

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070124\
 Data File : VU059704.D
 Acq On : 01 Jul 2024 23:17
 Operator : MD/SY
 Sample : P3121-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 02 03:55:32 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)

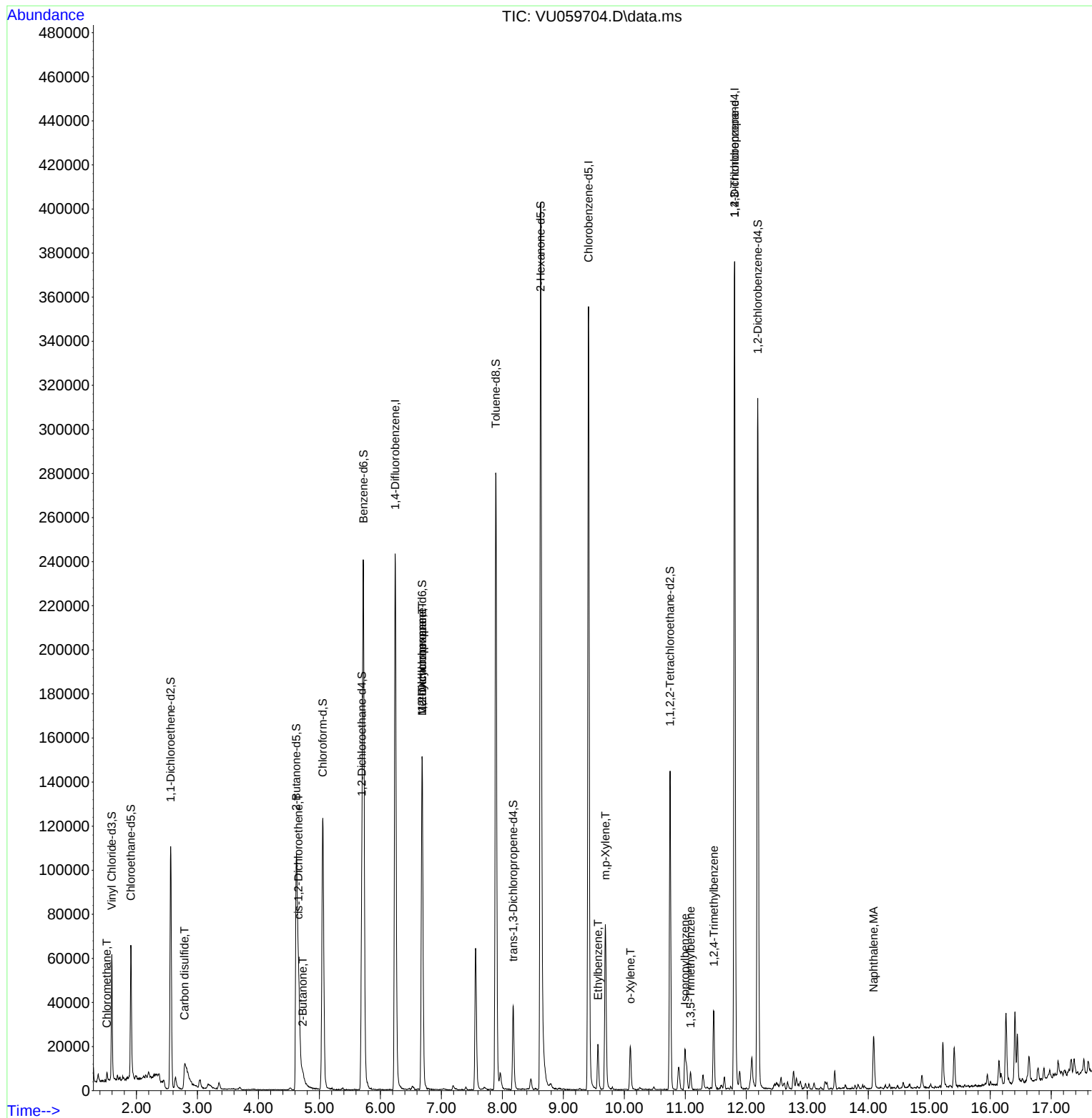
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	214857	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	212932	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	108215	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	40245	2.694	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	53.800%
7) Chloroethane-d5	1.907	69	46098	3.207	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	64.200%#
11) 1,1-Dichloroethene-d2	2.560	65	20252	3.267	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.400%
20) 2-Butanone-d5	4.621	46	182155	59.190	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.380%
24) Chloroform-d	5.052	84	118417	3.862	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.200%
26) 1,2-Dichloroethane-d4	5.695	65	61726	4.179	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.600%
32) Benzene-d6	5.721	84	233636	3.987	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.800%
36) 1,2-Dichloropropane-d6	6.682	67	75504	4.205	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.000%
41) Toluene-d8	7.891	98	199198	3.656	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.200%
43) trans-1,3-Dichloroprop...	8.177	79	23292	4.142	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.800%
46) 2-Hexanone-d5	8.627	63	148898	63.731	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	127.460%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	70840	4.775	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	88407	4.590	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.800%
Target Compounds						Qvalue
3) Chloromethane	1.515	50	2902	0.148	ug/L	95
14) Carbon disulfide	2.788	76	7777	0.153	ug/L #	87
21) 2-Butanone	4.724	43	8372	2.615	ug/L	98
22) cis-1,2-Dichloroethene	4.657	96	13483	0.772	ug/L	85
35) Methylcyclohexane	6.685	83	17743	0.712	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	7764	0.464	ug/L #	90
52) Ethylbenzene	9.566	91	14817	0.211	ug/L	97
53) m,p-Xylene	9.688	106	24169	0.896	ug/L	99
54) o-Xylene	10.100	106	6024	0.235	ug/L	90
60) Isopropylbenzene	10.994	105	18978	0.284	ug/L	92
61) 1,2,3-Trichloropropane	11.807	75	11796	1.180	ug/L #	71
62) 1,3,5-Trimethylbenzene	11.084	105	5077	0.096	ug/L	97
63) 1,2,4-Trimethylbenzene	11.467	105	21206	0.419	ug/L	100
71) Naphthalene	14.087	128	22890	0.828	ug/L	99

