

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080824\
 Data File : VD079675.D
 Acq On : 08 Aug 2024 18:58
 Operator : RP/MD
 Sample : P3484-01
 Misc : 4.99G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 09 01:11:32 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)

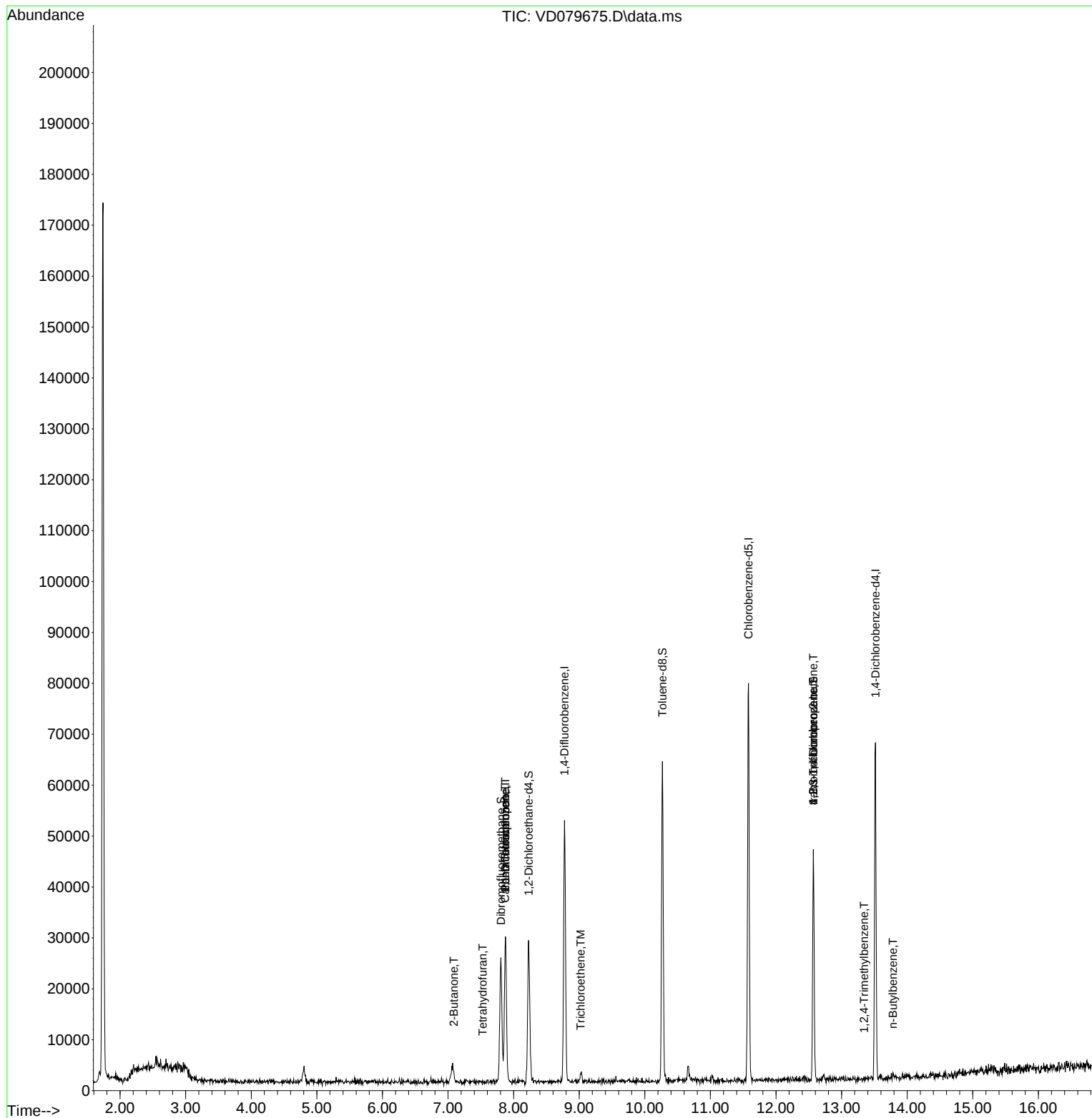
Internal Standards						
1) Pentafluorobenzene	7.875	168	22673	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	45888	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	46385	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	19284	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	21092	91.571	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 183.140%#	
35) Dibromofluoromethane	7.810	113	17977	57.880	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.760%	
50) Toluene-d8	10.269	98	45827	37.995	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 75.980%	
62) 4-Bromofluorobenzene	12.569	95	13784	39.492	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 78.980%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.693	94	499	Below Cal		85
20) Methylene Chloride	4.787	84	1352	Below Cal	#	70
25) 2-Butanone	7.087	43	90	1.418	ug/l #	42
29) Tetrahydrofuran	7.528	42	61	1.551	ug/l #	21
36) 1,1-Dichloropropene	7.875	75	1698	4.005	ug/l #	39
38) Carbon Tetrachloride	7.869	117	2479	5.563	ug/l #	13
44) Trichloroethene	9.022	130	626	1.868	ug/l	93
76) 1,2,3-Trichloropropane	12.569	75	6698	39.736	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	6698	75.788	ug/l #	19
84) 1,2,4-Trimethylbenzene	13.345	105	58	3.473	ug/l #	29
89) n-Butylbenzene	13.781	91	113	3.866	ug/l #	79

