

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081622\
 Data File : VD074112.D
 Acq On : 16 Aug 2022 20:16
 Operator : VA/SY
 Sample : N4189-17RE
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB14RE

Quant Time: Aug 16 20:54:47 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)

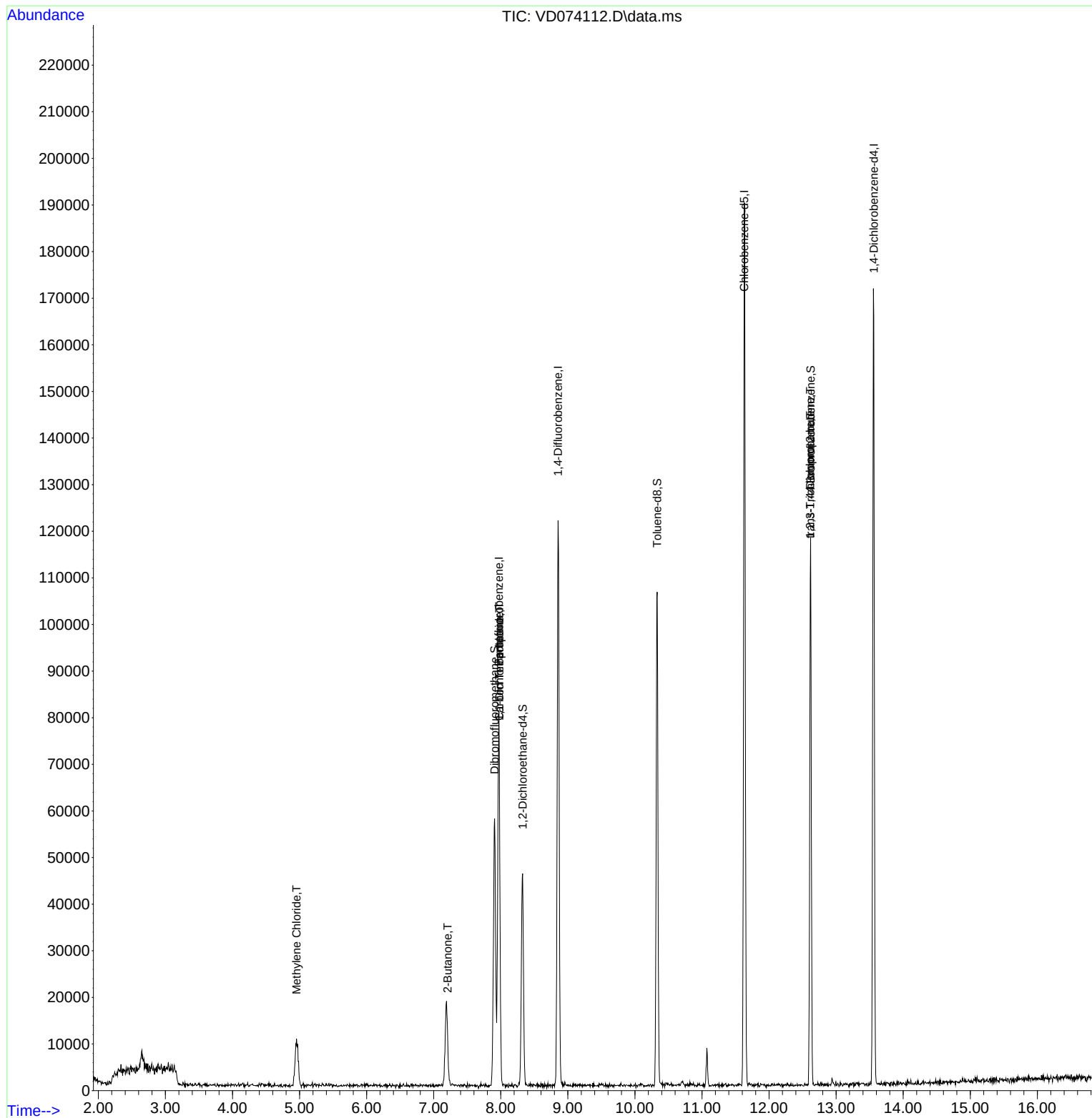
Internal Standards						
1) Pentafluorobenzene	7.973	168	55973	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	103556	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	108357	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	44657	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	35704	92.041	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 184.080%#	
35) Dibromofluoromethane	7.908	113	37978	57.391	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.780%	
50) Toluene-d8	10.332	98	73422	36.544	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 73.080%	
62) 4-Bromofluorobenzene	12.620	95	36389	43.859	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 87.720%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.215	50	80	Below Cal	#	40
16) Acetone	4.162	43	398	Below Cal	#	47
18) Methyl Acetate	4.761	43	64	Below Cal	#	55
20) Methylene Chloride	4.956	84	8092	3.132	ug/l	93
25) 2-Butanone	7.208	43	300	2.097	ug/l #	36
31) Cyclohexane	7.973	56	1395	Below Cal	#	6
36) 1,1-Dichloropropene	7.979	75	4987	5.526	ug/l #	44
38) Carbon Tetrachloride	7.979	117	6460	6.202	ug/l #	13
76) 1,2,3-Trichloropropane	12.614	75	19123	48.056	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.614	75	19123	134.023	ug/l #	7

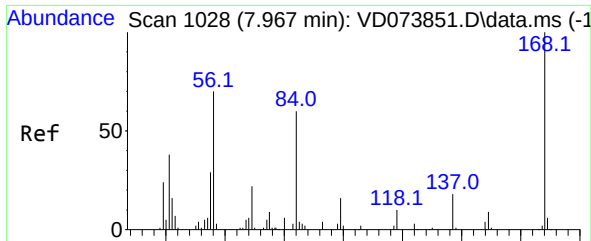
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081622\
Data File : VD074112.D
Acq On : 16 Aug 2022 20:16
Operator : VA/SY
Sample : N4189-17RE
Misc : 5.04G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB14RE