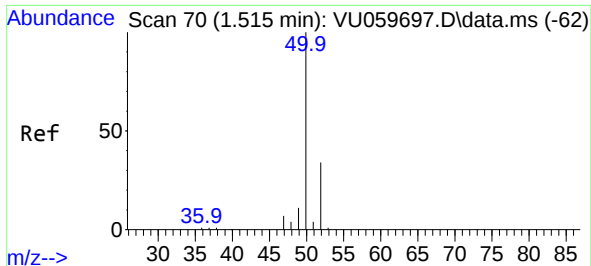
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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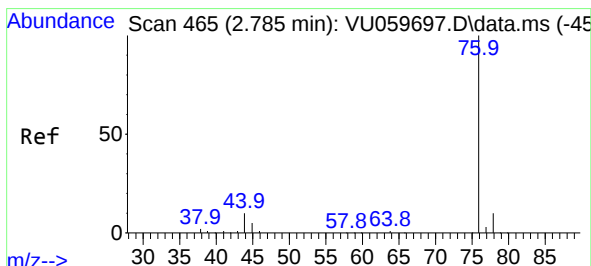
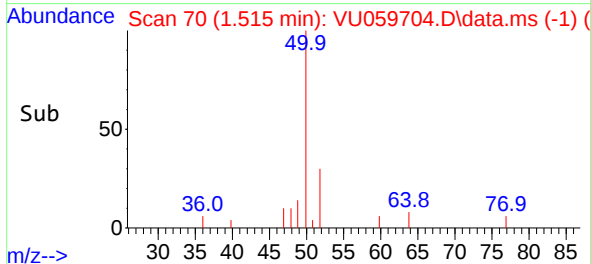
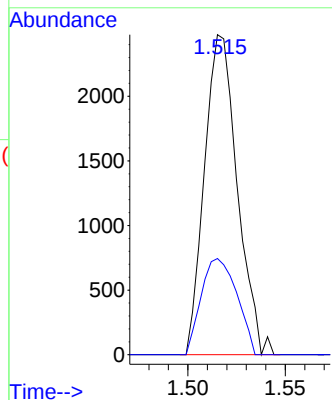
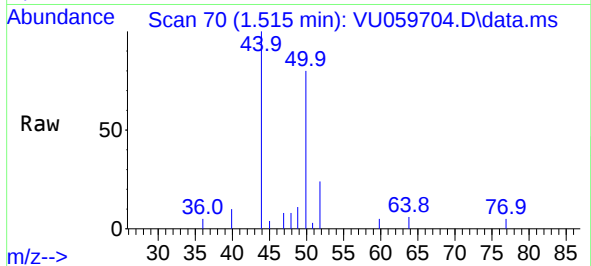




#3
Chloromethane
Concen: 0.148 ug/L
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU059704.D
Acq: 01 Jul 2024 23:17

