

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111122\
 Data File : VD074915.D
 Acq On : 12 Nov 2022 04:37
 Operator : VA/SY
 Sample : N5607-11
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-40A

Quant Time: Nov 14 00:59:55 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)

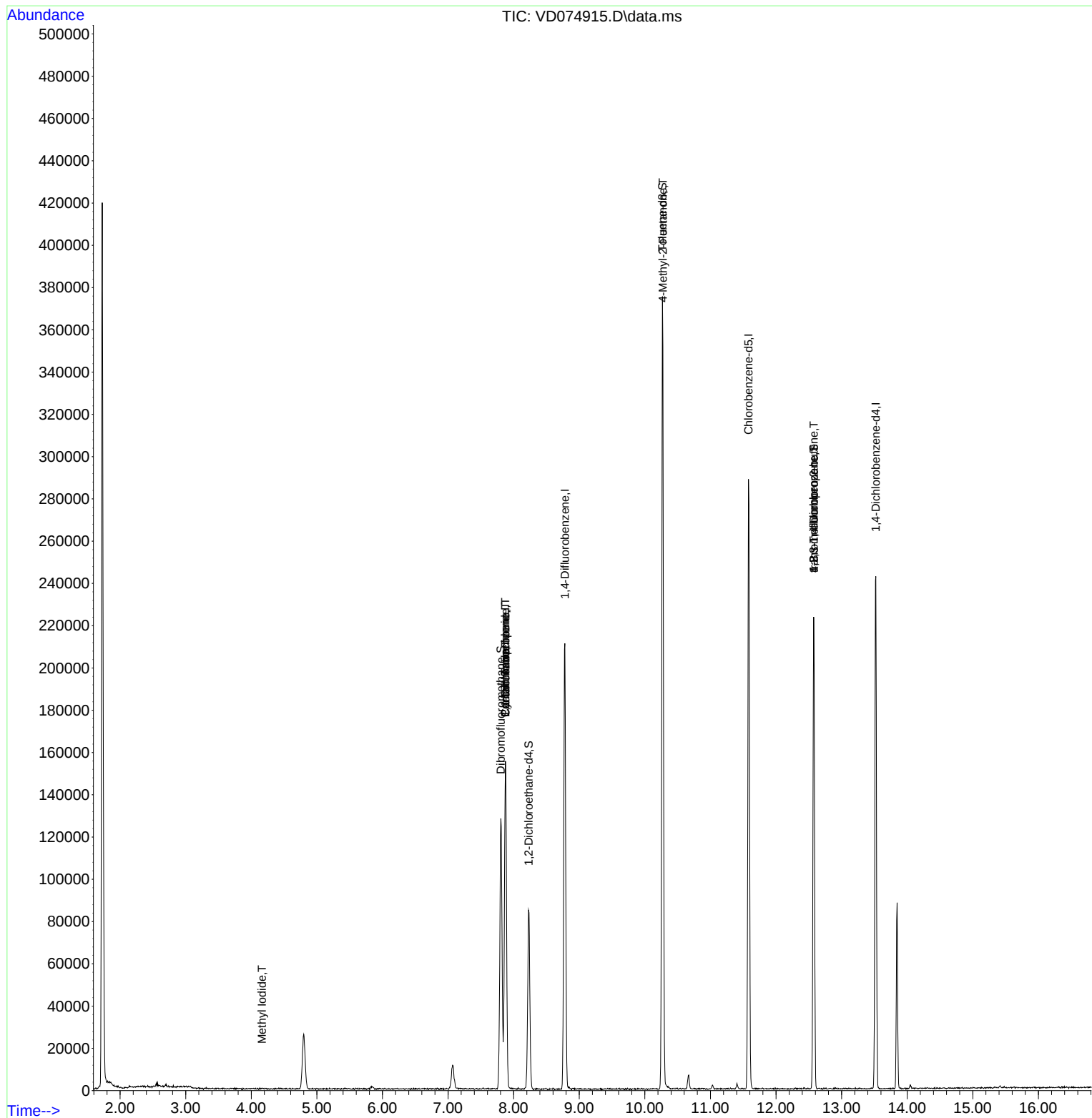
Internal Standards						
1) Pentafluorobenzene	7.875	168	130557	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	205988	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	185911	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	72565	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	66400	80.109	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 160.220%	
35) Dibromofluoromethane	7.804	113	94545	74.458	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 148.920%#	
50) Toluene-d8	10.269	98	271636	64.943	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 129.880%	
62) 4-Bromofluorobenzene	12.575	95	70615	54.981	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 109.960%	
Target Compounds						
3) Chloromethane	2.140	50	521	Below Cal	#	37
5) Bromomethane	2.693	94	810	Below Cal		85
10) Methyl Iodide	4.164	142	73	4.811	ug/l #	43
20) Methylene Chloride	4.799	84	22662	Below Cal		97
31) Cyclohexane	7.875	56	2158	1.134	ug/l #	1
36) 1,1-Dichloropropene	7.875	75	9031	4.839	ug/l #	47
38) Carbon Tetrachloride	7.875	117	12003	6.833	ug/l #	18
51) 4-Methyl-2-Pentanone	10.275	43	734	1.396	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	33381	54.999	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	33381	135.300	ug/l #	17

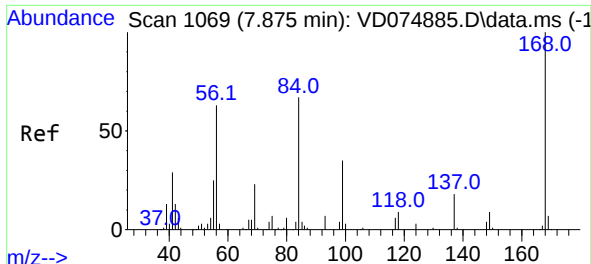
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-40A

