

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102723\
 Data File : VU055921.D
 Acq On : 27 Oct 2023 13:23
 Operator : MD/SY
 Sample : 05009-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A4931

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/30/2023
 Supervised By : Mahesh Dadoda 10/31/2023

Quant Time: Oct 27 23:55:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 25 05:19:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	385959	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	370357	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	178737	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	105074	3.441	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	68.800%		
7) Chloroethane-d5	1.914	69	91962	3.864	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	77.200%		
11) 1,1-Dichloroethene-d2	2.566	65	47302	3.649	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	73.000%		
20) 2-Butanone-d5	4.624	46	224214	41.165	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	82.320%		
24) Chloroform-d	5.058	84	229026	4.048	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	81.000%		
26) 1,2-Dichloroethane-d4	5.698	65	111623	4.050	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	81.000%		
32) Benzene-d6	5.724	84	463249	4.199	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	84.000%		
36) 1,2-Dichloropropane-d6	6.685	67	144707	4.425	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	88.400%		
41) Toluene-d8	7.894	98	402593	4.023	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	80.400%		
43) trans-1,3-Dichloroprop...	8.177	79	43282	3.384	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	67.600%		
46) 2-Hexanone-d5	8.631	63	194168	59.800	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	119.600%		
56) 1,1,2,2-Tetrachloroeth...	10.753	84	103524	4.347	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	87.000%		
66) 1,2-Dichlorobenzene-d4	12.190	152	144010	4.318	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	86.400%		
Target Compounds						Qvalue
3) Chloromethane	1.518	50	3012	0.143	ug/L	100
22) cis-1,2-Dichloroethene	4.660	96	4273m	0.190	ug/L	
42) Toluene	7.968	91	39514	0.463	ug/L	92
53) m,p-Xylene	9.695	106	13337	0.369	ug/L	90
54) o-Xylene	10.100	106	5840	0.165	ug/L	89
63) 1,2,4-Trimethylbenzene	11.466	105	13695	0.203	ug/L	96
70) 1,2,4-trichlorobenzene	13.843	180	10519	0.493	ug/L	98

