

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070124\
 Data File : VU059706.D
 Acq On : 02 Jul 2024 00:05
 Operator : MD/SY
 Sample : P3121-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 02 03:55:48 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)

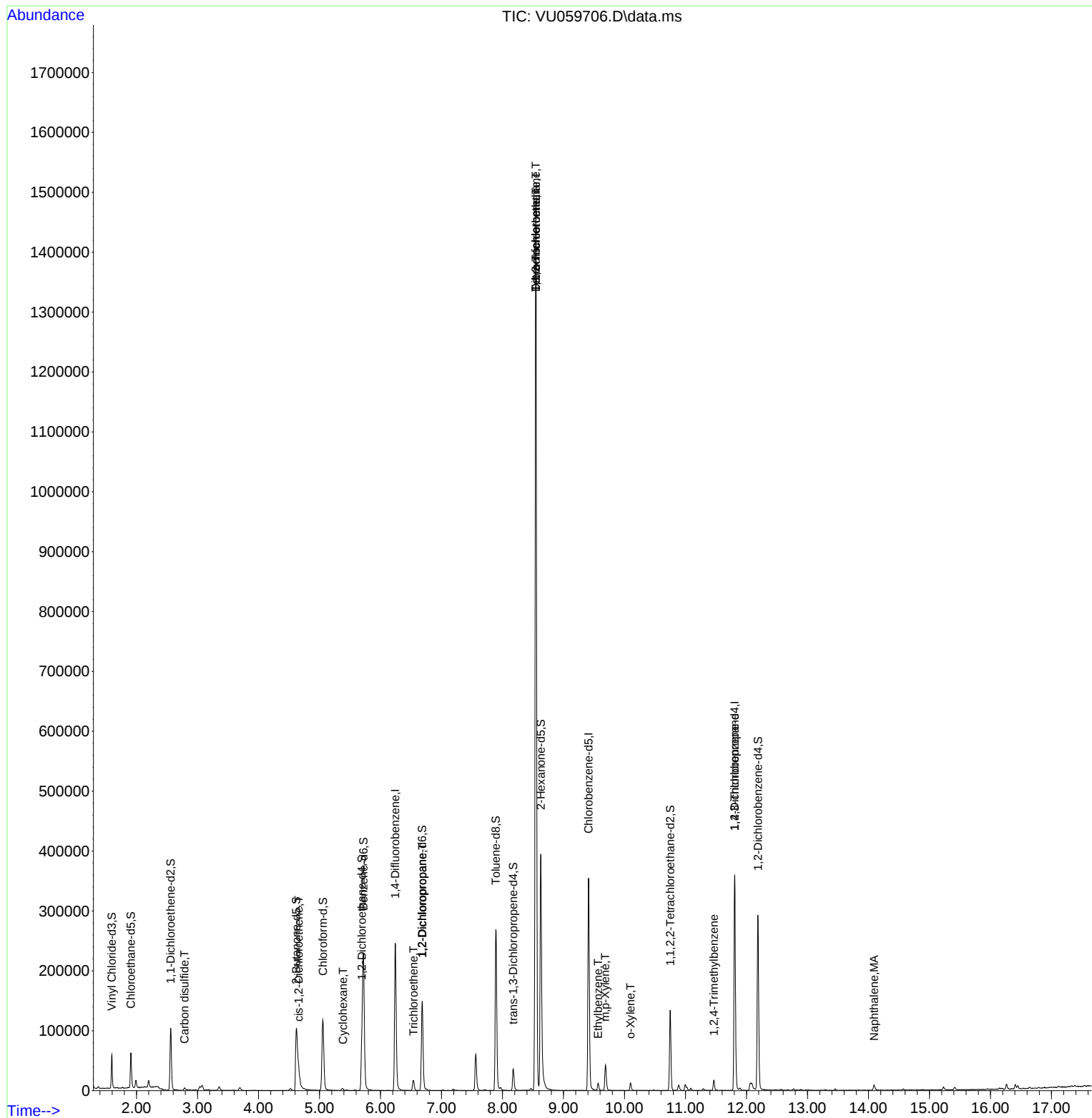
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	210700	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	209797	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	104294	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	39302	2.683	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	53.600%
7) Chloroethane-d5	1.907	69	45287	3.212	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	64.200%#
11) 1,1-Dichloroethene-d2	2.560	65	19711	3.243	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.800%
20) 2-Butanone-d5	4.621	46	173843	57.604	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.200%
24) Chloroform-d	5.055	84	113864	3.786	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.800%
26) 1,2-Dichloroethane-d4	5.695	65	60949	4.207	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.200%
32) Benzene-d6	5.721	84	225521	3.906	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.200%
36) 1,2-Dichloropropane-d6	6.682	67	73258	4.141	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.800%
41) Toluene-d8	7.891	98	191845	3.574	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.400%
43) trans-1,3-Dichloroprop...	8.177	79	22496	4.060	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.200%
46) 2-Hexanone-d5	8.627	63	143753	62.448	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	124.900%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	69170	4.732	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	84403	4.547	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.000%
Target Compounds						Qvalue
14) Carbon disulfide	2.788	76	5307	0.106	ug/L #	86
22) cis-1,2-Dichloroethene	4.660	96	7699	0.449	ug/L	93
30) Cyclohexane	5.383	56	1529	0.071	ug/L #	85
34) Trichloroethene	6.541	95	6124	0.355	ug/L	95
37) 1,2-Dichloropropane	6.685	63	7659	0.465	ug/L #	90
45) 1,1,2-Trichloroethane	8.547	97	2560	0.211	ug/L #	1
47) Tetrachloroethene	8.547	164	344066	25.699	ug/L	95
49) Dibromochloromethane	8.547	129	312441	23.215	ug/L #	12
52) Ethylbenzene	9.569	91	8961	0.130	ug/L	91
53) m,p-Xylene	9.685	106	13773	0.518	ug/L	95
54) o-Xylene	10.100	106	3674	0.146	ug/L	78
61) 1,2,3-Trichloropropane	11.807	75	11037	1.145	ug/L #	68
63) 1,2,4-Trimethylbenzene	11.466	105	10129	0.208	ug/L	100
71) Naphthalene	14.090	128	8528	0.320	ug/L #	92