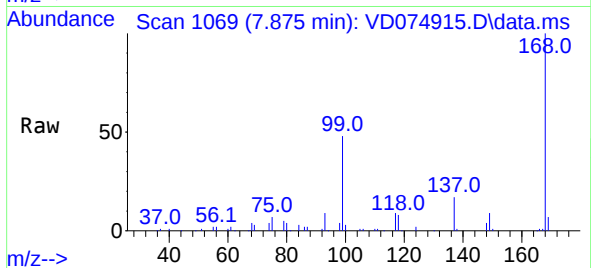
Quant Time: Nov 14 00:59:55 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111122S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 14 00:51:58 2022
Response via : Initial Calibration



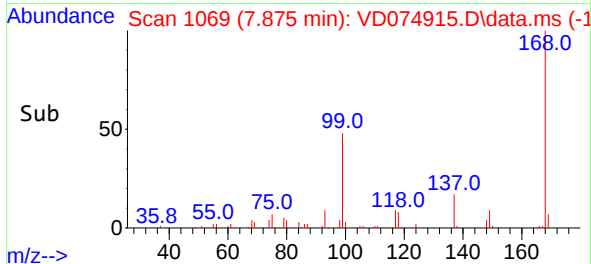
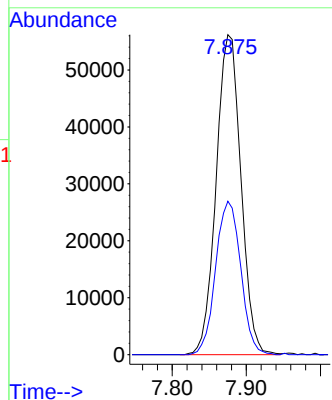


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD074915.D
Acq: 12 Nov 2022 04:37

Instrument :
MSVOA_D
ClientSampleId :
SB-40A

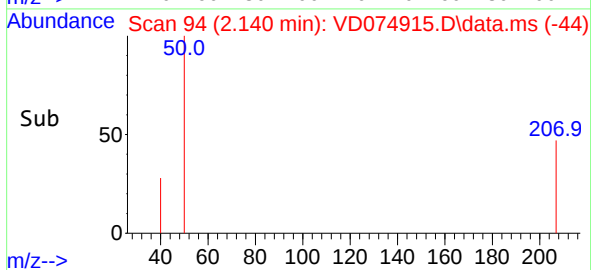
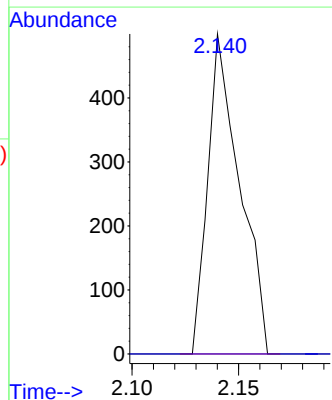
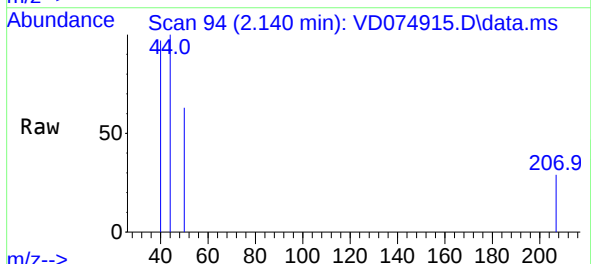


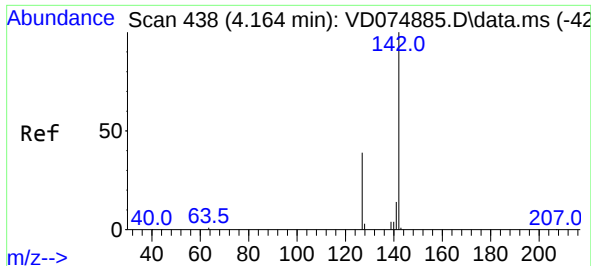
Tgt Ion:168 Resp: 130557
Ion Ratio Lower Upper
168 100
99 48.0 40.9 61.3



#3
Chloromethane
Concen: Below Cal
RT: 2.140 min Scan# 94
Delta R.T. -0.006 min
Lab File: VD074915.D
Acq: 12 Nov 2022 04:37

