

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070124\
 Data File : VU059705.D
 Acq On : 01 Jul 2024 23:41
 Operator : MD/SY
 Sample : P3121-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 02 03:55:39 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)

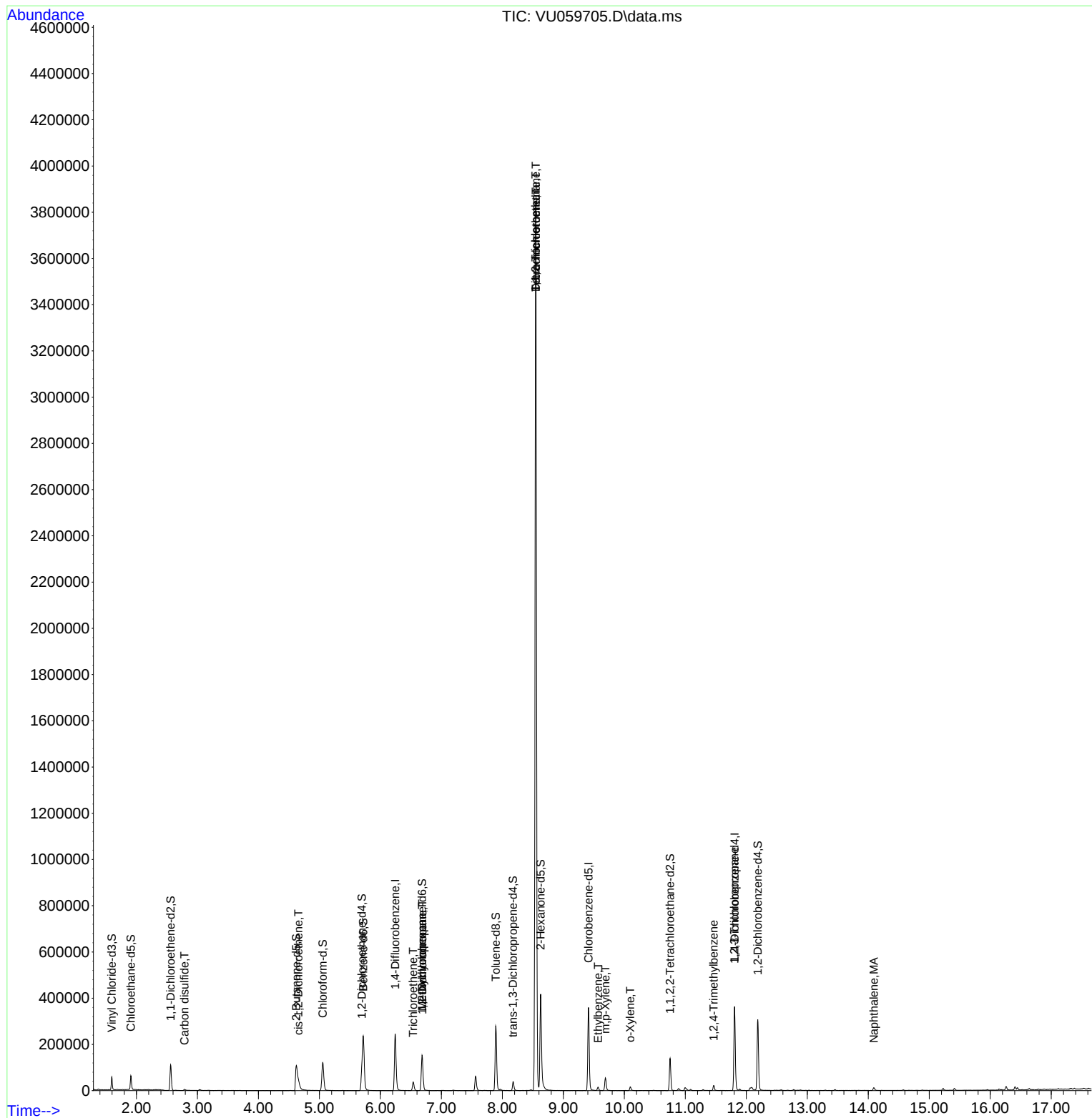
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	213053	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	213066	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	105439	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	40231	2.716	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	54.400%
7) Chloroethane-d5	1.908	69	45876	3.218	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	64.400%#
11) 1,1-Dichloroethene-d2	2.560	65	20148	3.278	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.600%
20) 2-Butanone-d5	4.621	46	181000	59.313	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.620%
24) Chloroform-d	5.055	84	118955	3.912	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.200%
26) 1,2-Dichloroethane-d4	5.695	65	61662	4.210	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.200%
32) Benzene-d6	5.718	84	232146	3.959	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.200%
36) 1,2-Dichloropropane-d6	6.682	67	76722	4.270	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.400%
41) Toluene-d8	7.891	98	199987	3.669	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.400%
43) trans-1,3-Dichloroprop...	8.174	79	23487	4.174	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.400%
46) 2-Hexanone-d5	8.628	63	154114	65.922	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	131.840%#
56) 1,1,2,2-Tetrachloroeth...	10.750	84	70583	4.754	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	87435	4.659	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.200%
Target Compounds						Qvalue
14) Carbon disulfide	2.789	76	6314	0.125	ug/L	99
22) cis-1,2-Dichloroethene	4.657	96	9080	0.524	ug/L	93
34) Trichloroethene	6.538	95	12728	0.726	ug/L	92
35) Methylcyclohexane	6.682	83	17618	0.707	ug/L #	19
37) 1,2-Dichloropropane	6.689	63	8202	0.490	ug/L #	90
45) 1,1,2-Trichloroethane	8.544	97	6592	0.534	ug/L #	1
47) Tetrachloroethene	8.547	164	893138	65.686	ug/L	95
49) Dibromochloromethane	8.547	129	814660	59.602	ug/L #	12
52) Ethylbenzene	9.566	91	11818	0.168	ug/L	96
53) m,p-Xylene	9.689	106	17328	0.642	ug/L	98
54) o-Xylene	10.097	106	4731	0.185	ug/L	90
61) 1,2,3-Trichloropropane	11.804	75	11654	1.196	ug/L #	70
63) 1,2,4-Trimethylbenzene	11.463	105	13003	0.264	ug/L	97
71) Naphthalene	14.090	128	12078	0.449	ug/L #	96

