

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080524\
 Data File : VD079598.D
 Acq On : 06 Aug 2024 01:02
 Operator : RP/MD
 Sample : P3374-01
 Misc : 9.09G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 06 02:54:20 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)

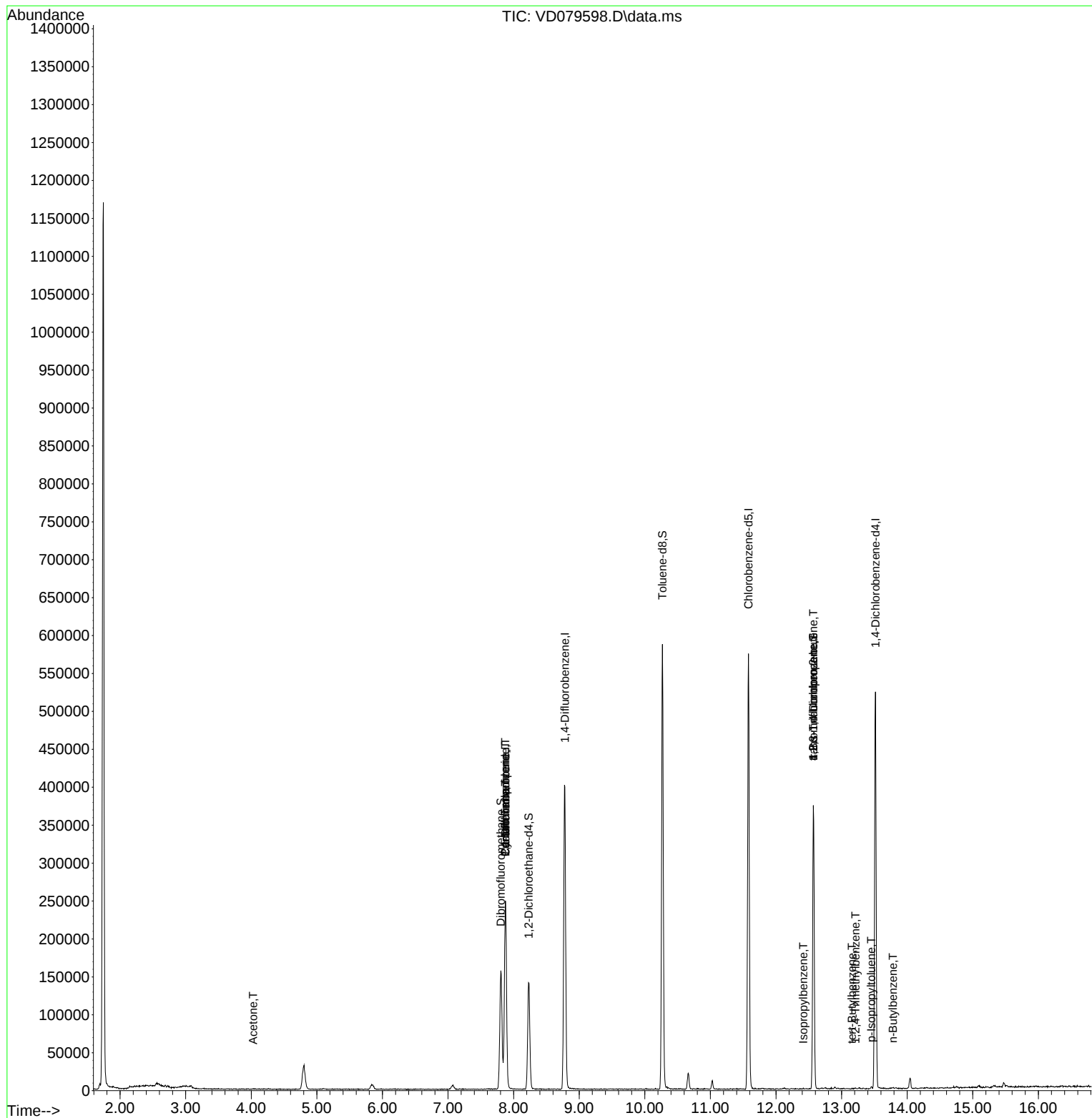
Internal Standards						
1) Pentafluorobenzene	7.875	168	192832	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	371792	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	340217	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	148420	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	110722	56.520	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.040%	
35) Dibromofluoromethane	7.805	113	115684	45.971	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 91.940%	
50) Toluene-d8	10.269	98	411420	42.100	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 84.200%	
62) 4-Bromofluorobenzene	12.569	95	112087	39.636	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 79.280%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.711	94	890	Below Cal	#	48
11) Tert butyl alcohol	5.052	59	64	Below Cal	#	86
13) Acrolein	3.681	56	67	Below Cal	#	15
16) Acetone	4.028	43	612	1.608	ug/l #	37
20) Methylene Chloride	4.805	84	24577	Below Cal	#	89
31) Cyclohexane	7.875	56	4019	1.235	ug/l #	1
36) 1,1-Dichloropropene	7.875	75	16386	4.771	ug/l #	46
38) Carbon Tetrachloride	7.875	117	18715	5.183	ug/l #	16
73) Isopropylbenzene	12.416	105	356	3.657	ug/l #	48
76) 1,2,3-Trichloropropane	12.569	75	54837	42.269	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	54837	80.618	ug/l #	19
83) tert-Butylbenzene	13.157	119	182	3.649	ug/l #	67
84) 1,2,4-Trimethylbenzene	13.210	105	674	3.496	ug/l	69
86) p-Isopropyltoluene	13.451	119	800	3.957	ug/l #	88
89) n-Butylbenzene	13.781	91	1114	3.889	ug/l #	86

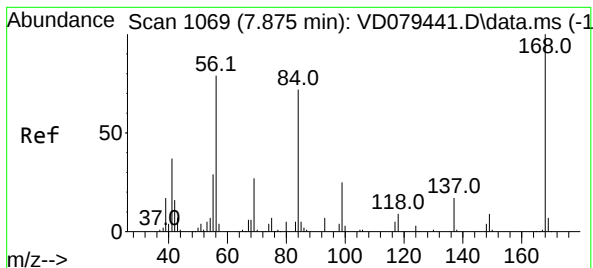
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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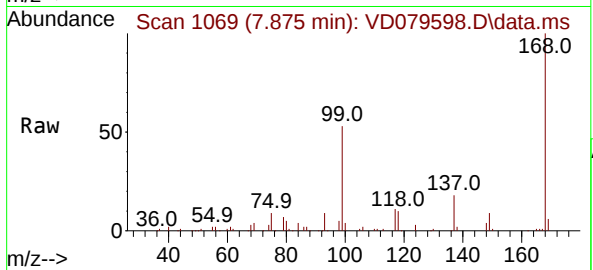
Quant Time: Aug 06 02:54:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:50:47 2024
Response via : Initial Calibration