Quant Time: Aug 16 20:54:47 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

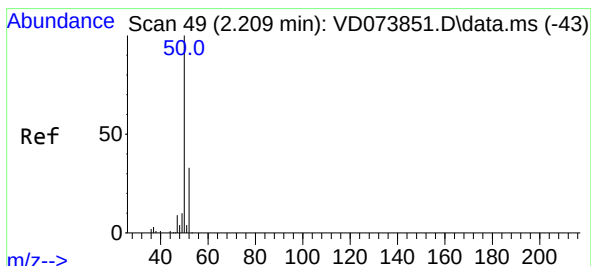
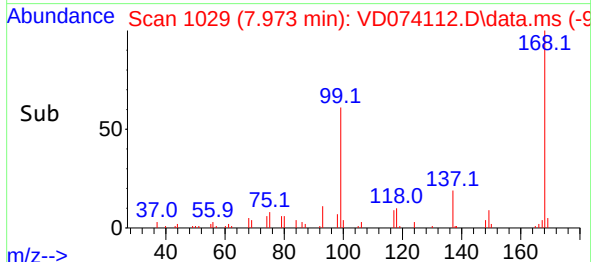
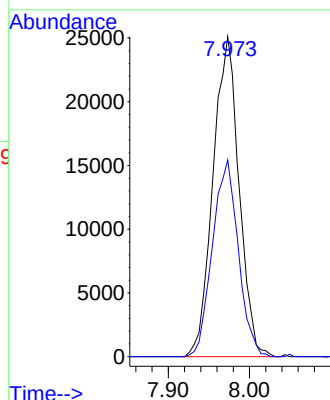
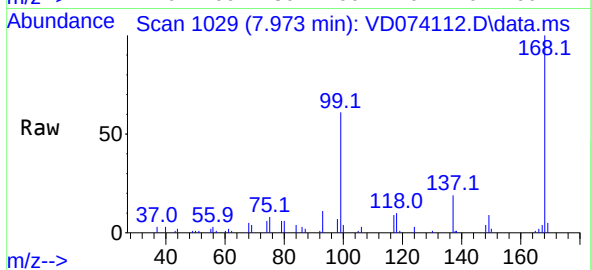




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD074112.D
Acq: 16 Aug 2022 20:16

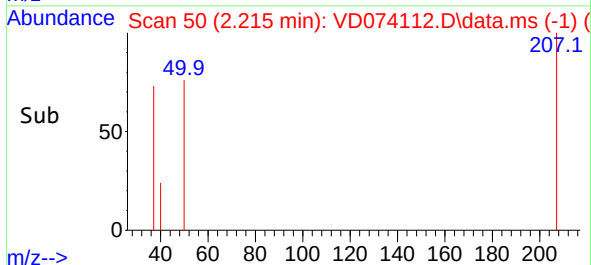
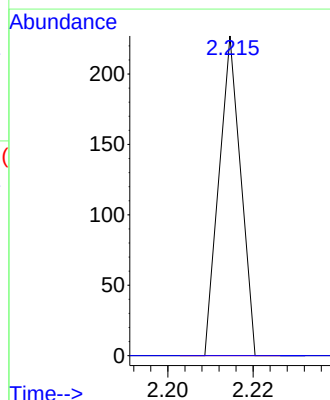
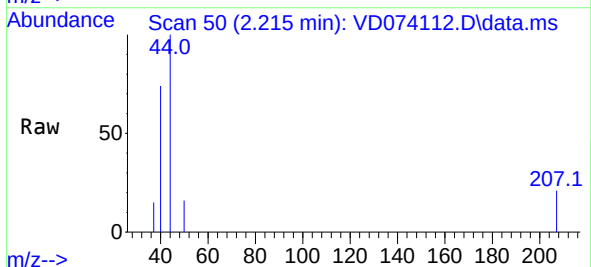
Instrument :
MSVOA_D
ClientSampleId :
SB14RE

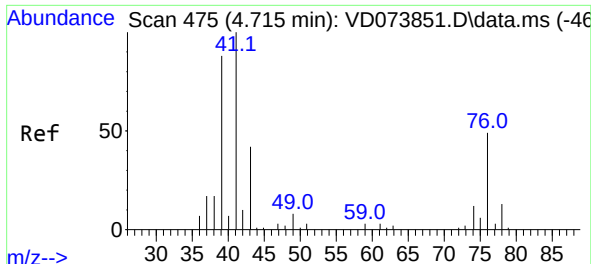
Tgt Ion:168 Resp: 55973
Ion Ratio Lower Upper
168 100
99 61.5 49.8 74.6



#3
Chloromethane
Concen: Below Cal
RT: 2.215 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD074112.D
Acq: 16 Aug 2022 20:16

Tgt Ion: 50 Resp: 80
Ion Ratio Lower Upper
50 100
52 0.0 27.4 41.0#





#18

Methyl Acetate

Concen: Below Cal

RT: 4.761 min Scan# 41

Delta R.T. 0.046 min

Lab File: VD074112.D

Acq: 16 Aug 2022 20:16

Instrument :

MSVOA_D

ClientSampleId :

