

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080624\
 Data File : VD079616.D
 Acq On : 06 Aug 2024 11:59
 Operator : RP/MD
 Sample : VD0806SBL01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 07 02:47:22 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)

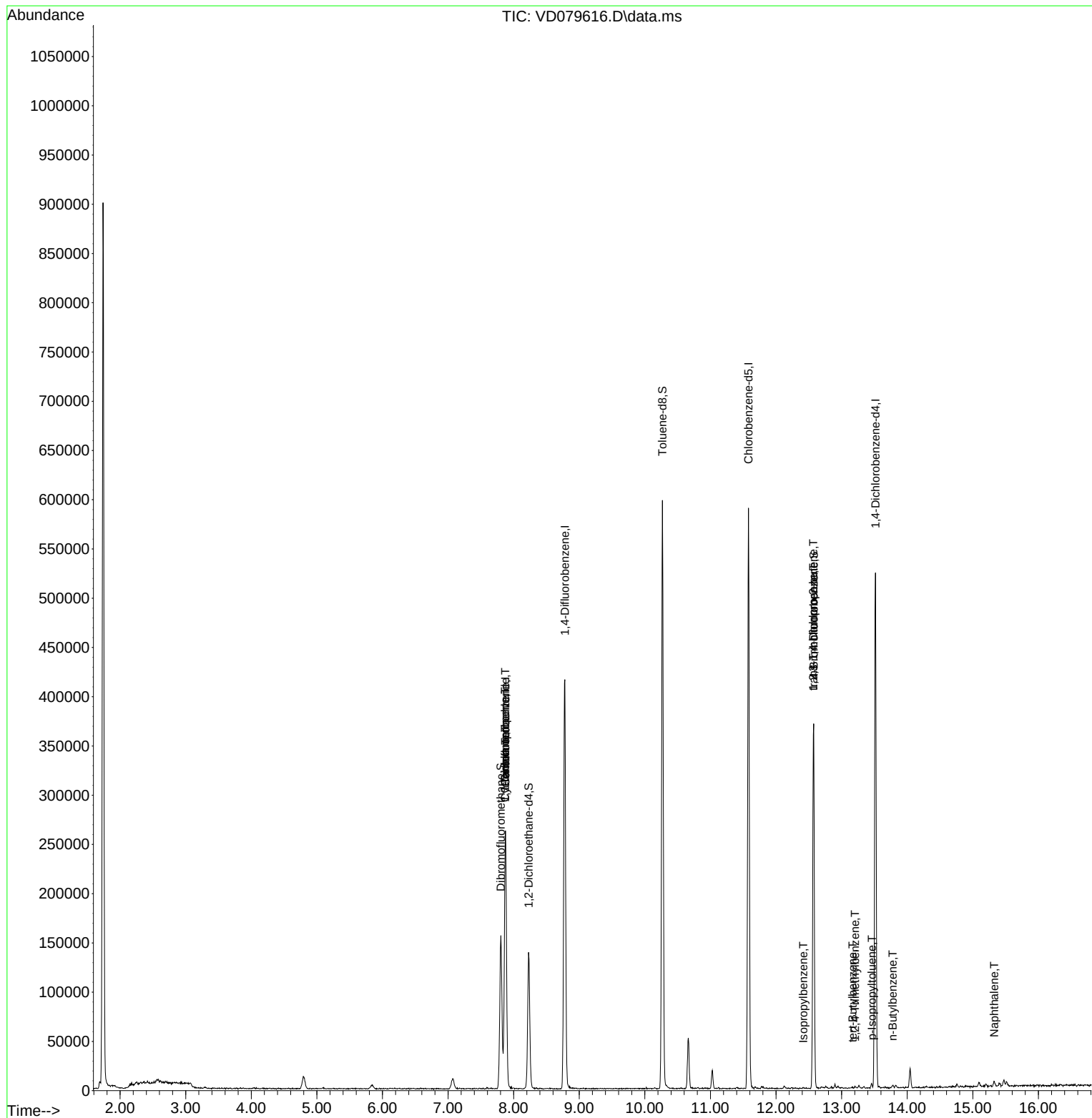
Internal Standards						
1) Pentafluorobenzene	7.875	168	206782	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	380719	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	339495	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	146842	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	102819	48.945	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.880%
35) Dibromofluoromethane	7.804	113	112742	43.751	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.500%
50) Toluene-d8	10.269	98	417866	41.757	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	83.520%
62) 4-Bromofluorobenzene	12.575	95	109857	37.936	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	75.880%
Target Compounds						
					Qvalue	
5) Bromomethane	2.699	94	1348	Below Cal	#	49
13) Acrolein	3.775	56	77	Below Cal	#	15
20) Methylene Chloride	4.787	84	5587	Below Cal		93
31) Cyclohexane	7.869	56	4449	1.275	ug/l #	4
36) 1,1-Dichloropropene	7.869	75	16814	4.781	ug/l #	48
38) Carbon Tetrachloride	7.875	117	19972	5.402	ug/l #	17
73) Isopropylbenzene	12.416	105	878	3.702	ug/l #	64
76) 1,2,3-Trichloropropane	12.569	75	55117	42.941	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	55117	81.901	ug/l #	19
83) tert-Butylbenzene	13.169	119	838	3.726	ug/l #	43
84) 1,2,4-Trimethylbenzene	13.204	105	1030	3.533	ug/l	70
86) p-Isopropyltoluene	13.463	119	1037	3.979	ug/l #	82
89) n-Butylbenzene	13.781	91	2118	3.988	ug/l	87
95) Naphthalene	15.328	128	5108	1.075	ug/l	97

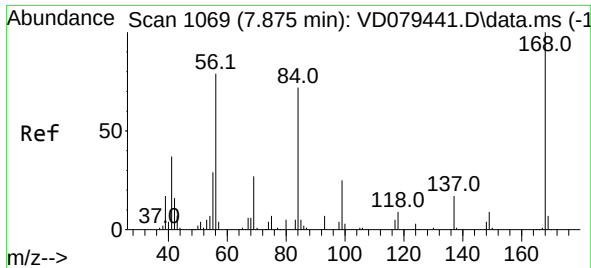
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VD079616.D
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Misc : 5.00G/5.0ml/MSVOA_D/SOIL
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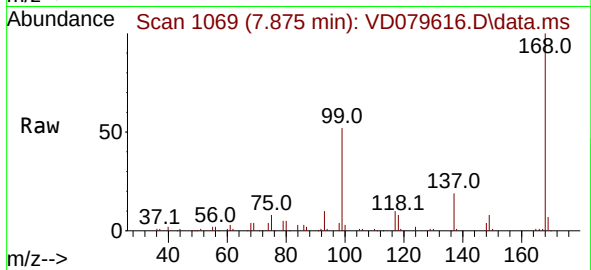
Quant Time: Aug 07 02:47:22 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:50:47 2024
Response via : Initial Calibration