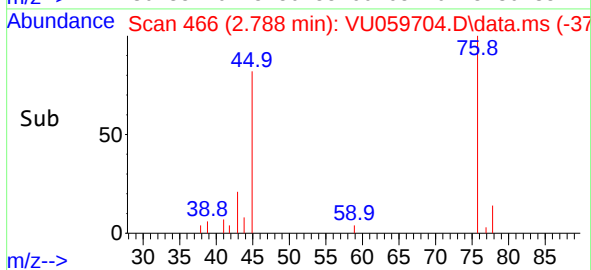
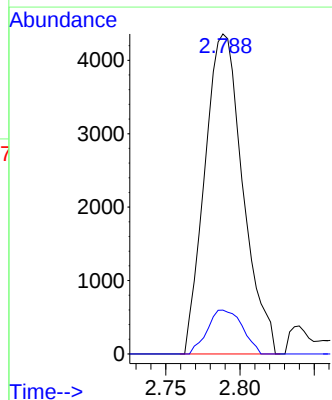
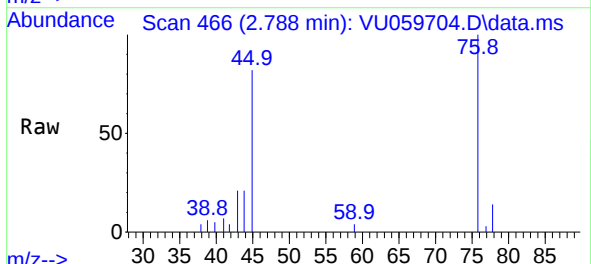
Instrument :
MSVOA_U
ClientSampleId :

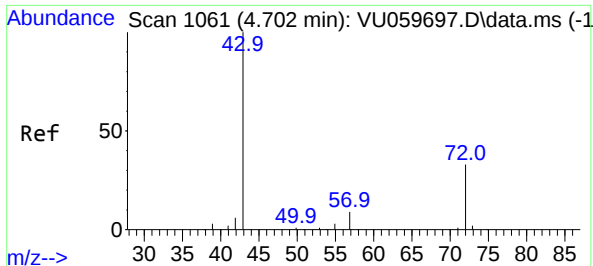
Tgt Ion: 50 Resp: 2902
Ion Ratio Lower Upper
50 100
52 30.0 23.2 43.0



#14
Carbon disulfide
Concen: 0.153 ug/L
RT: 2.788 min Scan# 466
Delta R.T. 0.003 min
Lab File: VU059704.D
Acq: 01 Jul 2024 23:17

Tgt Ion: 76 Resp: 7777
Ion Ratio Lower Upper
76 100
78 13.7 7.3 10.9#

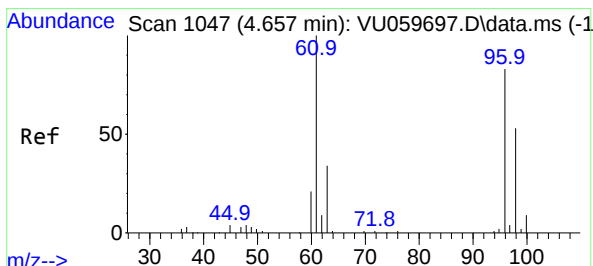
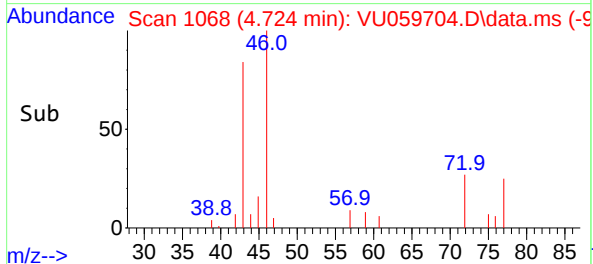
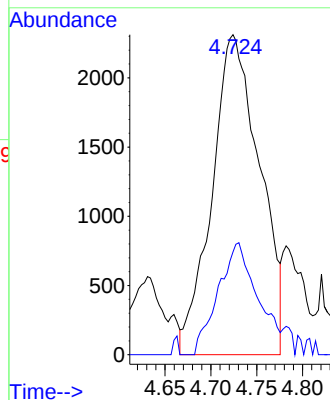
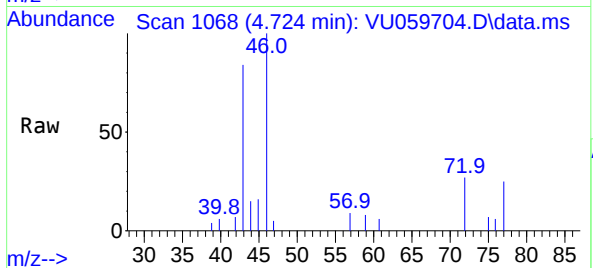




#21
2-Butanone
Concen: 2.615 ug/L
RT: 4.724 min Scan# 1068
Delta R.T. 0.026 min
Lab File: VU059704.D
Acq: 01 Jul 2024 23:17

