

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092123\
 Data File : VD077175.D
 Acq On : 21 Sep 2023 12:43
 Operator : JC/SY
 Sample : 04527-02
 Misc : 5.70G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EZYG9

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone
 09/22/2023

Supervised By :Mahesh
 Dadoda
 09/22/2023

Quant Time: Sep 22 01:30:45 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	275866	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	272575	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	126028	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	147377	21.681	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	86.720%		
7) Chloroethane-d5	2.799	69	133039	23.800	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	95.200%		
11) 1,1-Dichloroethene-d2	3.911	65	36262	23.484	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	93.920%		
21) 2-Butanone-d5	6.981	46	48136	56.211	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	112.420%		
24) Chloroform-d	7.563	84	150645	19.957	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	79.840%		
26) 1,2-Dichloroethane-d4	8.228	65	98669	27.579	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	110.320%		
32) Benzene-d6	8.199	84	375514	24.943	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	99.760%		
36) 1,2-Dichloropropane-d6	9.210	67	118415	27.428	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	109.720%		
41) Toluene-d8	10.269	98	326619	23.701	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	94.800%		
43) trans-1,3-Dichloroprop...	10.528	79	47398	24.095	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	96.360%		
47) 2-Hexanone-d5	10.875	63	37878	54.932	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	109.860%		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	52590	13.664	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	54.640%		
66) 1,2-Dichlorobenzene-d4	13.816	152	103978	25.704	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	102.800%		
Target Compounds					Qvalue	
13) Acetone	4.028	43	6225m	5.067	ug/L	
14) Carbon disulfide	4.269	76	36959	3.082	ug/L #	94
16) Methylene chloride	4.805	84	38821	6.914	ug/L	95
17) trans-1,2-Dichloroethene	5.311	96	3902m	0.967	ug/L	
19) 1,1-Dichloroethane	6.105	63	4423m	0.650	ug/L	
20) cis-1,2-Dichloroethene	7.075	96	89498	19.381	ug/L	96
25) Chloroform	7.587	83	42427	5.587	ug/L	96
34) Trichloroethene	9.022	95	13282	3.059	ug/L	89
42) Toluene	10.328	91	7808	0.440	ug/L	98
46) Tetrachloroethene	10.810	164	108863	30.672	ug/L	96
52) Ethylbenzene	11.681	91	6372	0.332	ug/L	96
53) m,p-Xylene	11.787	106	7825	1.056	ug/L	75
54) o-Xylene	12.116	106	4517	0.631	ug/L	82
60) Isopropylbenzene	12.416	105	4670	0.288	ug/L #	81
62) 1,3,5-Trimethylbenzene	12.898	105	21317	1.697	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	44715	3.633	ug/L	96

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

Instrument :
MSVOA_D
ClientSampleId :
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Dadoda
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Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092123\
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Operator : JC/SY
Sample : 04527-02
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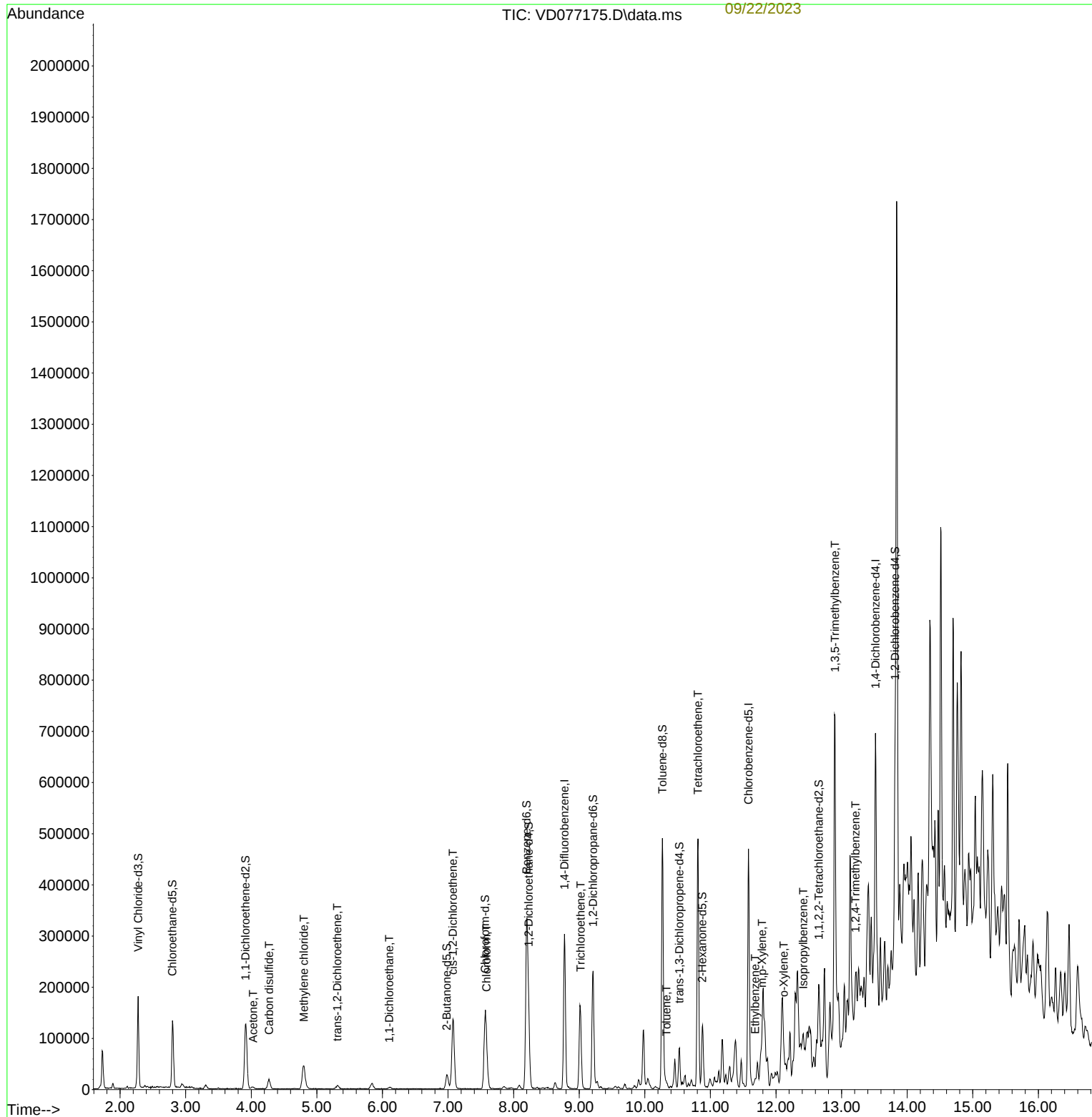
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MSVOA_D
ClientSampleId :
EZYG9