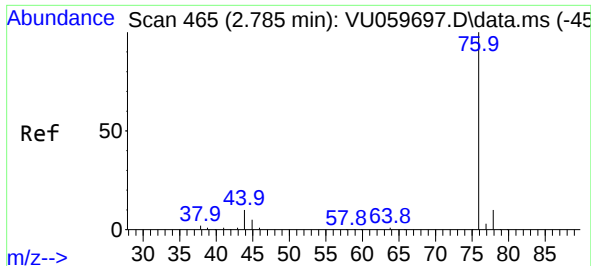
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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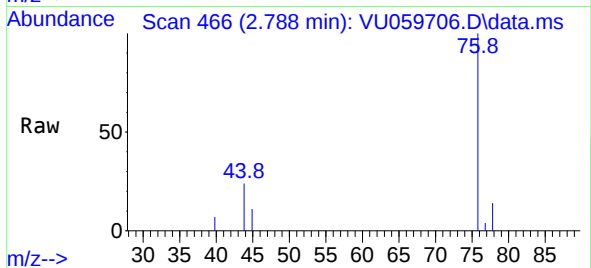
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0
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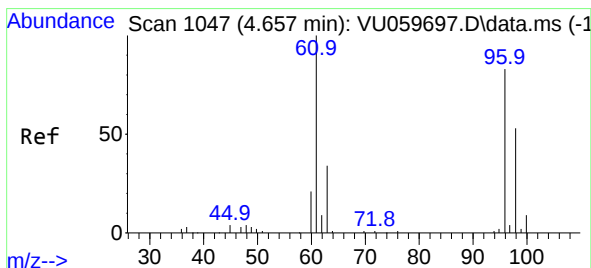
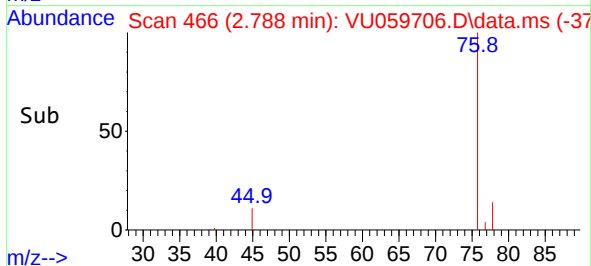
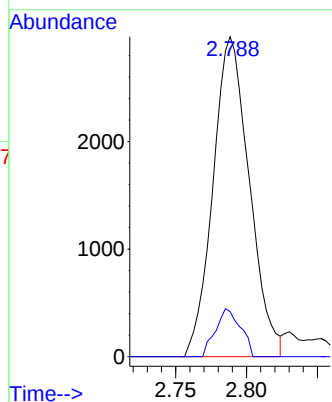


#14
Carbon disulfide
Concen: 0.106 ug/L
RT: 2.788 min Scan# 466
Delta R.T. 0.003 min
Lab File: VU059706.D
Acq: 02 Jul 2024 00:05

Instrument :
MSVOA_U
ClientSampleId :

