

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 :
 EZYG8

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)

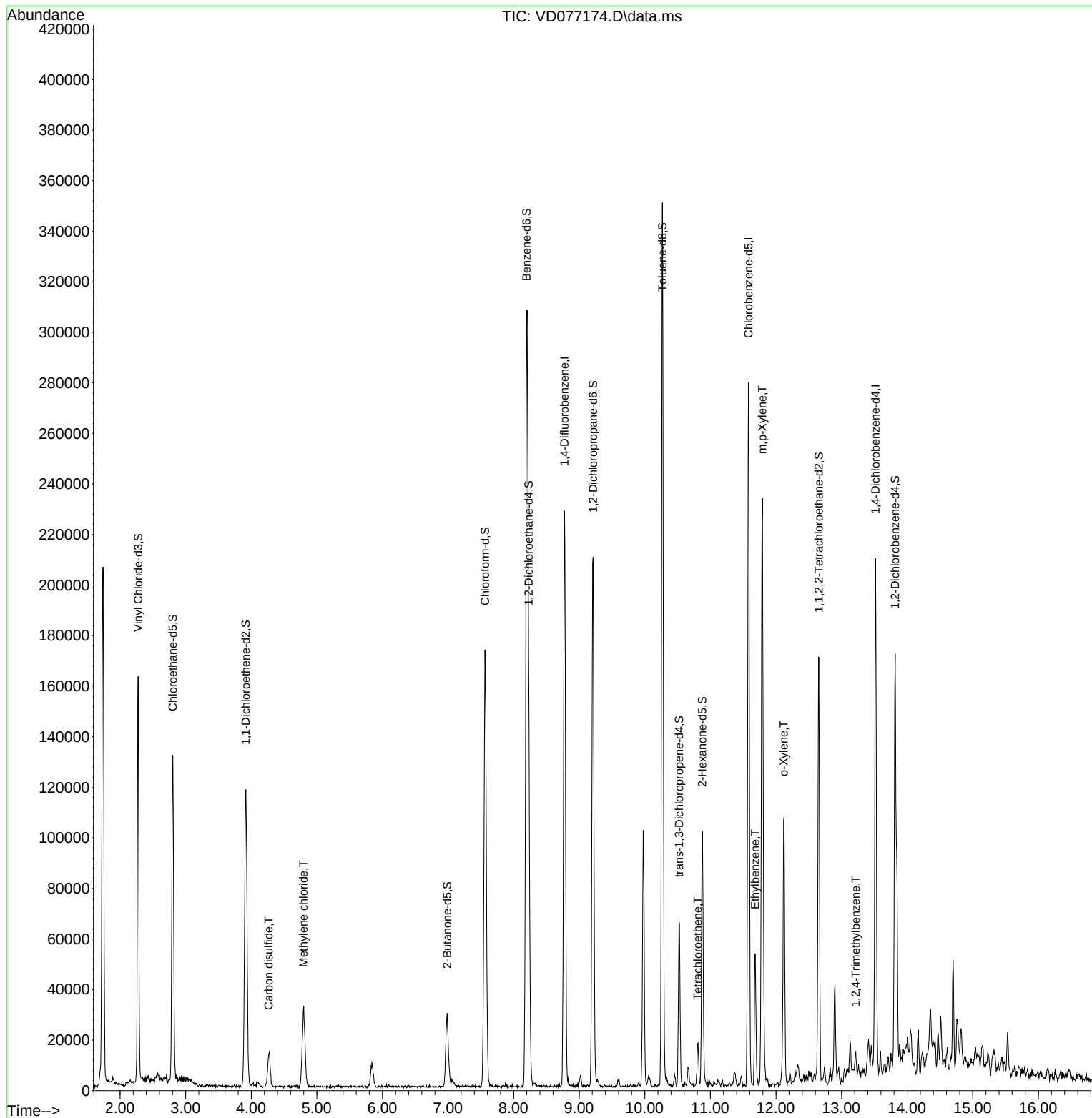
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	211696	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	170512	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	53847	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.276	65	148061	28.384	ug/L	0.00
Spiked Amount	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
46) Tetrachloroethene	10.804	164	4066	1.831	ug/L	79
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
63) 1,2,4-Trimethylbenzene	13.216	105	5106	0.971	ug/L	92

