

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080524\
 Data File : VD079581.D
 Acq On : 05 Aug 2024 15:27
 Operator : RP/MD
 Sample : P3441-02
 Misc : 5.97G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 06 02:46:49 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	111037	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	212596	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	178791	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	54341	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.228	65	70925	62.875	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.760%	
35) Dibromofluoromethane	7.804	113	67887	47.178	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 94.360%	
50) Toluene-d8	10.269	98	209269	37.450	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 74.900%	
62) 4-Bromofluorobenzene	12.569	95	46980	29.053	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 58.100%	

Target Compounds

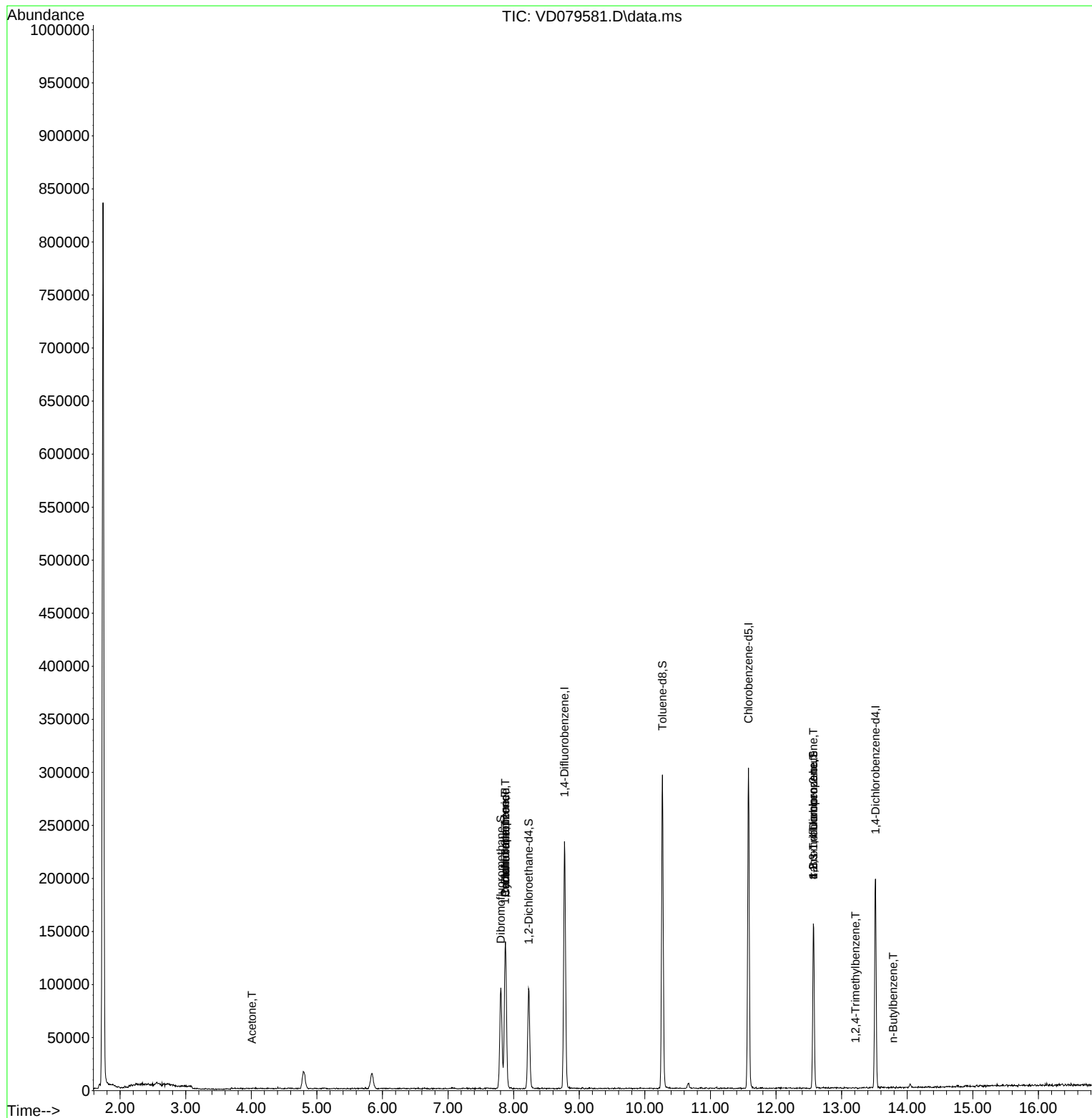
					Qvalue	
5) Bromomethane	2.699	94	253	Below Cal	#	1
16) Acetone	4.011	43	383	1.747	ug/l #	37
20) Methylene Chloride	4.793	84	13128	Below Cal	#	85
31) Cyclohexane	7.875	56	2574	1.374	ug/l #	41
36) 1,1-Dichloropropene	7.869	75	8265	4.208	ug/l #	46
38) Carbon Tetrachloride	7.875	117	10829	5.245	ug/l #	17
76) 1,2,3-Trichloropropane	12.569	75	23458	49.386	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	23458	94.192	ug/l #	19
84) 1,2,4-Trimethylbenzene	13.210	105	141	3.467	ug/l	99
89) n-Butylbenzene	13.786	91	322	3.867	ug/l #	52

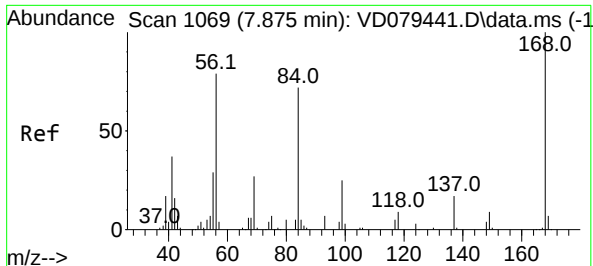
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080524\
Data File : VD079581.D
Acq On : 05 Aug 2024 15:27
Operator : RP/MD
Sample : P3441-02
Misc : 5.97G/5.0ml/MSVOA_D/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

