

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092123\
 Data File : VD077174.D
 Acq On : 21 Sep 2023 12:05
 Operator : JC/SY
 Sample : 04527-01
 Misc : 5.13G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 22 01:30:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 22 01:29:35 2023
 Response via : Initial Calibration

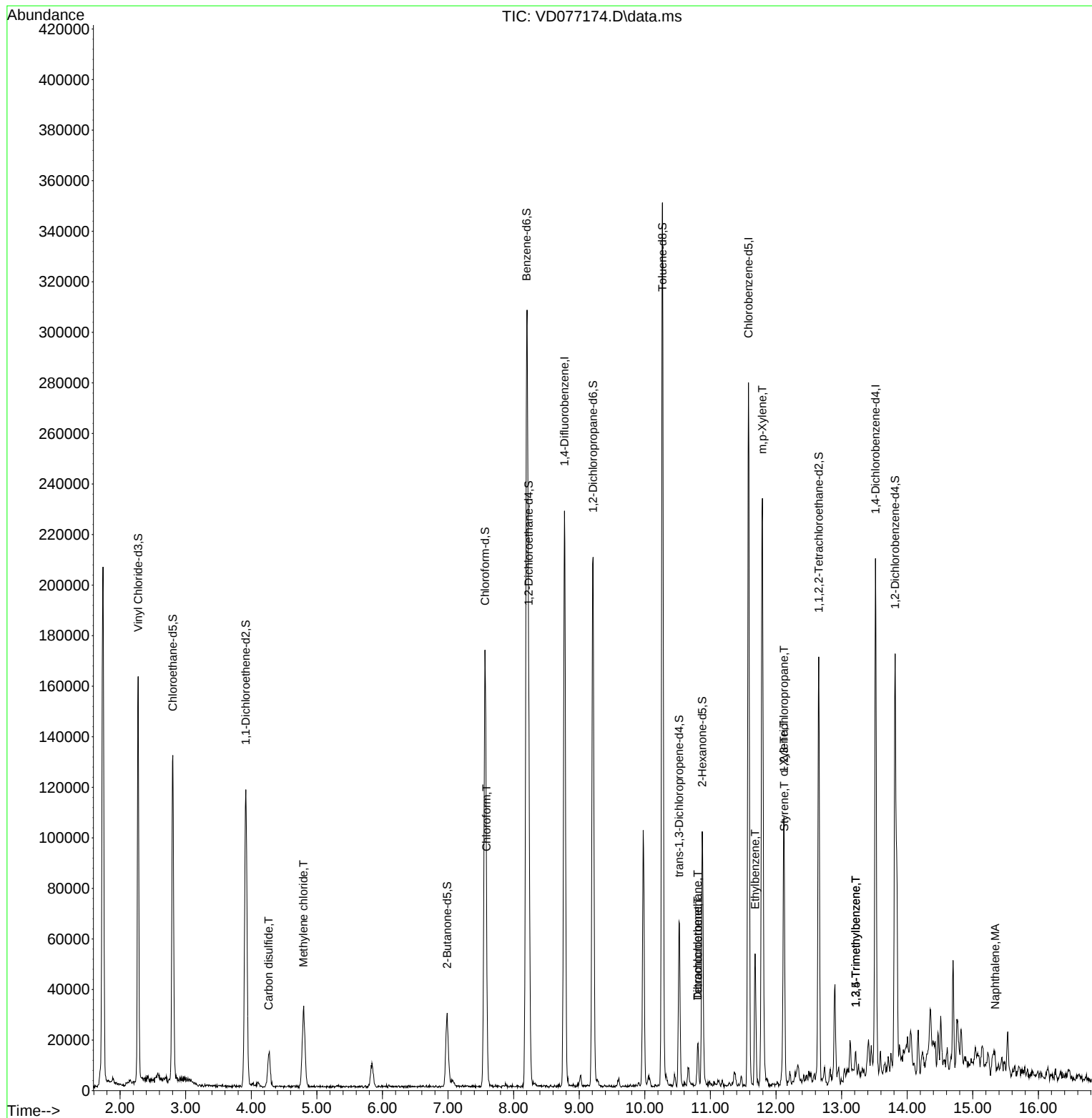
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	211696	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	170512	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	53847	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.276	65	148061	28.384	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	= 113.520%		
7) Chloroethane-d5	2.805	69	135861	31.672	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	= 126.680%		
11) 1,1-Dichloroethene-d2	3.917	65	32947	27.805	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	= 111.240%#		
21) 2-Butanone-d5	6.987	46	49615	75.501	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	= 151.000%#		
24) Chloroform-d	7.563	84	177330	30.613	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	= 122.440%		
26) 1,2-Dichloroethane-d4	8.228	65	95830	34.904	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	= 139.600%#		
32) Benzene-d6	8.199	84	338409	35.934	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	= 143.720%#		
36) 1,2-Dichloropropane-d6	9.210	67	108745	40.264	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	= 161.040%#		
41) Toluene-d8	10.269	98	248329	28.806	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	= 115.240%		
43) trans-1,3-Dichloroprop...	10.522	79	39935	32.453	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	= 129.800%		
47) 2-Hexanone-d5	10.875	63	35039	81.231	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	= 162.460%#		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	86162	35.786	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	= 143.160%#		
66) 1,2-Dichlorobenzene-d4	13.816	152	44565	25.785	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	= 103.120%		
Target Compounds						Qvalue
14) Carbon disulfide	4.264	76	28836	3.134	ug/L	99
16) Methylene chloride	4.793	84	24724	5.738	ug/L	98
25) Chloroform	7.587	83	1851	0.318	ug/L	80
46) Tetrachloroethene	10.804	164	4066	1.831	ug/L	79
49) Dibromochloromethane	10.804	129	3183	1.247	ug/L #	9
52) Ethylbenzene	11.681	91	37106	3.090	ug/L	95
53) m,p-Xylene	11.793	106	73154	15.779	ug/L	97
54) o-Xylene	12.116	106	30262	6.762	ug/L	98
55) Styrene	12.128	104	2607	0.326	ug/L #	1
61) 1,2,3-Trichloropropane	12.122	75	1056	1.027	ug/L #	1
62) 1,3,5-Trimethylbenzene	13.216	105	5106	0.951	ug/L	96
63) 1,2,4-Trimethylbenzene	13.216	105	5106	0.971	ug/L	92
71) Naphthalene	15.340	128	6156	1.651	ug/L #	73