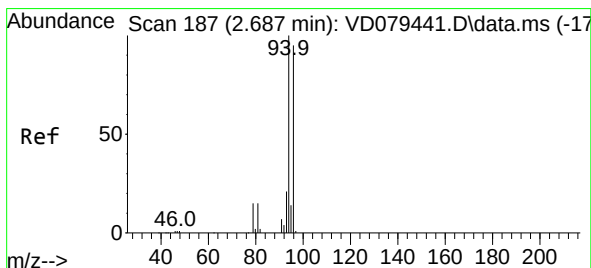
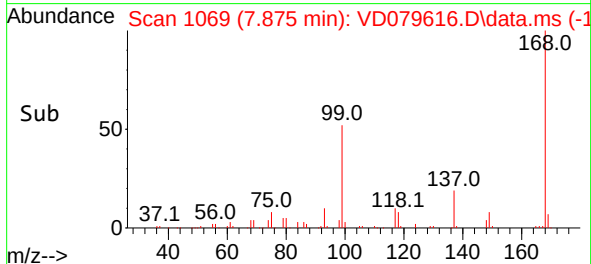
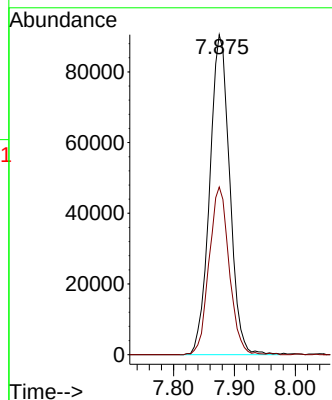


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079616.D
Acq: 06 Aug 2024 11:59

Instrument :
MSVOA_D
ClientSampleId :

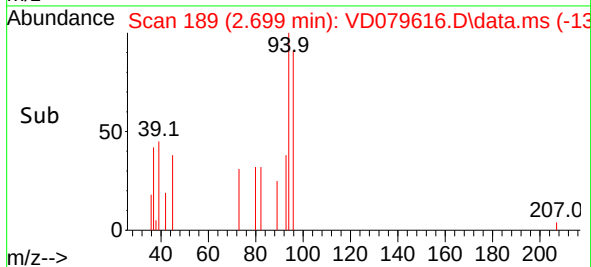
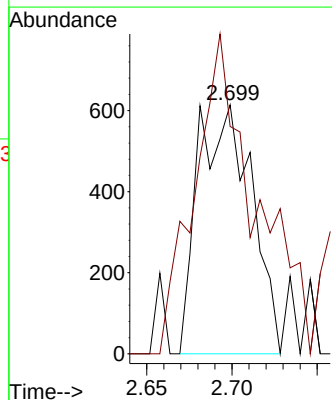
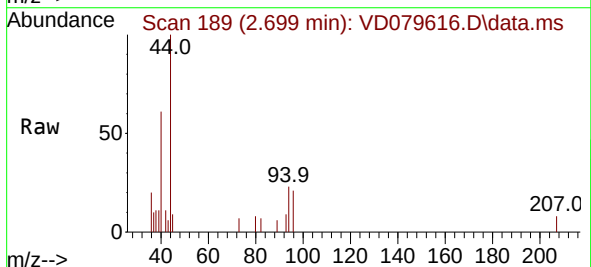


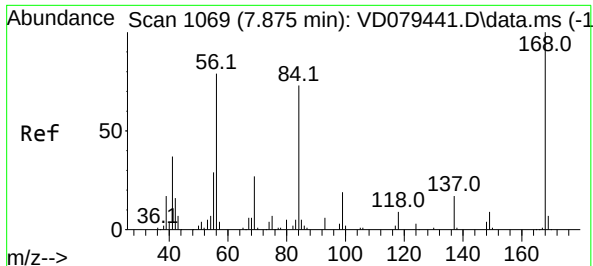
Tgt Ion:168 Resp: 206782
Ion Ratio Lower Upper
168 100
99 52.4 41.1 61.7



#5
Bromomethane
Concen: Below Cal
RT: 2.699 min Scan# 189
Delta R.T. 0.012 min
Lab File: VD079616.D
Acq: 06 Aug 2024 11:59

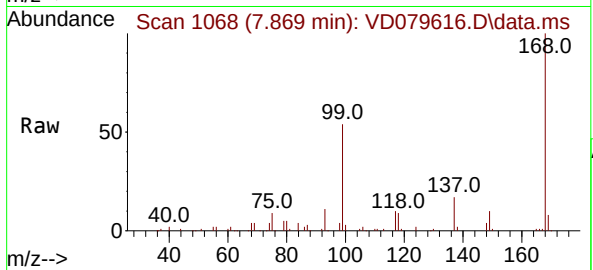
Tgt Ion: 94 Resp: 1348
Ion Ratio Lower Upper
94 100
96 145.7 76.9 115.3#



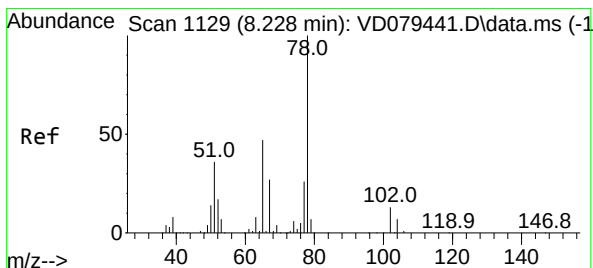
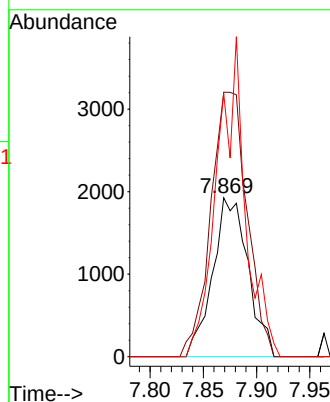
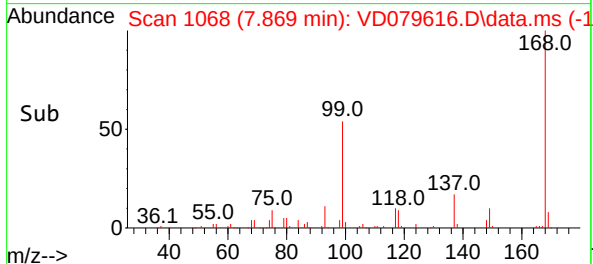