Tgt Ion: 50 Resp: 521
Ion Ratio Lower Upper
50 100
52 0.0 30.0 45.0#



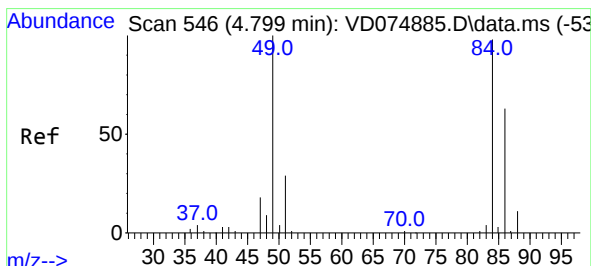
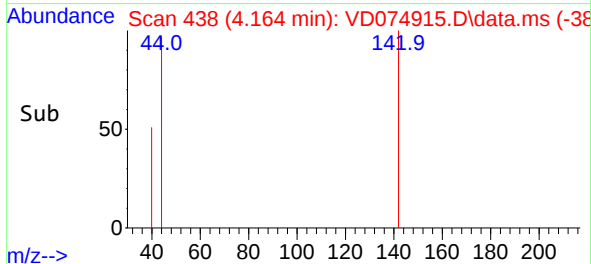
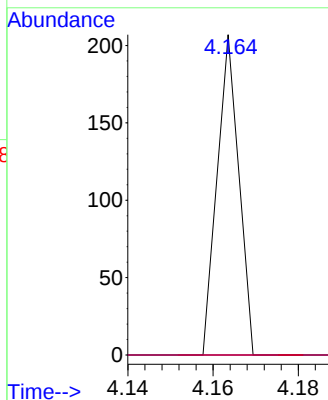
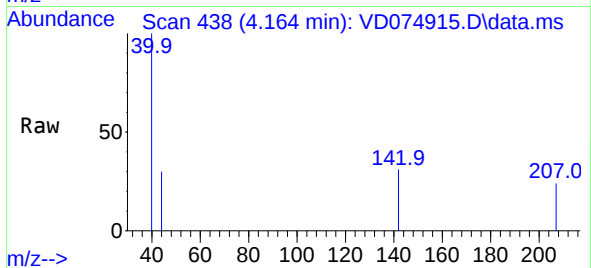


#10
Methyl Iodide
Concen: 4.811 ug/l
RT: 4.164 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD074915.D
Acq: 12 Nov 2022 04:37

Instrument :
MSVOA_D
ClientSampleId :
SB-40A

Tgt Ion:142 Resp: 73

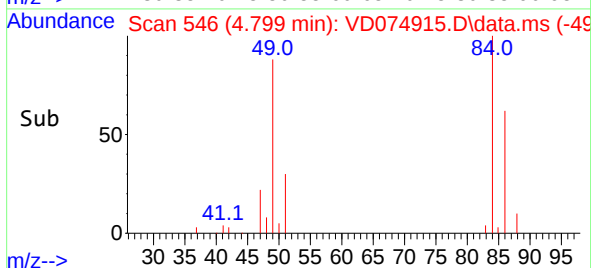
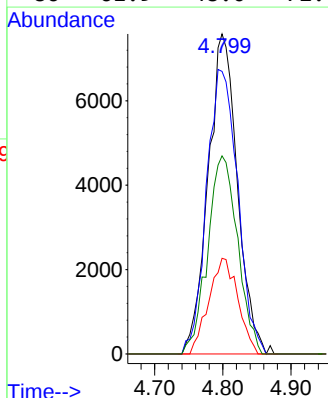
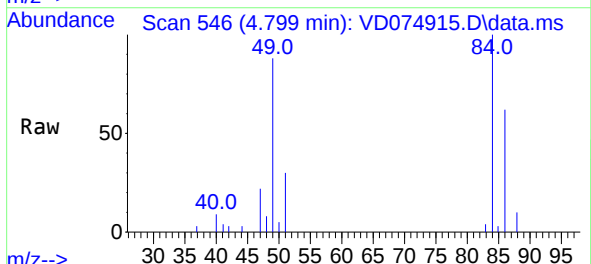
Ion	Ratio	Lower	Upper
142	100		
127	0.0	31.9	47.9#
141	0.0	11.4	17.2#

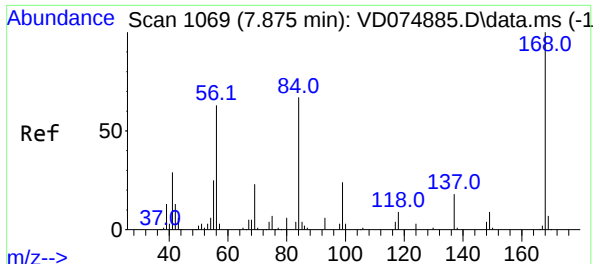


#20
Methylene Chloride
Concen: Below Cal
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD074915.D
Acq: 12 Nov 2022 04:37

Tgt Ion: 84 Resp: 22662

Ion	Ratio	Lower	Upper
84	100		
49	88.3	68.0	102.0
51	29.9	23.2	34.8
86	61.9	48.0	72.0





#31

Cyclohexane

Concen: 1.134 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD074915.D

Acq: 12 Nov 2022 04:37

Instrument :

MSVOA_D

ClientSampleId :

SB-40A

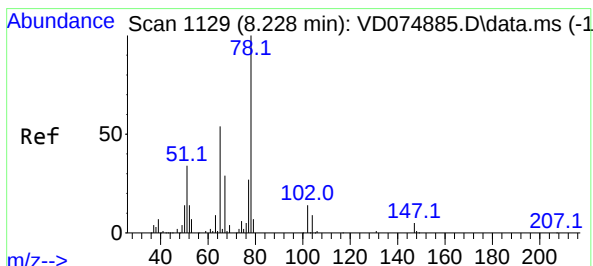
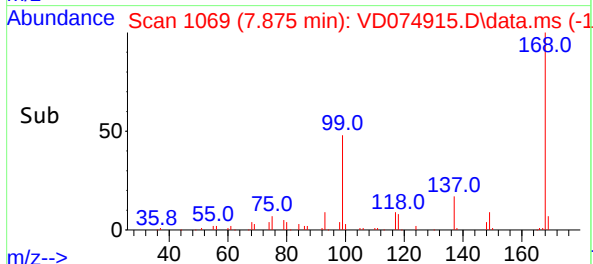
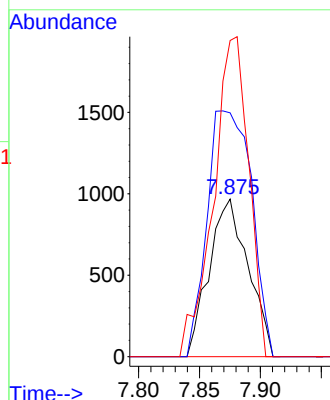
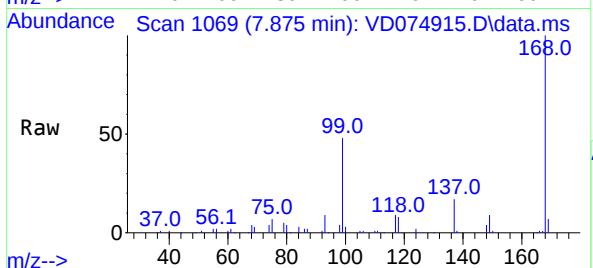
Tgt Ion: 56 Resp: 2158

