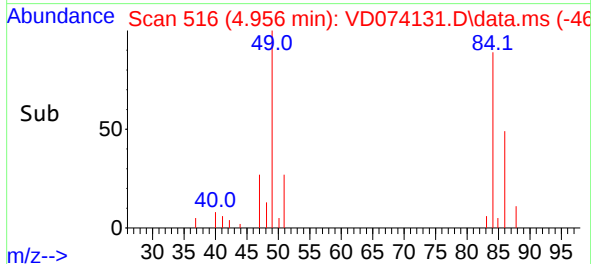
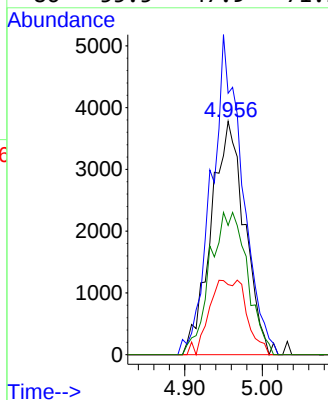
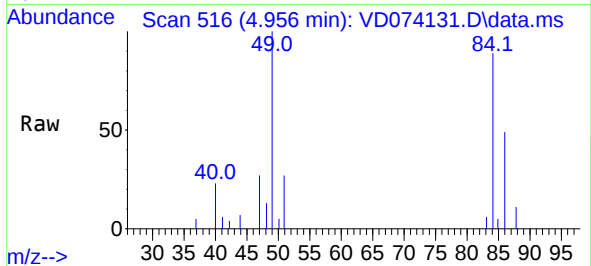


#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD074131.D
Acq: 17 Aug 2022 18:32

Instrument :
MSVOA_D
ClientSampleId :
S15

Tgt Ion: 84 Resp: 11458

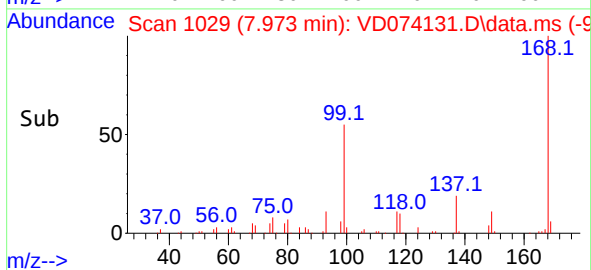
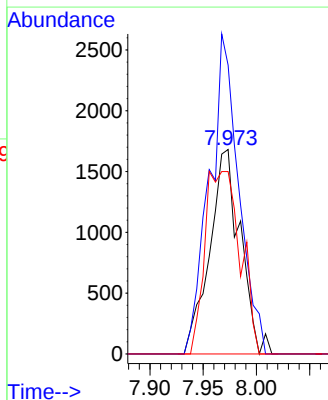
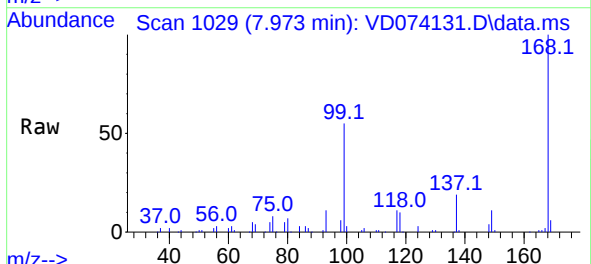
Ion	Ratio	Lower	Upper
84	100		
49	112.1	112.8	169.2#
51	30.1	32.6	48.8#
86	55.5	47.9	71.9

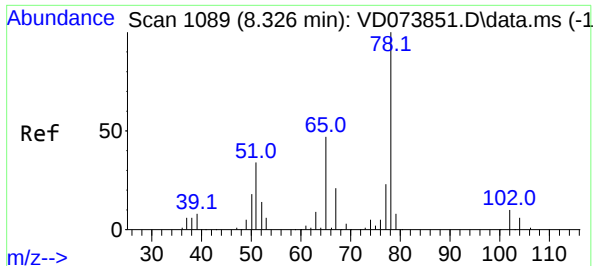


#31
Cyclohexane
Concen: Below Cal
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD074131.D
Acq: 17 Aug 2022 18:32