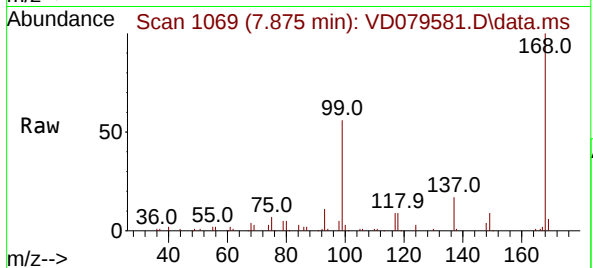
Quant Time: Aug 06 02:46:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:50:47 2024
Response via : Initial Calibration



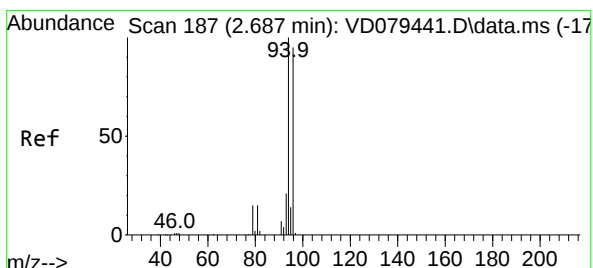
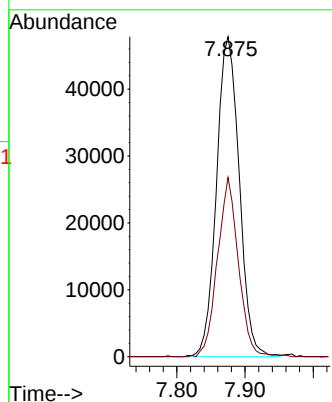
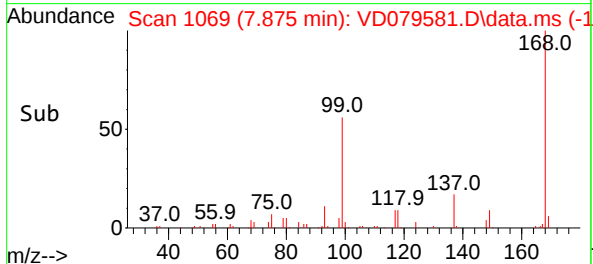


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD079581.D
Acq: 05 Aug 2024 15:27

Instrument :
MSVOA_D
ClientSampleId :

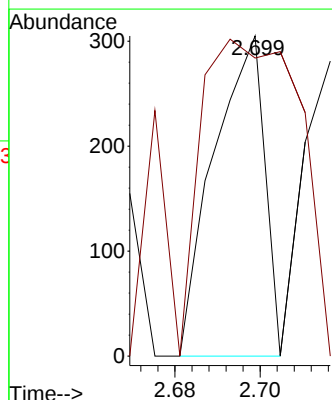
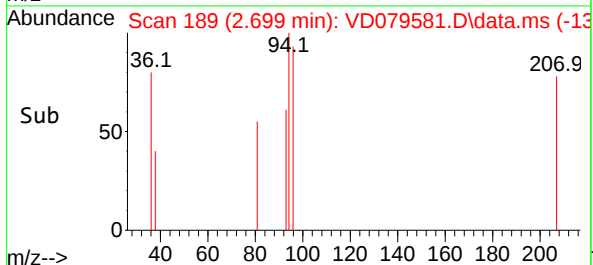
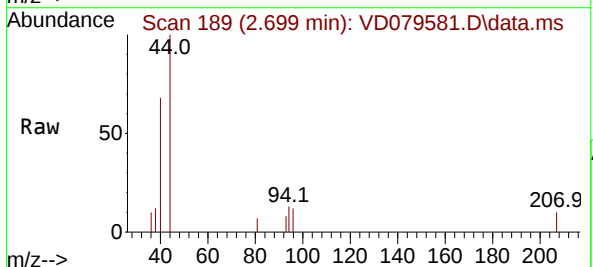


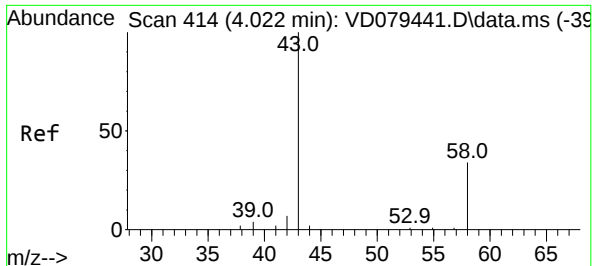
Tgt Ion:168 Resp: 111037
Ion Ratio Lower Upper
168 100
99 56.0 41.1 61.7



#5
Bromomethane
Concen: Below Cal
RT: 2.699 min Scan# 189
Delta R.T. 0.012 min
Lab File: VD079581.D
Acq: 05 Aug 2024 15:27