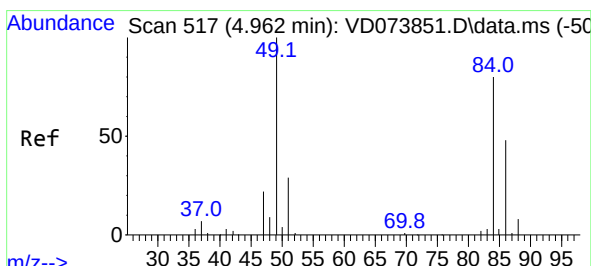
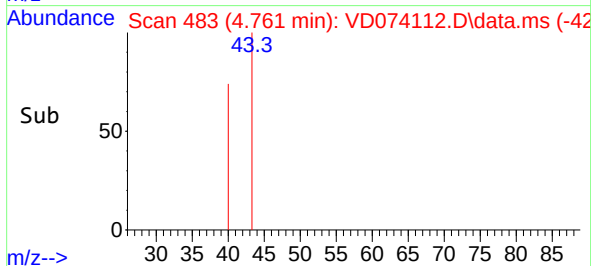
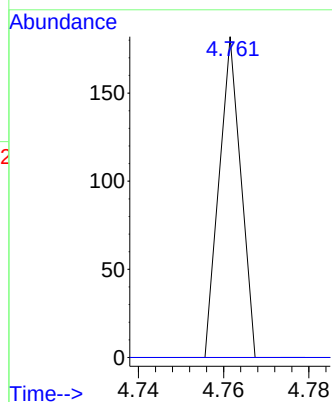
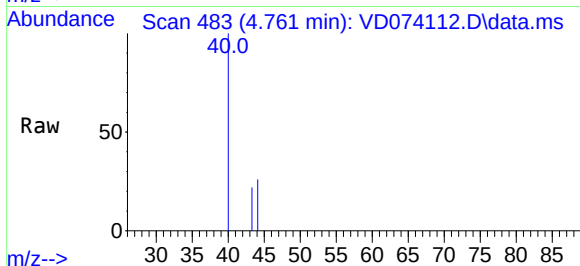
SB14RE

Tgt Ion: 43 Resp: 64

Ion Ratio Lower Upper

43 100

74 0.0 16.7 25.1#



#20

Methylene Chloride

Concen: 3.132 ug/l

RT: 4.956 min Scan# 516

Delta R.T. -0.006 min

Lab File: VD074112.D

Acq: 16 Aug 2022 20:16

Tgt Ion: 84 Resp: 8092

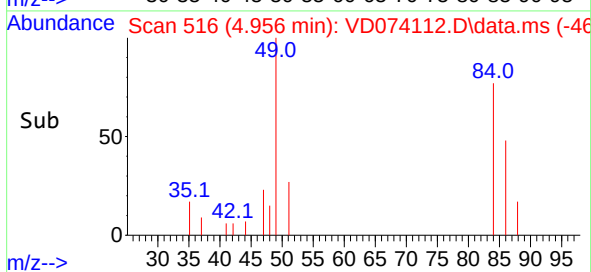
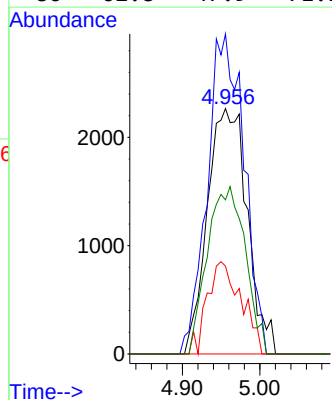
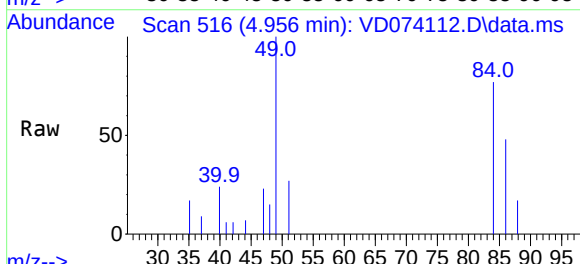
Ion Ratio Lower Upper

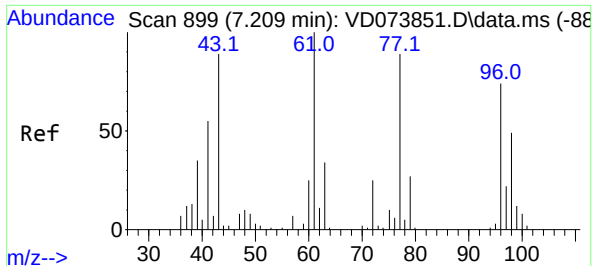
84 100

49 130.4 112.8 169.2

51 35.8 32.6 48.8

86 62.8 47.9 71.9

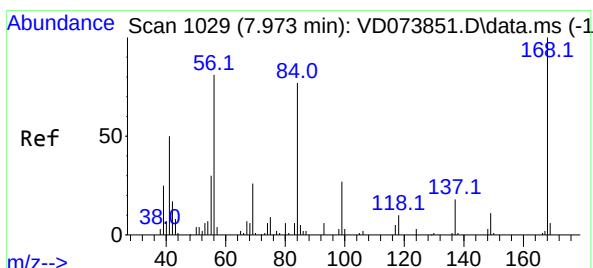
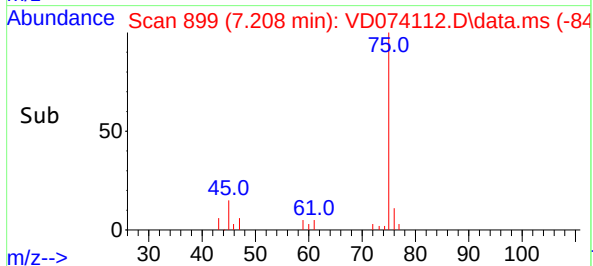
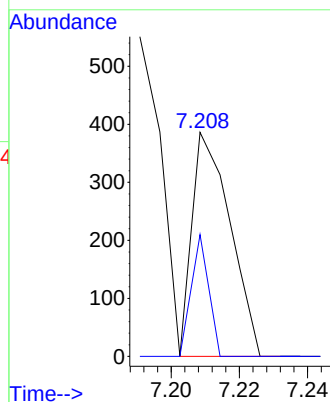
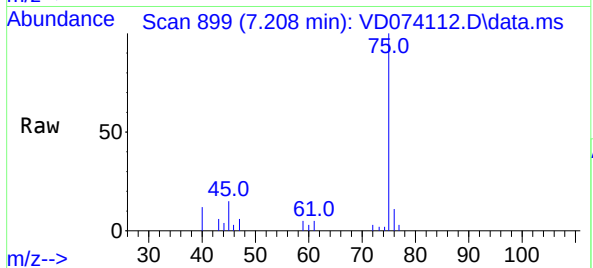