Ion Ratio Lower Upper

56 100

69 154.6 29.2 43.8#

84 200.5 83.4 125.2#



#33

1,2-Dichloroethane-d4

Concen: 80.109 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD074915.D

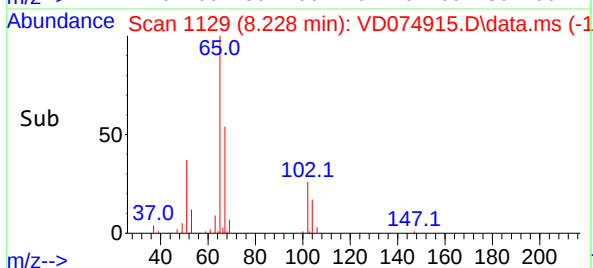
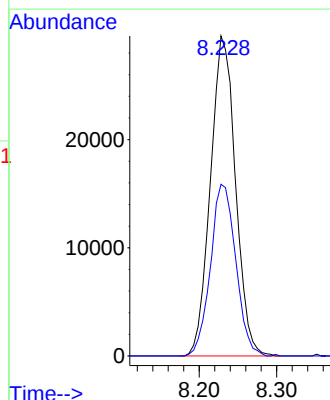
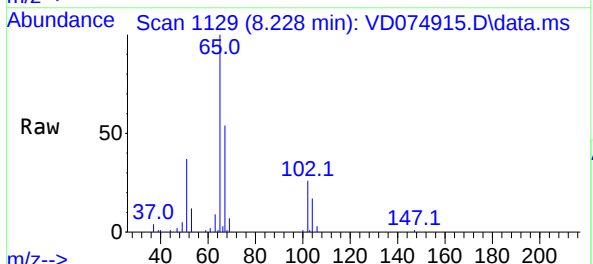
Acq: 12 Nov 2022 04:37

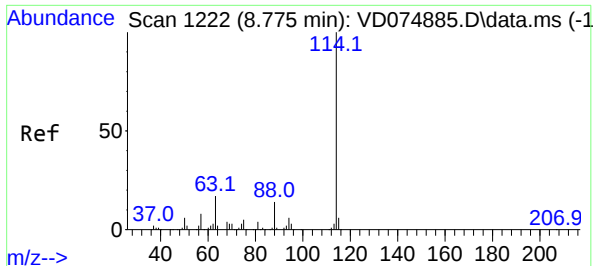
Tgt Ion: 65 Resp: 66400

Ion Ratio Lower Upper

65 100

67 54.2 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD074915.D

Acq: 12 Nov 2022 04:37

Instrument :

MSVOA_D

ClientSampleId :

SB-40A

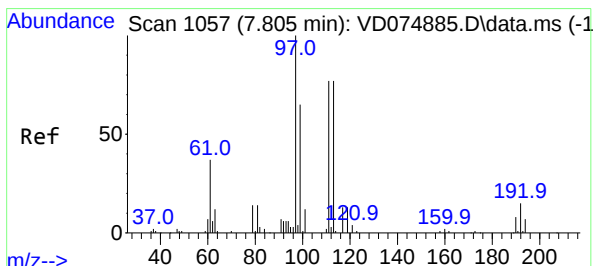
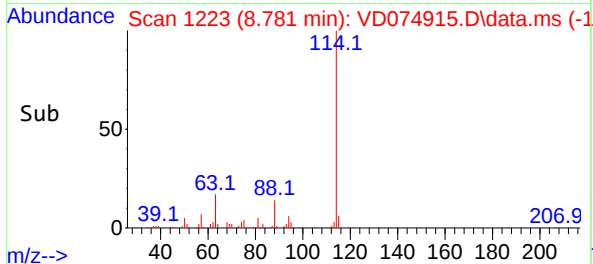
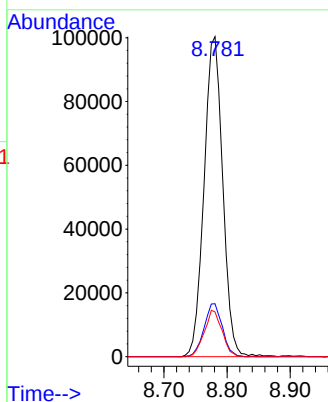
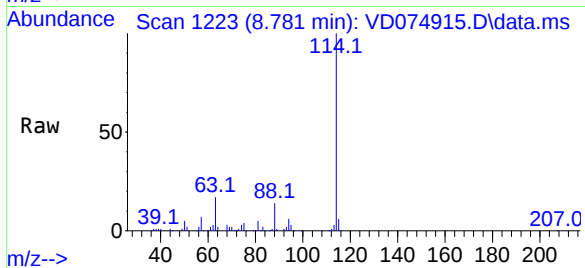
Tgt Ion:114 Resp: 205988