#31
Cyclohexane
Concen: 1.275 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.012 min
Lab File: VD079616.D
Acq: 06 Aug 2024 11:59

Instrument :
MSVOA_D
ClientSampleId :

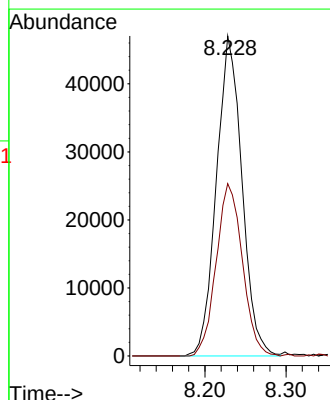
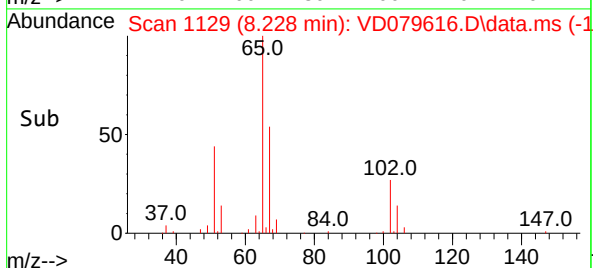
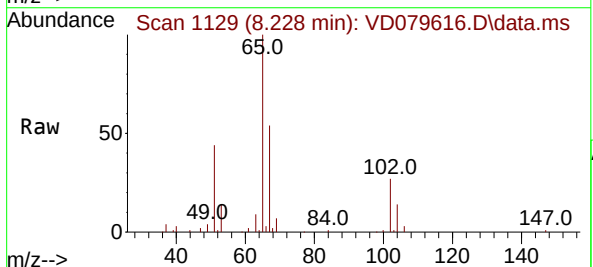


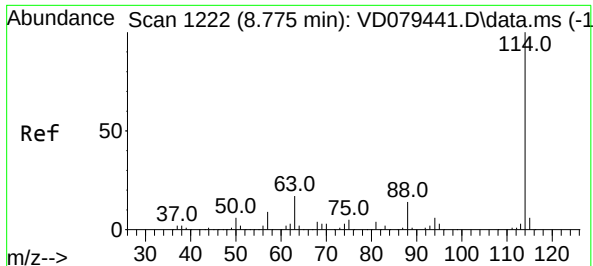
Tgt Ion: 56 Resp: 4449
Ion Ratio Lower Upper
56 100
69 166.5 28.0 42.0#
84 165.7 87.4 131.0#



#33
1,2-Dichloroethane-d4
Concen: 48.945 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD079616.D
Acq: 06 Aug 2024 11:59

Tgt Ion: 65 Resp: 102819
Ion Ratio Lower Upper
65 100
67 55.3 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: VD079616.D

Acq: 06 Aug 2024 11:59

Instrument :

MSVOA_D

ClientSampleId :

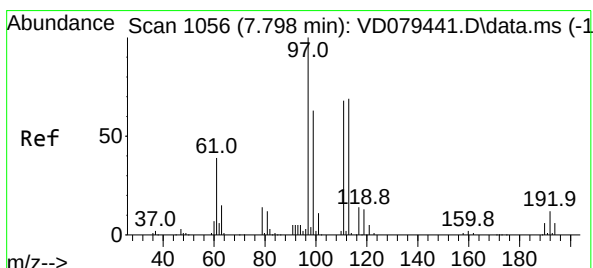
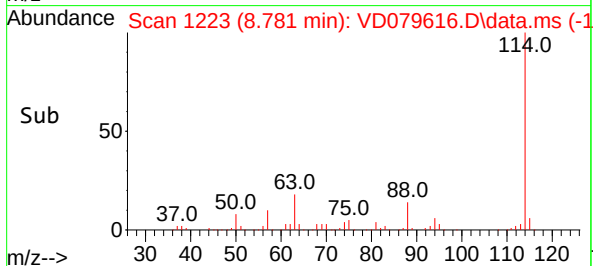
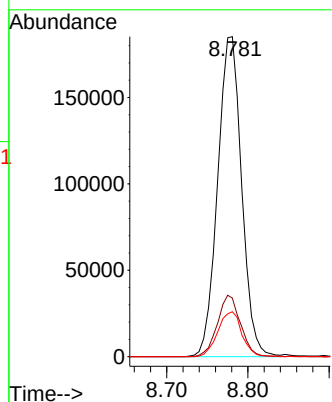
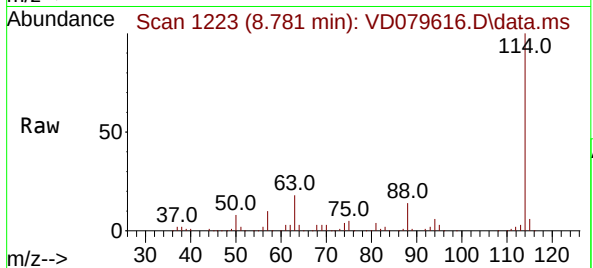
Tgt Ion:114 Resp: 380719

Ion Ratio Lower Upper

114 100

63 18.3 0.0 34.0

88 14.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 43.751 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079616.D

Acq: 06 Aug 2024 11:59

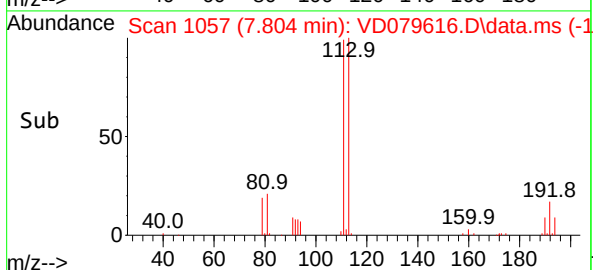
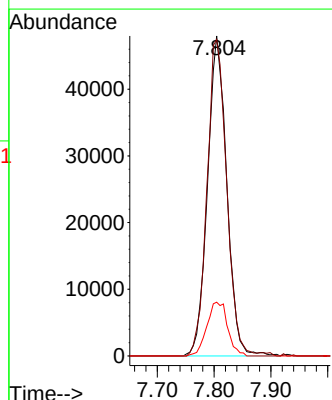
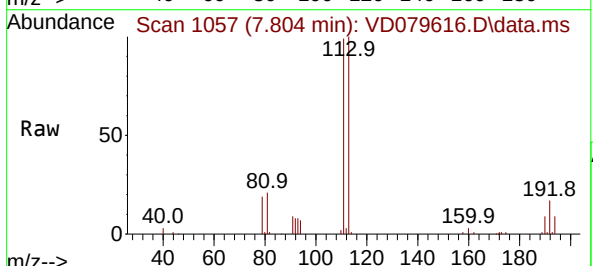
Tgt Ion:113 Resp: 112742