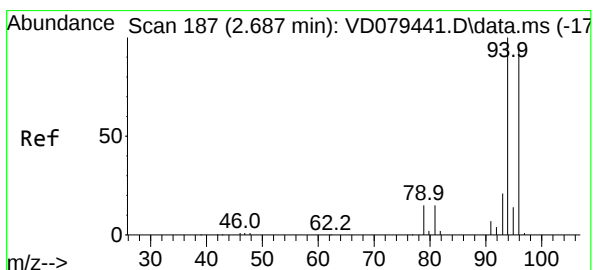
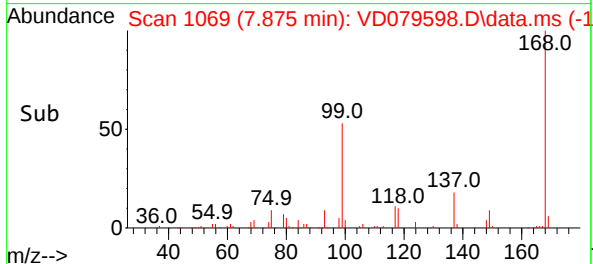
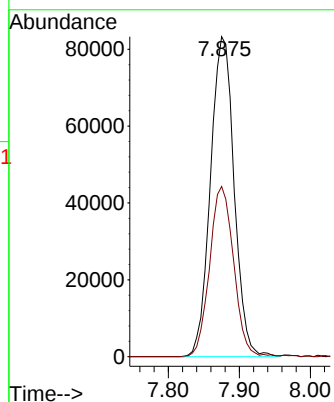


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079598.D
Acq: 06 Aug 2024 01:02

Instrument :
MSVOA_D
ClientSampleId :

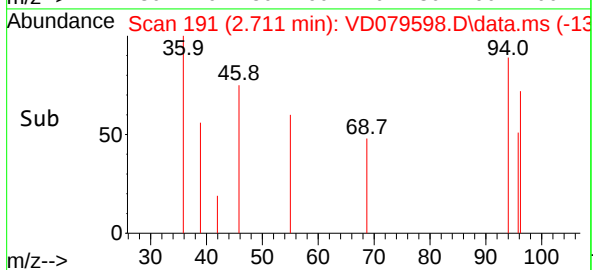
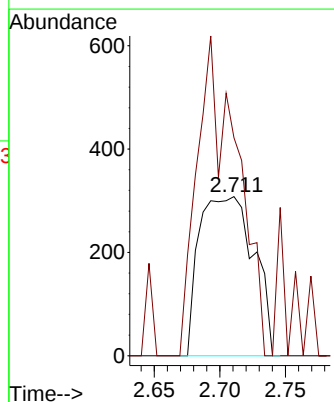
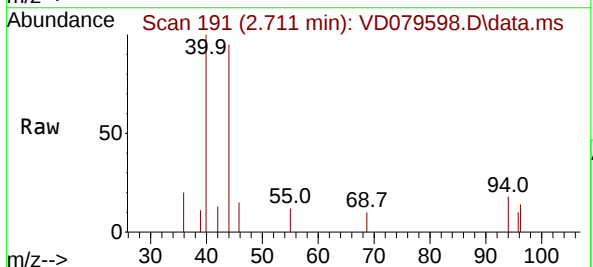


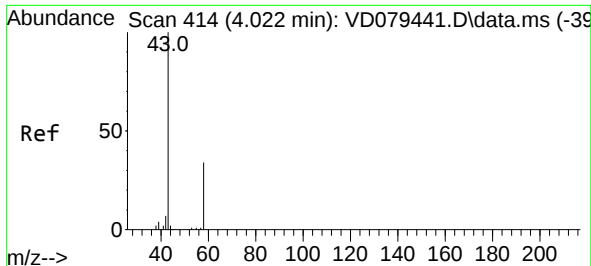
Tgt Ion:168 Resp: 192832
Ion Ratio Lower Upper
168 100
99 53.2 41.1 61.7



#5
Bromomethane
Concen: Below Cal
RT: 2.711 min Scan# 191
Delta R.T. 0.024 min
Lab File: VD079598.D
Acq: 06 Aug 2024 01:02

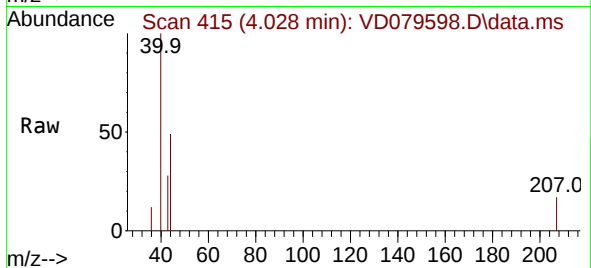
Tgt Ion: 94 Resp: 890
Ion Ratio Lower Upper
94 100
96 147.4 76.9 115.3#



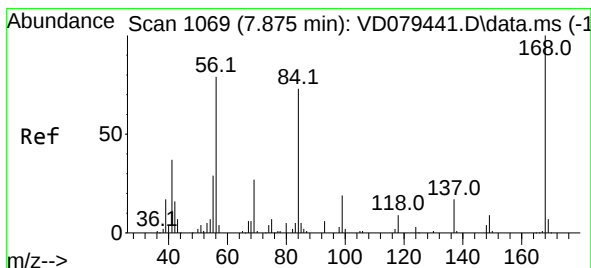
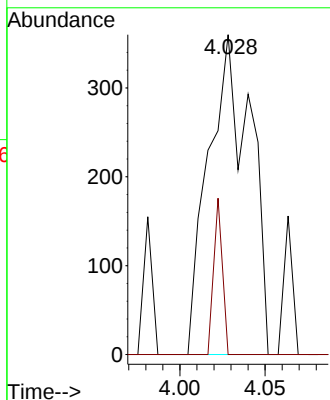
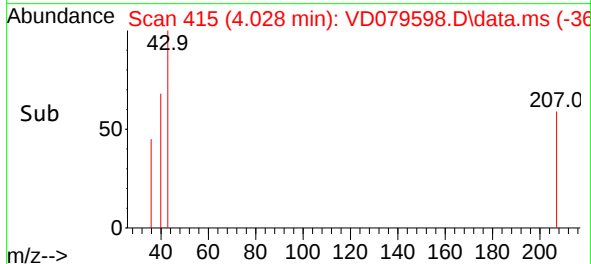