Ion Ratio Lower Upper

114 100

63 16.5 0.0 33.2

88 14.0 0.0 28.2



#35

Dibromofluoromethane

Concen: 74.458 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD074915.D

Acq: 12 Nov 2022 04:37

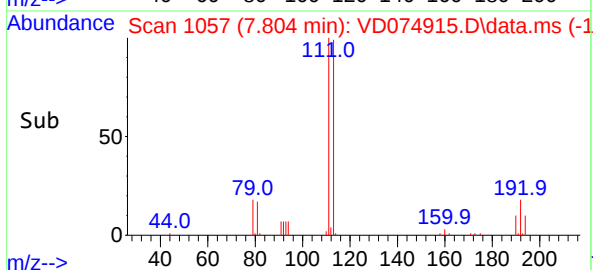
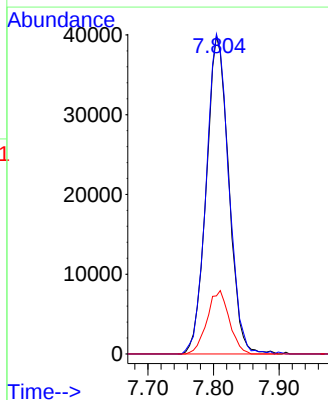
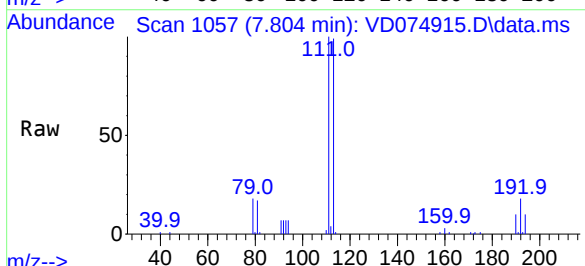
Tgt Ion:113 Resp: 94545

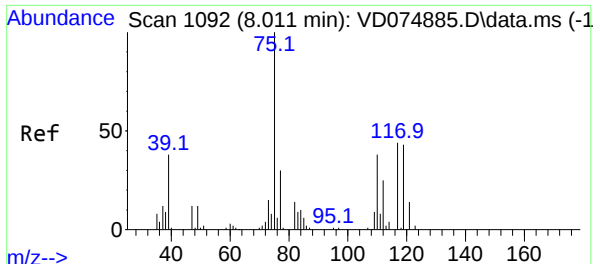
Ion Ratio Lower Upper

113 100

111 101.5 82.3 123.5

192 19.7 16.4 24.6

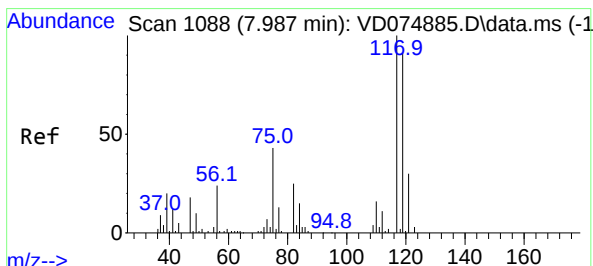
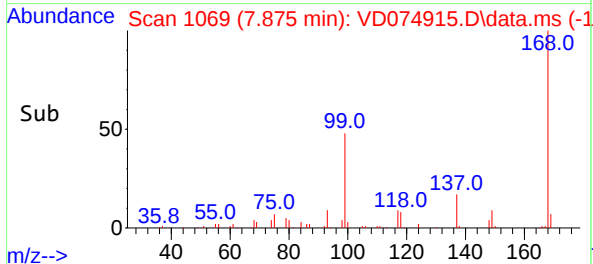
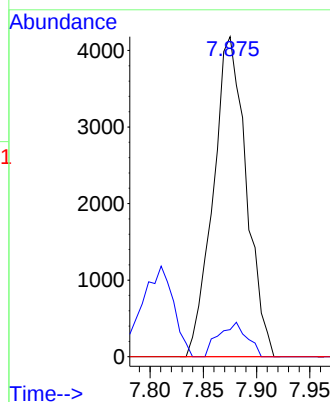
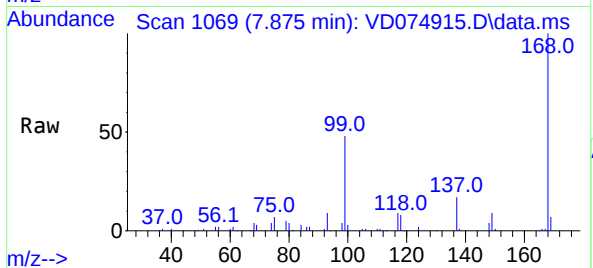




#36
1,1-Dichloropropene
Concen: 4.839 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.136 min
Lab File: VD074915.D
Acq: 12 Nov 2022 04:37

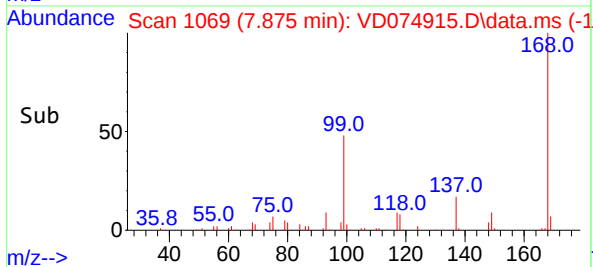
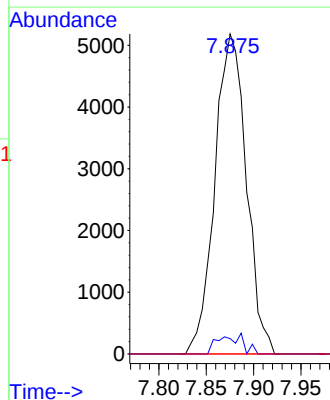
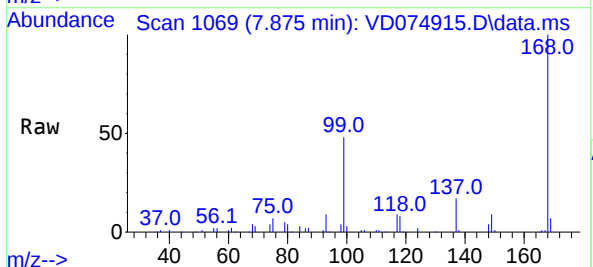
Instrument :
MSVOA_D
ClientSampleId :
SB-40A

