

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 :

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

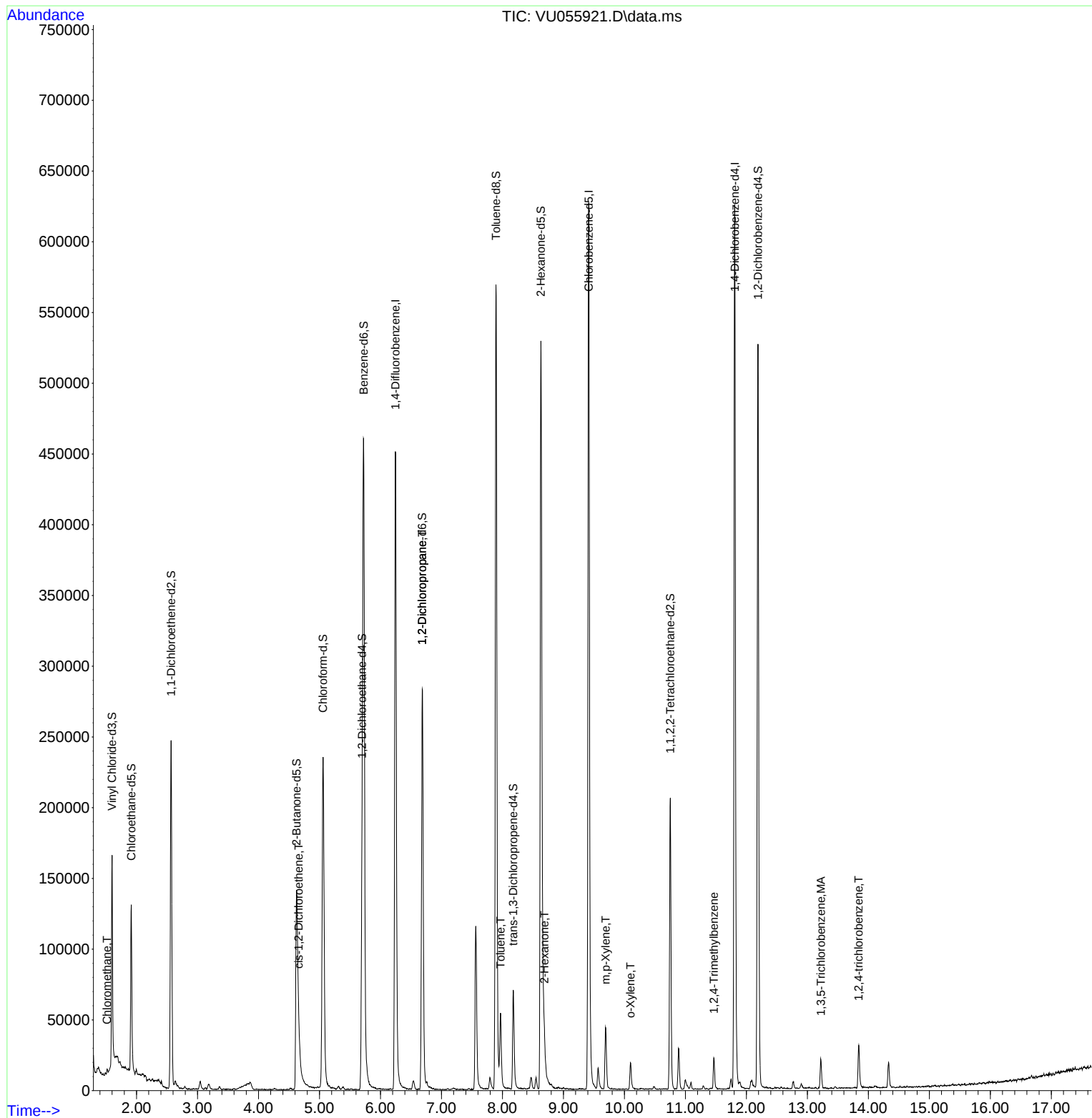
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	385959	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	370357	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	178737	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	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						
3) Chloromethane	1.518	50	3012	0.143	ug/L	100
22) cis-1,2-Dichloroethene	4.660	96	2578	0.115	ug/L	87
37) 1,2-Dichloropropane	6.685	63	14449	0.666	ug/L #	90
42) Toluene	7.968	91	39514	0.463	ug/L	92
48) 2-Hexanone	8.688	43	14244	1.732	ug/L #	63
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
69) 1,3,5-Trichlorobenzene	13.222	180	7951	0.276	ug/L	97
70) 1,2,4-trichlorobenzene	13.843	180	10519	0.493	ug/L	98