Tgt Ion: 56 Resp: 3368

Ion	Ratio	Lower	Upper
56	100		
69	141.2	25.4	38.2#
84	89.2	63.0	94.4





#33

1,2-Dichloroethane-d4

Concen: 60.886 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD074131.D

Acq: 17 Aug 2022 18:32

Instrument :

MSVOA_D

ClientSampleId :

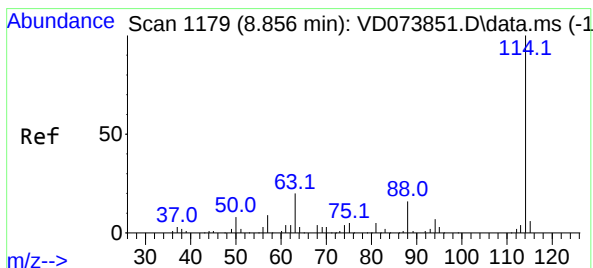
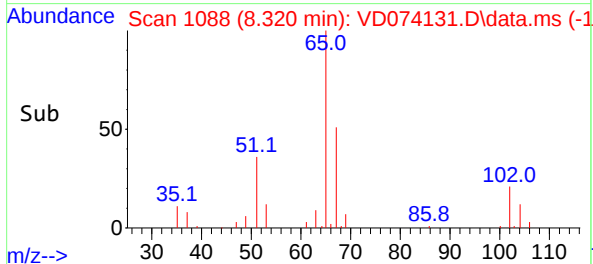
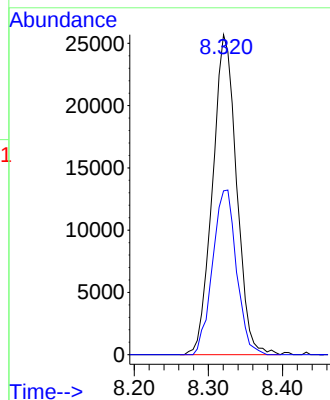
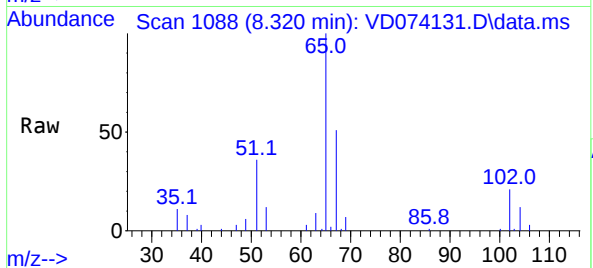
S15

Tgt Ion: 65 Resp: 57818

Ion Ratio Lower Upper

65 100

67 51.2 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: VD074131.D

Acq: 17 Aug 2022 18:32

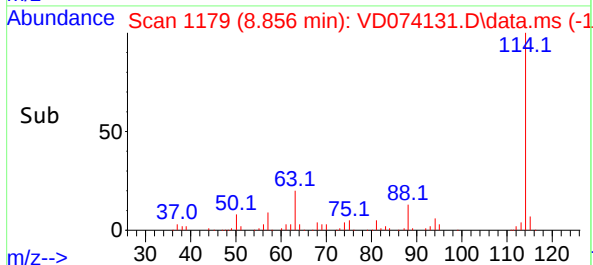
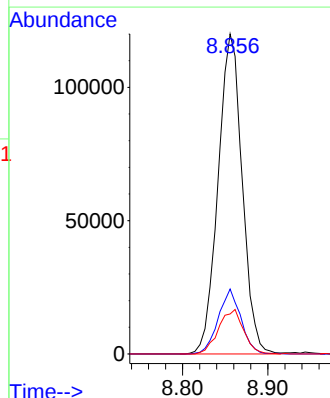
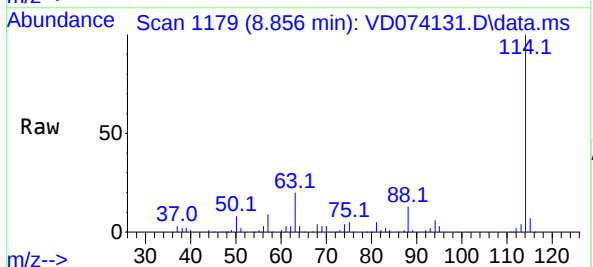
Tgt Ion:114 Resp: 235769

