

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121423\
 Data File : VD077875.D
 Acq On : 14 Dec 2023 11:37
 Operator : RP/MD
 Sample : 05788-06
 Misc : 2.62G/10ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DCLS0

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/15/2023
 Supervised By : Mahesh Dadoda 12/18/2023

Quant Time: Dec 15 07:12:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 06 00:24:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	414513	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	365548	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	150441	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.287	65	148264	13.116	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	52.480%		
7) Chloroethane-d5	2.811	69	134474	14.925	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	59.680%		
11) 1,1-Dichloroethene-d2	3.934	65	38278	13.060	ug/L	0.01
Spiked Amount 25.000	Range 45 - 110		Recovery =	52.240%		
21) 2-Butanone-d5	6.993	46	30009	21.005	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	42.020%		
24) Chloroform-d	7.575	84	170154	15.231	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	60.920%		
26) 1,2-Dichloroethane-d4	8.234	65	75096	13.267	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	53.080%#		
32) Benzene-d6	8.204	84	351680	15.974	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	63.880%		
36) 1,2-Dichloropropane-d6	9.210	67	103378	15.390	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	61.560%#		
41) Toluene-d8	10.269	98	318654	15.725	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	62.880%		
43) trans-1,3-Dichloroprop...	10.528	79	39001	13.130	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	52.520%		
47) 2-Hexanone-d5	10.881	63	26007	22.468	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	44.940%		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	58691	12.091	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	48.360%		
66) 1,2-Dichlorobenzene-d4	13.816	152	80238	14.909	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	59.640%#		
Target Compounds					Qvalue	
13) Acetone	4.022	43	109967	60.076	ug/L	98
16) Methylene chloride	4.805	84	9077	1.233	ug/L	93
22) 2-Butanone	7.087	43	13979	6.785	ug/L #	76
42) Toluene	10.334	91	32209	1.275	ug/L	85
53) m,p-Xylene	11.787	106	8791m	0.830	ug/L	
54) o-Xylene	12.122	106	3617	0.357	ug/L	60
65) 1,4-Dichlorobenzene	13.539	146	4932	0.489	ug/L	96

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

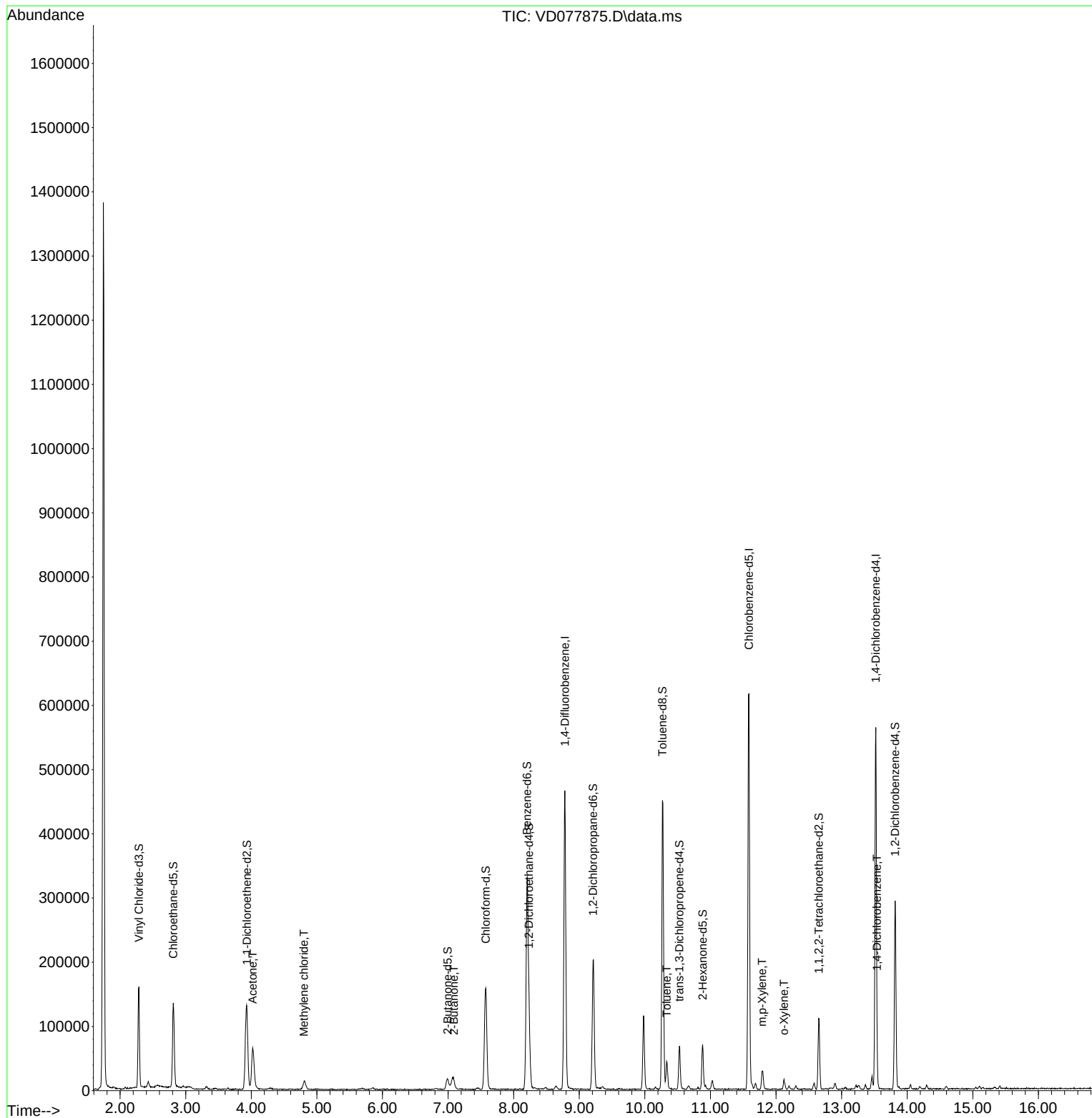
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121423\
Data File : VD077875.D
Acq On : 14 Dec 2023 11:37
Operator : RP/MD
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ALS Vial : 5 Sample Multiplier: 1