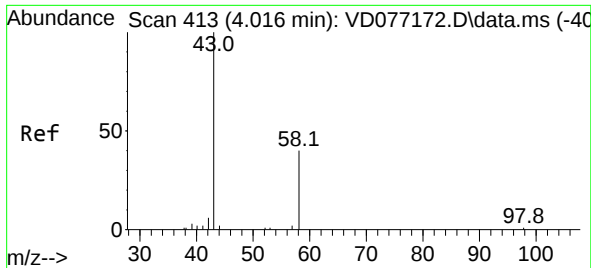
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Sep 22 01:29:35 2023
Response via : Initial Calibration

Manual Integrations
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Reviewed By :John
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09/22/2023

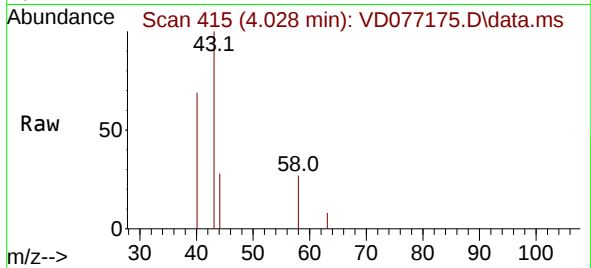
Supervised By :Mahesh
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09/22/2023





#13
Acetone
Concen: 5.067 ug/L m
RT: 4.028 min Scan# 413
Delta R.T. 0.012 min
Lab File: VD077175.D
Acq: 21 Sep 2023 12:43

Instrument :
MSVOA_D
ClientSampleId :
EZYG9

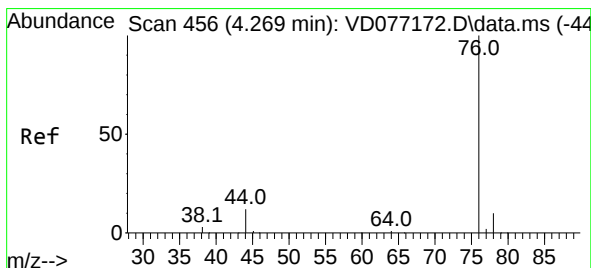
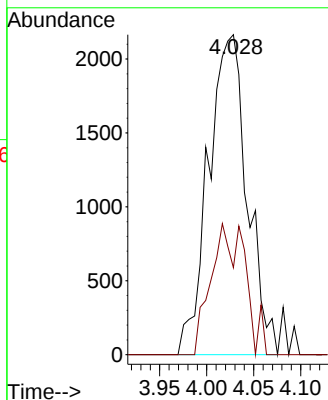
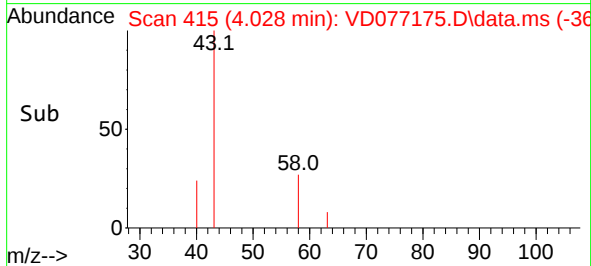


Tgt Ion: 43 Resp: 6225
Ion Ratio Lower Upper
43 100
58 11.1 0.0 71.8

Manual Integrations
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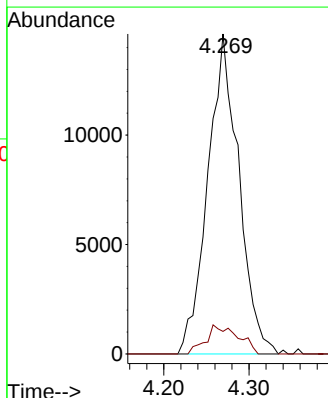
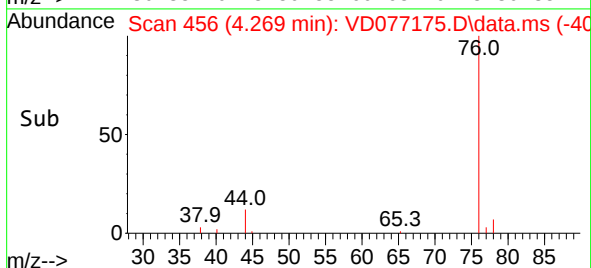
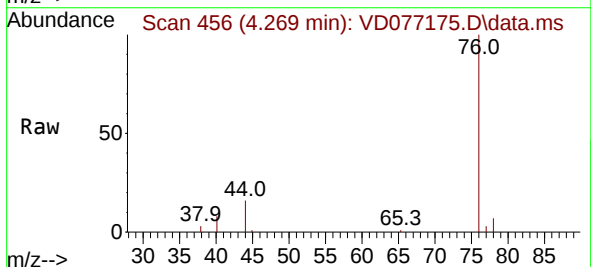
Reviewed By :John
Carlone
09/22/2023

