

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092223\
 Data File : VD077196.D
 Acq On : 22 Sep 2023 12:24
 Operator : JC/SY
 Sample : 04527-01
 Misc : 5.22G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EZYG8

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/25/2023
 Supervised By :Semsettin Yesilyurt 09/25/2023

Quant Time: Sep 22 23:42:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 22 23:41:10 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	287521	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	305876	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	164344	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	121213	17.109	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	68.440%		
7) Chloroethane-d5	2.805	69	107142	18.390	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	73.560%		
11) 1,1-Dichloroethene-d2	3.916	65	30263	18.805	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	75.200%		
21) 2-Butanone-d5	6.981	46	36185	40.543	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	81.080%		
24) Chloroform-d	7.569	84	165210	20.999	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	84.000%		
26) 1,2-Dichloroethane-d4	8.234	65	83499	22.392	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	89.560%		
32) Benzene-d6	8.199	84	326710	19.339	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	77.360%		
36) 1,2-Dichloropropane-d6	9.210	67	103746	21.414	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	85.640%		
41) Toluene-d8	10.269	98	281379	18.195	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	72.760%		
43) trans-1,3-Dichloroprop...	10.528	79	38384	17.388	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	69.560%		
47) 2-Hexanone-d5	10.875	63	27442	35.464	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	70.920%		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	87996	20.374	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	81.480%		
66) 1,2-Dichlorobenzene-d4	13.816	152	105166	19.937	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	79.760%		
Target Compounds					Qvalue	
13) Acetone	4.028	43	6957m	5.434	ug/L	
14) Carbon disulfide	4.269	76	222219	17.780	ug/L	100
16) Methylene chloride	4.805	84	8479	1.449	ug/L	94
46) Tetrachloroethene	10.810	164	5136	1.289	ug/L	82
52) Ethylbenzene	11.687	91	18345	0.852	ug/L	93
53) m,p-Xylene	11.793	106	32535	3.912	ug/L	90
54) o-Xylene	12.122	106	12775	1.591	ug/L	96
63) 1,2,4-Trimethylbenzene	13.210	105	8890	0.554	ug/L	96