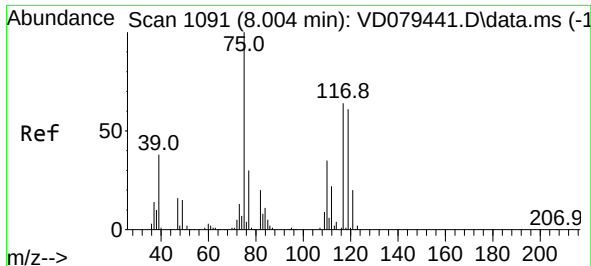
Ion Ratio Lower Upper

113 100

111 100.8 84.0 126.0

192 18.1 15.4 23.0





#36

1,1-Dichloropropene

Concen: 4.781 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.141 min

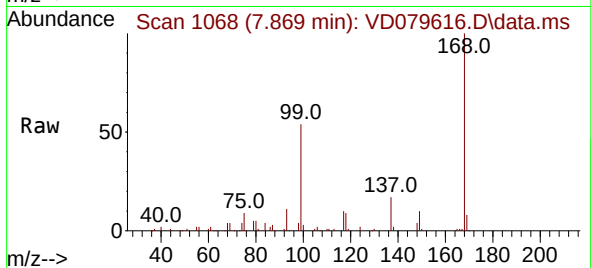
Lab File: VD079616.D

Acq: 06 Aug 2024 11:59

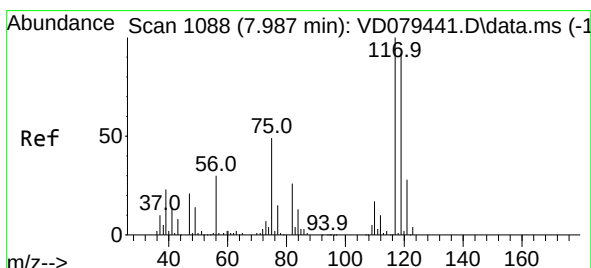
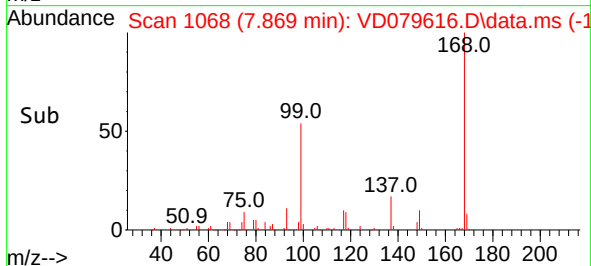
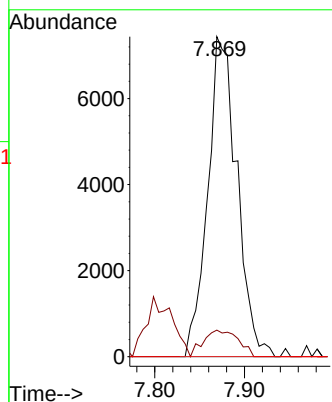
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	75	Resp:	16814
Ion Ratio	100	Lower	Upper
75	100		
110	9.8	19.6	58.7#
77	0.0	26.1	39.1#



#38

Carbon Tetrachloride

Concen: 5.402 ug/l

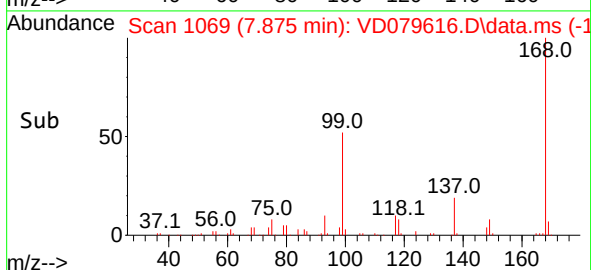
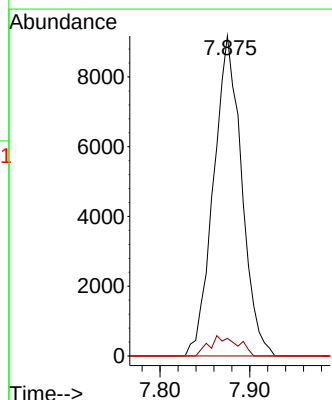
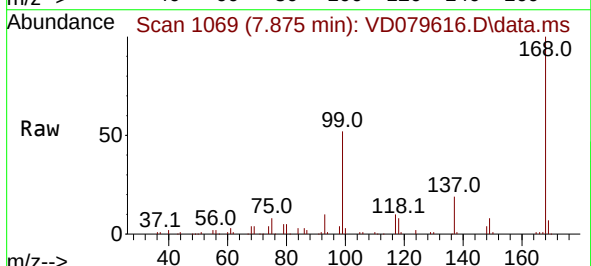
RT: 7.875 min Scan# 1069

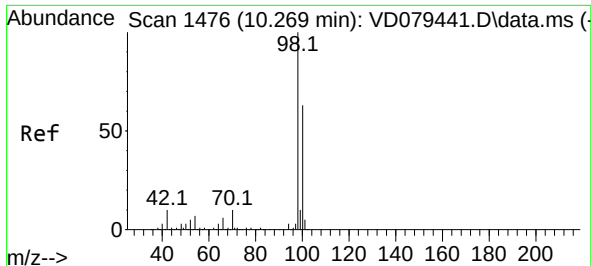
Delta R.T. -0.112 min

Lab File: VD079616.D

Acq: 06 Aug 2024 11:59

Tgt Ion:	117	Resp:	19972
Ion Ratio	100	Lower	Upper
117	100		
119	5.5	75.4	113.0#
121	0.0	25.0	37.4#