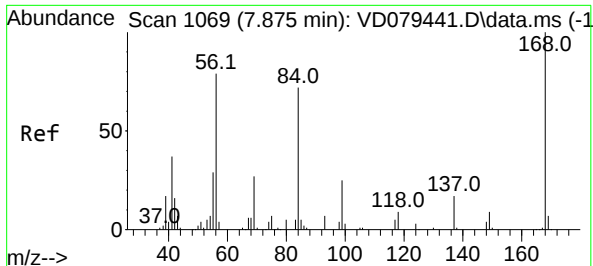
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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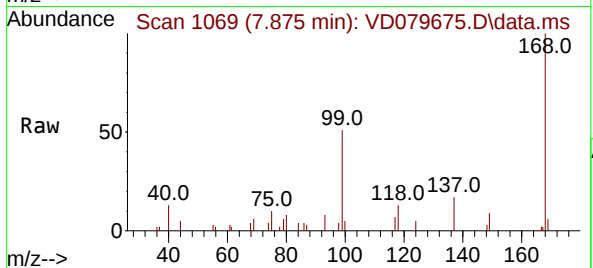
Quant Time: Aug 09 01:11:32 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:50:47 2024
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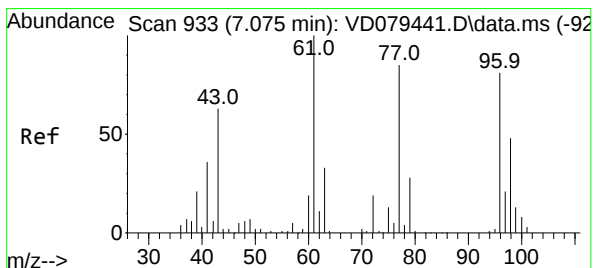
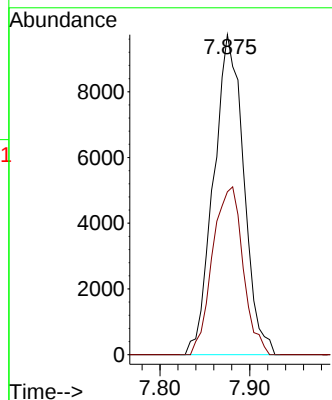
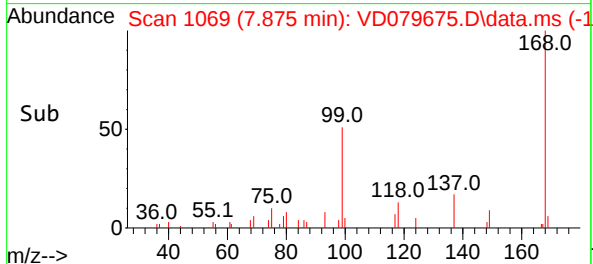


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079675.D
Acq: 08 Aug 2024 18:58

Instrument :
MSVOA_D
ClientSampleId :

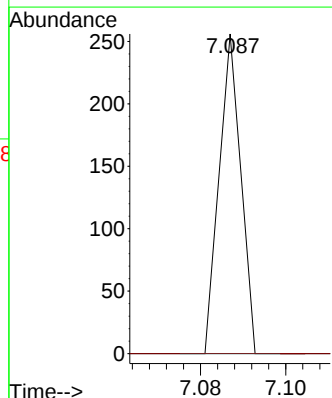
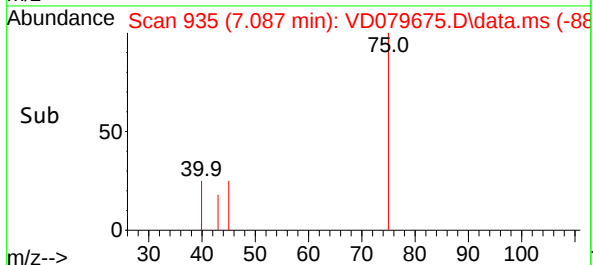
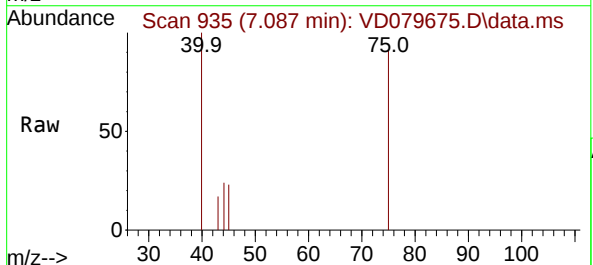


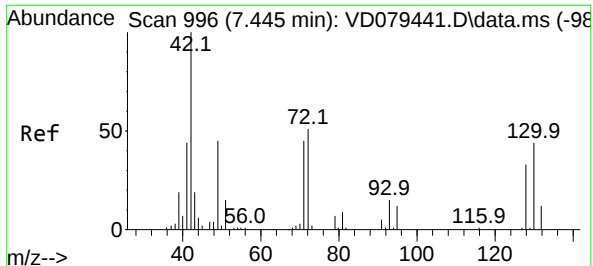
Tgt Ion:168 Resp: 22673
Ion Ratio Lower Upper
168 100
99 50.9 41.1 61.7



#25
2-Butanone
Concen: 1.418 ug/l
RT: 7.087 min Scan# 935
Delta R.T. -0.006 min
Lab File: VD079675.D
Acq: 08 Aug 2024 18:58

