

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120724\
 Data File : VU062139.D
 Acq On : 06 Dec 2024 17:18
 Operator : MD/SY
 Sample : P5107-01
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 06 23:16:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 06 02:27:00 2024
 Response via : Initial Calibration

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

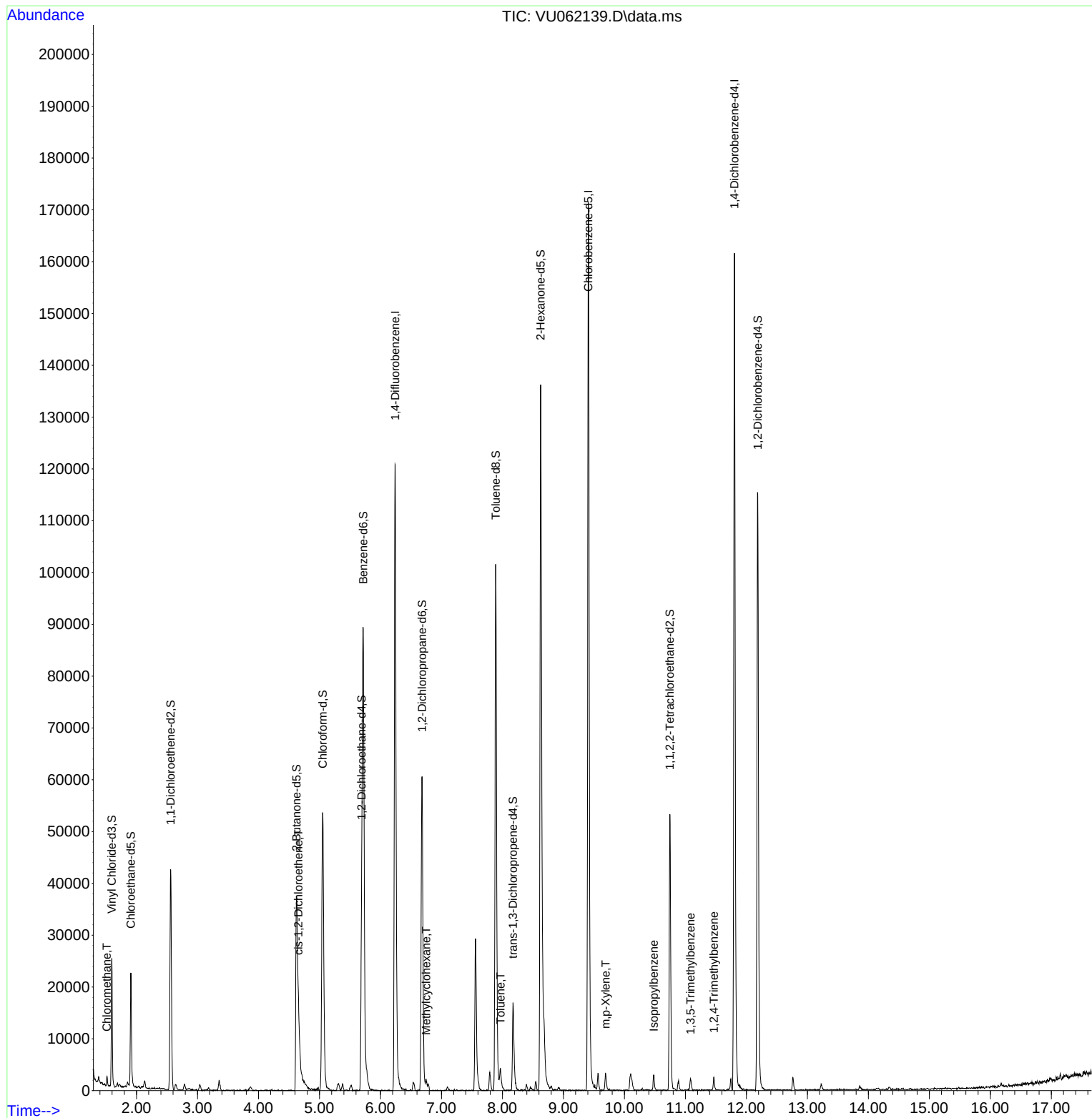
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	102008	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	98404	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	45816	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	17223	3.442	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.800%
7) Chloroethane-d5	1.907	69	14890	3.364	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	67.200%
11) 1,1-Dichloroethene-d2	2.560	65	7793	3.898	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.000%
20) 2-Butanone-d5	4.624	46	61663	39.244	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.480%
24) Chloroform-d	5.052	84	53520	4.384	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
26) 1,2-Dichloroethane-d4	5.692	65	28837	4.590	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
32) Benzene-d6	5.717	84	84781	4.422	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
36) 1,2-Dichloropropane-d6	6.682	67	29865	4.584	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.600%
41) Toluene-d8	7.891	98	72477	4.532	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.600%
43) trans-1,3-Dichloroprop...	8.174	79	11339	4.702	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.000%
46) 2-Hexanone-d5	8.627	63	41518	37.716	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.440%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	26352	4.048	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	33882	5.001	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.000%
Target Compounds						Qvalue
3) Chloromethane	1.515	50	1385	0.151	ug/L	99
22) cis-1,2-Dichloroethene	4.656	96	2285	0.281	ug/L	87
35) Methylcyclohexane	6.750	83	954	0.079	ug/L #	80
42) Toluene	7.968	91	3592	0.115	ug/L	98
53) m,p-Xylene	9.692	106	1309	0.099	ug/L	65
60) Isopropylbenzene	10.483	105	2637	0.074	ug/L #	92
62) 1,3,5-Trimethylbenzene	11.084	105	2026	0.071	ug/L	100
63) 1,2,4-Trimethylbenzene	11.466	105	1901	0.067	ug/L	93