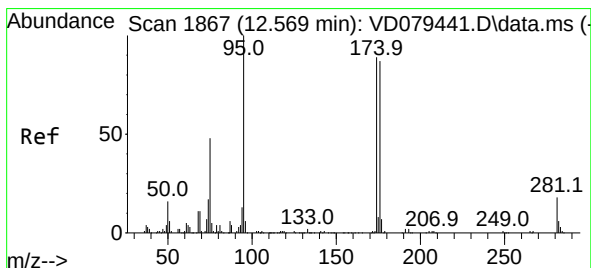
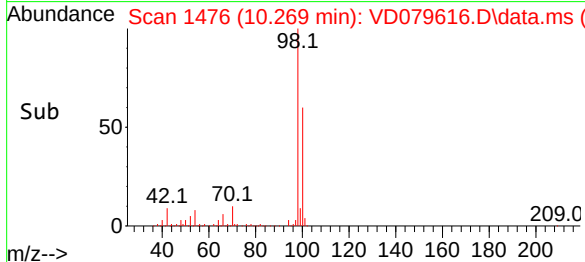
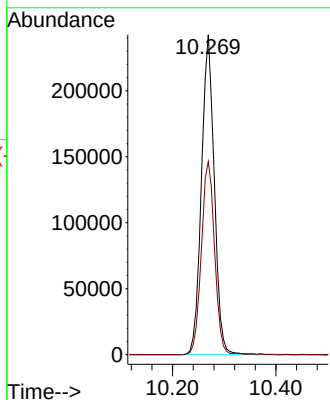
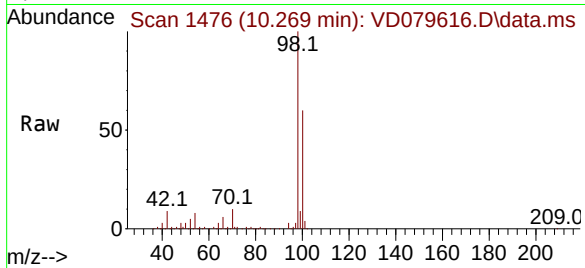




#50
Toluene-d8
Concen: 41.757 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079616.D
Acq: 06 Aug 2024 11:59

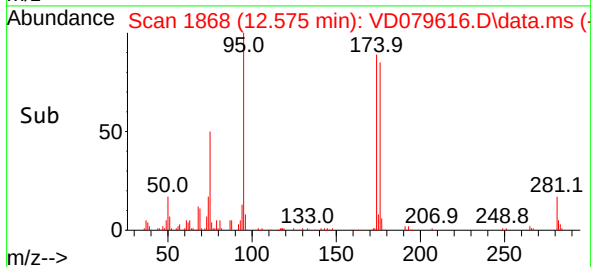
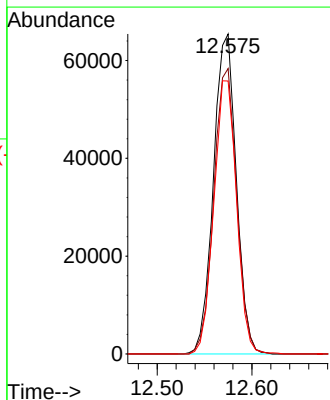
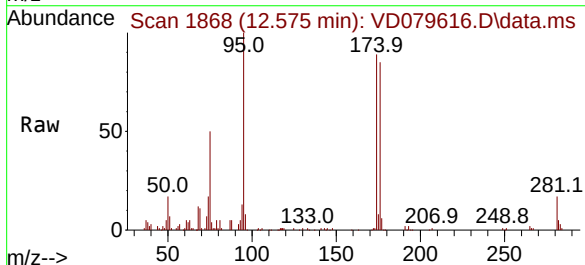
Instrument :
MSVOA_D
ClientSampleId :

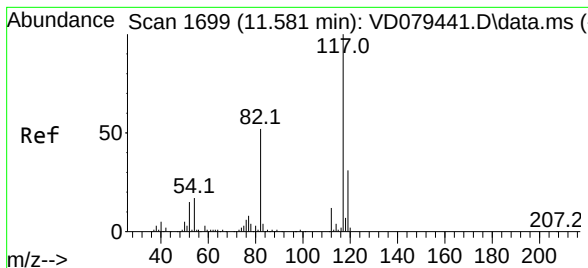
Tgt Ion: 98 Resp: 417866
Ion Ratio Lower Upper
98 100
100 62.3 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 37.936 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD079616.D
Acq: 06 Aug 2024 11:59

Tgt Ion: 95 Resp: 109857
Ion Ratio Lower Upper
95 100
174 89.6 0.0 195.4
176 85.0 0.0 192.6

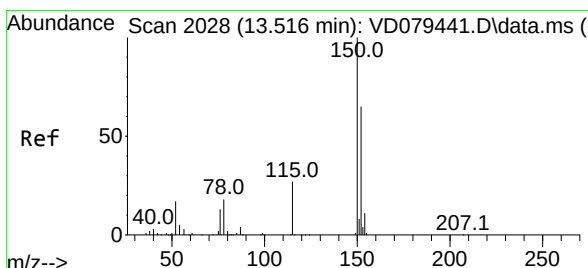
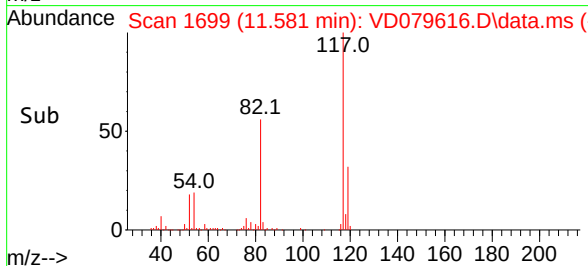
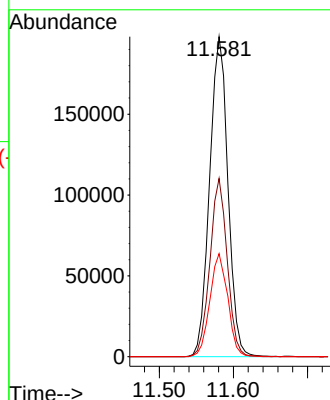
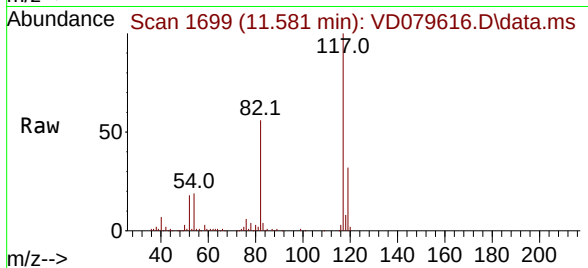




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079616.D
Acq: 06 Aug 2024 11:59