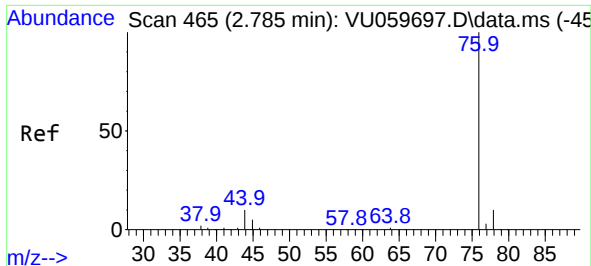
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070124\
Data File : VU059705.D
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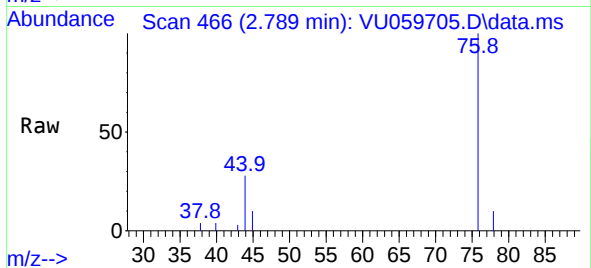
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jun 29 01:51:23 2024
Response via : Initial Calibration



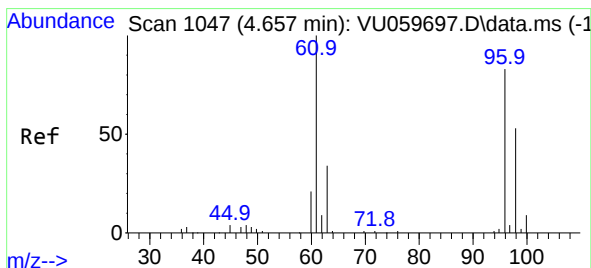
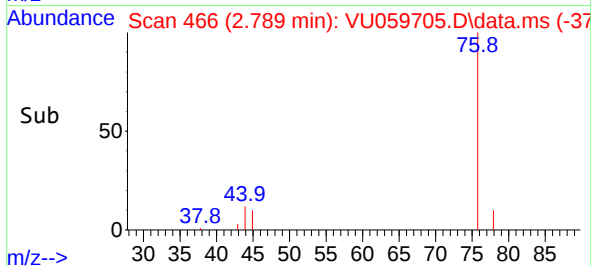
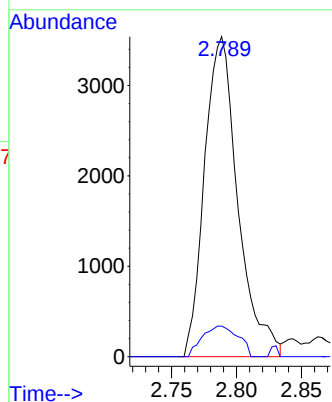


#14
Carbon disulfide
Concen: 0.125 ug/L
RT: 2.789 min Scan# 466
Delta R.T. 0.003 min
Lab File: VU059705.D
Acq: 01 Jul 2024 23:41

Instrument :
MSVOA_U
ClientSampleId :