Tgt Ion: 43 Resp: 90
Ion Ratio Lower Upper
43 100
72 0.0 26.4 39.6#





#29

Tetrahydrofuran

Concen: 1.551 ug/l

RT: 7.528 min Scan# 1010

Delta R.T. 0.082 min

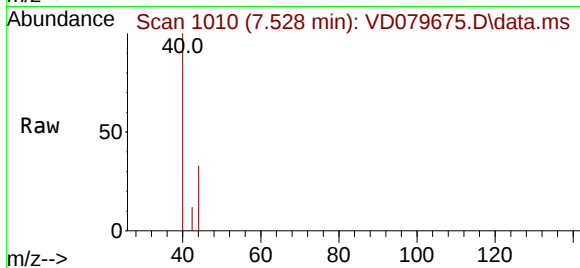
Lab File: VD079675.D

Acq: 08 Aug 2024 18:58

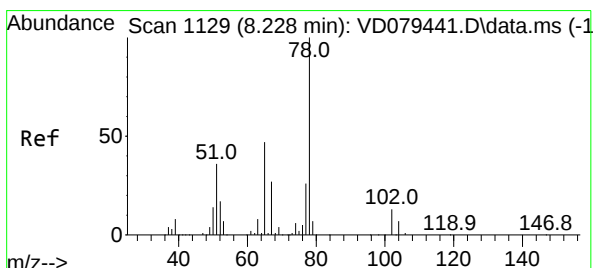
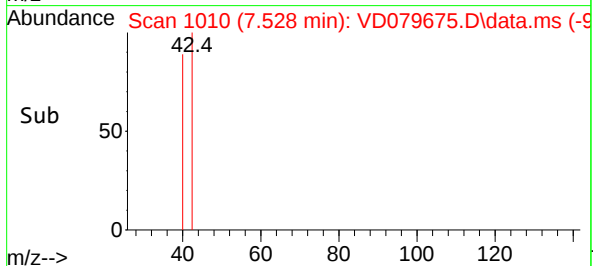
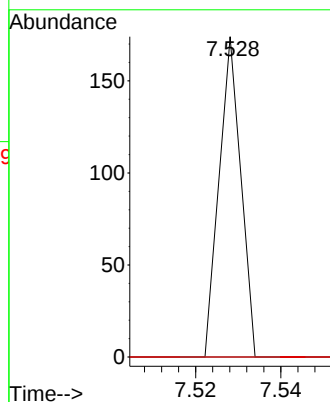
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 42	Resp: 61
Ion Ratio	Lower Upper
42	100
72	0.0 49.4 74.0#
71	0.0 45.0 67.6#



#33

1,2-Dichloroethane-d4

Concen: 91.571 ug/l

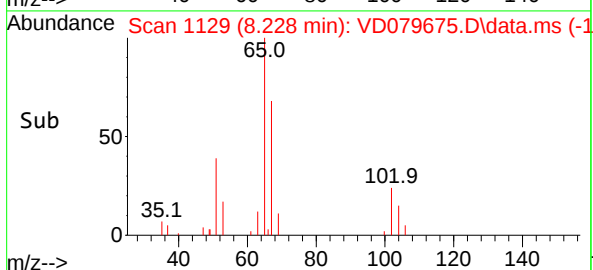
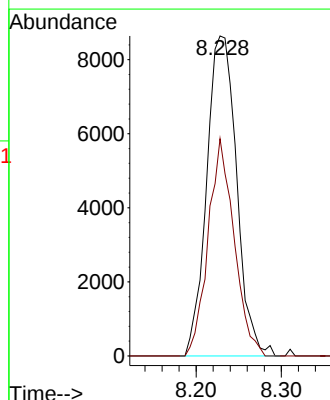
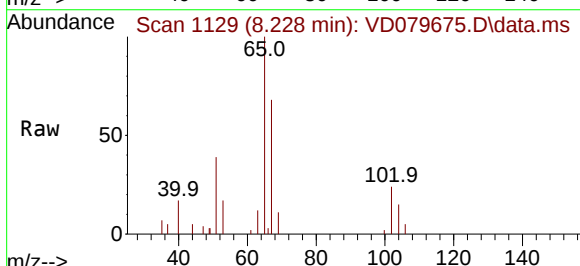
RT: 8.228 min Scan# 1129

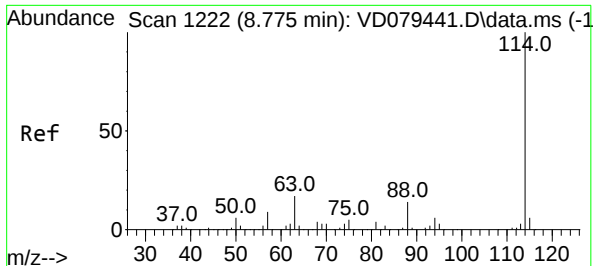
Delta R.T. -0.000 min

Lab File: VD079675.D

Acq: 08 Aug 2024 18:58

Tgt Ion: 65	Resp: 21092
Ion Ratio	Lower Upper
65	100
67	58.9 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD079675.D

Acq: 08 Aug 2024 18:58

Instrument :

MSVOA_D

ClientSampleId :

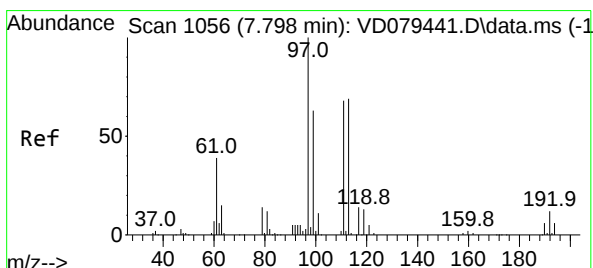
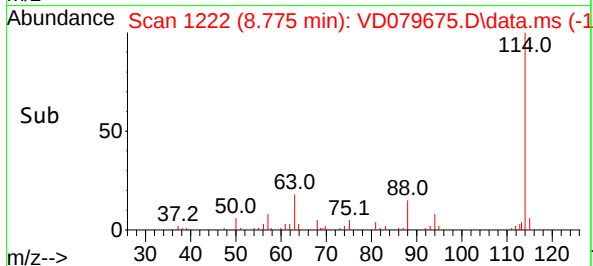
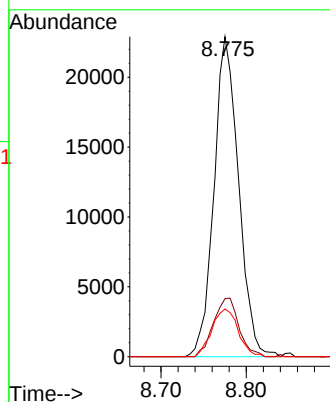
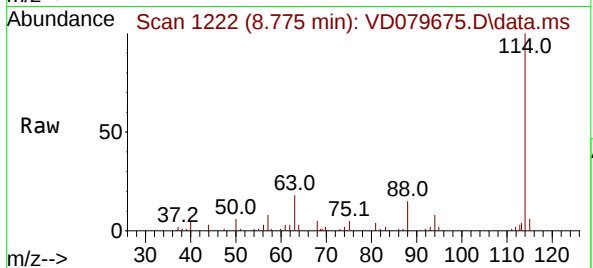
Tgt Ion:114 Resp: 45888

