

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102723\
 Data File : VU055924.D
 Acq On : 27 Oct 2023 15:30
 Operator : MD/SY
 Sample : 05009-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A4998

Quant Time: Oct 27 23:55:40 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)

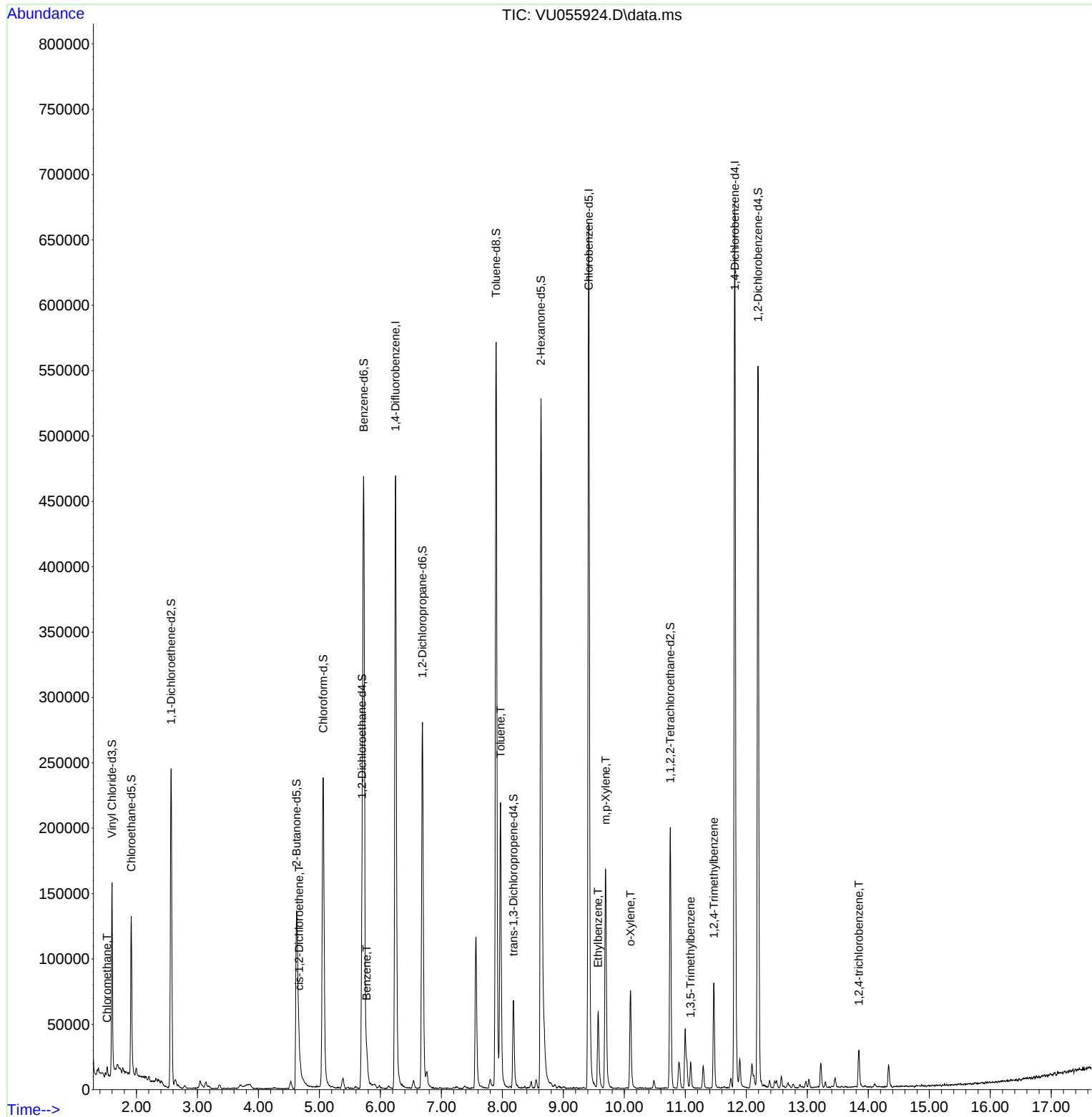
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	400625	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	395829	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	186080	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	101901	3.215	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.400%
7) Chloroethane-d5	1.914	69	92845	3.758	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.200%
11) 1,1-Dichloroethene-d2	2.567	65	46447	3.452	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.000%
20) 2-Butanone-d5	4.624	46	221199	39.125	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.240%
24) Chloroform-d	5.062	84	233238	3.972	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.400%
26) 1,2-Dichloroethane-d4	5.698	65	109722	3.835	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.800%
32) Benzene-d6	5.724	84	469144	3.979	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.600%
36) 1,2-Dichloropropane-d6	6.689	67	142617	4.080	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.600%
41) Toluene-d8	7.898	98	408755	3.822	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.400%
43) trans-1,3-Dichloroprop...	8.181	79	43203	3.160	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	63.200%
46) 2-Hexanone-d5	8.631	63	193516	55.764	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.520%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	104243	4.095	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	147366	4.245	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.800%
Target Compounds						
3) Chloromethane	1.518	50	5394	0.247	ug/L	88
22) cis-1,2-Dichloroethene	4.666	96	2654	0.114	ug/L	89
33) Benzene	5.772	78	20801	0.238	ug/L	100
42) Toluene	7.968	91	164949	1.807	ug/L	99
52) Ethylbenzene	9.570	91	43588	0.421	ug/L	100
53) m,p-Xylene	9.692	106	52158	1.349	ug/L	95
54) o-Xylene	10.100	106	21270	0.562	ug/L	98
62) 1,3,5-Trimethylbenzene	11.087	105	11933	0.157	ug/L	99
63) 1,2,4-Trimethylbenzene	11.467	105	46653	0.663	ug/L	99
70) 1,2,4-trichlorobenzene	13.846	180	9272	0.418	ug/L	95

