

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102723\
 Data File : VU055928.D
 Acq On : 27 Oct 2023 17:07
 Operator : MD/SY
 Sample : 05009-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A49J4

Quant Time: Oct 27 23:56:15 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)

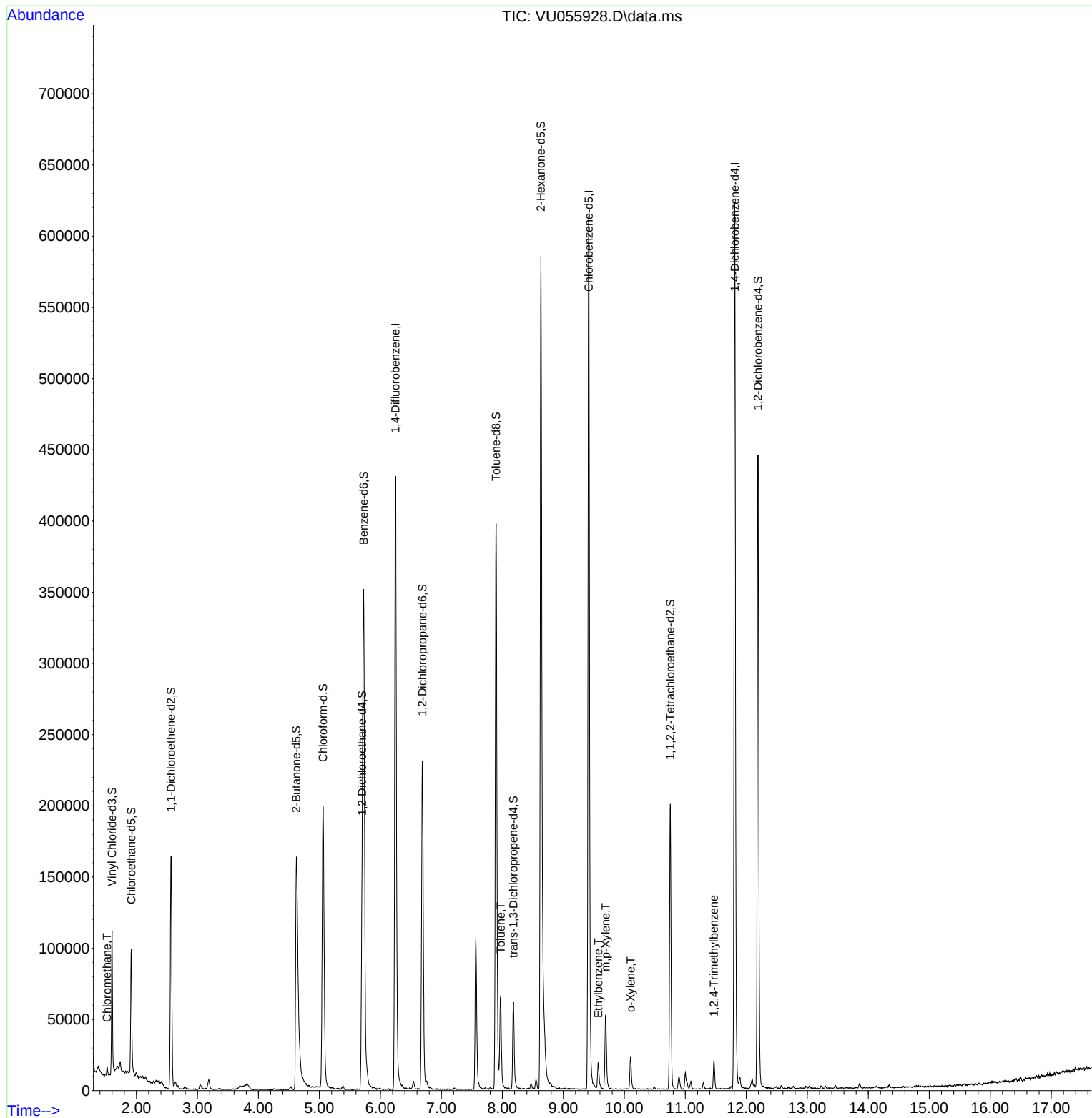
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	368854	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	365551	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	173440	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	68862	2.360	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	47.200%
7) Chloroethane-d5	1.914	69	66986	2.945	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	59.000%#
11) 1,1-Dichloroethene-d2	2.567	65	32302	2.608	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	52.200%#
20) 2-Butanone-d5	4.621	46	258918	49.741	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.480%
24) Chloroform-d	5.059	84	192306	3.557	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.200%
26) 1,2-Dichloroethane-d4	5.698	65	94802	3.599	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.000%
32) Benzene-d6	5.724	84	346853	3.185	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	63.800%#
36) 1,2-Dichloropropane-d6	6.689	67	120613	3.736	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	74.800%
41) Toluene-d8	7.898	98	286036	2.896	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	58.000%#
43) trans-1,3-Dichloroprop...	8.181	79	40056	3.173	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	63.400%
46) 2-Hexanone-d5	8.631	63	214983	67.081	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	134.160%#
56) 1,1,2,2-Tetrachloroeth...	10.753	84	103237	4.392	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	122023	3.771	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	75.400%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.518	50	4323	0.215	ug/L	89
42) Toluene	7.972	91	49238	0.584	ug/L	100
52) Ethylbenzene	9.573	91	14307	0.150	ug/L	92
53) m,p-Xylene	9.692	106	16263	0.455	ug/L	90
54) o-Xylene	10.103	106	7032	0.201	ug/L	93
63) 1,2,4-Trimethylbenzene	11.470	105	11993	0.183	ug/L	98

