

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070124\
 Data File : VU059716.D
 Acq On : 02 Jul 2024 04:04
 Operator : MD/SY
 Sample : P3121-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COBMO

Quant Time: Jul 02 07:22:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 29 01:51:23 2024
 Response via : Initial Calibration

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

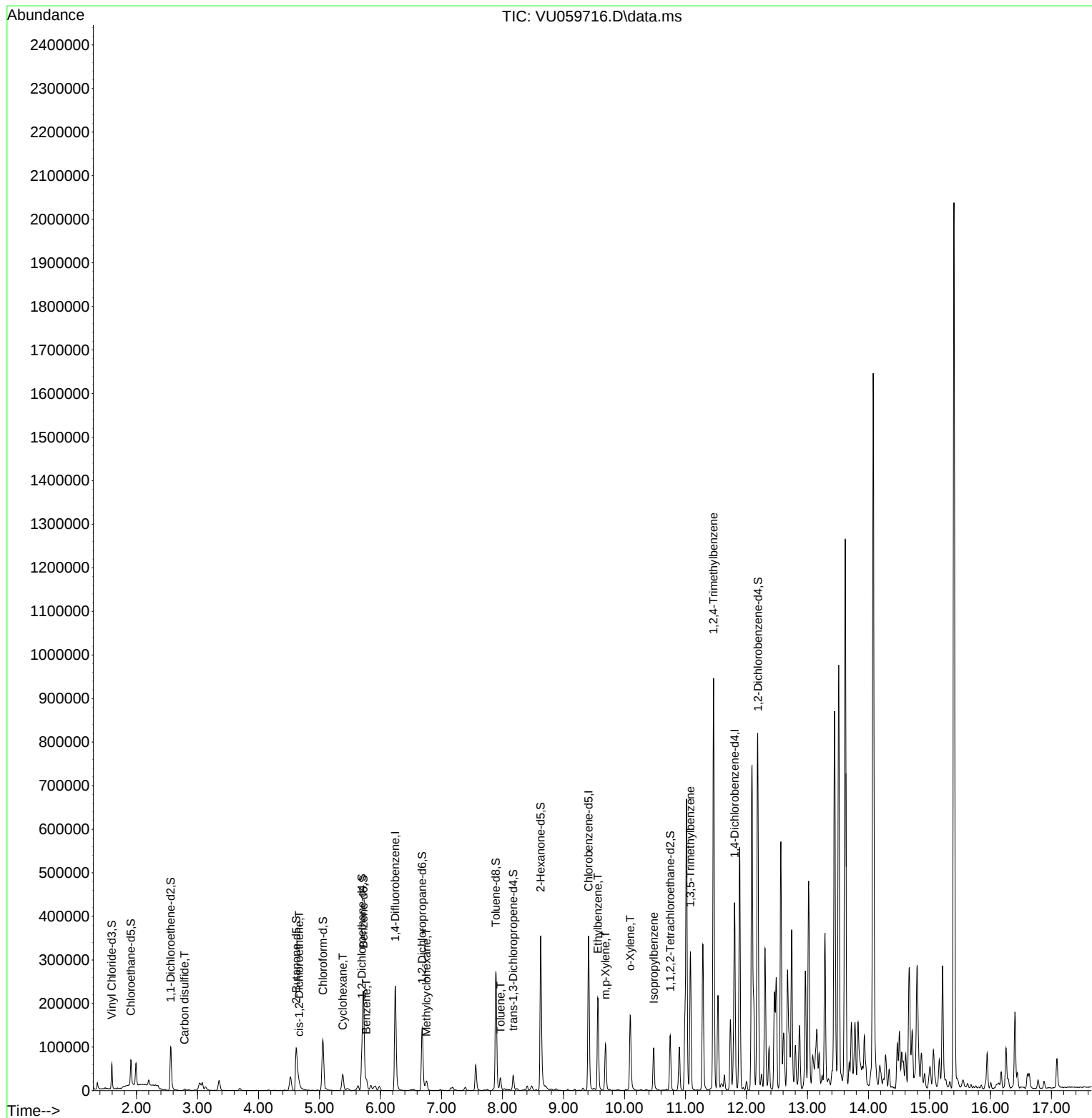
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	210710	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	209691	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	115271	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	38092	2.600	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	52.000%
7) Chloroethane-d5	1.907	69	42985	3.049	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	61.000%#
11) 1,1-Dichloroethene-d2	2.560	65	18699	3.076	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.600%
20) 2-Butanone-d5	4.618	46	151404	50.166	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.340%
24) Chloroform-d	5.055	84	112565	3.743	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.800%
26) 1,2-Dichloroethane-d4	5.695	65	56830	3.923	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.400%
32) Benzene-d6	5.721	84	223575	3.874	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.400%
36) 1,2-Dichloropropane-d6	6.682	67	72765	4.115	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.200%
41) Toluene-d8	7.891	98	191603	3.571	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.400%
43) trans-1,3-Dichloroprop...	8.174	79	21691	3.917	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.400%
46) 2-Hexanone-d5	8.624	63	126663	55.052	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.100%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	64428	4.410	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	90413	4.407	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.200%
Target Compounds						
					Qvalue	
14) Carbon disulfide	2.788	76	4983	0.100	ug/L #	92
22) cis-1,2-Dichloroethene	4.666	96	3745	0.219	ug/L	97
30) Cyclohexane	5.380	56	17274	0.808	ug/L	94
33) Benzene	5.769	78	23878	0.375	ug/L	100
35) Methylcyclohexane	6.753	83	8381	0.342	ug/L	90
42) Toluene	7.968	91	22791	0.338	ug/L	95
52) Ethylbenzene	9.563	91	152034	2.198	ug/L	95
53) m,p-Xylene	9.688	106	30405	1.145	ug/L	100
54) o-Xylene	10.093	106	47562	1.887	ug/L	99
60) Isopropylbenzene	10.479	105	63047	0.885	ug/L	97
62) 1,3,5-Trimethylbenzene	11.081	105	178580	3.166	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	518695	9.617	ug/L	98