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

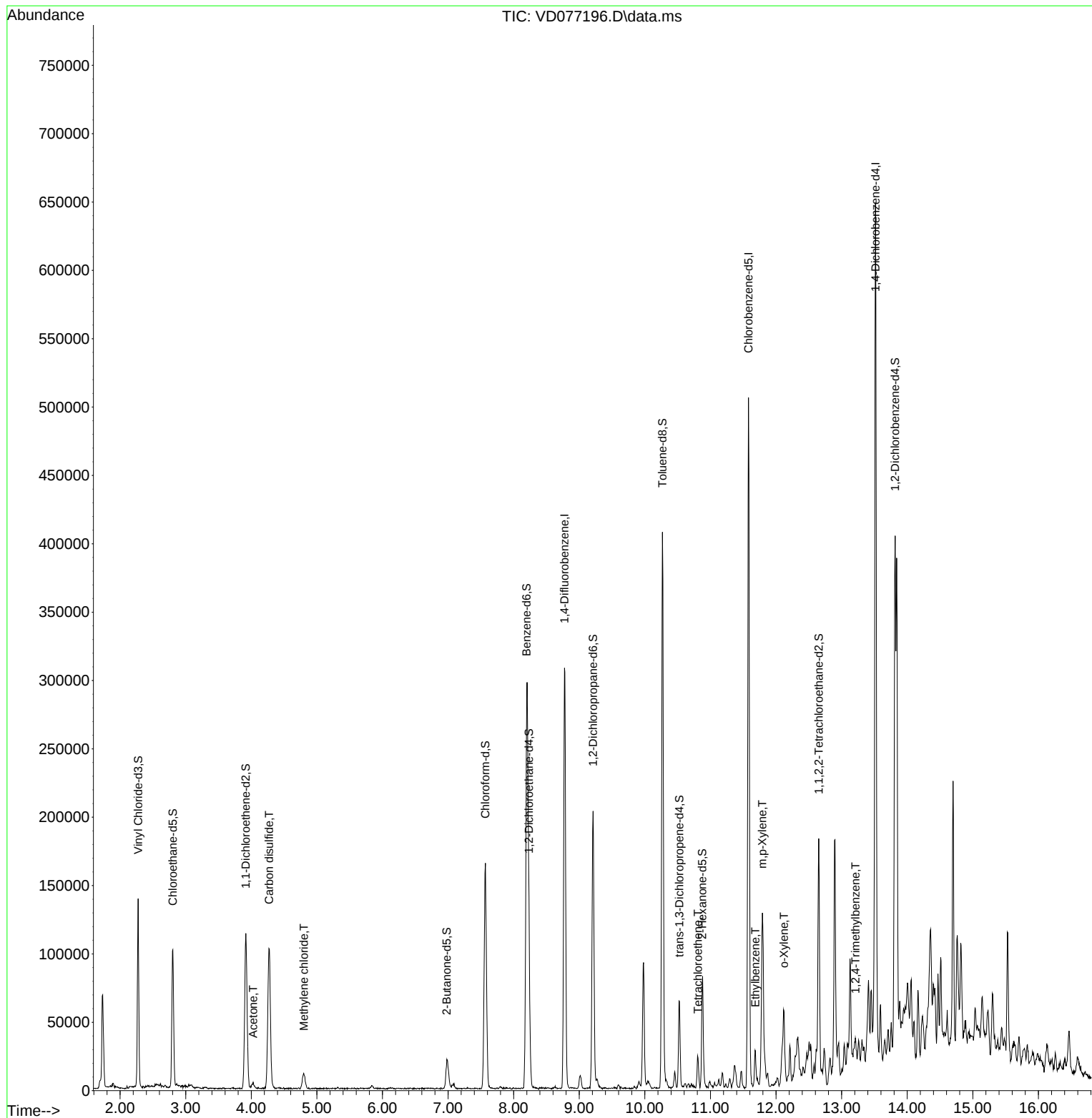
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092223\
Data File : VD077196.D
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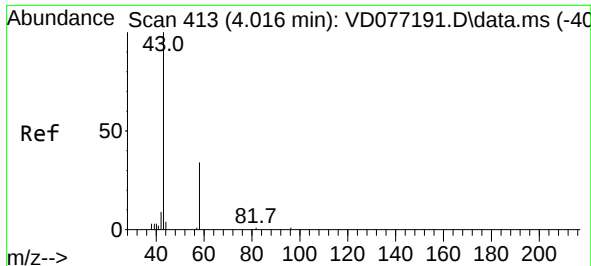
Instrument :
MSVOA_D
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Quant Title : SFAM01.0
QLast Update : Fri Sep 22 23:41:10 2023
Response via : Initial Calibration





#13

Acetone

Concen: 5.434 ug/L m

RT: 4.028 min Scan# 41

Delta R.T. 0.012 min

Lab File: VD077196.D

Acq: 22 Sep 2023 12:24

Instrument :

MSVOA_D

ClientSampleId :