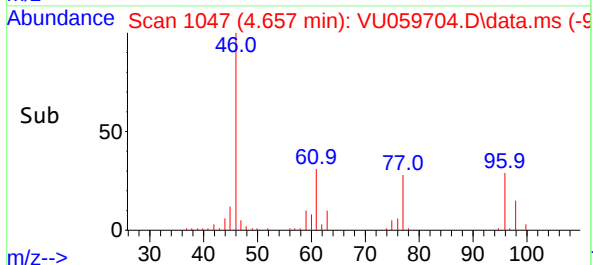
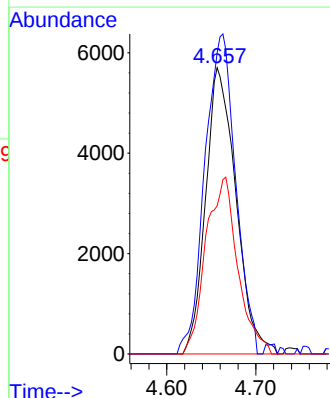
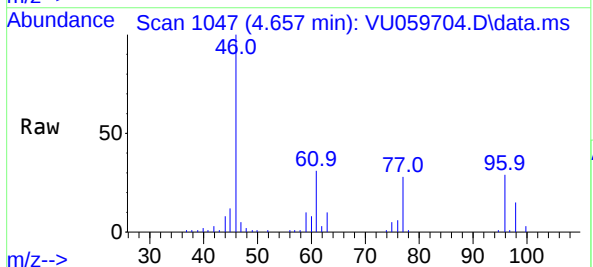
Instrument :
MSVOA_U
ClientSampleId :

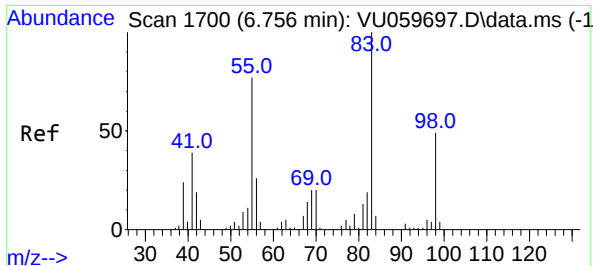
Tgt Ion: 43 Resp: 8372
Ion Ratio Lower Upper
43 100
72 28.9 13.8 41.4



#22
cis-1,2-Dichloroethene
Concen: 0.772 ug/L
RT: 4.657 min Scan# 1047
Delta R.T. -0.003 min
Lab File: VU059704.D
Acq: 01 Jul 2024 23:17

Tgt Ion: 96 Resp: 13483
Ion Ratio Lower Upper
96 100
61 105.2 87.4 162.2
98 51.8 42.3 78.5

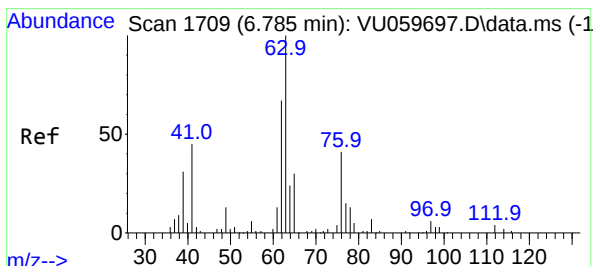
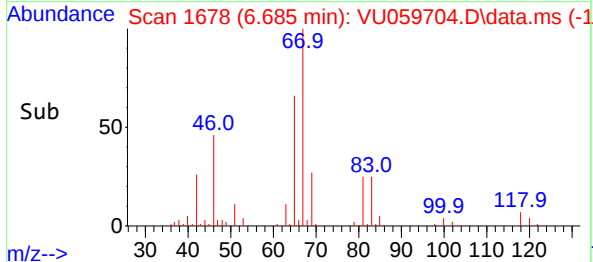
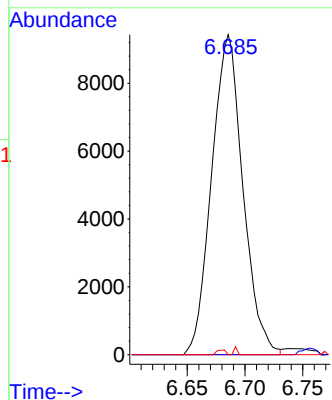
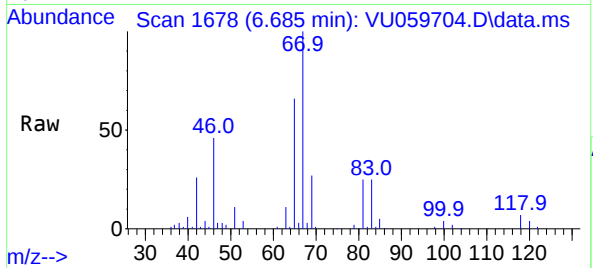




#35
Methylcyclohexane
Concen: 0.712 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.071 min
Lab File: VU059704.D
Acq: 01 Jul 2024 23:17