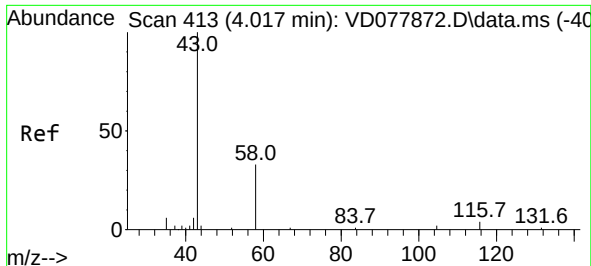
Instrument :
MSVOA_D
ClientSampleId :
DCLS0

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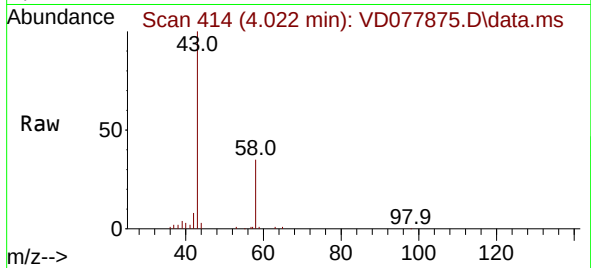
Quant Time: Dec 15 07:12:31 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Dec 06 00:24:24 2023
Response via : Initial Calibration





#13
Acetone
Concen: 60.076 ug/L
RT: 4.022 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD077875.D
Acq: 14 Dec 2023 11:37

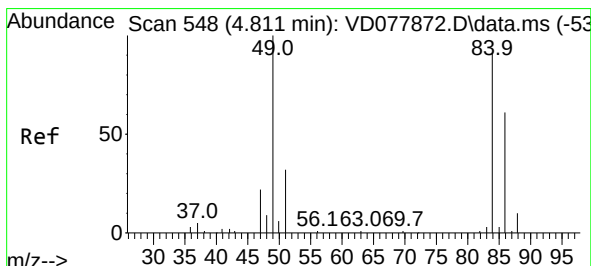
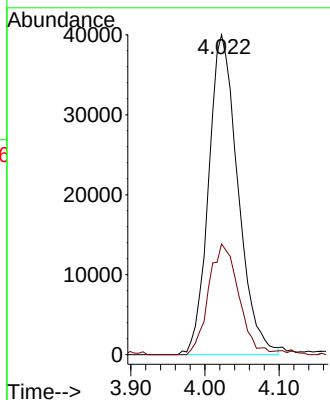
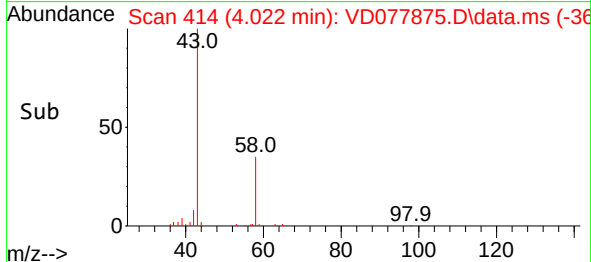
Instrument :
MSVOA_D
ClientSampleId :
DCLS0