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

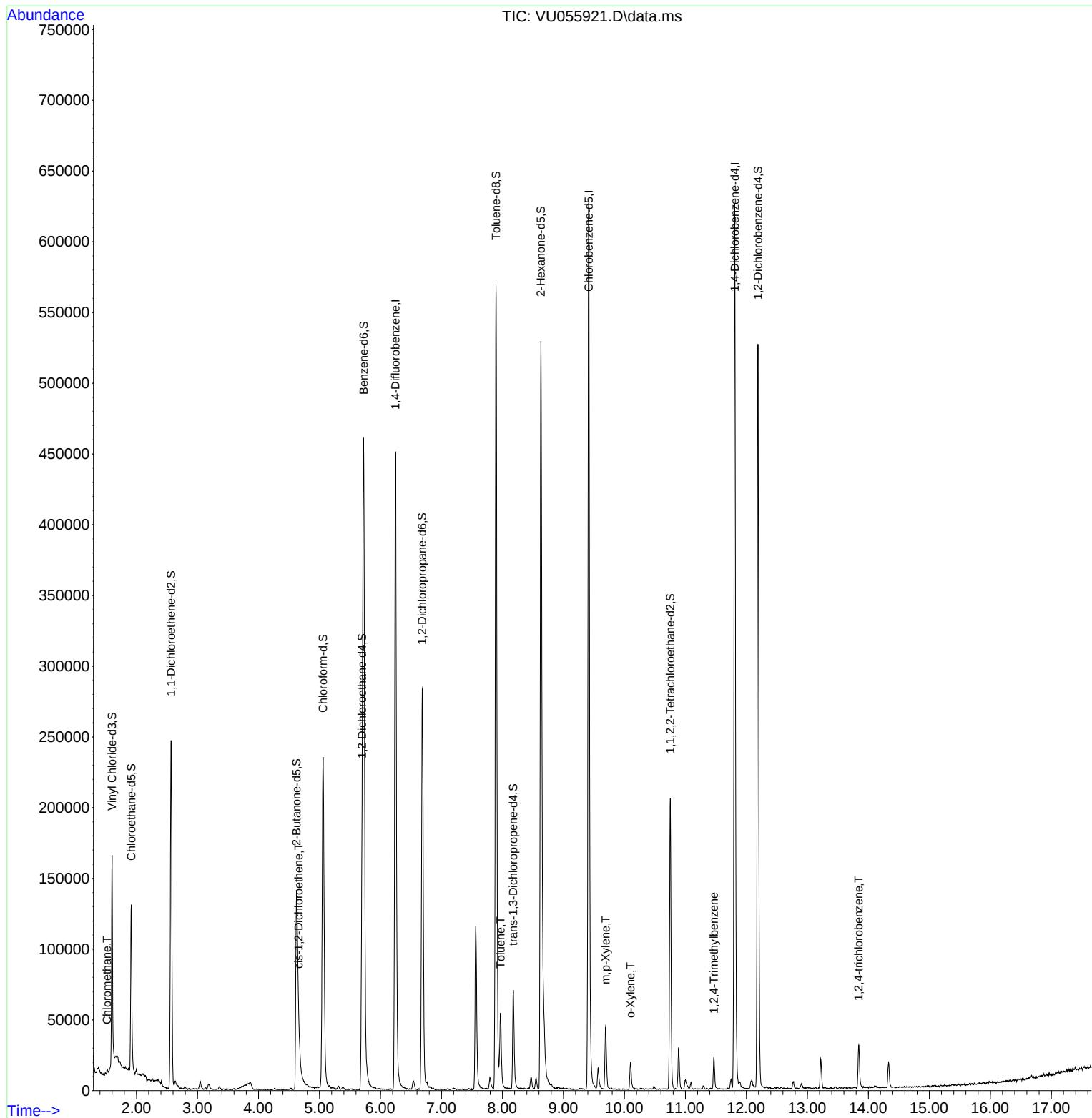
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102723\
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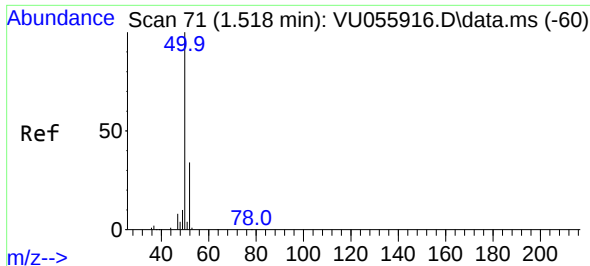
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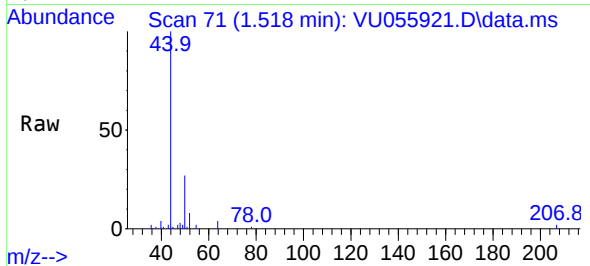
Quant Time: Oct 27 23:55:08 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Oct 25 05:19:13 2023
Response via : Initial Calibration





#3
Chloromethane
Concen: 0.143 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU055921.D
Acq: 27 Oct 2023 13:23

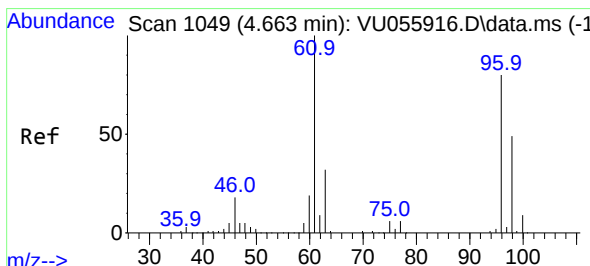
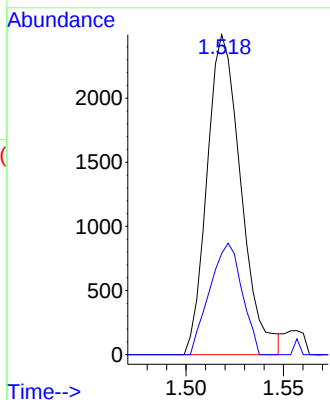
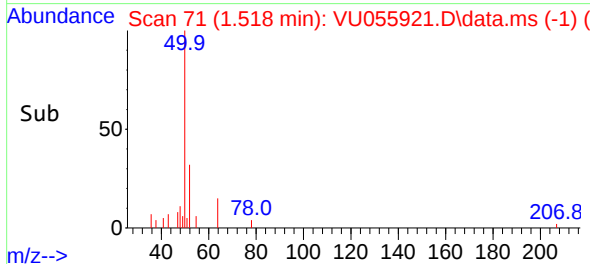
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Tgt Ion: 50 Resp: 3012
Ion Ratio Lower Upper
50 100
52 31.6 22.0 40.8