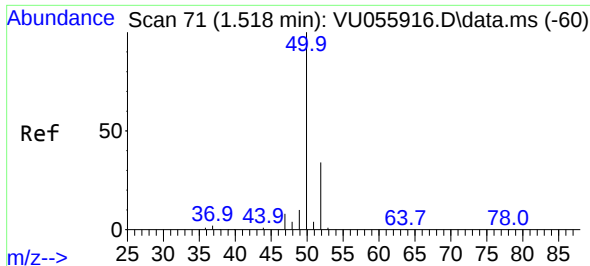
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102723\
Data File : VU055924.D
Acq On : 27 Oct 2023 15:30
Operator : MD/SY
Sample : 05009-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A4998

Quant Time: Oct 27 23:55:40 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

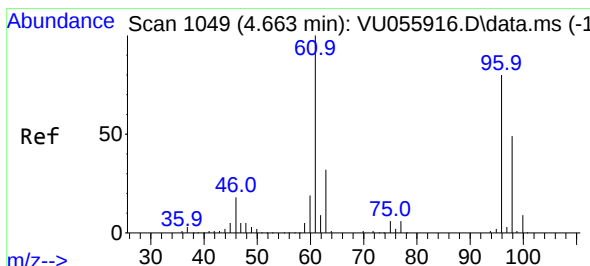
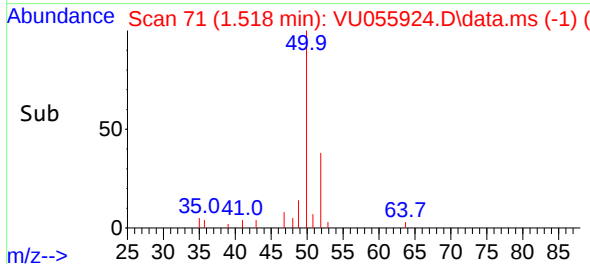
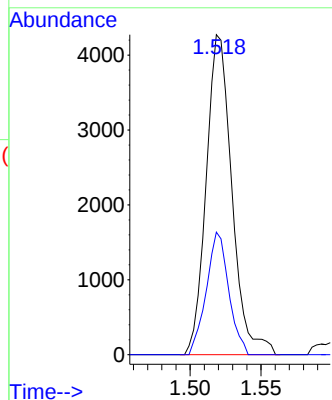
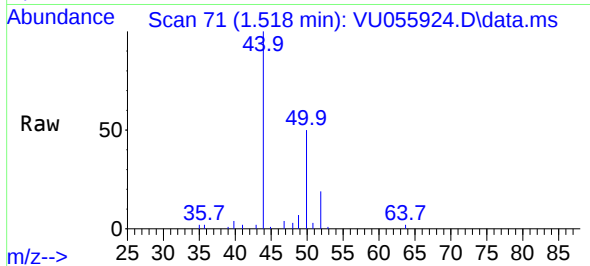