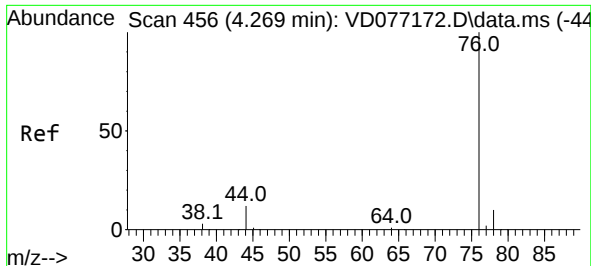
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Sep 22 01:29:35 2023
Response via : Initial Calibration

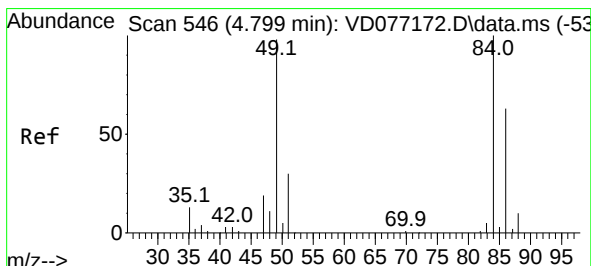
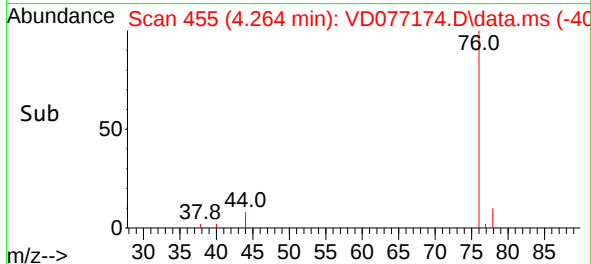
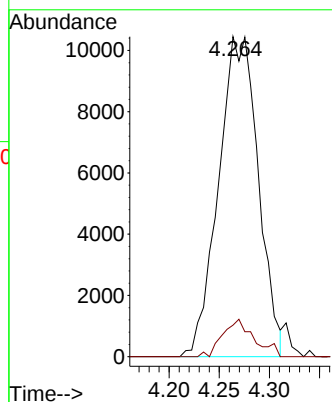
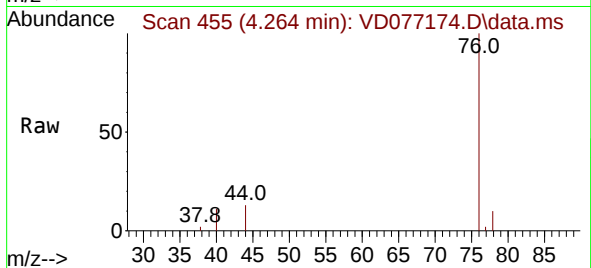




#14
Carbon disulfide
Concen: 3.134 ug/L
RT: 4.264 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD077174.D
Acq: 21 Sep 2023 12:05

