

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102823\
 Data File : VU055971.D
 Acq On : 28 Oct 2023 14:03
 Operator : MD/SY
 Sample : 05009-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A49K1

Quant Time: Oct 30 04:53:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Oct 30 04:51:15 2023
 Response via : Initial Calibration

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

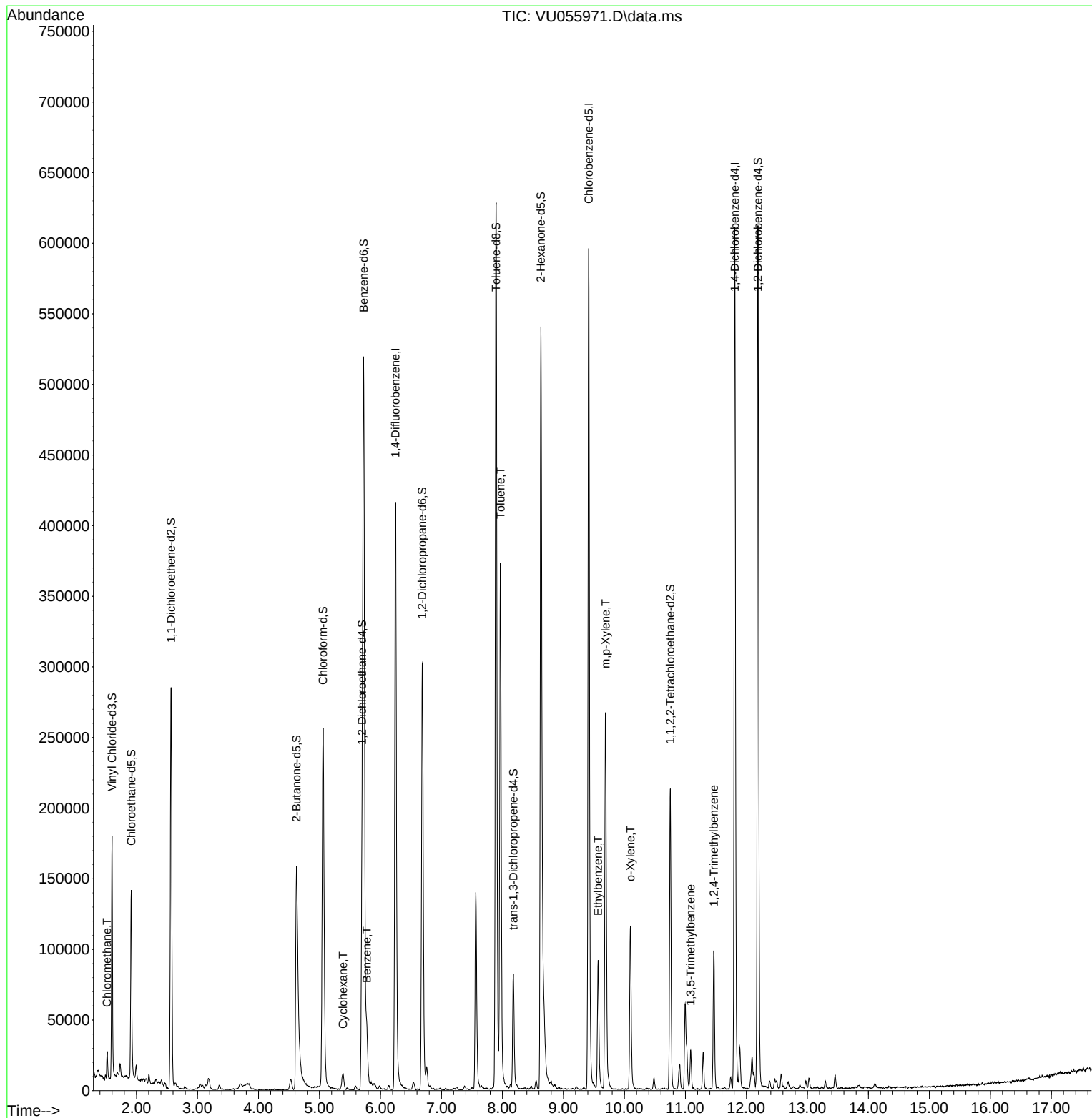
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	357332	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	354919	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	172588	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	118586	4.195	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	84.000%	
7) Chloroethane-d5	1.914	69	101740	4.618	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	92.400%	
11) 1,1-Dichloroethene-d2	2.566	65	54268	4.522	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	90.400%	
20) 2-Butanone-d5	4.624	46	237763	47.150	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	94.300%	
24) Chloroform-d	5.058	84	250684	4.786	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.800%	
26) 1,2-Dichloroethane-d4	5.698	65	117523	4.605	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.200%	
32) Benzene-d6	5.724	84	516866	4.889	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.800%	
36) 1,2-Dichloropropane-d6	6.685	67	153152	4.887	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	97.800%	
41) Toluene-d8	7.897	98	450052	4.693	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.800%	
43) trans-1,3-Dichloroprop...	8.180	79	53281	4.347	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	87.000%	
46) 2-Hexanone-d5	8.631	63	198446	63.776	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	127.560%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	108678	4.762	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	95.200%	
66) 1,2-Dichlorobenzene-d4	12.190	152	164783	5.117	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	102.400%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.518	50	13414	0.690	ug/L	96
30) Cyclohexane	5.386	56	5732	0.210	ug/L	# 93
33) Benzene	5.779	78	38875	0.496	ug/L	100
42) Toluene	7.968	91	289403	3.536	ug/L	99
52) Ethylbenzene	9.569	91	68603	0.739	ug/L	96
53) m,p-Xylene	9.692	106	84264	2.430	ug/L	94
54) o-Xylene	10.100	106	34264	1.010	ug/L	97
62) 1,3,5-Trimethylbenzene	11.087	105	15347	0.218	ug/L	98
63) 1,2,4-Trimethylbenzene	11.466	105	57323	0.878	ug/L	99

