

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111822\
 Data File : VD074991.D
 Acq On : 18 Nov 2022 15:53
 Operator : VA/SY
 Sample : N5660-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-02-11622

Quant Time: Nov 18 22:06:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 14 00:51:58 2022
 Response via : Initial Calibration

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

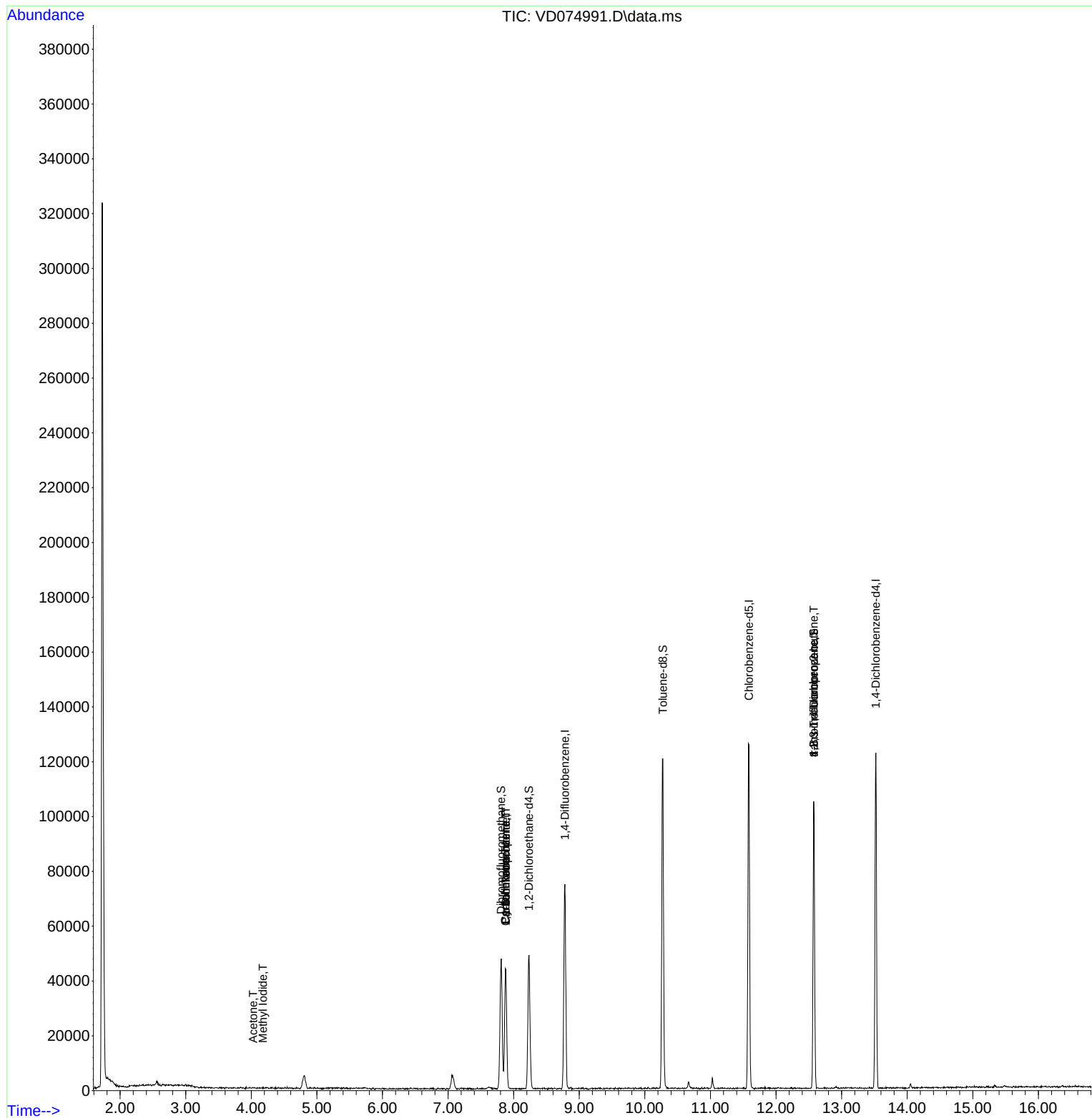
Internal Standards						
1) Pentafluorobenzene	7.875	168	36777	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	75531	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.586	117	82249	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	36151	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	38094	170.120	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 340.240%#		
35) Dibromofluoromethane	7.810	113	35246	75.701	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 151.400%#		
50) Toluene-d8	10.275	98	92689	60.435	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 120.880%		
62) 4-Bromofluorobenzene	12.575	95	32020	67.991	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 135.980%		
Target Compounds						
3) Chloromethane	2.140	50	72	Below Cal	#	37
5) Bromomethane	2.705	94	323	Below Cal		88
10) Methyl Iodide	4.175	142	56	4.883	ug/l #	43
16) Acetone	4.028	43	300	4.941	ug/l #	37
20) Methylene Chloride	4.810	84	4306	Below Cal	#	89
31) Cyclohexane	7.875	56	734	1.369	ug/l #	51
36) 1,1-Dichloropropene	7.881	75	2446	3.575	ug/l #	41
38) Carbon Tetrachloride	7.881	117	3860	5.993	ug/l #	14
76) 1,2,3-Trichloropropane	12.575	75	15835	52.370	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	15835	128.832	ug/l #	17

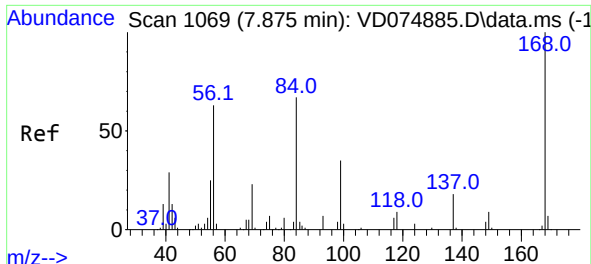
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
CL-02-11622

