

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080524\
 Data File : VD079576.D
 Acq On : 05 Aug 2024 13:10
 Operator : RP/MD
 Sample : VD0805SBL01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 06 02:44:25 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)

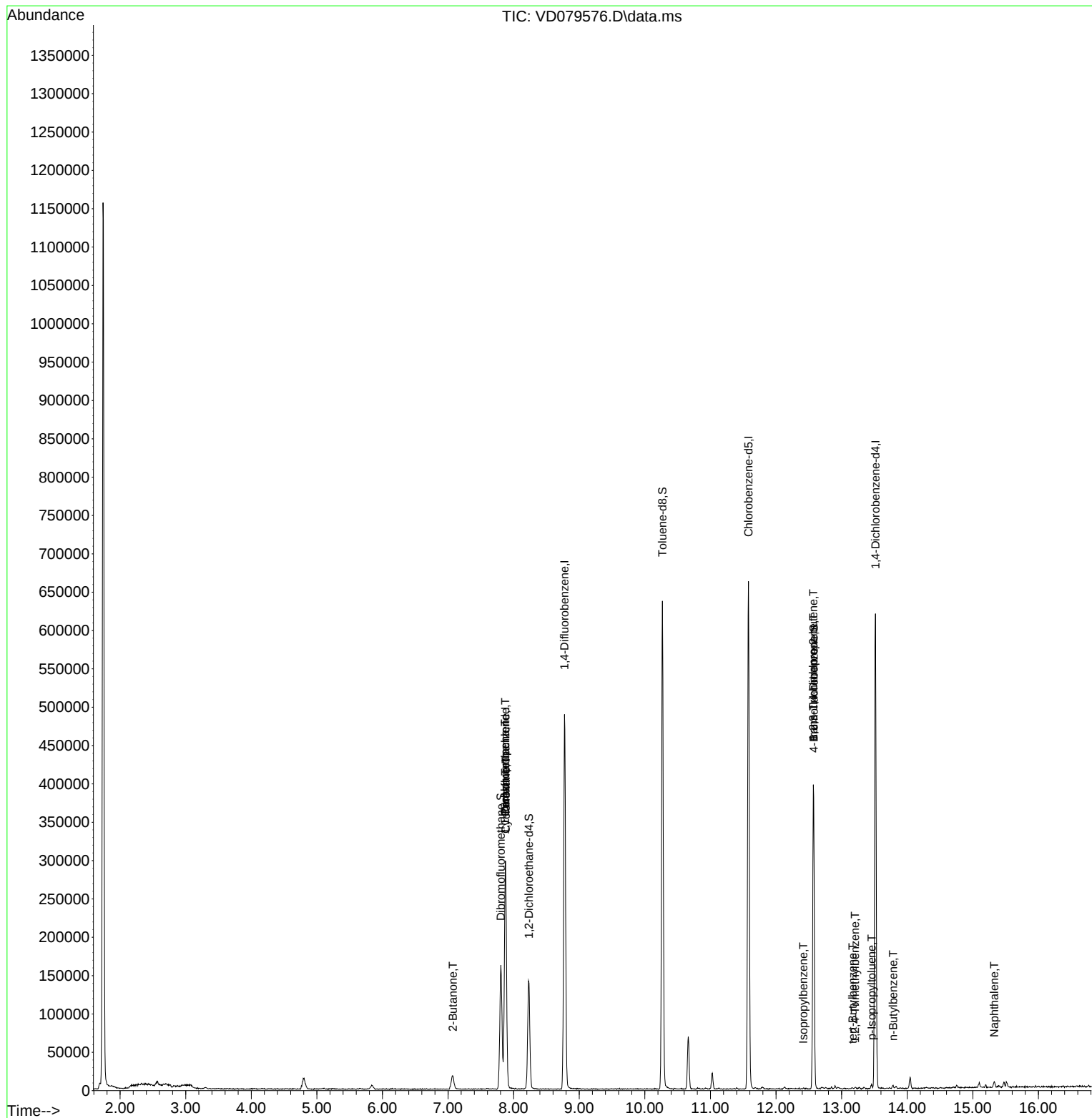
Internal Standards						
1) Pentafluorobenzene	7.875	168	229958	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	438373	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	387680	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	169506	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	110736	47.401	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.800%
35) Dibromofluoromethane	7.805	113	117395	39.565	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	79.140%
50) Toluene-d8	10.269	98	446617	38.761	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	77.520%
62) 4-Bromofluorobenzene	12.575	95	117236	35.160	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	70.320%
Target Compounds						
5) Bromomethane	2.693	94	1507	Below Cal		88
11) Tert butyl alcohol	5.046	59	384	Below Cal	#	86
13) Acrolein	3.811	56	53	Below Cal	#	15
20) Methylene Chloride	4.793	84	10932	Below Cal	#	81
25) 2-Butanone	7.075	43	984	1.529	ug/l #	42
31) Cyclohexane	7.881	56	5116	1.319	ug/l #	40
36) 1,1-Dichloropropene	7.869	75	17730	4.378	ug/l #	47
38) Carbon Tetrachloride	7.875	117	23812	5.593	ug/l #	17
73) Isopropylbenzene	12.416	105	723	3.680	ug/l	75
76) 1,2,3-Trichloropropane	12.569	75	60622	40.915	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	60622	78.036	ug/l #	19
83) tert-Butylbenzene	13.169	119	845	3.714	ug/l #	80
84) 1,2,4-Trimethylbenzene	13.204	105	1016	3.518	ug/l	78
86) p-Isopropyltoluene	13.457	119	1580	4.009	ug/l #	76
89) n-Butylbenzene	13.787	91	2297	3.976	ug/l	81
95) Naphthalene	15.328	128	7210	1.314	ug/l #	90

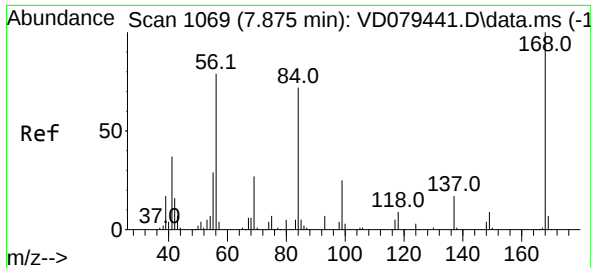
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080524\
Data File : VD079576.D
Acq On : 05 Aug 2024 13:10
Operator : RP/MD
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Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

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MSVOA_D
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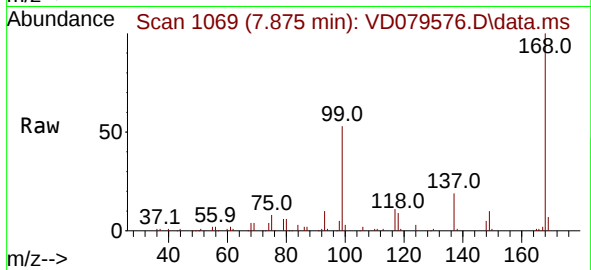
Quant Time: Aug 06 02:44:25 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:50:47 2024
Response via : Initial Calibration