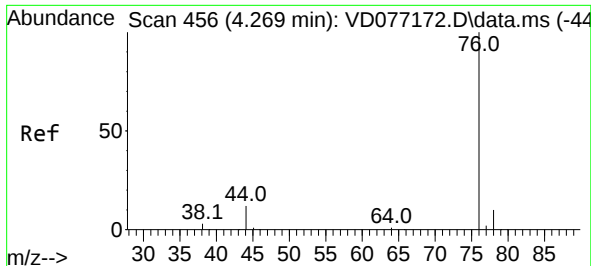
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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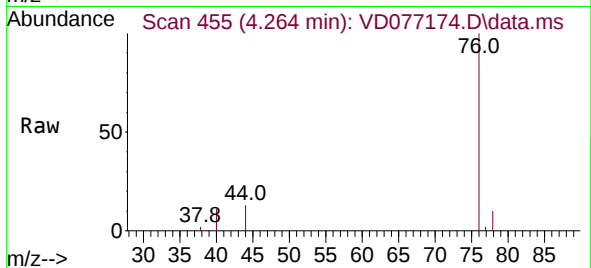
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Sep 22 01:29:35 2023
Response via : Initial Calibration



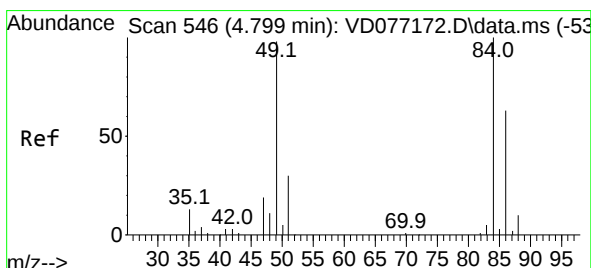
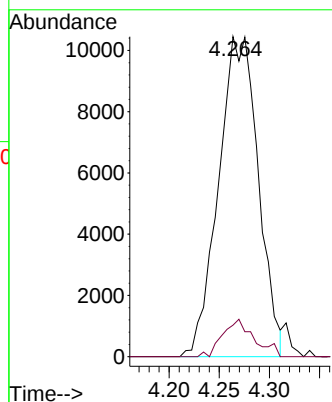
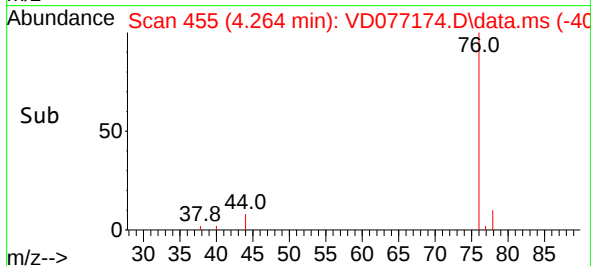