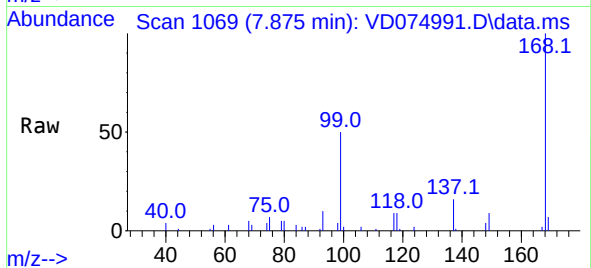
Quant Time: Nov 18 22:06:05 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111122S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 14 00:51:58 2022
Response via : Initial Calibration



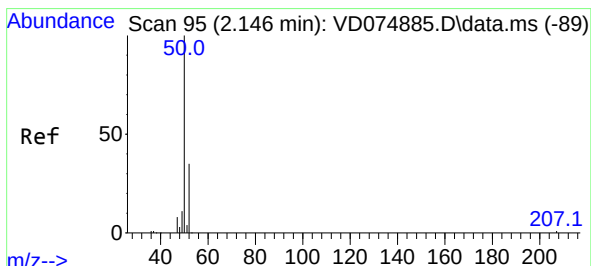
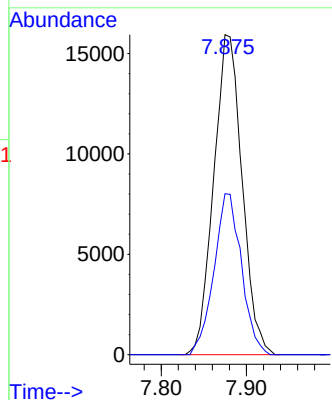
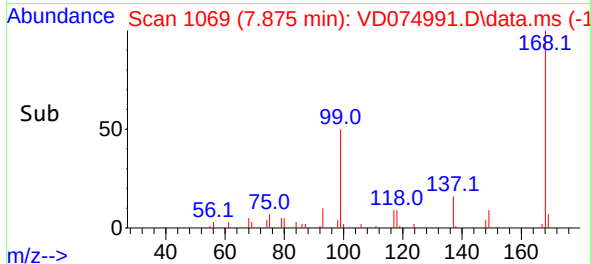


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 10
Delta R.T. -0.000 min
Lab File: VD074991.D
Acq: 18 Nov 2022 15:53

Instrument :
MSVOA_D
ClientSampleId :
CL-02-11622

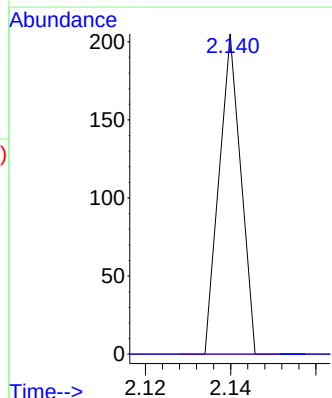
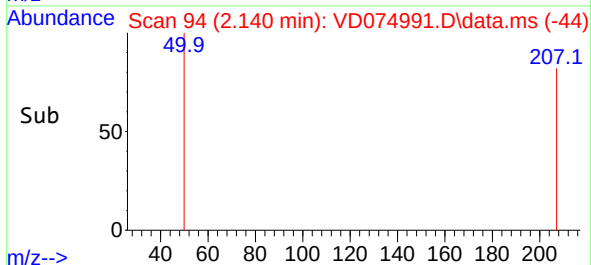
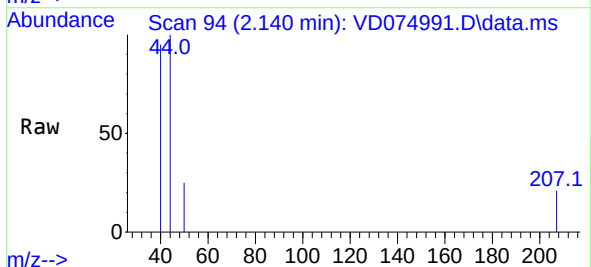


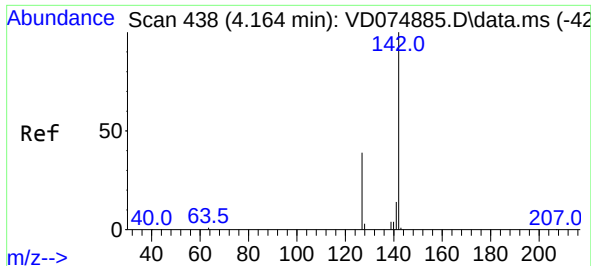
Tgt Ion:168 Resp: 36777
Ion Ratio Lower Upper
168 100
99 50.3 40.9 61.3



#3
Chloromethane
Concen: Below Cal
RT: 2.140 min Scan# 94
Delta R.T. -0.006 min
Lab File: VD074991.D
Acq: 18 Nov 2022 15:53