#16
Acetone
Concen: 1.608 ug/l
RT: 4.028 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD079598.D
Acq: 06 Aug 2024 01:02

Instrument :
MSVOA_D
ClientSampleId :

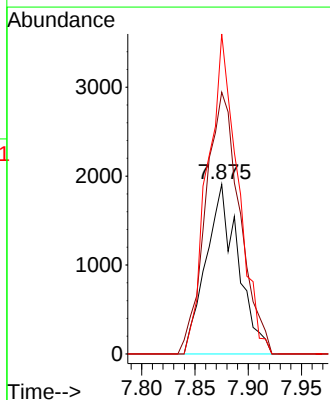
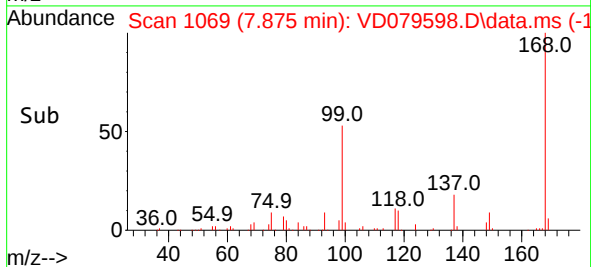
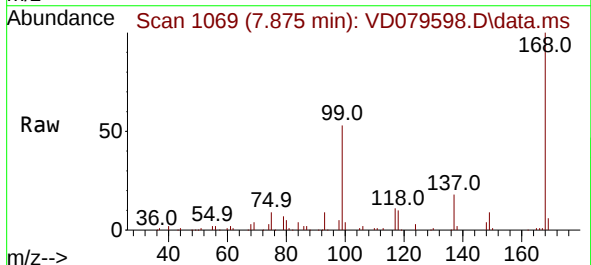


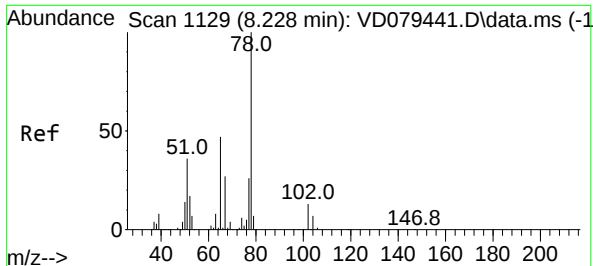
Tgt Ion: 43 Resp: 612
Ion Ratio Lower Upper
43 100
58 0.0 30.4 45.6#



#31
Cyclohexane
Concen: 1.235 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD079598.D
Acq: 06 Aug 2024 01:02

Tgt Ion: 56 Resp: 4019
Ion Ratio Lower Upper
56 100
69 154.3 28.0 42.0#
84 188.6 87.4 131.0#





#33

1,2-Dichloroethane-d4

Concen: 56.520 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD079598.D

Acq: 06 Aug 2024 01:02

Instrument :

MSVOA_D

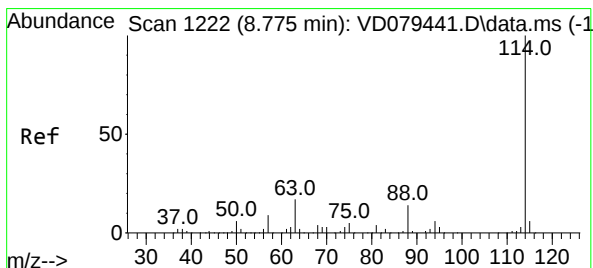
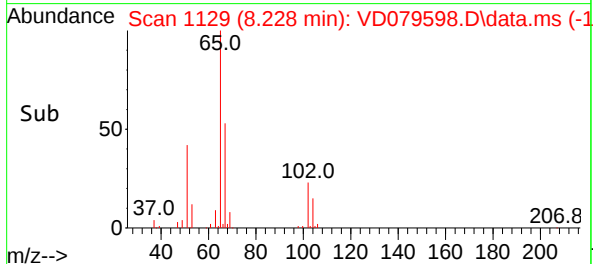
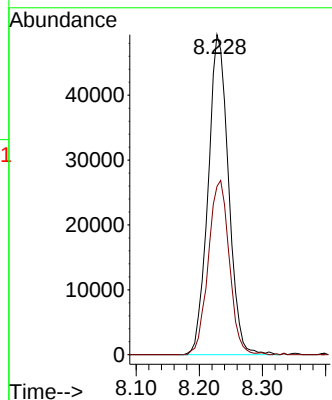
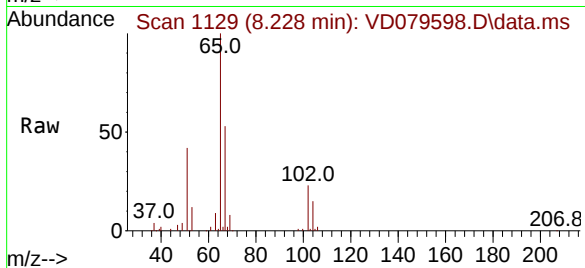
ClientSampleId :

Tgt Ion: 65 Resp: 110722

Ion Ratio Lower Upper

65 100

67 55.9 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD079598.D

Acq: 06 Aug 2024 01:02

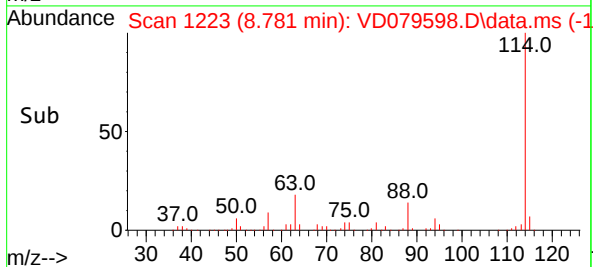
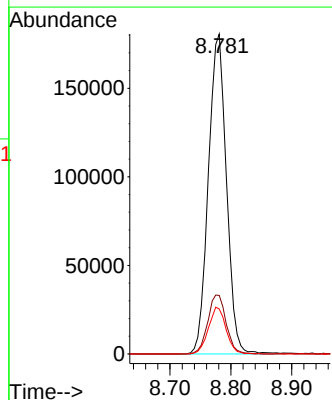
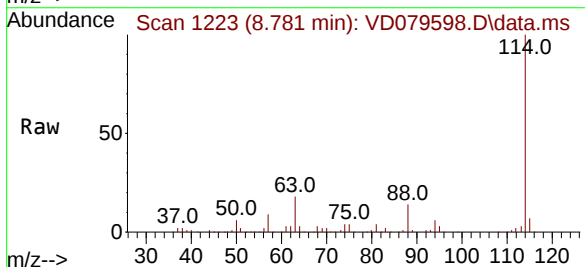
Tgt Ion: 114 Resp: 371792