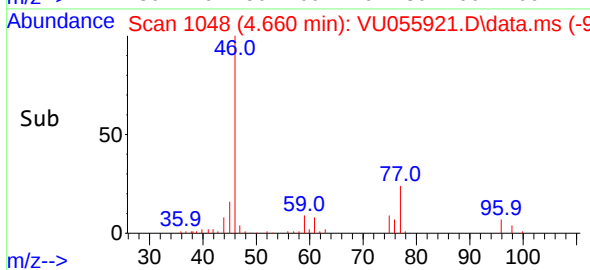
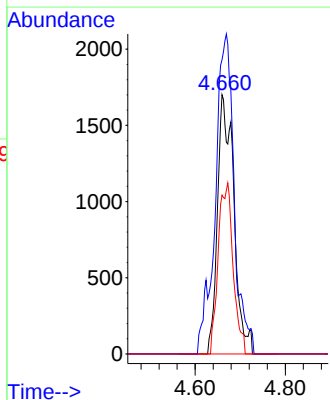
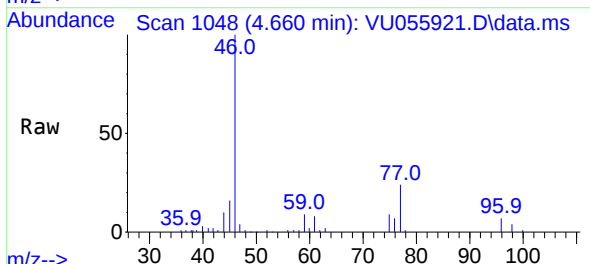
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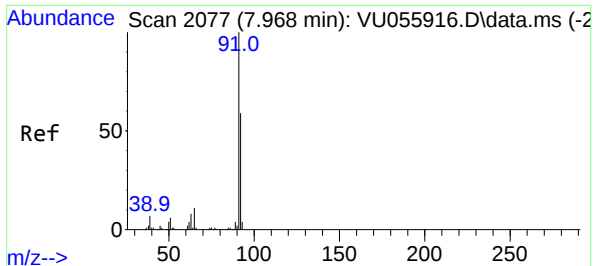
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#22
cis-1,2-Dichloroethene
Concen: 0.190 ug/L m
RT: 4.660 min Scan# 1048
Delta R.T. -0.003 min
Lab File: VU055921.D
Acq: 27 Oct 2023 13:23

Tgt Ion: 96 Resp: 4273
Ion Ratio Lower Upper
96 100
61 113.5 93.8 174.2
98 61.3 45.6 84.8





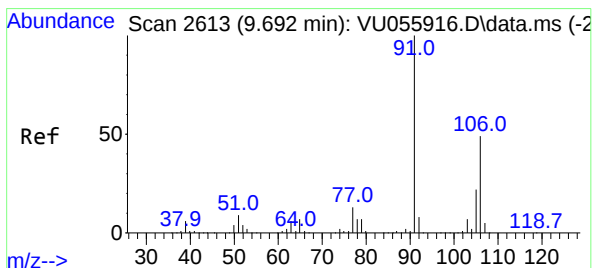
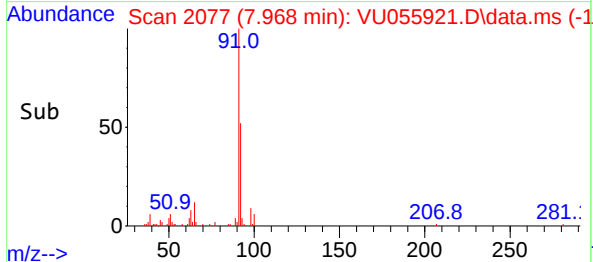
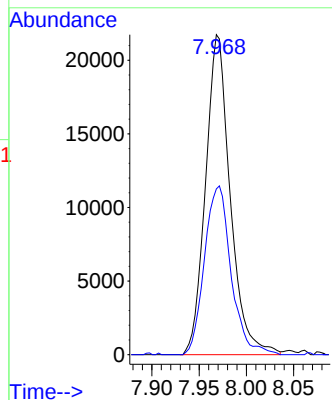
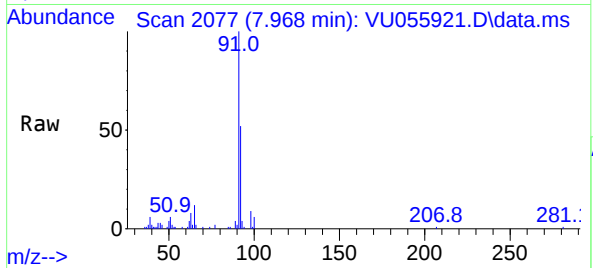
#42
Toluene
Concen: 0.463 ug/L
RT: 7.968 min Scan# 2077
Delta R.T. 0.003 min
Lab File: VU055921.D
Acq: 27 Oct 2023 13:23