Tgt Ion: 50 Resp: 72
Ion Ratio Lower Upper
50 100
52 0.0 30.0 45.0#

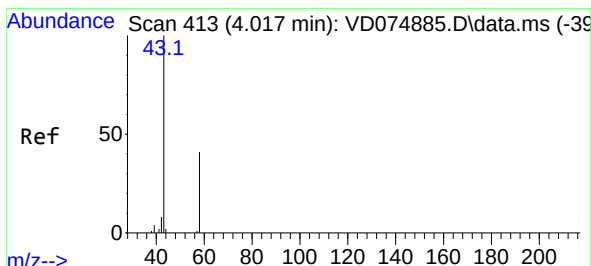
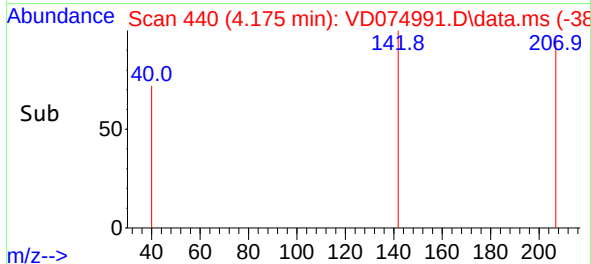
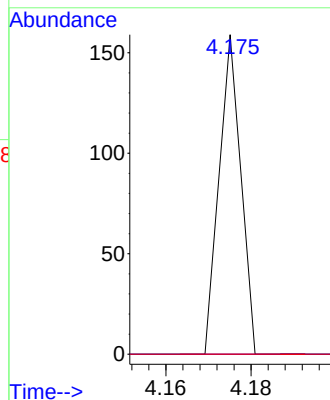
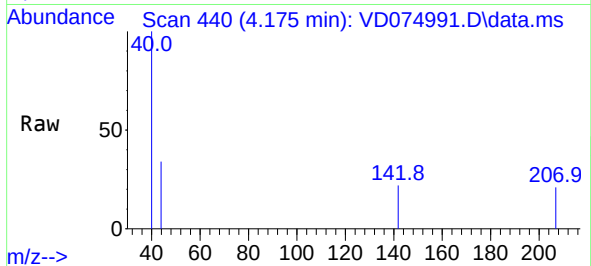




#10
Methyl Iodide
Concen: 4.883 ug/l
RT: 4.175 min Scan# 44
Delta R.T. 0.011 min
Lab File: VD074991.D
Acq: 18 Nov 2022 15:53

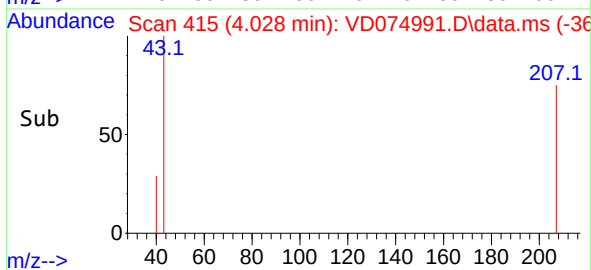
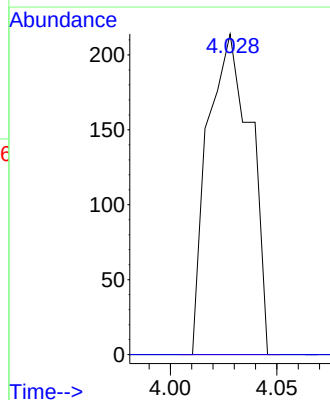
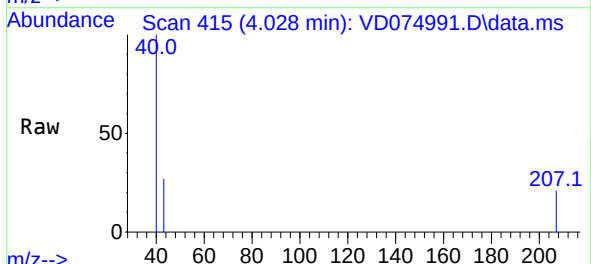
Instrument :
MSVOA_D
ClientSampleId :
CL-02-11622

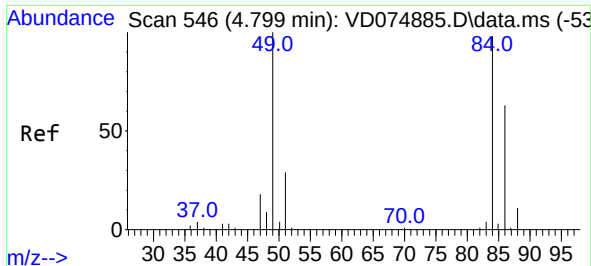
Tgt Ion:142 Resp: 56
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#



#16
Acetone
Concen: 4.941 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.011 min
Lab File: VD074991.D
Acq: 18 Nov 2022 15:53

Tgt Ion: 43 Resp: 300
Ion Ratio Lower Upper
43 100
58 0.0 30.2 45.2#



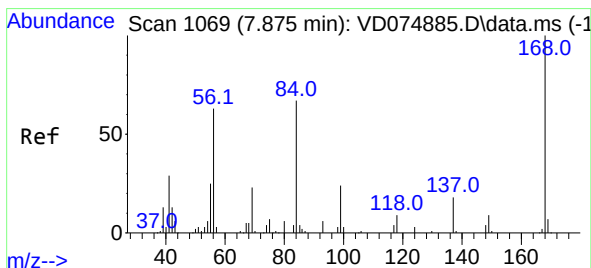
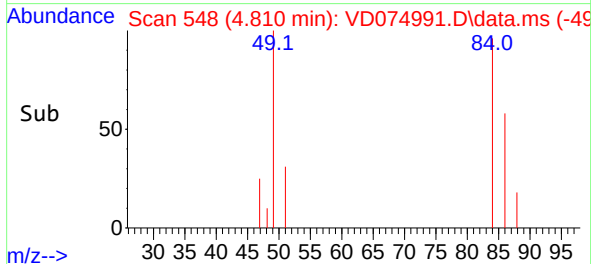
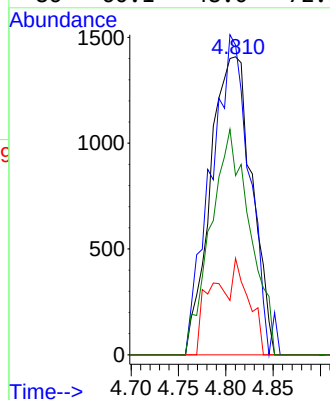
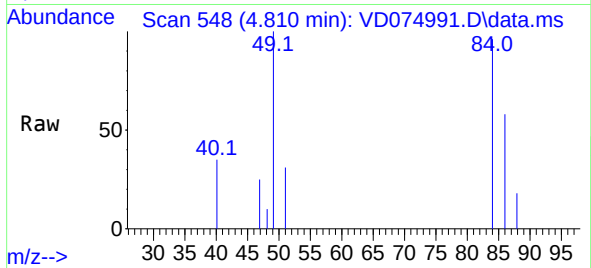