Ion Ratio Lower Upper

114 100

63 18.1 0.0 34.0

88 14.9 0.0 27.2



#35

Dibromofluoromethane

Concen: 57.880 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD079675.D

Acq: 08 Aug 2024 18:58

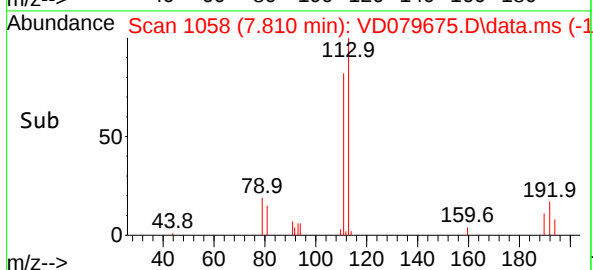
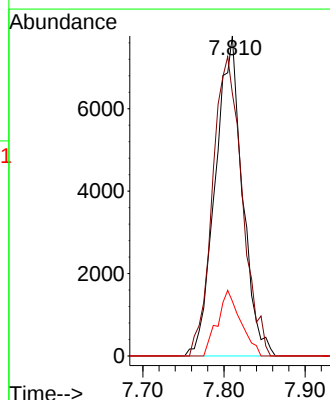
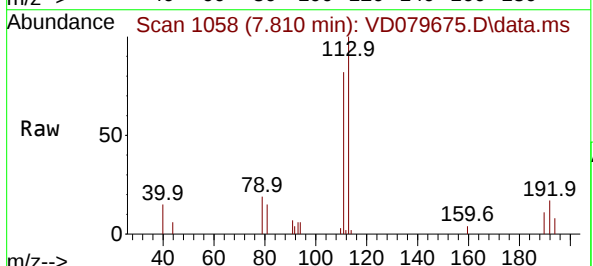
Tgt Ion:113 Resp: 17977

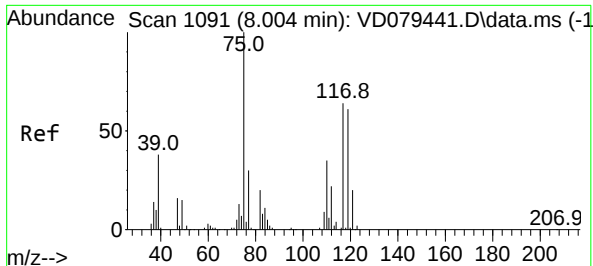
Ion Ratio Lower Upper

113 100

111 102.3 84.0 126.0

192 17.6 15.4 23.0





#36

1,1-Dichloropropene

Concen: 4.005 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

Lab File: VD079675.D

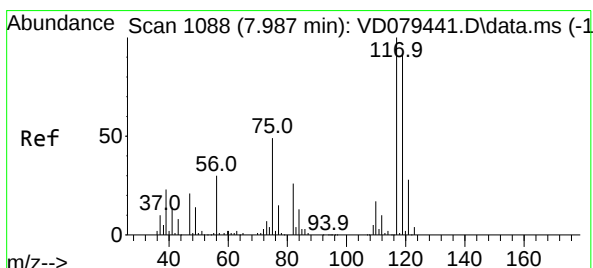
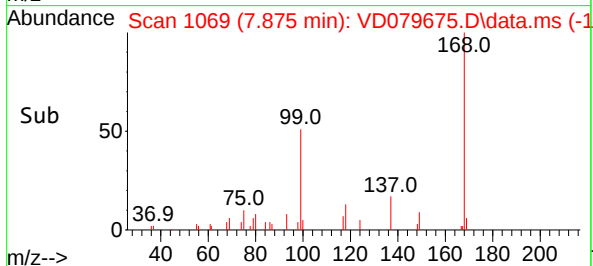
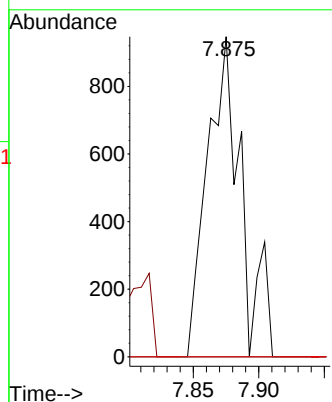
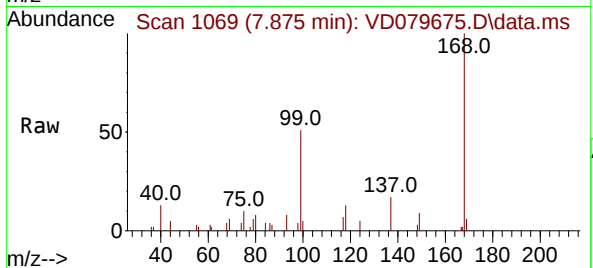
Acq: 08 Aug 2024 18:58