Tgt Ion: 43 Resp: 10996
Ion Ratio Lower Upper
43 100
58 34.7 0.0 67.2

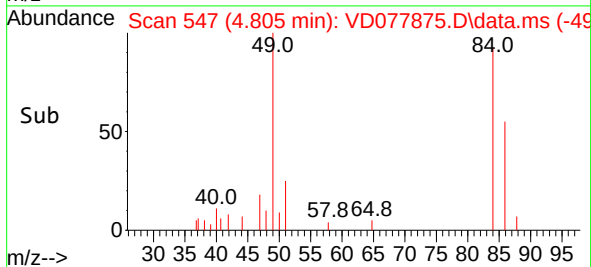
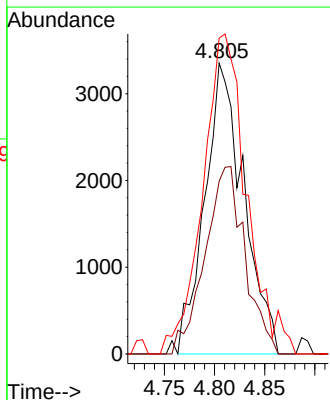
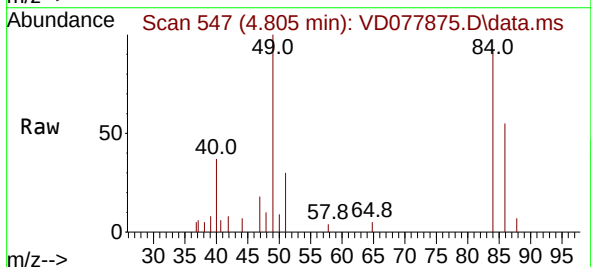
Manual Integrations
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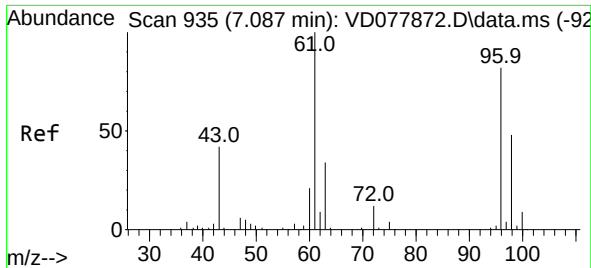
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/18/2023



#16
Methylene chloride
Concen: 1.233 ug/L
RT: 4.805 min Scan# 547
Delta R.T. -0.006 min
Lab File: VD077875.D
Acq: 14 Dec 2023 11:37

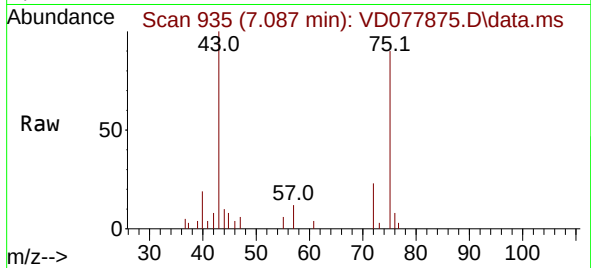
Tgt Ion: 84 Resp: 9077
Ion Ratio Lower Upper
84 100
86 59.4 40.1 74.5
49 108.6 83.2 154.6





#22
2-Butanone
Concen: 6.785 ug/L
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD077875.D
Acq: 14 Dec 2023 11:37

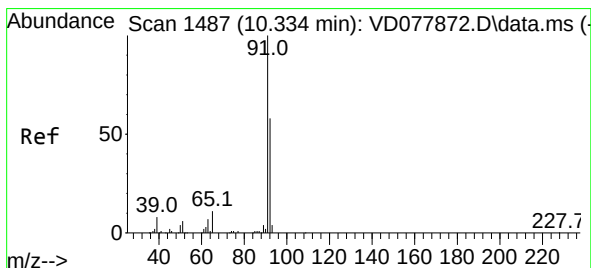
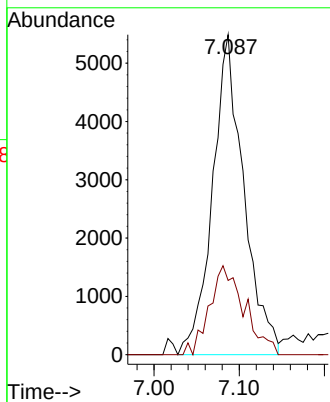
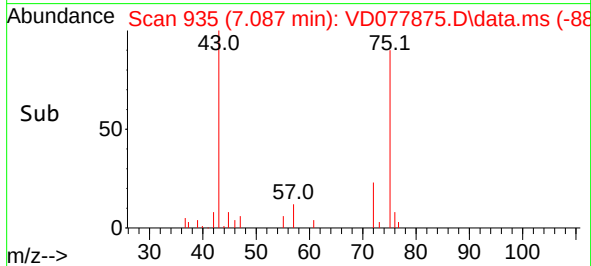
Instrument :
MSVOA_D
ClientSampleId :
DCLS0