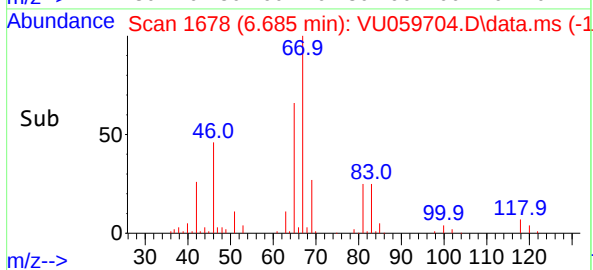
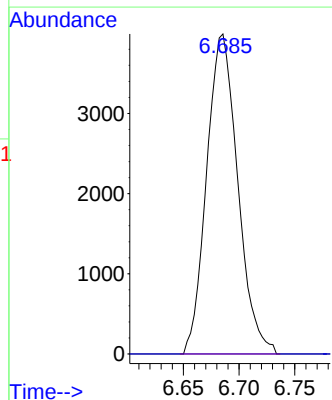
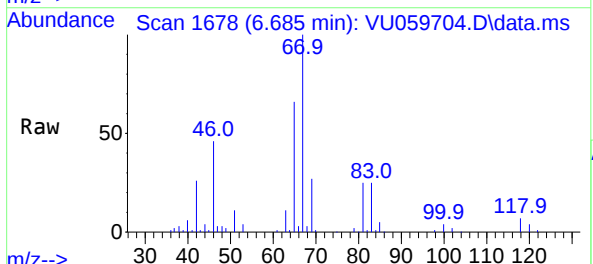
Instrument :
MSVOA_U
ClientSampleId :

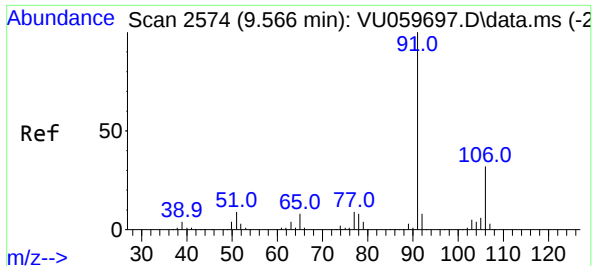
Tgt Ion: 83 Resp: 17743
Ion Ratio Lower Upper
83 100
55 0.0 62.7 94.1#
98 0.4 35.4 53.0#



#37
1,2-Dichloropropane
Concen: 0.464 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.099 min
Lab File: VU059704.D
Acq: 01 Jul 2024 23:17

Tgt Ion: 63 Resp: 7764
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#

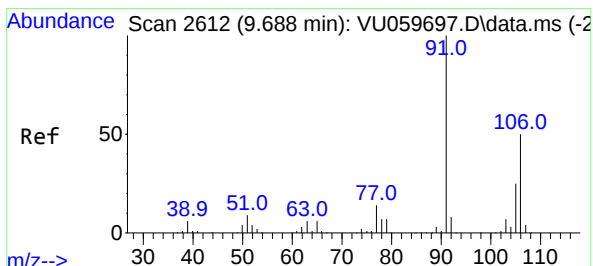
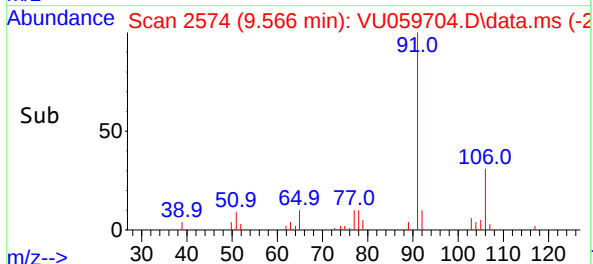
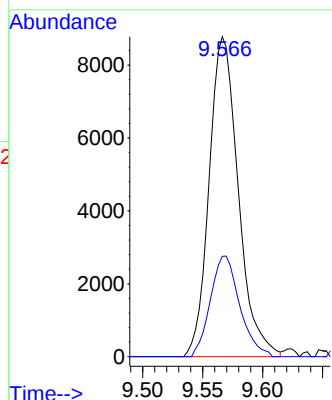
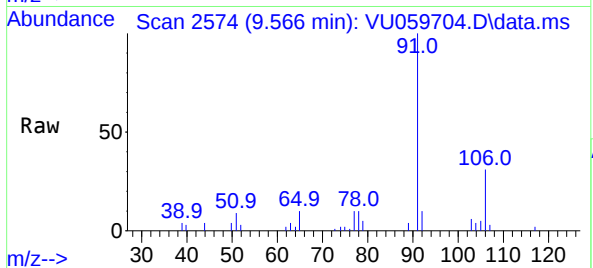




#52
Ethylbenzene
Concen: 0.211 ug/L
RT: 9.566 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU059704.D
Acq: 01 Jul 2024 23:17