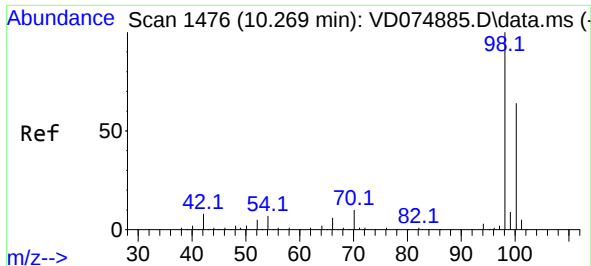
Tgt Ion: 75 Resp: 9031
Ion Ratio Lower Upper
75 100
110 9.1 19.7 59.0#
77 0.0 25.4 38.2#



#38
Carbon Tetrachloride
Concen: 6.833 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.112 min
Lab File: VD074915.D
Acq: 12 Nov 2022 04:37

Tgt Ion: 117 Resp: 12003
Ion Ratio Lower Upper
117 100
119 4.8 73.1 109.7#
121 0.0 25.0 37.6#

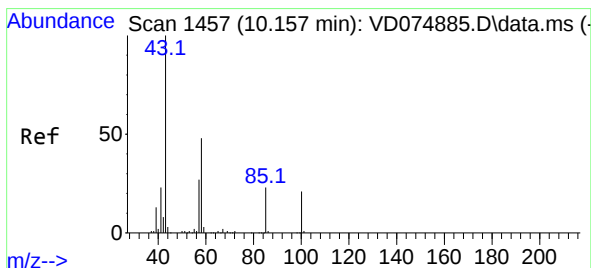
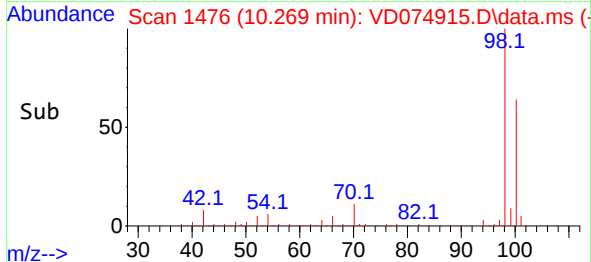
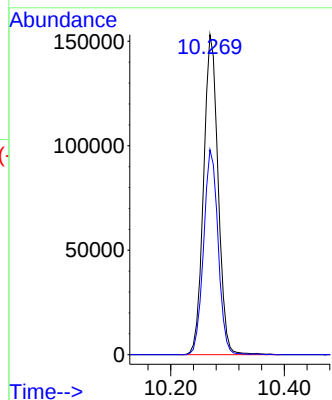
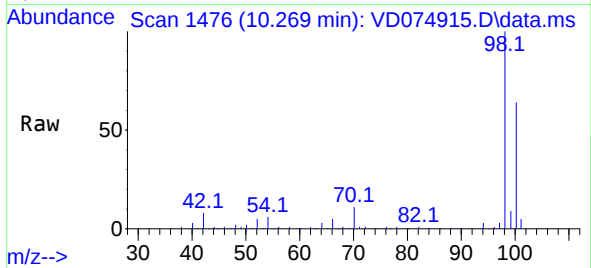




#50
Toluene-d8
Concen: 64.943 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074915.D
Acq: 12 Nov 2022 04:37

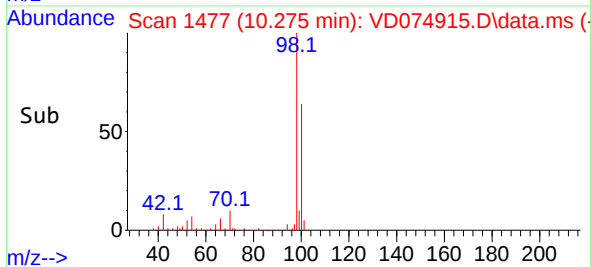
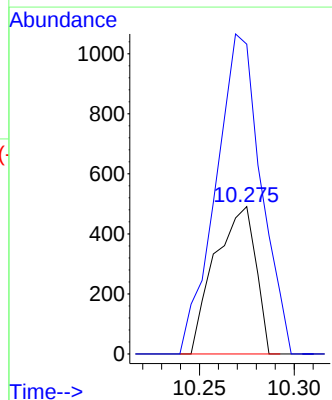
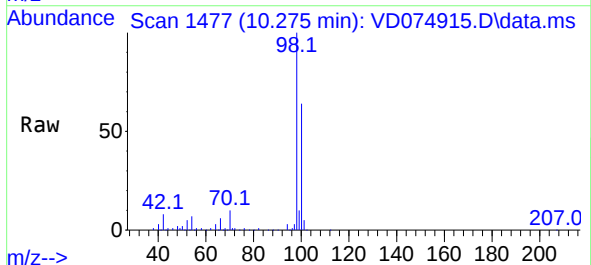
Instrument :
MSVOA_D
ClientSampleId :
SB-40A