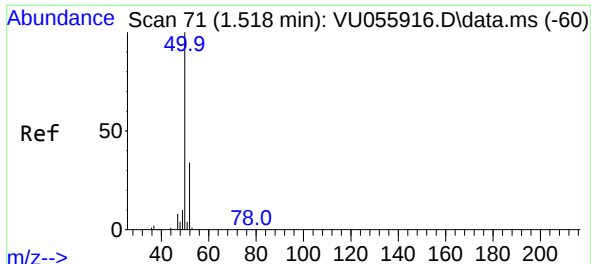
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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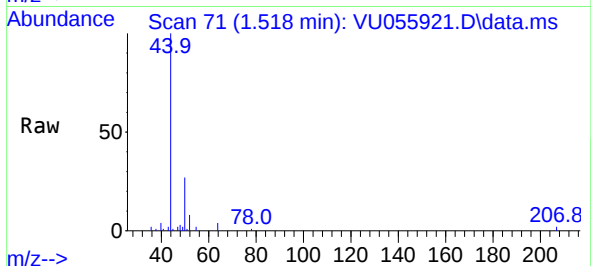
Quant Time: Oct 27 23:55:08 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
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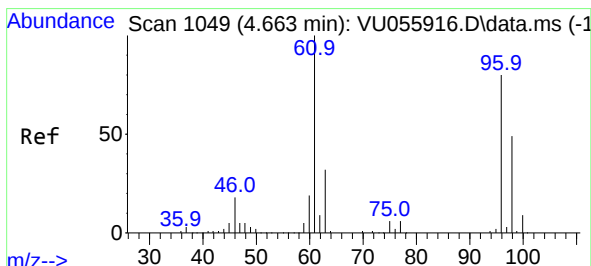
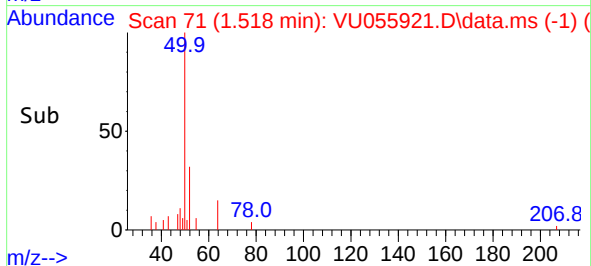
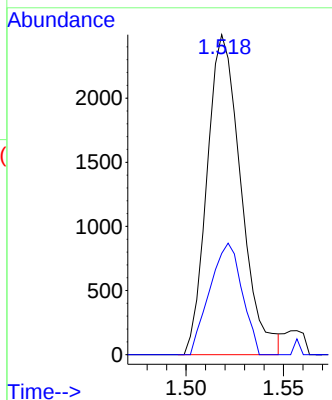


#3
Chloromethane
Concen: 0.143 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU055921.D
Acq: 27 Oct 2023 13:23

Instrument :
MSVOA_U
ClientSampleId :

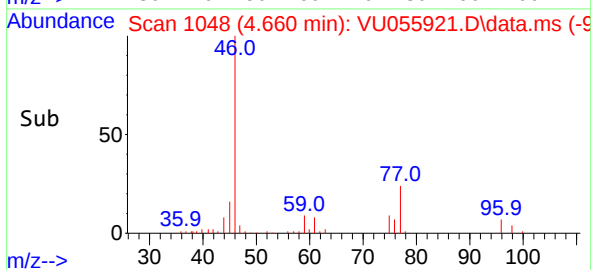
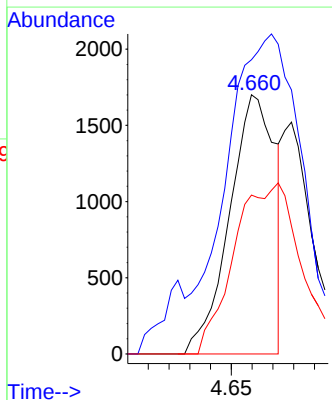
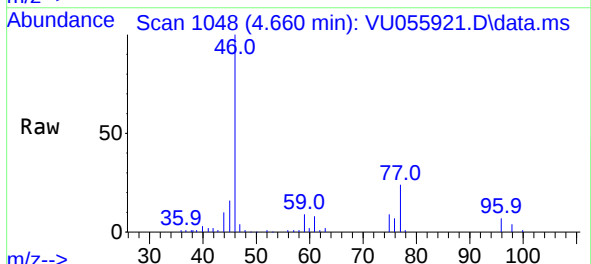