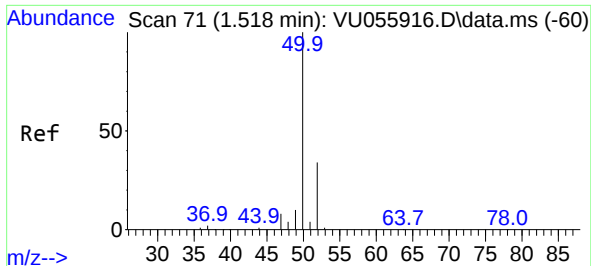
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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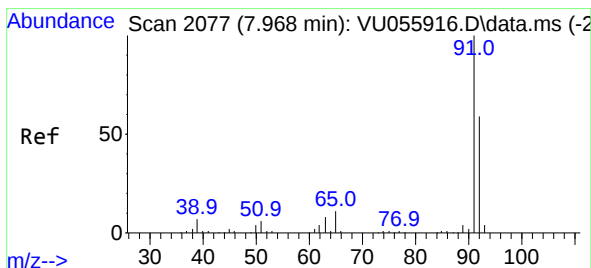
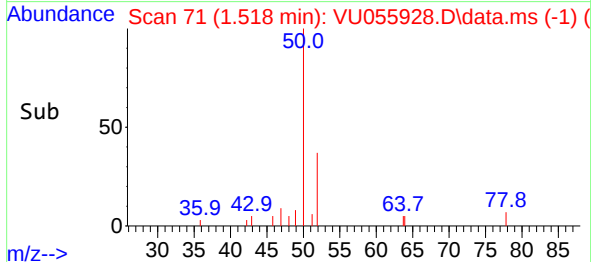
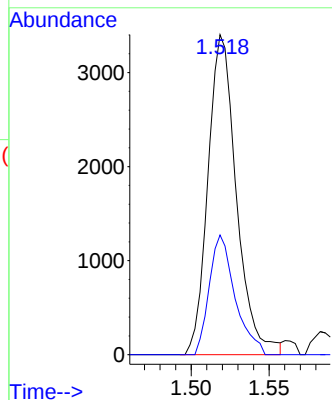
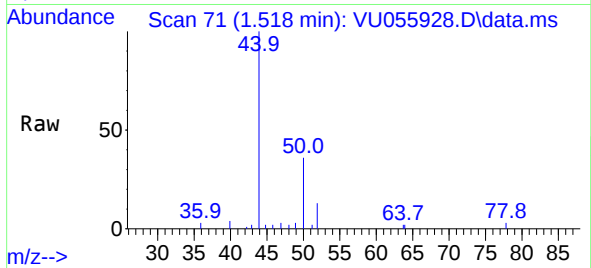




#3
Chloromethane
Concen: 0.215 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU055928.D
Acq: 27 Oct 2023 17:07