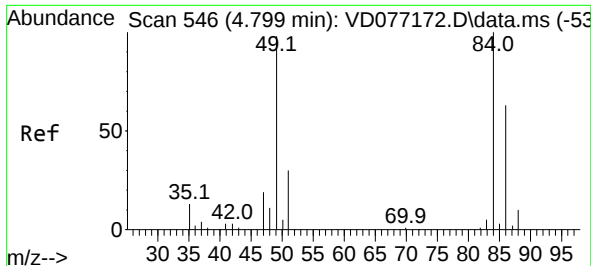
Supervised By :Mahesh
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#14
Carbon disulfide
Concen: 3.082 ug/L
RT: 4.269 min Scan# 456
Delta R.T. 0.000 min
Lab File: VD077175.D
Acq: 21 Sep 2023 12:43

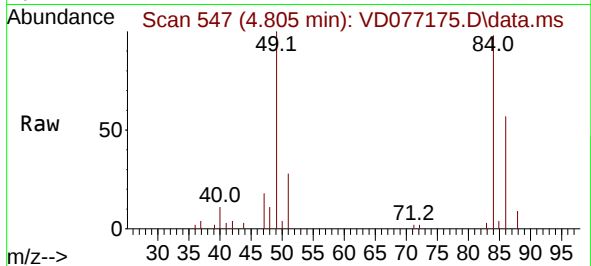
Tgt Ion: 76 Resp: 36959
Ion Ratio Lower Upper
76 100
78 7.1 7.5 11.3#





#16
Methylene chloride
Concen: 6.914 ug/L
RT: 4.805 min Scan# 546
Delta R.T. 0.006 min
Lab File: VD077175.D
Acq: 21 Sep 2023 12:43

Instrument :
MSVOA_D
ClientSampleId :
EZYG9

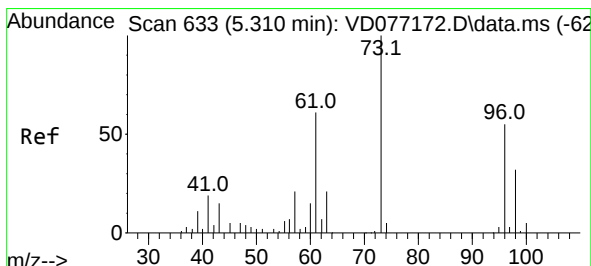
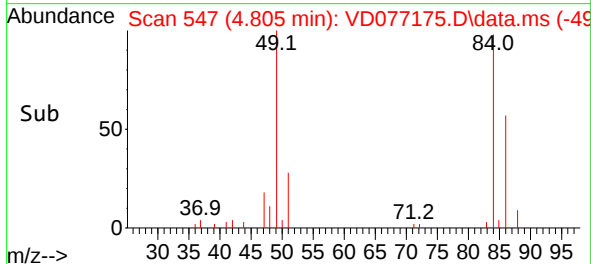
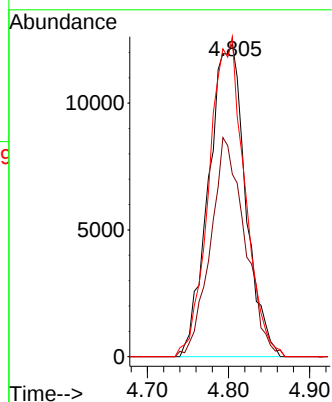


Tgt Ion: 84 Resp: 3882
Ion Ratio Lower Upper
84 100
86 58.3 45.3 84.1
49 102.3 69.2 128.6

Manual Integrations
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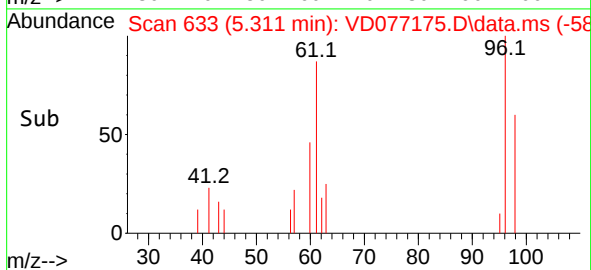
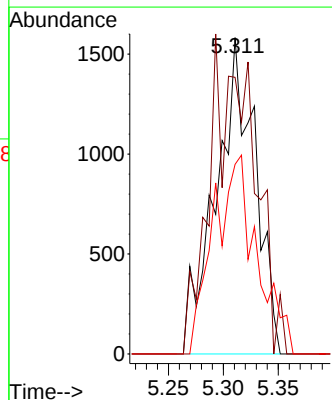
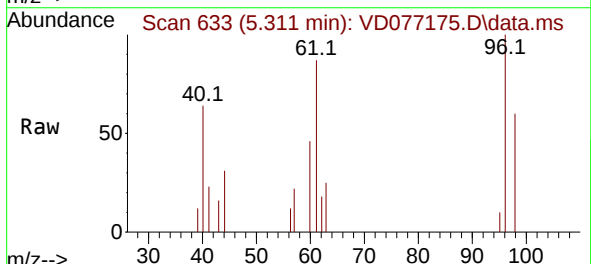
Reviewed By :John
Carlone
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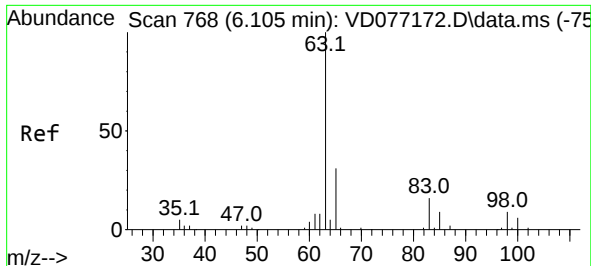
Supervised By :Mahesh
Dadoda
09/22/2023