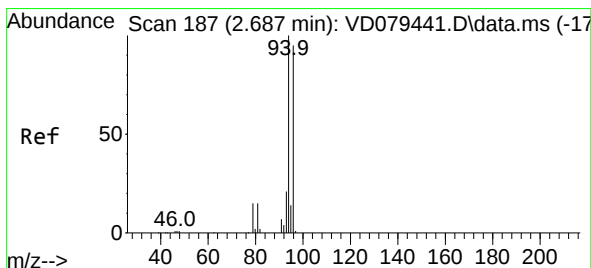
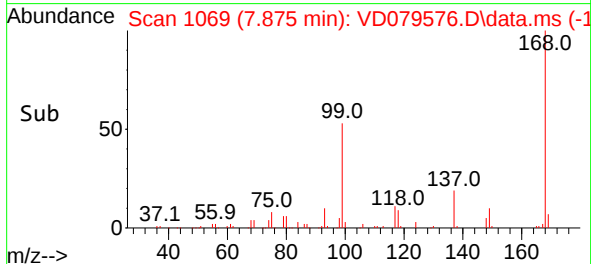
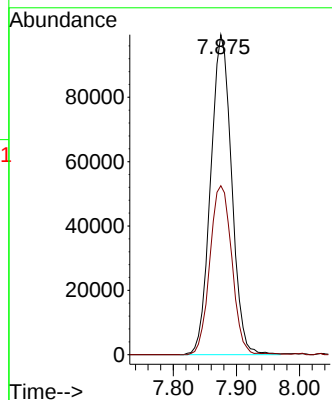


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079576.D
Acq: 05 Aug 2024 13:10

Instrument :
MSVOA_D
ClientSampleId :

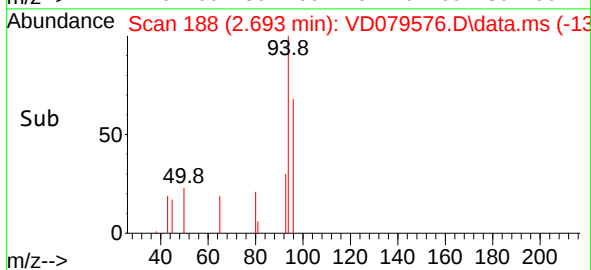
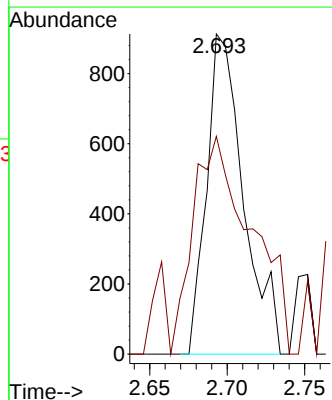
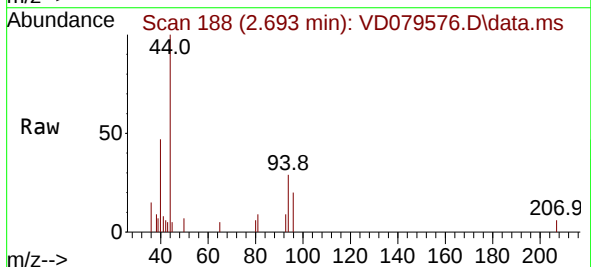


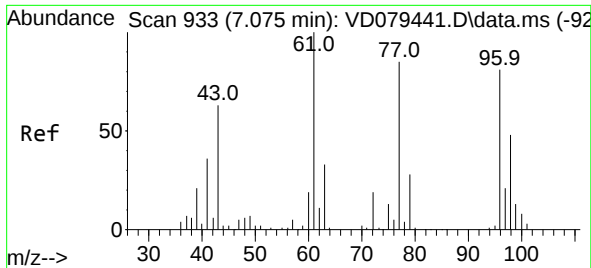
Tgt Ion:168 Resp: 229958
Ion Ratio Lower Upper
168 100
99 52.8 41.1 61.7



#5
Bromomethane
Concen: Below Cal
RT: 2.693 min Scan# 188
Delta R.T. 0.006 min
Lab File: VD079576.D
Acq: 05 Aug 2024 13:10

Tgt Ion: 94 Resp: 1507
Ion Ratio Lower Upper
94 100
96 108.3 76.9 115.3

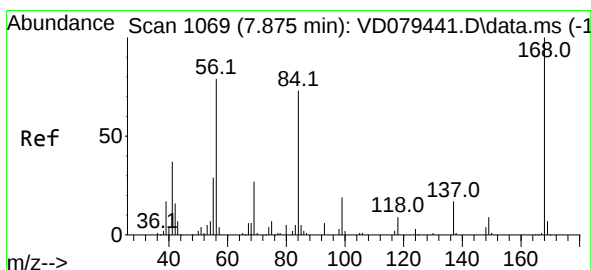
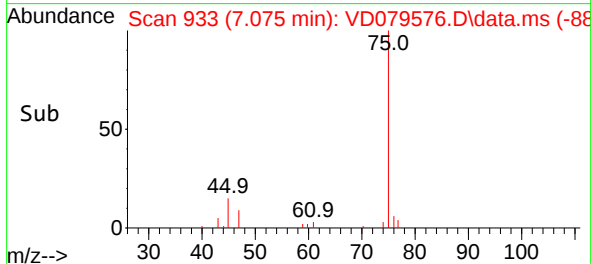
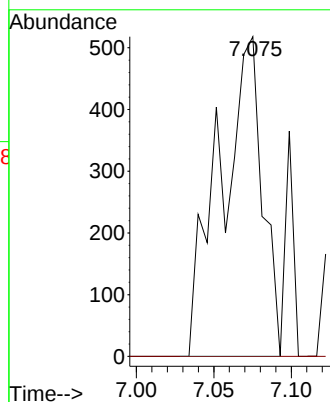
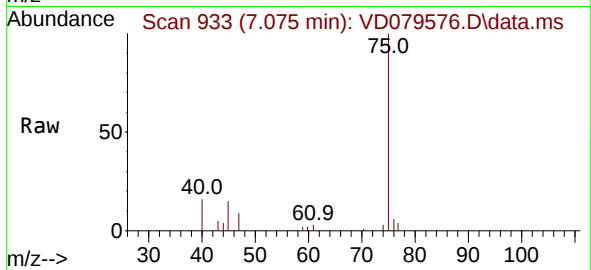




#25
2-Butanone
Concen: 1.529 ug/l
RT: 7.075 min Scan# 91
Delta R.T. -0.018 min
Lab File: VD079576.D
Acq: 05 Aug 2024 13:10