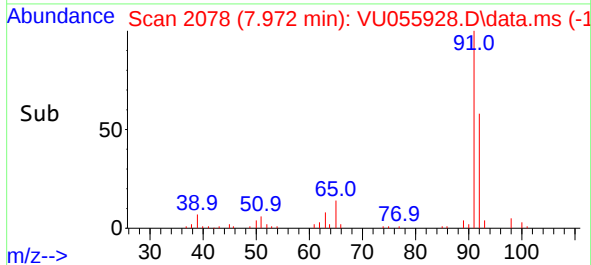
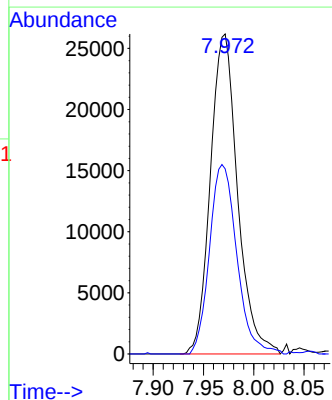
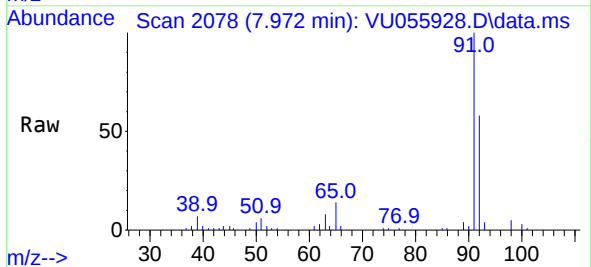
Instrument :
MSVOA_U
ClientSampleId :
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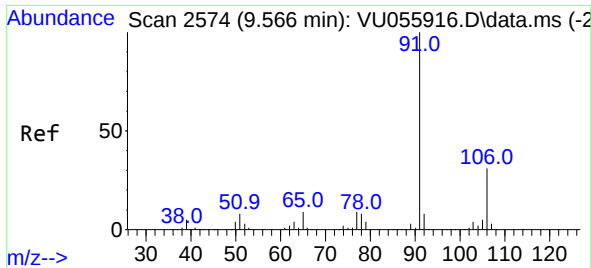
Tgt Ion: 50 Resp: 4323
Ion Ratio Lower Upper
50 100
52 37.4 22.0 40.8



#42
Toluene
Concen: 0.584 ug/L
RT: 7.972 min Scan# 2078
Delta R.T. 0.006 min
Lab File: VU055928.D
Acq: 27 Oct 2023 17:07

Tgt Ion: 91 Resp: 49238
Ion Ratio Lower Upper
91 100
92 57.9 40.6 75.4

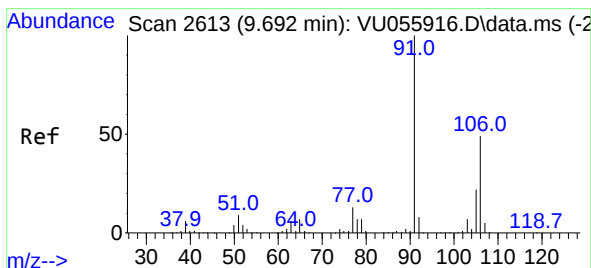
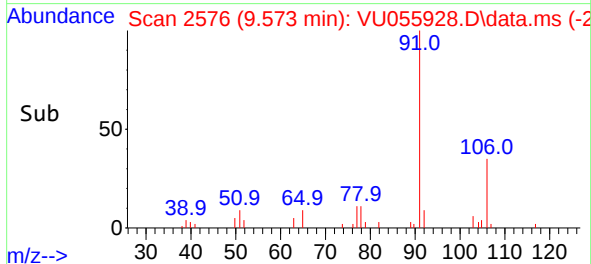
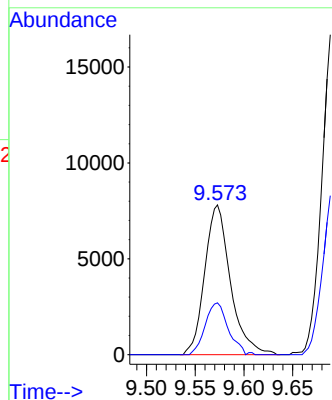
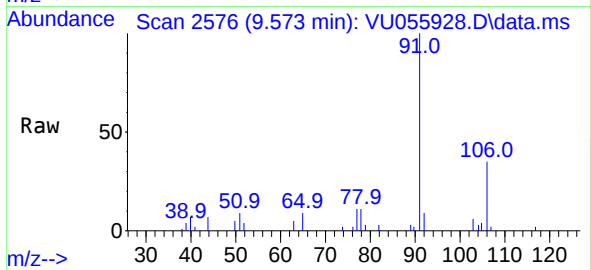




#52
Ethylbenzene
Concen: 0.150 ug/L
RT: 9.573 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU055928.D
Acq: 27 Oct 2023 17:07