#14
Carbon disulfide
Concen: 3.134 ug/L
RT: 4.264 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD077174.D
Acq: 21 Sep 2023 12:05

Instrument :
MSVOA_D
ClientSampleId :

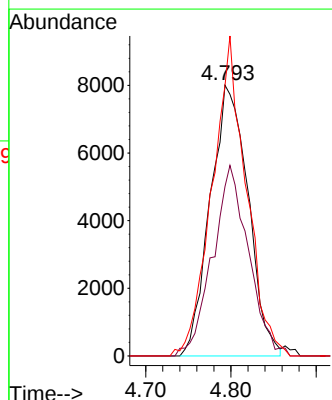
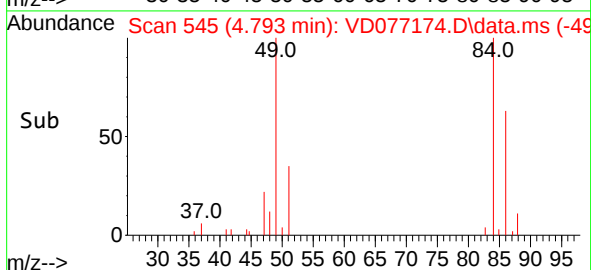
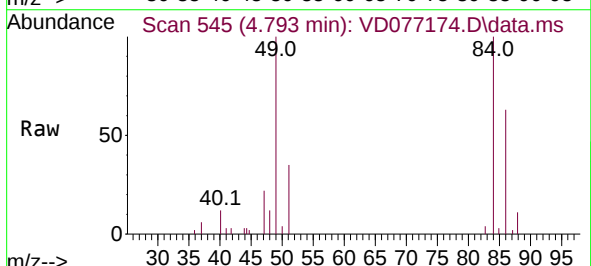


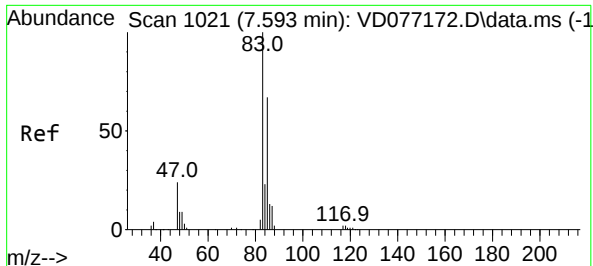
Tgt Ion: 76 Resp: 28836
Ion Ratio Lower Upper
76 100
78 9.9 7.5 11.3



#16
Methylene chloride
Concen: 5.738 ug/L
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD077174.D
Acq: 21 Sep 2023 12:05

Tgt Ion: 84 Resp: 24724
Ion Ratio Lower Upper
84 100
86 62.6 45.3 84.1
49 99.8 69.2 128.6





#25

Chloroform

Concen: 0.318 ug/L

RT: 7.587 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VD077174.D

Acq: 21 Sep 2023 12:05

Instrument :

MSVOA_D

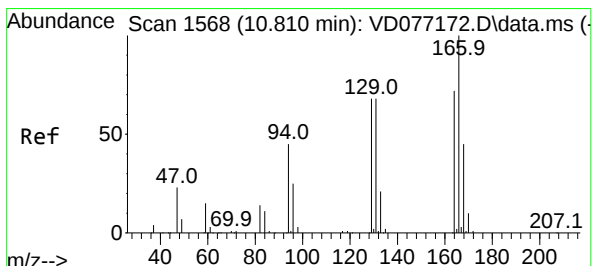
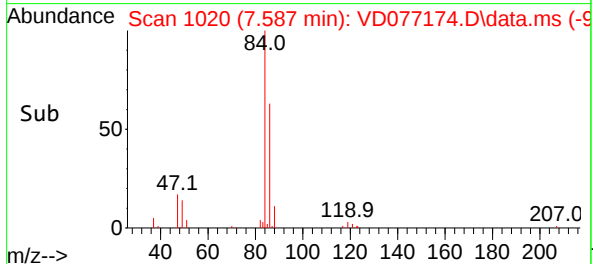
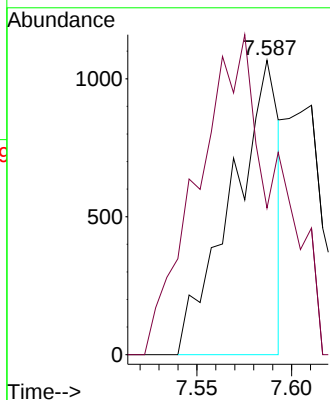
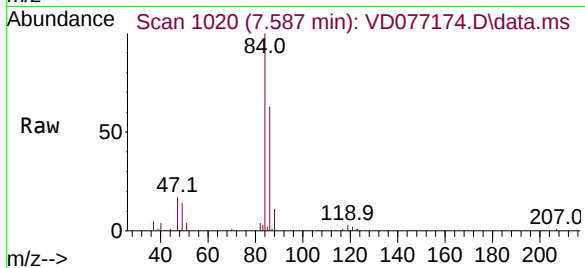
ClientSampleId :