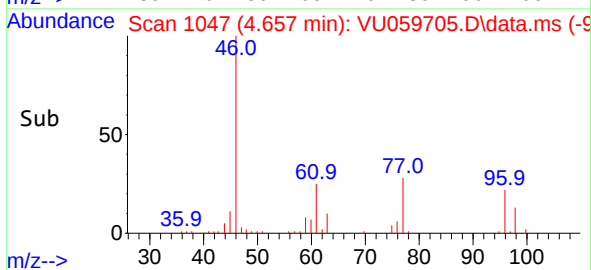
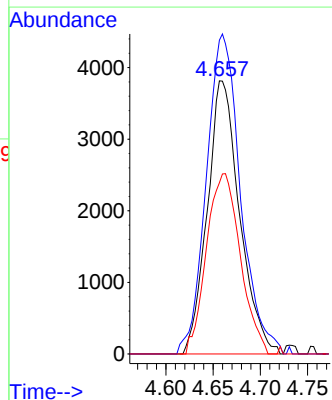
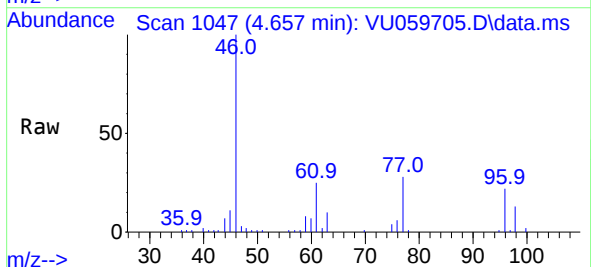


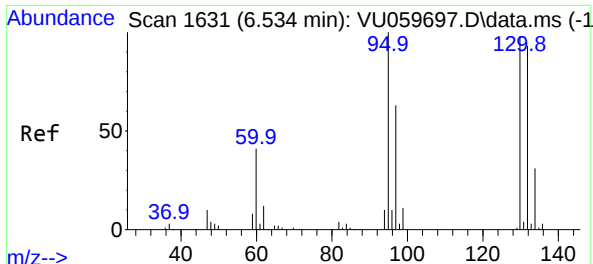
Tgt Ion: 76 Resp: 6314
Ion Ratio Lower Upper
76 100
78 9.6 7.3 10.9



#22
cis-1,2-Dichloroethene
Concen: 0.524 ug/L
RT: 4.657 min Scan# 1047
Delta R.T. -0.003 min
Lab File: VU059705.D
Acq: 01 Jul 2024 23:41

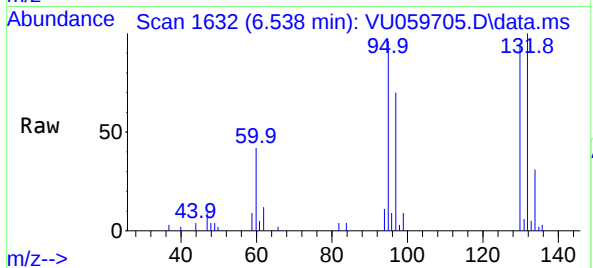
Tgt Ion: 96 Resp: 9080
Ion Ratio Lower Upper
96 100
61 114.9 87.4 162.2
98 62.7 42.3 78.5



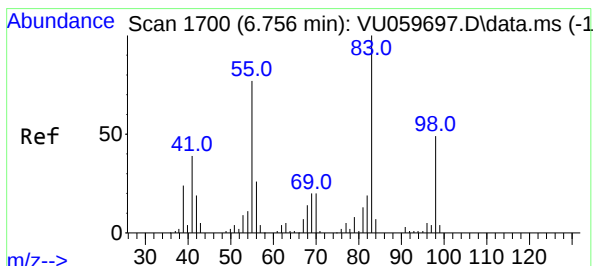
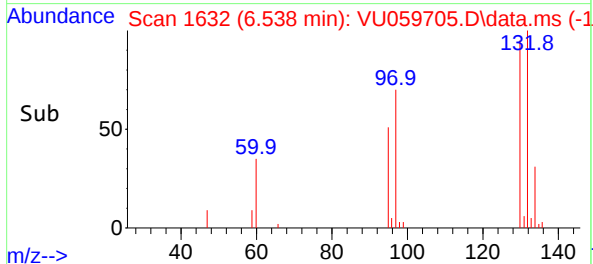
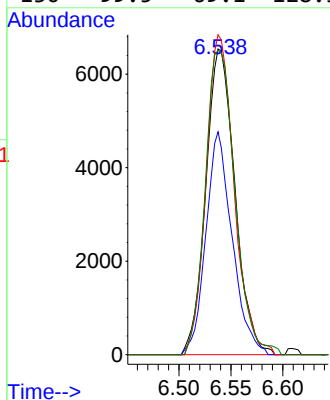


#34
Trichloroethene
Concen: 0.726 ug/L
RT: 6.538 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VU059705.D
Acq: 01 Jul 2024 23:41

Instrument :
MSVOA_U
ClientSampleId :