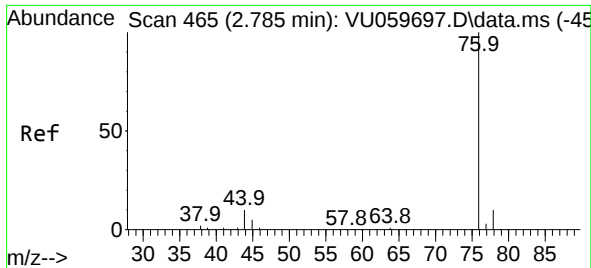
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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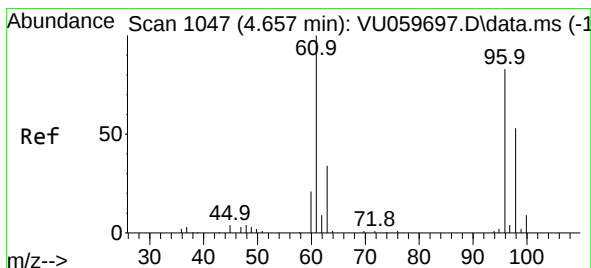
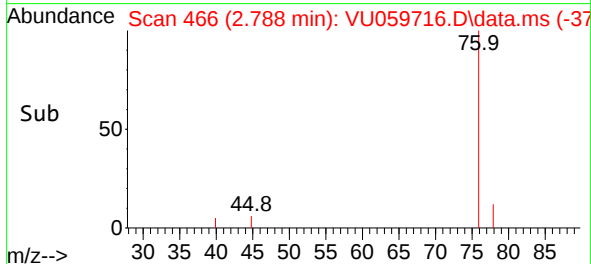
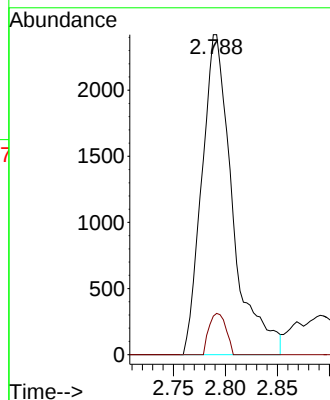
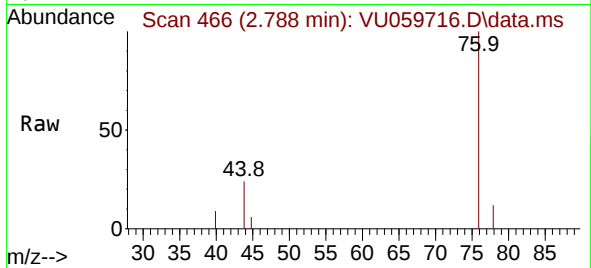