Tgt Ion: 83 Resp: 1851

Ion Ratio Lower Upper

83 100

85 49.8 46.2 85.8



#46

Tetrachloroethene

Concen: 1.831 ug/L

RT: 10.804 min Scan# 1567

Delta R.T. -0.006 min

Lab File: VD077174.D

Acq: 21 Sep 2023 12:05

Tgt Ion: 164 Resp: 4066

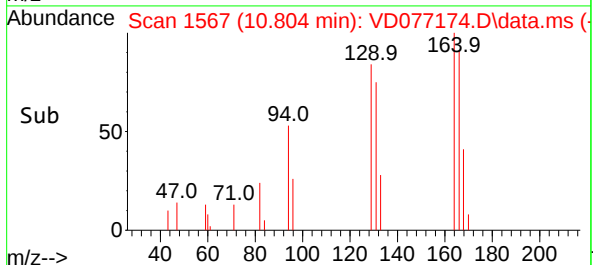
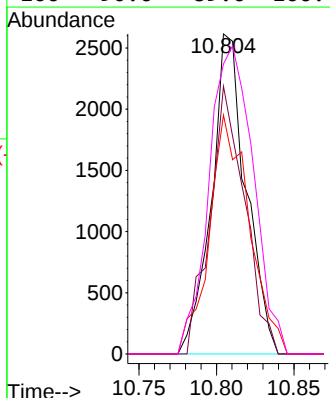
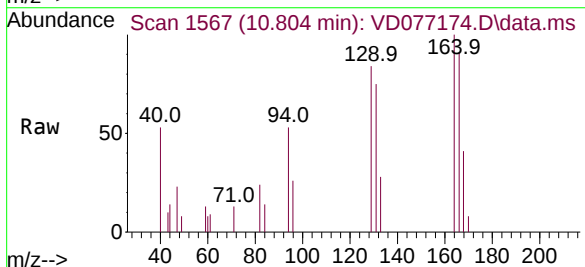
Ion Ratio Lower Upper

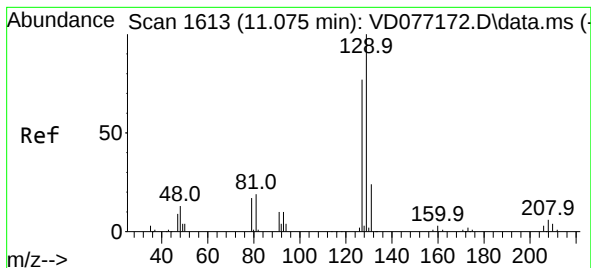
164 100

129 83.7 66.4 123.4

131 74.6 62.6 116.3

166 90.6 89.6 166.4





#49

Dibromochloromethane

Concen: 1.247 ug/L

RT: 10.804 min Scan# 1567

Delta R.T. -0.270 min

Lab File: VD077174.D

Acq: 21 Sep 2023 12:05

Instrument :

MSVOA_D

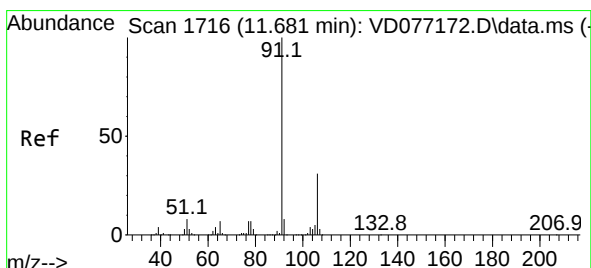
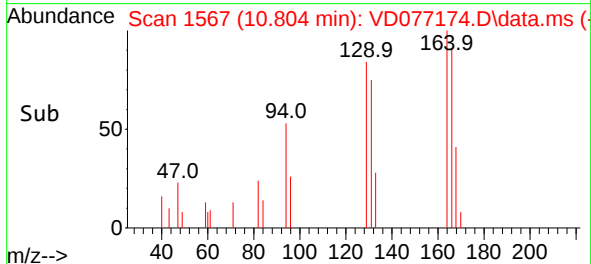
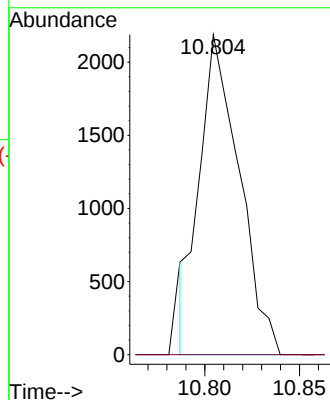
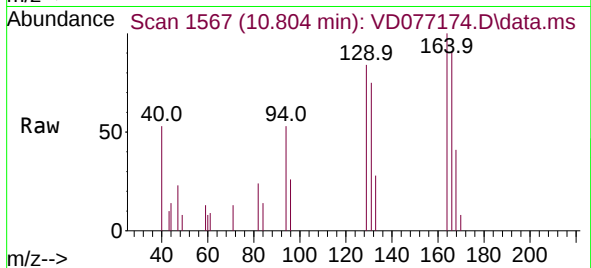
ClientSampleId :