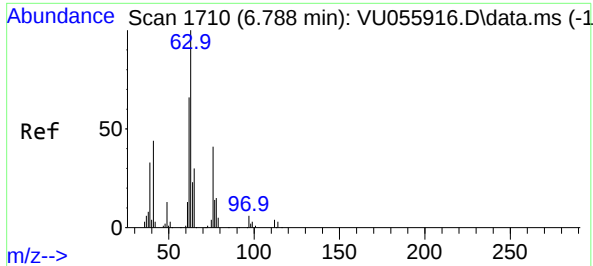
Tgt Ion: 50 Resp: 3012
Ion Ratio Lower Upper
50 100
52 31.6 22.0 40.8



#22
cis-1,2-Dichloroethene
Concen: 0.115 ug/L
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: 2578
Ion Ratio Lower Upper
96 100
61 113.5 93.8 174.2
98 61.3 45.6 84.8

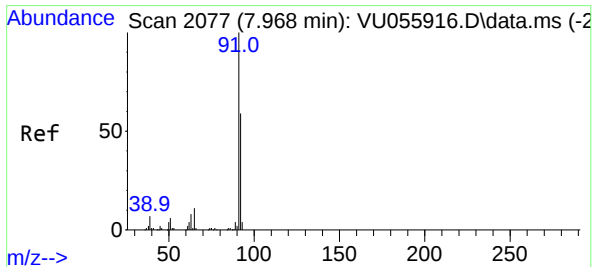
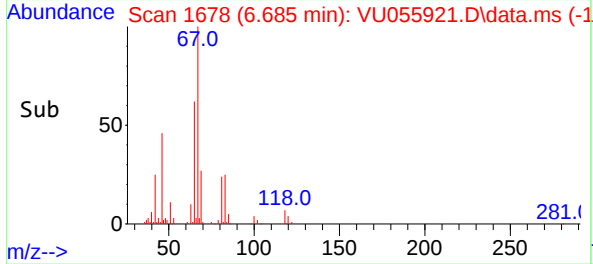
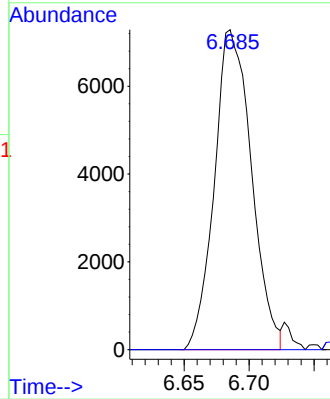
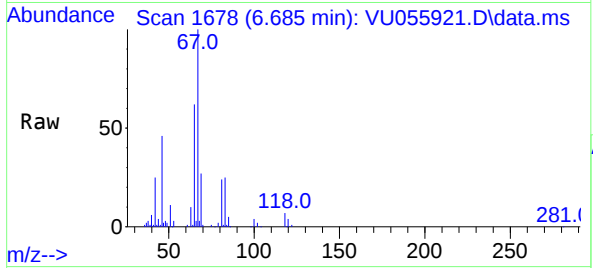




#37
1,2-Dichloropropane
Concen: 0.666 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU055921.D
Acq: 27 Oct 2023 13:23

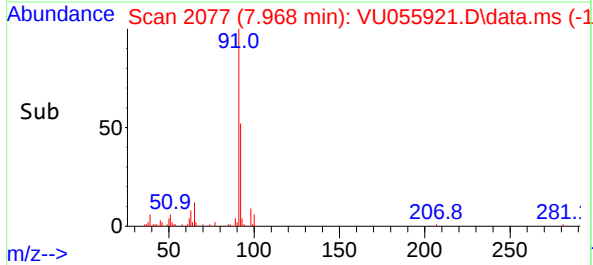
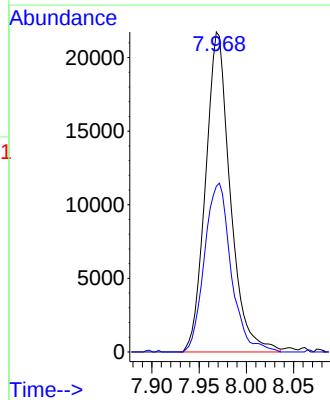
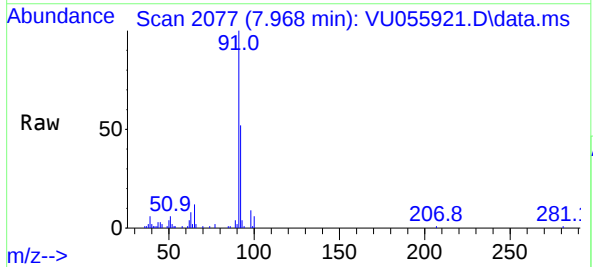
Instrument :
MSVOA_U
ClientSampleId :