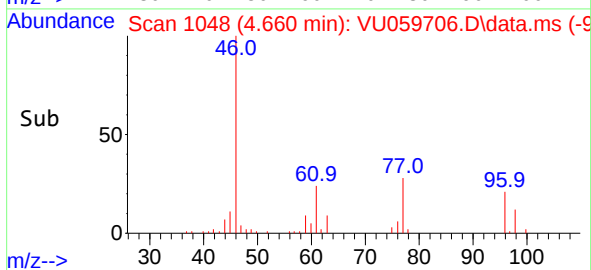
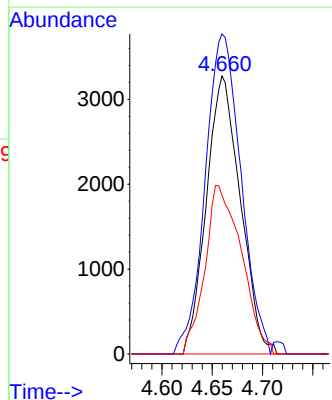
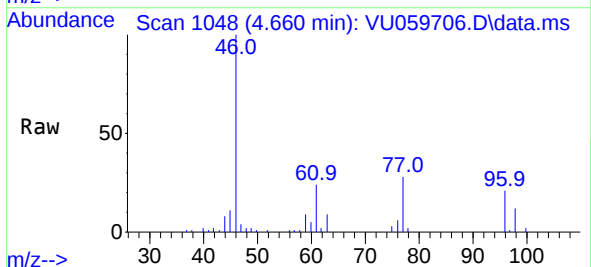


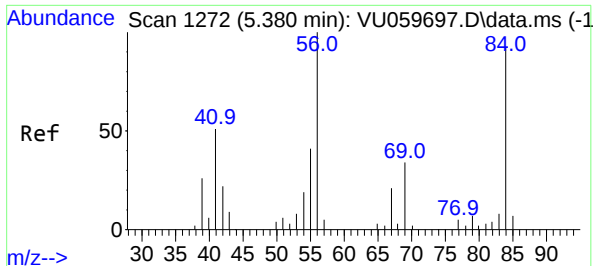
Tgt Ion: 76 Resp: 5307
Ion Ratio Lower Upper
76 100
78 14.1 7.3 10.9#



#22
cis-1,2-Dichloroethene
Concen: 0.449 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.000 min
Lab File: VU059706.D
Acq: 02 Jul 2024 00:05

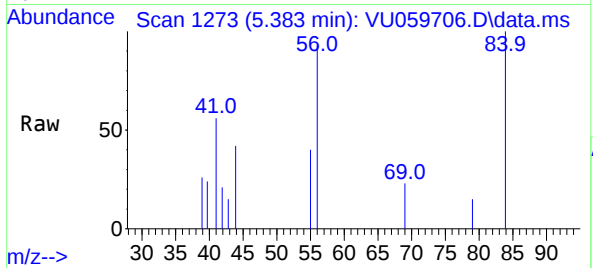
Tgt Ion: 96 Resp: 7699
Ion Ratio Lower Upper
96 100
61 115.1 87.4 162.2
98 57.1 42.3 78.5



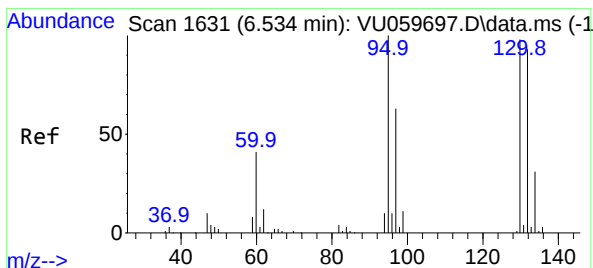
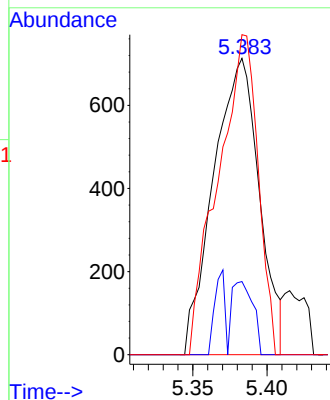
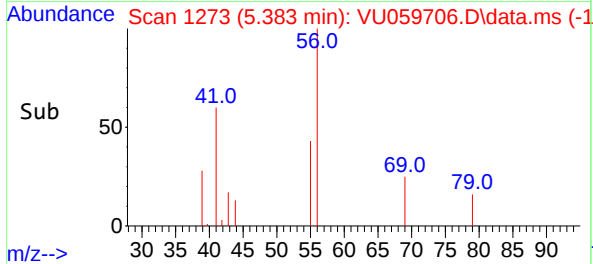


#30
Cyclohexane
Concen: 0.071 ug/L
RT: 5.383 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU059706.D
Acq: 02 Jul 2024 00:05

Instrument :
MSVOA_U
ClientSampleId :