#3
Chloromethane
Concen: 0.247 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU055924.D
Acq: 27 Oct 2023 15:30

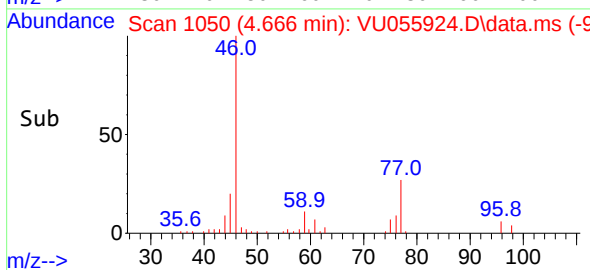
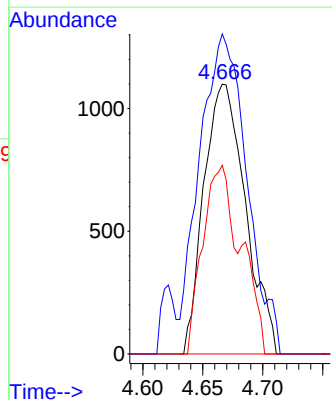
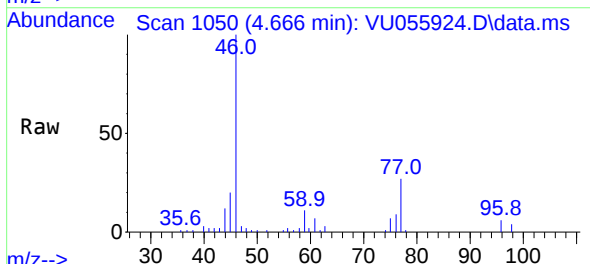
Instrument :
MSVOA_U
ClientSampleId :
A4998

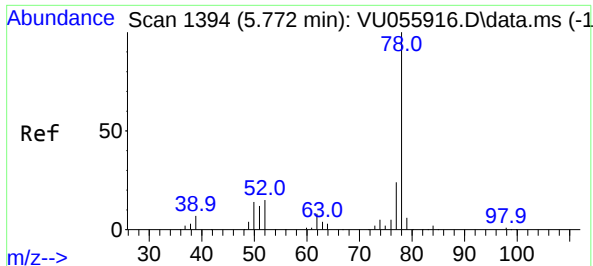
Tgt Ion: 50 Resp: 5394
Ion Ratio Lower Upper
50 100
52 38.3 22.0 40.8



#22
cis-1,2-Dichloroethene
Concen: 0.114 ug/L
RT: 4.666 min Scan# 1050
Delta R.T. 0.003 min
Lab File: VU055924.D
Acq: 27 Oct 2023 15:30

Tgt Ion: 96 Resp: 2654
Ion Ratio Lower Upper
96 100
61 118.7 93.8 174.2
98 70.0 45.6 84.8