#14
Carbon disulfide
Concen: 0.100 ug/L
RT: 2.788 min Scan# 40
Delta R.T. 0.003 min
Lab File: VU059716.D
Acq: 02 Jul 2024 04:04

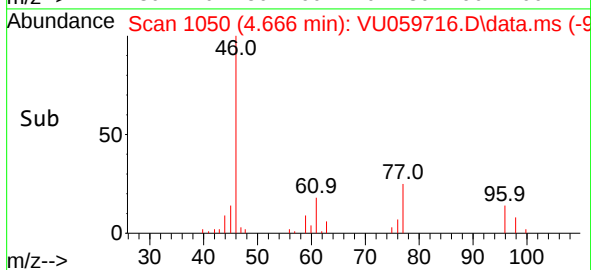
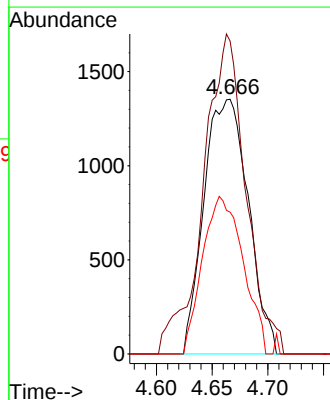
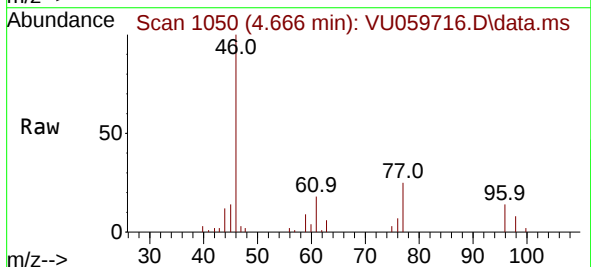
Instrument :
MSVOA_U
ClientSampleId :
COBM0

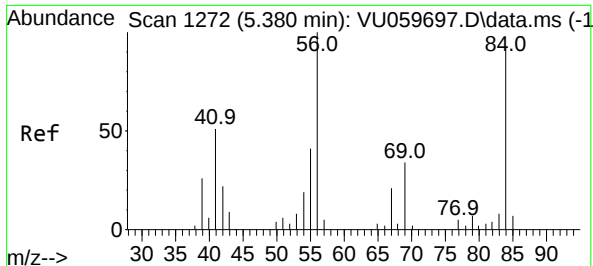
Tgt Ion: 76 Resp: 4983
Ion Ratio Lower Upper
76 100
78 12.0 7.3 10.9#



#22
cis-1,2-Dichloroethene
Concen: 0.219 ug/L
RT: 4.666 min Scan# 1050
Delta R.T. 0.006 min
Lab File: VU059716.D
Acq: 02 Jul 2024 04:04

Tgt Ion: 96 Resp: 3745
Ion Ratio Lower Upper
96 100
61 122.8 87.4 162.2
98 55.7 42.3 78.5