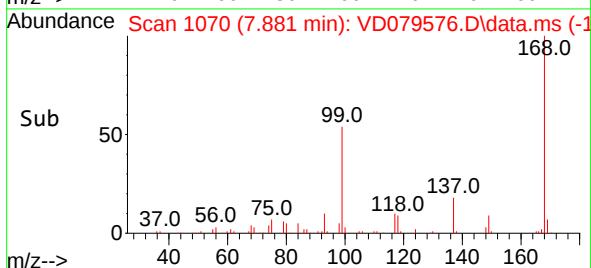
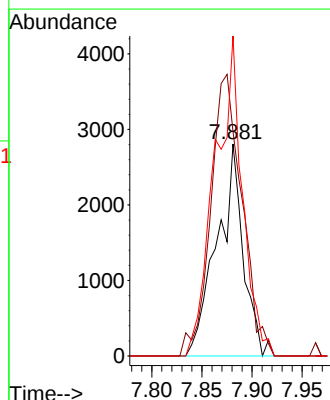
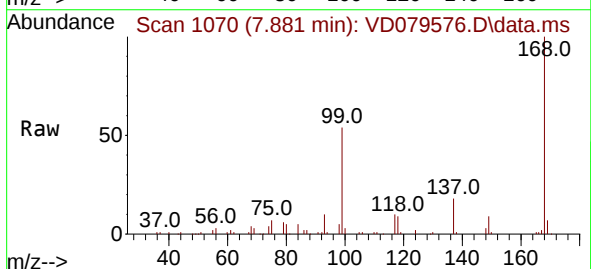
Instrument :
MSVOA_D
ClientSampleId :

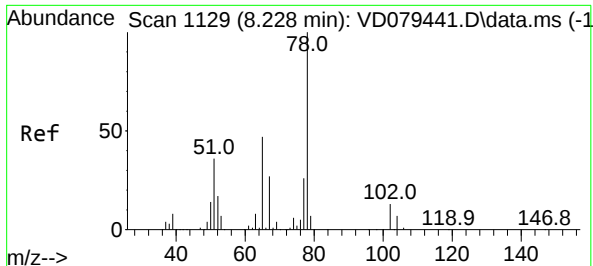
Tgt Ion: 43 Resp: 984
Ion Ratio Lower Upper
43 100
72 0.0 26.4 39.6#



#31
Cyclohexane
Concen: 1.319 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD079576.D
Acq: 05 Aug 2024 13:10

Tgt Ion: 56 Resp: 5116
Ion Ratio Lower Upper
56 100
69 105.9 28.0 42.0#
84 151.0 87.4 131.0#





#33

1,2-Dichloroethane-d4

Concen: 47.401 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD079576.D

Acq: 05 Aug 2024 13:10

Instrument :

MSVOA_D

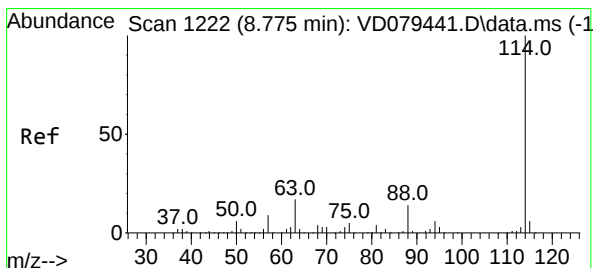
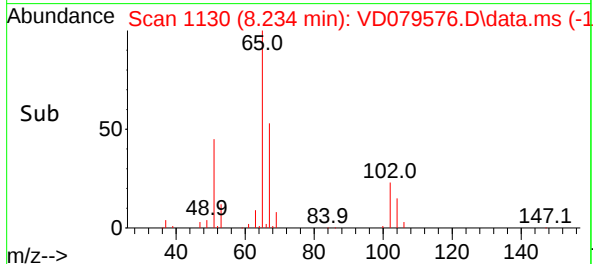
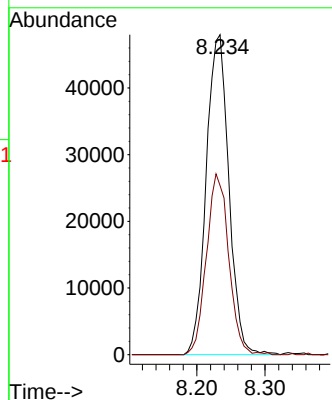
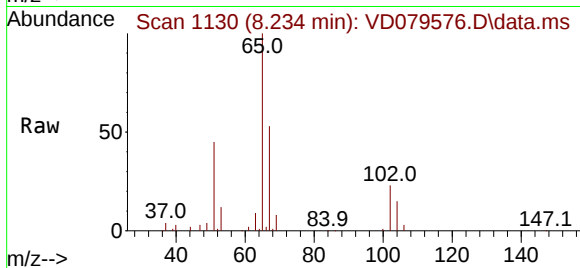
ClientSampleId :

Tgt Ion: 65 Resp: 110736

Ion Ratio Lower Upper

65 100

67 55.8 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: VD079576.D

Acq: 05 Aug 2024 13:10

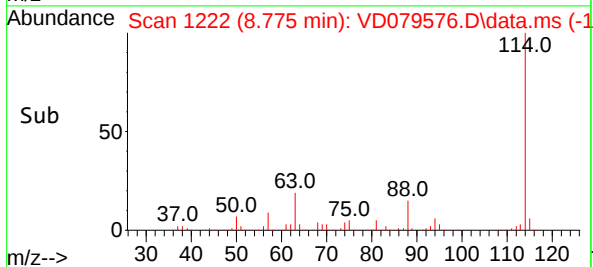
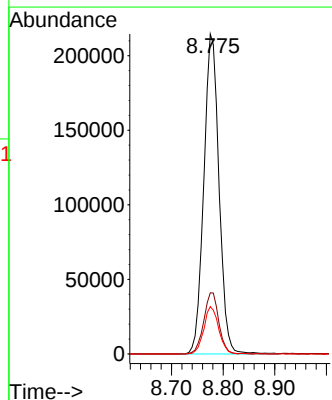
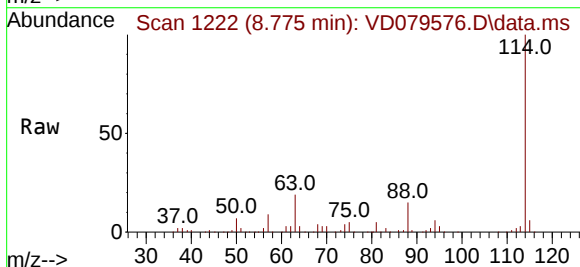
Tgt Ion: 114 Resp: 438373

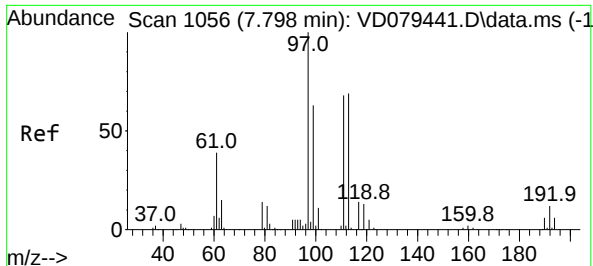
Ion Ratio Lower Upper

114 100

63 19.1 0.0 34.0

88 14.8 0.0 27.2





#35

Dibromofluoromethane

Concen: 39.565 ug/l

RT: 7.805 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VD079576.D

Acq: 05 Aug 2024 13:10

Instrument :