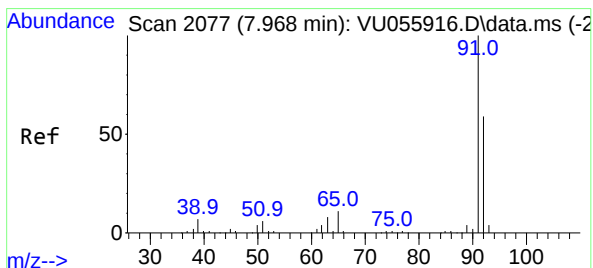
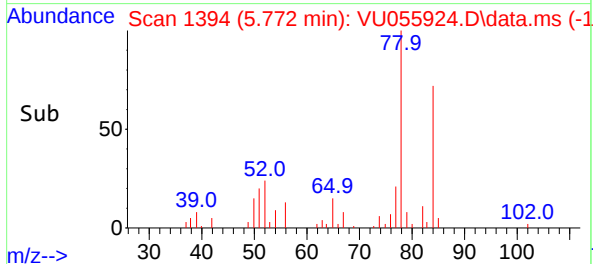
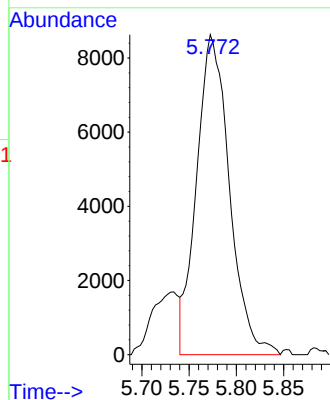
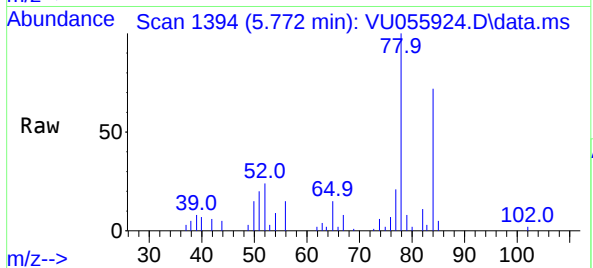




#33
Benzene
Concen: 0.238 ug/L
RT: 5.772 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU055924.D
Acq: 27 Oct 2023 15:30

Tgt Ion: 78 Resp: 20801

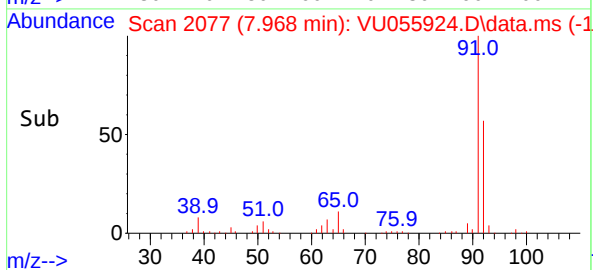
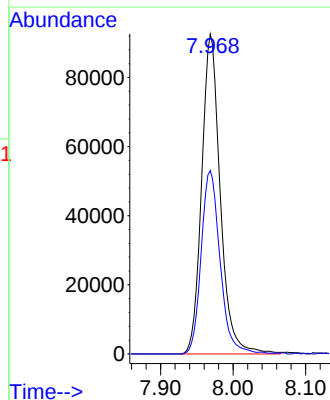
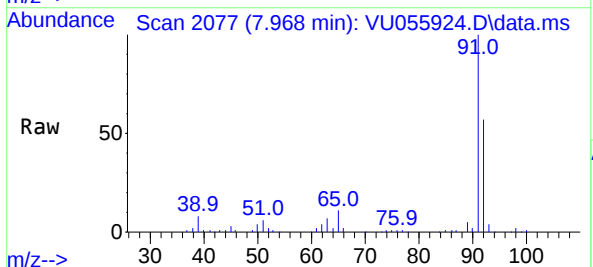
Instrument :
MSVOA_U
ClientSampleId :
A4998

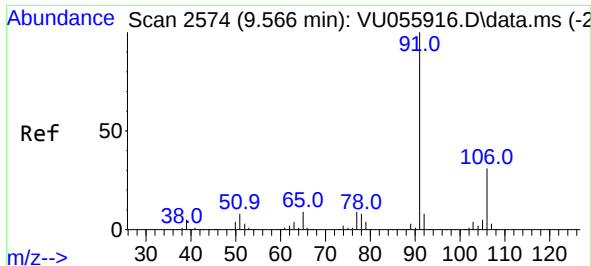


#42
Toluene
Concen: 1.807 ug/L
RT: 7.968 min Scan# 2077
Delta R.T. 0.003 min
Lab File: VU055924.D
Acq: 27 Oct 2023 15:30