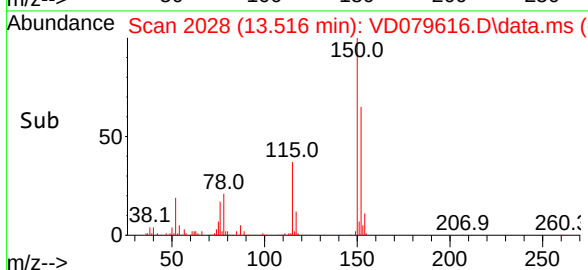
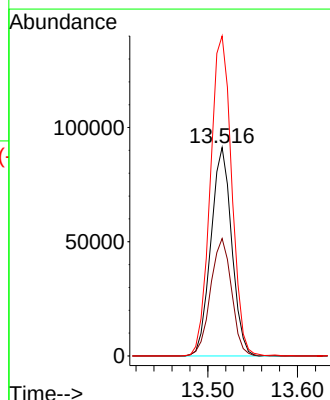
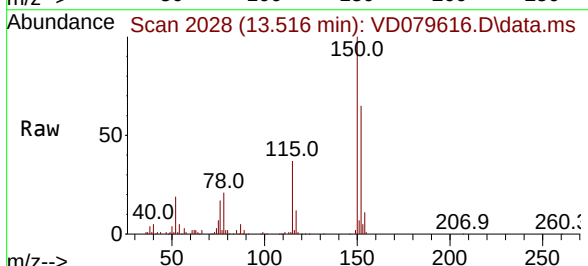
Instrument :
MSVOA_D
ClientSampleId :

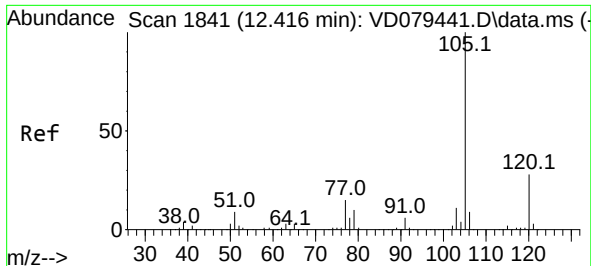
Tgt Ion:117 Resp: 339495
Ion Ratio Lower Upper
117 100
82 55.7 39.8 59.6
119 32.2 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD079616.D
Acq: 06 Aug 2024 11:59

Tgt Ion:152 Resp: 146842
Ion Ratio Lower Upper
152 100
115 56.9 26.5 79.5
150 157.7 0.0 341.6

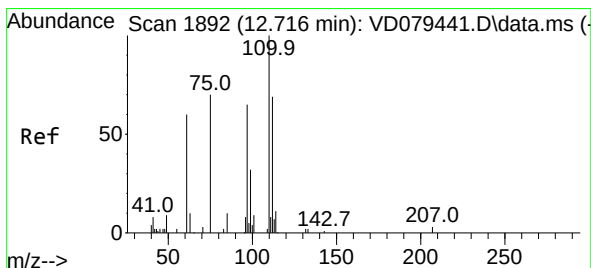
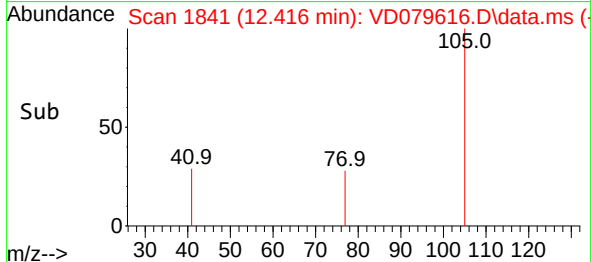
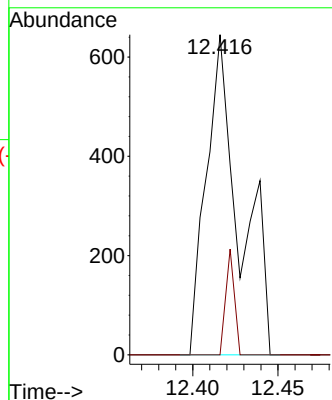
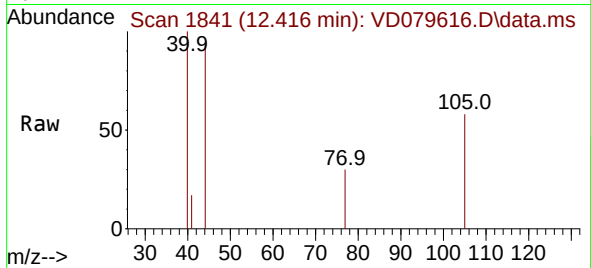




#73
Isopropylbenzene
Concen: 3.702 ug/l
RT: 12.416 min Scan# 1841
Delta R.T. -0.000 min
Lab File: VD079616.D
Acq: 06 Aug 2024 11:59

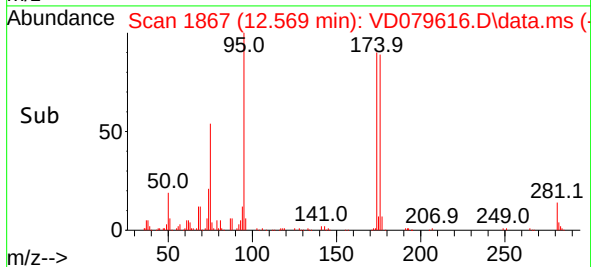
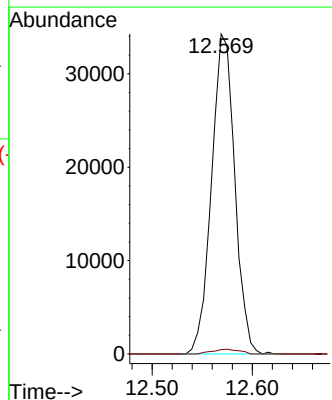
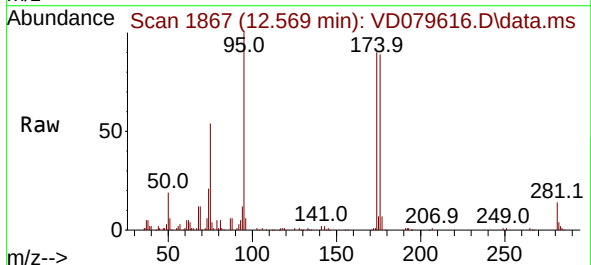
Instrument :
MSVOA_D
ClientSampleId :

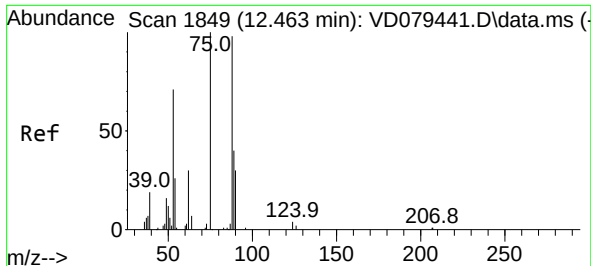
Tgt Ion:105 Resp: 878
Ion Ratio Lower Upper
105 100
120 8.5 13.6 40.7#