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 75	Resp: 1698
Ion Ratio	Lower Upper
75	100
110	0.0 19.6 58.7#
77	0.0 26.1 39.1#



#38

Carbon Tetrachloride

Concen: 5.563 ug/l

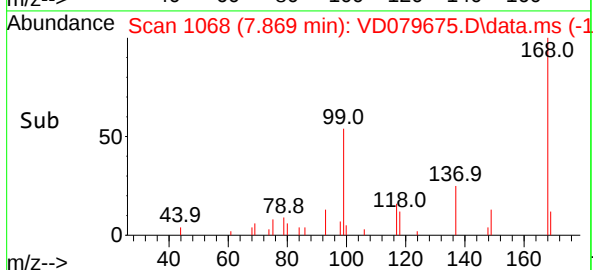
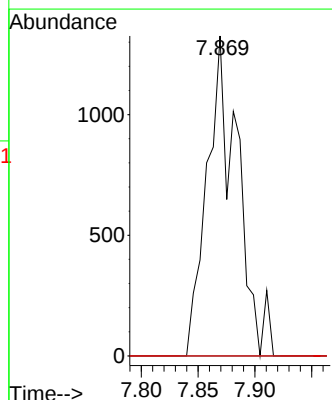
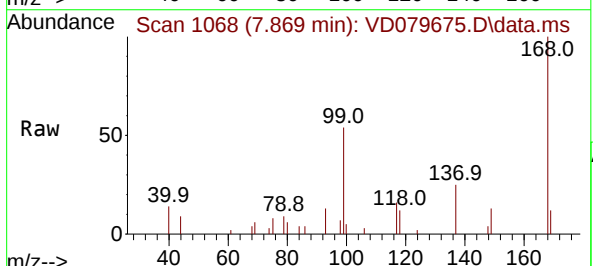
RT: 7.869 min Scan# 1068

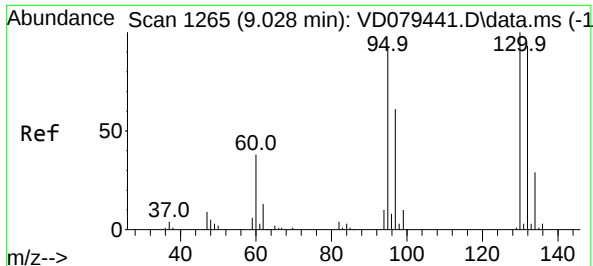
Delta R.T. -0.118 min

Lab File: VD079675.D

Acq: 08 Aug 2024 18:58

Tgt Ion: 117	Resp: 2479
Ion Ratio	Lower Upper
117	100
119	0.0 75.4 113.0#
121	0.0 25.0 37.4#

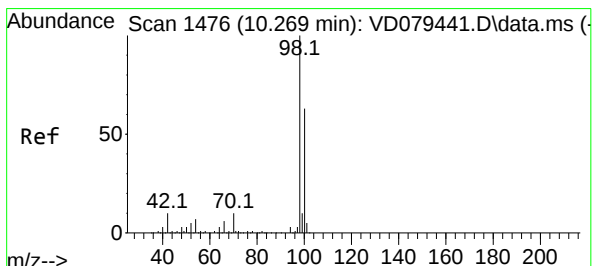
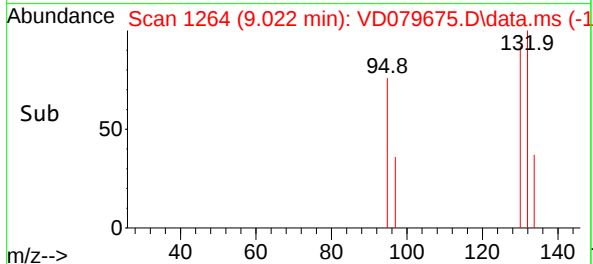
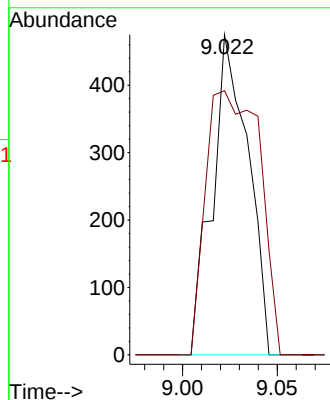
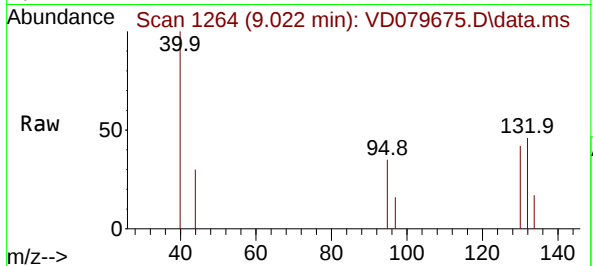




#44
Trichloroethene
Concen: 1.868 ug/l
RT: 9.022 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD079675.D
Acq: 08 Aug 2024 18:58