#17
trans-1,2-Dichloroethene
Concen: 0.967 ug/L m
RT: 5.311 min Scan# 633
Delta R.T. 0.000 min
Lab File: VD077175.D
Acq: 21 Sep 2023 12:43

Tgt Ion: 96 Resp: 3902
Ion Ratio Lower Upper
96 100
61 87.4 85.1 158.1
98 59.9 43.7 81.1





#19

1,1-Dichloroethane

Concen: 0.650 ug/L m

RT: 6.105 min Scan# 7

Delta R.T. 0.000 min

Lab File: VD077175.D

Acq: 21 Sep 2023 12:43

Instrument :

MSVOA_D

ClientSampleId :

EZYG9

Tgt Ion: 63	Resp: 442
Ion Ratio	Lower Upper
63 100	
65 34.8	22.5 41.9
83 29.1	9.9 18.5

Manual Integrations

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Reviewed By :John

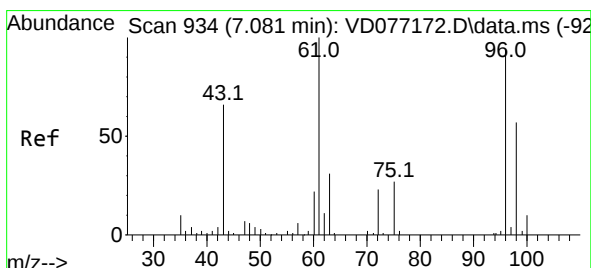
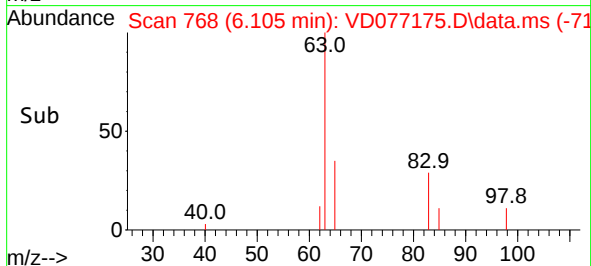
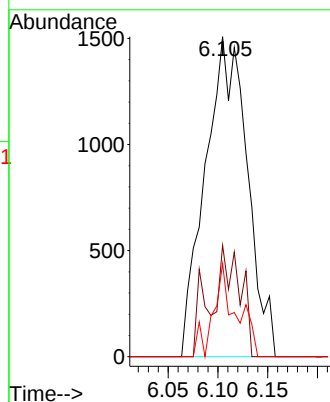
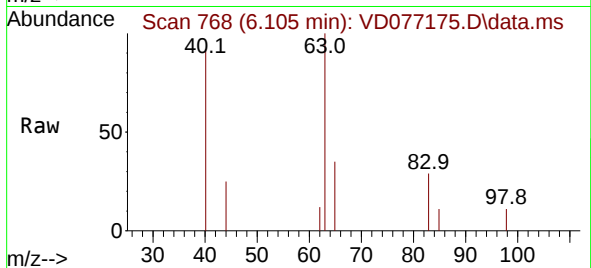
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#20

cis-1,2-Dichloroethene

Concen: 19.381 ug/L

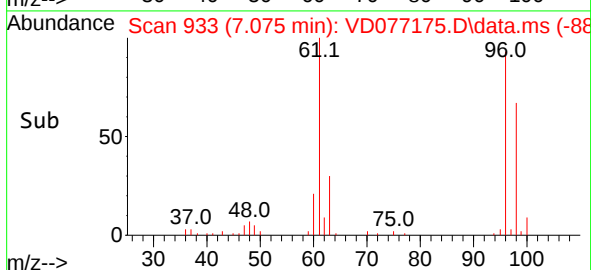
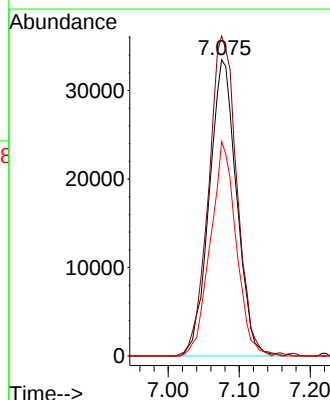
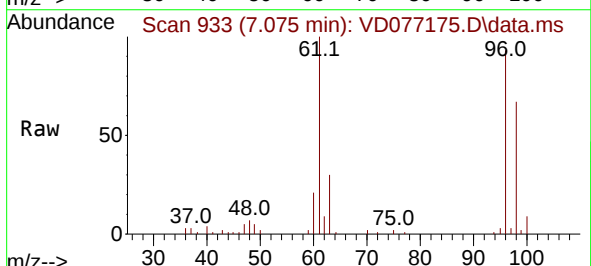
RT: 7.075 min Scan# 933

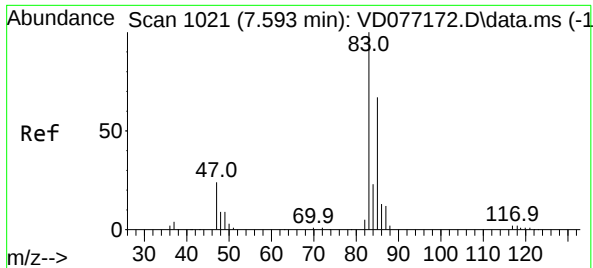
Delta R.T. -0.006 min

Lab File: VD077175.D

Acq: 21 Sep 2023 12:43

Tgt Ion: 96	Resp: 89498
Ion Ratio	Lower Upper
96 100	
61 108.1	75.5 140.1
98 72.4	45.8 85.0