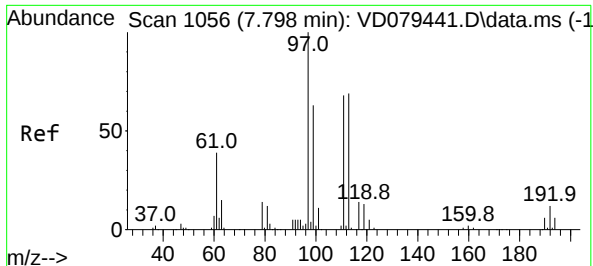
Ion Ratio Lower Upper

114 100

63 18.3 0.0 34.0

88 14.1 0.0 27.2





#35

Dibromofluoromethane

Concen: 45.971 ug/l

RT: 7.805 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VD079598.D

Acq: 06 Aug 2024 01:02

Instrument :

MSVOA_D

ClientSampleId :

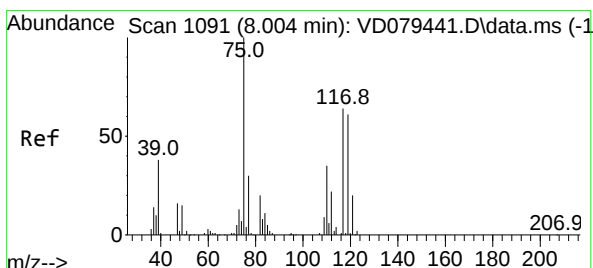
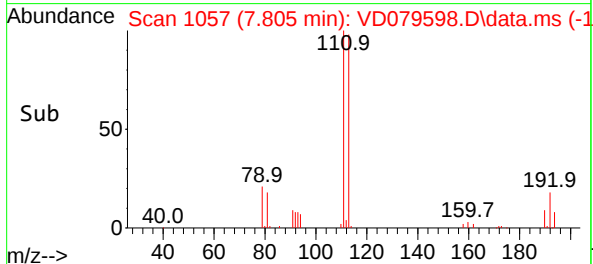
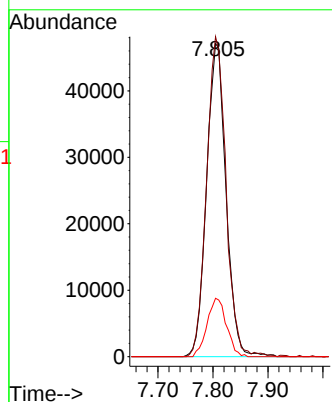
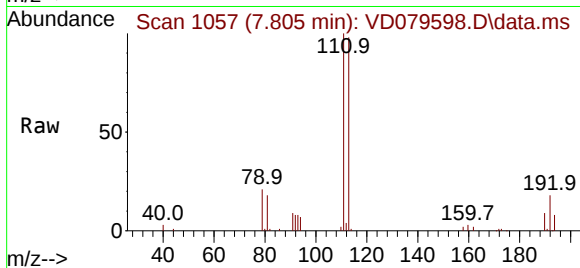
Tgt Ion:113 Resp: 115684

Ion Ratio Lower Upper

113 100

111 102.2 84.0 126.0

192 18.6 15.4 23.0



#36

1,1-Dichloropropene

Concen: 4.771 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

Lab File: VD079598.D

Acq: 06 Aug 2024 01:02

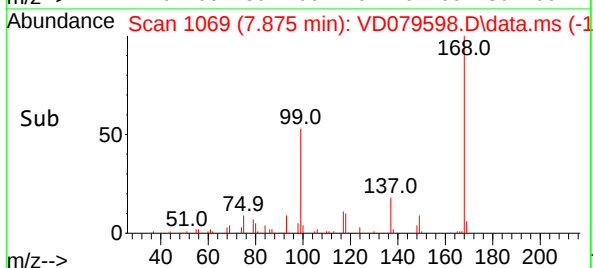
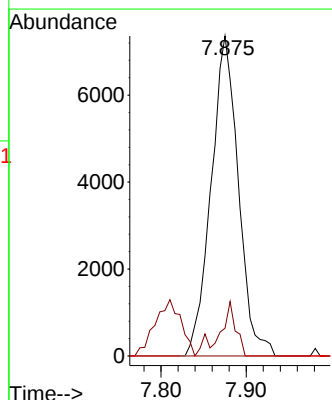
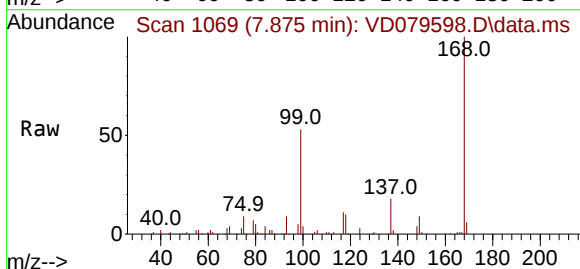
Tgt Ion: 75 Resp: 16386