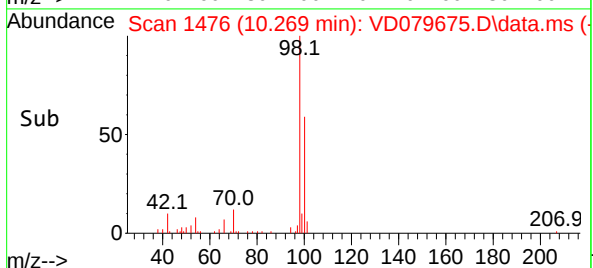
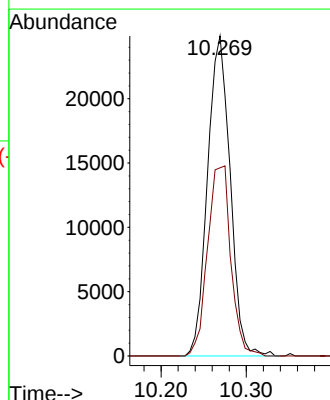
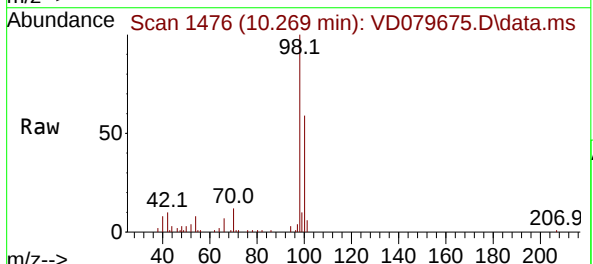
Instrument :
MSVOA_D
ClientSampleId :

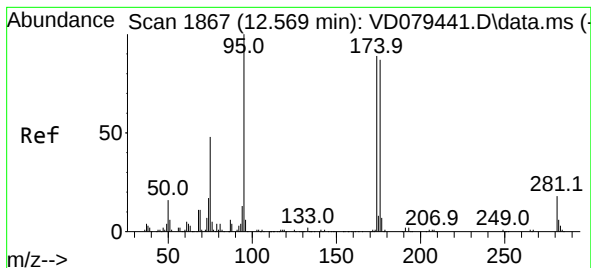
Tgt Ion:130 Resp: 626
Ion Ratio Lower Upper
130 100
95 82.5 0.0 177.8



#50
Toluene-d8
Concen: 37.995 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079675.D
Acq: 08 Aug 2024 18:58

Tgt Ion: 98 Resp: 45827
Ion Ratio Lower Upper
98 100
100 61.3 51.6 77.4

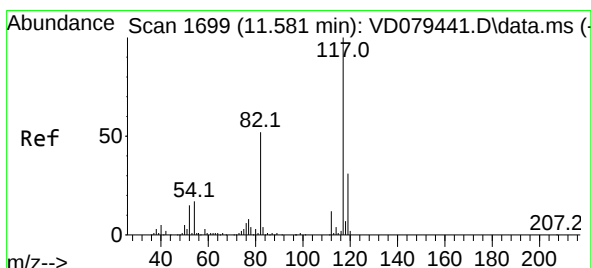
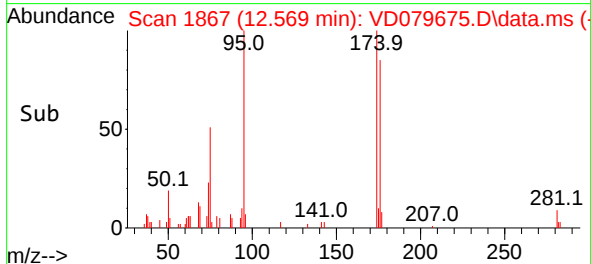
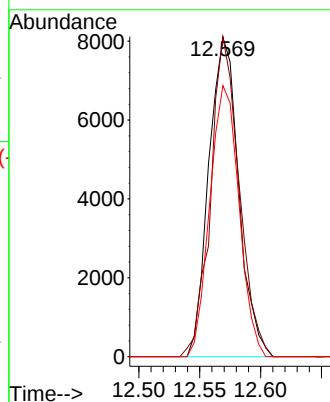
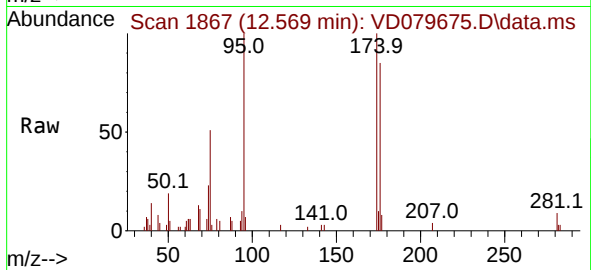




#62
4-Bromofluorobenzene
Concen: 39.492 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079675.D
Acq: 08 Aug 2024 18:58

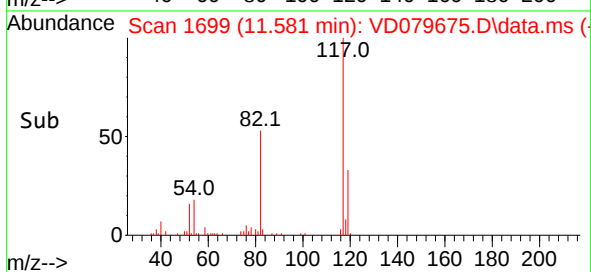
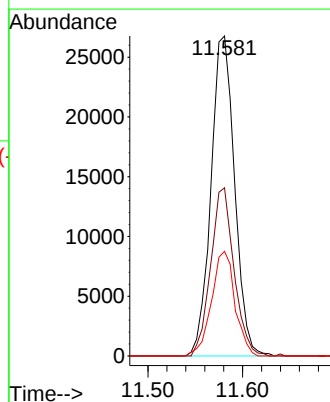
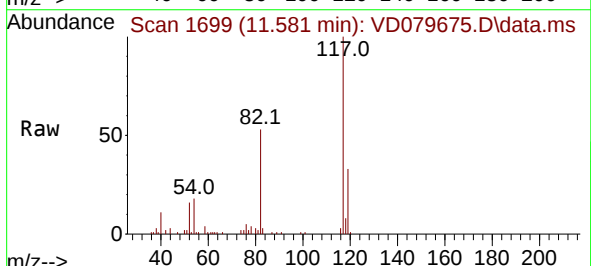
Instrument :
MSVOA_D
ClientSampleId :