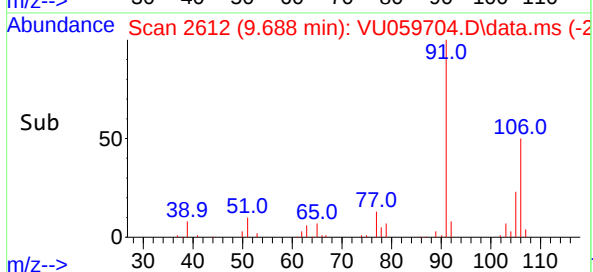
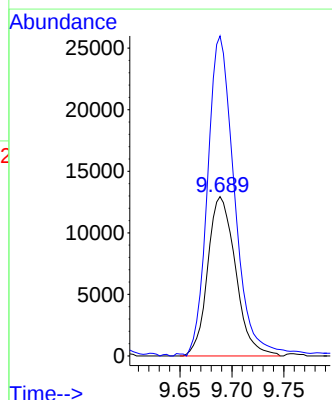
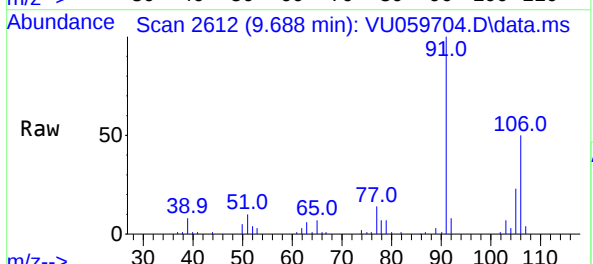
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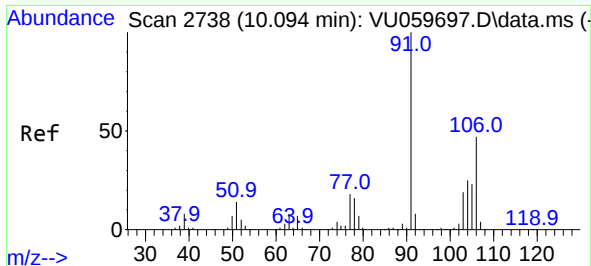
Tgt Ion: 91 Resp: 14817
Ion Ratio Lower Upper
91 100
106 31.4 20.9 38.7



#53
m,p-Xylene
Concen: 0.896 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU059704.D
Acq: 01 Jul 2024 23:17

Tgt Ion: 106 Resp: 24169
Ion Ratio Lower Upper
106 100
91 200.7 142.0 263.8

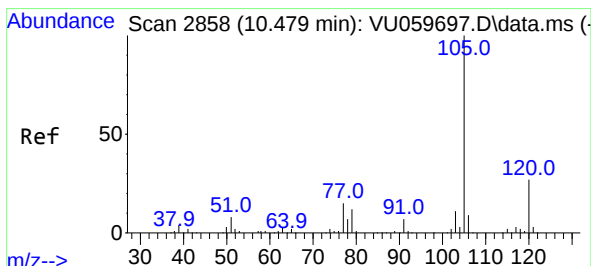
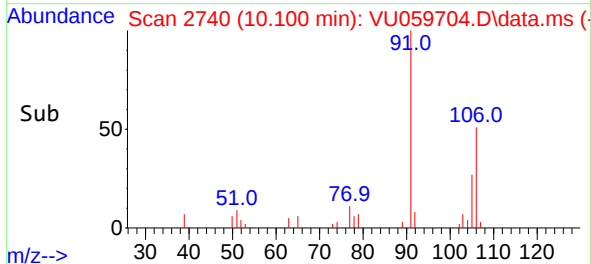
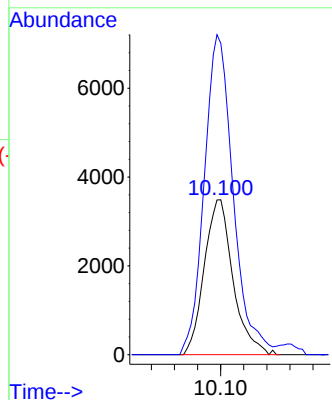
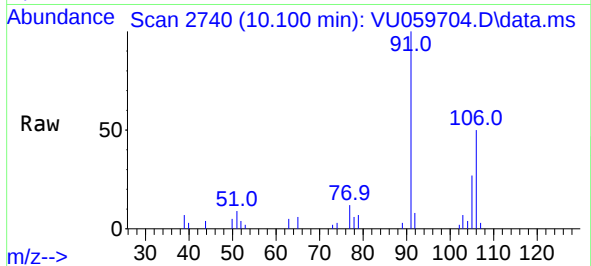




#54
o-Xylene
Concen: 0.235 ug/L
RT: 10.100 min Scan# 21
Delta R.T. 0.007 min
Lab File: VU059704.D
Acq: 01 Jul 2024 23:17

