

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080524\
 Data File : VD079595.D
 Acq On : 05 Aug 2024 23:40
 Operator : RP/MD
 Sample : VD0805SBL02
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 06 02:51:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:50:47 2024
 Response via : Initial Calibration

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

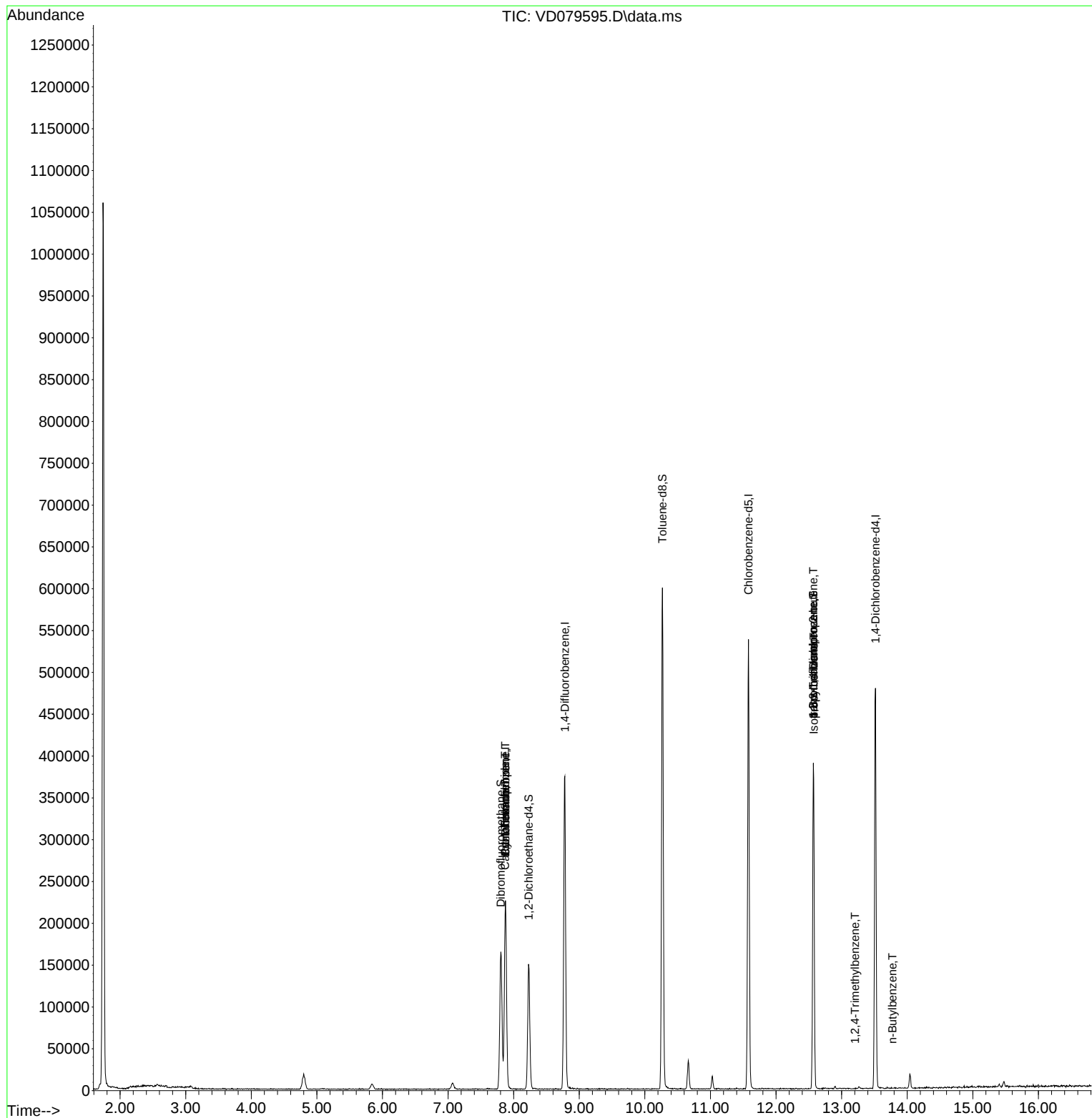
Internal Standards						
1) Pentafluorobenzene	7.875	168	178061	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	344349	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	309755	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	134493	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	114900	63.518	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 127.040%			
35) Dibromofluoromethane	7.804	113	120709	51.791	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.580%			
50) Toluene-d8	10.269	98	432067	47.737	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 95.480%			
62) 4-Bromofluorobenzene	12.569	95	114398	43.677	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 87.360%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.669	94	55	Below Cal	#	2
11) Tert butyl alcohol	5.058	59	135	Below Cal	#	86
20) Methylene Chloride	4.799	84	13661	Below Cal	#	92
31) Cyclohexane	7.875	56	4013	1.336	ug/l #	34
36) 1,1-Dichloropropene	7.875	75	14430	4.536	ug/l #	45
38) Carbon Tetrachloride	7.869	117	18301	5.473	ug/l #	18
73) Isopropylbenzene	12.575	105	169	3.643	ug/l #	48
76) 1,2,3-Trichloropropane	12.569	75	57987	49.325	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	57987	94.077	ug/l #	19
84) 1,2,4-Trimethylbenzene	13.204	105	184	3.449	ug/l #	29
89) n-Butylbenzene	13.775	91	156	3.799	ug/l #	75