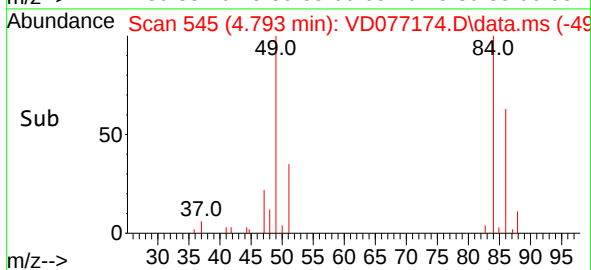
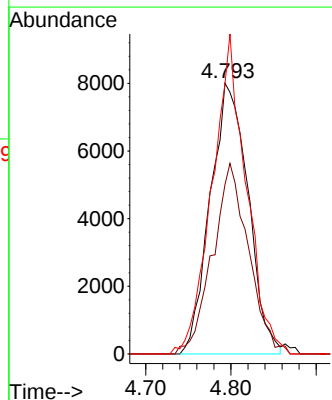
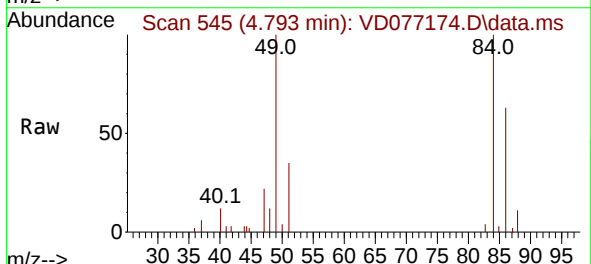
Instrument :
MSVOA_D
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EZYG8

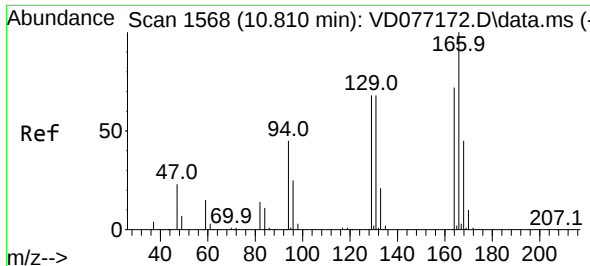
Tgt Ion: 76 Resp: 28836
Ion Ratio Lower Upper
76 100
78 9.9 7.5 11.3



#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

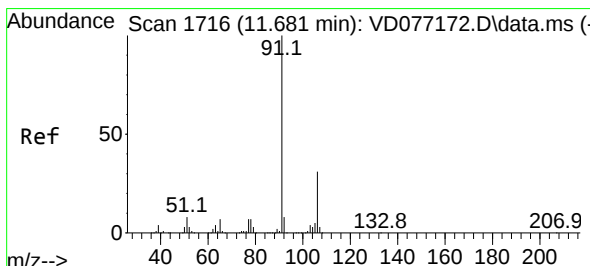
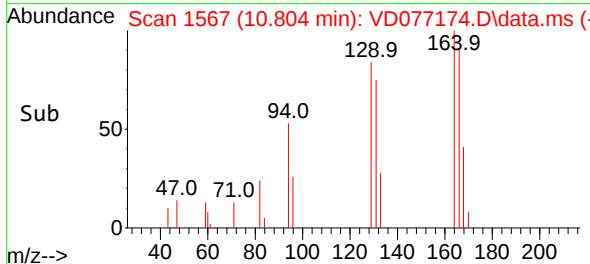
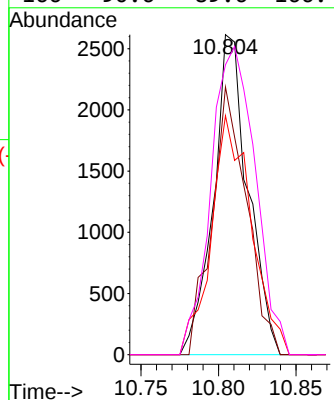
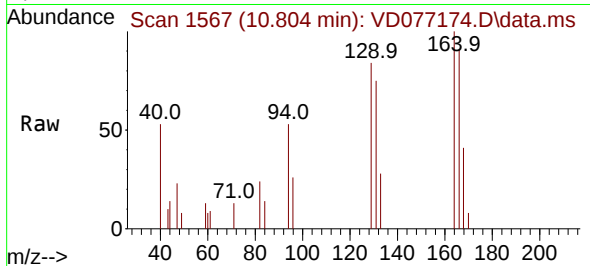




#46
Tetrachloroethene
Concen: 1.831 ug/L
RT: 10.804 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VD077174.D
Acq: 21 Sep 2023 12:05