Tgt Ion: 91 Resp: 164949

Ion	Ratio	Lower	Upper
91	100		
92	57.3	40.6	75.4

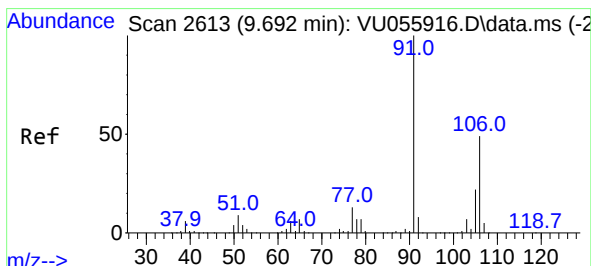
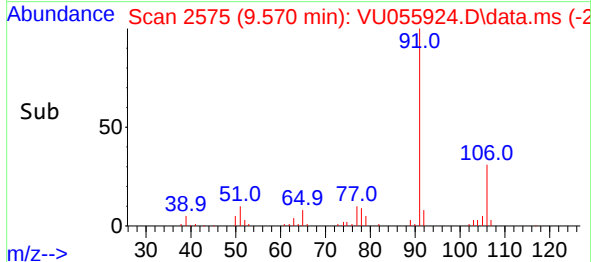
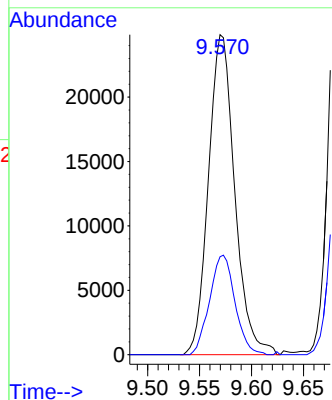
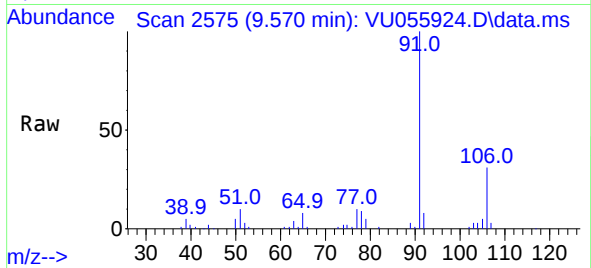




#52
Ethylbenzene
Concen: 0.421 ug/L
RT: 9.570 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU055924.D
Acq: 27 Oct 2023 15:30

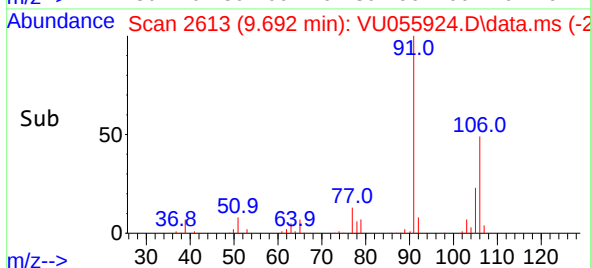
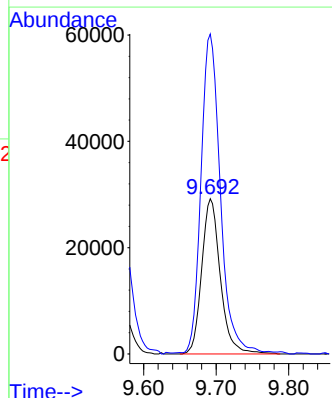
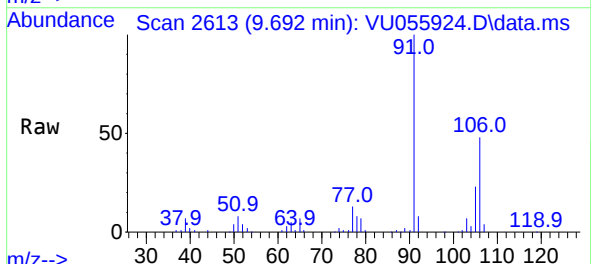
Instrument :
MSVOA_U
ClientSampleId :
A4998

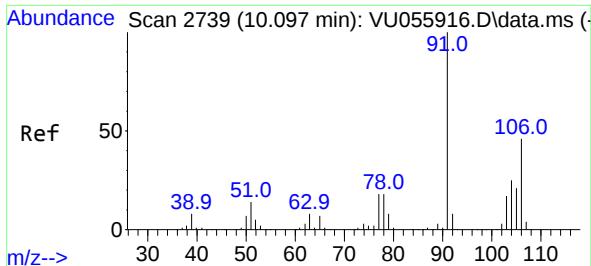
Tgt Ion: 91 Resp: 43588
Ion Ratio Lower Upper
91 100
106 30.6 21.3 39.5