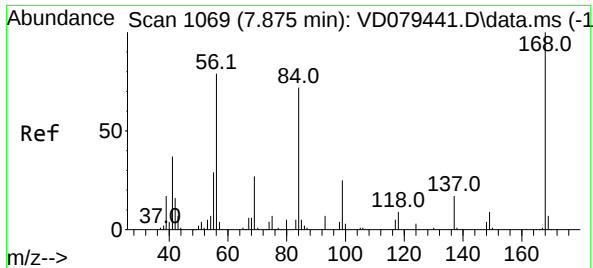
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080524\
Data File : VD079595.D
Acq On : 05 Aug 2024 23:40
Operator : RP/MD
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Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

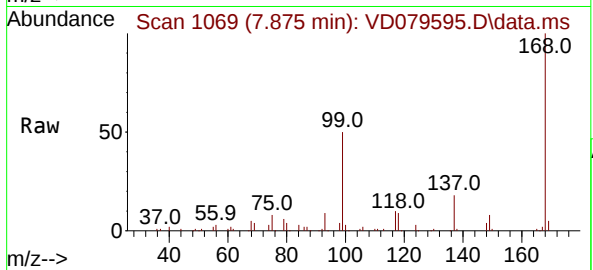
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:50:47 2024
Response via : Initial Calibration



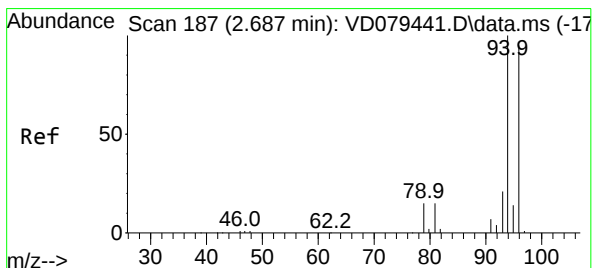
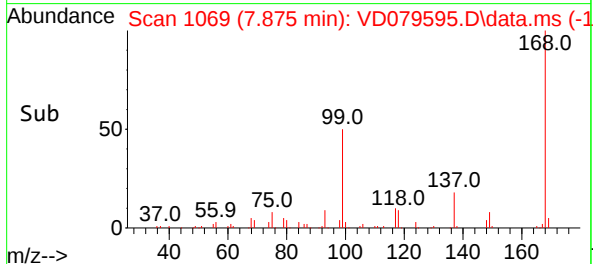
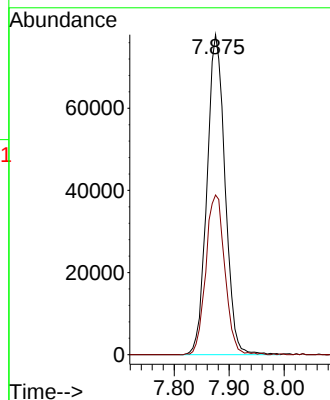


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079595.D
Acq: 05 Aug 2024 23:40

Instrument :
MSVOA_D
ClientSampleId :

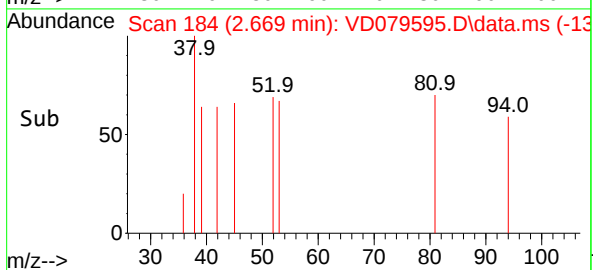
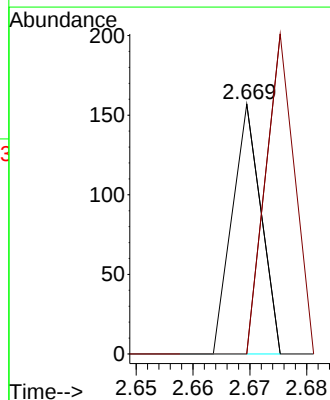
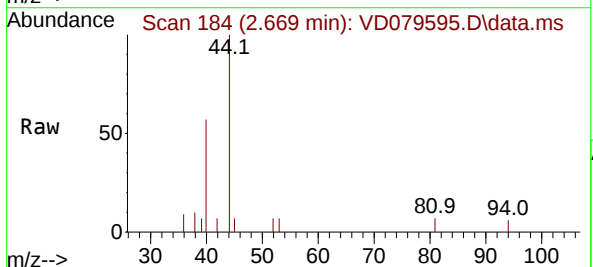


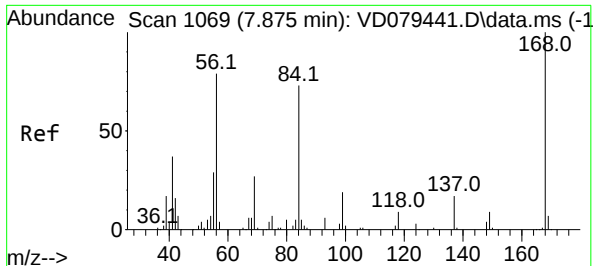
Tgt Ion:168 Resp: 178061
Ion Ratio Lower Upper
168 100
99 49.9 41.1 61.7



#5
Bromomethane
Concen: Below Cal
RT: 2.669 min Scan# 184
Delta R.T. -0.018 min
Lab File: VD079595.D
Acq: 05 Aug 2024 23:40

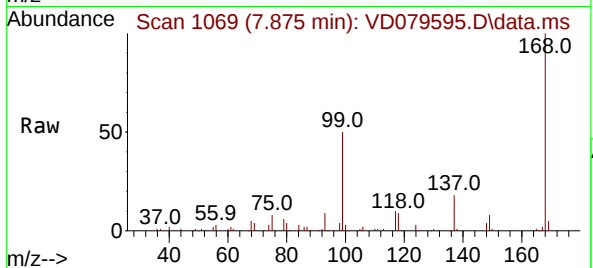
Tgt Ion: 94 Resp: 55
Ion Ratio Lower Upper
94 100
96 0.0 76.9 115.3#