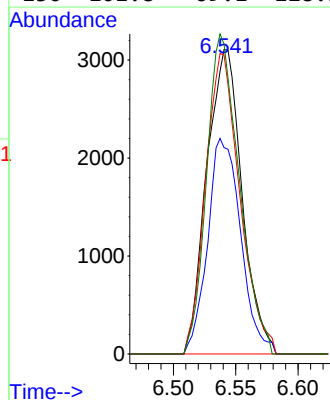
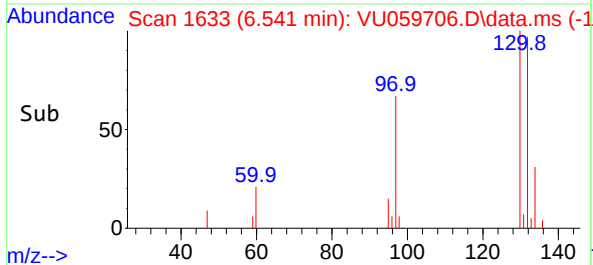
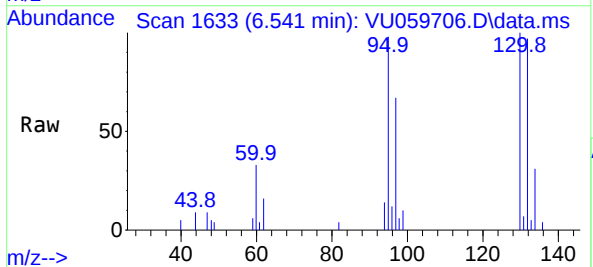


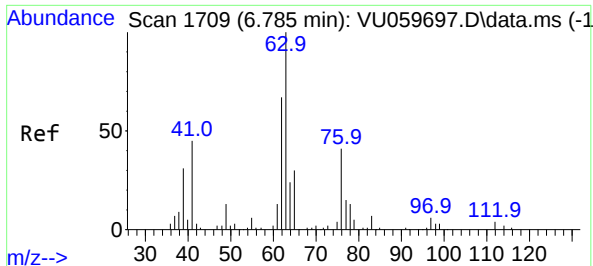
Tgt Ion: 56 Resp: 1529
Ion Ratio Lower Upper
56 100
69 11.3 24.8 37.2#
84 93.9 69.8 104.8



#34
Trichloroethene
Concen: 0.355 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. 0.003 min
Lab File: VU059706.D
Acq: 02 Jul 2024 00:05

Tgt Ion: 95 Resp: 6124
Ion Ratio Lower Upper
95 100
97 67.8 45.3 84.1
132 98.2 64.0 119.0
130 101.8 69.1 128.3

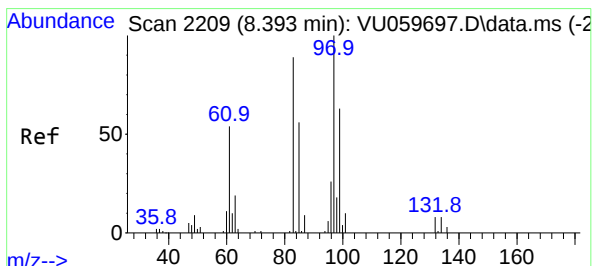
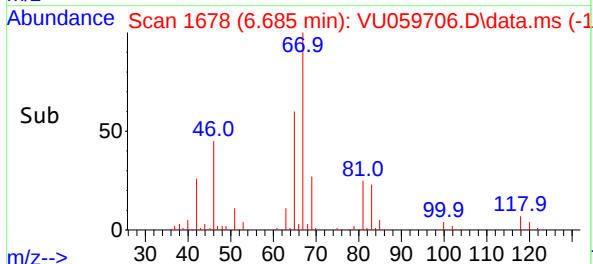
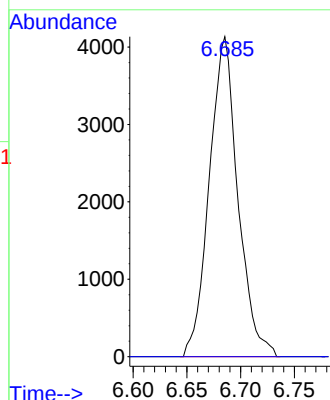
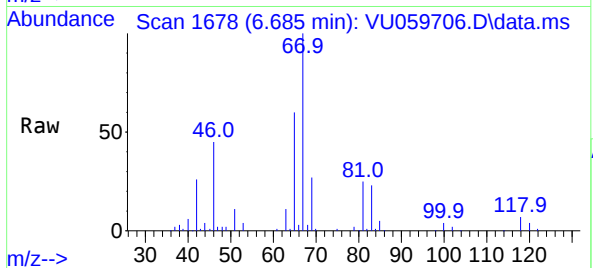




#37
1,2-Dichloropropane
Concen: 0.465 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU059706.D
Acq: 02 Jul 2024 00:05