#53
m,p-Xylene
Concen: 1.349 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.000 min
Lab File: VU055924.D
Acq: 27 Oct 2023 15:30

Tgt Ion: 106 Resp: 52158
Ion Ratio Lower Upper
106 100
91 206.2 150.4 279.2

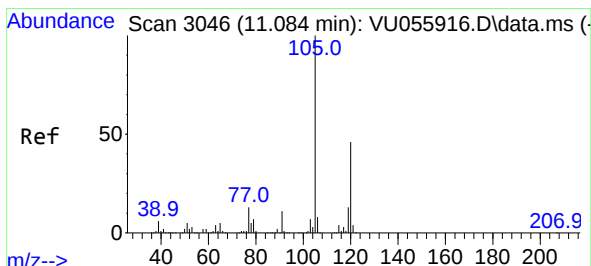
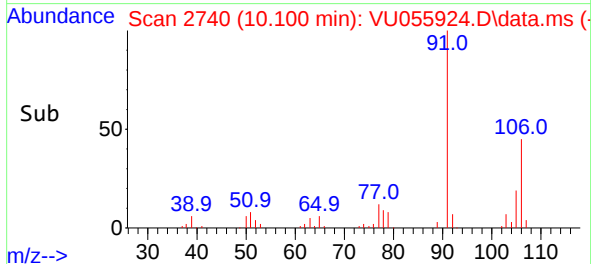
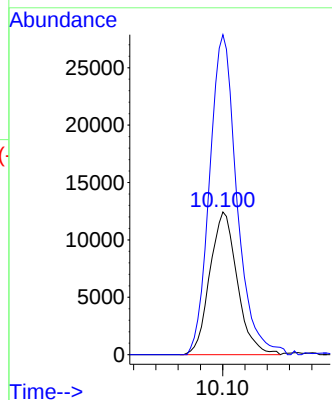
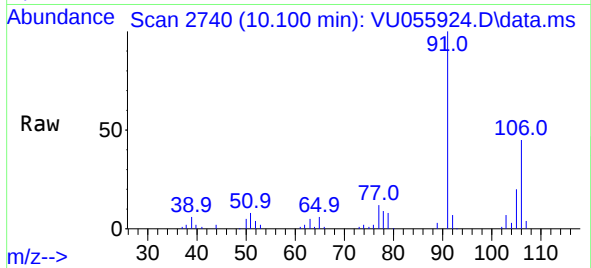




#54
o-Xylene
Concen: 0.562 ug/L
RT: 10.100 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU055924.D
Acq: 27 Oct 2023 15:30

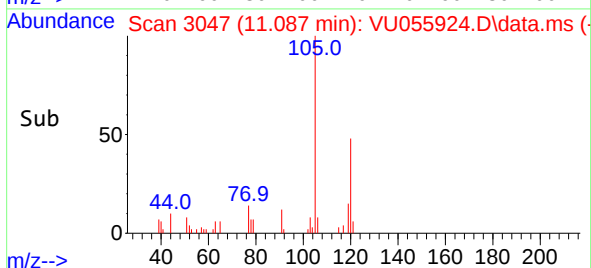
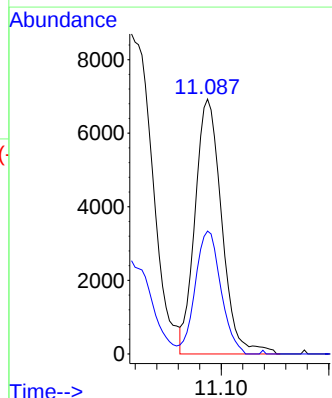
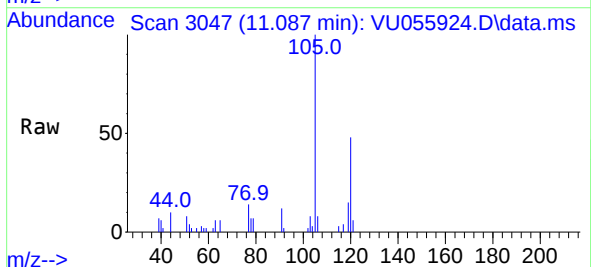
Instrument :
MSVOA_U
ClientSampleId :
A4998