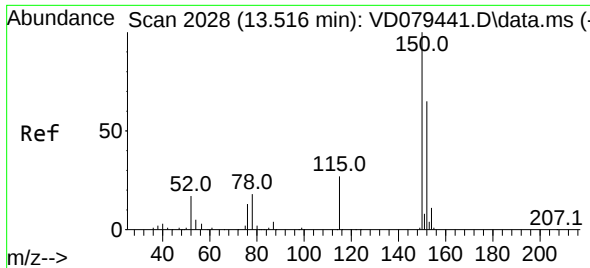
Tgt Ion:	95	Resp:	13784
Ion	Ratio	Lower	Upper
95	100		
174	95.7	0.0	195.4
176	83.0	0.0	192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079675.D
Acq: 08 Aug 2024 18:58

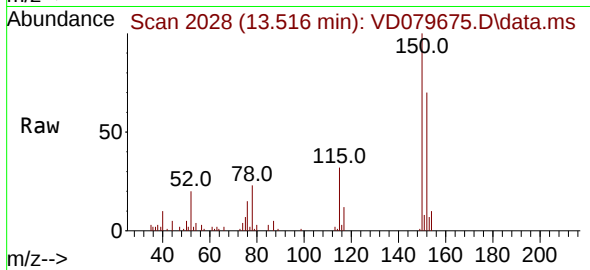
Tgt Ion:	117	Resp:	46385
Ion	Ratio	Lower	Upper
117	100		
82	52.6	39.8	59.6
119	32.7	25.7	38.5



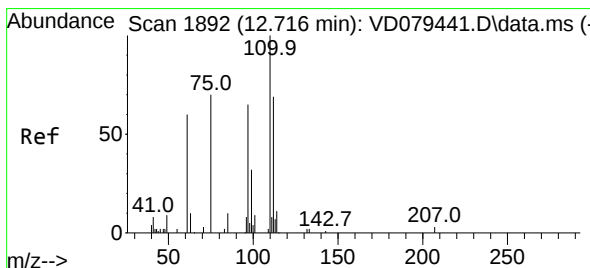
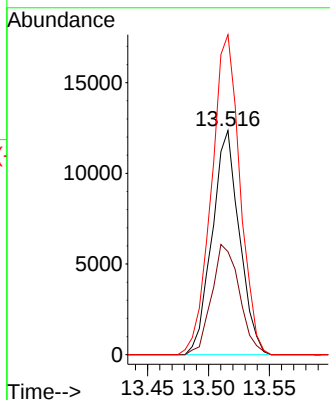
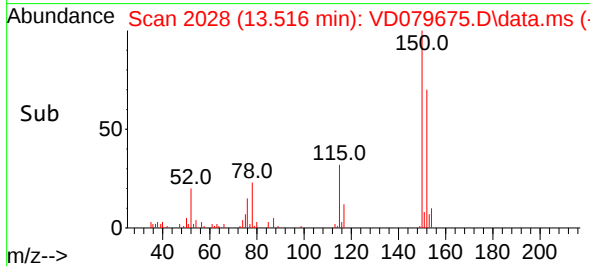


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VD079675.D
 Acq: 08 Aug 2024 18:58

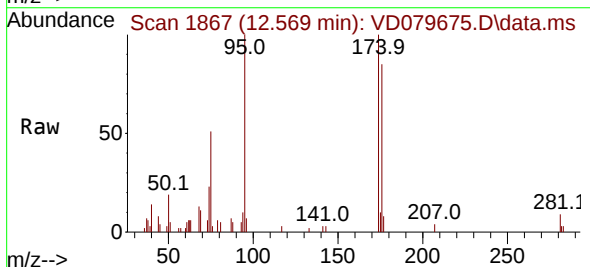
Instrument :
 MSVOA_D
 ClientSampleId :



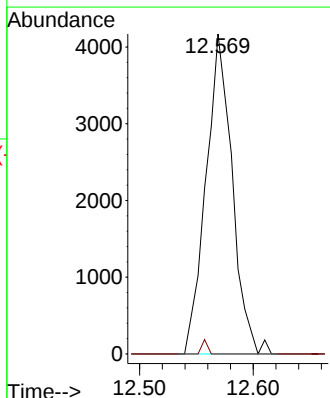
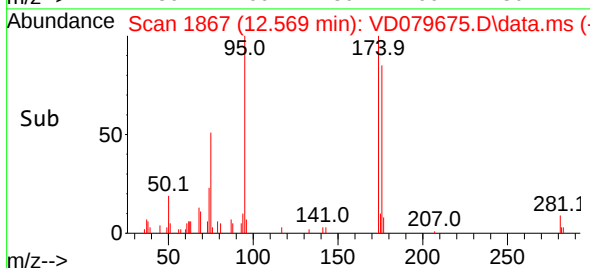
Tgt Ion:152 Resp: 19284
 Ion Ratio Lower Upper
 152 100
 115 50.2 26.5 79.5
 150 148.6 0.0 341.6

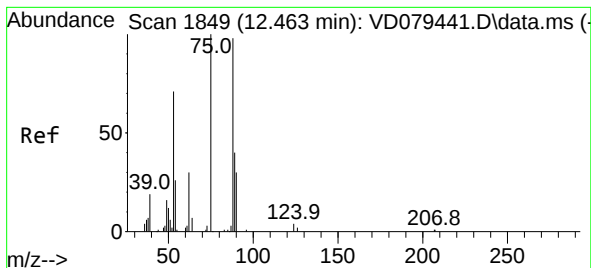


#76
 1,2,3-Trichloropropane
 Concen: 39.736 ug/l
 RT: 12.569 min Scan# 1867
 Delta R.T. -0.153 min
 Lab File: VD079675.D
 Acq: 08 Aug 2024 18:58