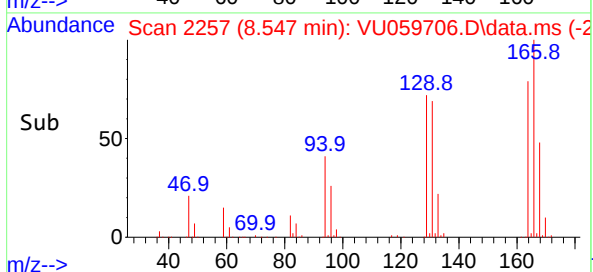
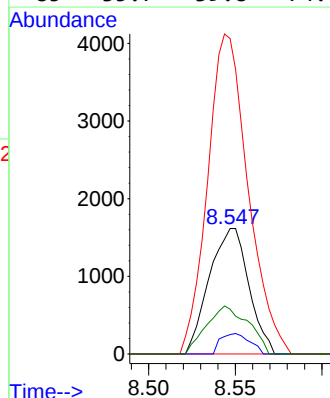
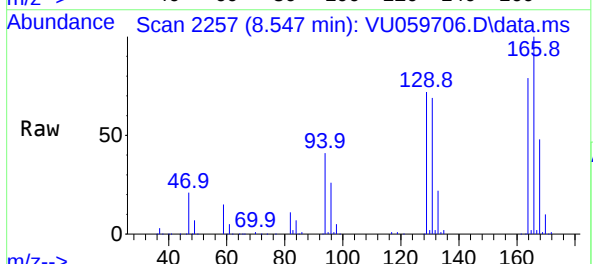
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MSVOA_U
ClientSampleId :

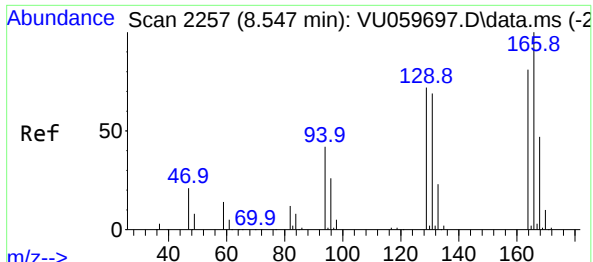
Tgt Ion: 63 Resp: 7659
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#



#45
1,1,2-Trichloroethane
Concen: 0.211 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.154 min
Lab File: VU059706.D
Acq: 02 Jul 2024 00:05

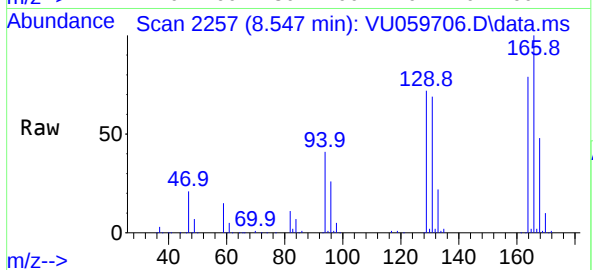
Tgt Ion: 97 Resp: 2560
Ion Ratio Lower Upper
97 100
99 15.5 43.3 80.3#
83 251.4 62.3 115.7#
85 35.7 39.8 74.0#



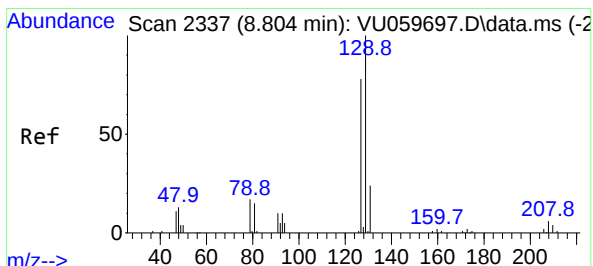
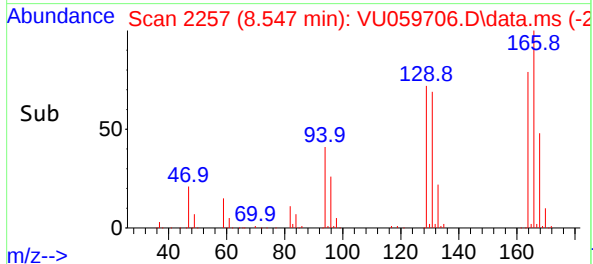
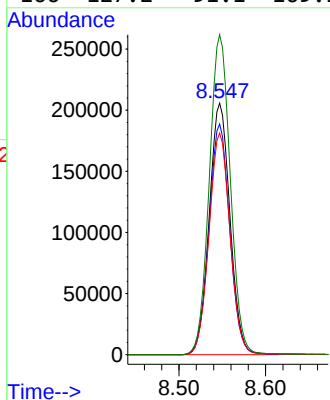


#47
Tetrachloroethene
Concen: 25.699 ug/L
RT: 8.547 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU059706.D
Acq: 02 Jul 2024 00:05

Instrument :
MSVOA_U
ClientSampleId :