#20
Methylene Chloride
Concen: Below Cal
RT: 4.810 min Scan# 54
Delta R.T. 0.011 min
Lab File: VD074991.D
Acq: 18 Nov 2022 15:53

Instrument :
MSVOA_D
ClientSampleId :
CL-02-11622

Tgt Ion: 84 Resp: 4306

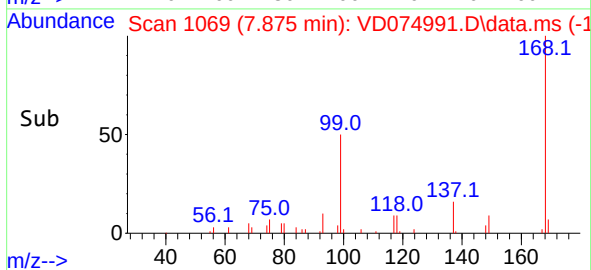
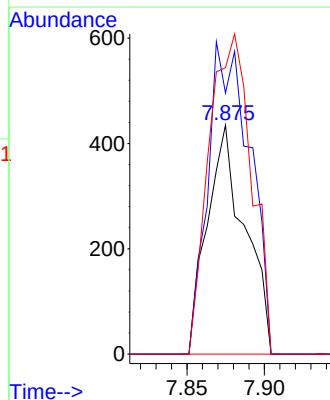
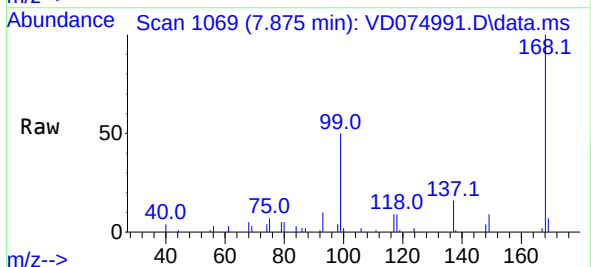
Ion	Ratio	Lower	Upper
84	100		
49	103.9	68.0	102.0#
51	32.4	23.2	34.8
86	60.1	48.0	72.0

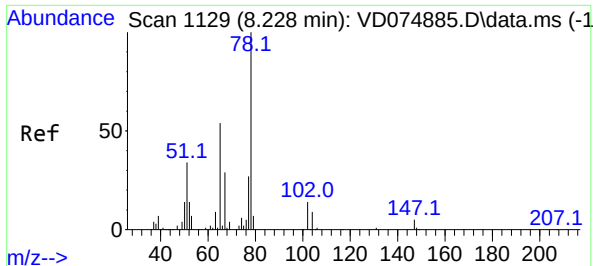


#31
Cyclohexane
Concen: 1.369 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD074991.D
Acq: 18 Nov 2022 15:53

Tgt Ion: 56 Resp: 734

Ion	Ratio	Lower	Upper
56	100		
69	114.0	29.2	43.8#
84	125.1	83.4	125.2





#33

1,2-Dichloroethane-d4

Concen: 170.120 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD074991.D

Acq: 18 Nov 2022 15:53

Instrument :

MSVOA_D

ClientSampleId :

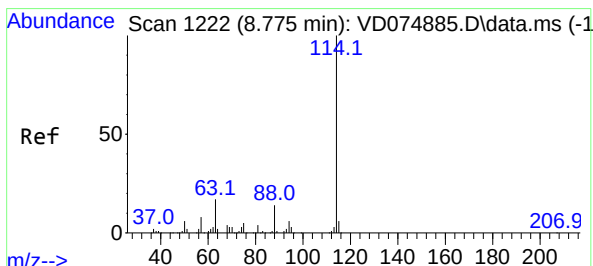
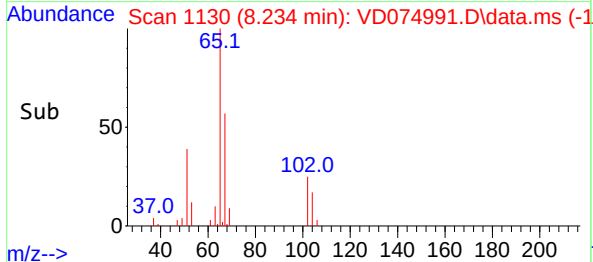
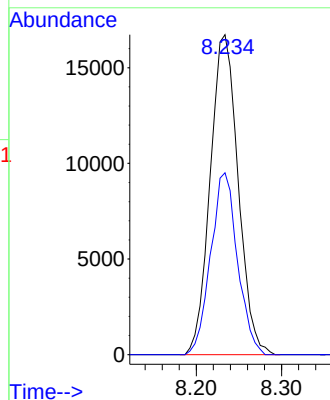
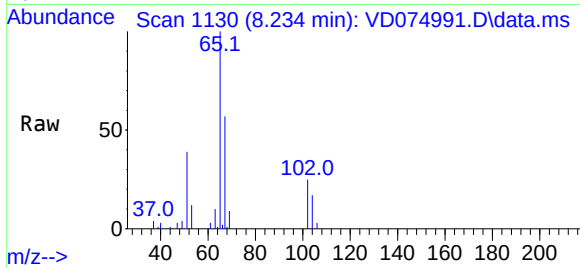
CL-02-11622