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion: 91 Resp: 39514
Ion Ratio Lower Upper
91 100
92 51.8 40.6 75.4

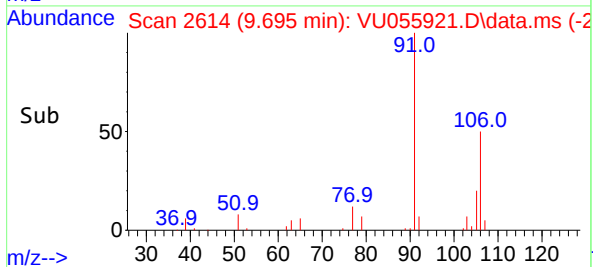
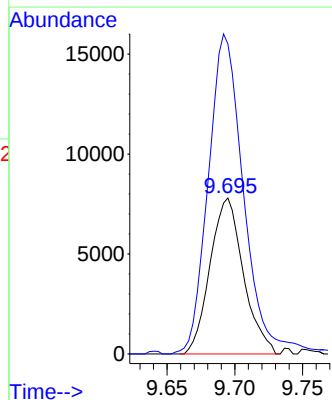
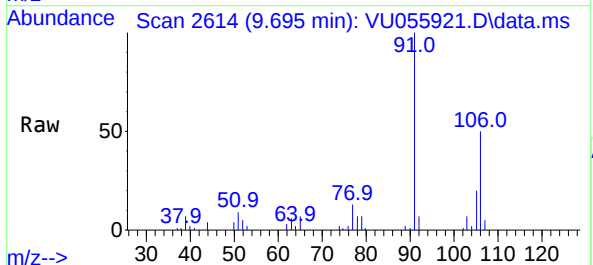
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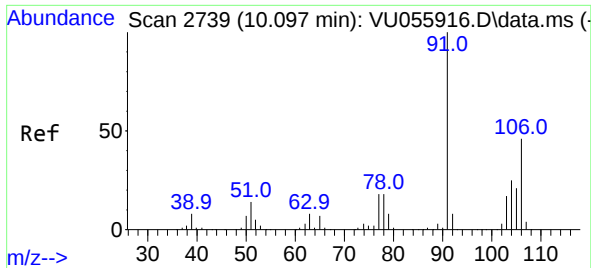
Reviewed By :John Carlone 10/30/2023
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#53
m,p-Xylene
Concen: 0.369 ug/L
RT: 9.695 min Scan# 2614
Delta R.T. 0.003 min
Lab File: VU055921.D
Acq: 27 Oct 2023 13:23

Tgt Ion:106 Resp: 13337
Ion Ratio Lower Upper
106 100
91 198.9 150.4 279.2





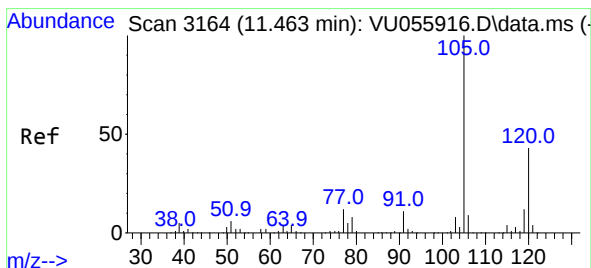
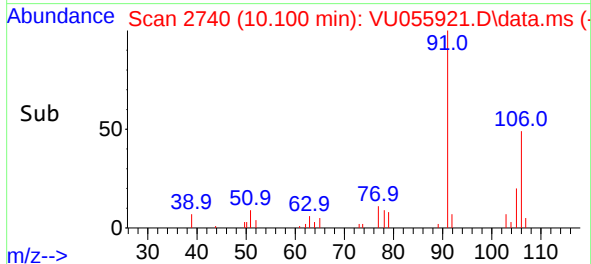
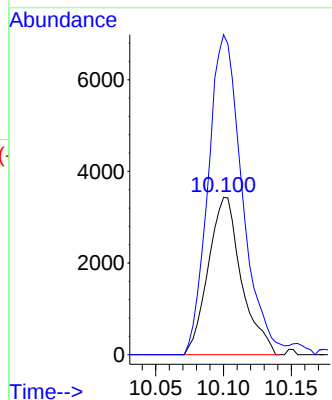
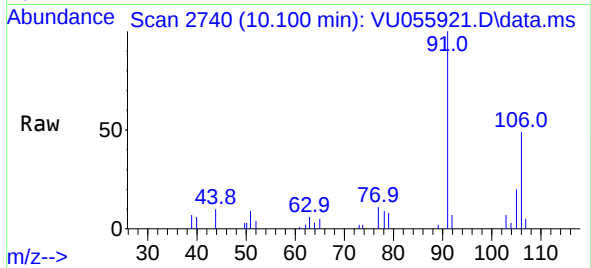
#54
o-Xylene
Concen: 0.165 ug/L
RT: 10.100 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU055921.D
Acq: 27 Oct 2023 13:23