MSVOA_D

ClientSampleId :

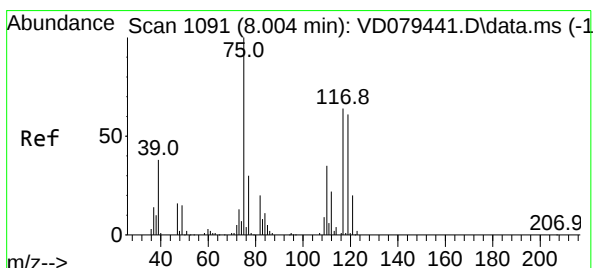
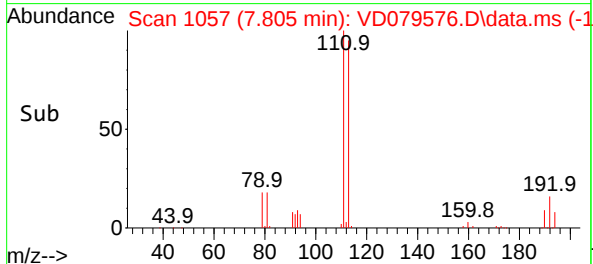
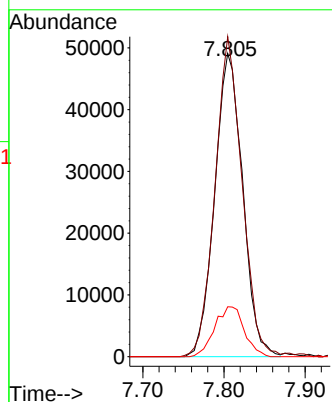
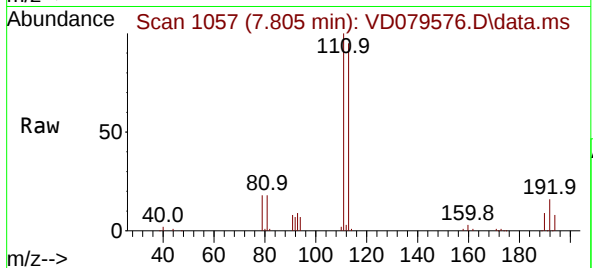
Tgt Ion:113 Resp: 117395

Ion Ratio Lower Upper

113 100

111 102.8 84.0 126.0

192 17.5 15.4 23.0



#36

1,1-Dichloropropene

Concen: 4.378 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.141 min

Lab File: VD079576.D

Acq: 05 Aug 2024 13:10

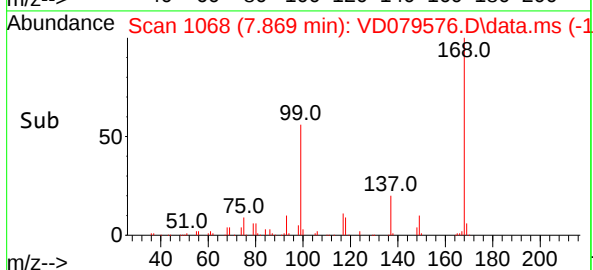
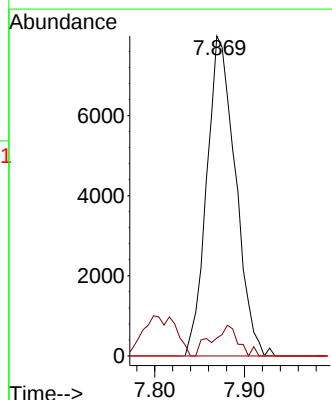
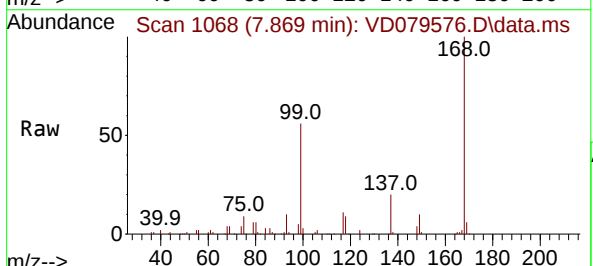
Tgt Ion: 75 Resp: 17730

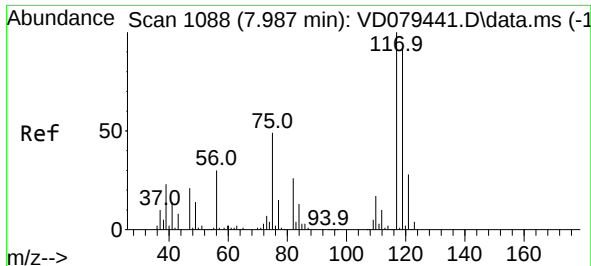
Ion Ratio Lower Upper

75 100

110 8.8 19.6 58.7#

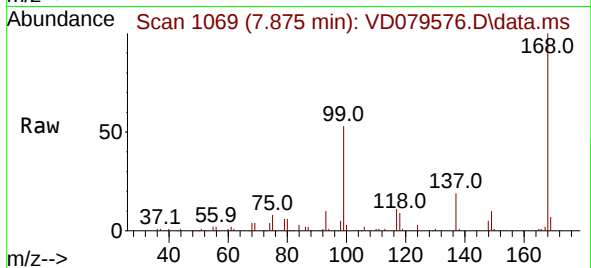
77 0.0 26.1 39.1#



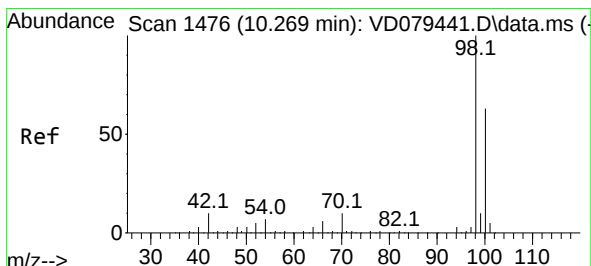
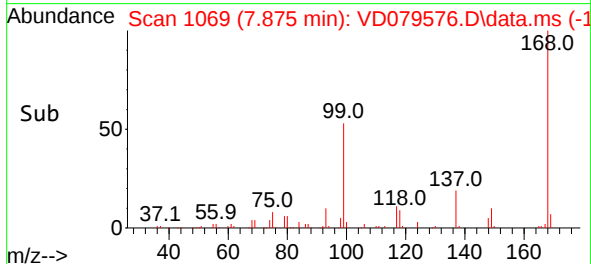
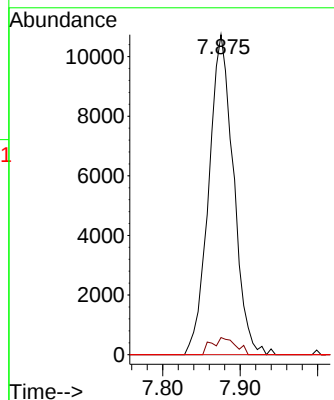