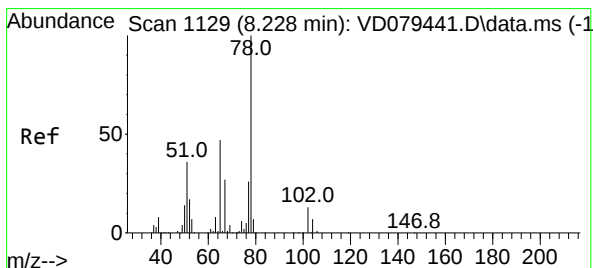
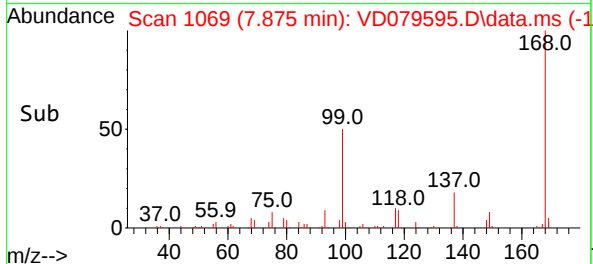
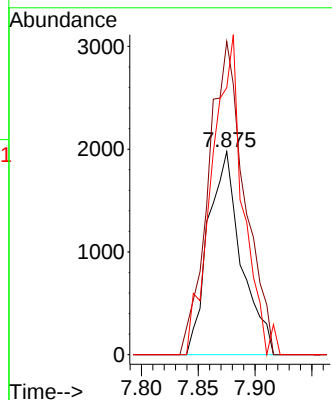


#31
Cyclohexane
Concen: 1.336 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD079595.D
Acq: 05 Aug 2024 23:40

Instrument :
MSVOA_D
ClientSampleId :

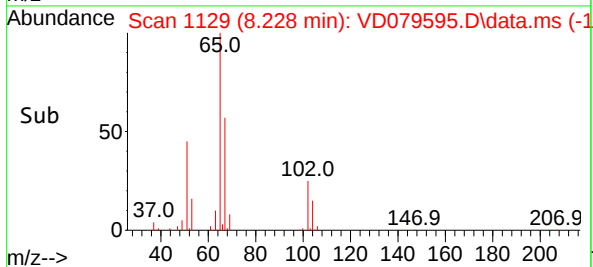
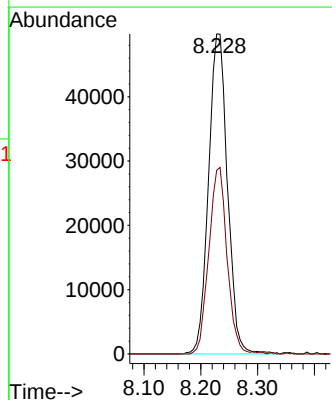
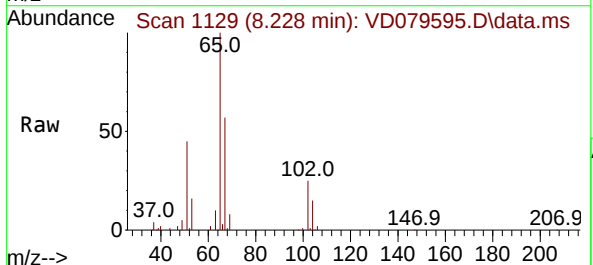


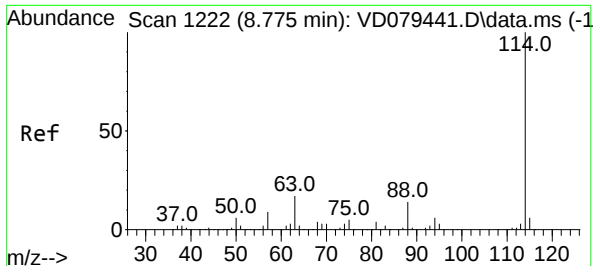
Tgt Ion: 56 Resp: 4013
Ion Ratio Lower Upper
56 100
69 154.2 28.0 42.0#
84 131.5 87.4 131.0#



#33
1,2-Dichloroethane-d4
Concen: 63.518 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD079595.D
Acq: 05 Aug 2024 23:40

Tgt Ion: 65 Resp: 114900
Ion Ratio Lower Upper
65 100
67 56.3 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD079595.D

Acq: 05 Aug 2024 23:40

Instrument :

MSVOA_D

ClientSampleId :

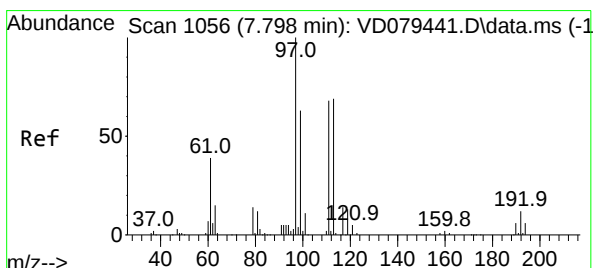
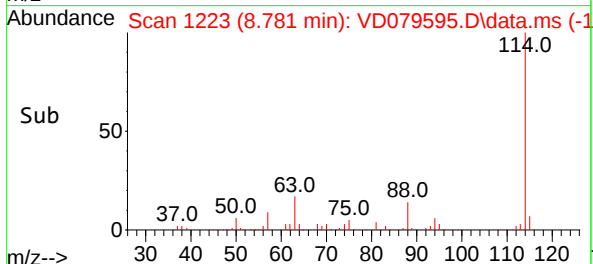
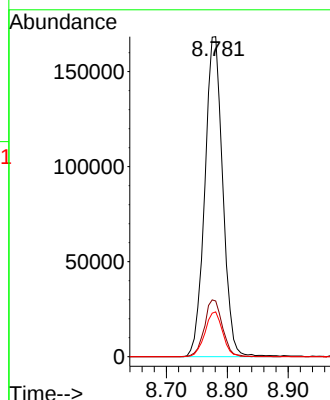
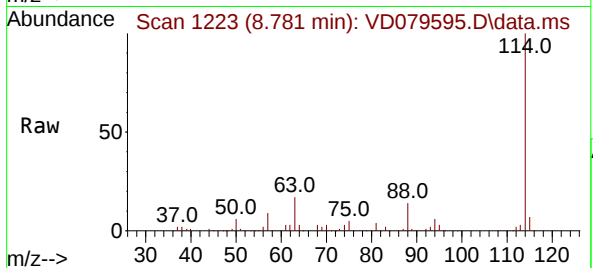
Tgt Ion:114 Resp: 344349