#25
2-Butanone
Concen: 2.097 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.001 min
Lab File: VD074112.D
Acq: 16 Aug 2022 20:16

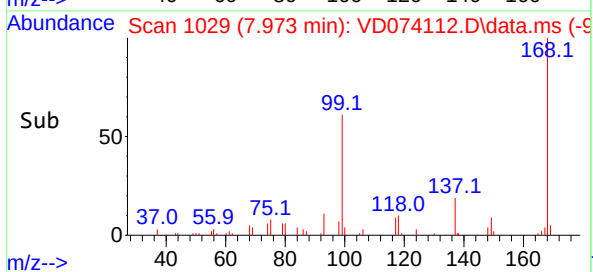
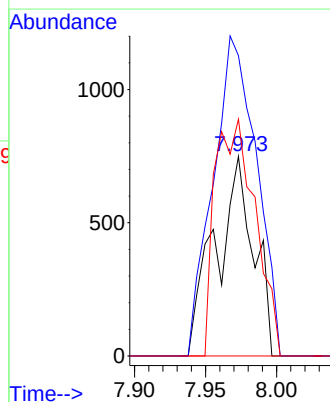
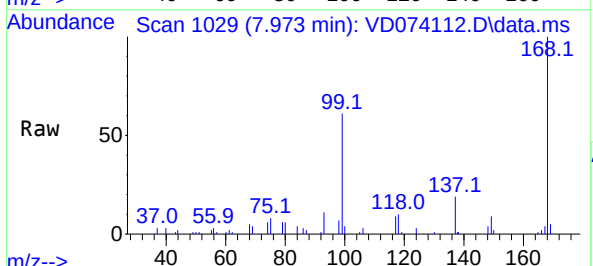
Instrument :
MSVOA_D
ClientSampleId :
SB14RE

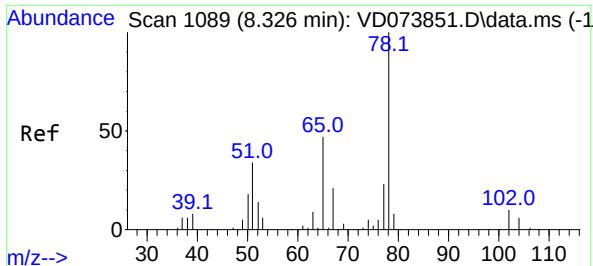
Tgt Ion: 43 Resp: 300
Ion Ratio Lower Upper
43 100
72 54.4 18.6 27.8#



#31
Cyclohexane
Concen: Below Cal
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD074112.D
Acq: 16 Aug 2022 20:16

Tgt Ion: 56 Resp: 1395
Ion Ratio Lower Upper
56 100
69 150.5 25.4 38.2#
84 118.7 63.0 94.4#

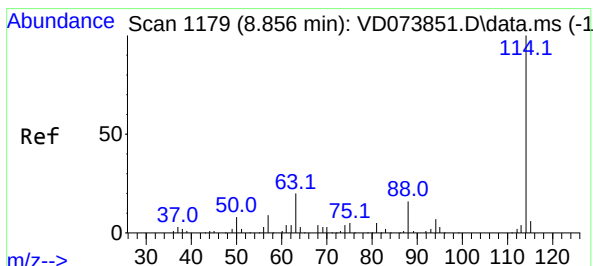
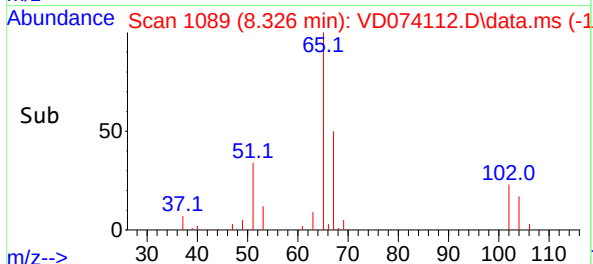
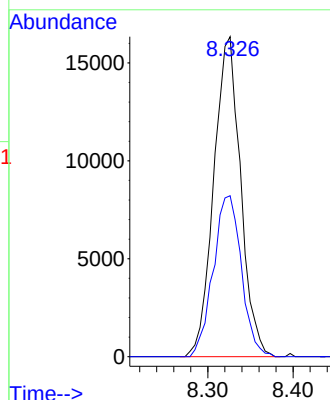
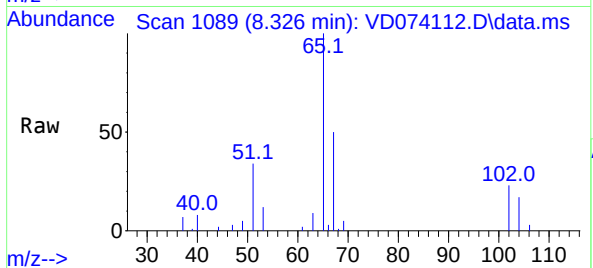