Tgt Ion: 94 Resp: 253
Ion Ratio Lower Upper
94 100
96 224.5 76.9 115.3#

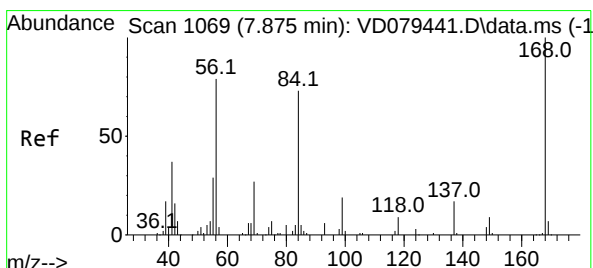
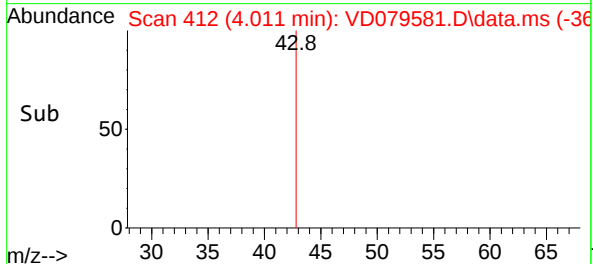
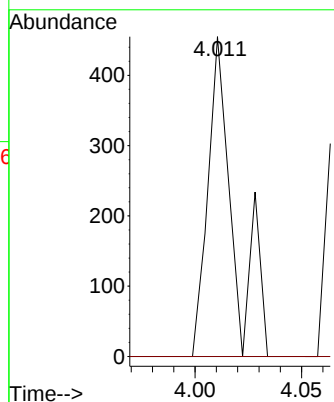
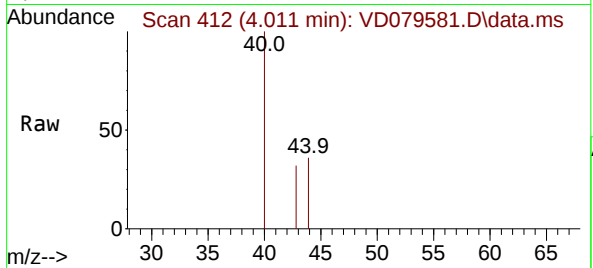




#16
Acetone
Concen: 1.747 ug/l
RT: 4.011 min Scan# 41
Delta R.T. -0.012 min
Lab File: VD079581.D
Acq: 05 Aug 2024 15:27

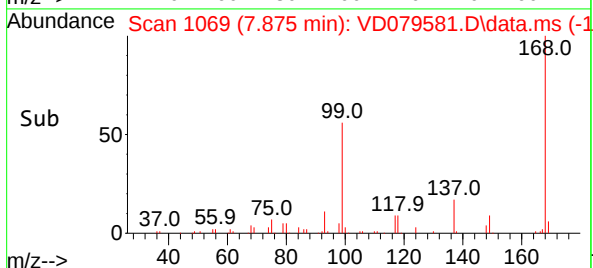
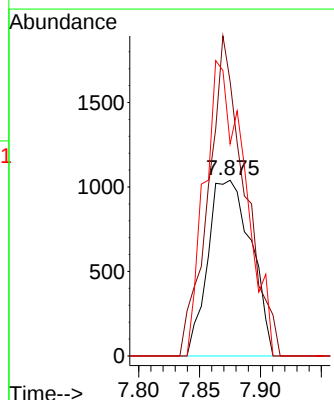
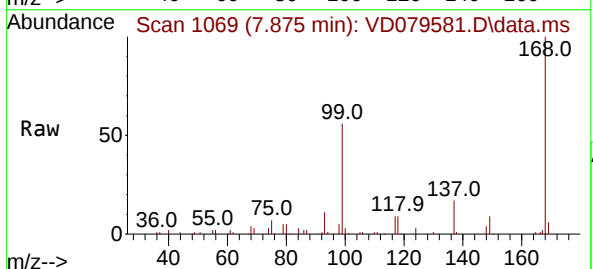
Instrument :
MSVOA_D
ClientSampleId :

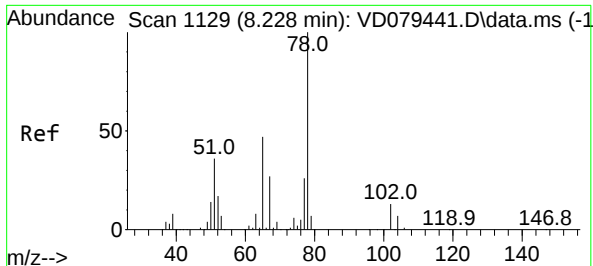
Tgt Ion: 43 Resp: 383
Ion Ratio Lower Upper
43 100
58 0.0 30.4 45.6#



#31
Cyclohexane
Concen: 1.374 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD079581.D
Acq: 05 Aug 2024 15:27

Tgt Ion: 56 Resp: 2574
Ion Ratio Lower Upper
56 100
69 156.3 28.0 42.0#
84 120.7 87.4 131.0





#33

1,2-Dichloroethane-d4

Concen: 62.875 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD079581.D

Acq: 05 Aug 2024 15:27

Instrument :