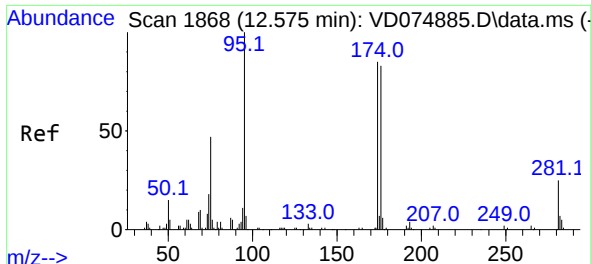
Tgt Ion: 98 Resp: 271636
Ion Ratio Lower Upper
98 100
100 63.9 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 1.396 ug/l
RT: 10.275 min Scan# 1477
Delta R.T. 0.118 min
Lab File: VD074915.D
Acq: 12 Nov 2022 04:37

Tgt Ion: 43 Resp: 734
Ion Ratio Lower Upper
43 100
58 241.7 37.8 56.6#



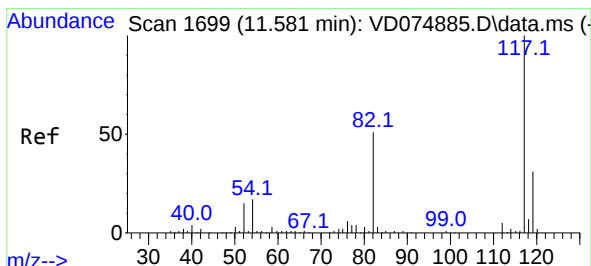
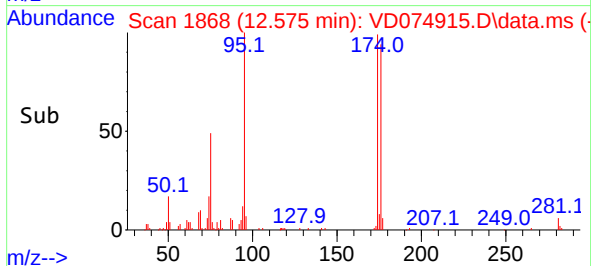
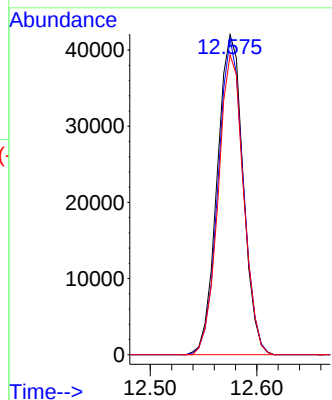
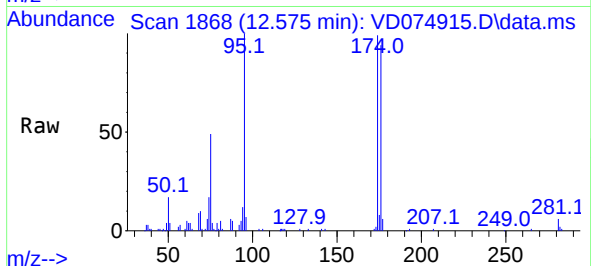


#62
4-Bromofluorobenzene
Concen: 54.981 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074915.D
Acq: 12 Nov 2022 04:37

Instrument :
MSVOA_D
ClientSampleId :
SB-40A

Tgt Ion: 95 Resp: 70615

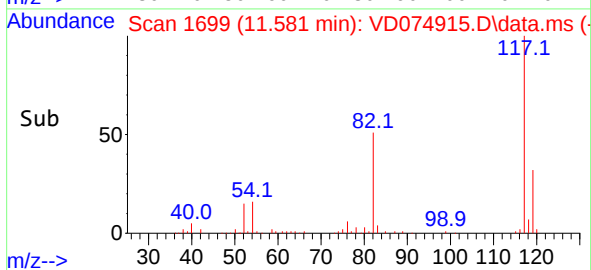
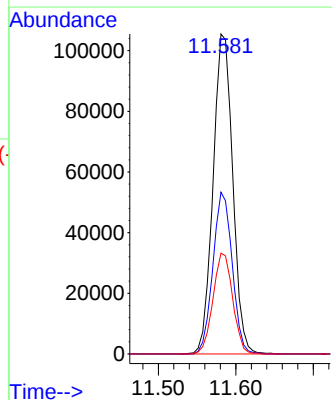
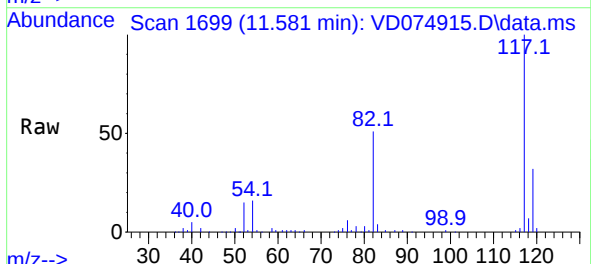
Ion	Ratio	Lower	Upper
95	100		
174	95.6	0.0	197.0
176	91.8	0.0	182.6

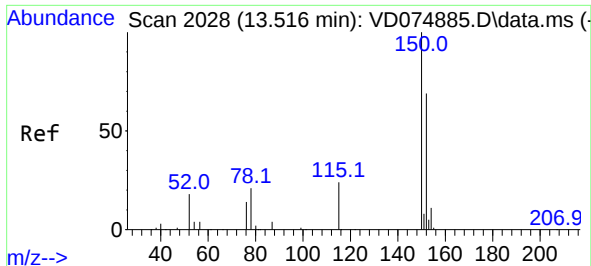


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074915.D
Acq: 12 Nov 2022 04:37