#33
1,2-Dichloroethane-d4
Concen: 92.041 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD074112.D
Acq: 16 Aug 2022 20:16

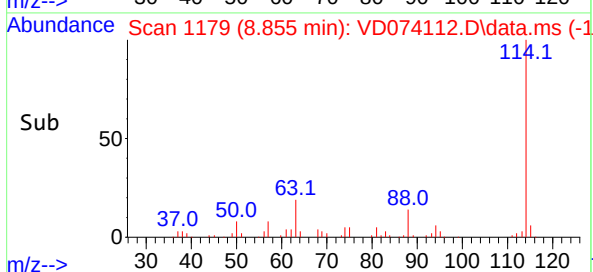
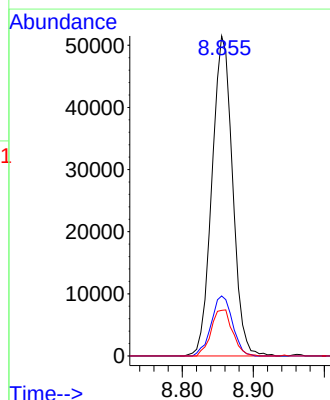
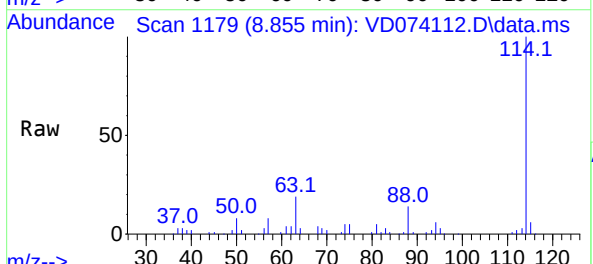
Instrument :
MSVOA_D
ClientSampleId :
SB14RE

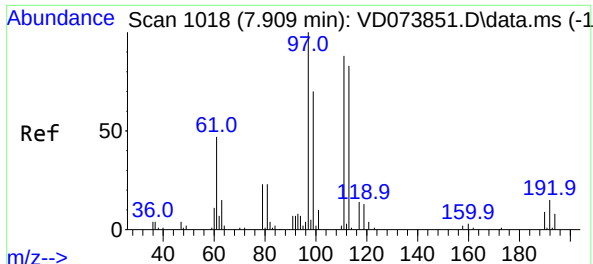
Tgt Ion: 65 Resp: 35704
Ion Ratio Lower Upper
65 100
67 52.8 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VD074112.D
Acq: 16 Aug 2022 20:16

Tgt Ion: 114 Resp: 103556
Ion Ratio Lower Upper
114 100
63 18.7 0.0 46.6
88 14.3 0.0 33.2





#35

Dibromofluoromethane

Concen: 57.391 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.001 min

Lab File: VD074112.D

Acq: 16 Aug 2022 20:16

Instrument :

MSVOA_D

ClientSampleId :

SB14RE

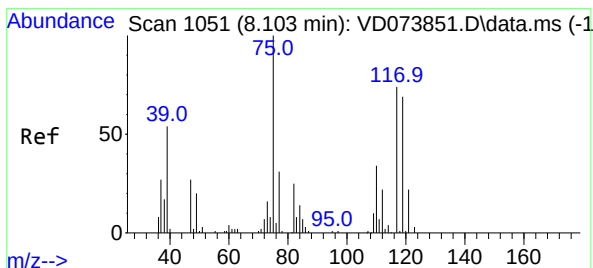
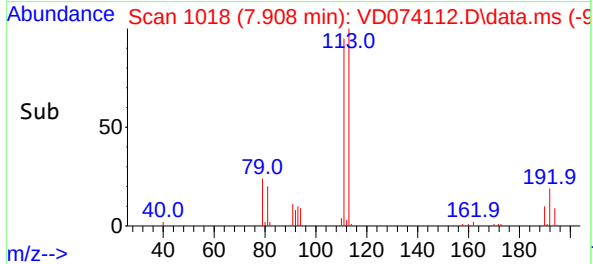
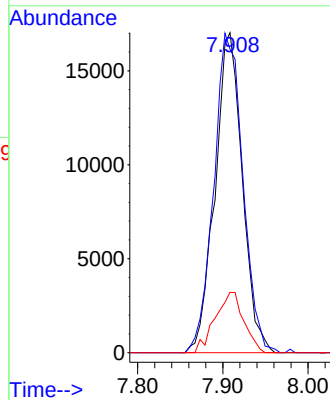
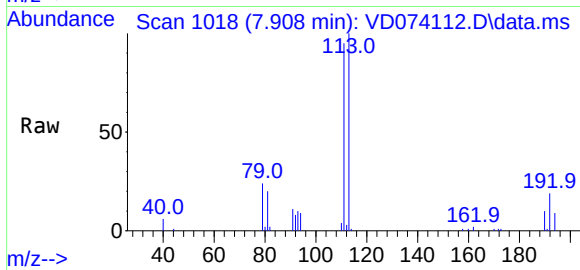
Tgt Ion:113 Resp: 37978