#25

Chloroform

Concen: 5.587 ug/L

RT: 7.587 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VD077175.D

Acq: 21 Sep 2023 12:43

Instrument :

MSVOA_D

ClientSampleId :

EZYG9

Tgt Ion: 83 Resp: 4242

Ion Ratio Lower Upper

83 100

85 62.6 46.2 85.8

Manual Integrations

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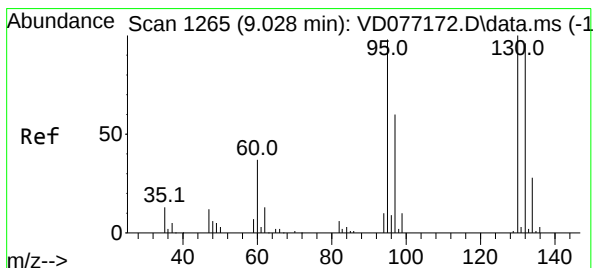
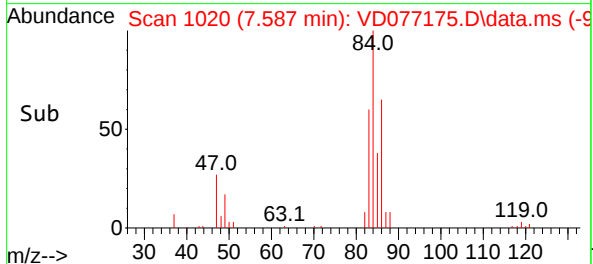
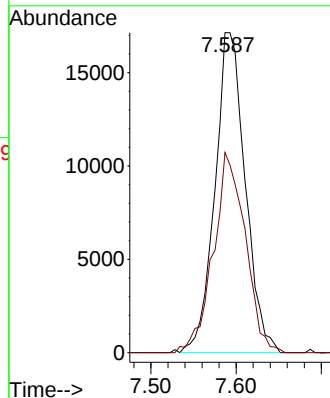
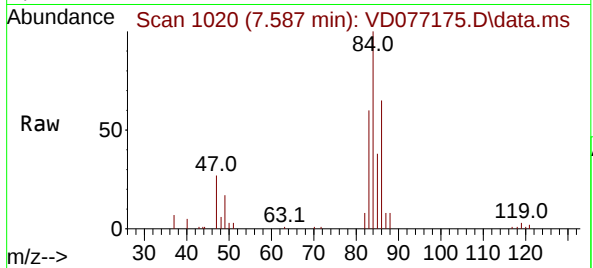
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#34

Trichloroethene

Concen: 3.059 ug/L

RT: 9.022 min Scan# 1264

Delta R.T. -0.006 min

Lab File: VD077175.D

Acq: 21 Sep 2023 12:43

Tgt Ion: 95 Resp: 13282

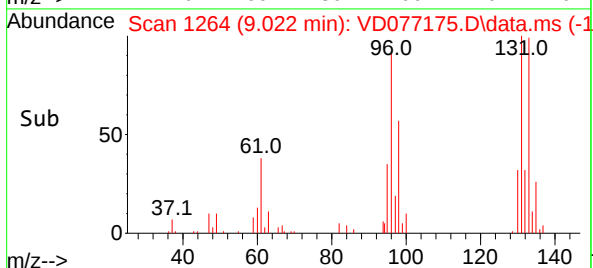
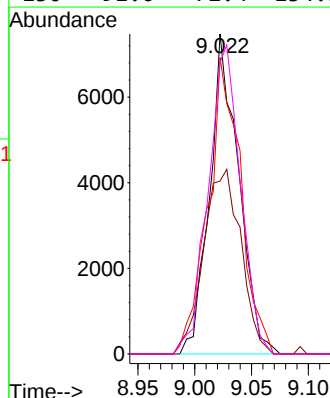
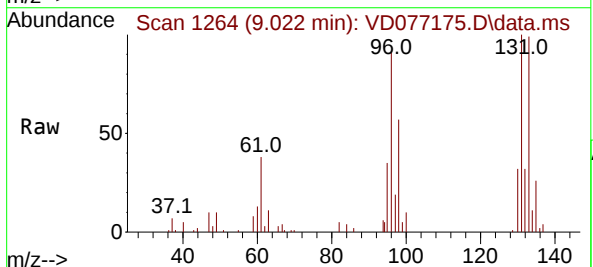
Ion Ratio Lower Upper

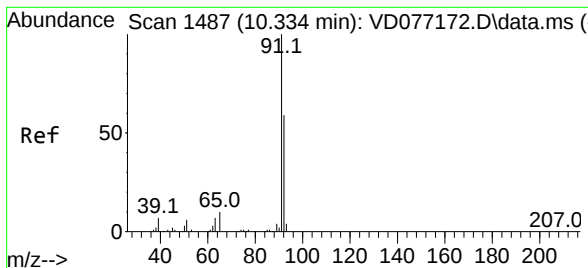
95 100

97 54.1 46.4 86.2

132 92.6 70.1 130.1

130 91.0 72.4 134.5





#42

Toluene

Concen: 0.440 ug/L

RT: 10.328 min Scan# 1486

Delta R.T. -0.006 min

Lab File: VD077175.D

Acq: 21 Sep 2023 12:43

Instrument :

MSVOA_D

ClientSampleId :