Tgt Ion: 117 Resp: 185911

Ion	Ratio	Lower	Upper
117	100		
82	50.6	41.6	62.4
119	31.5	25.2	37.8

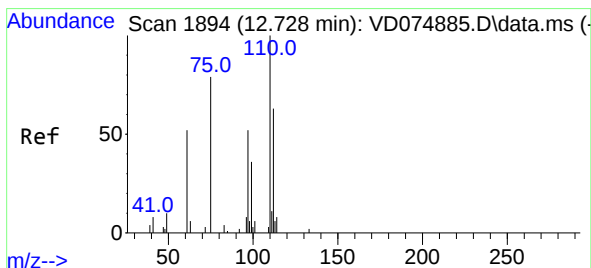
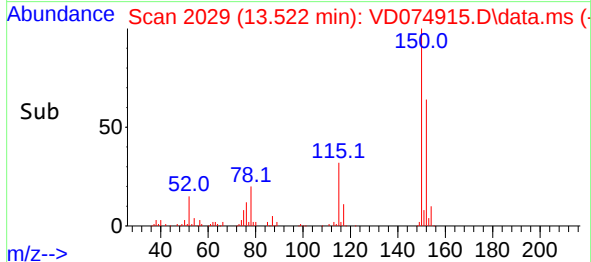
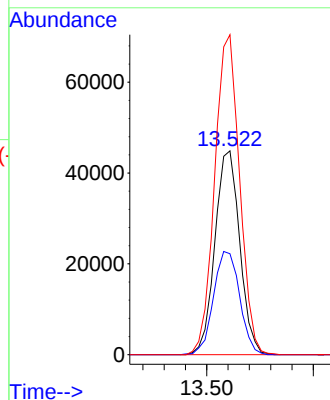
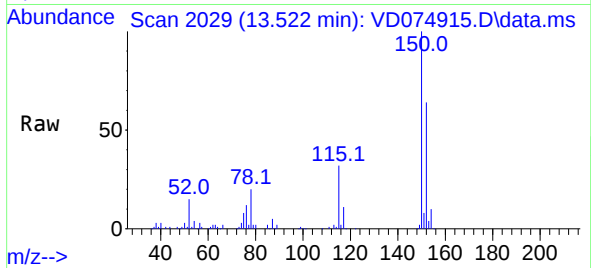




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 20
Delta R.T. 0.006 min
Lab File: VD074915.D
Acq: 12 Nov 2022 04:37

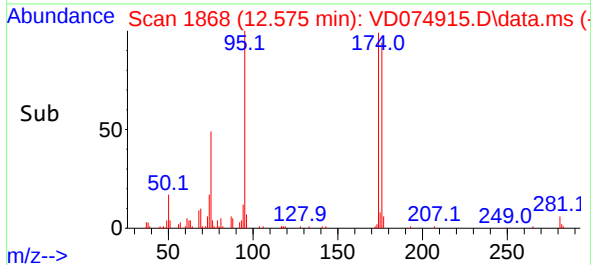
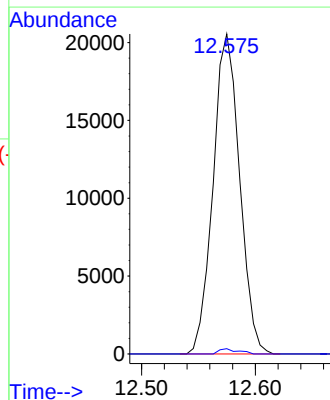
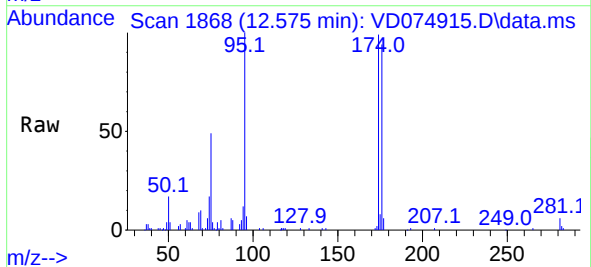
Instrument :
MSVOA_D
ClientSampleId :
SB-40A

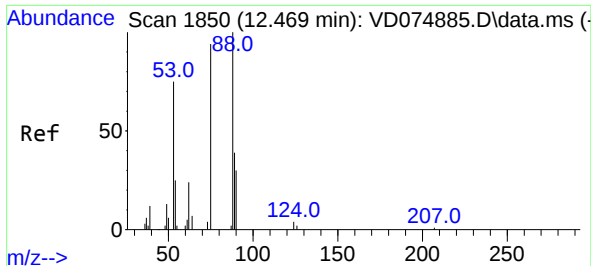
Tgt Ion:152 Resp: 72565
Ion Ratio Lower Upper
152 100
115 53.4 26.8 80.4
150 157.7 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 54.999 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD074915.D
Acq: 12 Nov 2022 04:37

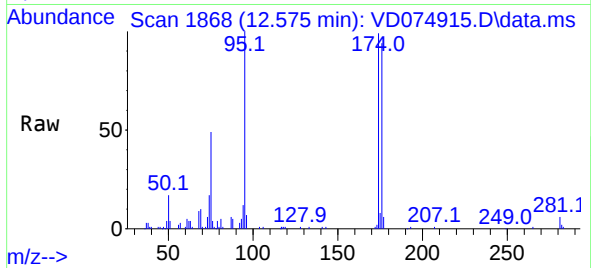
Tgt Ion: 75 Resp: 33381
Ion Ratio Lower Upper
75 100
77 1.2 185.8 557.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 135.300 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD074915.D
 Acq: 12 Nov 2022 04:37

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-40A



Tgt Ion: 75 Resp: 33381
 Ion Ratio Lower Upper
 75 100
 53 0.0 63.8 95.6#
 89 0.0 38.2 57.4#