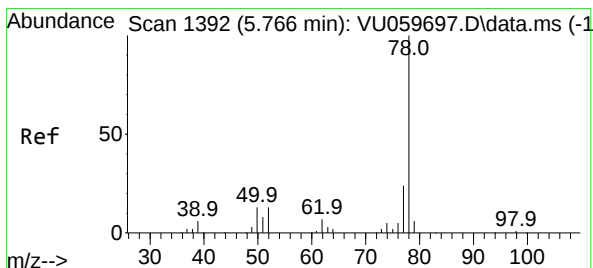
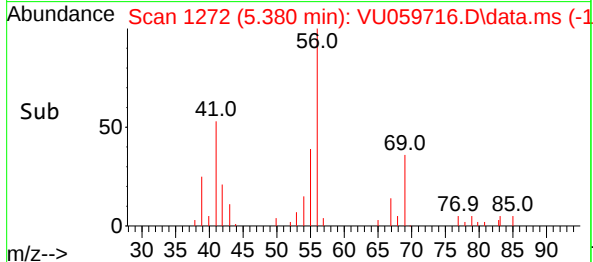
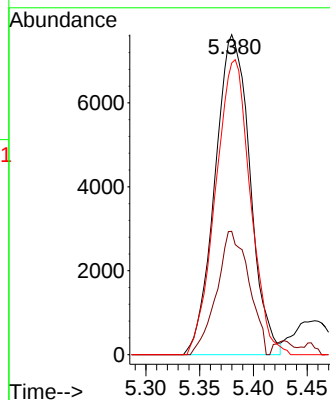
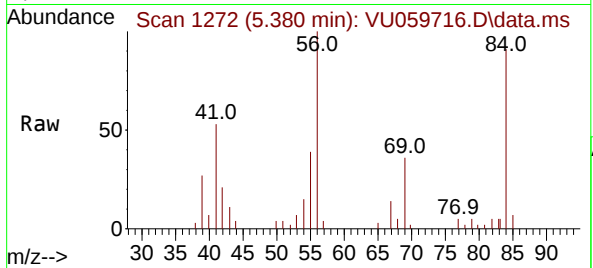




#30
Cyclohexane
Concen: 0.808 ug/L
RT: 5.380 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU059716.D
Acq: 02 Jul 2024 04:04

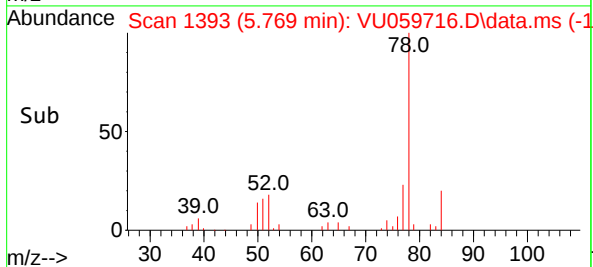
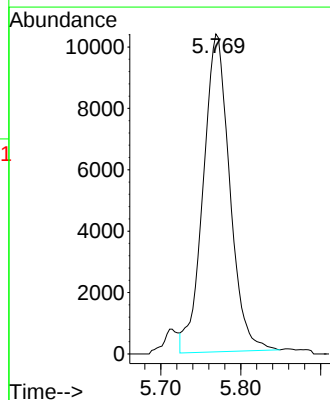
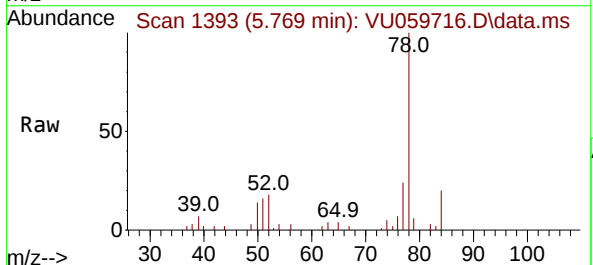
Instrument :
MSVOA_U
ClientSampleId :
COBM0

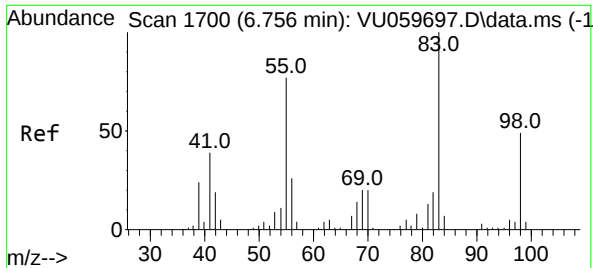
Tgt Ion: 56 Resp: 17274
Ion Ratio Lower Upper
56 100
69 35.6 24.8 37.2
84 91.6 69.8 104.8



#33
Benzene
Concen: 0.375 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.003 min
Lab File: VU059716.D
Acq: 02 Jul 2024 04:04