Tgt Ion:129 Resp: 3183

Ion Ratio Lower Upper

129 100

127 0.0 56.6 105.2#



#52

Ethylbenzene

Concen: 3.090 ug/L

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD077174.D

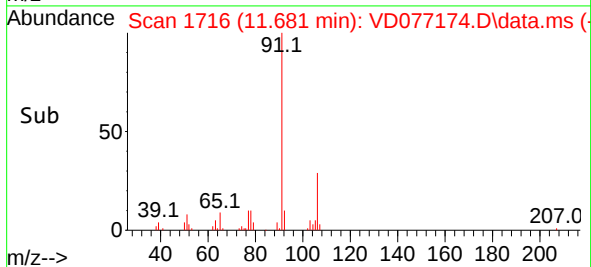
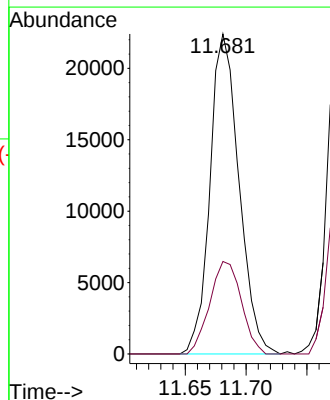
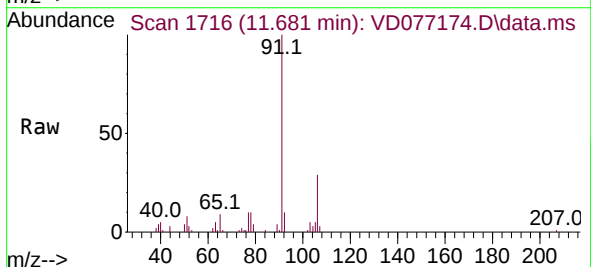
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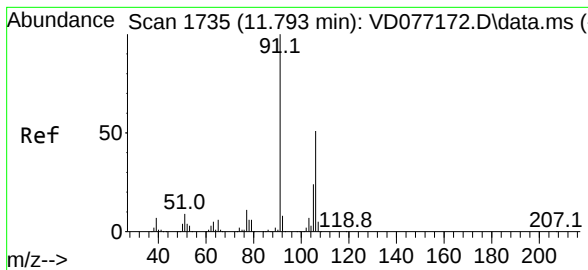
Tgt Ion: 91 Resp: 37106

Ion Ratio Lower Upper

91 100

106 28.9 22.1 41.1

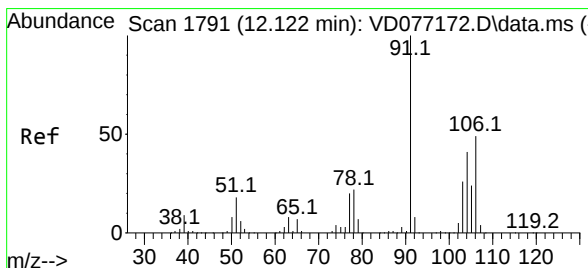
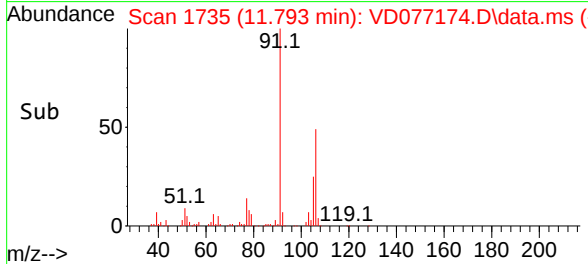
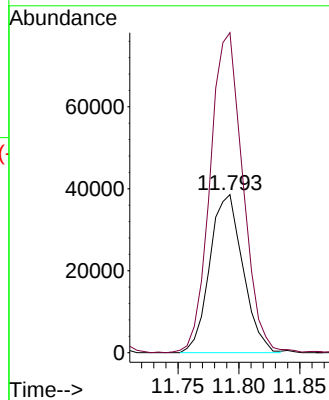
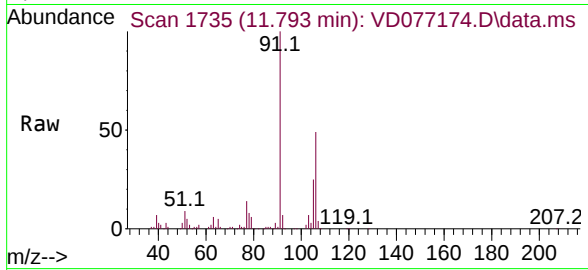