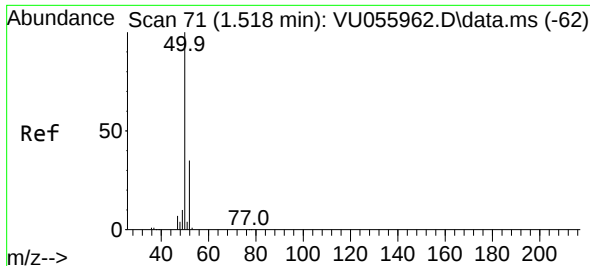
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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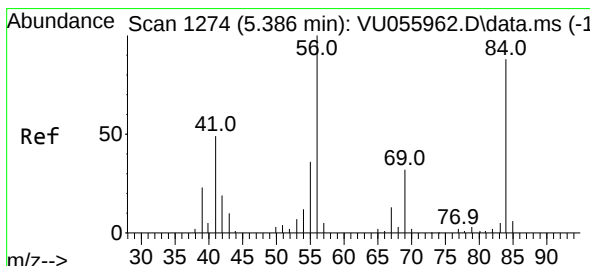
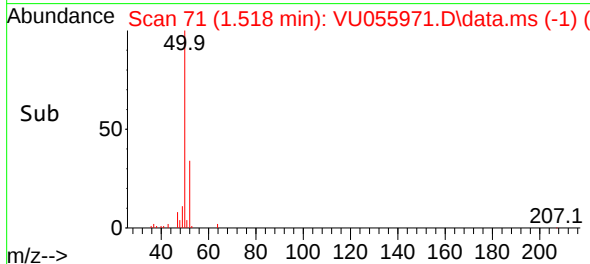
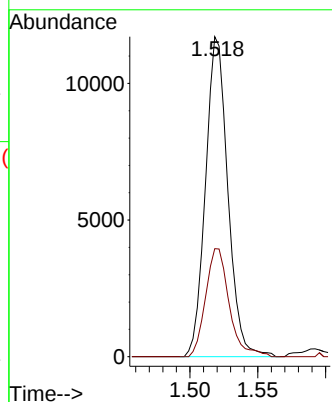
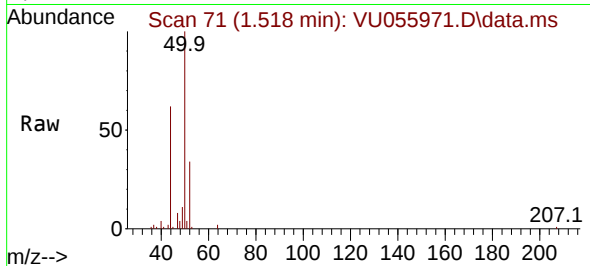




#3
Chloromethane
Concen: 0.690 ug/L
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU055971.D
Acq: 28 Oct 2023 14:03