EZYG9

Tgt Ion: 91 Resp: 7808

Ion Ratio Lower Upper

91 100

92 56.9 40.8 75.8

Manual Integrations

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Reviewed By :John

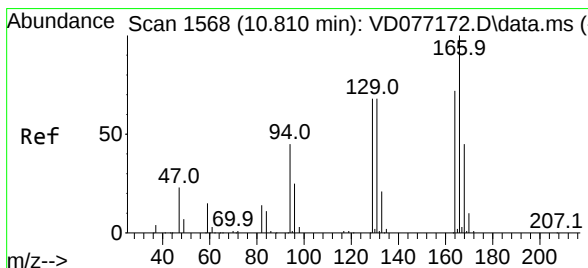
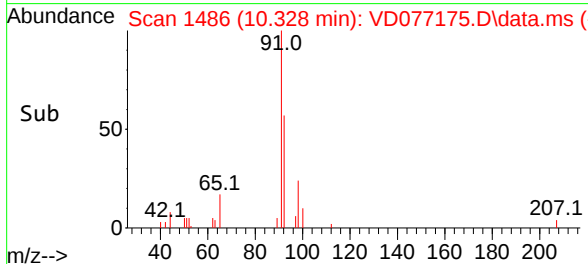
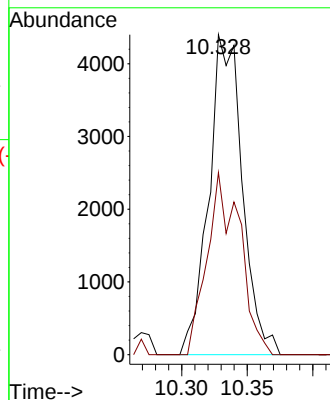
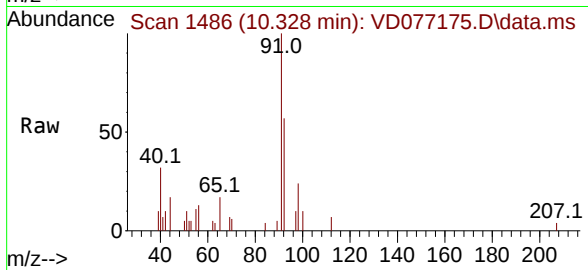
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Supervised By :Mahesh

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09/22/2023



#46

Tetrachloroethene

Concen: 30.672 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD077175.D

Acq: 21 Sep 2023 12:43

Tgt Ion:164 Resp: 108863

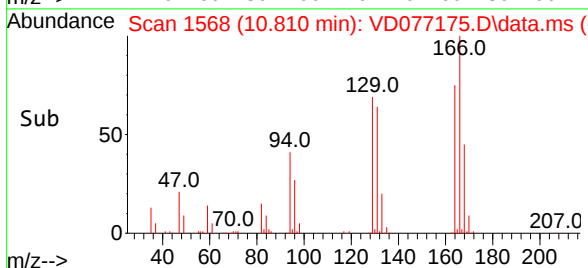
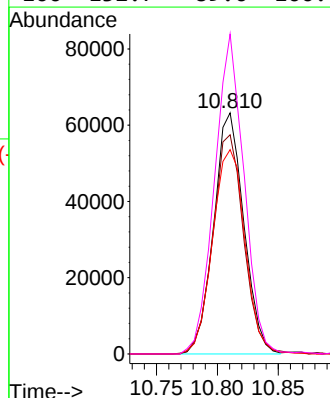
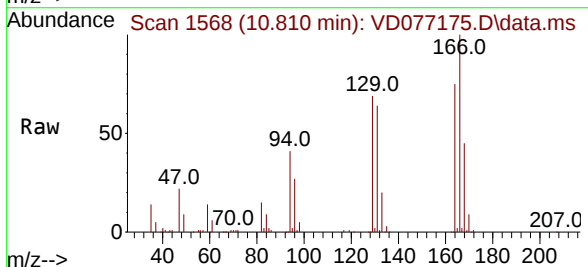
Ion Ratio Lower Upper

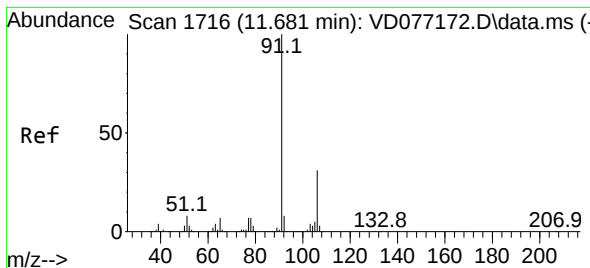
164 100

129 90.9 66.4 123.4

131 84.7 62.6 116.3

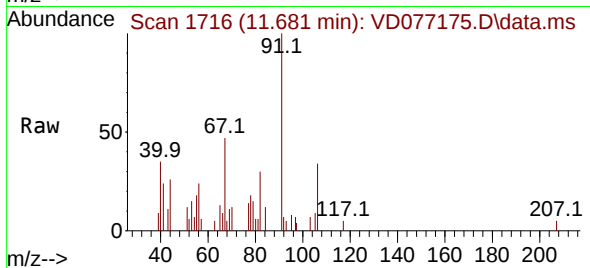
166 132.7 89.6 166.4





#52
Ethylbenzene
Concen: 0.332 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD077175.D
Acq: 21 Sep 2023 12:43

Instrument :
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ClientSampleId :
EZYG9

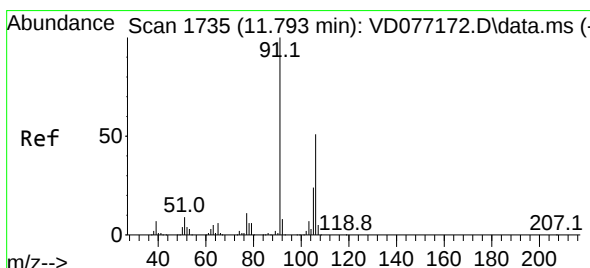
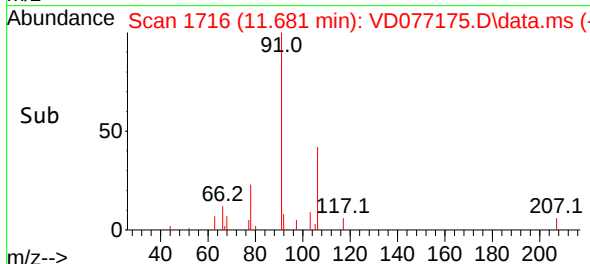
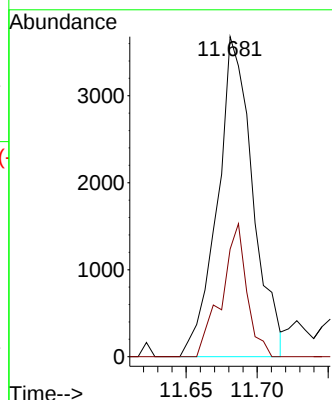