EZYG8

Tgt Ion: 43 Resp: 695

Ion Ratio Lower Upper

43 100

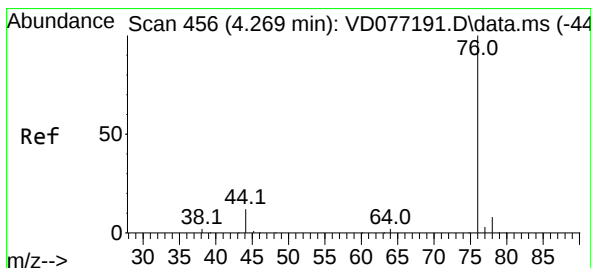
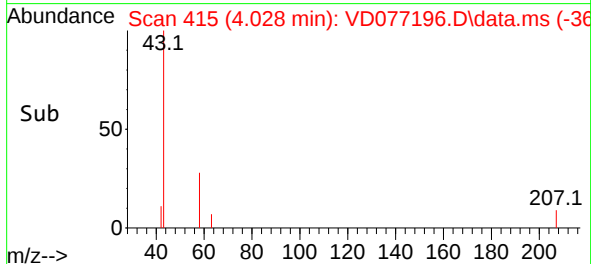
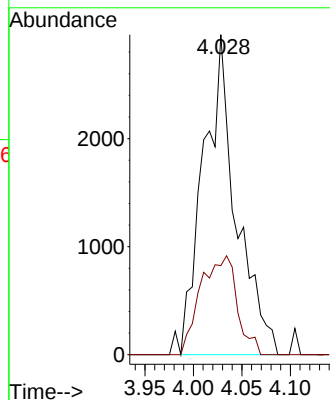
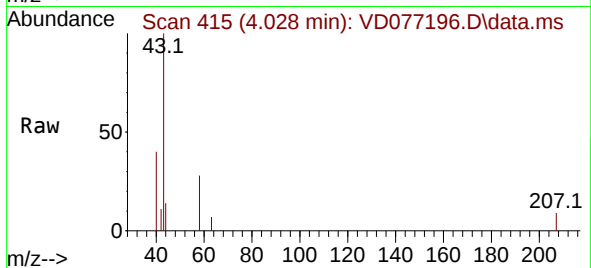
58 0.0 0.0 71.8

Manual Integrations

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#14

Carbon disulfide

Concen: 17.780 ug/L

RT: 4.269 min Scan# 456

Delta R.T. 0.000 min

Lab File: VD077196.D

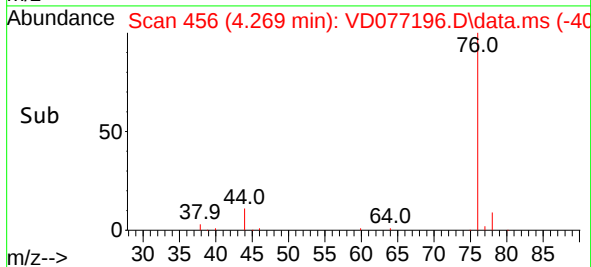
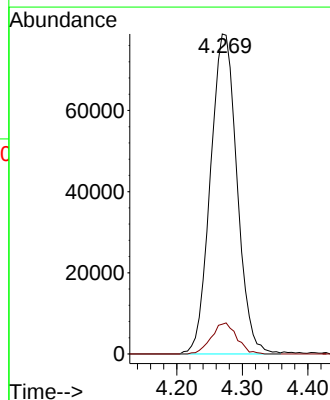
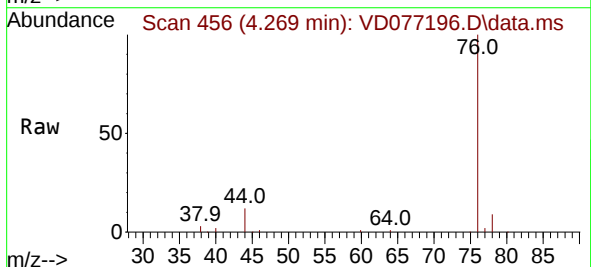
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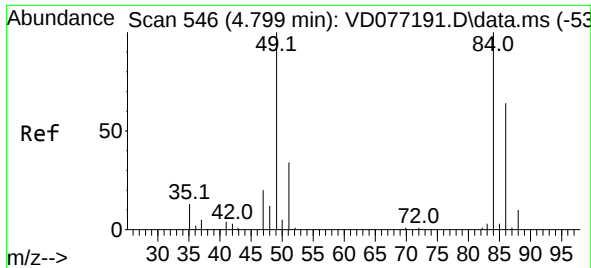
Tgt Ion: 76 Resp: 222219

Ion Ratio Lower Upper

76 100

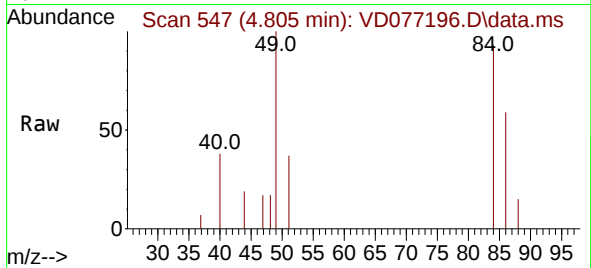
78 9.3 7.5 11.3





#16
Methylene chloride
Concen: 1.449 ug/L
RT: 4.805 min Scan# 546
Delta R.T. 0.006 min
Lab File: VD077196.D
Acq: 22 Sep 2023 12:24