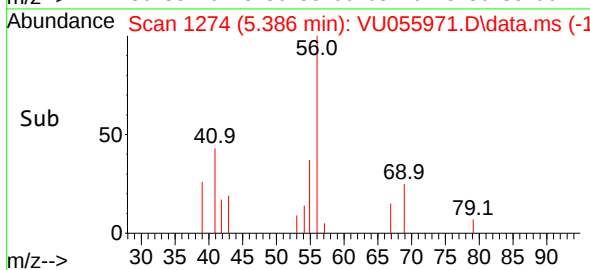
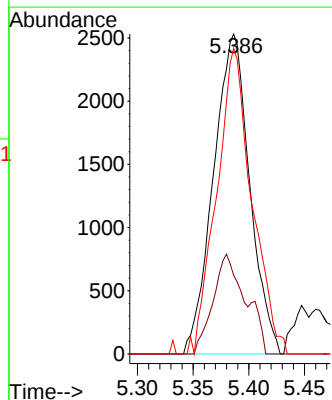
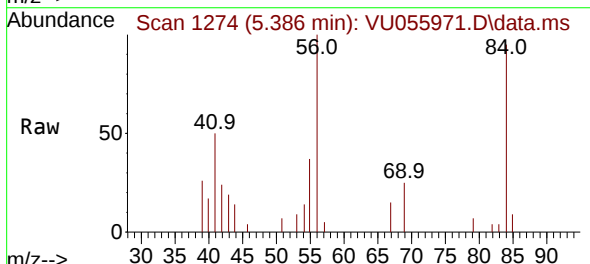
Instrument :
MSVOA_U
ClientSampleId :
A49K1

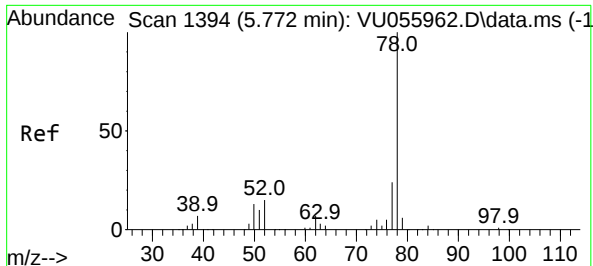
Tgt Ion: 50 Resp: 13414
Ion Ratio Lower Upper
50 100
52 33.8 22.0 40.8



#30
Cyclohexane
Concen: 0.210 ug/L
RT: 5.386 min Scan# 1274
Delta R.T. -0.000 min
Lab File: VU055971.D
Acq: 28 Oct 2023 14:03

Tgt Ion: 56 Resp: 5732
Ion Ratio Lower Upper
56 100
69 23.5 25.4 38.2#
84 92.7 71.0 106.6

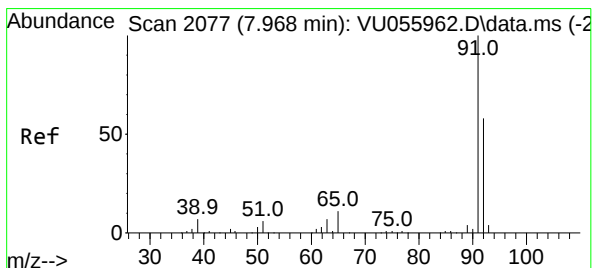
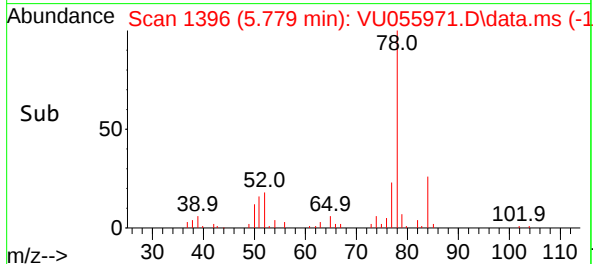
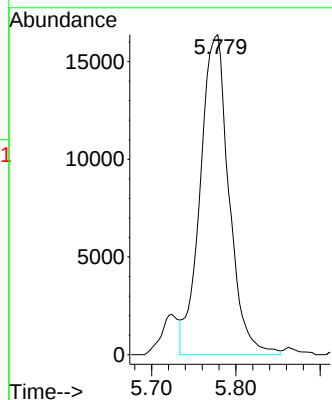
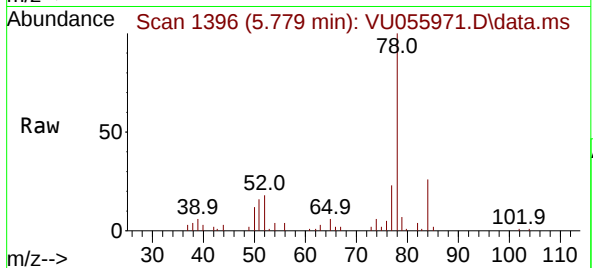