#76
1,2,3-Trichloropropane
Concen: 42.941 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD079616.D
Acq: 06 Aug 2024 11:59

Tgt Ion: 75 Resp: 55117
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#

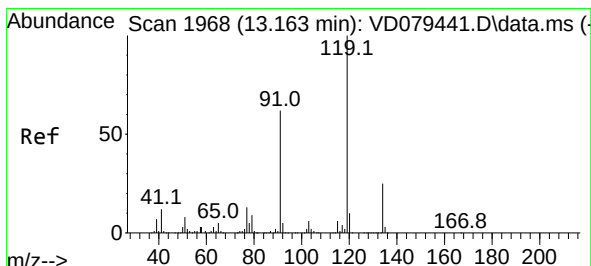
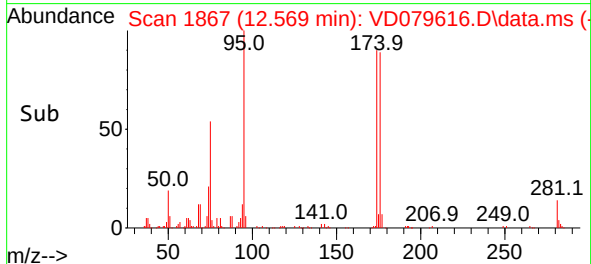
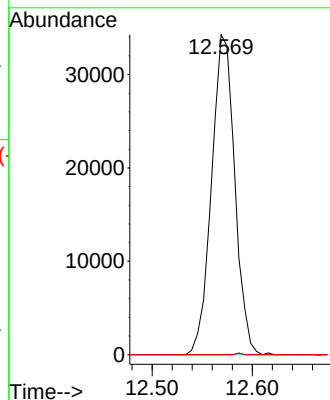
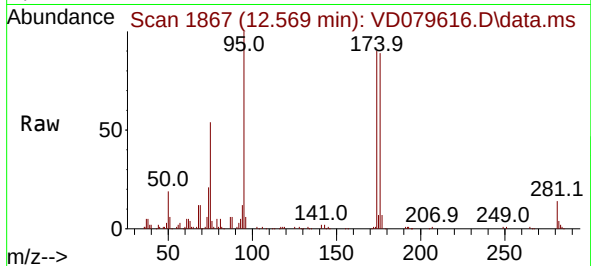




#81
trans-1,4-Dichloro-2-butene
Concen: 81.901 ug/l
RT: 12.569 min Scan# 1849
Delta R.T. 0.100 min
Lab File: VD079616.D
Acq: 06 Aug 2024 11:59

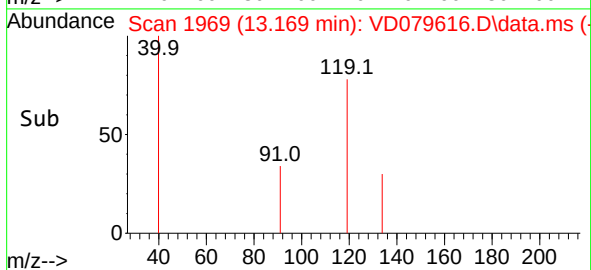
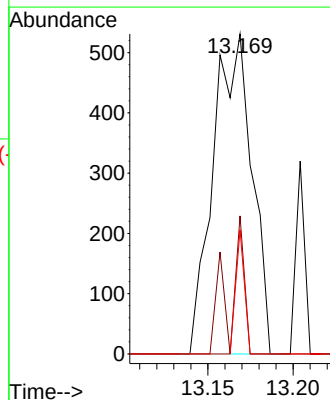
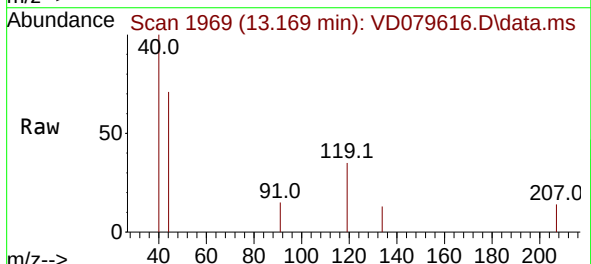
Instrument :
MSVOA_D
ClientSampleId :

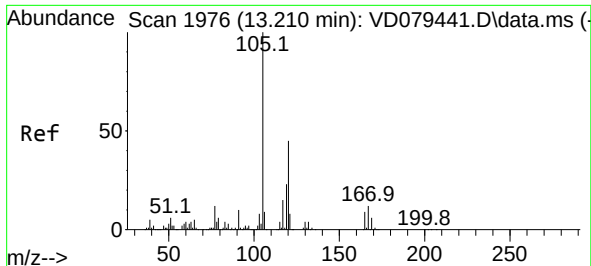
Tgt Ion: 75 Resp: 55117
Ion Ratio Lower Upper
75 100
53 0.1 61.4 92.2#
89 0.1 35.4 53.0#



#83
tert-Butylbenzene
Concen: 3.726 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.006 min
Lab File: VD079616.D
Acq: 06 Aug 2024 11:59

Tgt Ion: 119 Resp: 838
Ion Ratio Lower Upper
119 100
91 7.2 28.2 84.7#
134 8.7 13.4 40.1#

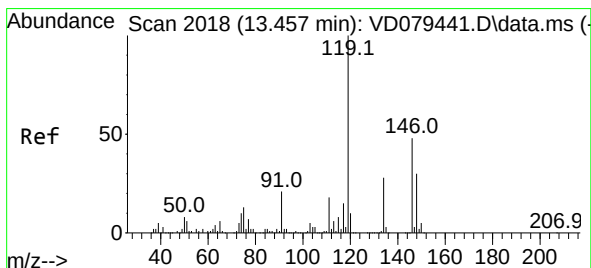
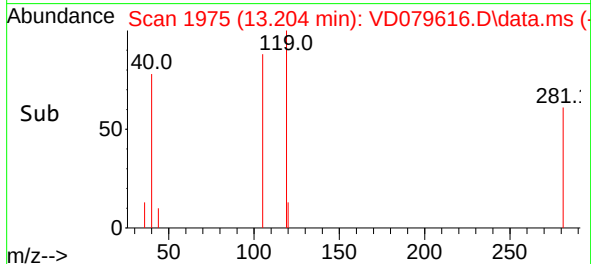
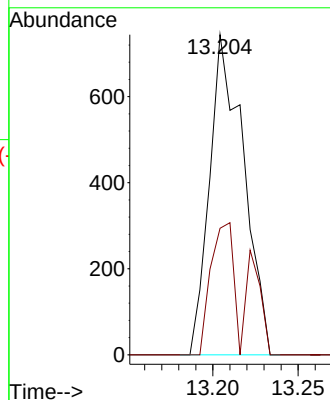
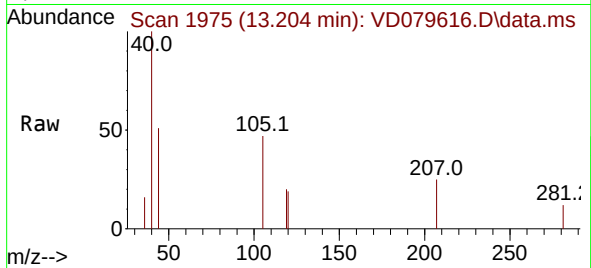