Ion Ratio Lower Upper

113 100

111 106.1 83.8 125.6

192 19.7 14.6 21.8



#36

1,1-Dichloropropene

Concen: 5.526 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.124 min

Lab File: VD074112.D

Acq: 16 Aug 2022 20:16

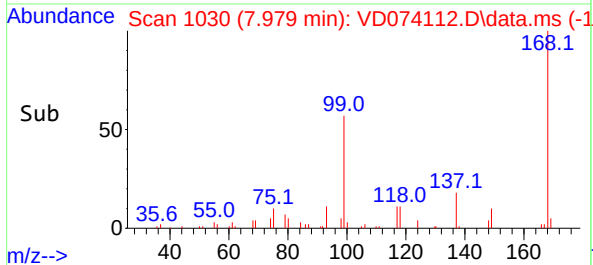
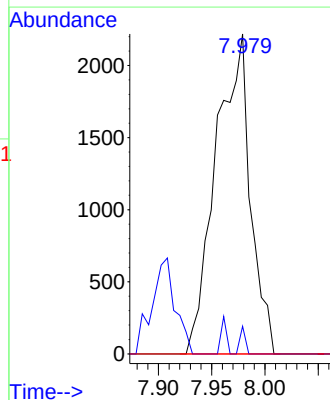
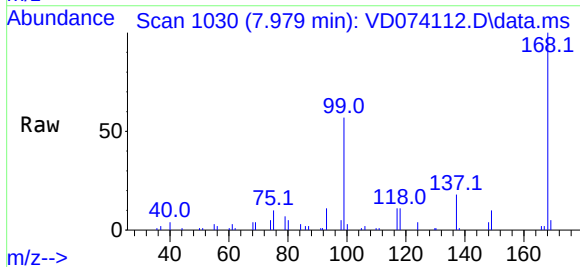
Tgt Ion: 75 Resp: 4987

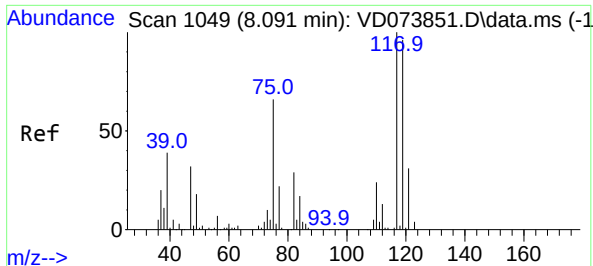
Ion Ratio Lower Upper

75 100

110 1.4 16.4 49.1#

77 0.0 24.2 36.2#

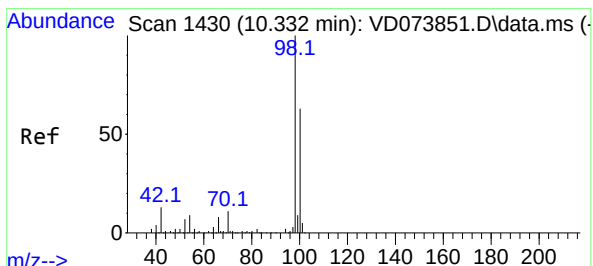
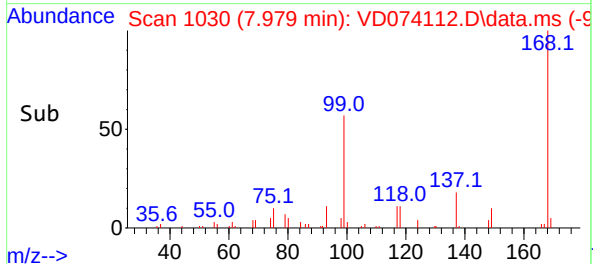
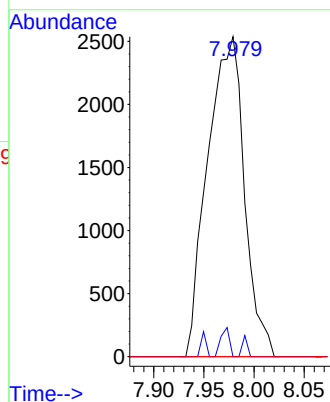
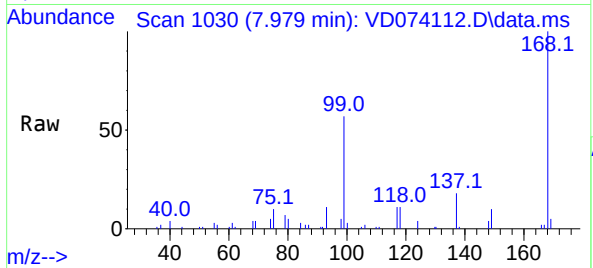




#38
Carbon Tetrachloride
Concen: 6.202 ug/l
RT: 7.979 min Scan# 1049
Delta R.T. -0.112 min
Lab File: VD074112.D
Acq: 16 Aug 2022 20:16

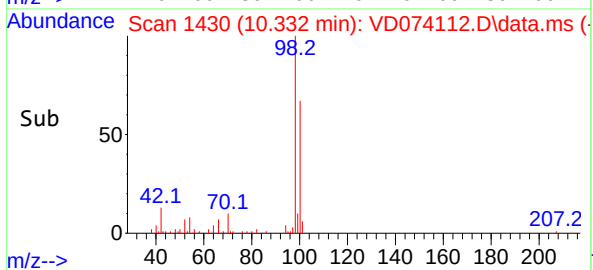
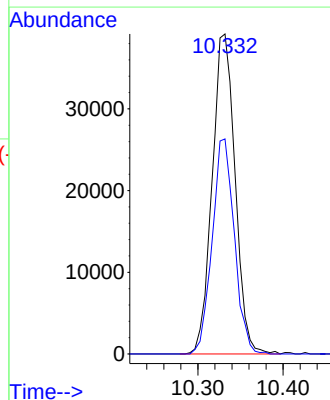
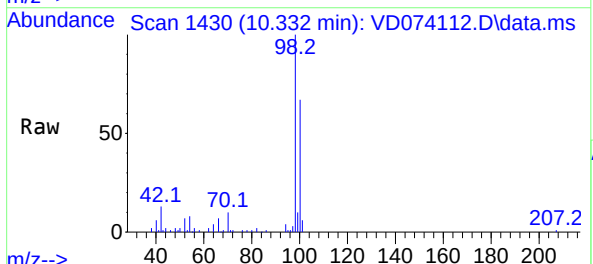
Instrument :
MSVOA_D
ClientSampleId :
SB14RE