#38
Carbon Tetrachloride
Concen: 5.593 ug/l
RT: 7.875 min Scan# 1088
Delta R.T. -0.112 min
Lab File: VD079576.D
Acq: 05 Aug 2024 13:10

Instrument :
MSVOA_D
ClientSampleId :

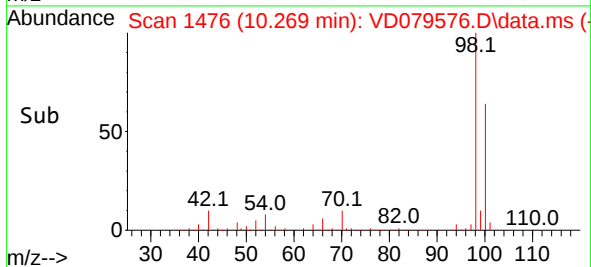
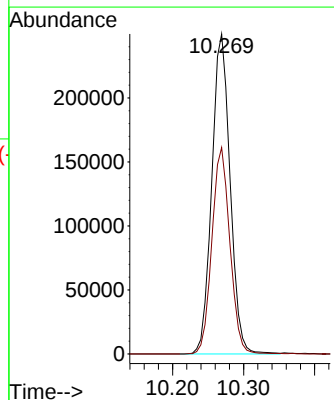
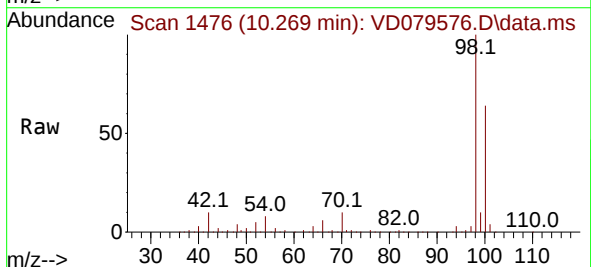


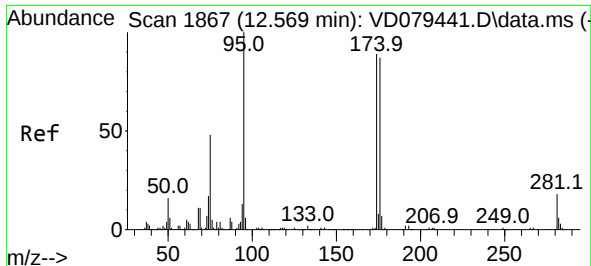
Tgt Ion:117 Resp: 23812
Ion Ratio Lower Upper
117 100
119 5.3 75.4 113.0#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 38.761 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079576.D
Acq: 05 Aug 2024 13:10

Tgt Ion: 98 Resp: 446617
Ion Ratio Lower Upper
98 100
100 63.5 51.6 77.4

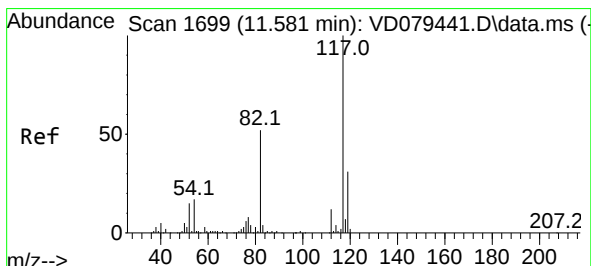
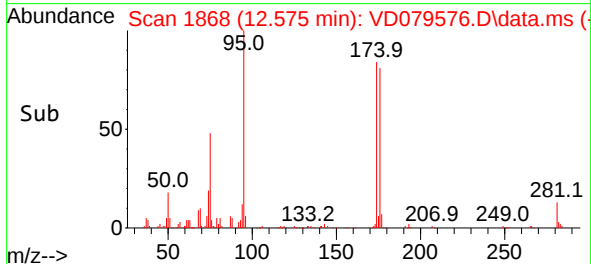
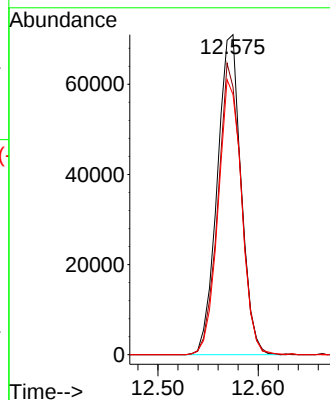
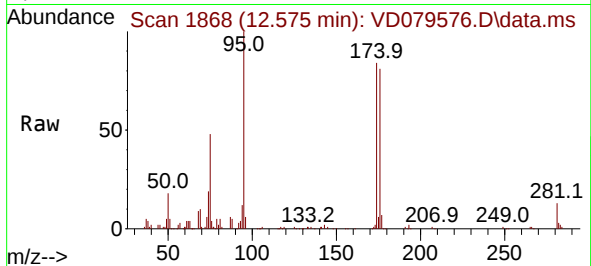




#62
4-Bromofluorobenzene
Concen: 35.160 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD079576.D
Acq: 05 Aug 2024 13:10

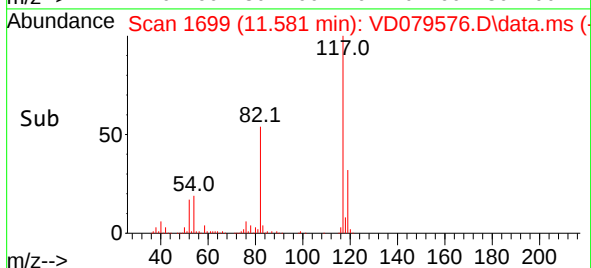
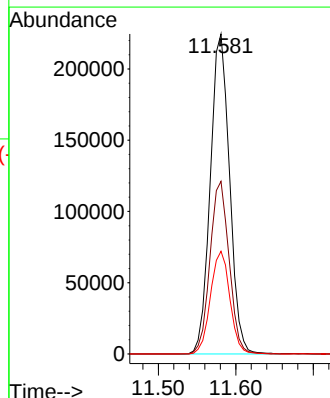
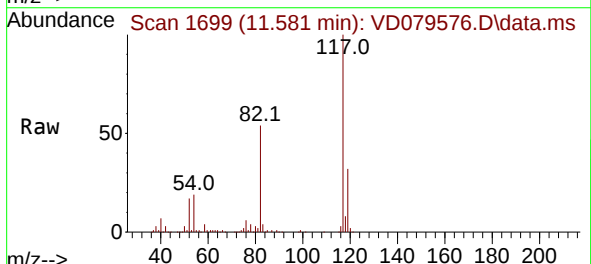
Instrument :
MSVOA_D
ClientSampleId :