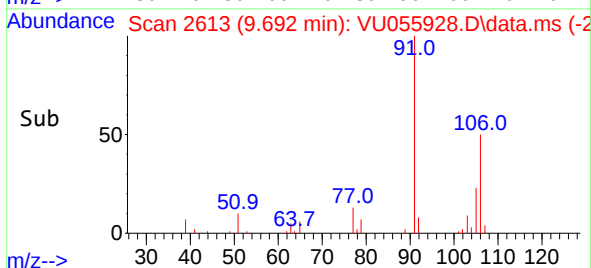
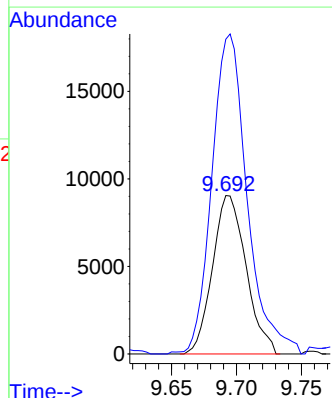
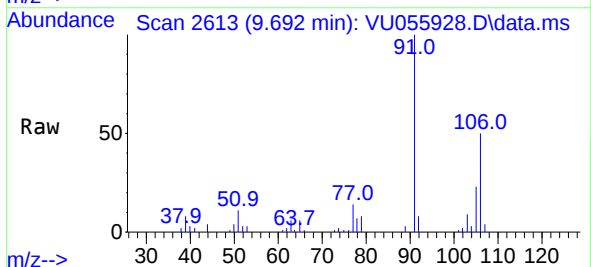
Instrument :
MSVOA_U
ClientSampleId :
A49J4

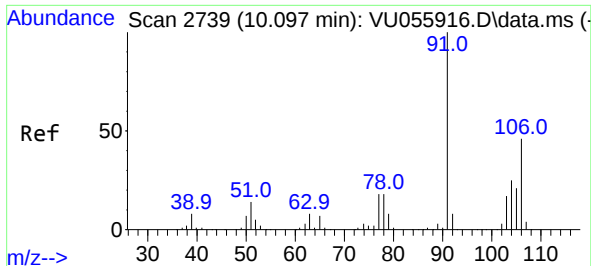
Tgt Ion: 91 Resp: 14307
Ion Ratio Lower Upper
91 100
106 34.6 21.3 39.5



#53
m,p-Xylene
Concen: 0.455 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.000 min
Lab File: VU055928.D
Acq: 27 Oct 2023 17:07

Tgt Ion:106 Resp: 16263
Ion Ratio Lower Upper
106 100
91 198.7 150.4 279.2

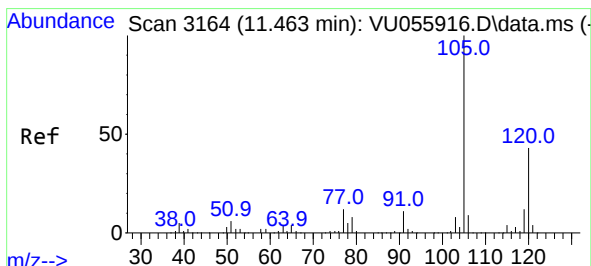
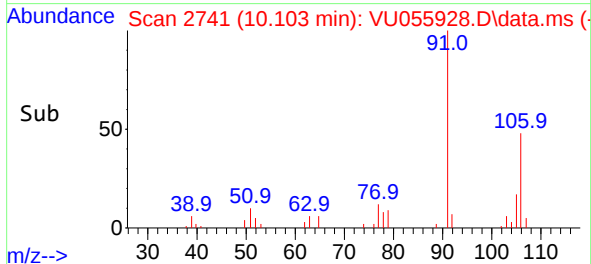
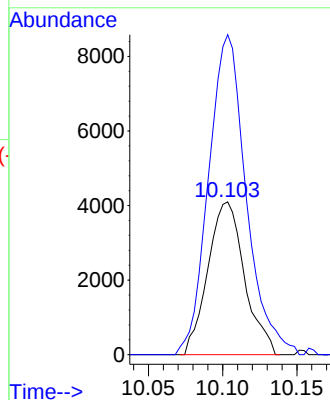
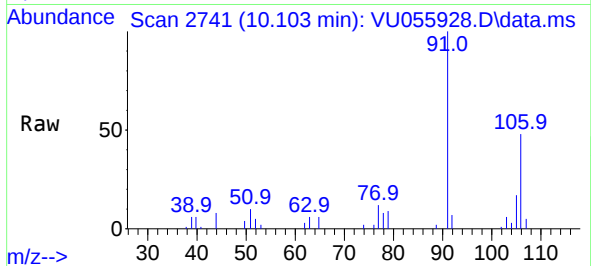




#54
o-Xylene
Concen: 0.201 ug/L
RT: 10.103 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU055928.D
Acq: 27 Oct 2023 17:07

Instrument :
MSVOA_U
ClientSampleId :
A49J4

Tgt Ion:106 Resp: 7032
Ion Ratio Lower Upper
106 100
91 209.5 154.6 287.2



#63
1,2,4-Trimethylbenzene
Concen: 0.183 ug/L
RT: 11.470 min Scan# 3166
Delta R.T. 0.006 min
Lab File: VU055928.D
Acq: 27 Oct 2023 17:07

Tgt Ion:105 Resp: 11993
Ion Ratio Lower Upper
105 100
120 44.4 34.6 52.0