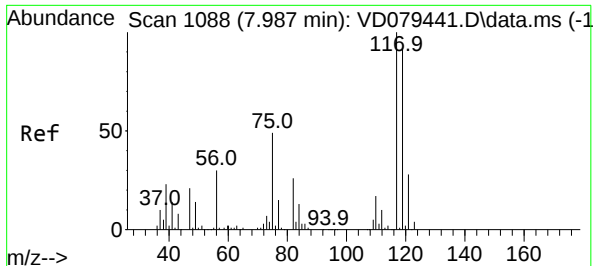
Ion Ratio Lower Upper

75 100

110 8.2 19.6 58.7#

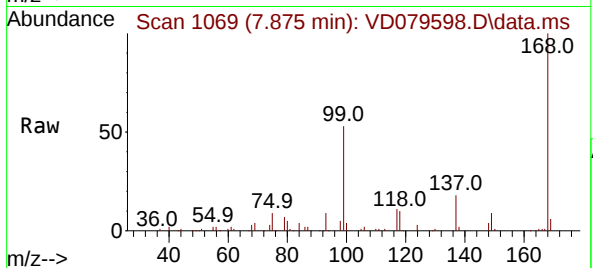
77 0.0 26.1 39.1#



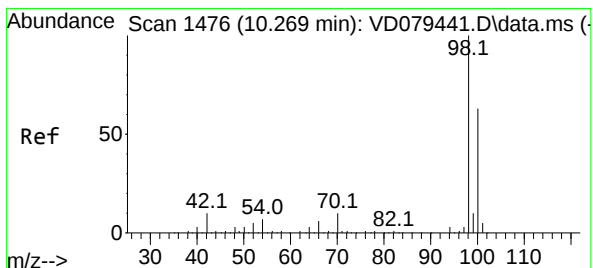
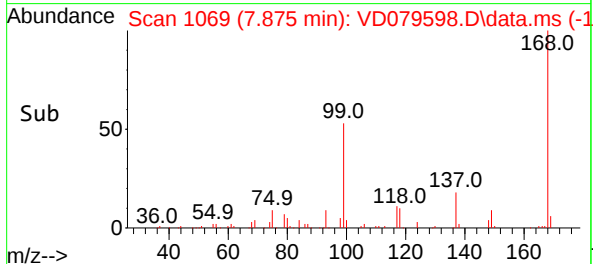
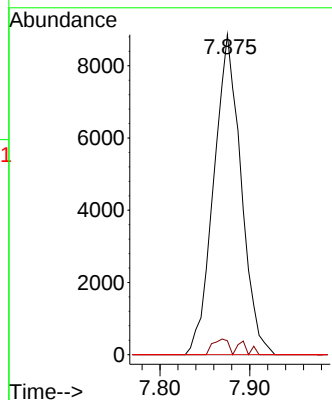


#38
Carbon Tetrachloride
Concen: 5.183 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.112 min
Lab File: VD079598.D
Acq: 06 Aug 2024 01:02

Instrument :
MSVOA_D
ClientSampleId :

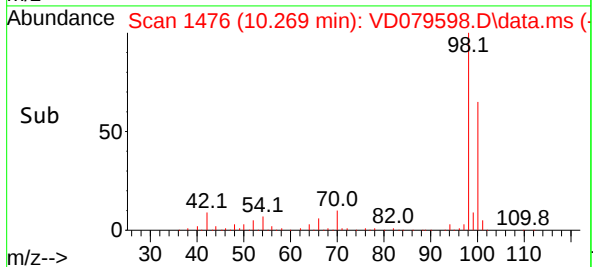
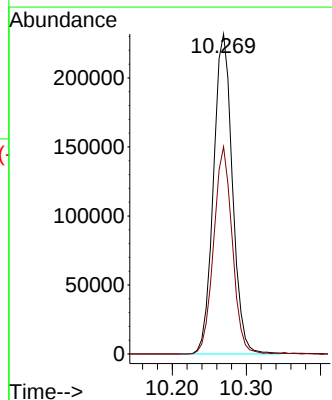
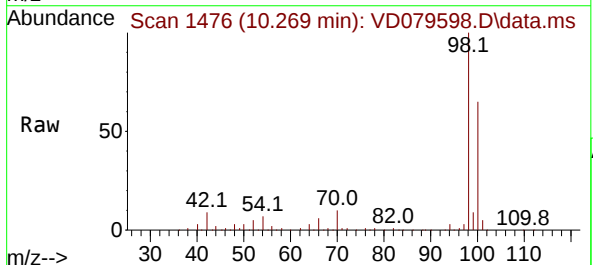


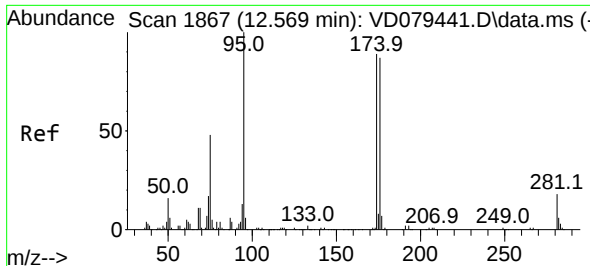
Tgt Ion:117 Resp: 18715
Ion Ratio Lower Upper
117 100
119 4.3 75.4 113.0#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 42.100 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079598.D
Acq: 06 Aug 2024 01:02

Tgt Ion: 98 Resp: 411420
Ion Ratio Lower Upper
98 100
100 63.5 51.6 77.4

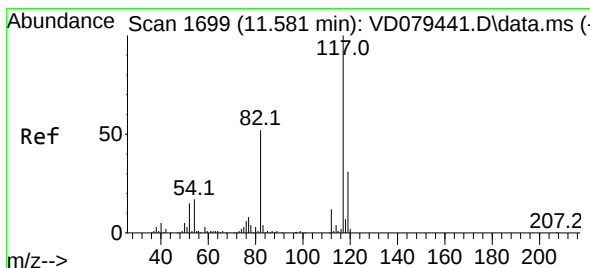
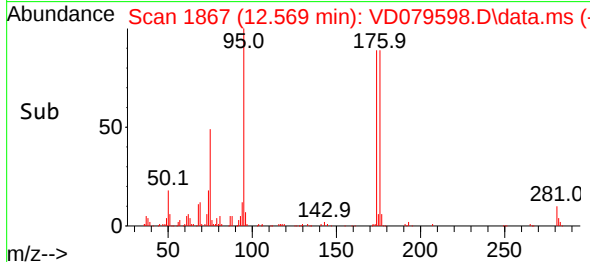
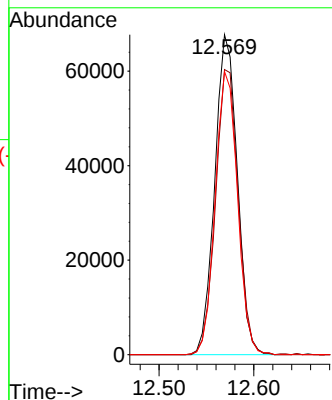
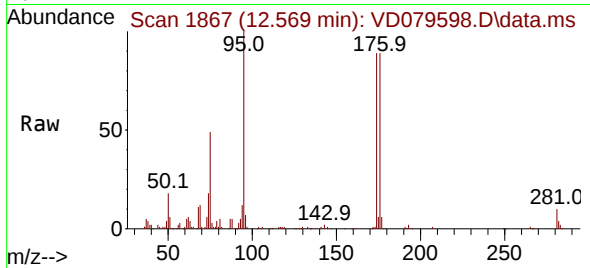




#62
4-Bromofluorobenzene
Concen: 39.636 ug/l
RT: 12.569 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079598.D
Acq: 06 Aug 2024 01:02