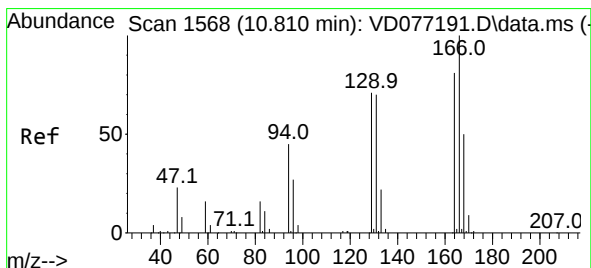
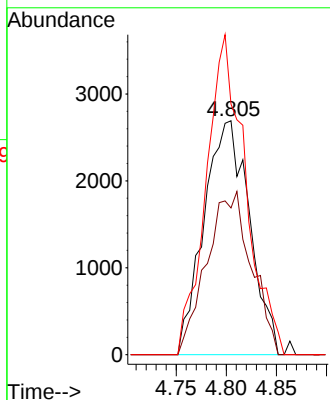
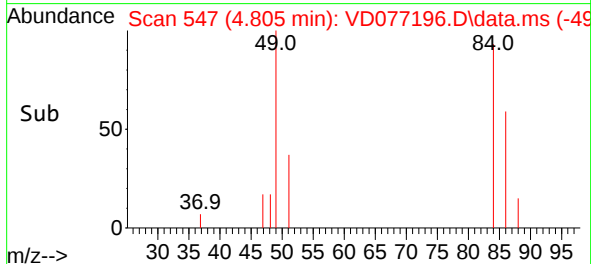
Instrument :
MSVOA_D
ClientSampleId :
EZYG8



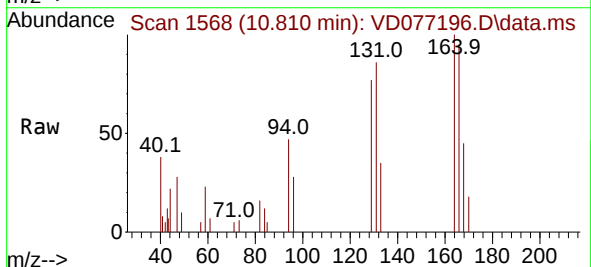
Tgt Ion: 84 Resp: 8479
Ion Ratio Lower Upper
84 100
86 62.8 45.3 84.1
49 107.1 69.2 128.6

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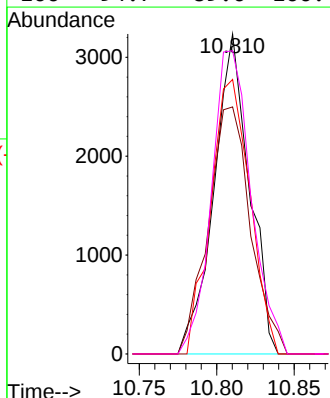
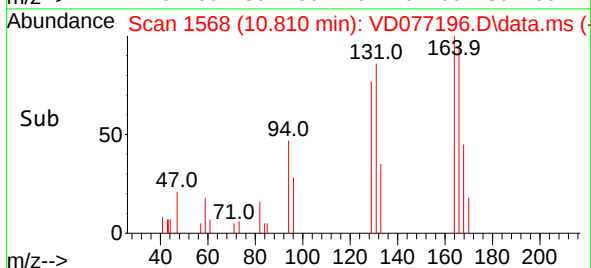
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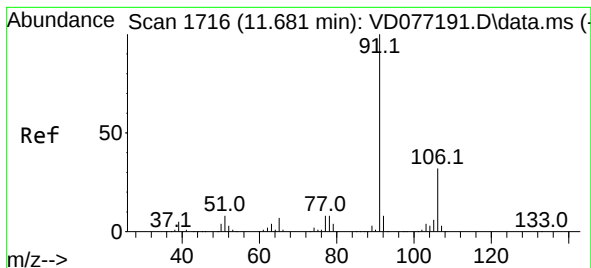