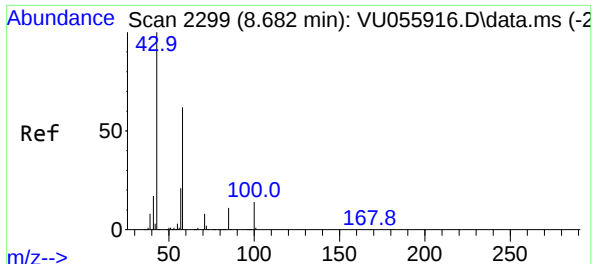
Tgt Ion: 63 Resp: 14449
Ion Ratio Lower Upper
63 100
112 0.4 3.1 4.7#



#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

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



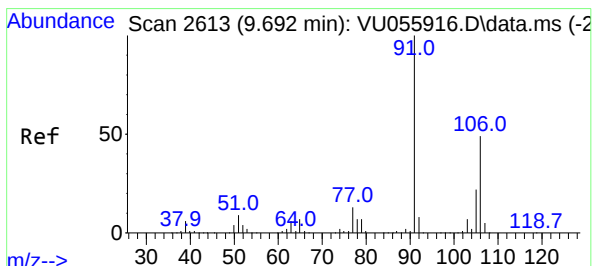
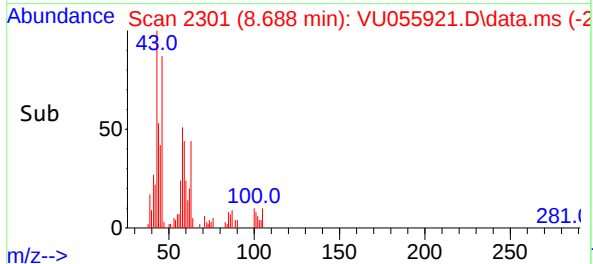
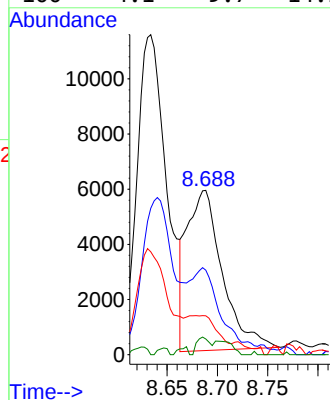
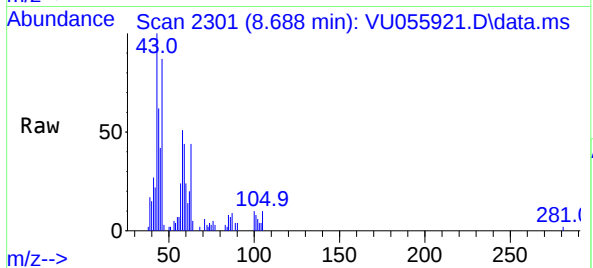


#48
2-Hexanone
Concen: 1.732 ug/L
RT: 8.688 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU055921.D
Acq: 27 Oct 2023 13:23

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 14244

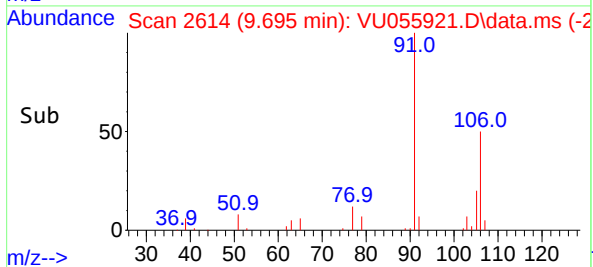
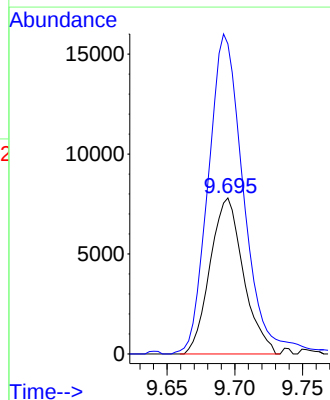
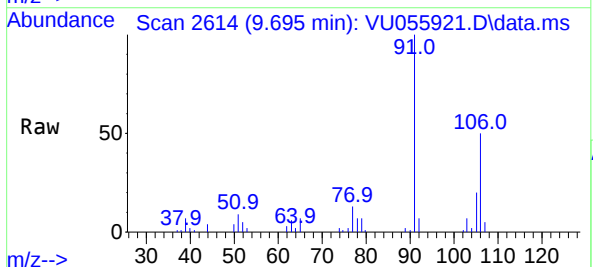
Ion	Ratio	Lower	Upper
43	100		
58	33.2	49.5	74.3#
57	0.0	16.9	25.3#
100	4.1	9.7	14.5#