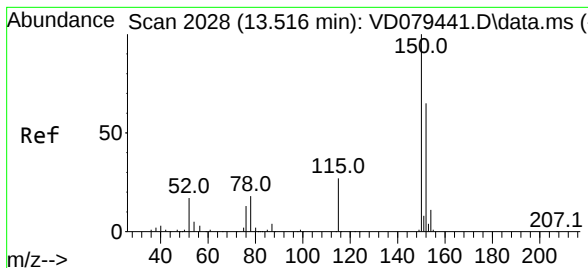
Tgt Ion: 95 Resp: 117236
Ion Ratio Lower Upper
95 100
174 88.9 0.0 195.4
176 84.9 0.0 192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079576.D
Acq: 05 Aug 2024 13:10

Tgt Ion: 117 Resp: 387680
Ion Ratio Lower Upper
117 100
82 54.0 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: VD079576.D

Acq: 05 Aug 2024 13:10

Instrument :

MSVOA_D

ClientSampleId :

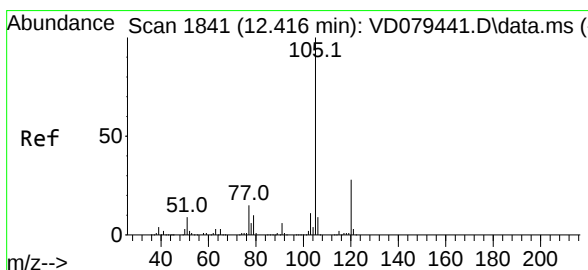
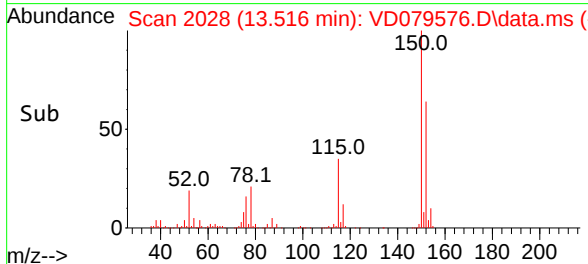
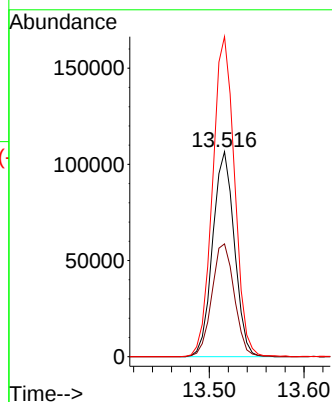
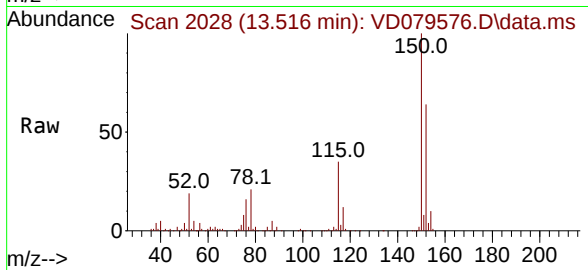
Tgt Ion:152 Resp: 169506

Ion Ratio Lower Upper

152 100

115 57.0 26.5 79.5

150 158.5 0.0 341.6



#73

Isopropylbenzene

Concen: 3.680 ug/l

RT: 12.416 min Scan# 1841

Delta R.T. 0.000 min

Lab File: VD079576.D

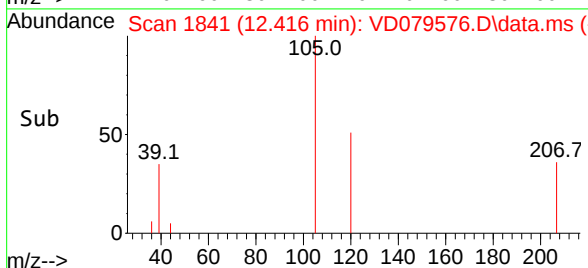
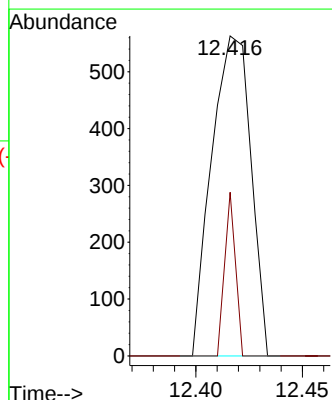
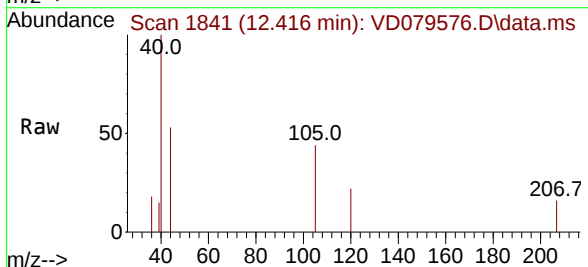
Acq: 05 Aug 2024 13:10

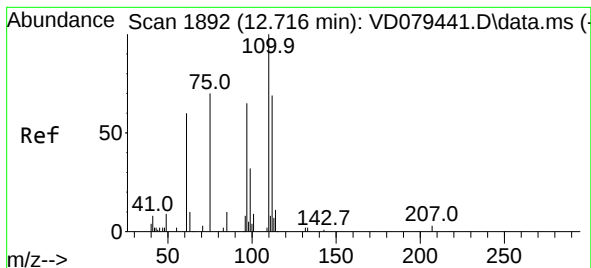
Tgt Ion:105 Resp: 723

Ion Ratio Lower Upper

105 100

120 14.1 13.6 40.7





#76

1,2,3-Trichloropropane

Concen: 40.915 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.153 min

Lab File: VD079576.D

Acq: 05 Aug 2024 13:10

Instrument :

MSVOA_D

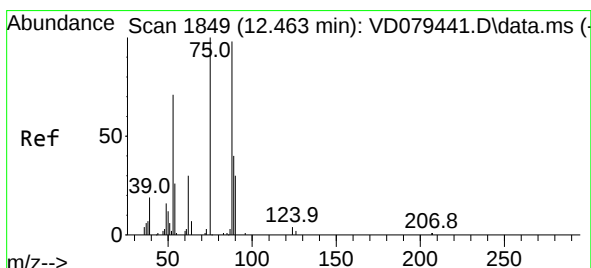
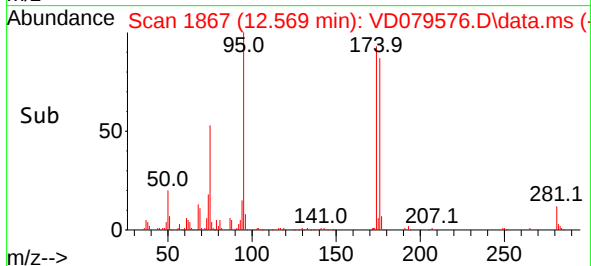
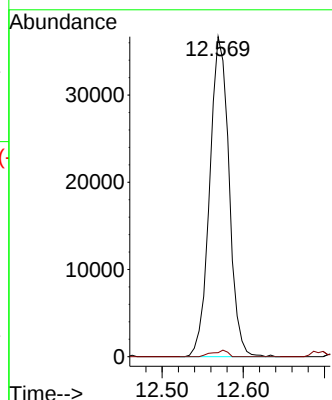
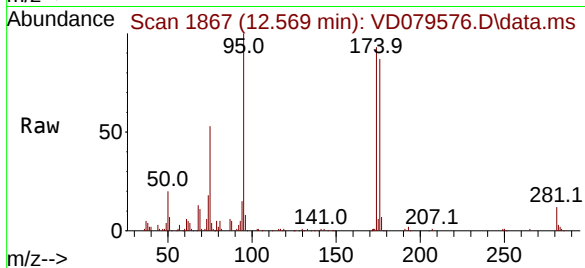
ClientSampleId :