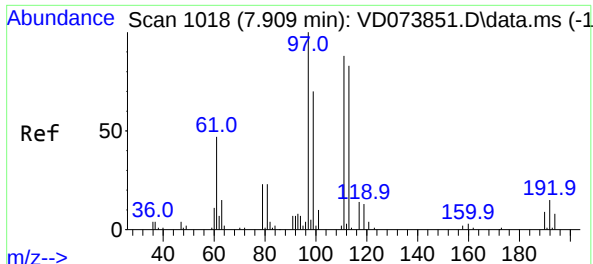
Ion Ratio Lower Upper

114 100

63 20.3 0.0 46.6

88 12.5 0.0 33.2

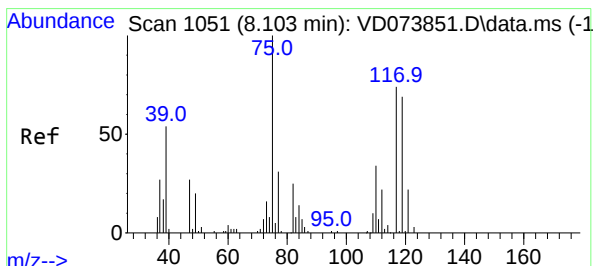
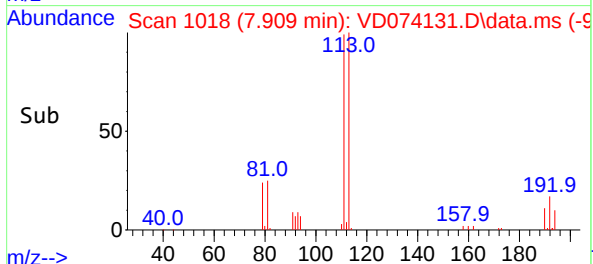
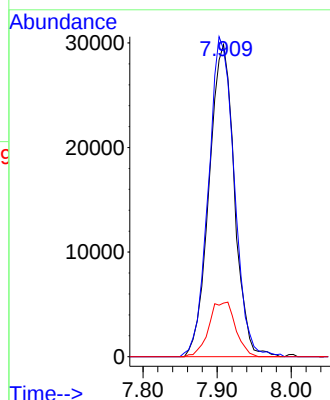
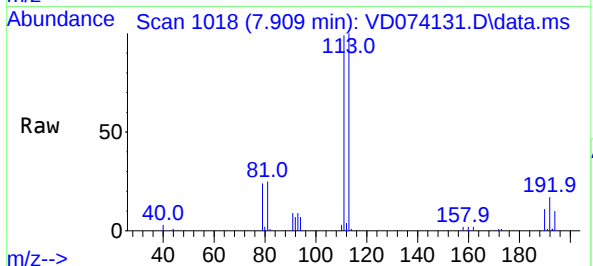




#35
Dibromofluoromethane
Concen: 46.994 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD074131.D
Acq: 17 Aug 2022 18:32

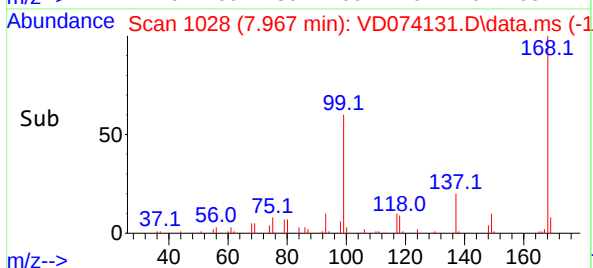
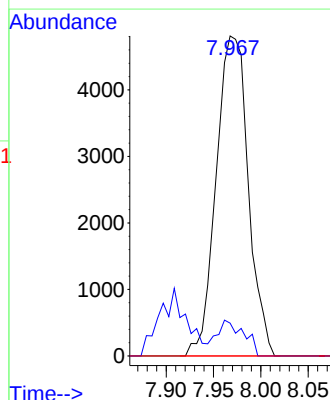
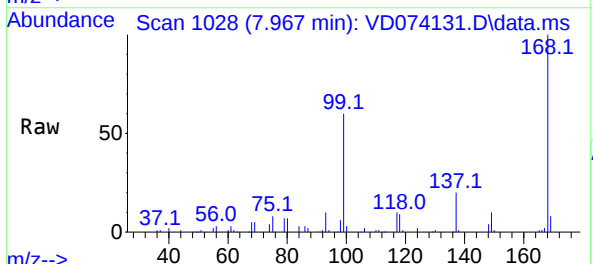
Instrument :
MSVOA_D
ClientSampleId :
S15