#46
Tetrachloroethene
Concen: 1.289 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077196.D
Acq: 22 Sep 2023 12:24



Tgt Ion:164 Resp: 5136
Ion Ratio Lower Upper
164 100
129 77.2 66.4 123.4
131 85.8 62.6 116.3
166 94.7 89.6 166.4





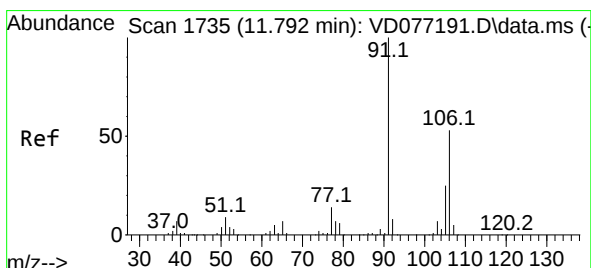
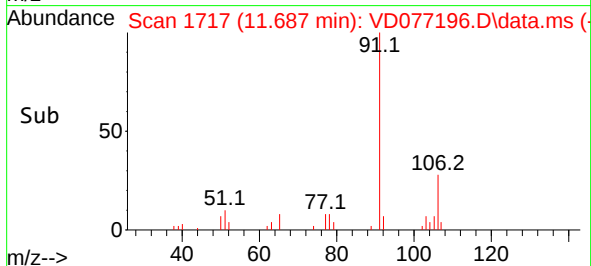
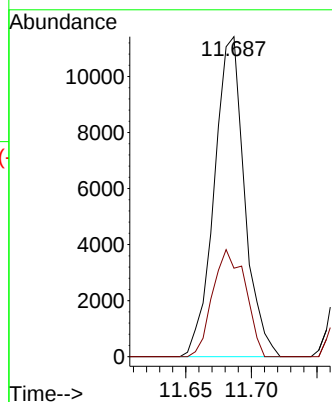
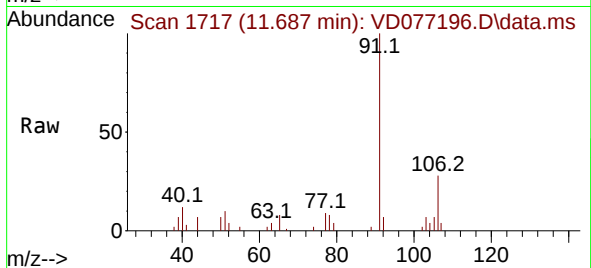
#52
Ethylbenzene
Concen: 0.852 ug/L
RT: 11.687 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VD077196.D
Acq: 22 Sep 2023 12:24