#53
m,p-Xylene
Concen: 15.779 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD077174.D
Acq: 21 Sep 2023 12:05

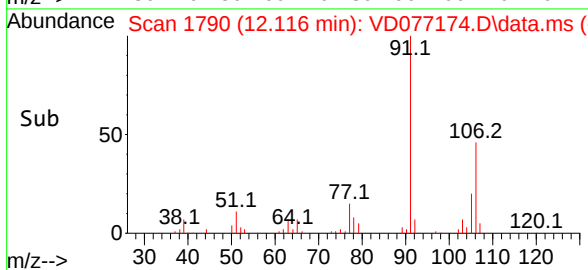
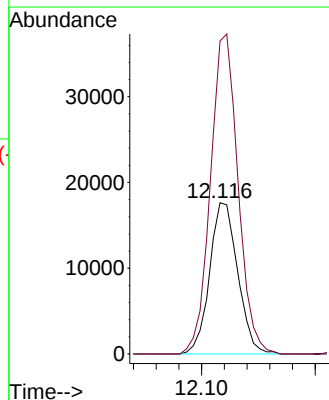
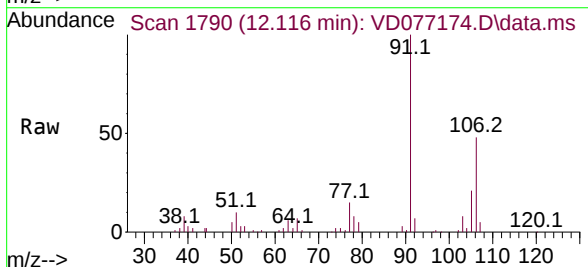
Instrument :
MSVOA_D
ClientSampleId :

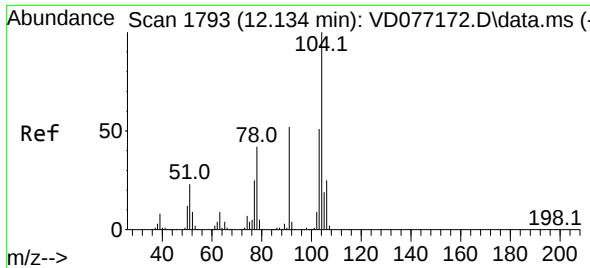
Tgt Ion:106 Resp: 73154
Ion Ratio Lower Upper
106 100
91 202.5 138.2 256.6



#54
o-Xylene
Concen: 6.762 ug/L
RT: 12.116 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VD077174.D
Acq: 21 Sep 2023 12:05

Tgt Ion:106 Resp: 30262
Ion Ratio Lower Upper
106 100
91 207.0 146.9 272.7

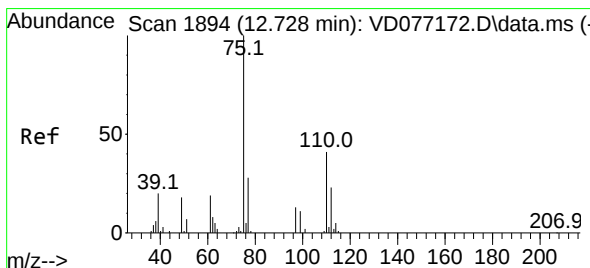
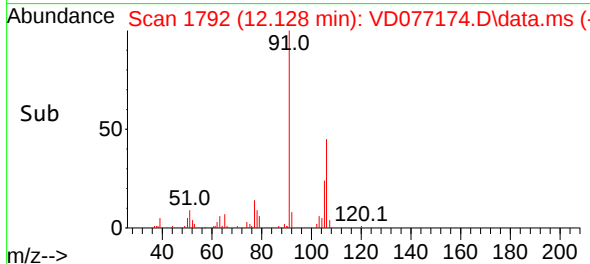
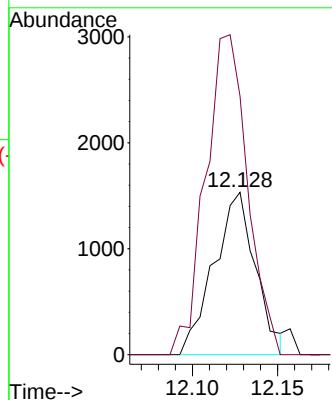
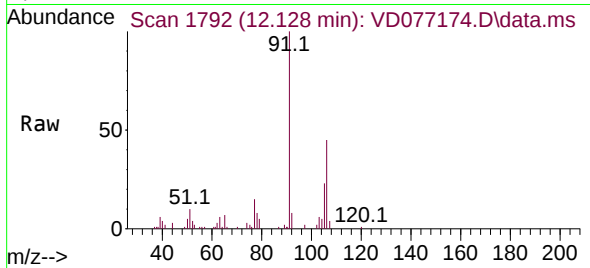