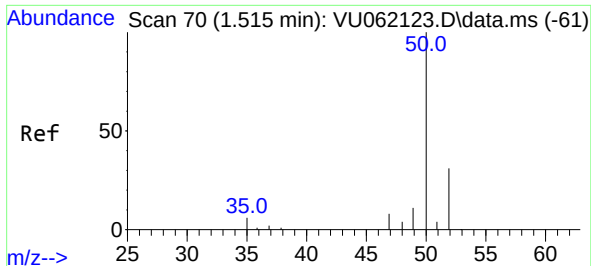
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 25mL/MSVOA_U/WATER
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Instrument :
MSVOA_U
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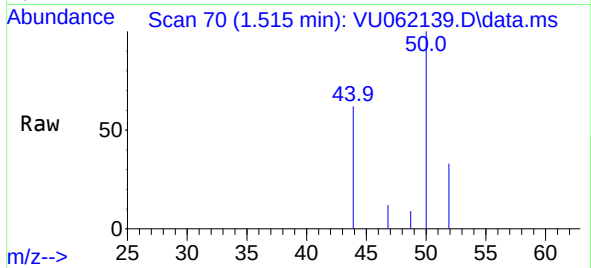
Quant Time: Dec 06 23:16:53 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
Quant Title : TRACE VOA SFAM1.0
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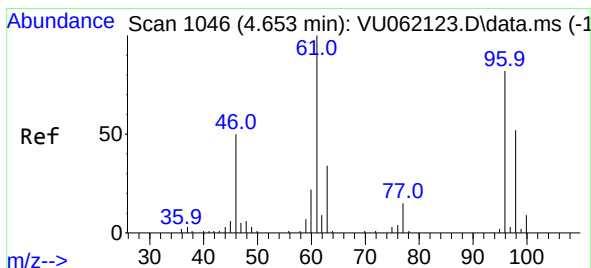
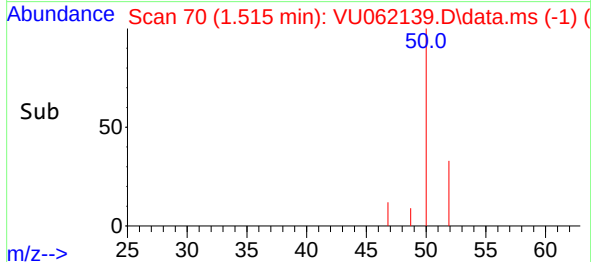
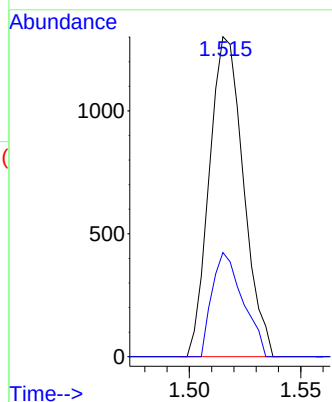