Tgt Ion: 91 Resp: 6372
Ion Ratio Lower Upper
91 100
106 33.6 22.1 41.1

Manual Integrations
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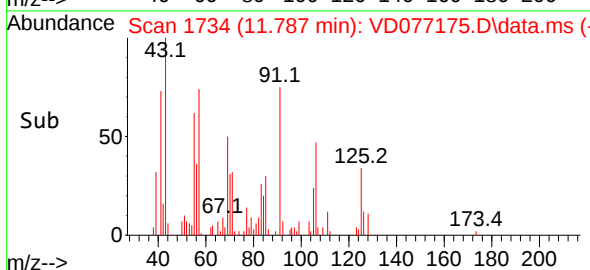
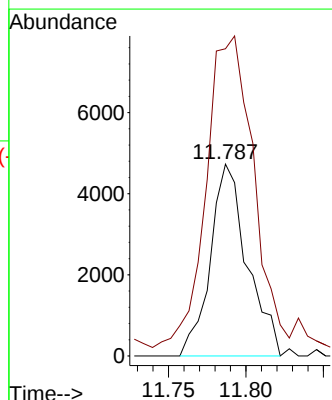
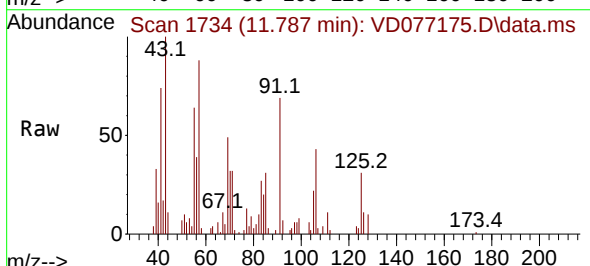
Reviewed By :John
Carlone
09/22/2023

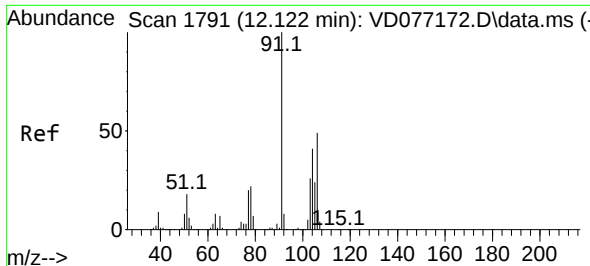
Supervised By :Mahesh
Dadoda
09/22/2023



#53
m,p-Xylene
Concen: 1.056 ug/L
RT: 11.787 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VD077175.D
Acq: 21 Sep 2023 12:43

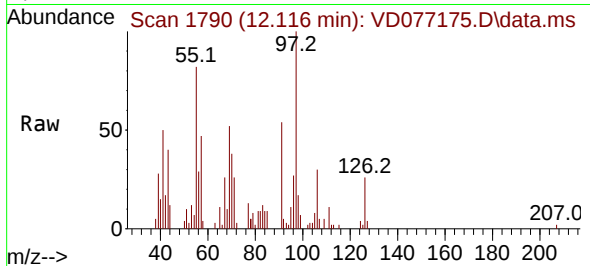
Tgt Ion:106 Resp: 7825
Ion Ratio Lower Upper
106 100
91 160.2 138.2 256.6





#54
o-Xylene
Concen: 0.631 ug/L
RT: 12.116 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VD077175.D
Acq: 21 Sep 2023 12:43

Instrument :
MSVOA_D
ClientSampleId :
EZYG9

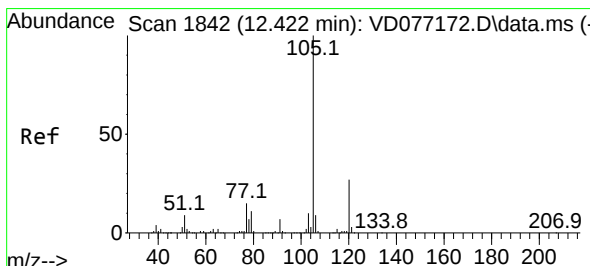
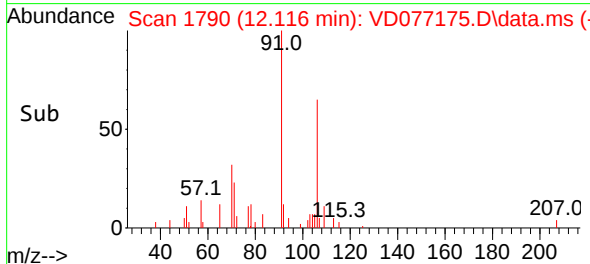
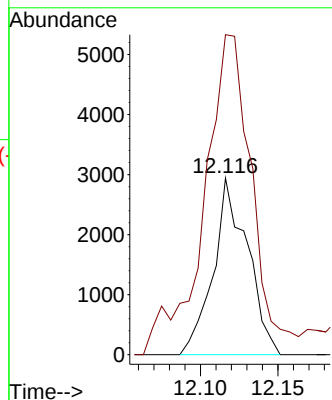