Instrument :
MSVOA_D
ClientSampleId :
EZYG8

Tgt Ion: 91 Resp: 18345
Ion Ratio Lower Upper
91 100
106 27.7 22.1 41.1

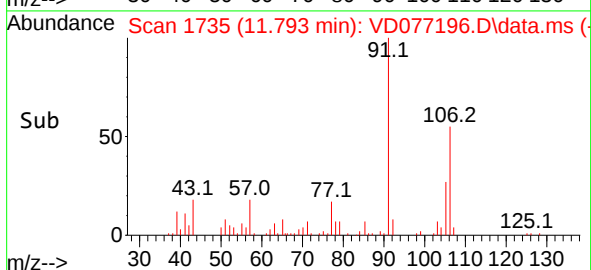
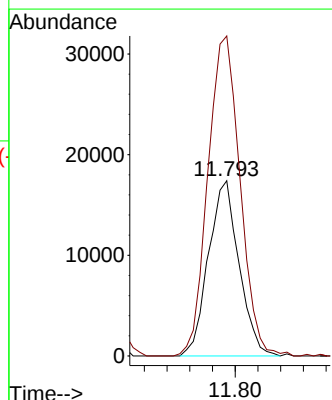
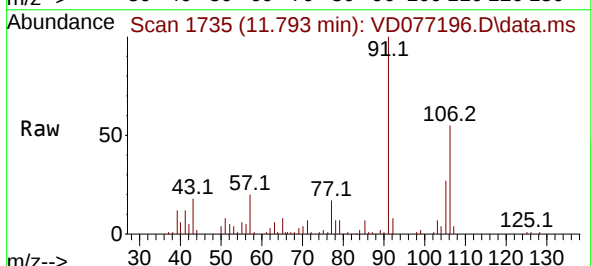
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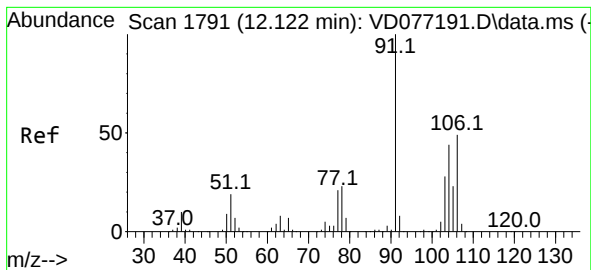
Reviewed By :Mahesh Dadoda 09/25/2023
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#53
m,p-Xylene
Concen: 3.912 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD077196.D
Acq: 22 Sep 2023 12:24

Tgt Ion:106 Resp: 32535
Ion Ratio Lower Upper
106 100
91 182.6 138.2 256.6





#54

o-Xylene

Concen: 1.591 ug/L

RT: 12.122 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VD077196.D

Acq: 22 Sep 2023 12:24

Instrument :

MSVOA_D

ClientSampleId :

EZYG8

Tgt Ion:106 Resp: 12775

Ion Ratio Lower Upper

106 100

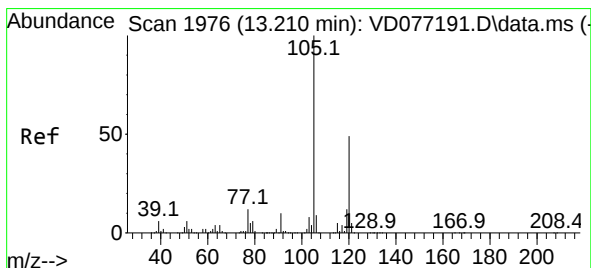
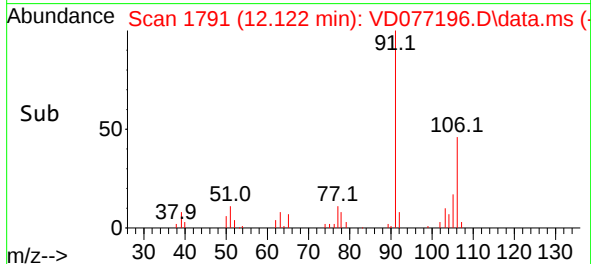
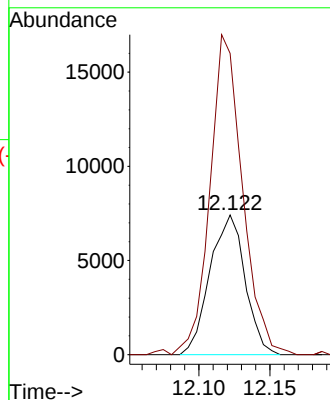
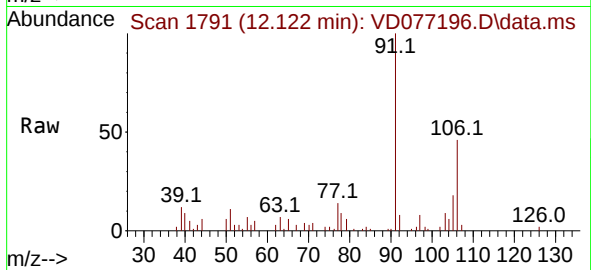
91 215.7 146.9 272.7

Manual Integrations

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#63

1,2,4-Trimethylbenzene

Concen: 0.554 ug/L

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD077196.D

Acq: 22 Sep 2023 12:24

Tgt Ion:105 Resp: 8890

Ion Ratio Lower Upper

105 100

120 44.4 37.8 56.8