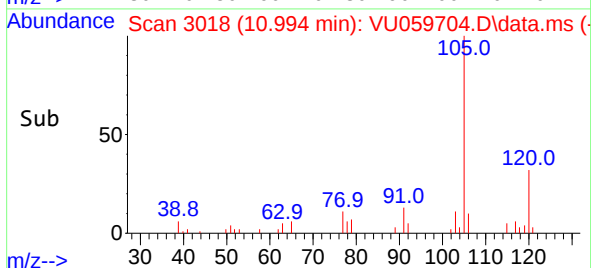
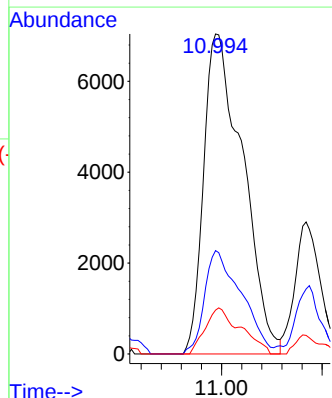
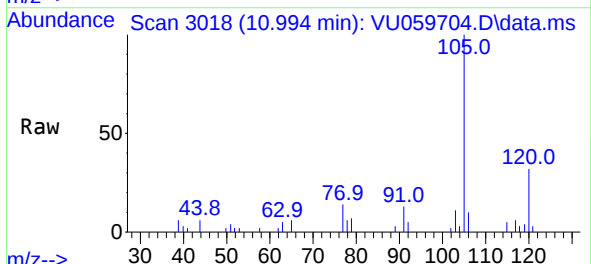
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ClientSampleId :

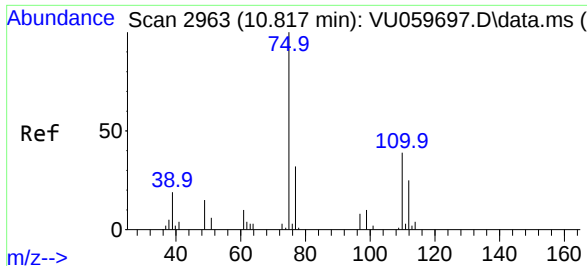
Tgt Ion:106 Resp: 6024
Ion Ratio Lower Upper
106 100
91 200.9 151.6 281.6



#60
Isopropylbenzene
Concen: 0.284 ug/L
RT: 10.994 min Scan# 3018
Delta R.T. 0.515 min
Lab File: VU059704.D
Acq: 01 Jul 2024 23:17

Tgt Ion:105 Resp: 18978
Ion Ratio Lower Upper
105 100
120 30.5 20.6 31.0
77 13.1 12.8 19.2

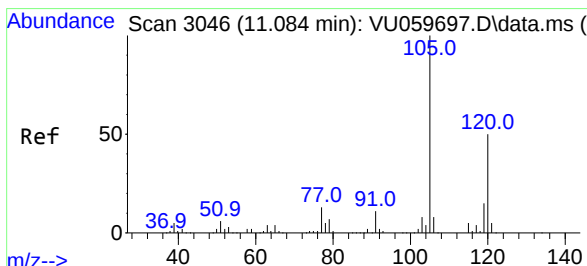
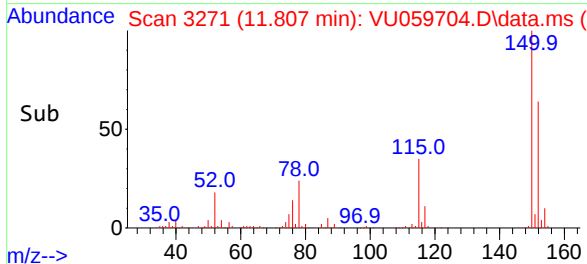
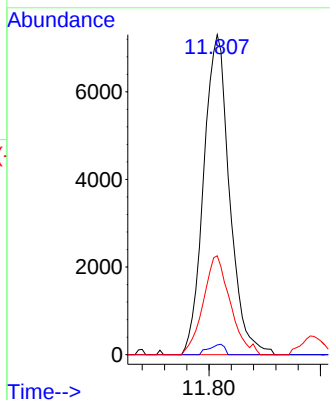
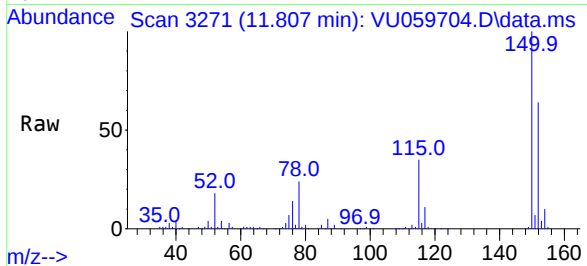




#61
1,2,3-Trichloropropane
Concen: 1.180 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.991 min
Lab File: VU059704.D
Acq: 01 Jul 2024 23:17