Tgt Ion:106 Resp: 451
Ion Ratio Lower Upper
106 100
91 181.1 146.9 272.7

Manual Integrations
APPROVED

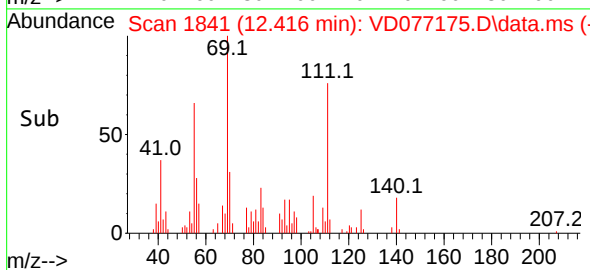
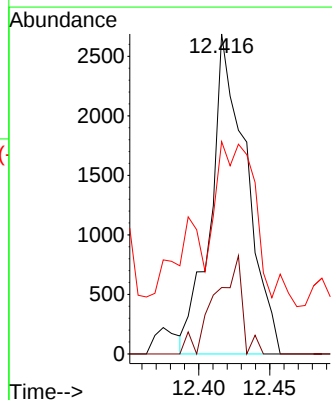
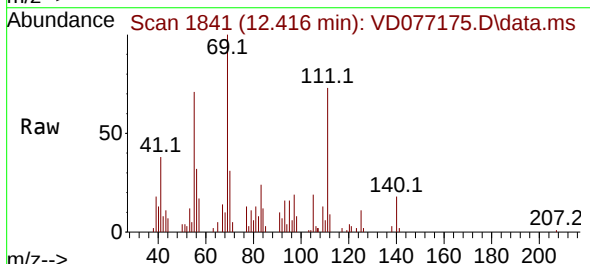
Reviewed By :John
Carlone
09/22/2023

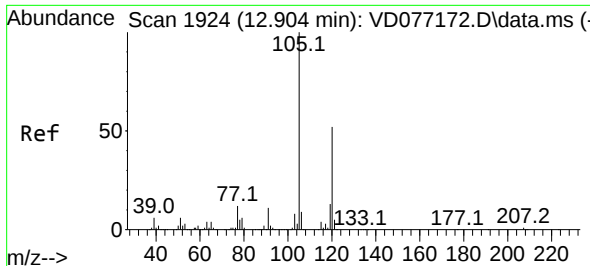
Supervised By :Mahesh
Dadoda
09/22/2023



#60
Isopropylbenzene
Concen: 0.288 ug/L
RT: 12.416 min Scan# 1841
Delta R.T. -0.006 min
Lab File: VD077175.D
Acq: 21 Sep 2023 12:43

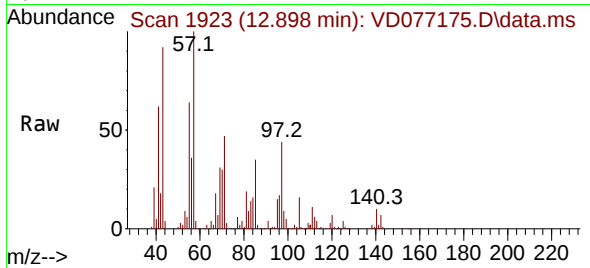
Tgt Ion:105 Resp: 4670
Ion Ratio Lower Upper
105 100
120 14.6 21.8 32.6#
77 18.4 11.9 17.9#





#62
1,3,5-Trimethylbenzene
Concen: 1.697 ug/L
RT: 12.898 min Scan# 1924
Delta R.T. -0.006 min
Lab File: VD077175.D
Acq: 21 Sep 2023 12:43

Instrument :
MSVOA_D
ClientSampleId :
EZYG9

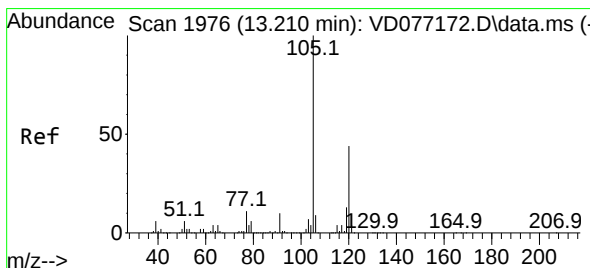
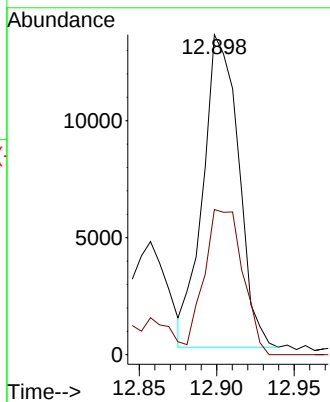
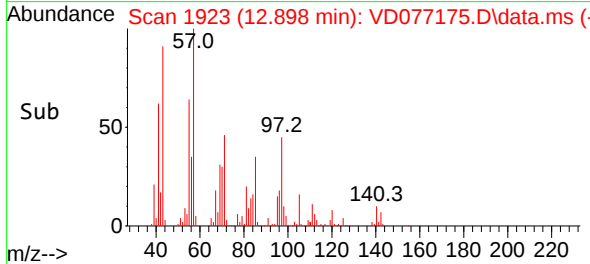


Tgt Ion:105 Resp: 2131
Ion Ratio Lower Upper
105 100
120 50.2 40.2 60.2

Manual Integrations
APPROVED

Reviewed By :John
Carlone
09/22/2023

Supervised By :Mahesh
Dadoda
09/22/2023



#63
1,2,4-Trimethylbenzene
Concen: 3.633 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD077175.D
Acq: 21 Sep 2023 12:43

Tgt Ion:105 Resp: 44715
Ion Ratio Lower Upper
105 100
120 44.6 37.8 56.8