Ion Ratio Lower Upper

114 100

63 17.4 0.0 34.0

88 14.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 51.791 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079595.D

Acq: 05 Aug 2024 23:40

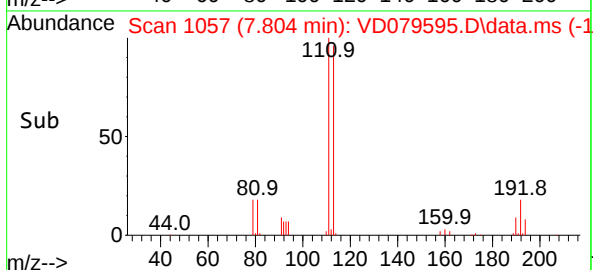
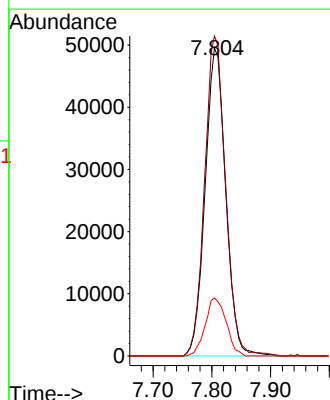
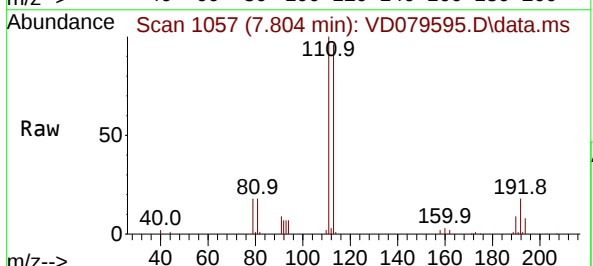
Tgt Ion:113 Resp: 120709

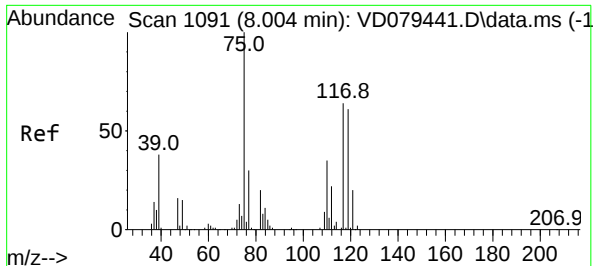
Ion Ratio Lower Upper

113 100

111 105.3 84.0 126.0

192 19.1 15.4 23.0

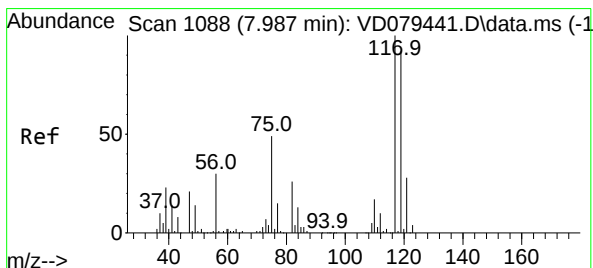
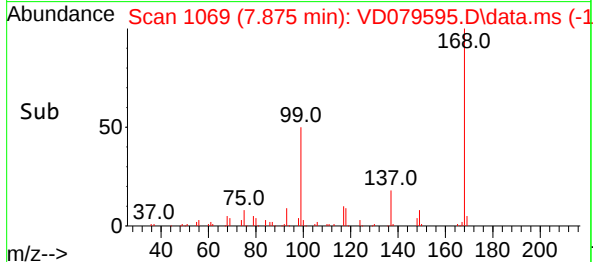
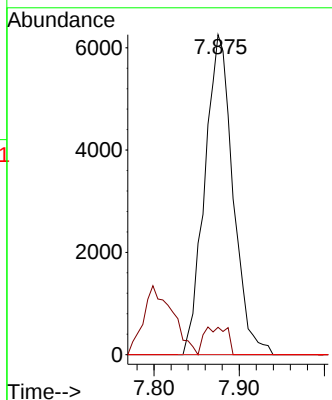
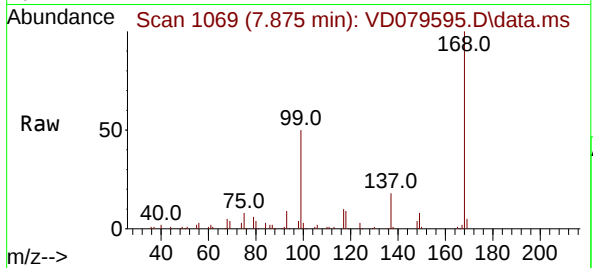




#36
1,1-Dichloropropene
Concen: 4.536 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.135 min
Lab File: VD079595.D
Acq: 05 Aug 2024 23:40