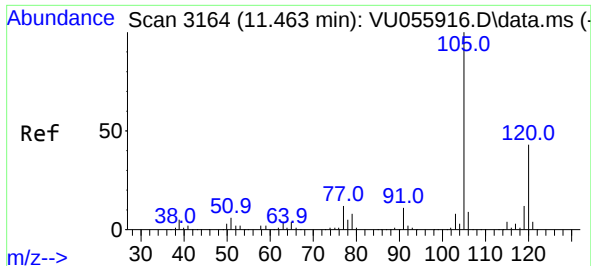
Tgt Ion:106 Resp: 21270
Ion Ratio Lower Upper
106 100
91 224.1 154.6 287.2



#62
1,3,5-Trimethylbenzene
Concen: 0.157 ug/L
RT: 11.087 min Scan# 3047
Delta R.T. 0.003 min
Lab File: VU055924.D
Acq: 27 Oct 2023 15:30

Tgt Ion:105 Resp: 11933
Ion Ratio Lower Upper
105 100
120 46.4 37.4 56.2

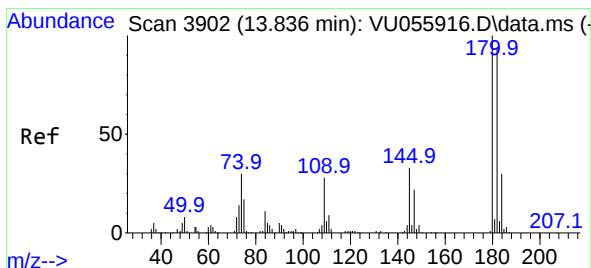
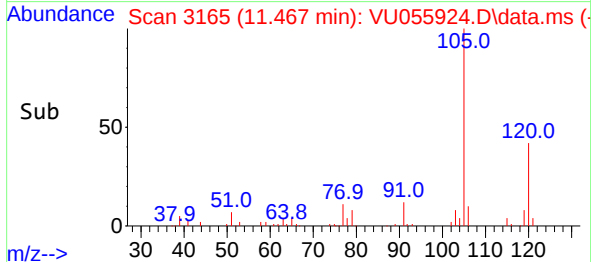
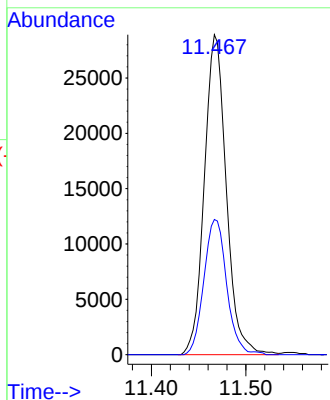
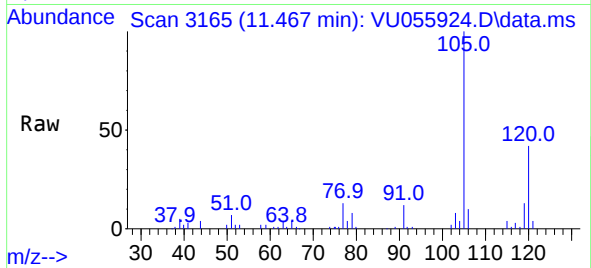




#63
1,2,4-Trimethylbenzene
Concen: 0.663 ug/L
RT: 11.467 min Scan# 3165
Delta R.T. 0.003 min
Lab File: VU055924.D
Acq: 27 Oct 2023 15:30

Instrument :
MSVOA_U
ClientSampleId :
A4998

Tgt Ion:105 Resp: 46653
Ion Ratio Lower Upper
105 100
120 43.9 34.6 52.0



#70
1,2,4-trichlorobenzene
Concen: 0.418 ug/L
RT: 13.846 min Scan# 3905
Delta R.T. 0.010 min
Lab File: VU055924.D
Acq: 27 Oct 2023 15:30

Tgt Ion:180 Resp: 9272
Ion Ratio Lower Upper
180 100
182 99.8 76.1 114.1
145 35.1 26.4 39.6