#33
Benzene
Concen: 0.496 ug/L
RT: 5.779 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU055971.D
Acq: 28 Oct 2023 14:03

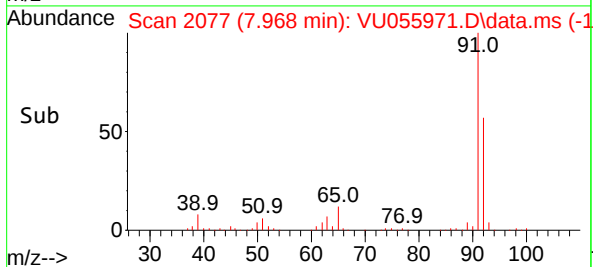
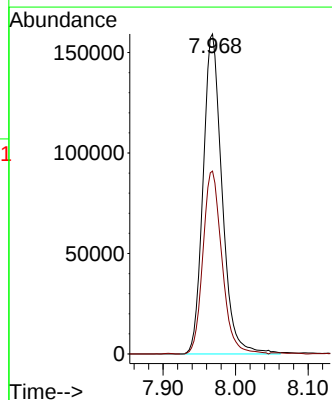
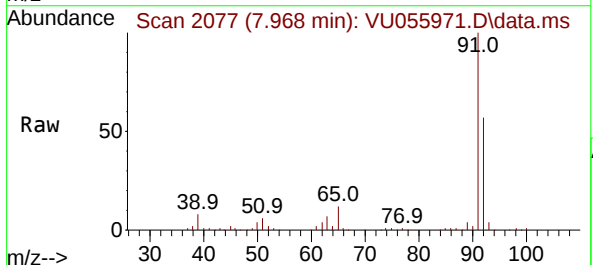
Instrument :
MSVOA_U
ClientSampleId :
A49K1

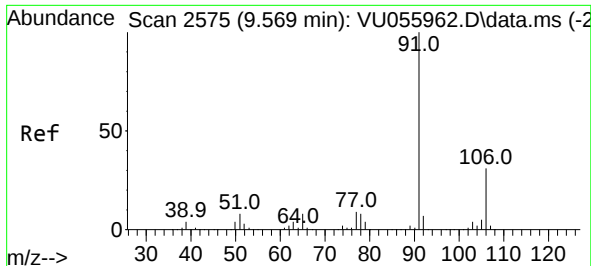
Tgt Ion: 78 Resp: 38875



#42
Toluene
Concen: 3.536 ug/L
RT: 7.968 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VU055971.D
Acq: 28 Oct 2023 14:03

Tgt Ion: 91 Resp: 289403
Ion Ratio Lower Upper
91 100
92 57.2 40.6 75.4

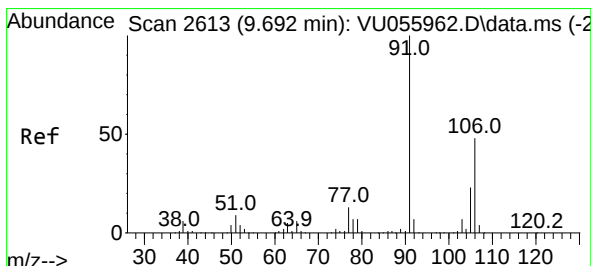
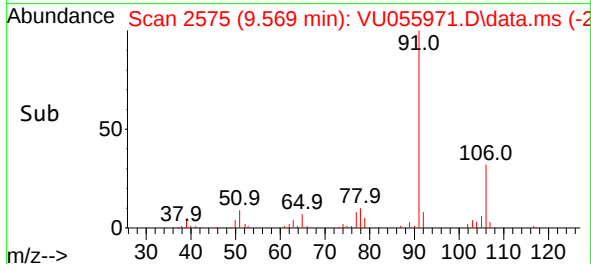
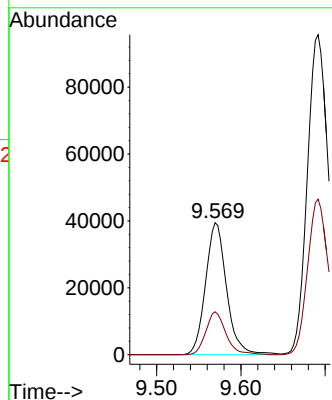
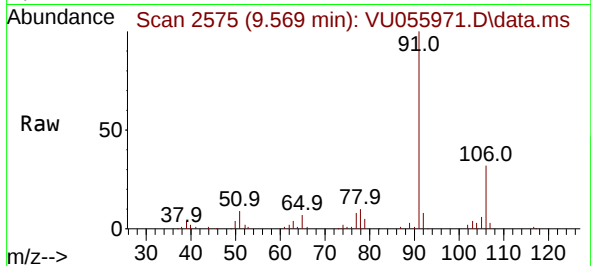