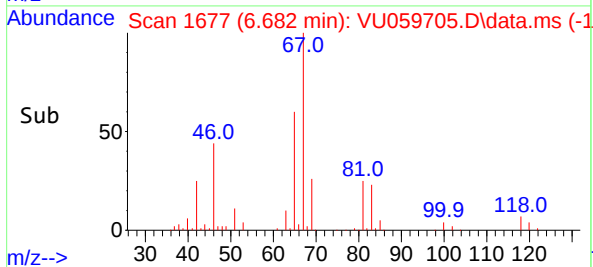
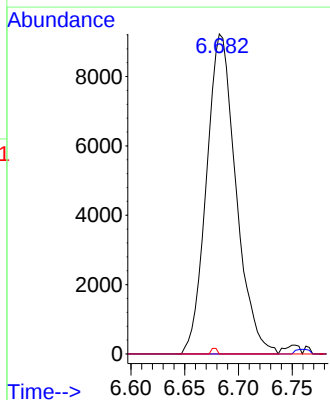
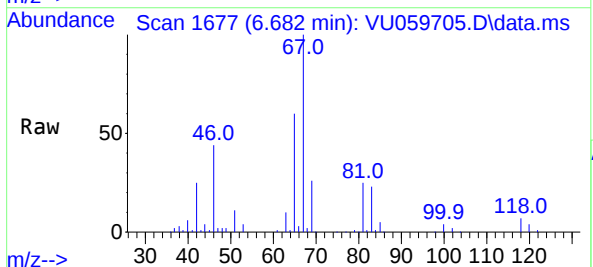


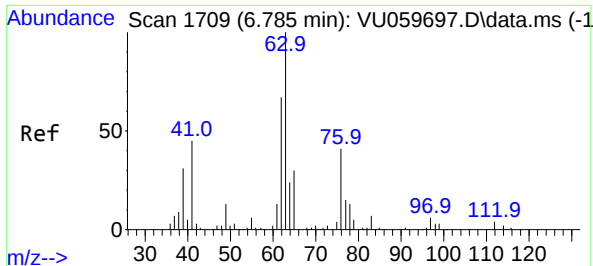
Tgt Ion: 95 Resp: 12728
Ion Ratio Lower Upper
95 100
97 72.9 45.3 84.1
132 104.7 64.0 119.0
130 99.5 69.1 128.3



#35
Methylcyclohexane
Concen: 0.707 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU059705.D
Acq: 01 Jul 2024 23:41

Tgt Ion: 83 Resp: 17618
Ion Ratio Lower Upper
83 100
55 0.7 62.7 94.1#
98 0.4 35.4 53.0#

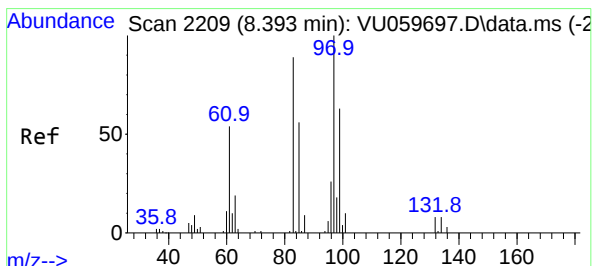
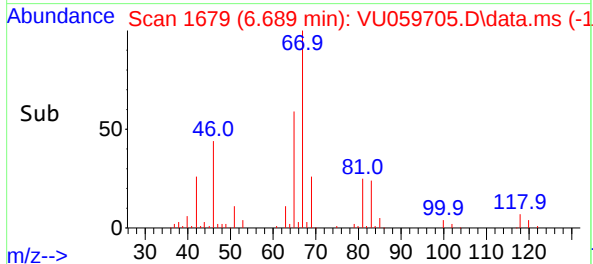
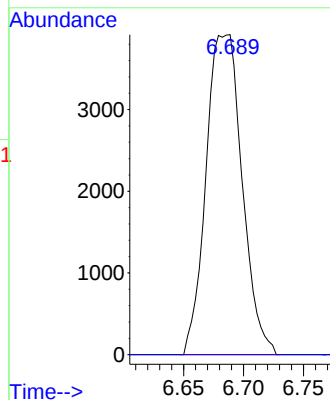
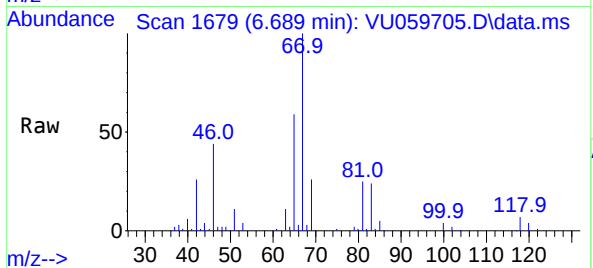




#37
1,2-Dichloropropane
Concen: 0.490 ug/L
RT: 6.689 min Scan# 1
Delta R.T. -0.096 min
Lab File: VU059705.D
Acq: 01 Jul 2024 23:41