#3
Chloromethane
Concen: 0.151 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU062139.D
Acq: 06 Dec 2024 17:18

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MSVOA_U
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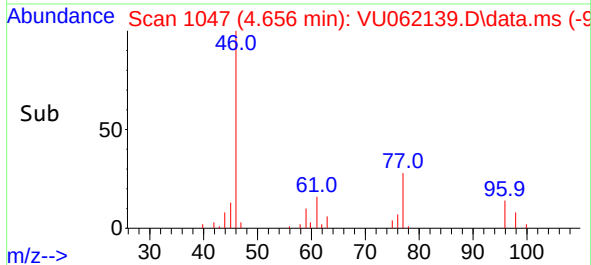
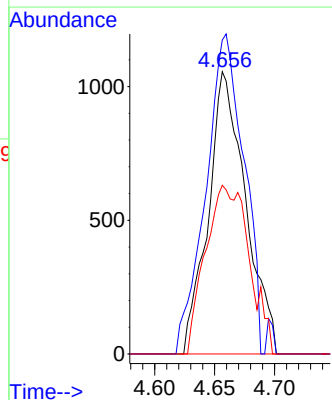
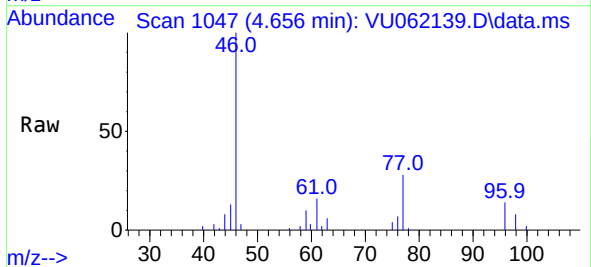


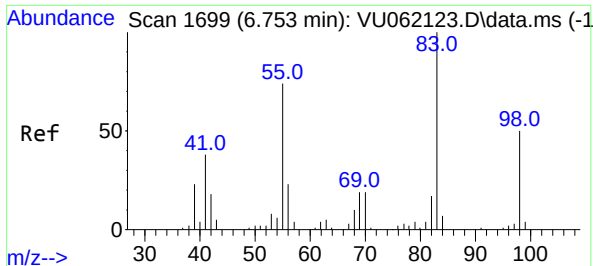
Tgt Ion: 50 Resp: 1385
Ion Ratio Lower Upper
50 100
52 32.6 23.1 42.9



#22
cis-1,2-Dichloroethene
Concen: 0.281 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. -0.000 min
Lab File: VU062139.D
Acq: 06 Dec 2024 17:18

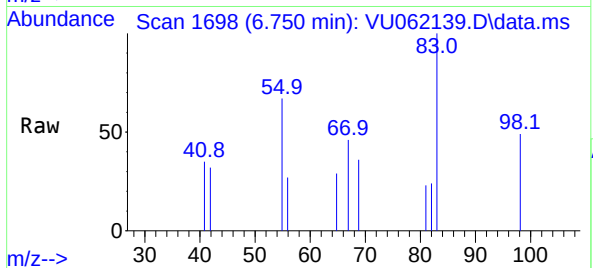
Tgt Ion: 96 Resp: 2285
Ion Ratio Lower Upper
96 100
61 111.2 92.0 170.8
98 59.8 44.5 82.7