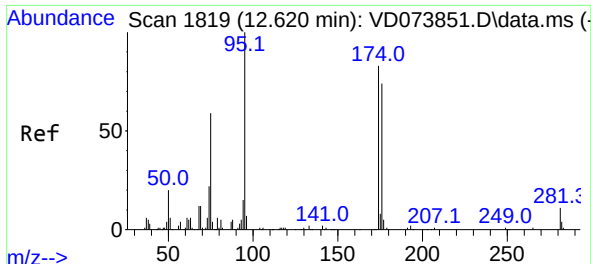
Tgt Ion:117 Resp: 6460
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 36.544 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD074112.D
Acq: 16 Aug 2022 20:16

Tgt Ion: 98 Resp: 73422
Ion Ratio Lower Upper
98 100
100 64.9 52.4 78.6

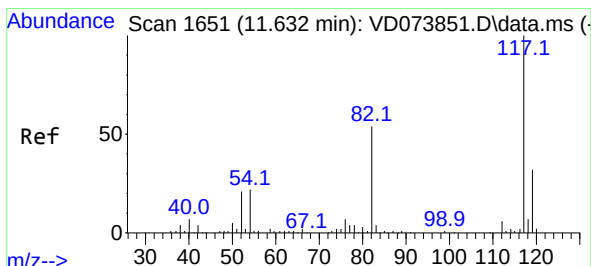
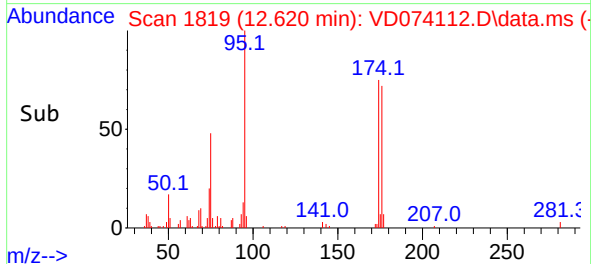
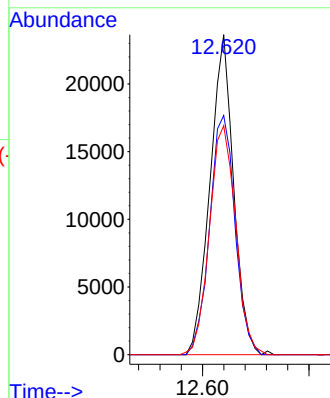
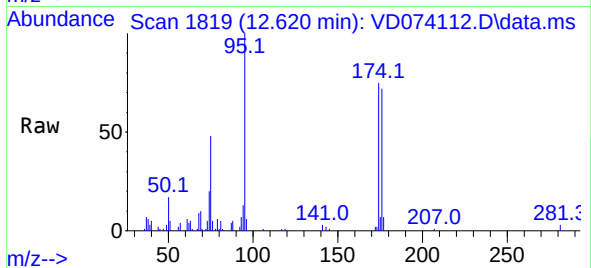




#62
4-Bromofluorobenzene
Concen: 43.859 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD074112.D
Acq: 16 Aug 2022 20:16

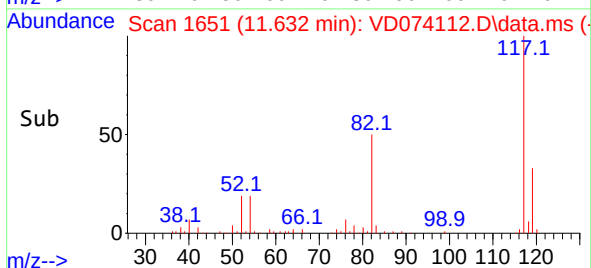
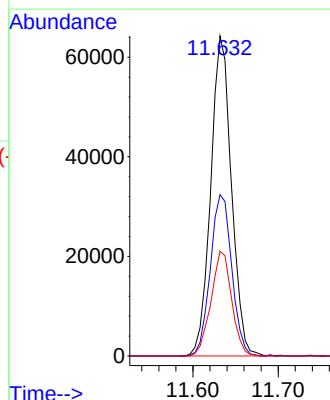
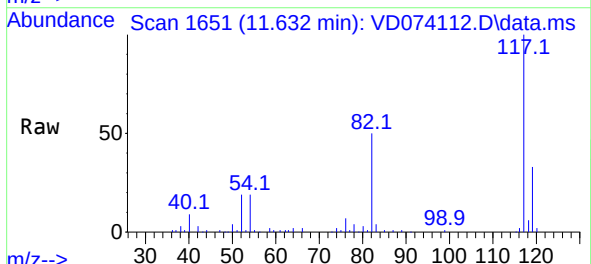
Instrument :
MSVOA_D
ClientSampleId :
SB14RE