MSVOA_D

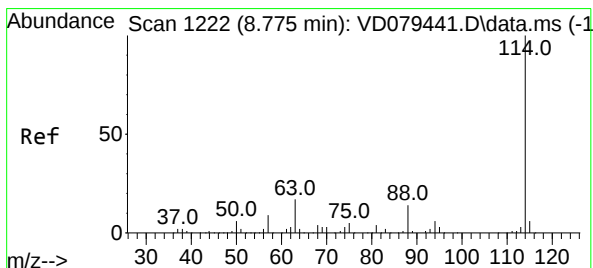
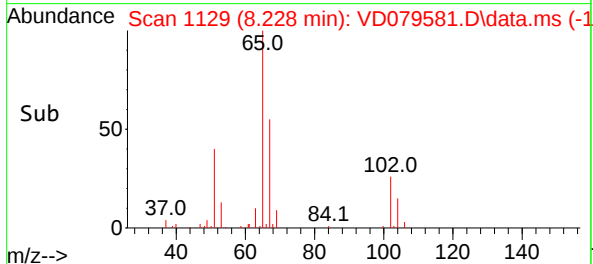
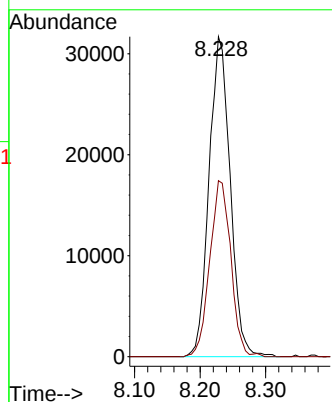
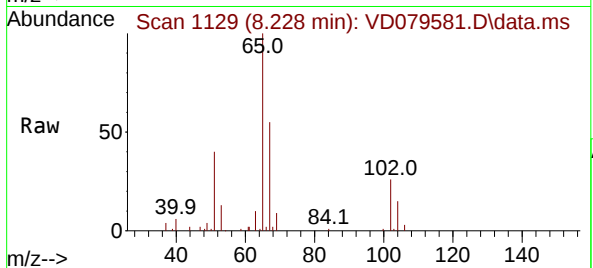
ClientSampleId :

Tgt Ion: 65 Resp: 70925

Ion Ratio Lower Upper

65 100

67 54.8 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD079581.D

Acq: 05 Aug 2024 15:27

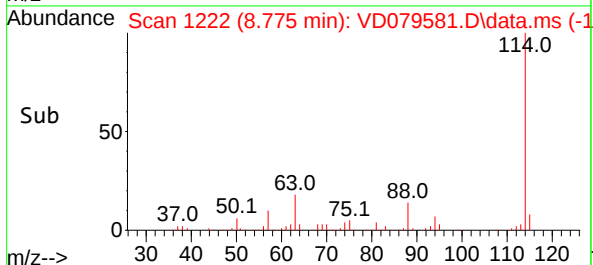
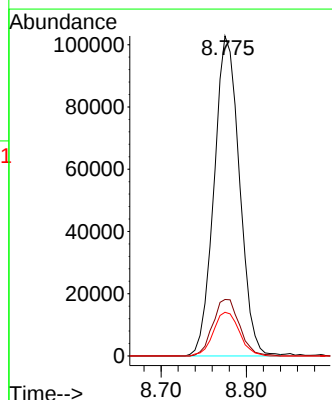
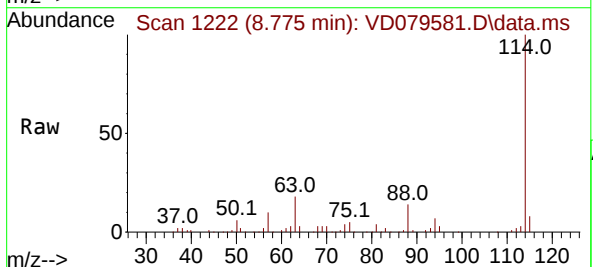
Tgt Ion: 114 Resp: 212596

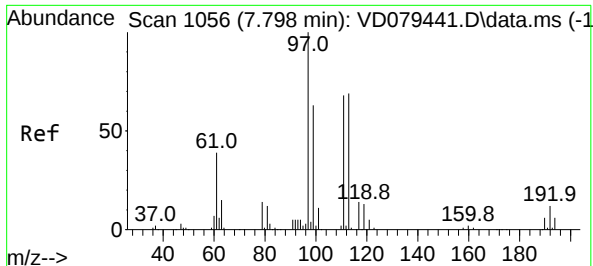
Ion Ratio Lower Upper

114 100

63 17.7 0.0 34.0

88 13.7 0.0 27.2





#35

Dibromofluoromethane

Concen: 47.178 ug/l

RT: 7.804 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VD079581.D

Acq: 05 Aug 2024 15:27

Instrument :

MSVOA_D

ClientSampleId :

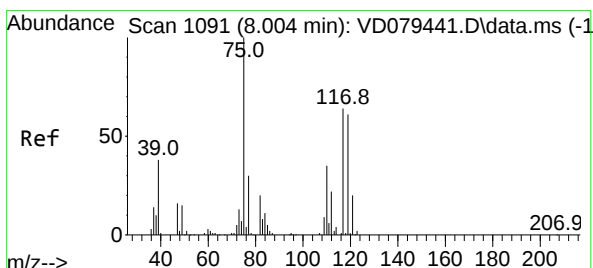
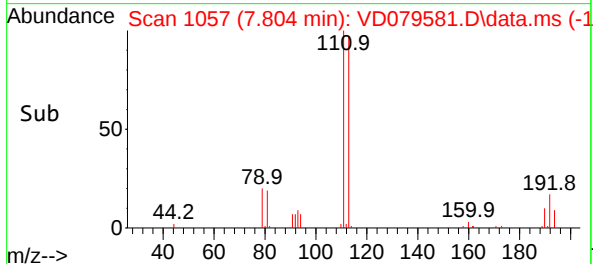
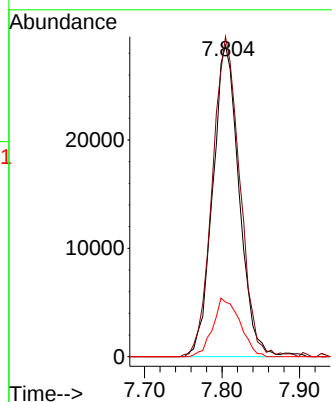
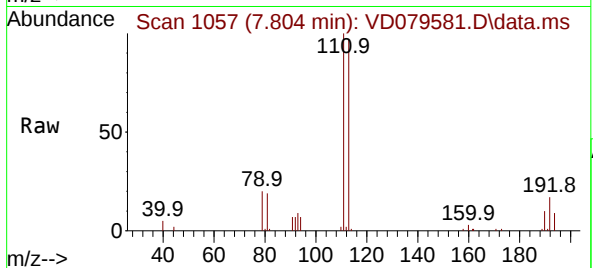
Tgt Ion:113 Resp: 67887