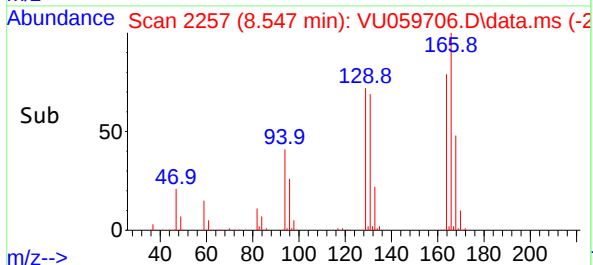
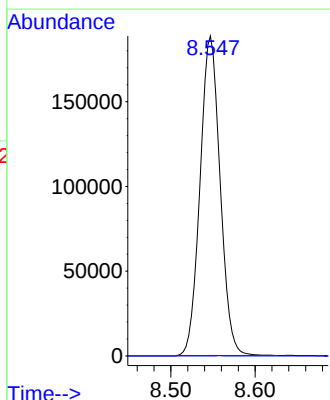
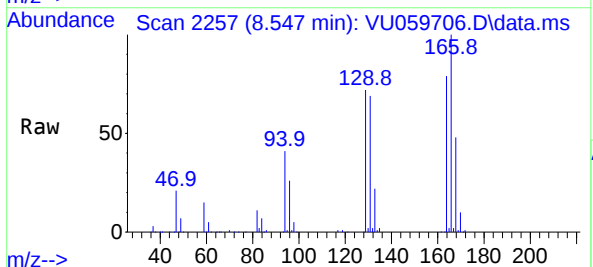


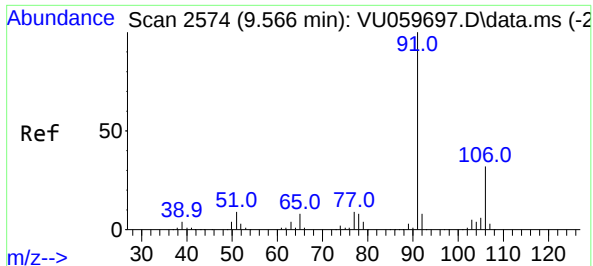
Tgt Ion:164 Resp: 344066
Ion Ratio Lower Upper
164 100
129 91.8 70.8 131.4
131 88.1 64.8 120.3
166 127.2 91.1 169.1



#49
Dibromochloromethane
Concen: 23.215 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.254 min
Lab File: VU059706.D
Acq: 02 Jul 2024 00:05

Tgt Ion:129 Resp: 312441
Ion Ratio Lower Upper
129 100
127 0.0 52.5 97.5#

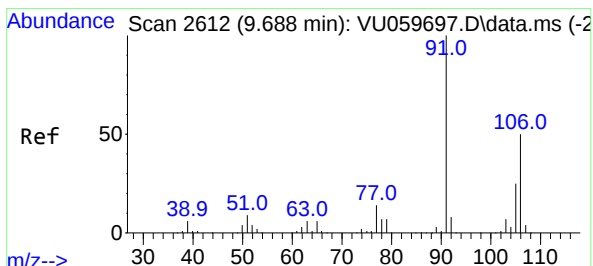
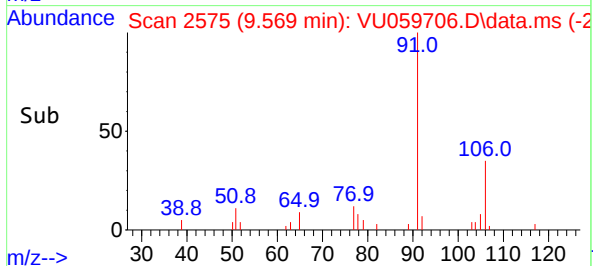
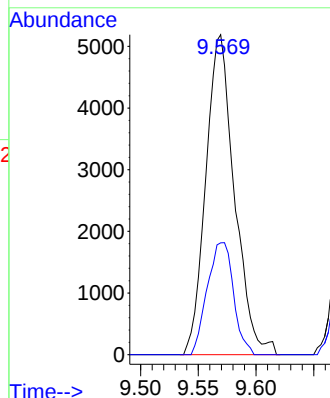
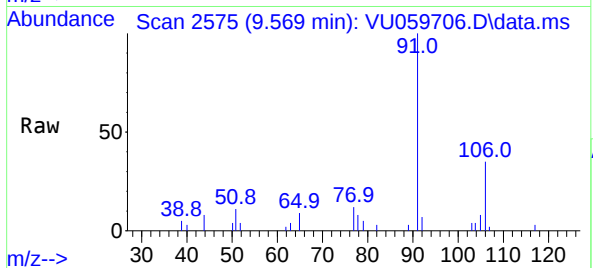




#52
Ethylbenzene
Concen: 0.130 ug/L
RT: 9.569 min Scan# 21
Delta R.T. 0.007 min
Lab File: VU059706.D
Acq: 02 Jul 2024 00:05