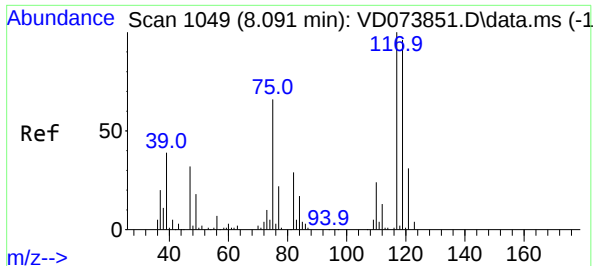
Tgt Ion:113 Resp: 70801
Ion Ratio Lower Upper
113 100
111 104.6 83.8 125.6
192 18.5 14.6 21.8



#36
1,1-Dichloropropene
Concen: 5.521 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.136 min
Lab File: VD074131.D
Acq: 17 Aug 2022 18:32

Tgt Ion: 75 Resp: 11343
Ion Ratio Lower Upper
75 100
110 9.3 16.4 49.1#
77 0.0 24.2 36.2#

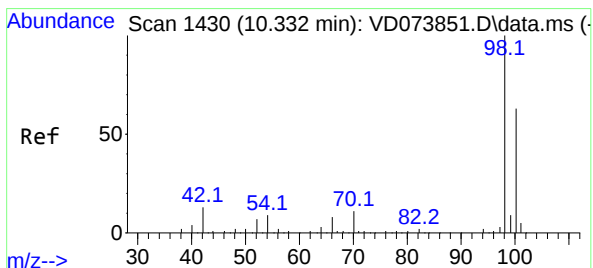
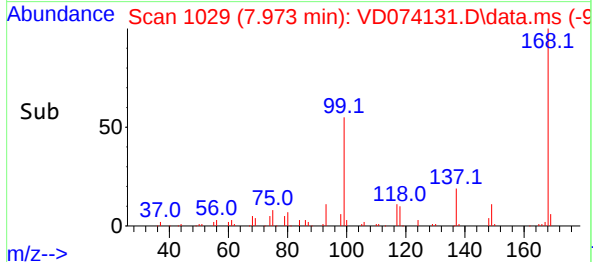
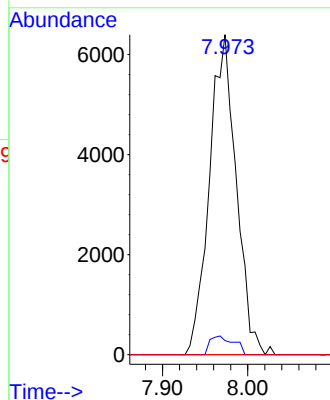
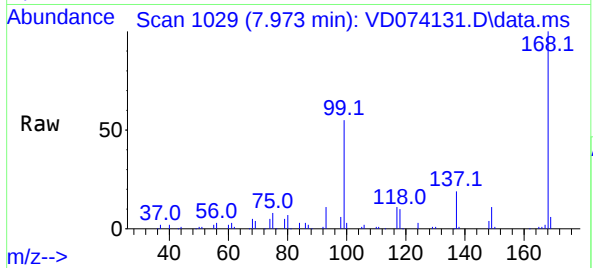




#38
Carbon Tetrachloride
Concen: 5.931 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD074131.D
Acq: 17 Aug 2022 18:32