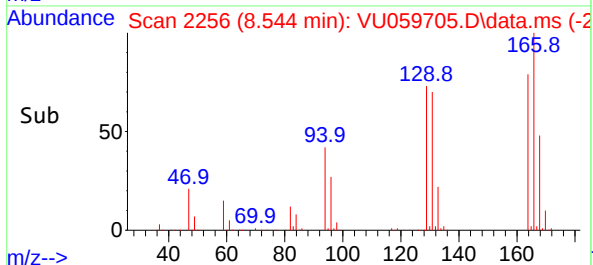
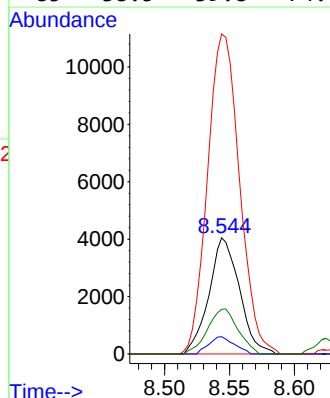
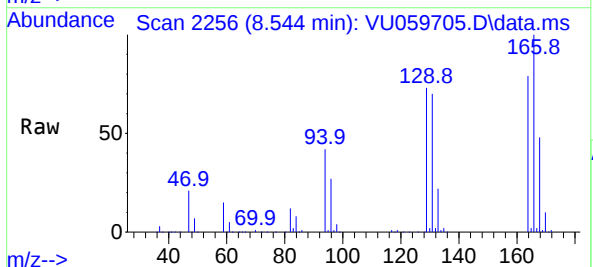
Instrument :
MSVOA_U
ClientSampleId :

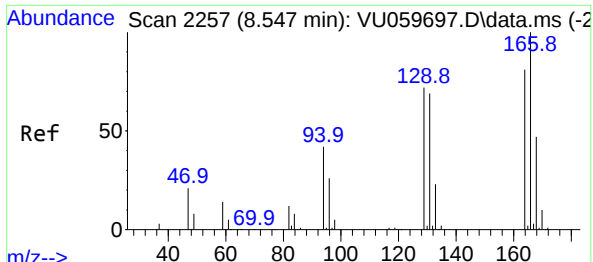
Tgt Ion: 63 Resp: 8202
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#



#45
1,1,2-Trichloroethane
Concen: 0.534 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. 0.151 min
Lab File: VU059705.D
Acq: 01 Jul 2024 23:41

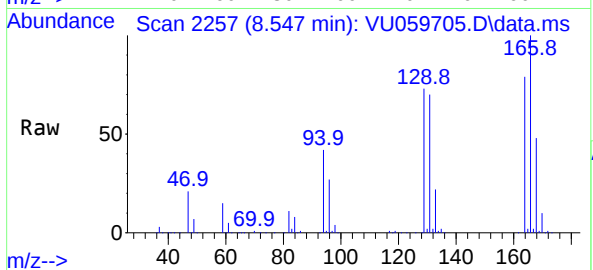
Tgt Ion: 97 Resp: 6592
Ion Ratio Lower Upper
97 100
99 14.9 43.3 80.3#
83 275.4 62.3 115.7#
85 38.5 39.8 74.0#



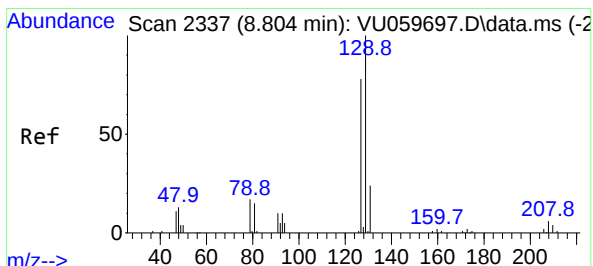
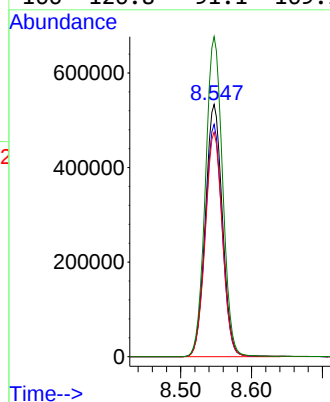
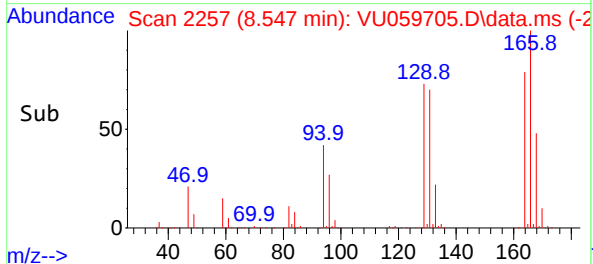


#47
Tetrachloroethene
Concen: 65.686 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU059705.D
Acq: 01 Jul 2024 23:41

Instrument :
MSVOA_U
ClientSampleId :