#52
Ethylbenzene
Concen: 0.739 ug/L
RT: 9.569 min Scan# 2575
Delta R.T. -0.000 min
Lab File: VU055971.D
Acq: 28 Oct 2023 14:03

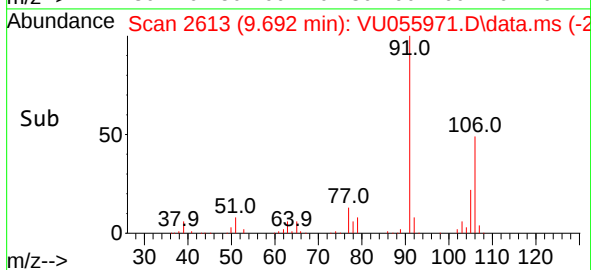
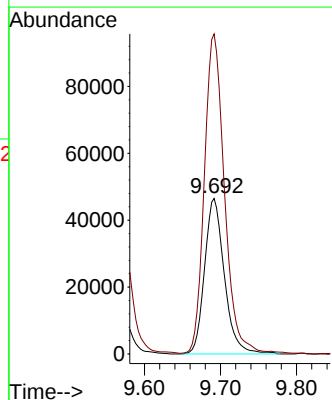
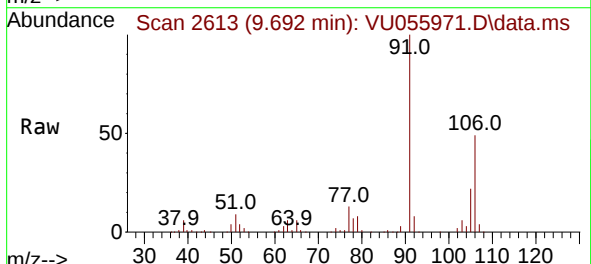
Instrument :
MSVOA_U
ClientSampleId :
A49K1

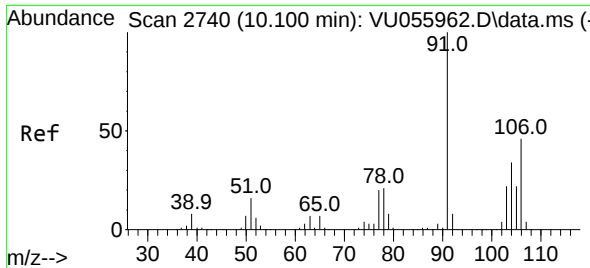
Tgt Ion: 91 Resp: 68603
Ion Ratio Lower Upper
91 100
106 32.5 21.3 39.5



#53
m,p-Xylene
Concen: 2.430 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. -0.000 min
Lab File: VU055971.D
Acq: 28 Oct 2023 14:03