Tgt Ion: 78 Resp: 23878

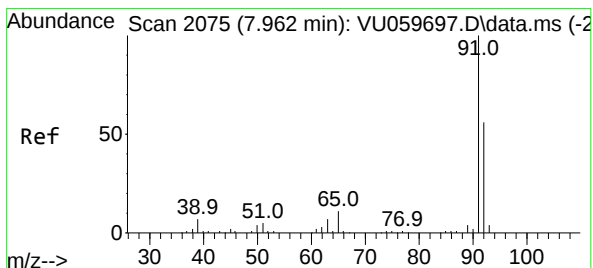
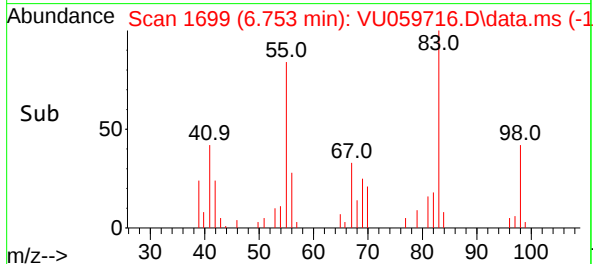
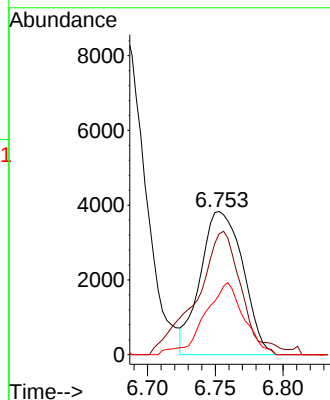
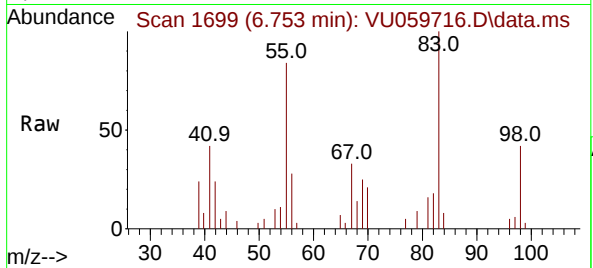




#35
Methylcyclohexane
Concen: 0.342 ug/L
RT: 6.753 min Scan# 1699
Delta R.T. -0.003 min
Lab File: VU059716.D
Acq: 02 Jul 2024 04:04

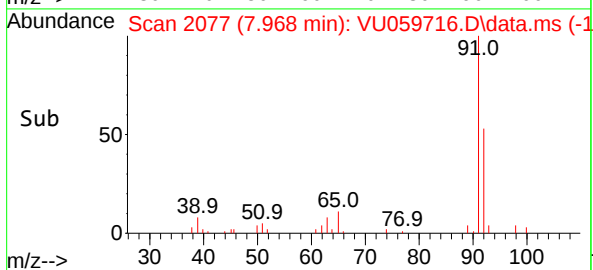
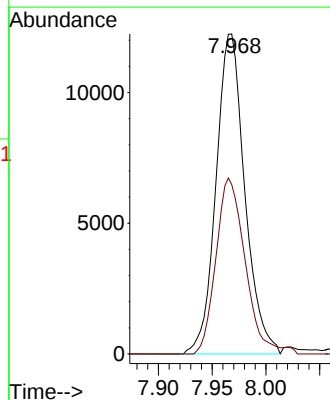
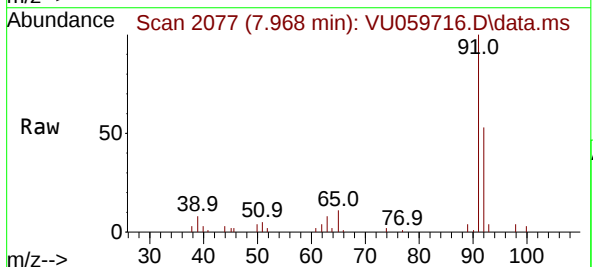
Instrument :
MSVOA_U
ClientSampleId :
COBM0

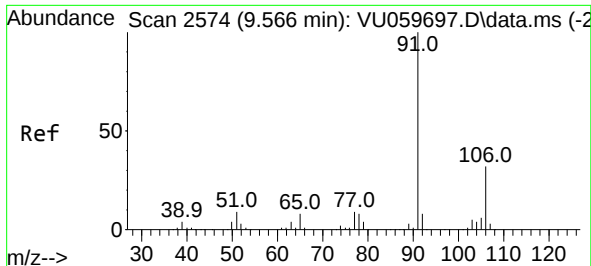
Tgt Ion: 83	Resp:	8381	
Ion	Ratio	Lower	Upper
83	100		
55	91.3	62.7	94.1
98	46.0	35.4	53.0