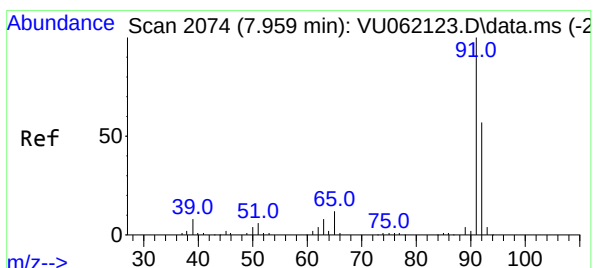
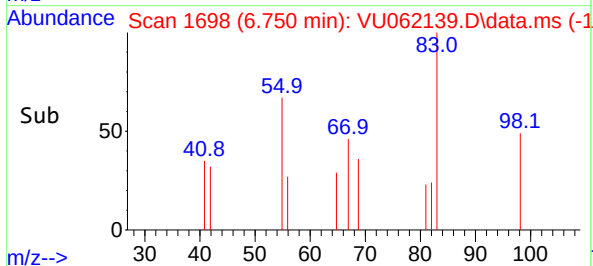
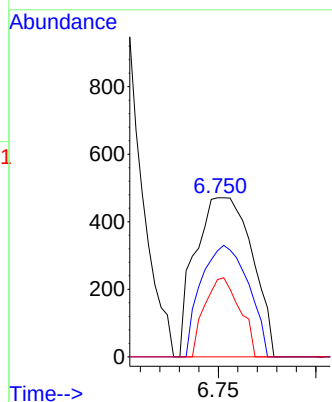


#35
Methylcyclohexane
Concen: 0.079 ug/L
RT: 6.750 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU062139.D
Acq: 06 Dec 2024 17:18

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MSVOA_U
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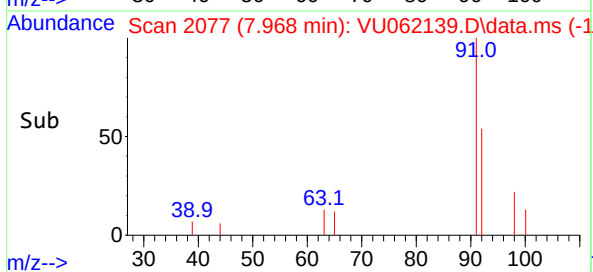
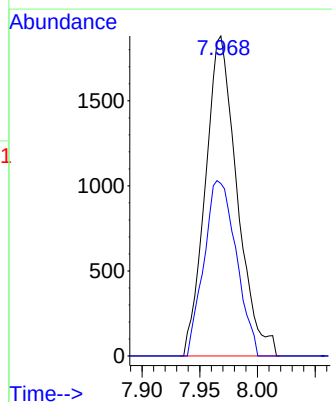
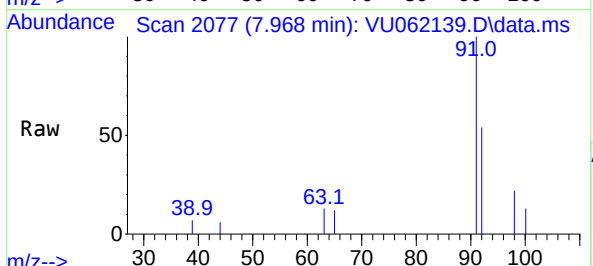


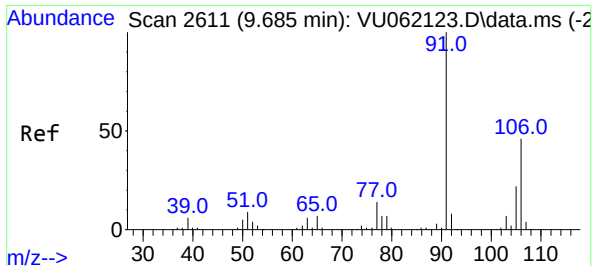
Tgt Ion: 83 Resp: 954
Ion Ratio Lower Upper
83 100
55 58.3 60.7 91.1#
98 30.6 34.8 52.2#