Tgt Ion: 106 Resp: 84264
Ion Ratio Lower Upper
106 100
91 205.7 150.4 279.2

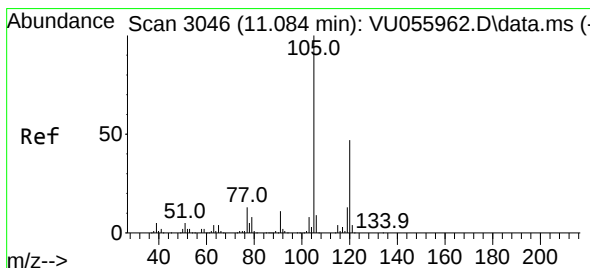
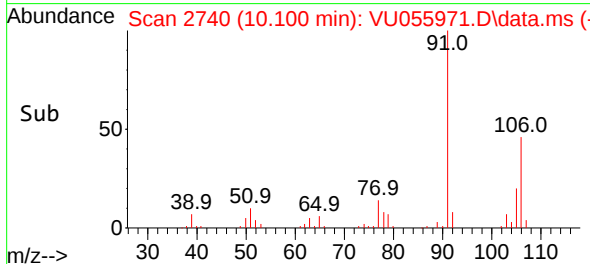
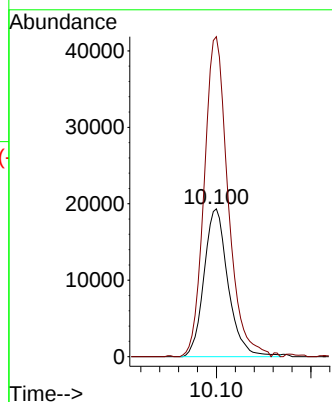
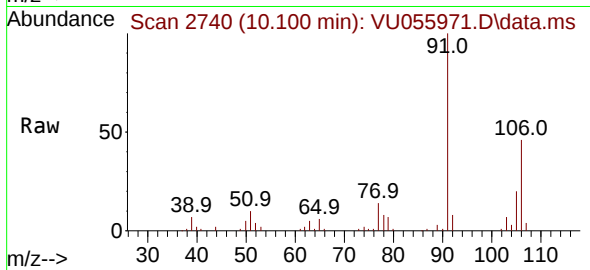




#54
o-Xylene
Concen: 1.010 ug/L
RT: 10.100 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU055971.D
Acq: 28 Oct 2023 14:03

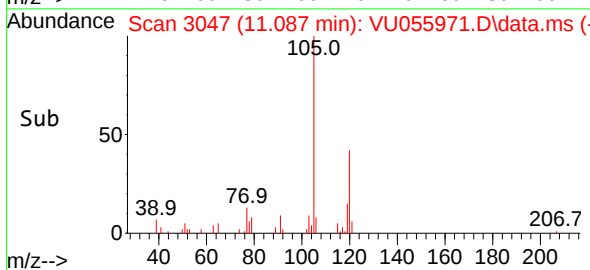
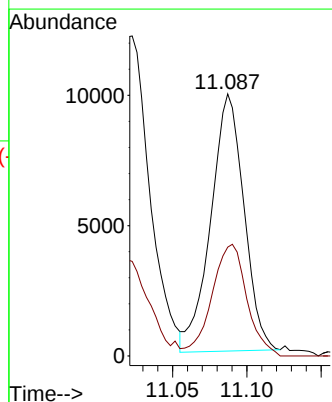
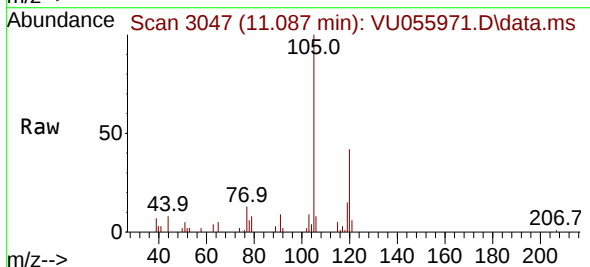
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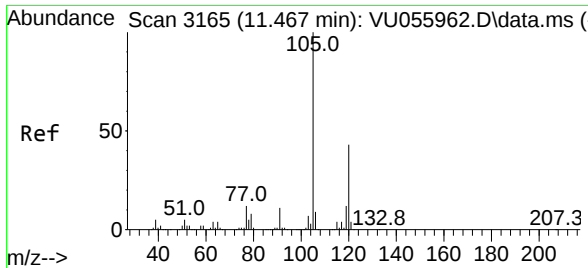
Tgt Ion:106 Resp: 34264
Ion Ratio Lower Upper
106 100
91 216.6 154.6 287.2



#62
1,3,5-Trimethylbenzene
Concen: 0.218 ug/L
RT: 11.087 min Scan# 3047
Delta R.T. 0.003 min
Lab File: VU055971.D
Acq: 28 Oct 2023 14:03

Tgt Ion:105 Resp: 15347
Ion Ratio Lower Upper
105 100
120 45.5 37.4 56.2





#63
 1,2,4-Trimethylbenzene
 Concen: 0.878 ug/L
 RT: 11.466 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU055971.D
 Acq: 28 Oct 2023 14:03

Instrument :
 MSVOA_U
 ClientSampleId :
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Tgt Ion:105 Resp: 57323
 Ion Ratio Lower Upper
 105 100
 120 42.9 34.6 52.0