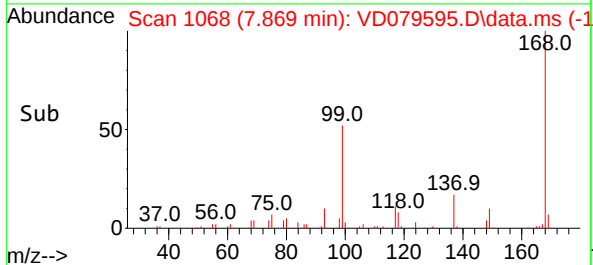
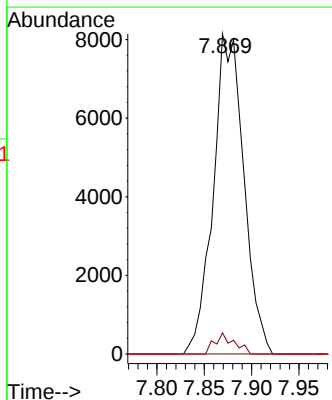
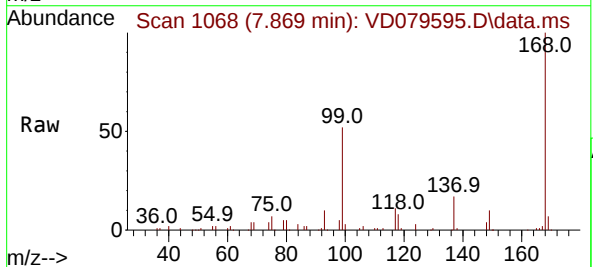
Instrument :
MSVOA_D
ClientSampleId :

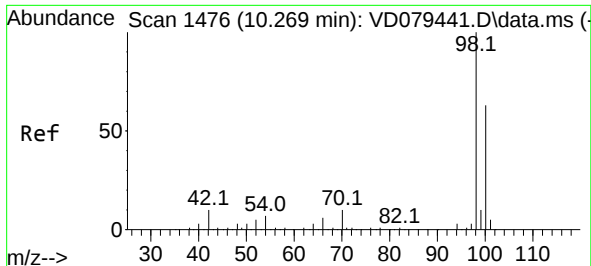
Tgt Ion: 75 Resp: 14430
Ion Ratio Lower Upper
75 100
110 7.1 19.6 58.7#
77 0.0 26.1 39.1#



#38
Carbon Tetrachloride
Concen: 5.473 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.118 min
Lab File: VD079595.D
Acq: 05 Aug 2024 23:40

Tgt Ion: 117 Resp: 18301
Ion Ratio Lower Upper
117 100
119 6.6 75.4 113.0#
121 0.0 25.0 37.4#

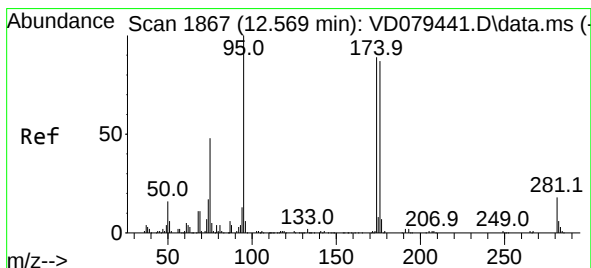
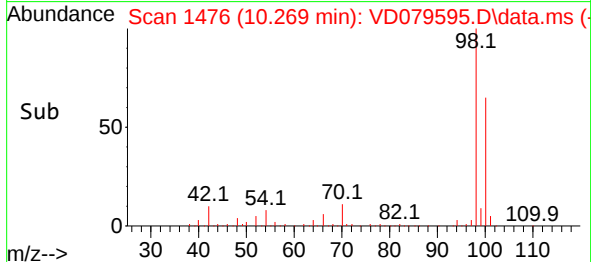
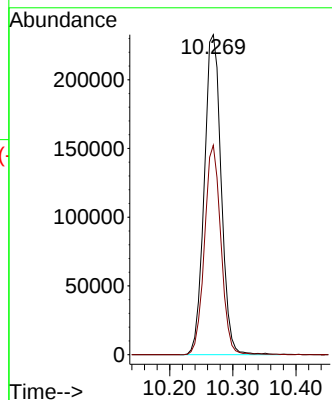
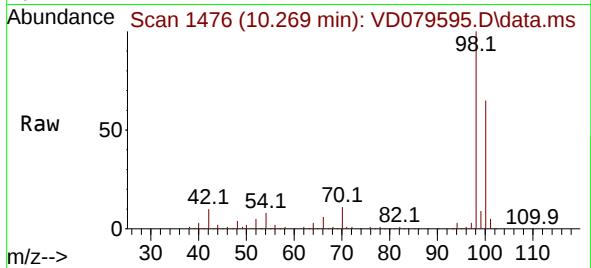




#50
Toluene-d8
Concen: 47.737 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079595.D
Acq: 05 Aug 2024 23:40