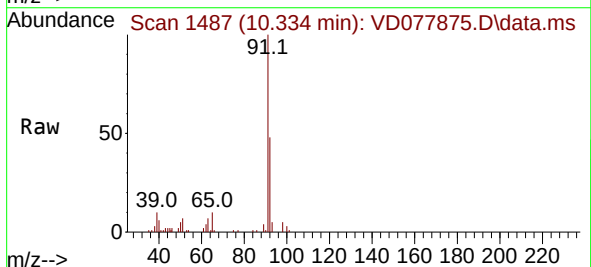
Tgt Ion: 43 Resp: 13979
Ion Ratio Lower Upper
43 100
72 24.4 7.2 21.6

Manual Integrations
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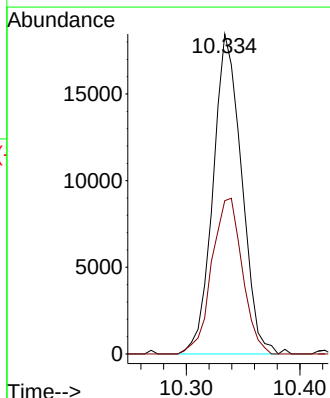
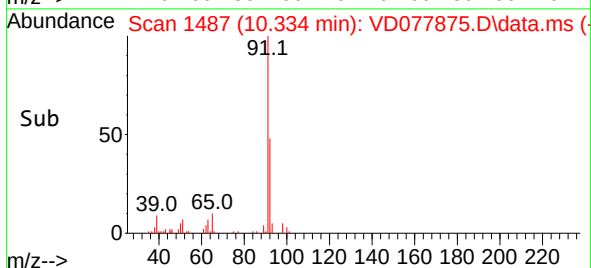
Reviewed By :John Carlone 12/15/2023
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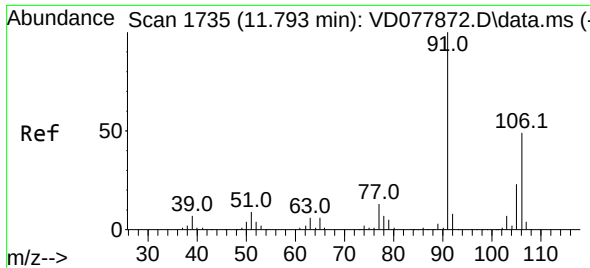


#42
Toluene
Concen: 1.275 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077875.D
Acq: 14 Dec 2023 11:37



Tgt Ion: 91 Resp: 32209
Ion Ratio Lower Upper
91 100
92 47.9 41.6 77.3





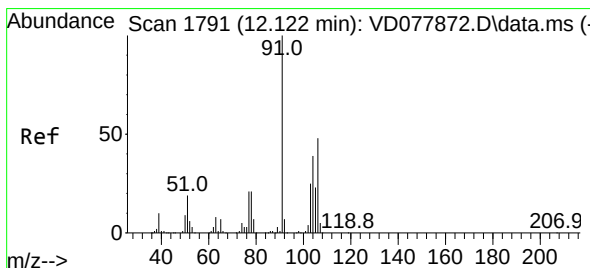
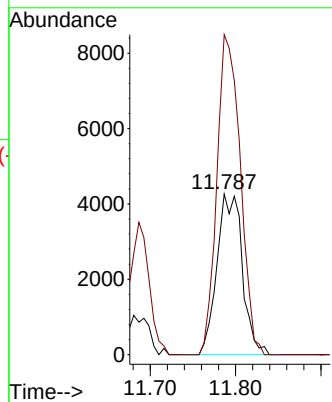
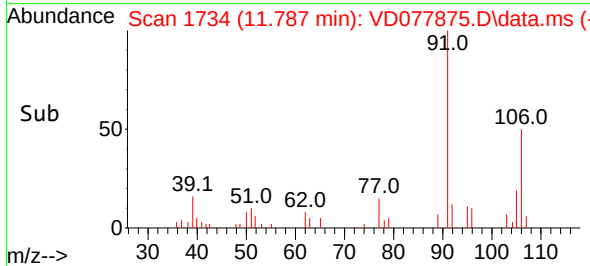
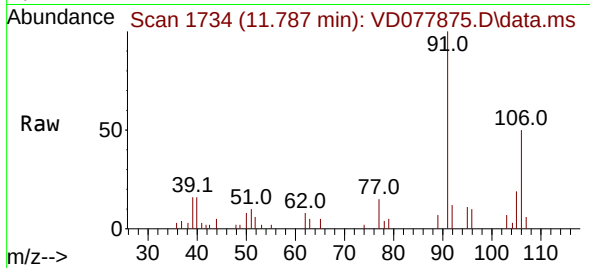
#53
m,p-Xylene
Concen: 0.830 ug/L m
RT: 11.787 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VD077875.D
Acq: 14 Dec 2023 11:37