#42
Toluene
Concen: 0.338 ug/L
RT: 7.968 min Scan# 2077
Delta R.T. 0.006 min
Lab File: VU059716.D
Acq: 02 Jul 2024 04:04

Tgt Ion: 91	Resp: 22791
Ion Ratio	Lower Upper
91 100	
92 53.0	39.7 73.7

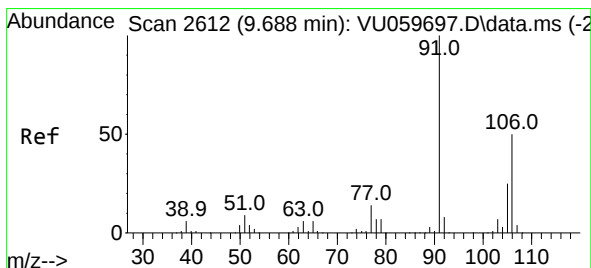
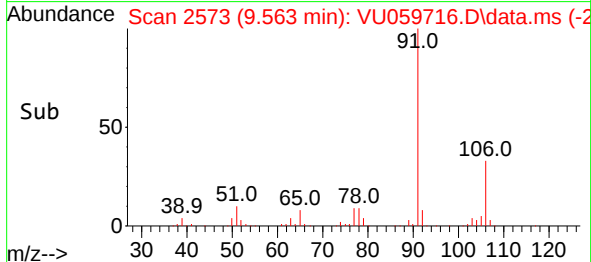
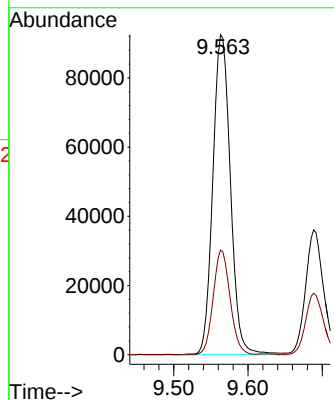
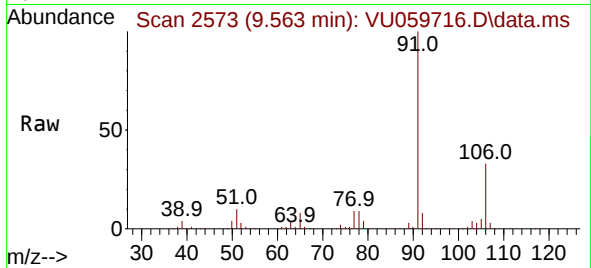




#52
Ethylbenzene
Concen: 2.198 ug/L
RT: 9.563 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU059716.D
Acq: 02 Jul 2024 04:04

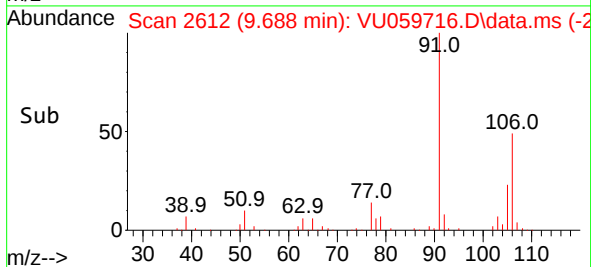
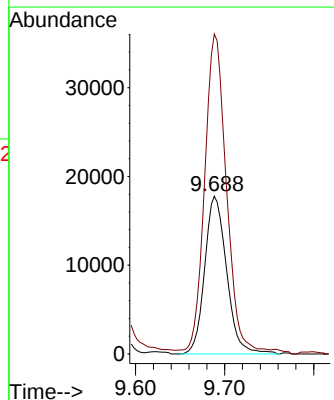
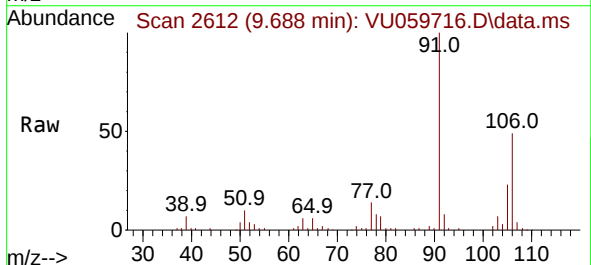
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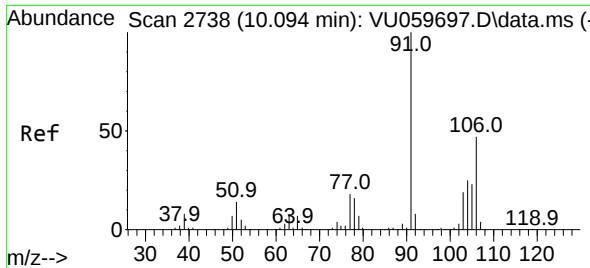
Tgt Ion: 91 Resp: 152034
Ion Ratio Lower Upper
91 100
106 32.7 20.9 38.7