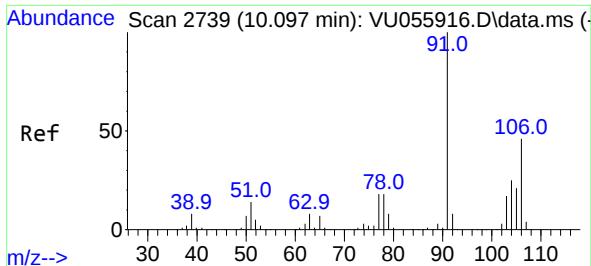


#53
m,p-Xylene
Concen: 0.369 ug/L
RT: 9.695 min Scan# 2614
Delta R.T. 0.003 min
Lab File: VU055921.D
Acq: 27 Oct 2023 13:23

Tgt Ion: 106 Resp: 13337

Ion	Ratio	Lower	Upper
106	100		
91	198.9	150.4	279.2

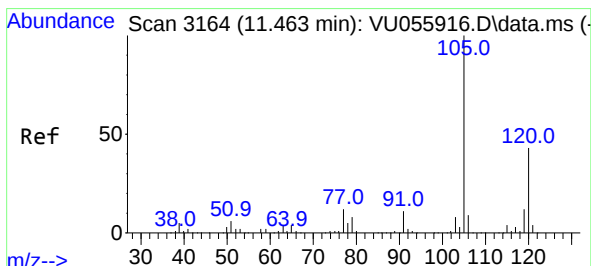
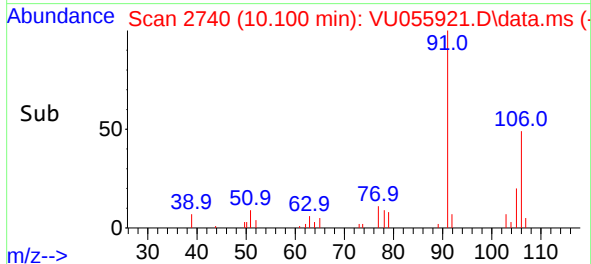
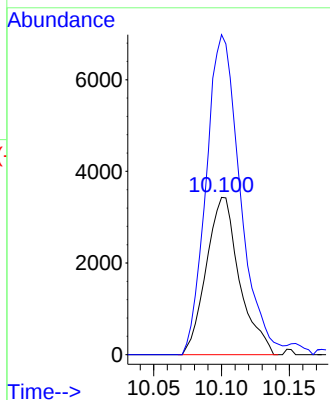
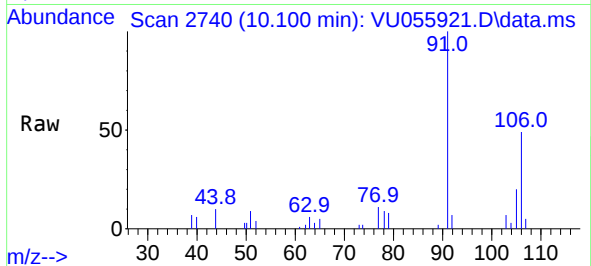




#54
o-Xylene
Concen: 0.165 ug/L
RT: 10.100 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU055921.D
Acq: 27 Oct 2023 13:23