Tgt Ion: 65 Resp: 38094

Ion Ratio Lower Upper

65 100

67 54.5 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD074991.D

Acq: 18 Nov 2022 15:53

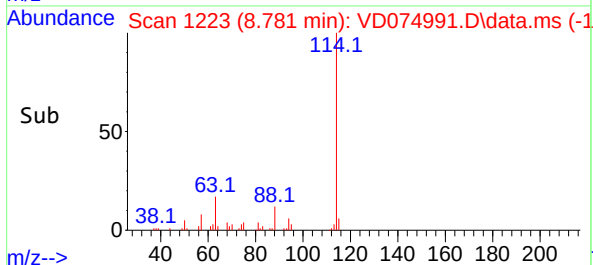
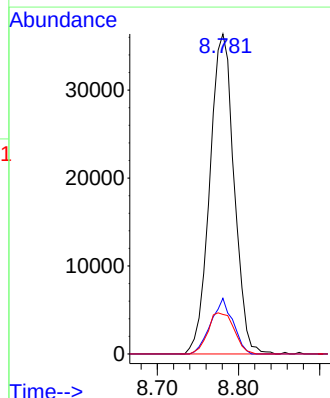
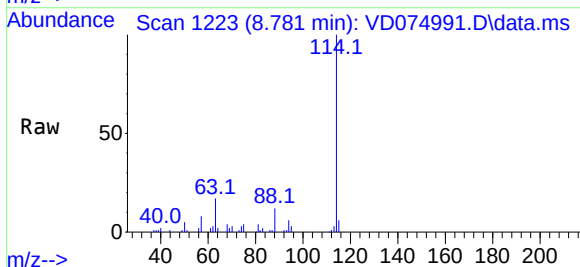
Tgt Ion: 114 Resp: 75531

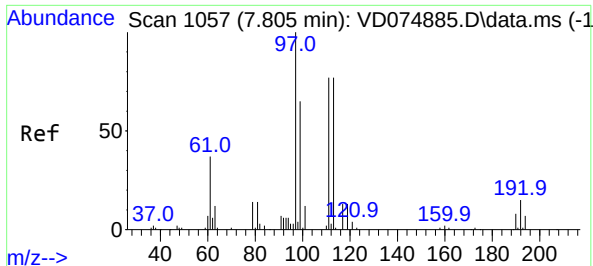
Ion Ratio Lower Upper

114 100

63 17.4 0.0 33.2

88 12.3 0.0 28.2

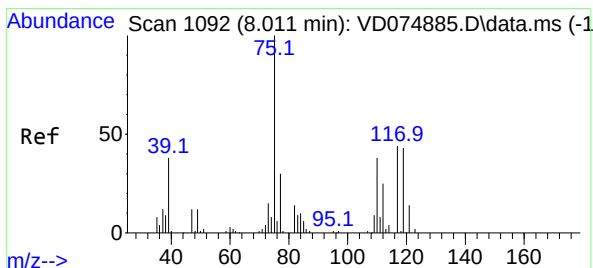
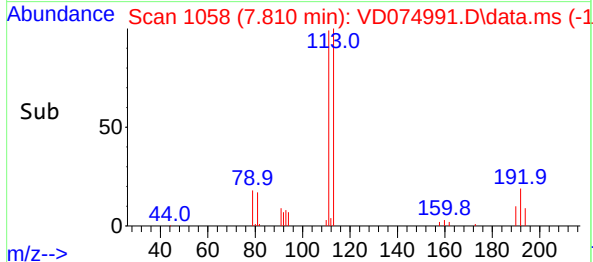
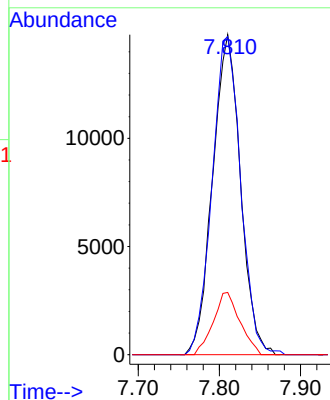
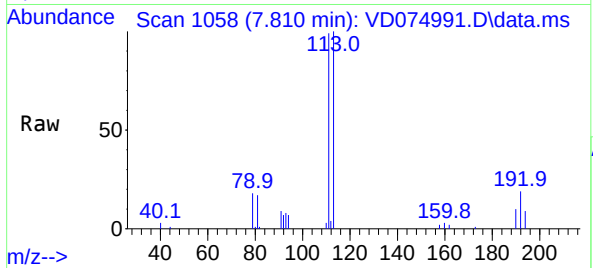




#35
 Dibromofluoromethane
 Concen: 75.701 ug/l
 RT: 7.810 min Scan# 1058
 Delta R.T. 0.005 min
 Lab File: VD074991.D
 Acq: 18 Nov 2022 15:53

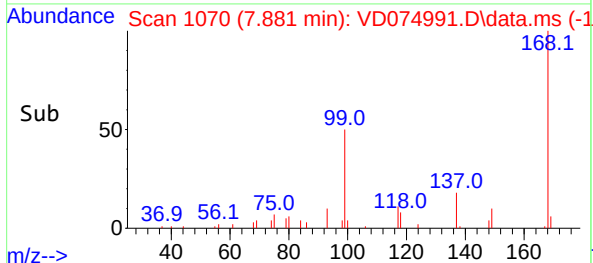
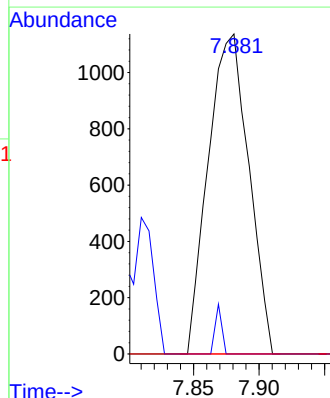
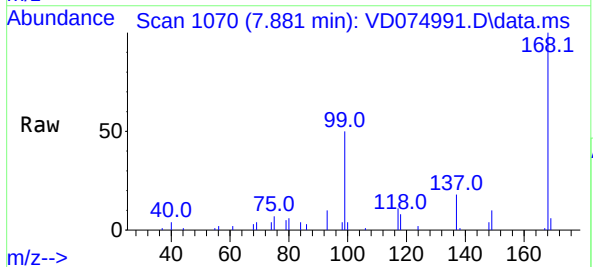
Instrument :
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 CL-02-11622