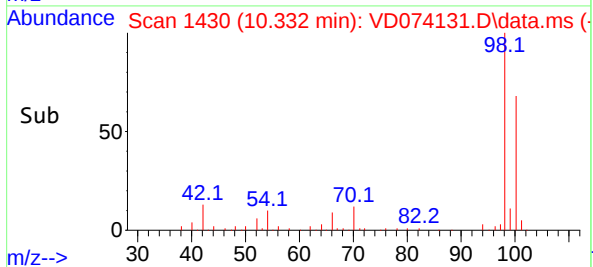
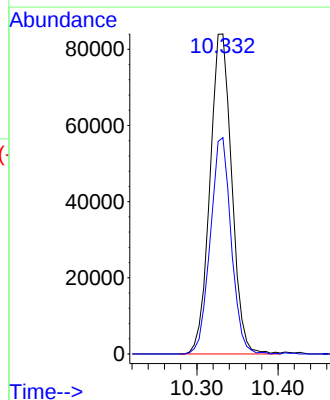
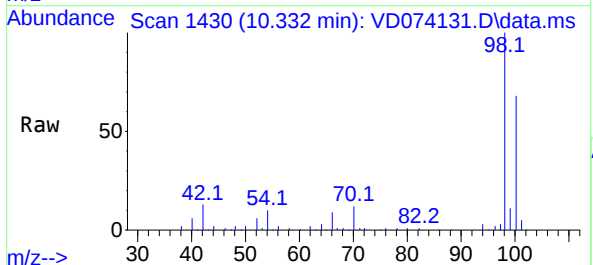
Instrument :
MSVOA_D
ClientSampleId :
S15

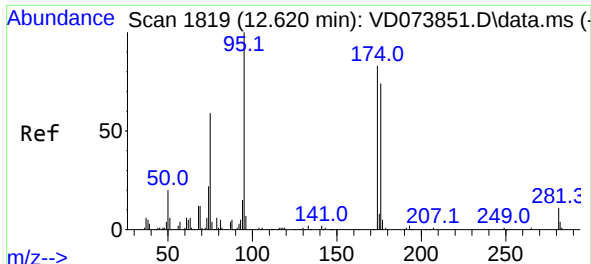
Tgt Ion:117 Resp: 14063
Ion Ratio Lower Upper
117 100
119 4.4 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 34.278 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD074131.D
Acq: 17 Aug 2022 18:32

Tgt Ion: 98 Resp: 156797
Ion Ratio Lower Upper
98 100
100 64.8 52.4 78.6

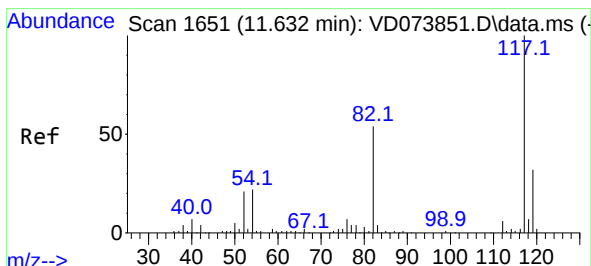
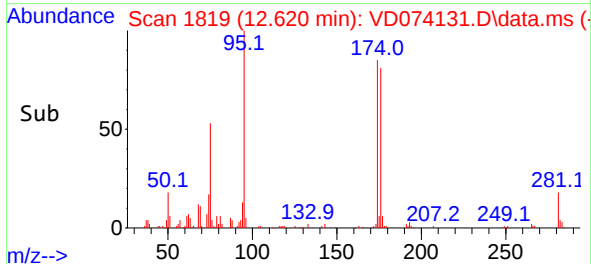
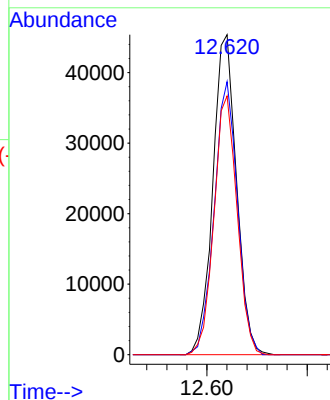
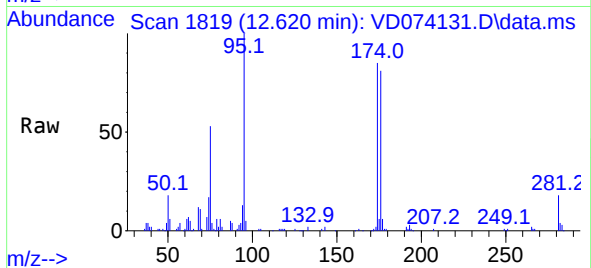