Ion Ratio Lower Upper

113 100

111 107.1 84.0 126.0

192 19.3 15.4 23.0



#36

1,1-Dichloropropene

Concen: 4.208 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.141 min

Lab File: VD079581.D

Acq: 05 Aug 2024 15:27

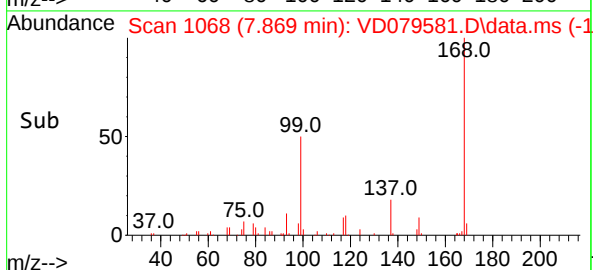
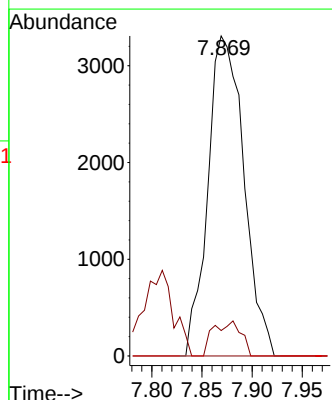
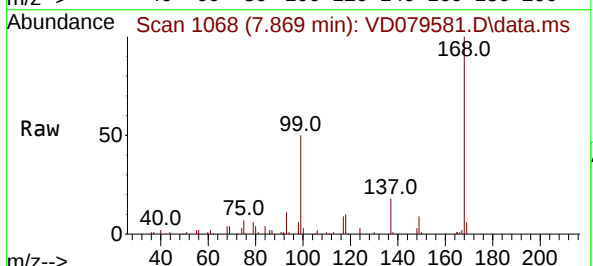
Tgt Ion: 75 Resp: 8265

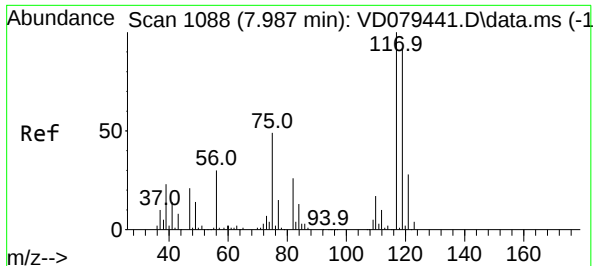
Ion Ratio Lower Upper

75 100

110 8.4 19.6 58.7#

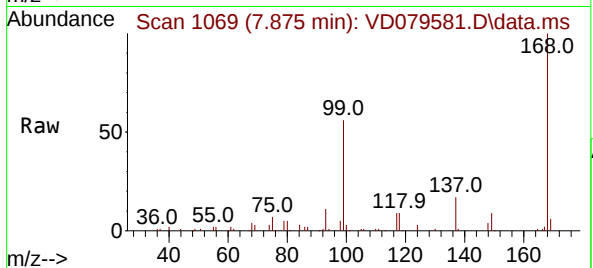
77 0.0 26.1 39.1#



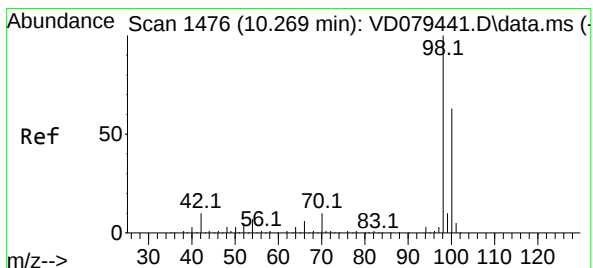
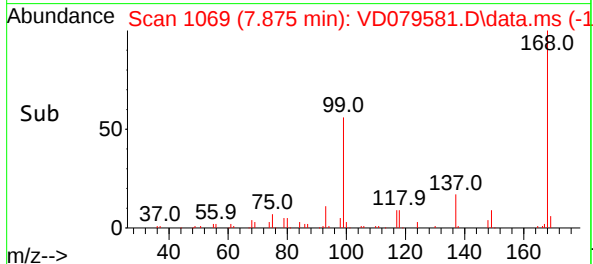
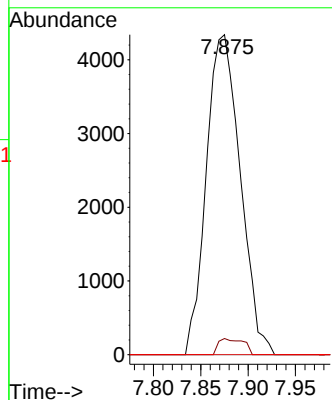


#38
Carbon Tetrachloride
Concen: 5.245 ug/l
RT: 7.875 min Scan# 10829
Delta R.T. -0.112 min
Lab File: VD079581.D
Acq: 05 Aug 2024 15:27

Instrument :
MSVOA_D
ClientSampleId :