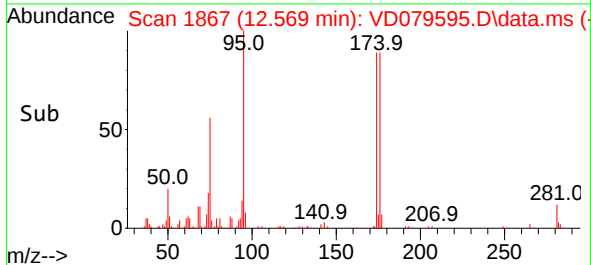
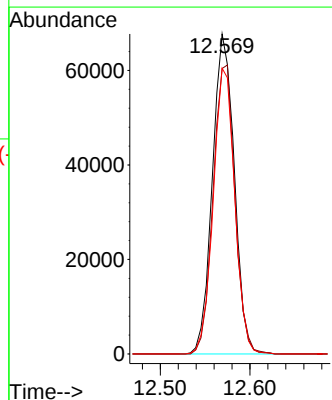
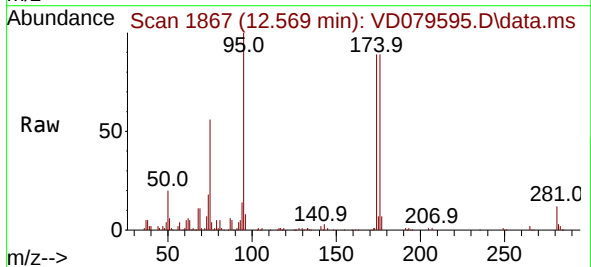
Instrument :
MSVOA_D
ClientSampleId :

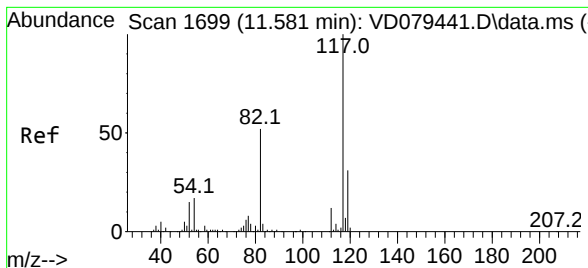
Tgt Ion: 98 Resp: 432067
Ion Ratio Lower Upper
98 100
100 63.5 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 43.677 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079595.D
Acq: 05 Aug 2024 23:40

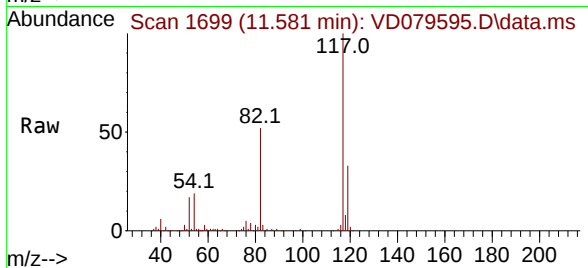
Tgt Ion: 95 Resp: 114398
Ion Ratio Lower Upper
95 100
174 90.2 0.0 195.4
176 87.9 0.0 192.6



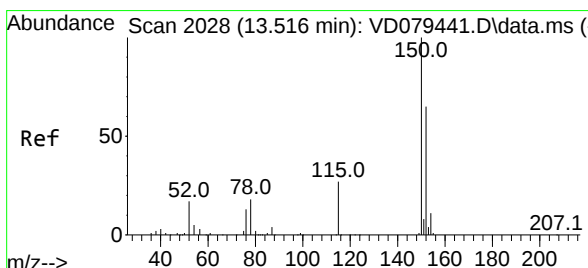
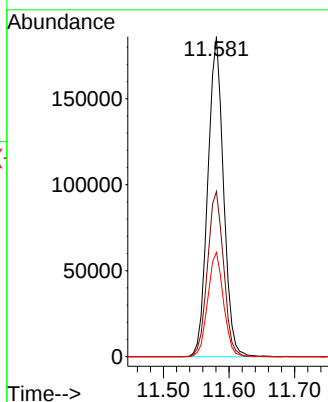
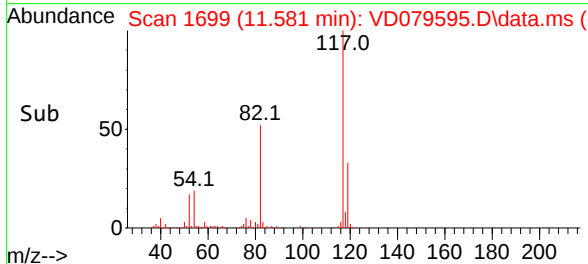


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD079595.D
Acq: 05 Aug 2024 23:40

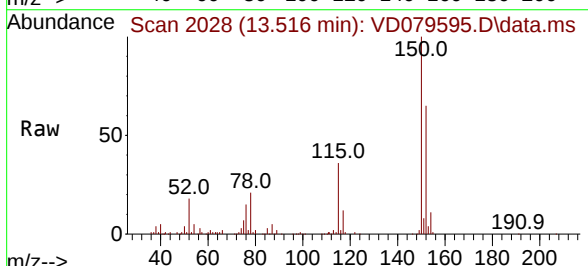
Instrument :
MSVOA_D
ClientSampleId :



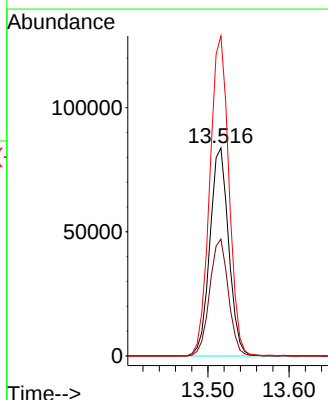
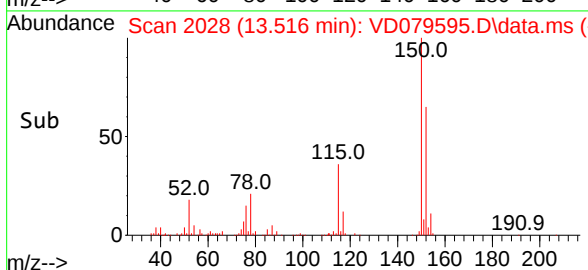
Tgt Ion:117 Resp: 309755
Ion Ratio Lower Upper
117 100
82 51.6 39.8 59.6
119 32.6 25.7 38.5