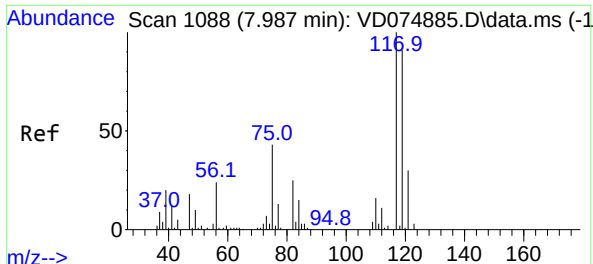
Tgt Ion:113 Resp: 35246
 Ion Ratio Lower Upper
 113 100
 111 101.8 82.3 123.5
 192 18.6 16.4 24.6



#36
 1,1-Dichloropropene
 Concen: 3.575 ug/l
 RT: 7.881 min Scan# 1070
 Delta R.T. -0.130 min
 Lab File: VD074991.D
 Acq: 18 Nov 2022 15:53

Tgt Ion: 75 Resp: 2446
 Ion Ratio Lower Upper
 75 100
 110 2.5 19.7 59.0#
 77 0.0 25.4 38.2#

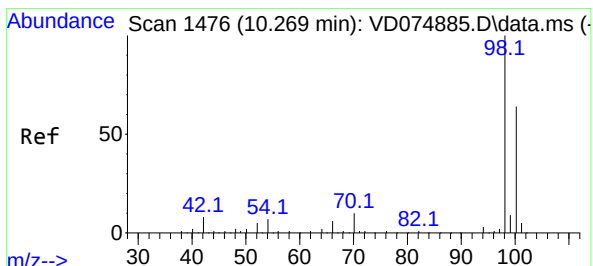
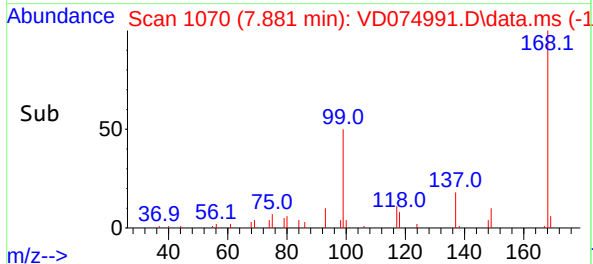
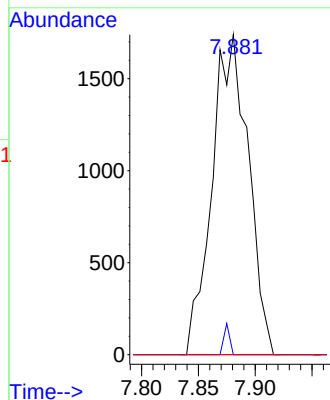
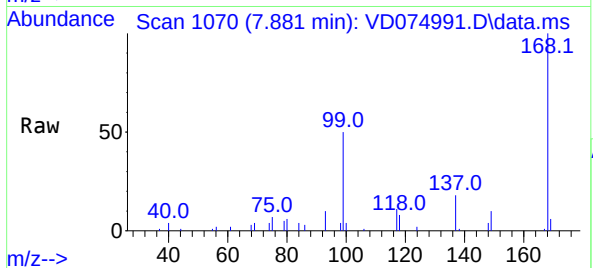




#38
Carbon Tetrachloride
Concen: 5.993 ug/l
RT: 7.881 min Scan# 1088
Delta R.T. -0.106 min
Lab File: VD074991.D
Acq: 18 Nov 2022 15:53

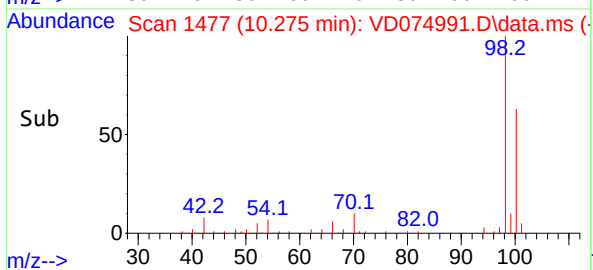
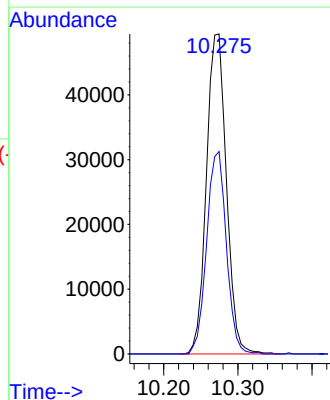
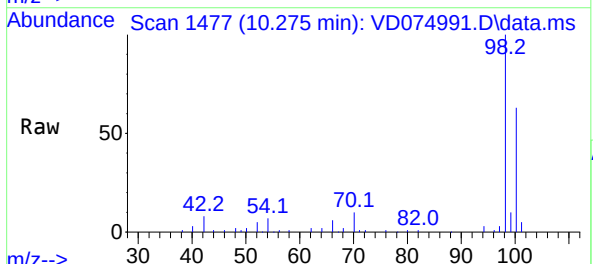
Instrument :
MSVOA_D
ClientSampleId :
CL-02-11622