#53
m,p-Xylene
Concen: 1.145 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU059716.D
Acq: 02 Jul 2024 04:04

Tgt Ion:106 Resp: 30405
Ion Ratio Lower Upper
106 100
91 202.9 142.0 263.8

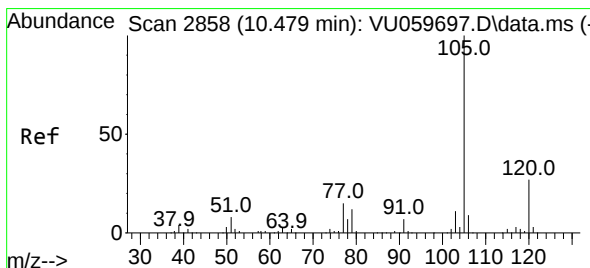
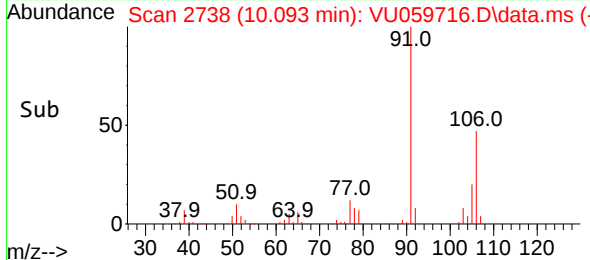
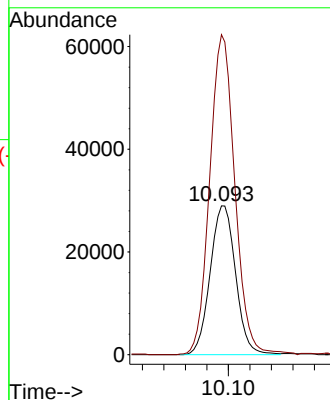
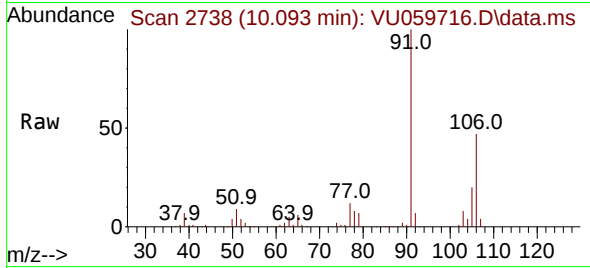




#54
o-Xylene
Concen: 1.887 ug/L
RT: 10.093 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU059716.D
Acq: 02 Jul 2024 04:04