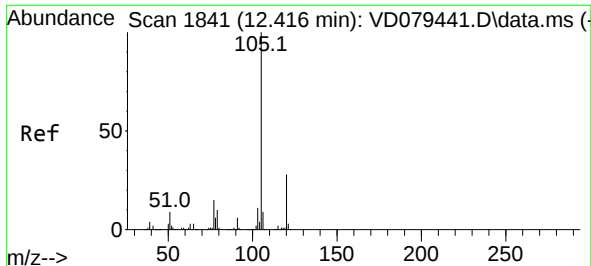


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD079595.D
Acq: 05 Aug 2024 23:40



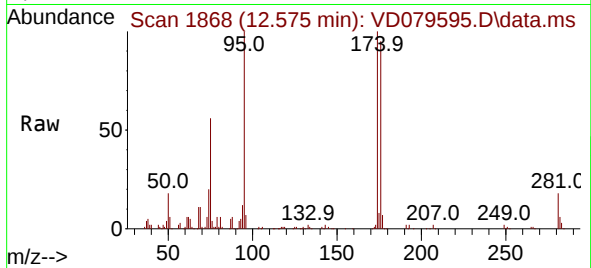
Tgt Ion:152 Resp: 134493
Ion Ratio Lower Upper
152 100
115 56.0 26.5 79.5
150 156.5 0.0 341.6



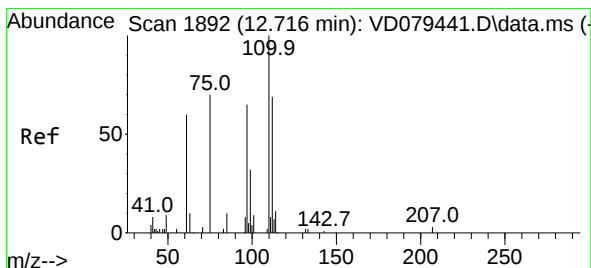
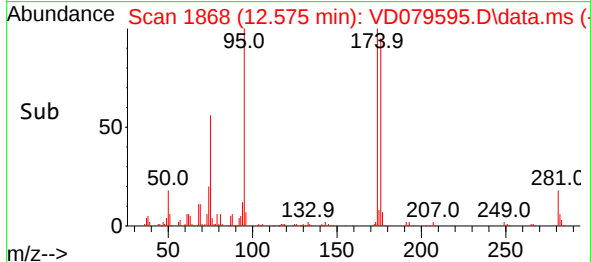
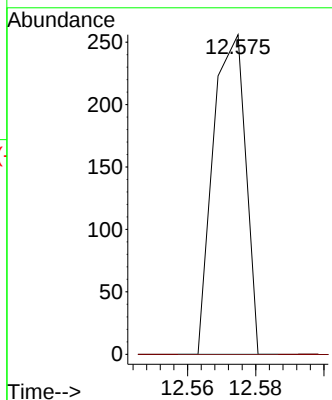


#73
Isopropylbenzene
Concen: 3.643 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.159 min
Lab File: VD079595.D
Acq: 05 Aug 2024 23:40

Instrument :
MSVOA_D
ClientSampleId :

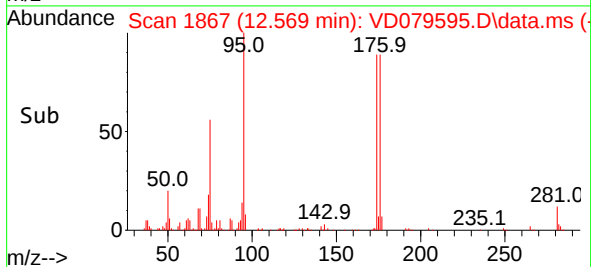
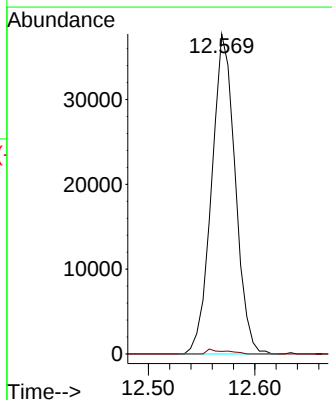
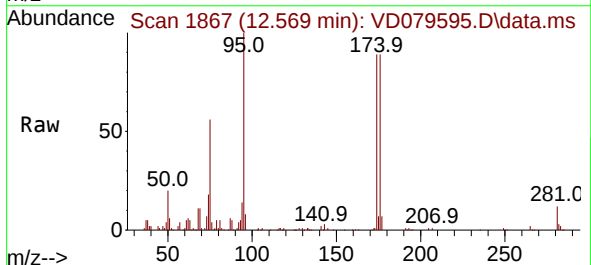


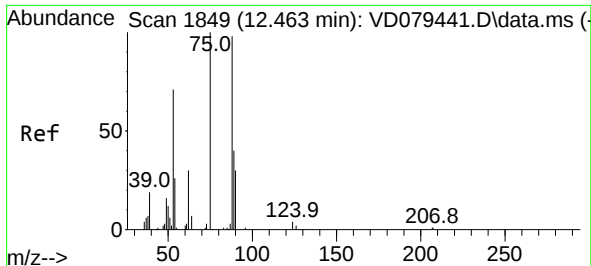
Tgt Ion:105 Resp: 169
Ion Ratio Lower Upper
105 100
120 0.0 13.6 40.7#



#76
1,2,3-Trichloropropane
Concen: 49.325 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD079595.D
Acq: 05 Aug 2024 23:40