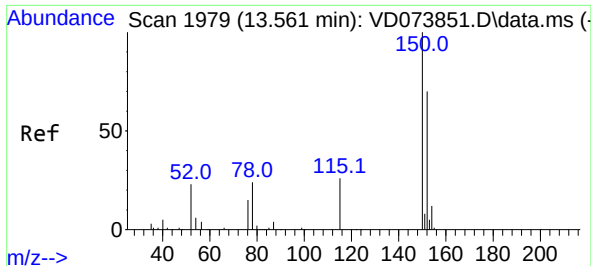
Tgt Ion: 95 Resp: 36389
Ion Ratio Lower Upper
95 100
174 80.2 0.0 152.8
176 79.3 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD074112.D
Acq: 16 Aug 2022 20:16

Tgt Ion: 117 Resp: 108357
Ion Ratio Lower Upper
117 100
82 50.4 45.3 67.9
119 32.7 26.6 40.0

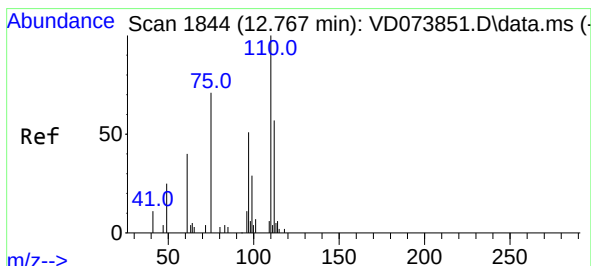
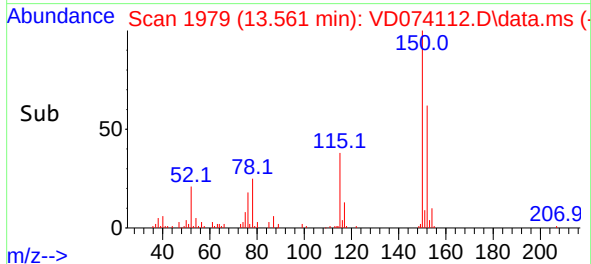
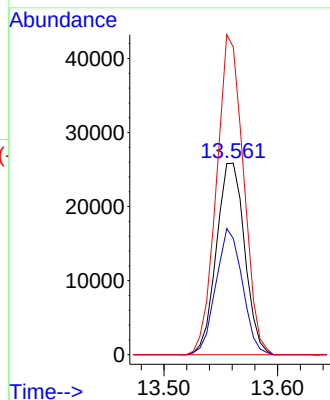
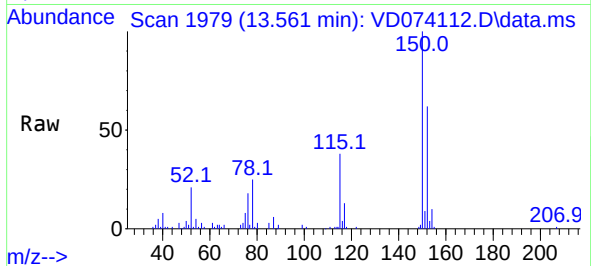




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD074112.D
Acq: 16 Aug 2022 20:16

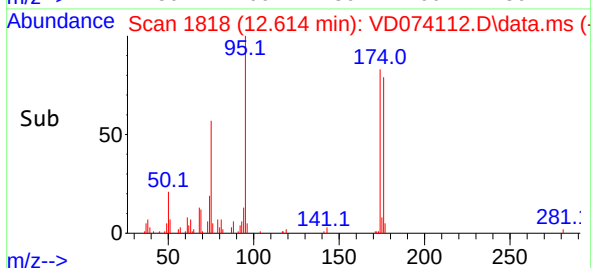
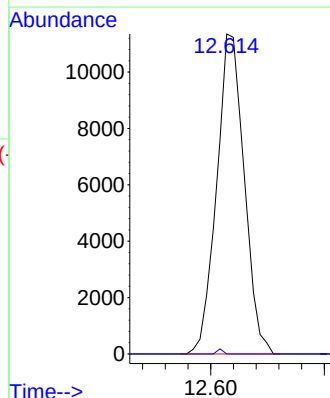
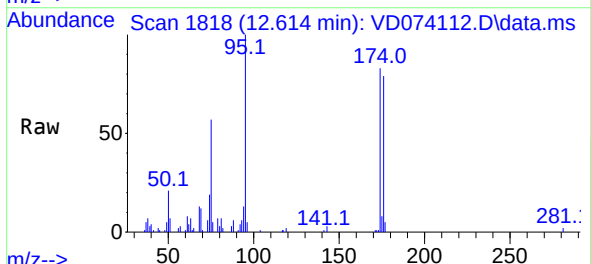
Instrument :
MSVOA_D
ClientSampleId :
SB14RE

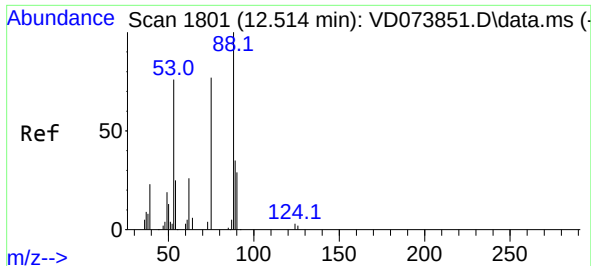
Tgt Ion:152 Resp: 44657
Ion Ratio Lower Upper
152 100
115 61.9 31.3 93.8
150 160.0 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 48.056 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. -0.153 min
Lab File: VD074112.D
Acq: 16 Aug 2022 20:16

Tgt Ion: 75 Resp: 19123
Ion Ratio Lower Upper
75 100
77 0.3 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 134.023 ug/l
RT: 12.614 min Scan# 11
Delta R.T. 0.100 min
Lab File: VD074112.D
Acq: 16 Aug 2022 20:16

Instrument :
MSVOA_D
ClientSampleId :
SB14RE

Tgt Ion: 75 Resp: 19123
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#