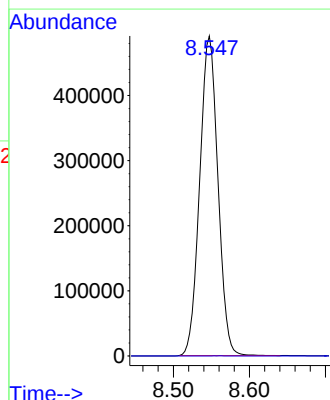
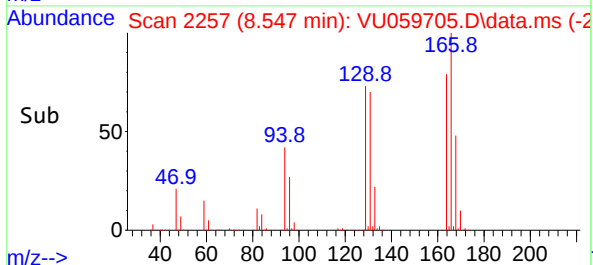
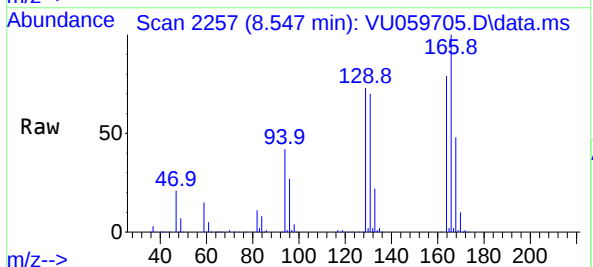


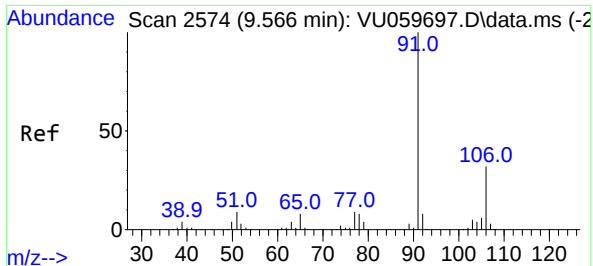
Tgt Ion:164 Resp: 893138
Ion Ratio Lower Upper
164 100
129 92.1 70.8 131.4
131 89.0 64.8 120.3
166 126.8 91.1 169.1



#49
Dibromochloromethane
Concen: 59.602 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.254 min
Lab File: VU059705.D
Acq: 01 Jul 2024 23:41

Tgt Ion:129 Resp: 814660
Ion Ratio Lower Upper
129 100
127 0.0 52.5 97.5#

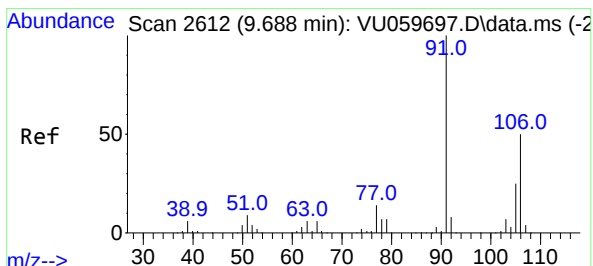
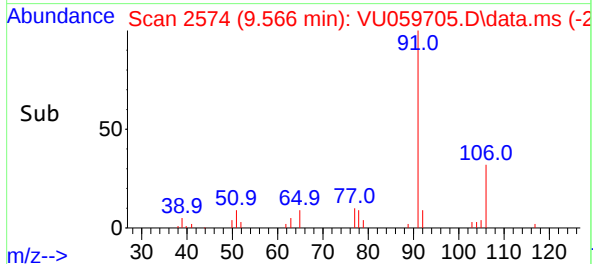
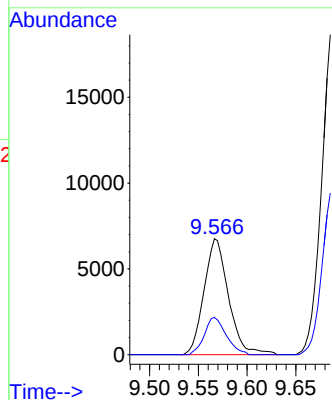
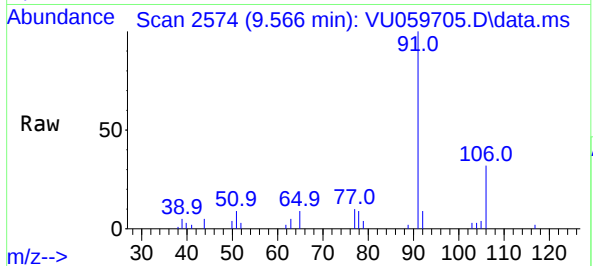




#52
Ethylbenzene
Concen: 0.168 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. 0.003 min
Lab File: VU059705.D
Acq: 01 Jul 2024 23:41