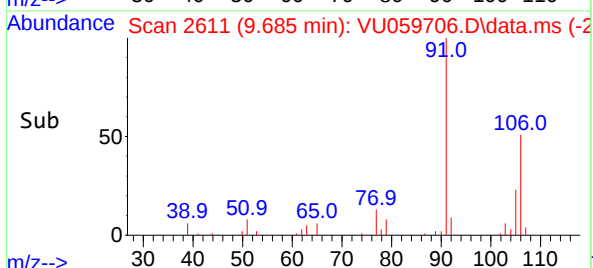
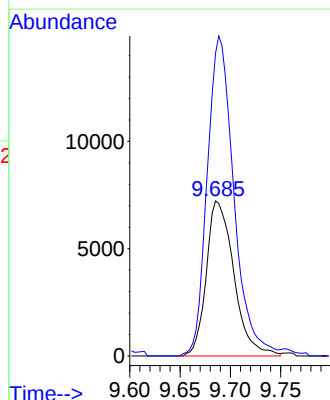
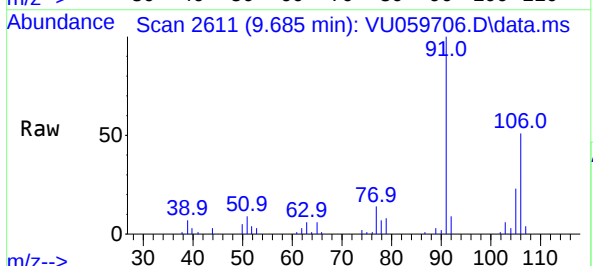
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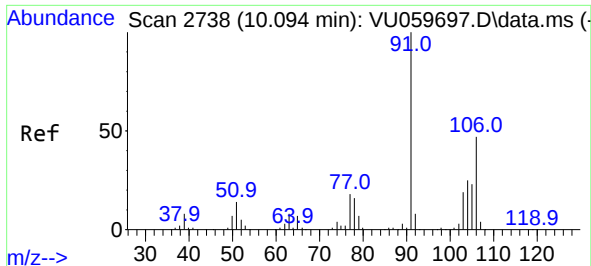
Tgt Ion: 91 Resp: 8961
Ion Ratio Lower Upper
91 100
106 34.9 20.9 38.7



#53
m,p-Xylene
Concen: 0.518 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.003 min
Lab File: VU059706.D
Acq: 02 Jul 2024 00:05

Tgt Ion: 106 Resp: 13773
Ion Ratio Lower Upper
106 100
91 195.3 142.0 263.8

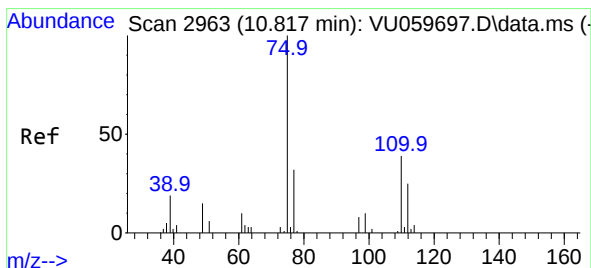
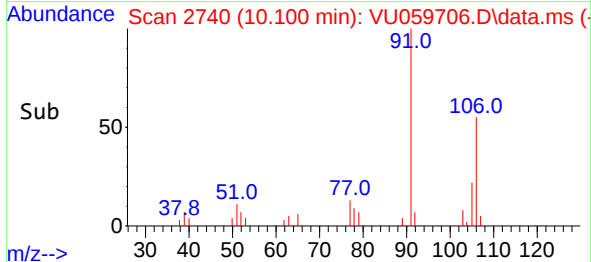
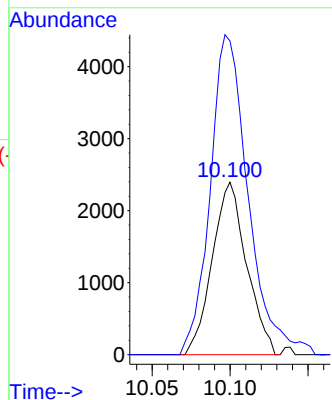
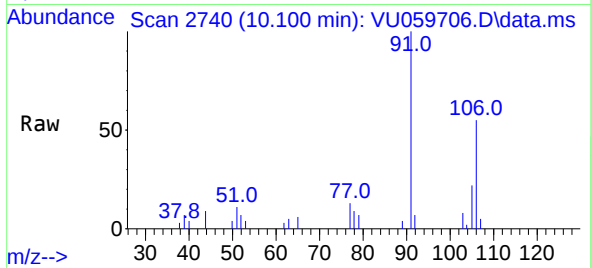




#54
o-Xylene
Concen: 0.146 ug/L
RT: 10.100 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU059706.D
Acq: 02 Jul 2024 00:05