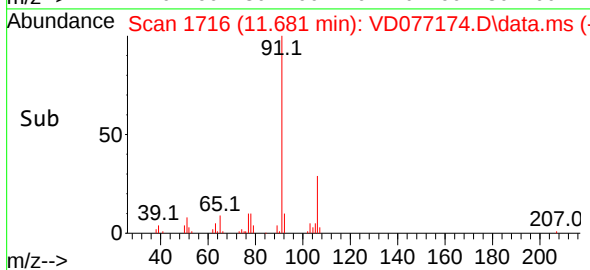
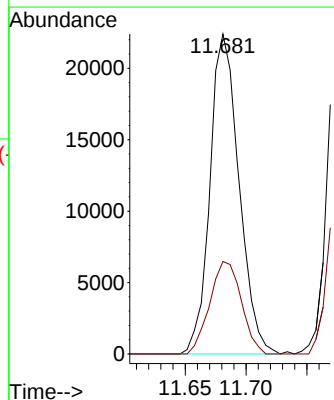
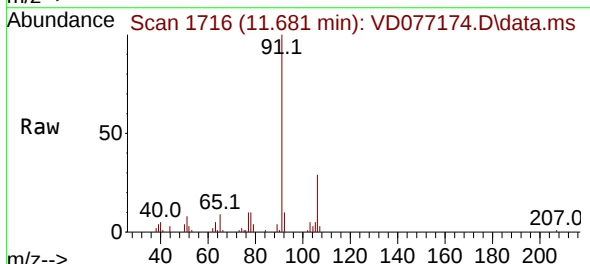
Instrument :
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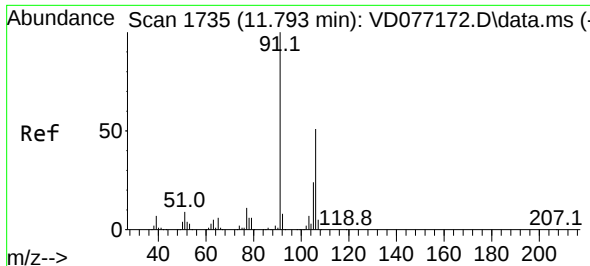
Tgt Ion:164	Resp:	4066
Ion	Ratio	Lower Upper
164	100	
129	83.7	66.4 123.4
131	74.6	62.6 116.3
166	90.6	89.6 166.4



#52
Ethylbenzene
Concen: 3.090 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD077174.D
Acq: 21 Sep 2023 12:05

Tgt Ion: 91	Resp:	37106
Ion	Ratio	Lower Upper
91	100	
106	28.9	22.1 41.1

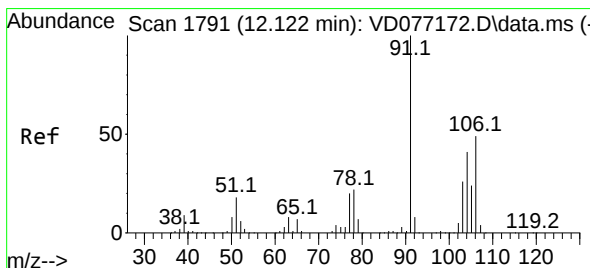
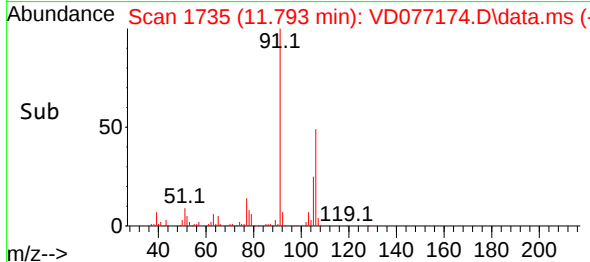
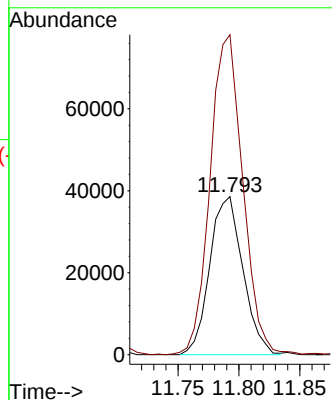
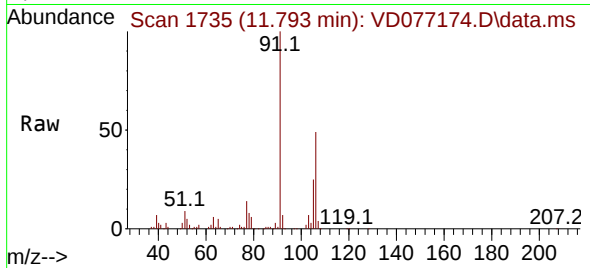