#62
4-Bromofluorobenzene
Concen: 39.299 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD074131.D
Acq: 17 Aug 2022 18:32

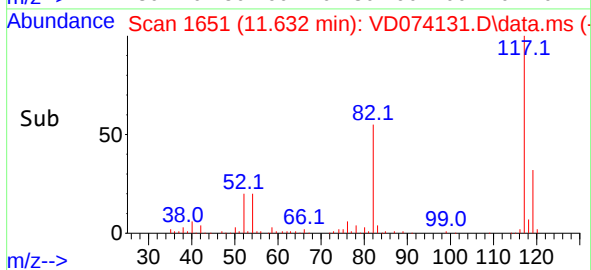
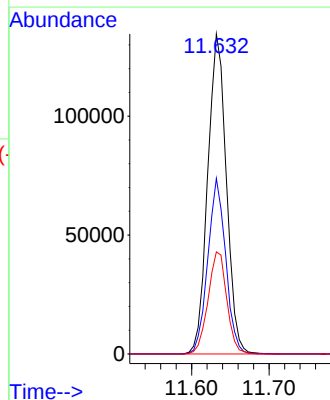
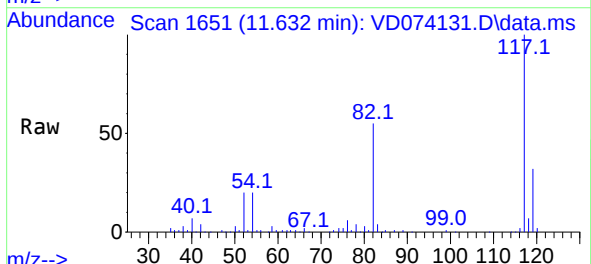
Instrument :
MSVOA_D
ClientSampleId :
S15

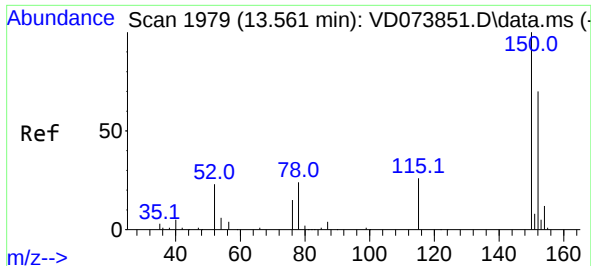
Tgt Ion: 95 Resp: 74234
Ion Ratio Lower Upper
95 100
174 83.9 0.0 152.8
176 79.2 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD074131.D
Acq: 17 Aug 2022 18:32

Tgt Ion: 117 Resp: 224559
Ion Ratio Lower Upper
117 100
82 54.8 45.3 67.9
119 31.9 26.6 40.0

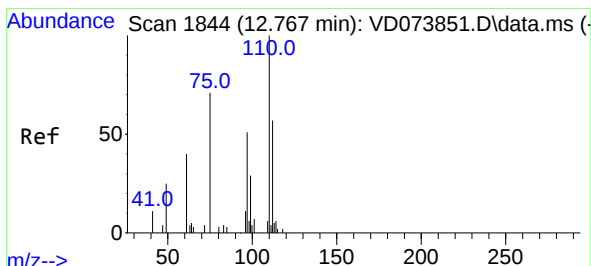
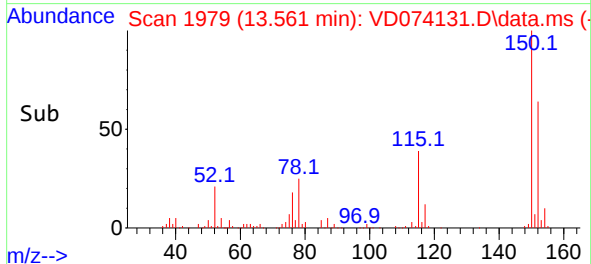
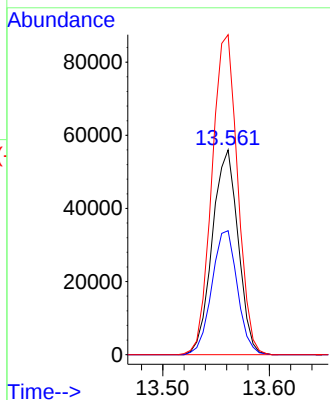
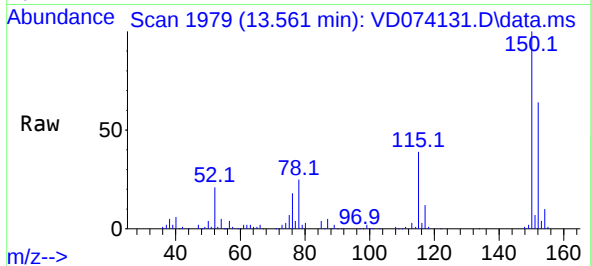