#42
Toluene
Concen: 0.115 ug/L
RT: 7.968 min Scan# 2077
Delta R.T. 0.006 min
Lab File: VU062139.D
Acq: 06 Dec 2024 17:18

Tgt Ion: 91 Resp: 3592
Ion Ratio Lower Upper
91 100
92 53.9 39.0 72.4

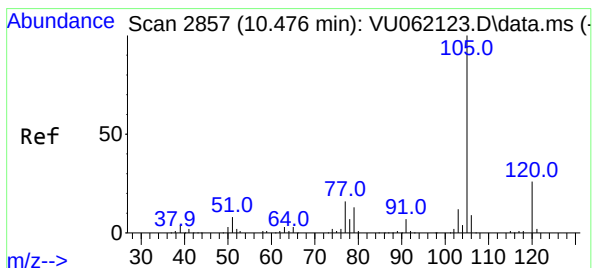
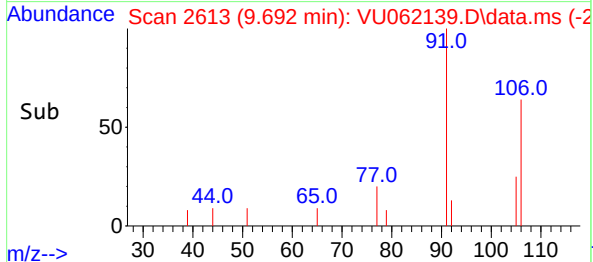
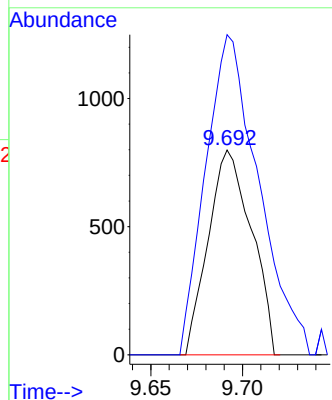
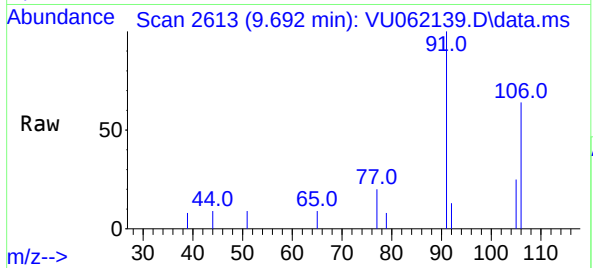




#53
m,p-Xylene
Concen: 0.099 ug/L
RT: 9.692 min Scan# 210
Delta R.T. 0.006 min
Lab File: VU062139.D
Acq: 06 Dec 2024 17:18

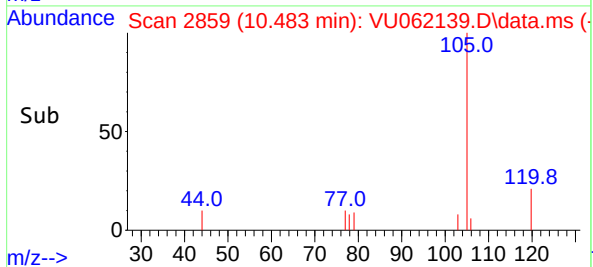
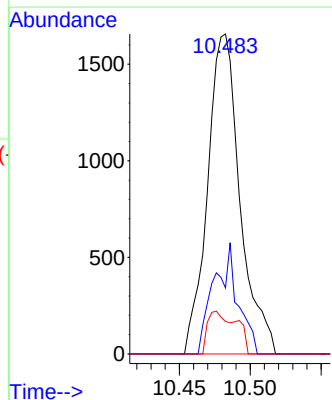
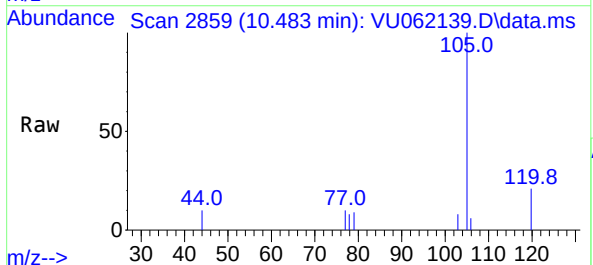
Instrument :
MSVOA_U
ClientSampleId :