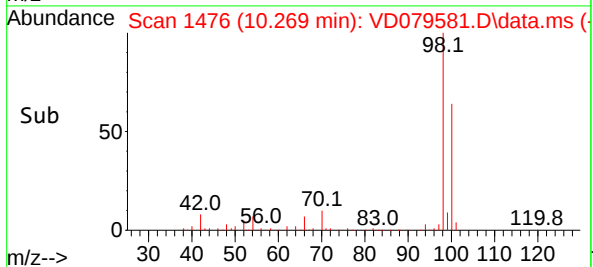
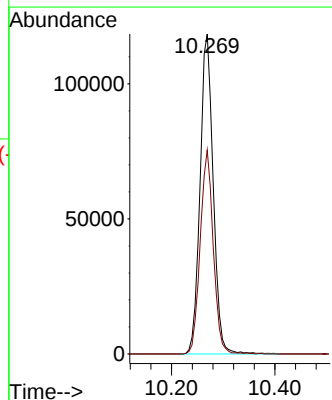
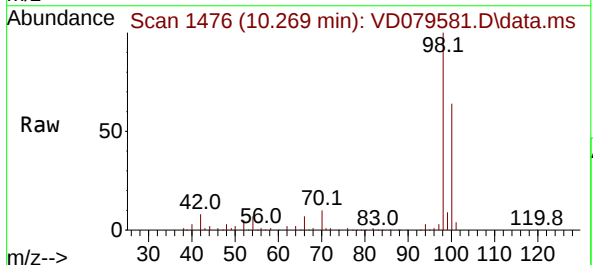


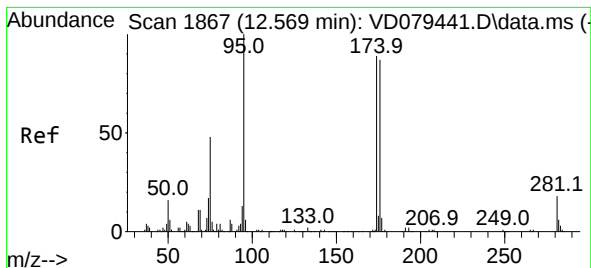
Tgt Ion:117 Resp: 10829
Ion Ratio Lower Upper
117 100
119 5.0 75.4 113.0#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 37.450 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079581.D
Acq: 05 Aug 2024 15:27

Tgt Ion: 98 Resp: 209269
Ion Ratio Lower Upper
98 100
100 63.4 51.6 77.4

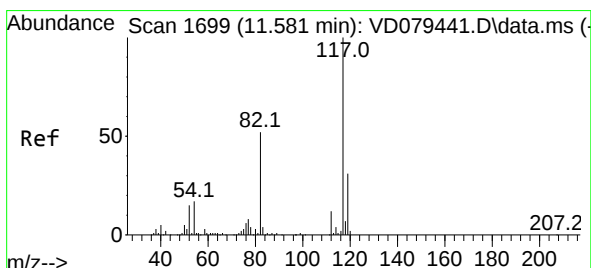
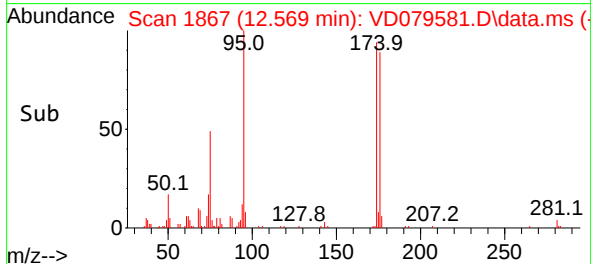
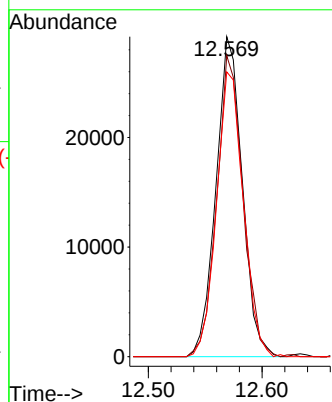
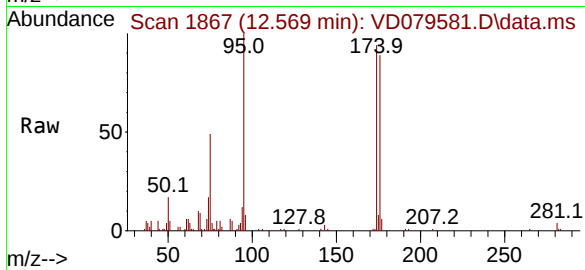




#62
4-Bromofluorobenzene
Concen: 29.053 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079581.D
Acq: 05 Aug 2024 15:27

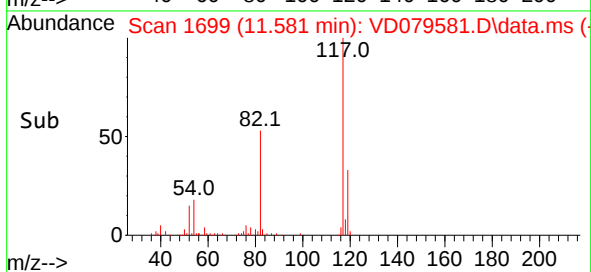
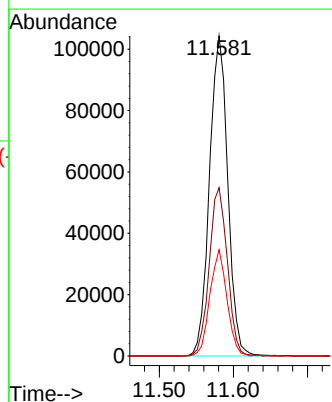
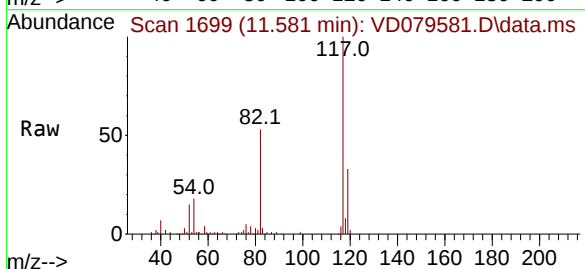
Instrument :
MSVOA_D
ClientSampleId :