Tgt Ion: 75 Resp: 60622

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 78.036 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. 0.100 min

Lab File: VD079576.D

Acq: 05 Aug 2024 13:10

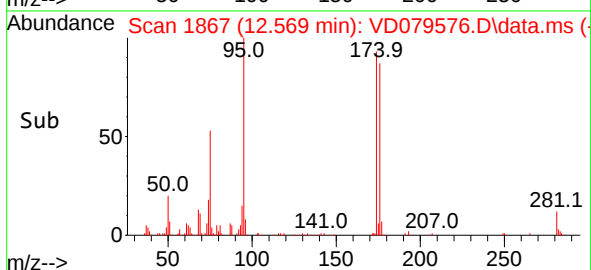
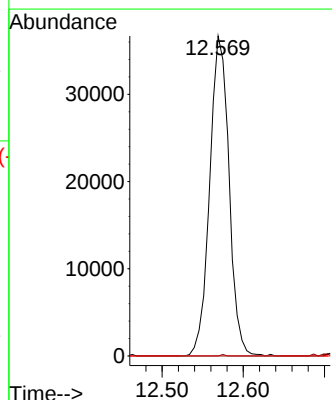
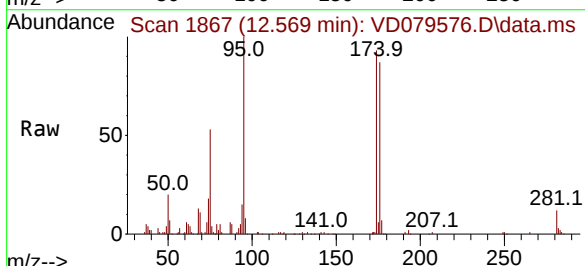
Tgt Ion: 75 Resp: 60622

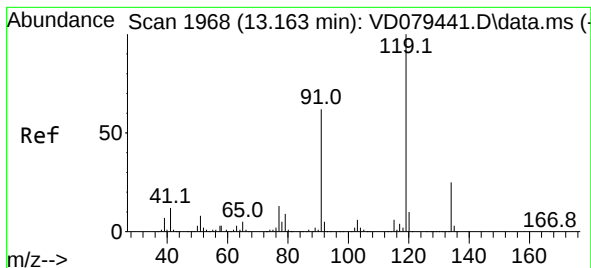
Ion Ratio Lower Upper

75 100

53 0.1 61.4 92.2#

89 0.0 35.4 53.0#





#83

tert-Butylbenzene

Concen: 3.714 ug/l

RT: 13.169 min Scan# 1968

Delta R.T. 0.006 min

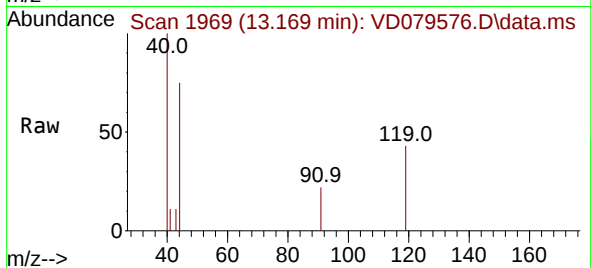
Lab File: VD079576.D

Acq: 05 Aug 2024 13:10

Instrument :

MSVOA_D

ClientSampleId :



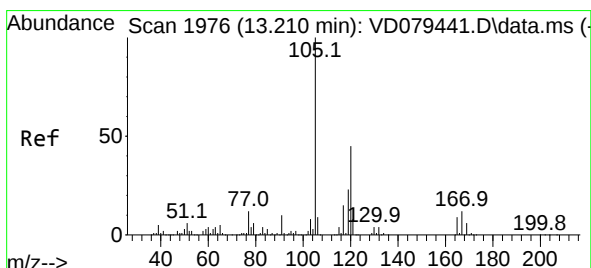
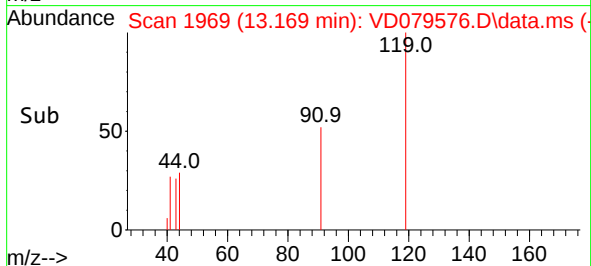
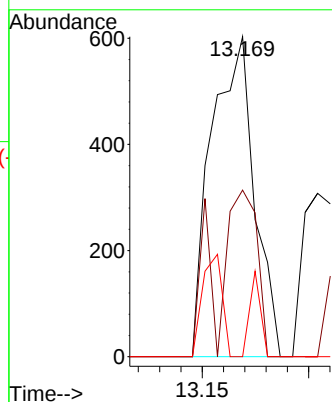
Tgt Ion:119 Resp: 845

Ion Ratio Lower Upper

119 100

91 48.3 28.2 84.7

134 6.7 13.4 40.1#



#84

1,2,4-Trimethylbenzene

Concen: 3.518 ug/l

RT: 13.204 min Scan# 1975

Delta R.T. 0.000 min

Lab File: VD079576.D

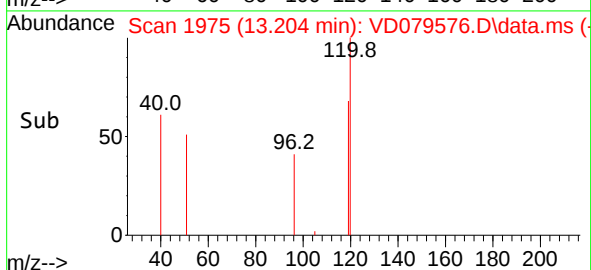
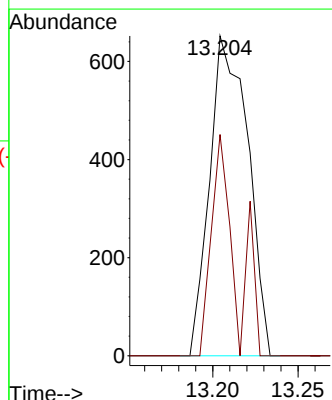
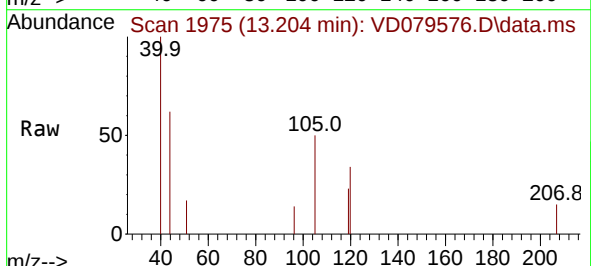
Acq: 05 Aug 2024 13:10