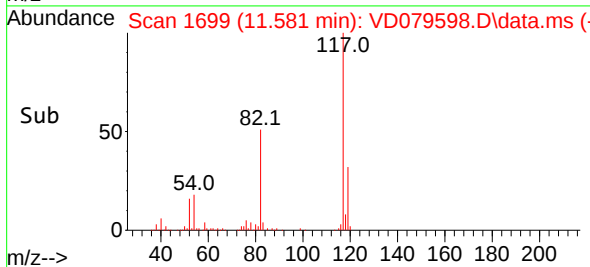
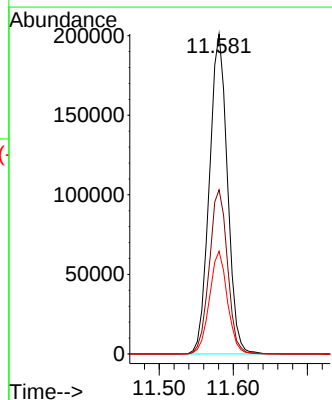
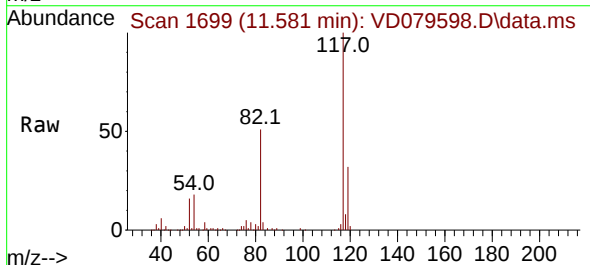
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MSVOA_D
ClientSampleId :

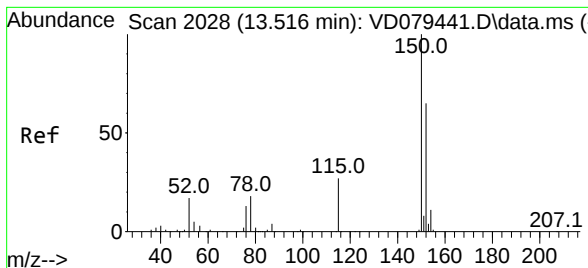
Tgt Ion: 95 Resp: 112087
Ion Ratio Lower Upper
95 100
174 89.4 0.0 195.4
176 87.6 0.0 192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079598.D
Acq: 06 Aug 2024 01:02

Tgt Ion: 117 Resp: 340217
Ion Ratio Lower Upper
117 100
82 51.3 39.8 59.6
119 32.1 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: VD079598.D

Acq: 06 Aug 2024 01:02

Instrument :

MSVOA_D

ClientSampleId :

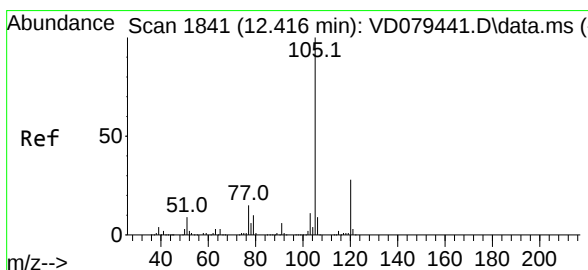
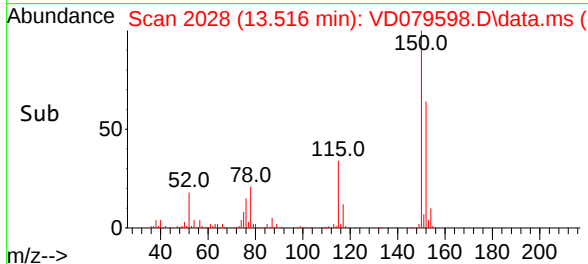
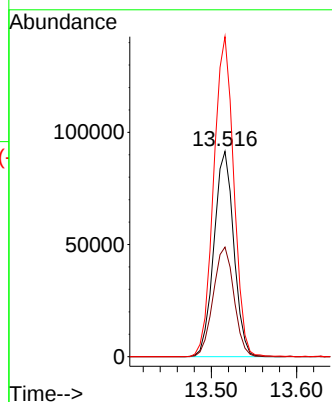
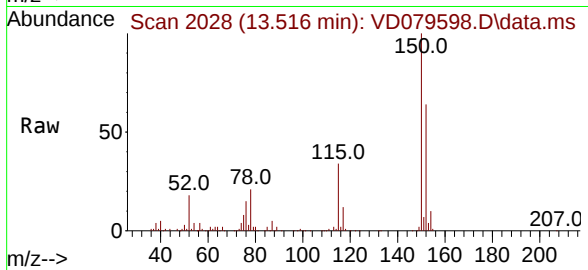
Tgt Ion:152 Resp: 148420

Ion Ratio Lower Upper

152 100

115 55.8 26.5 79.5

150 157.6 0.0 341.6



#73

Isopropylbenzene

Concen: 3.657 ug/l

RT: 12.416 min Scan# 1841

Delta R.T. 0.000 min

Lab File: VD079598.D

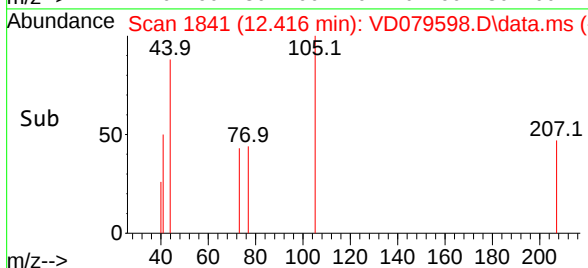
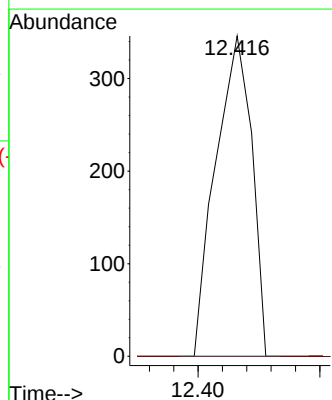
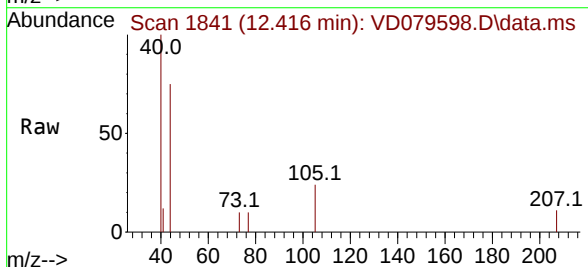
Acq: 06 Aug 2024 01:02