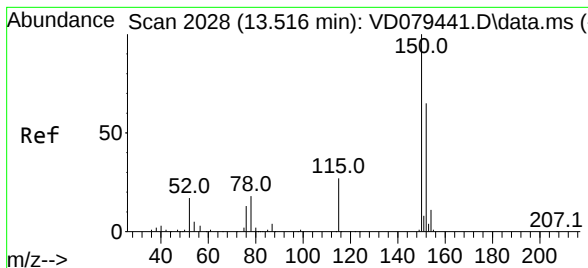
Tgt Ion: 95 Resp: 46980
Ion Ratio Lower Upper
95 100
174 93.3 0.0 195.4
176 90.7 0.0 192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079581.D
Acq: 05 Aug 2024 15:27

Tgt Ion: 117 Resp: 178791
Ion Ratio Lower Upper
117 100
82 52.6 39.8 59.6
119 33.2 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 20

Delta R.T. 0.006 min

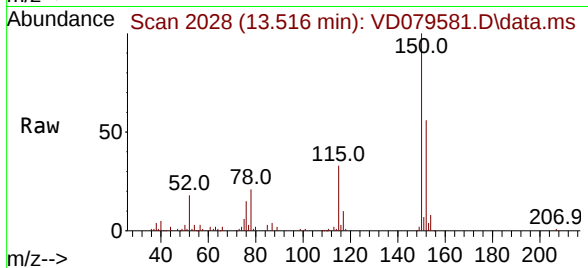
Lab File: VD079581.D

Acq: 05 Aug 2024 15:27

Instrument :

MSVOA_D

ClientSampleId :



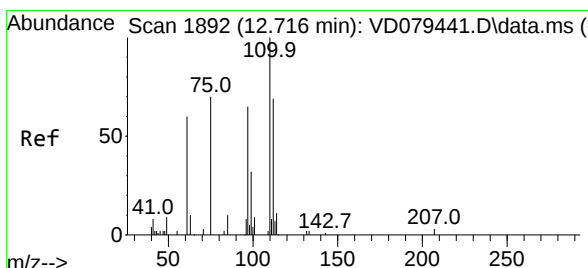
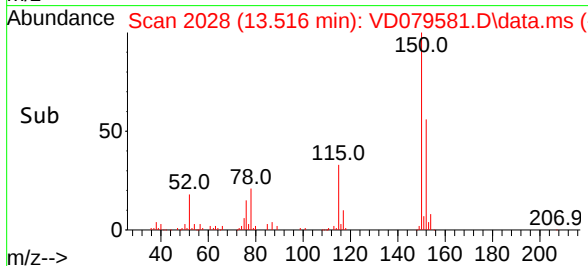
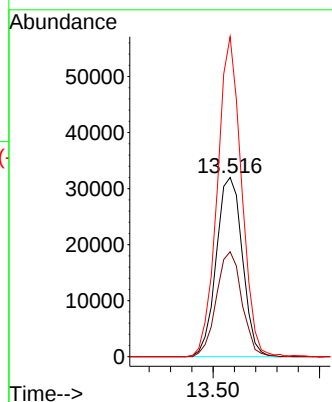
Tgt Ion:152 Resp: 54341

Ion Ratio Lower Upper

152 100

115 57.6 26.5 79.5

150 165.3 0.0 341.6



#76

1,2,3-Trichloropropane

Concen: 49.386 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.153 min

Lab File: VD079581.D

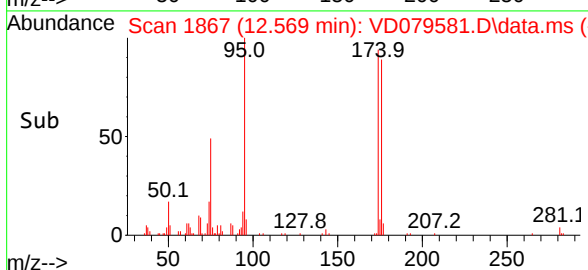
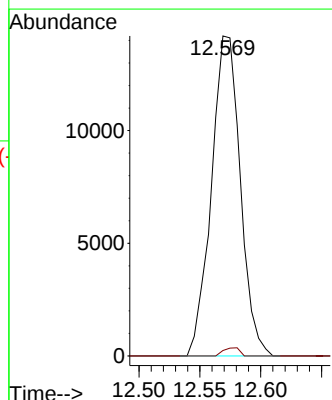
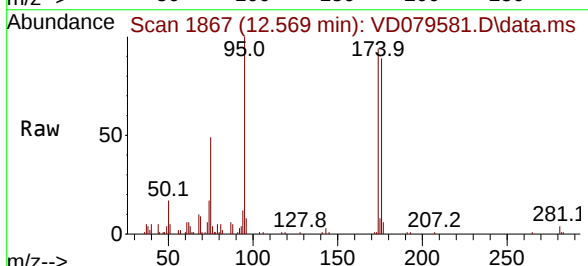
Acq: 05 Aug 2024 15:27