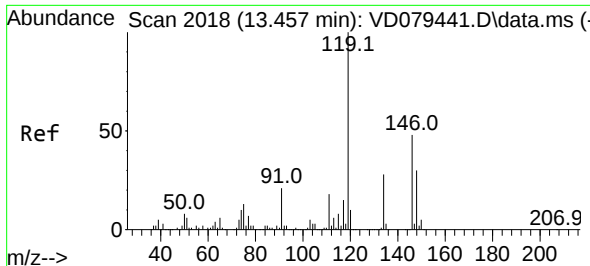
Tgt Ion:105 Resp: 1016

Ion Ratio Lower Upper

105 100

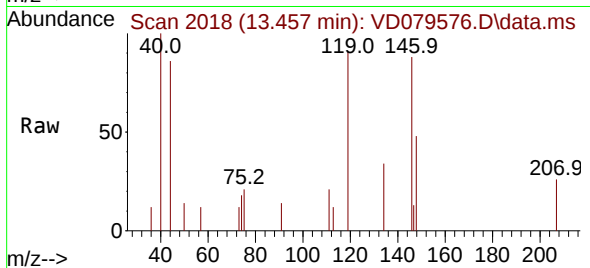
120 32.6 23.6 71.0



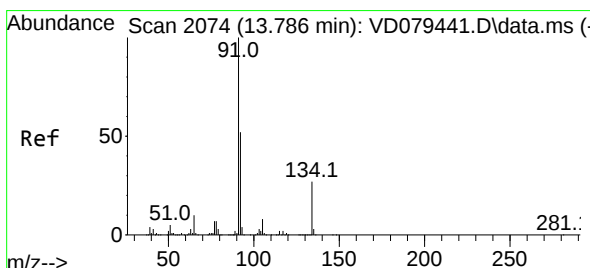
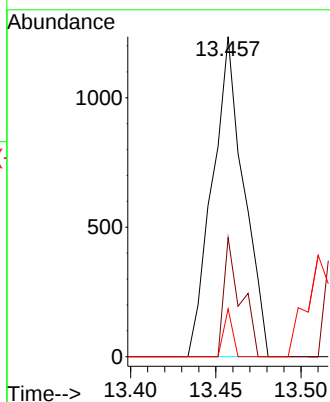
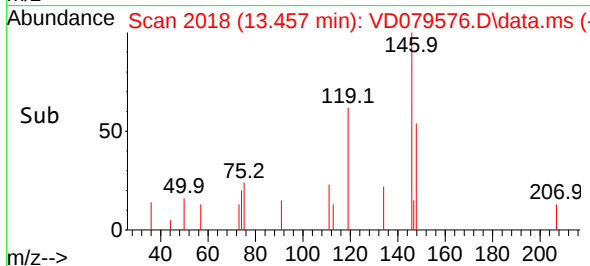


#86
p-Isopropyltoluene
Concen: 4.009 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD079576.D
Acq: 05 Aug 2024 13:10

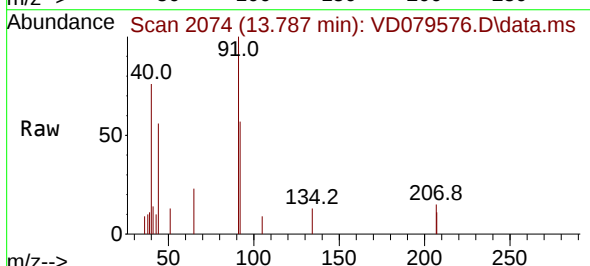
Instrument :
MSVOA_D
ClientSampleId :



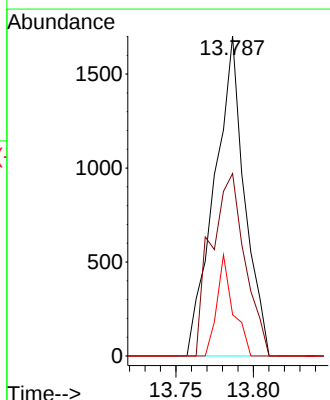
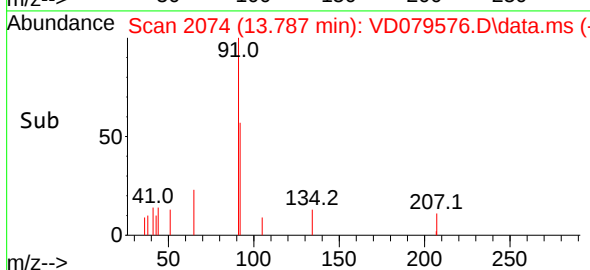
Tgt Ion:119 Resp: 1580
Ion Ratio Lower Upper
119 100
134 20.1 13.7 41.1
91 4.1 10.7 32.1#

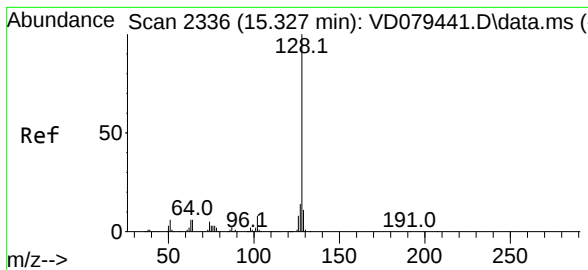


#89
n-Butylbenzene
Concen: 3.976 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.006 min
Lab File: VD079576.D
Acq: 05 Aug 2024 13:10



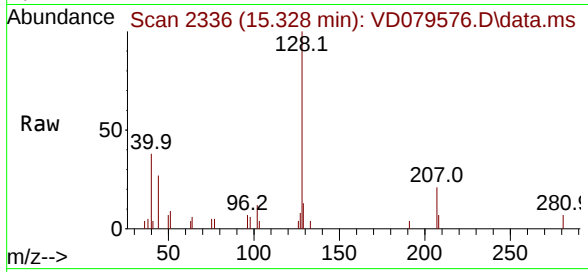
Tgt Ion: 91 Resp: 2297
Ion Ratio Lower Upper
91 100
92 64.3 25.7 77.0
134 17.2 13.6 40.8





#95
 Naphthalene
 Concen: 1.314 ug/l
 RT: 15.328 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD079576.D
 Acq: 05 Aug 2024 13:10

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:128 Resp: 7210

Ion	Ratio	Lower	Upper
128	100		
127	8.1	10.2	15.4#
129	13.5	8.5	12.7#