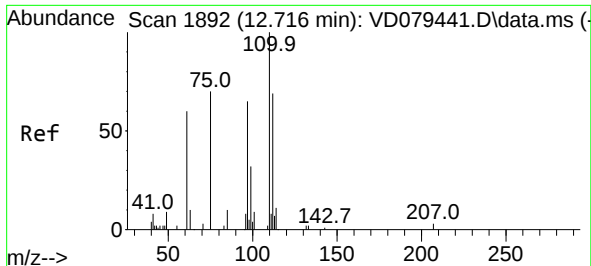
Tgt Ion:105 Resp: 356

Ion Ratio Lower Upper

105 100

120 0.0 13.6 40.7#

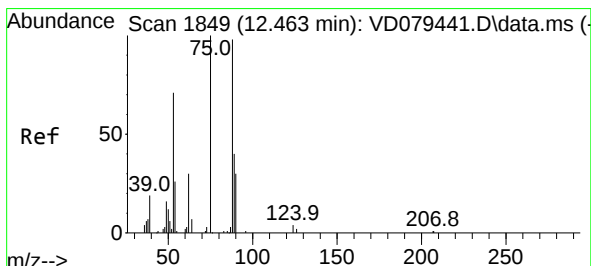
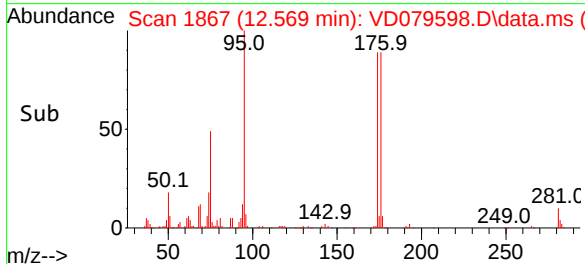
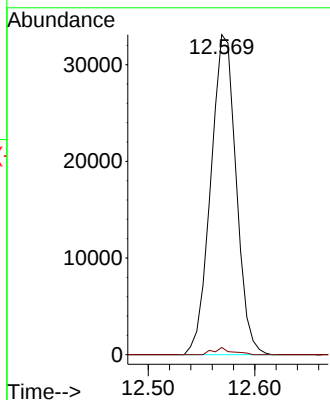
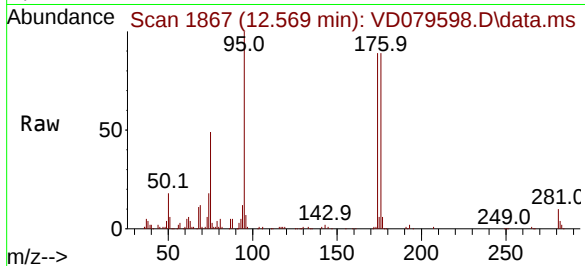




#76
1,2,3-Trichloropropane
Concen: 42.269 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD079598.D
Acq: 06 Aug 2024 01:02

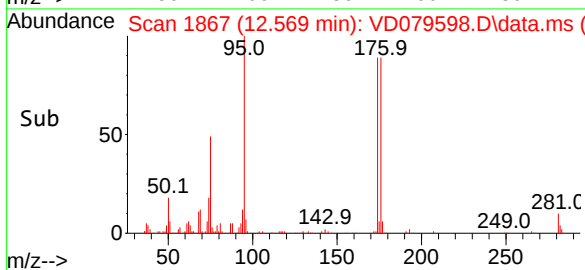
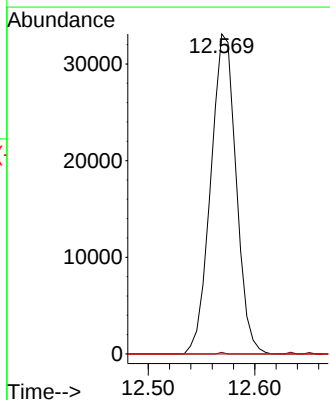
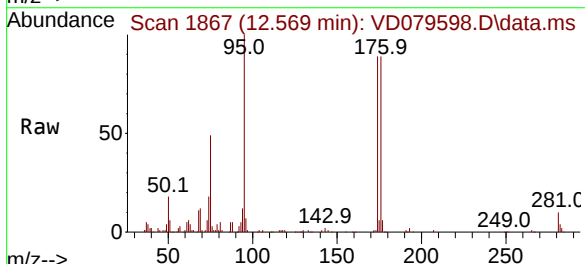
Instrument :
MSVOA_D
ClientSampleId :

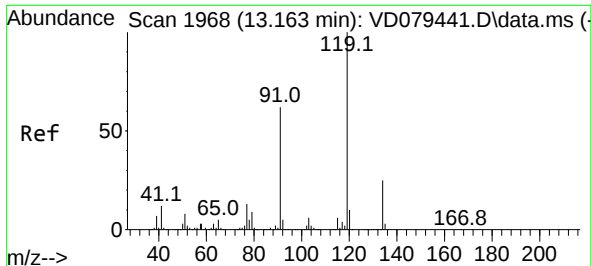
Tgt Ion: 75 Resp: 54837
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 80.618 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD079598.D
Acq: 06 Aug 2024 01:02

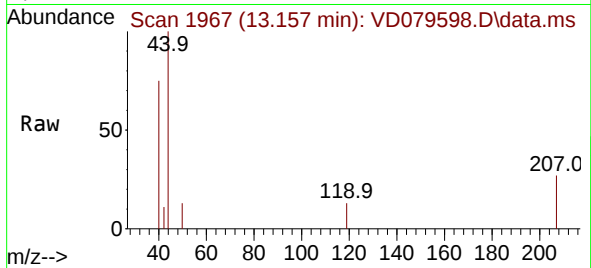
Tgt Ion: 75 Resp: 54837
Ion Ratio Lower Upper
75 100
53 0.1 61.4 92.2#
89 0.0 35.4 53.0#