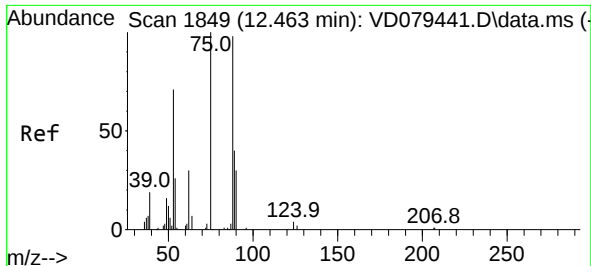
Tgt Ion: 75 Resp: 23458

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#

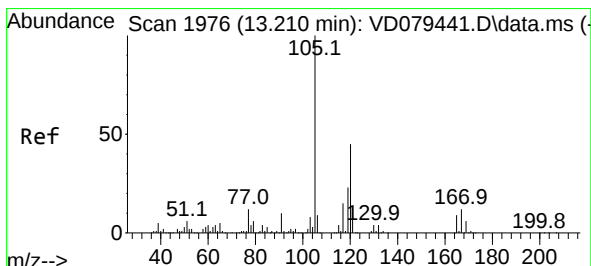
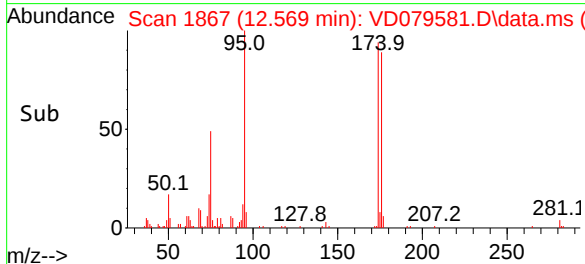
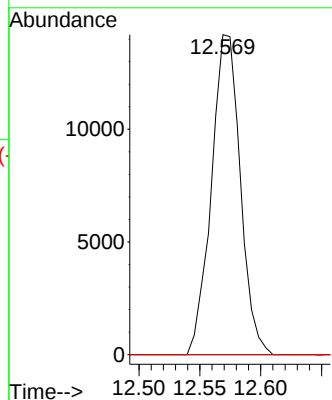
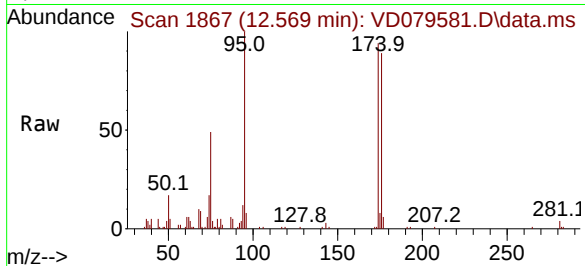




#81
trans-1,4-Dichloro-2-butene
Concen: 94.192 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD079581.D
Acq: 05 Aug 2024 15:27

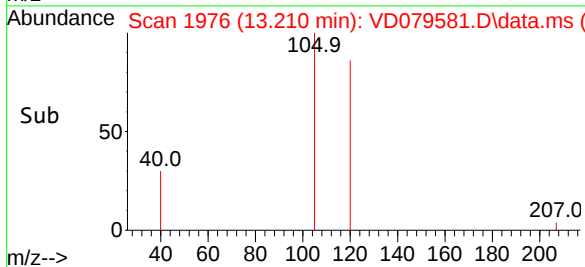
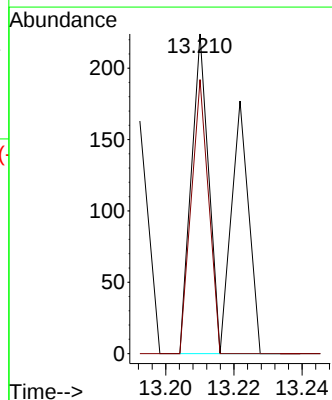
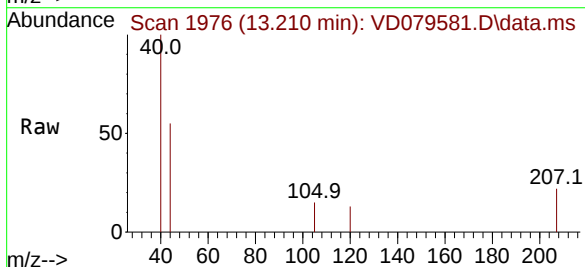
Instrument :
MSVOA_D
ClientSampleId :

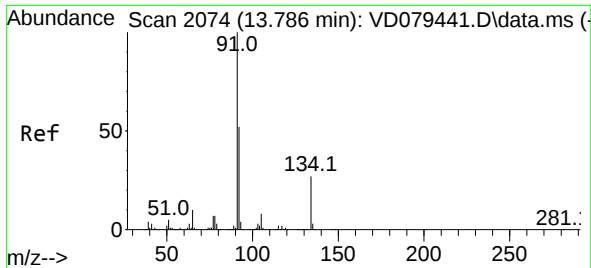
Tgt Ion: 75 Resp: 23458
Ion Ratio Lower Upper
75 100
53 0.0 61.4 92.2#
89 0.0 35.4 53.0#



#84
1,2,4-Trimethylbenzene
Concen: 3.467 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.006 min
Lab File: VD079581.D
Acq: 05 Aug 2024 15:27

Tgt Ion:105 Resp: 141
Ion Ratio Lower Upper
105 100
120 48.2 23.6 71.0





#89

n-Butylbenzene

Concen: 3.867 ug/l

RT: 13.786 min Scan# 20

Delta R.T. 0.005 min

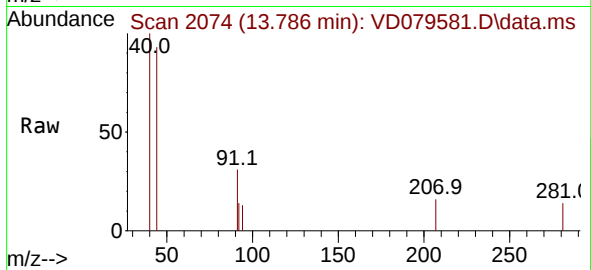
Lab File: VD079581.D

Acq: 05 Aug 2024 15:27

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	91	Resp:	322
Ion	Ratio	Lower	Upper
91	100		
92	18.9	25.7	77.0#
134	0.0	13.6	40.8#