#55
Styrene
Concen: 0.326 ug/L
RT: 12.128 min Scan# 1791
Delta R.T. -0.006 min
Lab File: VD077174.D
Acq: 21 Sep 2023 12:05

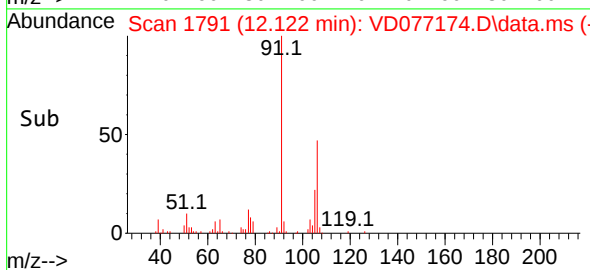
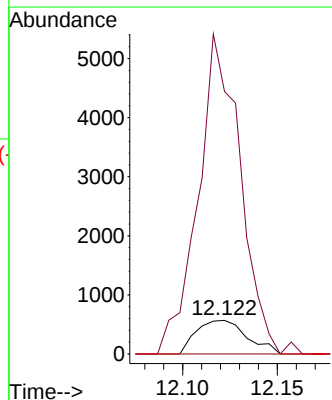
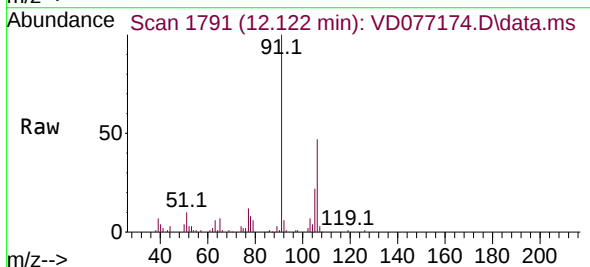
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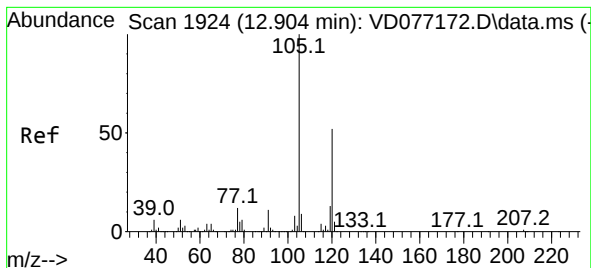
Tgt Ion:104 Resp: 2607
Ion Ratio Lower Upper
104 100
78 159.2 27.8 51.6#



#61
1,2,3-Trichloropropane
Concen: 1.027 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.606 min
Lab File: VD077174.D
Acq: 21 Sep 2023 12:05

Tgt Ion: 75 Resp: 1056
Ion Ratio Lower Upper
75 100
77 789.0 26.6 40.0#
110 0.0 33.6 50.4#





#62

1,3,5-Trimethylbenzene

Concen: 0.951 ug/L

RT: 13.216 min Scan# 1924

Delta R.T. 0.312 min

Lab File: VD077174.D

Acq: 21 Sep 2023 12:05

Instrument :