#84
 1,2,4-Trimethylbenzene
 Concen: 3.533 ug/l
 RT: 13.204 min Scan# 1975
 Delta R.T. 0.000 min
 Lab File: VD079616.D
 Acq: 06 Aug 2024 11:59

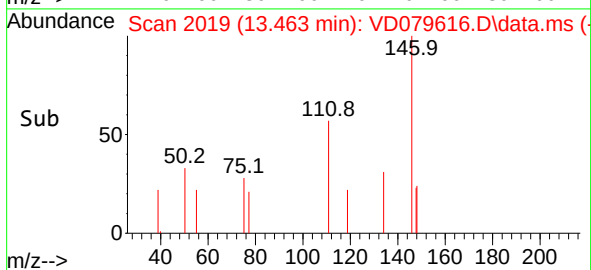
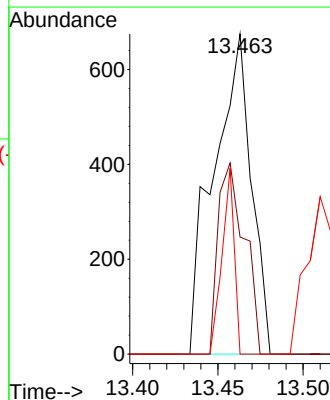
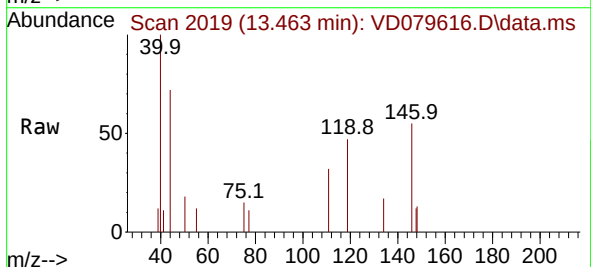
Instrument :
 MSVOA_D
 ClientSampleId :

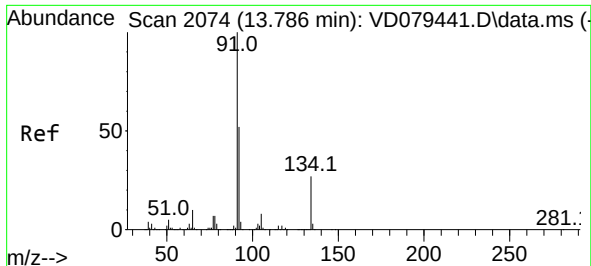
Tgt Ion:105 Resp: 1030
 Ion Ratio Lower Upper
 105 100
 120 27.4 23.6 71.0



#86
 p-Isopropyltoluene
 Concen: 3.979 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.006 min
 Lab File: VD079616.D
 Acq: 06 Aug 2024 11:59

Tgt Ion:119 Resp: 1037
 Ion Ratio Lower Upper
 119 100
 134 41.9 13.7 41.1#
 91 18.9 10.7 32.1





#89

n-Butylbenzene

Concen: 3.988 ug/l

RT: 13.781 min Scan# 2074

Delta R.T. -0.000 min

Lab File: VD079616.D

Acq: 06 Aug 2024 11:59

Instrument :

MSVOA_D

ClientSampleId :

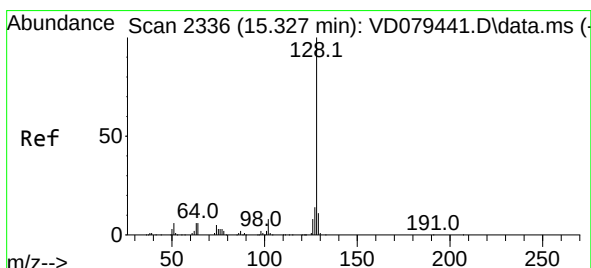
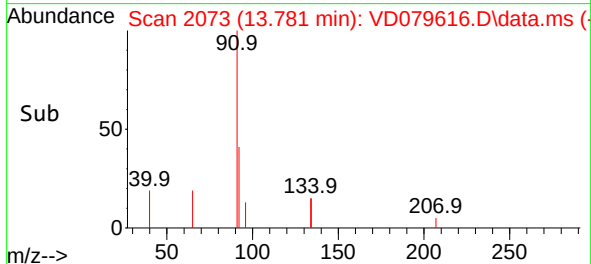
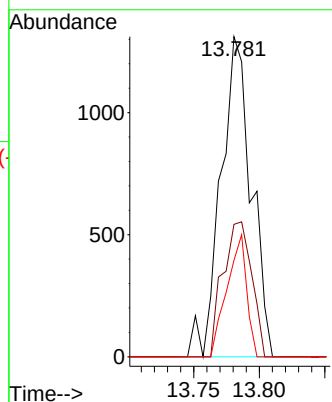
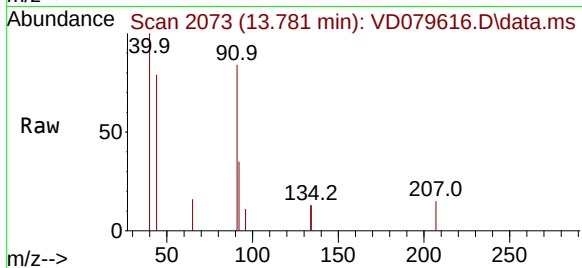
Tgt Ion: 91 Resp: 2118

Ion Ratio Lower Upper

91 100

92 39.7 25.7 77.0

134 24.6 13.6 40.8



#95

Naphthalene

Concen: 1.075 ug/l

RT: 15.328 min Scan# 2336

Delta R.T. -0.000 min

Lab File: VD079616.D

Acq: 06 Aug 2024 11:59

Tgt Ion: 128 Resp: 5108

Ion Ratio Lower Upper

128 100

127 15.0 10.2 15.4

129 10.3 8.5 12.7