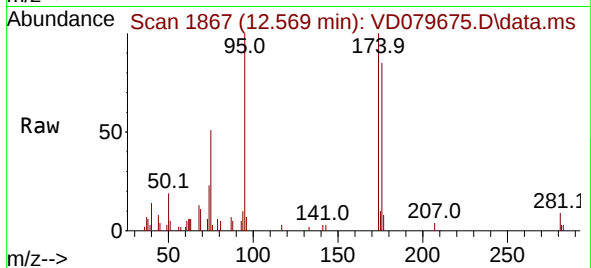
Tgt Ion: 75 Resp: 6698
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#



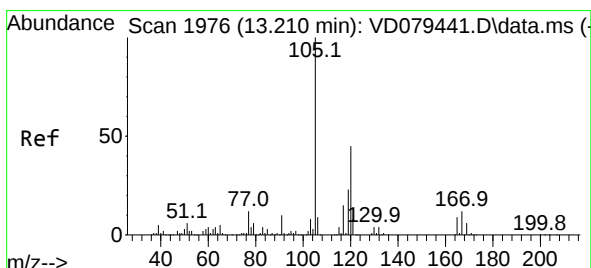
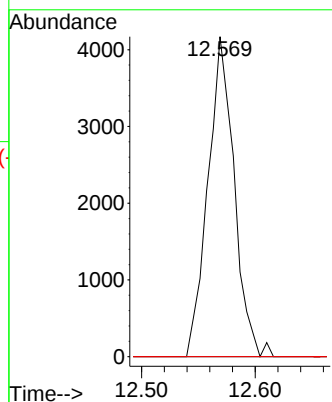
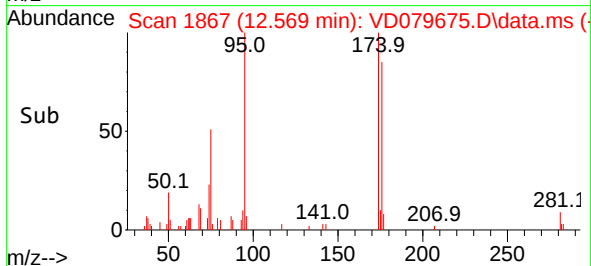


#81
trans-1,4-Dichloro-2-butene
Concen: 75.788 ug/l
RT: 12.569 min Scan# 11
Delta R.T. 0.100 min
Lab File: VD079675.D
Acq: 08 Aug 2024 18:58

Instrument :
MSVOA_D
ClientSampleId :

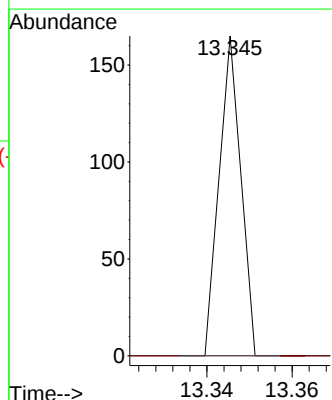
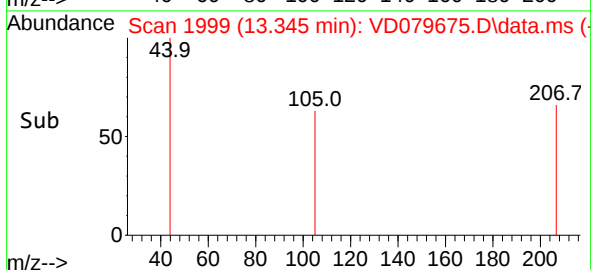
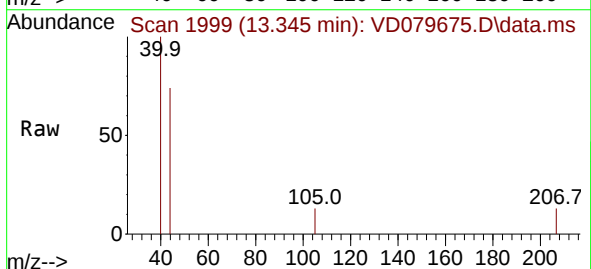


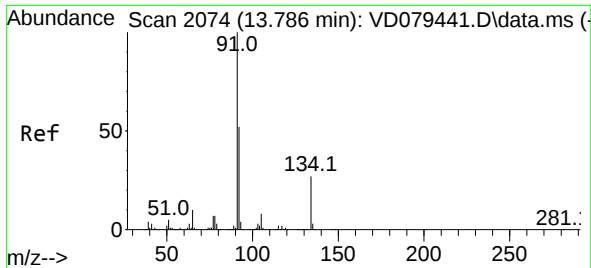
Tgt Ion: 75 Resp: 6698
Ion Ratio Lower Upper
75 100
53 0.0 61.4 92.2#
89 0.0 35.4 53.0#



#84
1,2,4-Trimethylbenzene
Concen: 3.473 ug/l
RT: 13.345 min Scan# 1999
Delta R.T. 0.141 min
Lab File: VD079675.D
Acq: 08 Aug 2024 18:58

Tgt Ion: 105 Resp: 58
Ion Ratio Lower Upper
105 100
120 0.0 23.6 71.0#





#89
 n-Butylbenzene
 Concen: 3.866 ug/l
 RT: 13.781 min Scan# 2073
 Delta R.T. -0.000 min
 Lab File: VD079675.D
 Acq: 08 Aug 2024 18:58

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion:	91	Resp:	113
Ion	Ratio	Lower	Upper
91	100		
92	54.9	25.7	77.0
134	0.0	13.6	40.8#