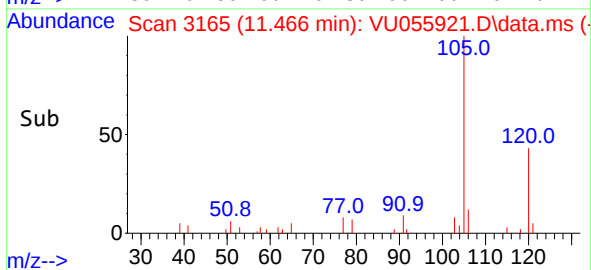
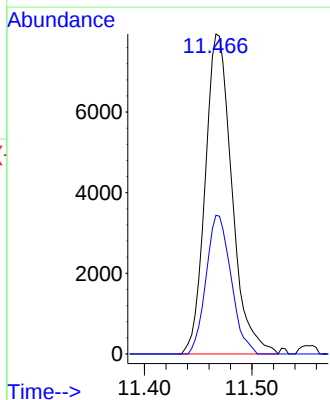
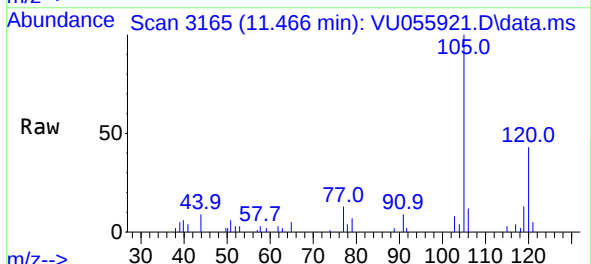
Instrument :
MSVOA_U
ClientSampleId :

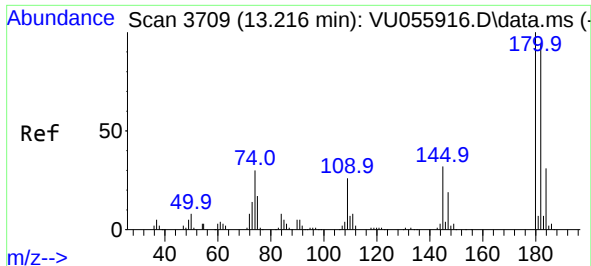
Tgt Ion:106 Resp: 5840
Ion Ratio Lower Upper
106 100
91 203.4 154.6 287.2



#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





#69

1,3,5-Trichlorobenzene

Concen: 0.276 ug/L

RT: 13.222 min Scan# 3711

Delta R.T. 0.006 min

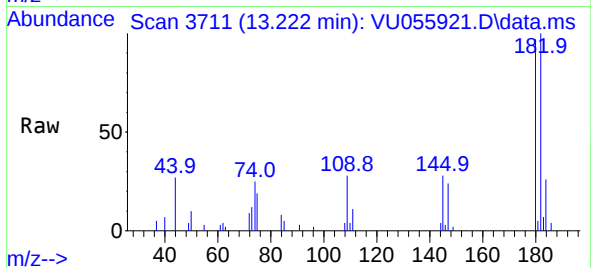
Lab File: VU055921.D

Acq: 27 Oct 2023 13:23

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 7951

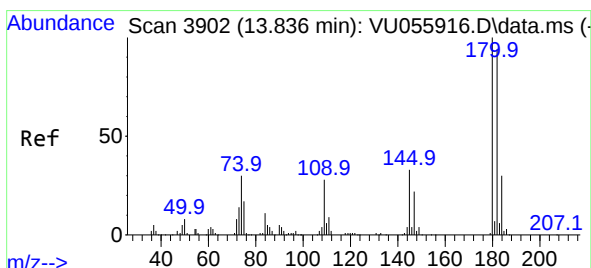
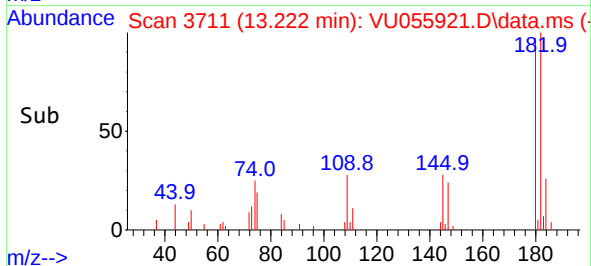
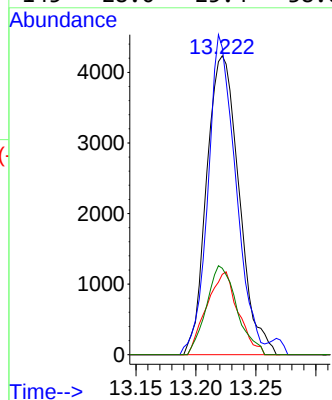
Ion Ratio Lower Upper

180 100

182 91.9 74.7 112.1

184 26.9 23.8 35.8

145 28.0 25.4 38.0



#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

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