Instrument :
MSVOA_D
ClientSampleId :
DCLS0

Tgt Ion:106 Resp: 879
Ion Ratio Lower Upper
106 100
91 199.3 140.8 261.6

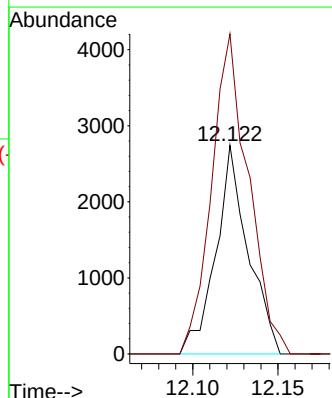
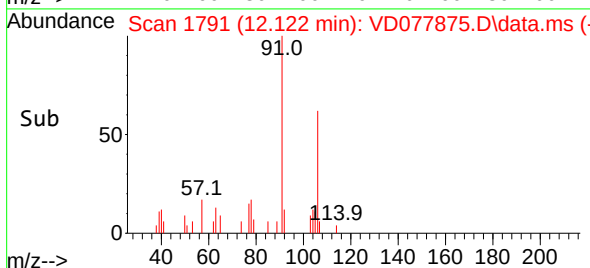
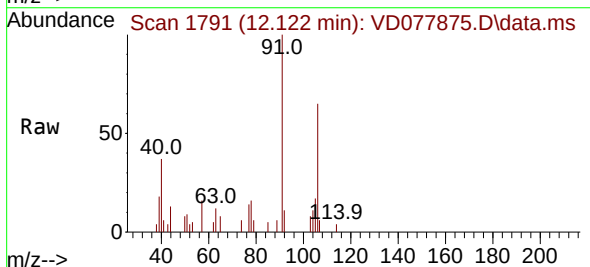
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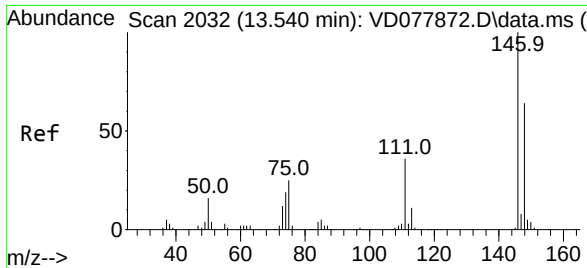
Reviewed By :John Carlone 12/15/2023
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#54
o-Xylene
Concen: 0.357 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077875.D
Acq: 14 Dec 2023 11:37

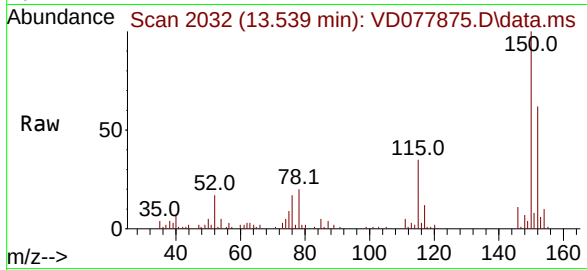
Tgt Ion:106 Resp: 3617
Ion Ratio Lower Upper
106 100
91 153.4 152.2 282.7





#65
 1,4-Dichlorobenzene
 Concen: 0.489 ug/L
 RT: 13.539 min Scan# 2032
 Delta R.T. -0.000 min
 Lab File: VD077875.D
 Acq: 14 Dec 2023 11:37

Instrument :
 MSVOA_D
 ClientSampleId :
 DCLS0



Tgt Ion:146 Resp: 4932
 Ion Ratio Lower Upper
 146 100
 111 42.1 26.4 49.0
 148 64.7 44.0 81.8

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