Instrument :
MSVOA_U
ClientSampleId :
A4931

Tgt Ion:106 Resp: 5840
Ion Ratio Lower Upper
106 100
91 203.4 154.6 287.2

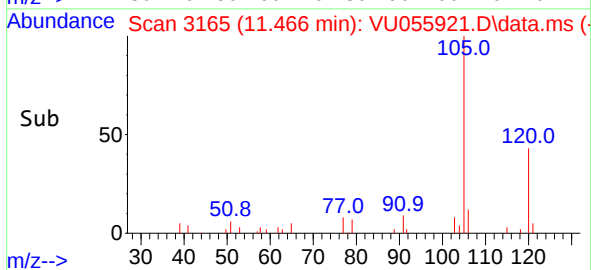
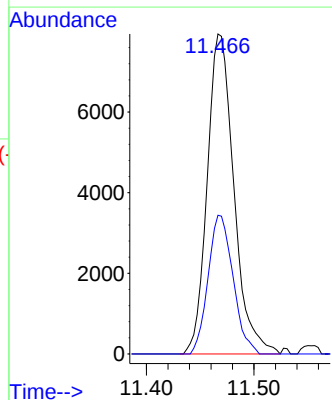
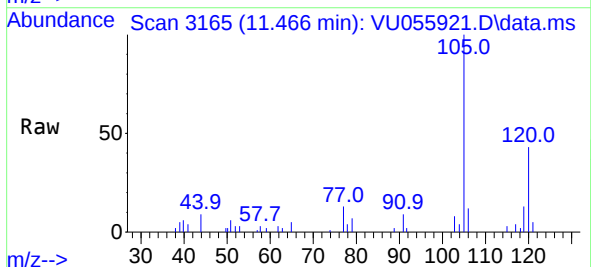
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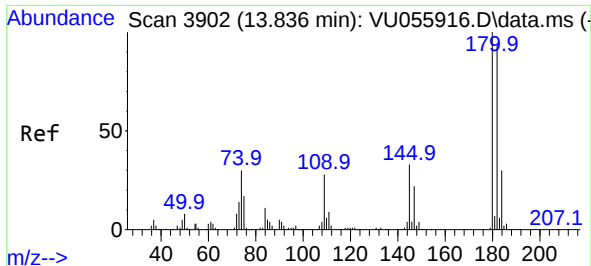
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#63
1,2,4-Trimethylbenzene
Concen: 0.203 ug/L
RT: 11.466 min Scan# 3165
Delta R.T. 0.003 min
Lab File: VU055921.D
Acq: 27 Oct 2023 13:23

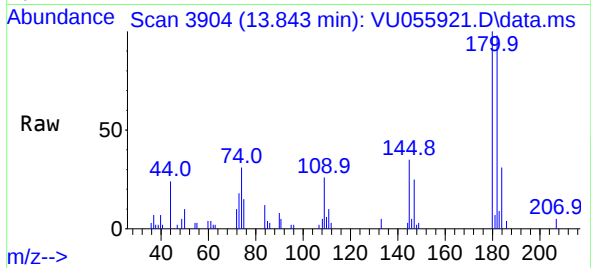
Tgt Ion:105 Resp: 13695
Ion Ratio Lower Upper
105 100
120 40.4 34.6 52.0





#70
1,2,4-trichlorobenzene
Concen: 0.493 ug/L
RT: 13.843 min Scan# 3904
Delta R.T. 0.006 min
Lab File: VU055921.D
Acq: 27 Oct 2023 13:23

Instrument :
MSVOA_U
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Tgt Ion:180 Resp: 10519
Ion Ratio Lower Upper
180 100
182 97.1 76.1 114.1
145 34.5 26.4 39.6

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