#53
m,p-Xylene
Concen: 15.779 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD077174.D
Acq: 21 Sep 2023 12:05

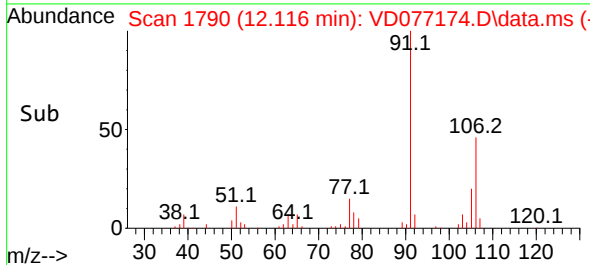
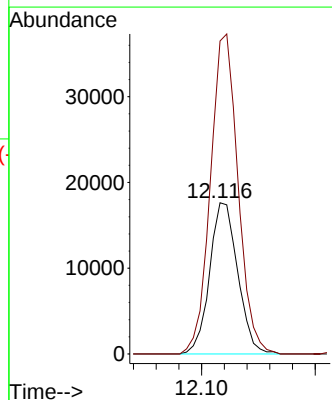
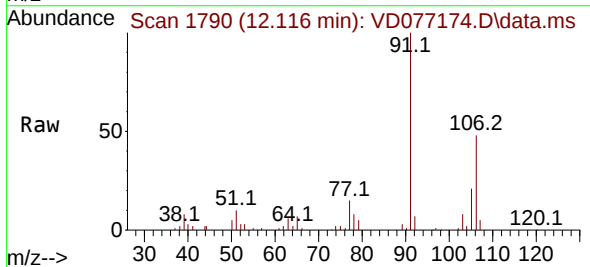
Instrument :
MSVOA_D
ClientSampleId :
EZYG8

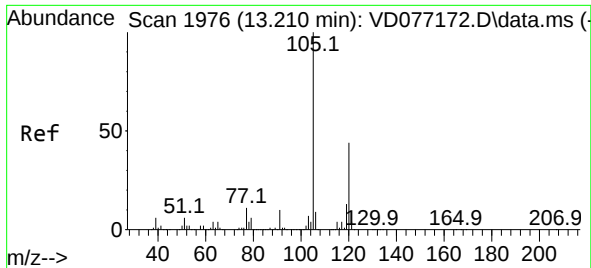
Tgt Ion:106 Resp: 73154
Ion Ratio Lower Upper
106 100
91 202.5 138.2 256.6



#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





#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

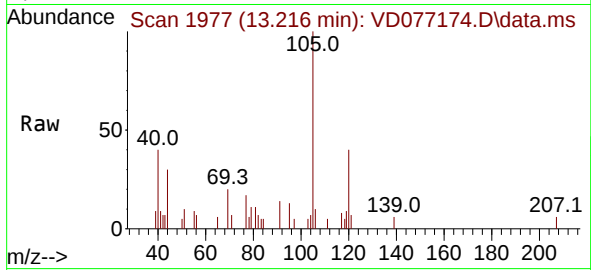
Acq: 21 Sep 2023 12:05

Instrument :

MSVOA_D

ClientSampleId :

EZYG8



Tgt Ion:105 Resp: 5106

Ion Ratio Lower Upper

105 100

120 52.9 37.8 56.8