MSVOA_D

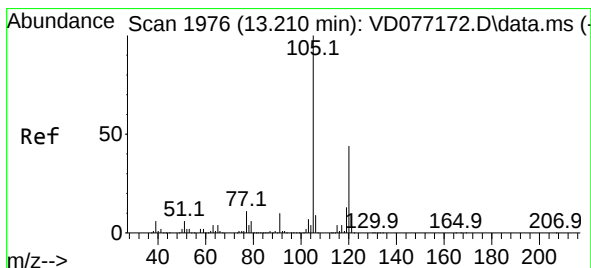
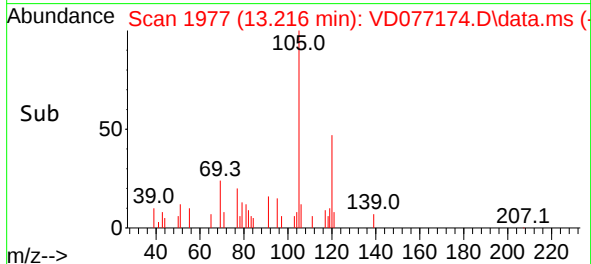
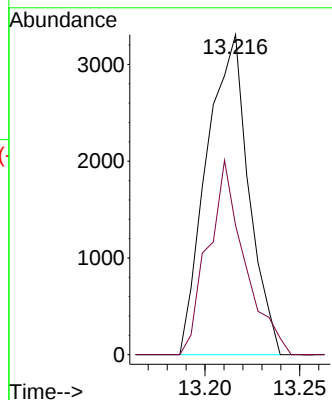
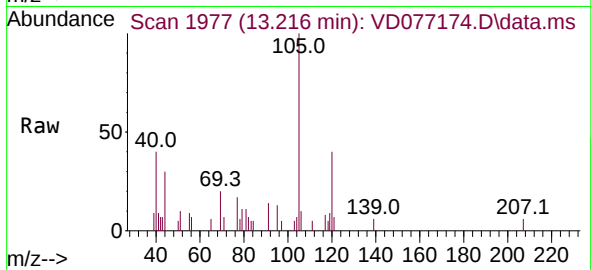
ClientSampleId :

Tgt Ion:105 Resp: 5106

Ion Ratio Lower Upper

105 100

120 52.9 40.2 60.2



#63

1,2,4-Trimethylbenzene

Concen: 0.971 ug/L

RT: 13.216 min Scan# 1977

Delta R.T. 0.006 min

Lab File: VD077174.D

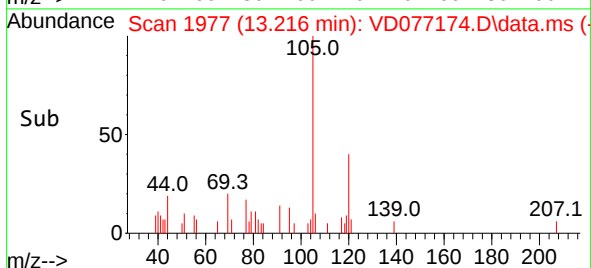
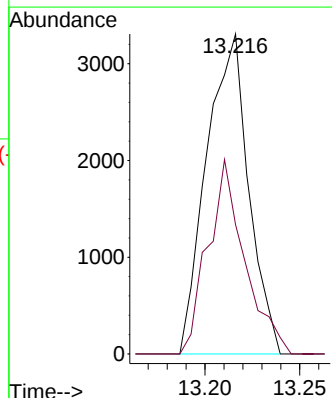
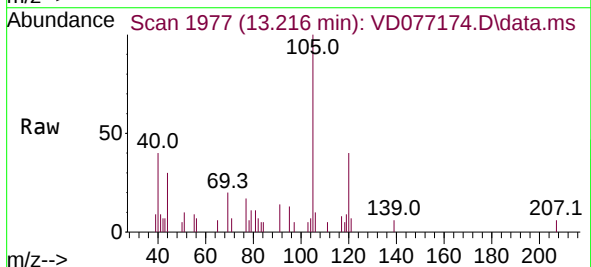
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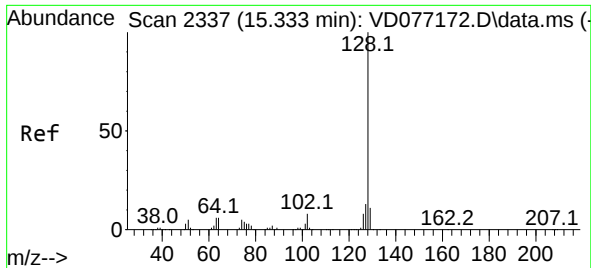
Tgt Ion:105 Resp: 5106

Ion Ratio Lower Upper

105 100

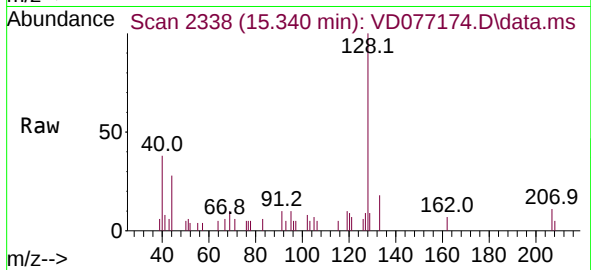
120 52.9 37.8 56.8





#71
Naphthalene
Concen: 1.651 ug/L
RT: 15.340 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD077174.D
Acq: 21 Sep 2023 12:05

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:128 Resp: 6156
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 3.5 8.6 13.0#