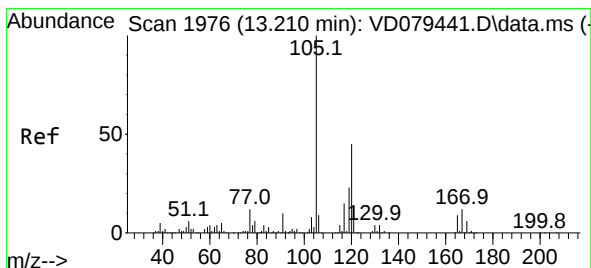
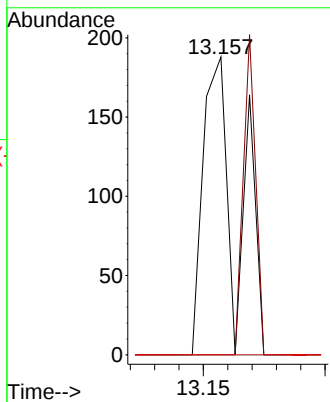
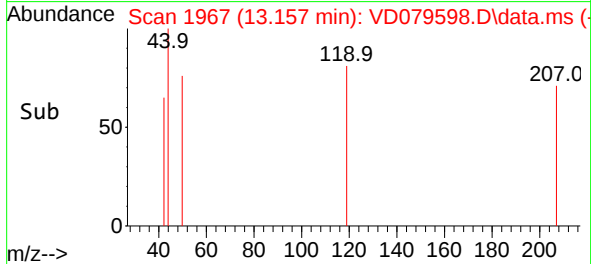


#83
tert-Butylbenzene
Concen: 3.649 ug/l
RT: 13.157 min Scan# 1967
Delta R.T. -0.006 min
Lab File: VD079598.D
Acq: 06 Aug 2024 01:02

Instrument :
MSVOA_D
ClientSampleId :

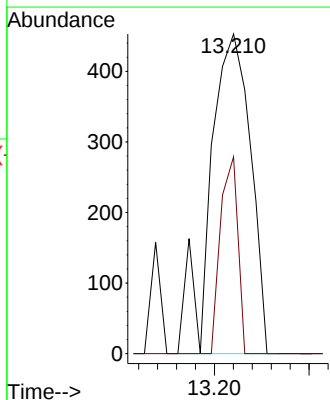
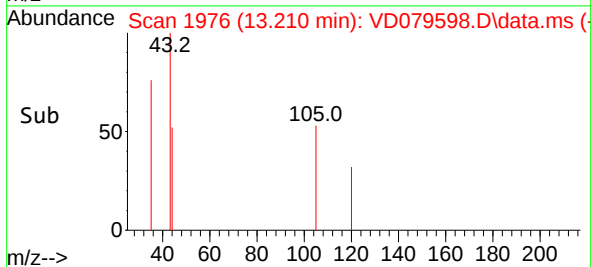
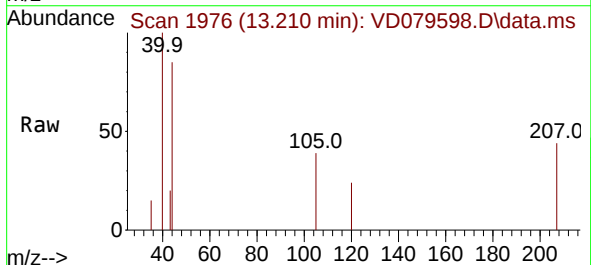


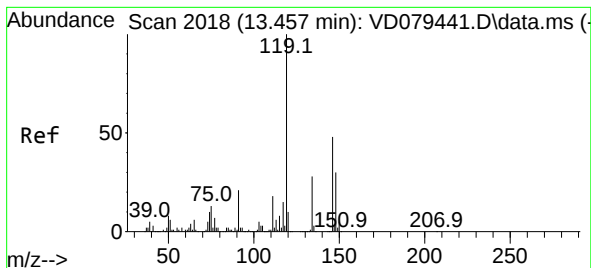
Tgt Ion:119 Resp: 182
Ion Ratio Lower Upper
119 100
91 39.0 28.2 84.7
134 0.0 13.4 40.1#



#84
1,2,4-Trimethylbenzene
Concen: 3.496 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.006 min
Lab File: VD079598.D
Acq: 06 Aug 2024 01:02

Tgt Ion:105 Resp: 674
Ion Ratio Lower Upper
105 100
120 26.4 23.6 71.0

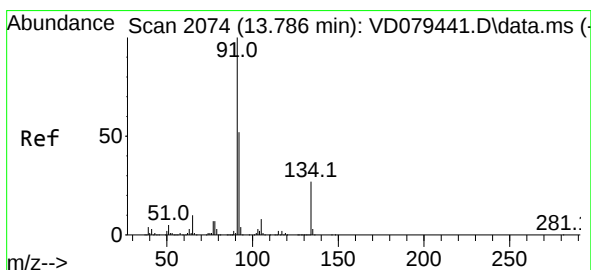
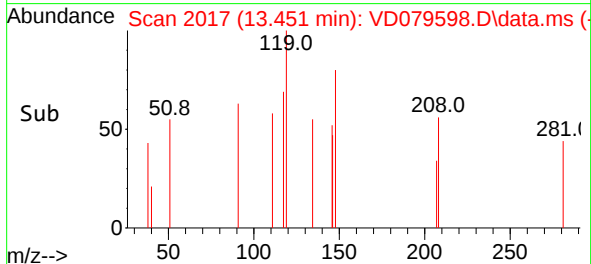
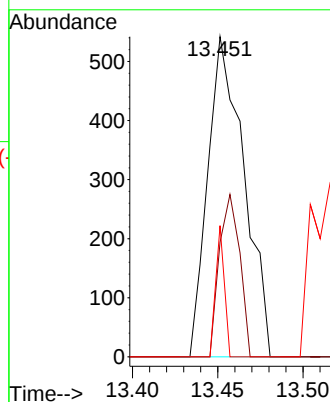
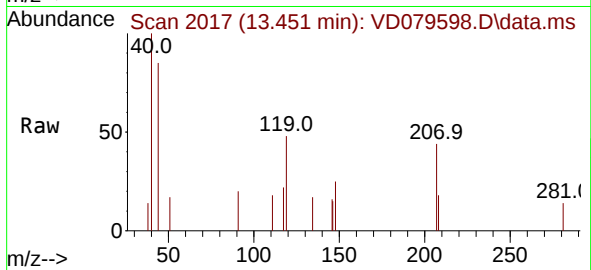




#86
p-Isopropyltoluene
Concen: 3.957 ug/l
RT: 13.451 min Scan# 2018
Delta R.T. -0.006 min
Lab File: VD079598.D
Acq: 06 Aug 2024 01:02

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:119 Resp: 800
Ion Ratio Lower Upper
119 100
134 28.5 13.7 41.1
91 9.8 10.7 32.1#



#89
n-Butylbenzene
Concen: 3.889 ug/l
RT: 13.781 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VD079598.D
Acq: 06 Aug 2024 01:02

Tgt Ion: 91 Resp: 1114
Ion Ratio Lower Upper
91 100
92 50.6 25.7 77.0
134 7.5 13.6 40.8#