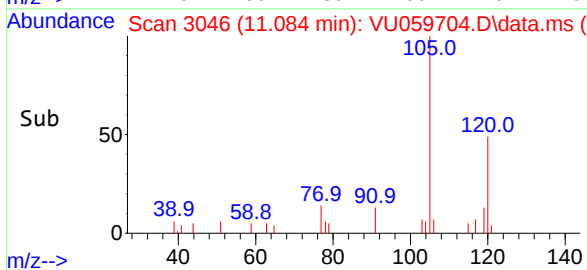
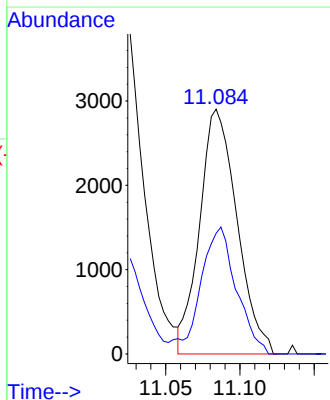
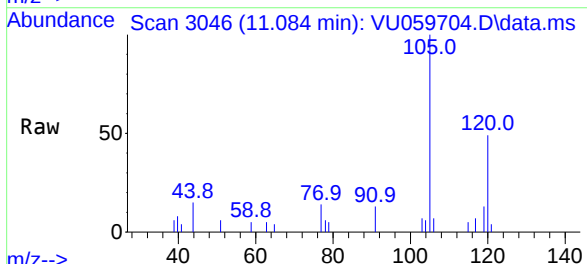
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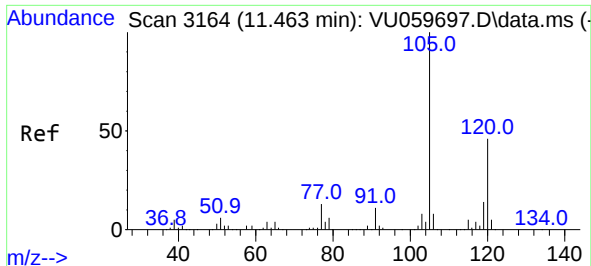
Tgt Ion: 75 Resp: 11796
Ion Ratio Lower Upper
75 100
110 2.0 27.1 40.7#
77 32.3 25.4 38.2



#62
1,3,5-Trimethylbenzene
Concen: 0.096 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. 0.000 min
Lab File: VU059704.D
Acq: 01 Jul 2024 23:17

Tgt Ion:105 Resp: 5077
Ion Ratio Lower Upper
105 100
120 49.8 38.2 57.4

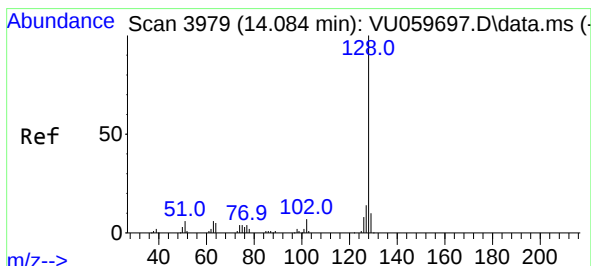
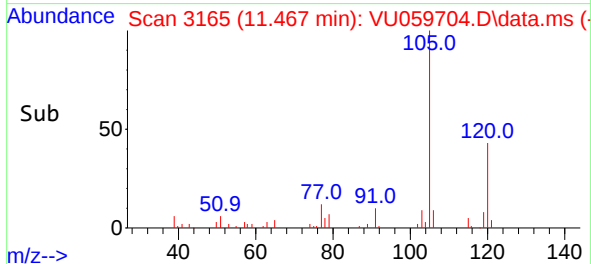
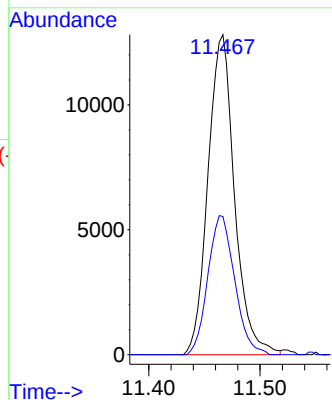
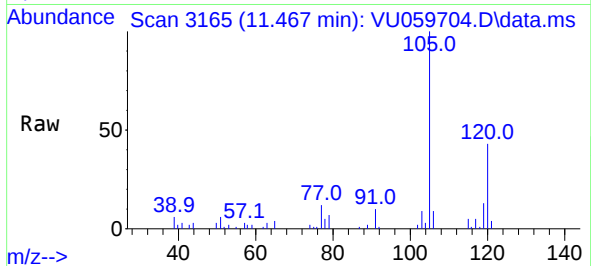




#63
1,2,4-Trimethylbenzene
Concen: 0.419 ug/L
RT: 11.467 min Scan# 3164
Delta R.T. 0.003 min
Lab File: VU059704.D
Acq: 01 Jul 2024 23:17

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:105 Resp: 21206
Ion Ratio Lower Upper
105 100
120 43.9 35.4 53.0



#71
Naphthalene
Concen: 0.828 ug/L
RT: 14.087 min Scan# 3980
Delta R.T. 0.003 min
Lab File: VU059704.D
Acq: 01 Jul 2024 23:17

Tgt Ion:128 Resp: 22890
Ion Ratio Lower Upper
128 100
129 9.8 8.2 12.4
127 12.7 10.2 15.4