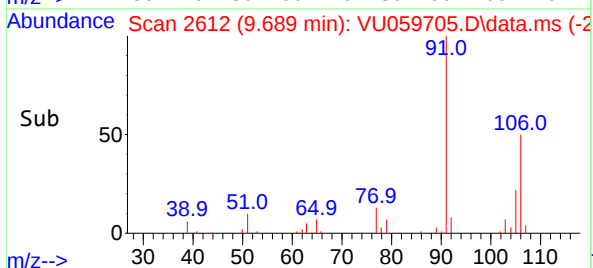
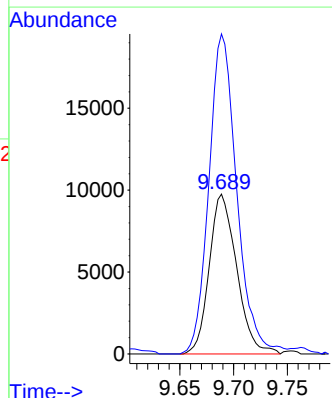
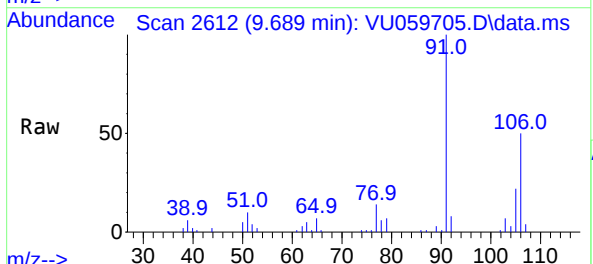
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ClientSampleId :

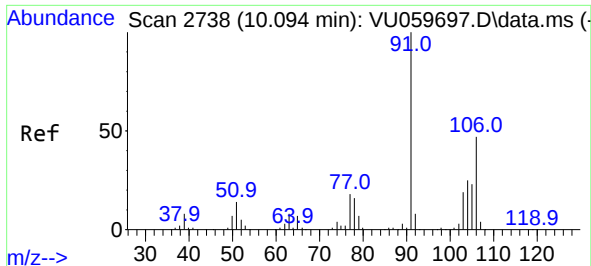
Tgt Ion: 91 Resp: 11818
Ion Ratio Lower Upper
91 100
106 32.1 20.9 38.7



#53
m,p-Xylene
Concen: 0.642 ug/L
RT: 9.689 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU059705.D
Acq: 01 Jul 2024 23:41

Tgt Ion:106 Resp: 17328
Ion Ratio Lower Upper
106 100
91 200.3 142.0 263.8

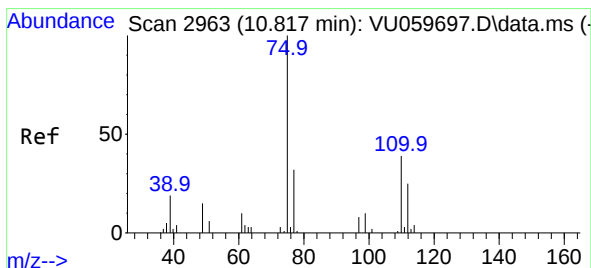
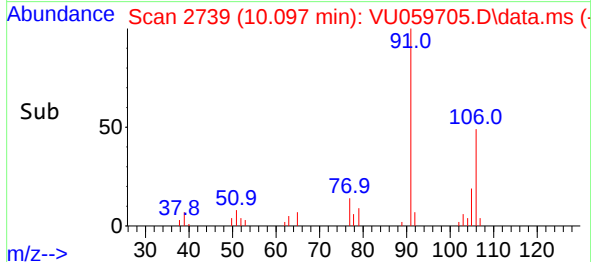
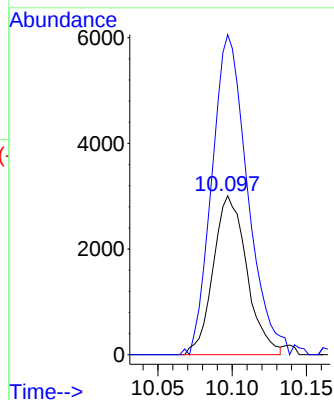
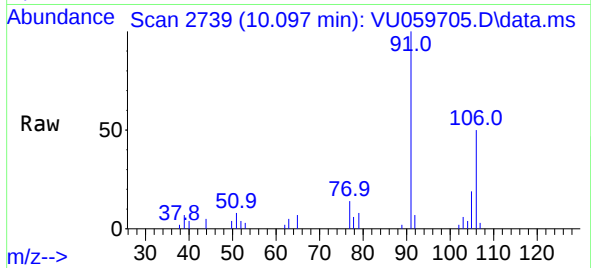




#54
o-Xylene
Concen: 0.185 ug/L
RT: 10.097 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU059705.D
Acq: 01 Jul 2024 23:41