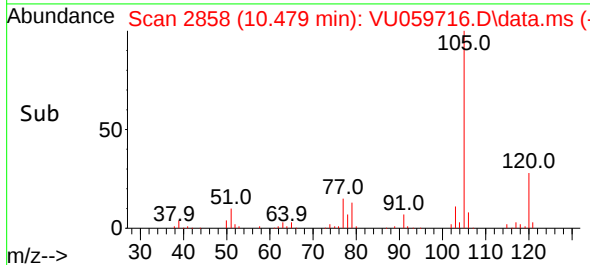
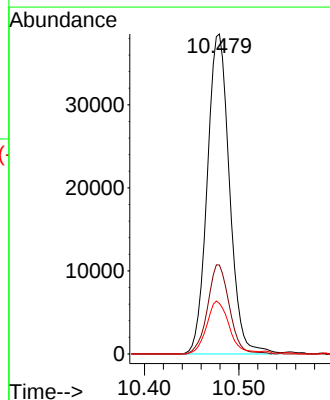
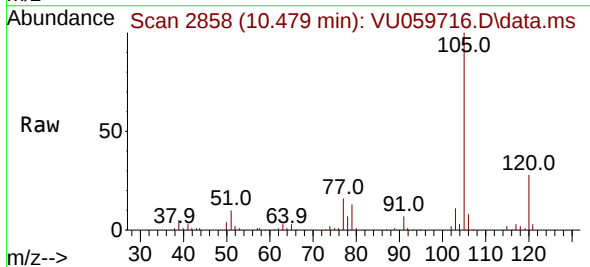
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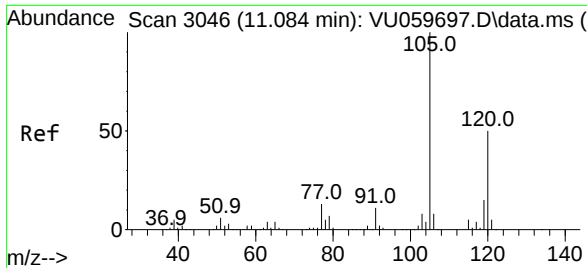
Tgt Ion:106 Resp: 47562
Ion Ratio Lower Upper
106 100
91 215.0 151.6 281.6



#60
Isopropylbenzene
Concen: 0.885 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. 0.000 min
Lab File: VU059716.D
Acq: 02 Jul 2024 04:04

Tgt Ion:105 Resp: 63047
Ion Ratio Lower Upper
105 100
120 27.3 20.6 31.0
77 16.8 12.8 19.2

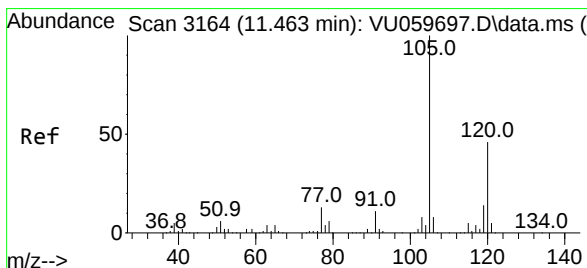
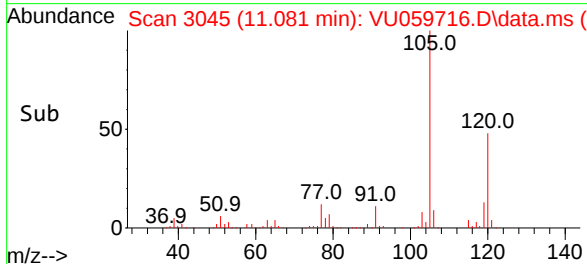
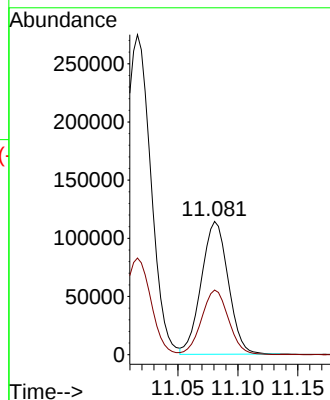
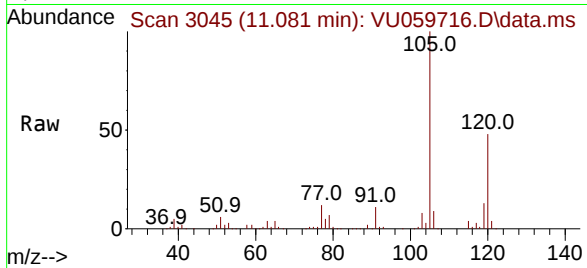




#62
1,3,5-Trimethylbenzene
Concen: 3.166 ug/L
RT: 11.081 min Scan# 3046
Delta R.T. -0.003 min
Lab File: VU059716.D
Acq: 02 Jul 2024 04:04

Instrument :
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COBMO

Tgt Ion:105 Resp: 178580
Ion Ratio Lower Upper
105 100
120 48.5 38.2 57.4



#63
1,2,4-Trimethylbenzene
Concen: 9.617 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. -0.003 min
Lab File: VU059716.D
Acq: 02 Jul 2024 04:04

Tgt Ion:105 Resp: 518695
Ion Ratio Lower Upper
105 100
120 45.7 35.4 53.0