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD074131.D
Acq: 17 Aug 2022 18:32

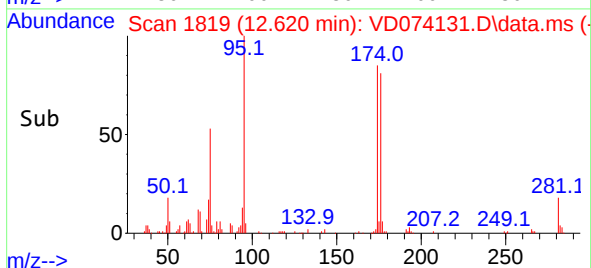
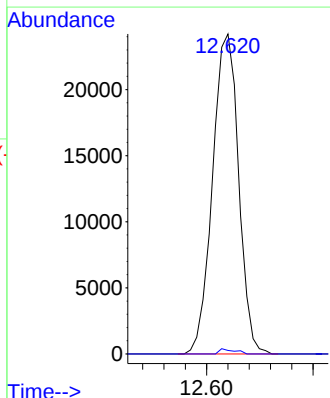
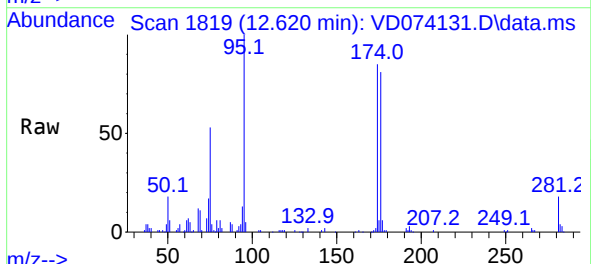
Instrument :
MSVOA_D
ClientSampleId :
S15

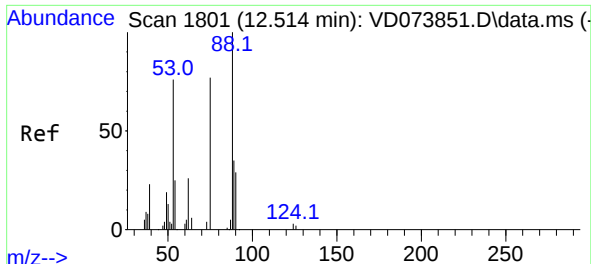
Tgt Ion:152 Resp: 94383
Ion Ratio Lower Upper
152 100
115 60.0 31.3 93.8
150 155.0 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 48.857 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD074131.D
Acq: 17 Aug 2022 18:32

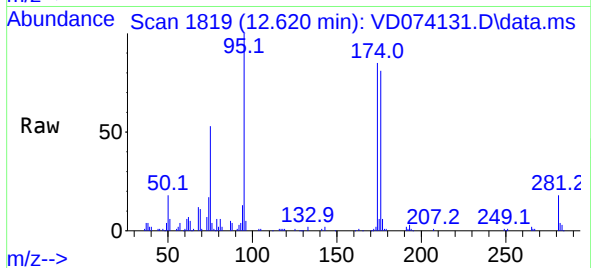
Tgt Ion: 75 Resp: 41090
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 136.256 ug/l
RT: 12.620 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD074131.D
Acq: 17 Aug 2022 18:32

Instrument :
MSVOA_D
ClientSampleId :
S15



Tgt Ion: 75 Resp: 41090
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.2 33.9 50.9#