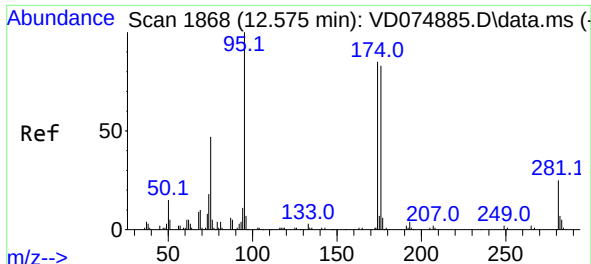
Tgt Ion:117 Resp: 3860
Ion Ratio Lower Upper
117 100
119 0.0 73.1 109.7#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 60.435 ug/l
RT: 10.275 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VD074991.D
Acq: 18 Nov 2022 15:53

Tgt Ion: 98 Resp: 92689
Ion Ratio Lower Upper
98 100
100 62.4 51.4 77.0

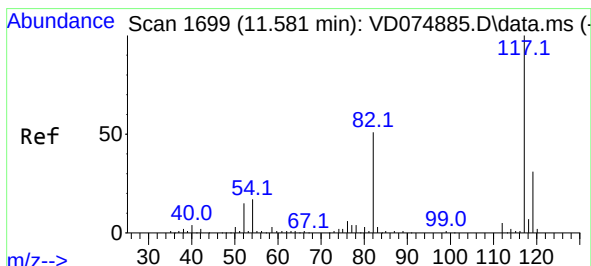
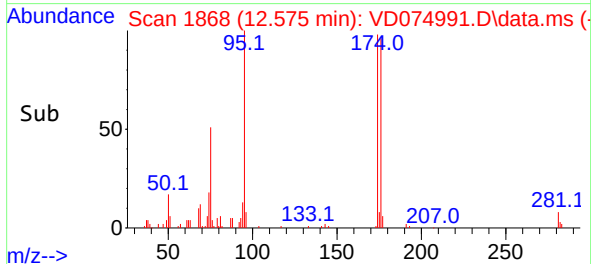
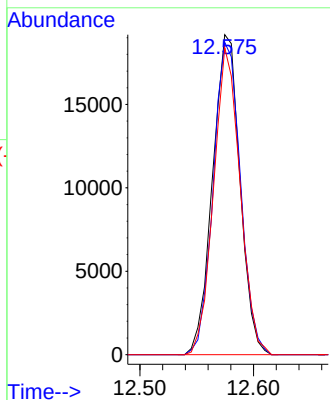
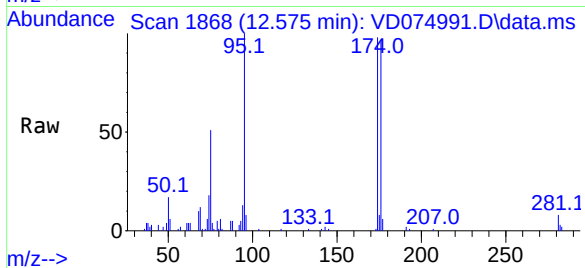




#62
4-Bromofluorobenzene
Concen: 67.991 ug/l
RT: 12.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074991.D
Acq: 18 Nov 2022 15:53

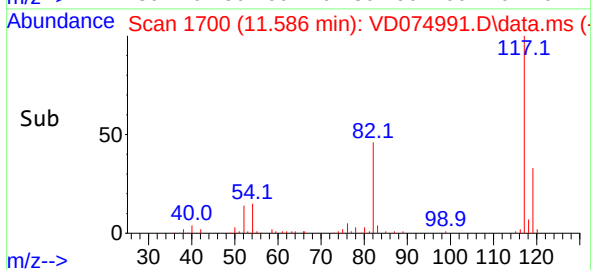
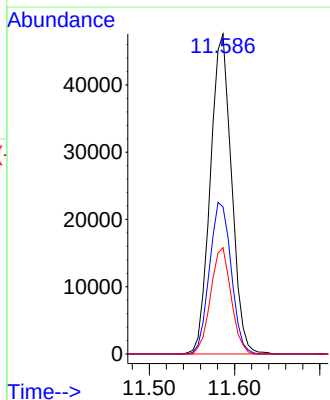
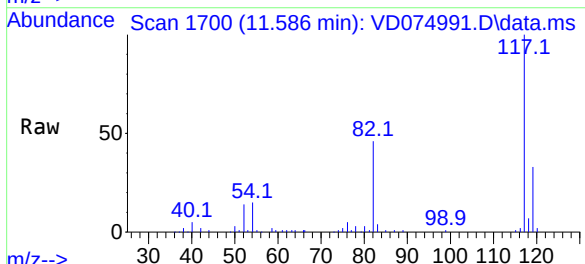
Instrument :
MSVOA_D
ClientSampleId :
CL-02-11622

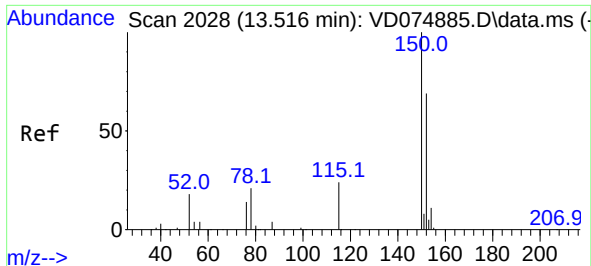
Tgt Ion:	95	Resp:	32020
Ion Ratio	Lower	Upper	
95	100		
174	97.3	0.0	197.0
176	92.9	0.0	182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.586 min Scan# 1700
Delta R.T. 0.005 min
Lab File: VD074991.D
Acq: 18 Nov 2022 15:53