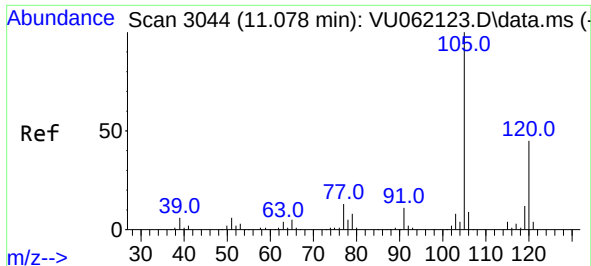
Tgt Ion:106 Resp: 1309
Ion Ratio Lower Upper
106 100
91 156.3 147.6 274.0



#60
Isopropylbenzene
Concen: 0.074 ug/L
RT: 10.483 min Scan# 2859
Delta R.T. 0.006 min
Lab File: VU062139.D
Acq: 06 Dec 2024 17:18

Tgt Ion:105 Resp: 2637
Ion Ratio Lower Upper
105 100
120 25.6 20.6 31.0
77 8.2 13.0 19.6#

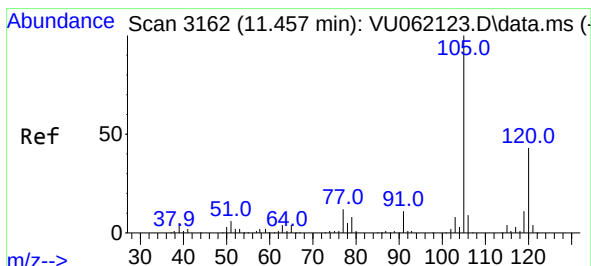
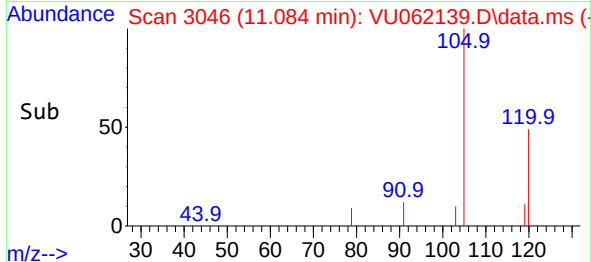
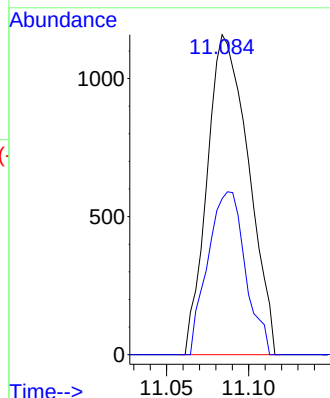
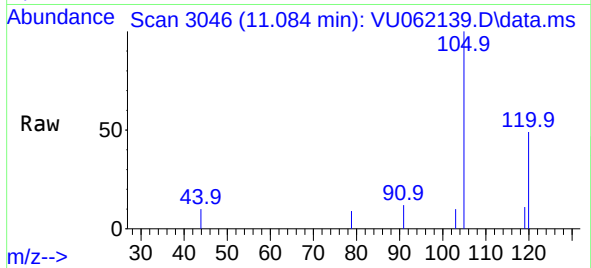




#62
1,3,5-Trimethylbenzene
Concen: 0.071 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. 0.003 min
Lab File: VU062139.D
Acq: 06 Dec 2024 17:18

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:105 Resp: 2026
Ion Ratio Lower Upper
105 100
120 46.2 36.7 55.1



#63
1,2,4-Trimethylbenzene
Concen: 0.067 ug/L
RT: 11.466 min Scan# 3165
Delta R.T. 0.006 min
Lab File: VU062139.D
Acq: 06 Dec 2024 17:18

Tgt Ion:105 Resp: 1901
Ion Ratio Lower Upper
105 100
120 39.2 34.7 52.1