Tgt Ion: 75 Resp: 57987
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#

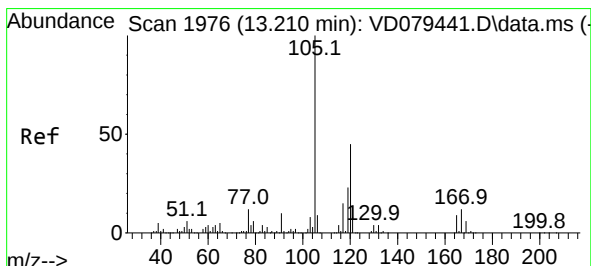
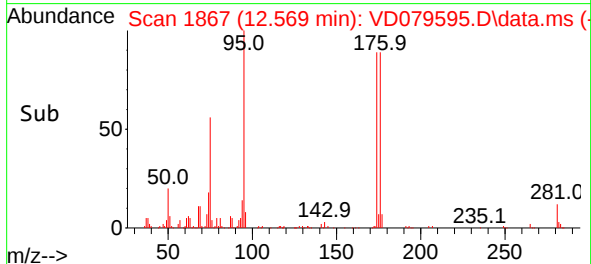
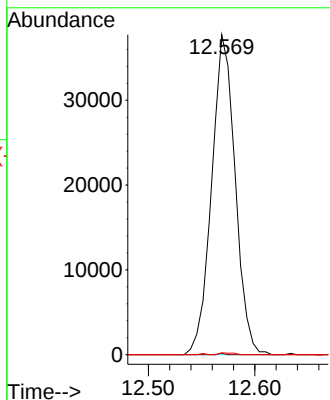
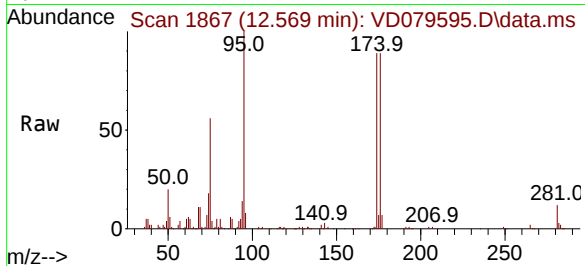




#81
trans-1,4-Dichloro-2-butene
Concen: 94.077 ug/l
RT: 12.569 min Scan# 1849
Delta R.T. 0.100 min
Lab File: VD079595.D
Acq: 05 Aug 2024 23:40

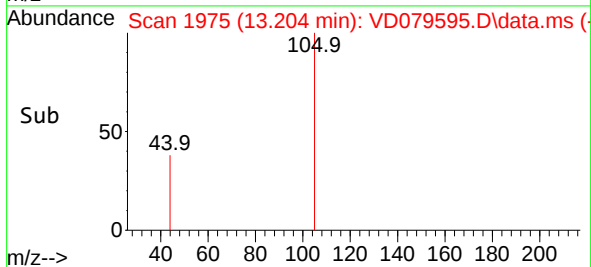
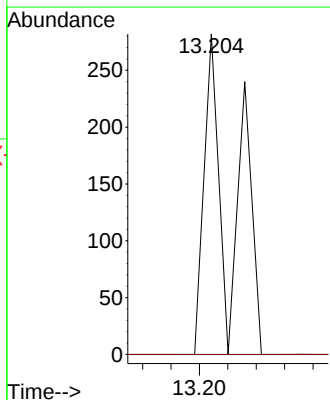
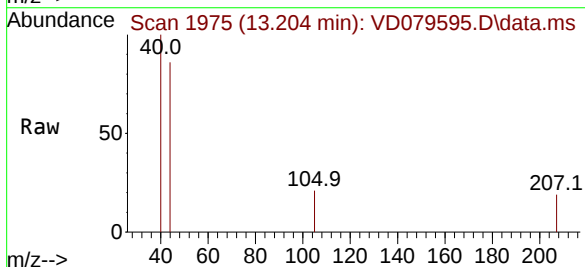
Instrument :
MSVOA_D
ClientSampleId :

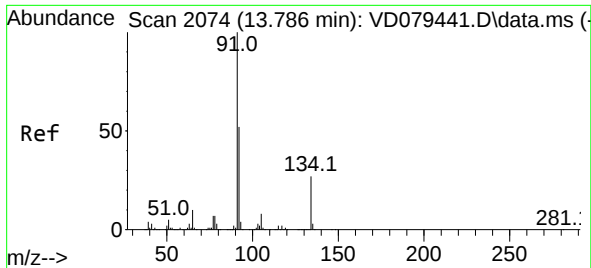
Tgt Ion: 75 Resp: 57987
Ion Ratio Lower Upper
75 100
53 0.1 61.4 92.2#
89 0.4 35.4 53.0#



#84
1,2,4-Trimethylbenzene
Concen: 3.449 ug/l
RT: 13.204 min Scan# 1975
Delta R.T. 0.000 min
Lab File: VD079595.D
Acq: 05 Aug 2024 23:40

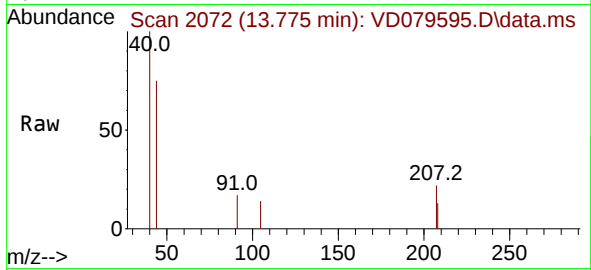
Tgt Ion:105 Resp: 184
Ion Ratio Lower Upper
105 100
120 0.0 23.6 71.0#





#89
 n-Butylbenzene
 Concen: 3.799 ug/l
 RT: 13.775 min Scan# 2072
 Delta R.T. -0.006 min
 Lab File: VD079595.D
 Acq: 05 Aug 2024 23:40

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	91	Resp:	156
Ion	Ratio	Lower	Upper
91	100		
92	35.9	25.7	77.0
134	43.6	13.6	40.8#