Tgt Ion:	117	Resp:	82249
Ion Ratio	Lower	Upper	
117	100		
82	46.0	41.6	62.4
119	33.2	25.2	37.8

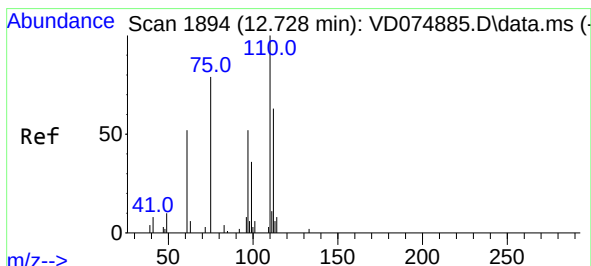
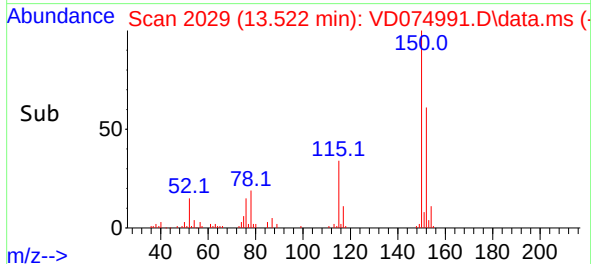
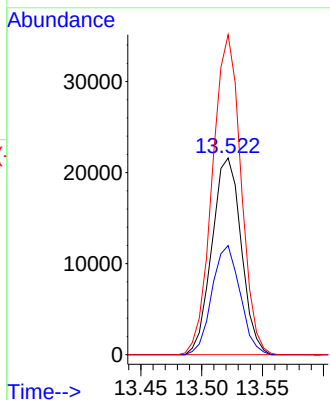
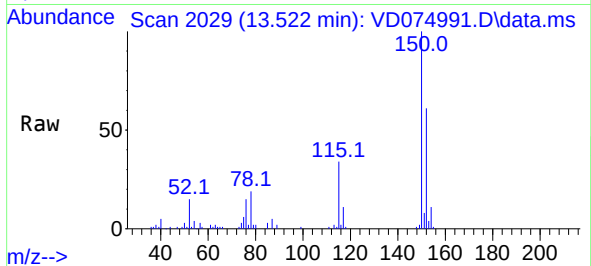




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 20
Delta R.T. 0.006 min
Lab File: VD074991.D
Acq: 18 Nov 2022 15:53

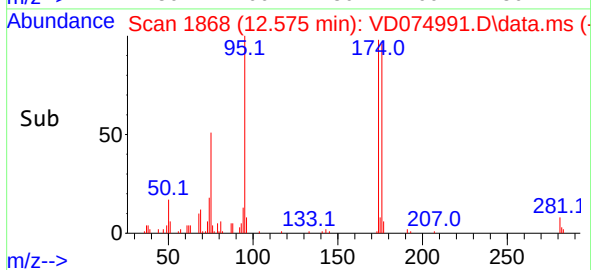
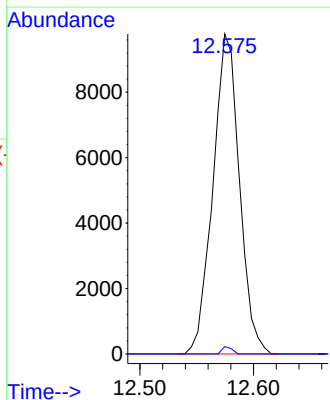
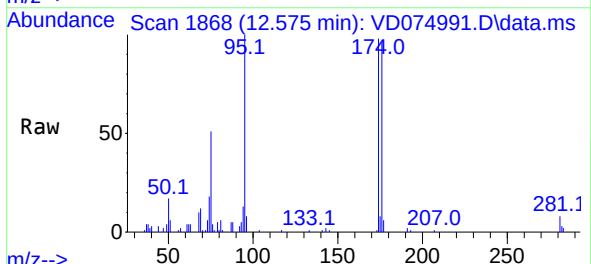
Instrument :
MSVOA_D
ClientSampleId :
CL-02-11622

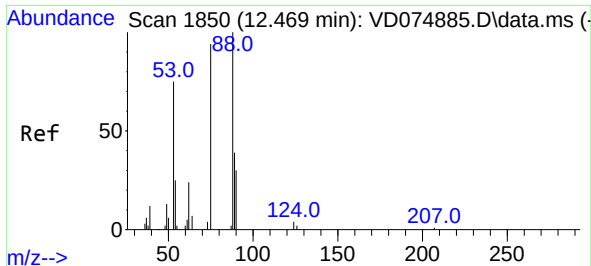
Tgt Ion:152 Resp: 36151
Ion Ratio Lower Upper
152 100
115 53.4 26.8 80.4
150 158.7 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 52.370 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD074991.D
Acq: 18 Nov 2022 15:53

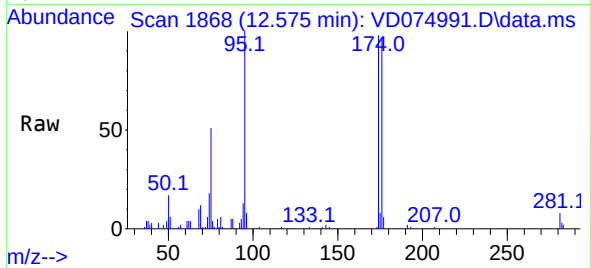
Tgt Ion: 75 Resp: 15835
Ion Ratio Lower Upper
75 100
77 0.9 185.8 557.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 128.832 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD074991.D
 Acq: 18 Nov 2022 15:53

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-02-11622



Tgt Ion: 75 Resp: 15835
 Ion Ratio Lower Upper
 75 100
 53 0.0 63.8 95.6#
 89 0.0 38.2 57.4#