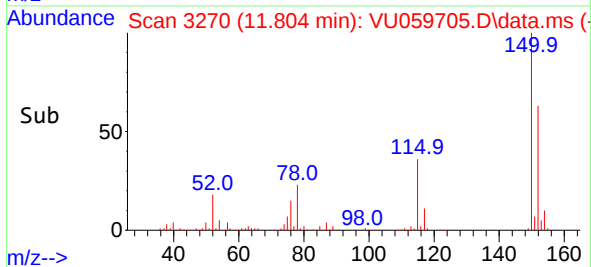
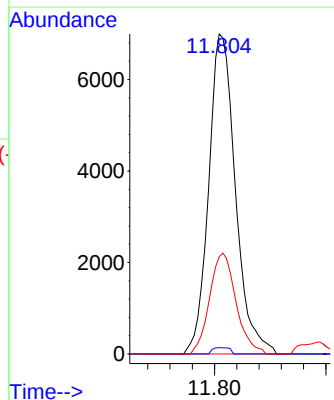
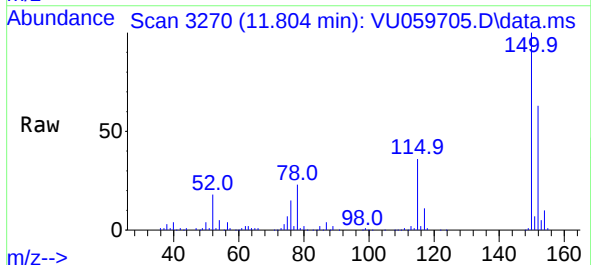
Instrument :
MSVOA_U
ClientSampleId :

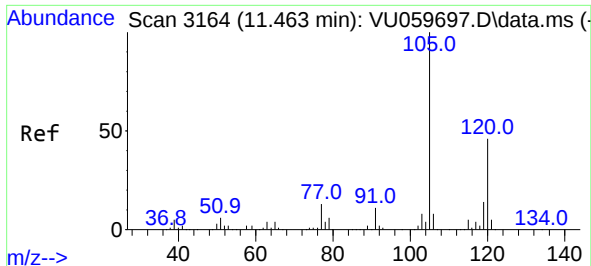
Tgt Ion:106 Resp: 4731
Ion Ratio Lower Upper
106 100
91 201.4 151.6 281.6



#61
1,2,3-Trichloropropane
Concen: 1.196 ug/L
RT: 11.804 min Scan# 3270
Delta R.T. 0.987 min
Lab File: VU059705.D
Acq: 01 Jul 2024 23:41

Tgt Ion: 75 Resp: 11654
Ion Ratio Lower Upper
75 100
110 1.3 27.1 40.7#
77 31.1 25.4 38.2

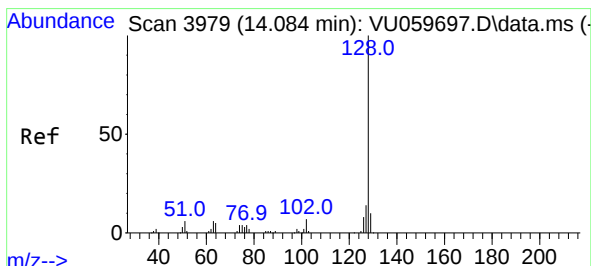
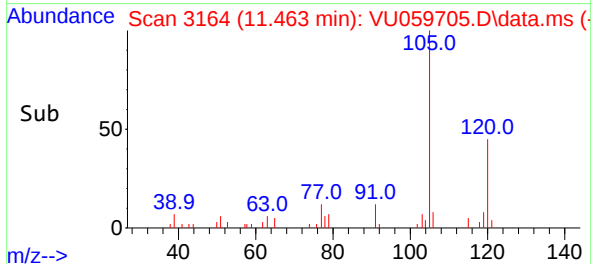
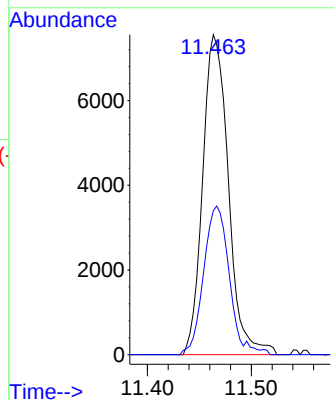
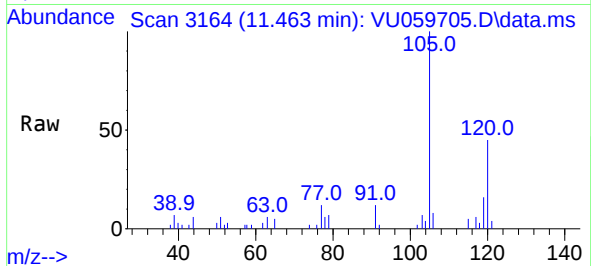




#63
1,2,4-Trimethylbenzene
Concen: 0.264 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VU059705.D
Acq: 01 Jul 2024 23:41

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:105 Resp: 13003
Ion Ratio Lower Upper
105 100
120 46.4 35.4 53.0



#71
Naphthalene
Concen: 0.449 ug/L
RT: 14.090 min Scan# 3981
Delta R.T. 0.007 min
Lab File: VU059705.D
Acq: 01 Jul 2024 23:41

Tgt Ion:128 Resp: 12078
Ion Ratio Lower Upper
128 100
129 7.4 8.2 12.4#
127 13.5 10.2 15.4