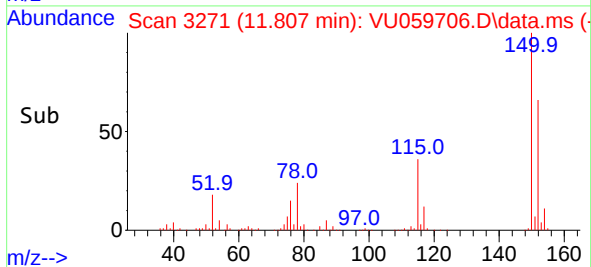
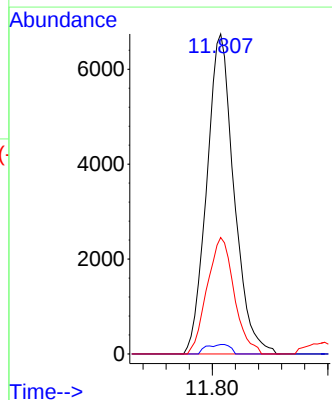
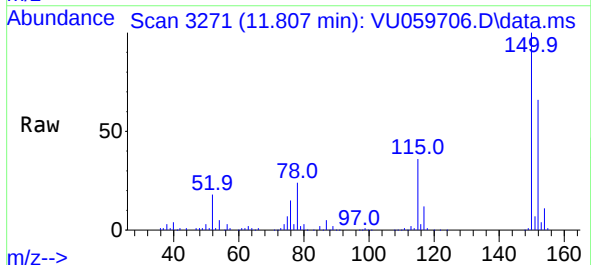
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MSVOA_U
ClientSampleId :

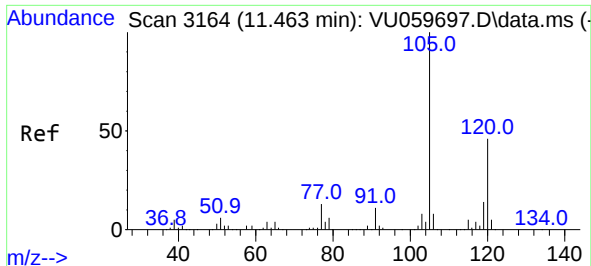
Tgt Ion:106 Resp: 3674
Ion Ratio Lower Upper
106 100
91 182.0 151.6 281.6



#61
1,2,3-Trichloropropane
Concen: 1.145 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU059706.D
Acq: 02 Jul 2024 00:05

Tgt Ion: 75 Resp: 11037
Ion Ratio Lower Upper
75 100
110 2.6 27.1 40.7#
77 36.0 25.4 38.2

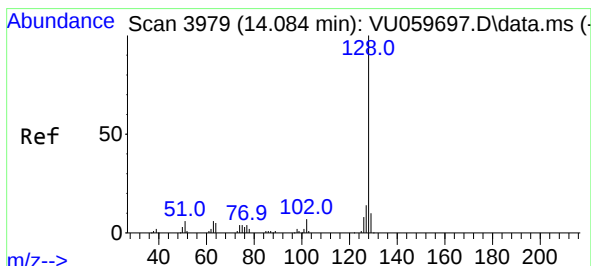
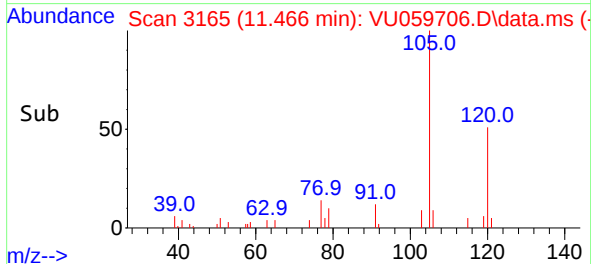
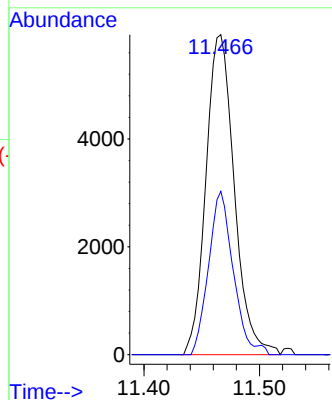
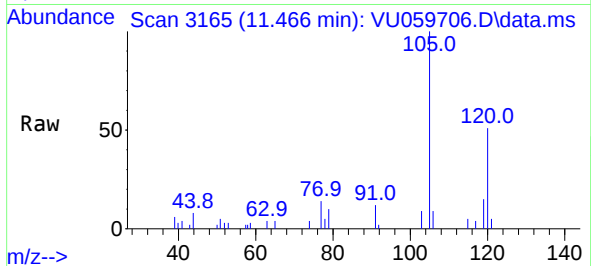




#63
1,2,4-Trimethylbenzene
Concen: 0.208 ug/L
RT: 11.466 min Scan# 3164
Delta R.T. 0.003 min
Lab File: VU059706.D
Acq: 02 Jul 2024 00:05

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:105 Resp: 10129
Ion Ratio Lower Upper
105 100
120 44.4 35.4 53.0



#71
Naphthalene
Concen: 0.320 ug/L
RT: 14.090 min Scan# 3981
Delta R.T. 0.007 min
Lab File: VU059706.D
Acq: 02 Jul 2024 00:05

Tgt Ion:128 Resp: 8528
Ion Ratio Lower Upper
128 100
129 8.1 8.2 12.4#
127 8.7 10.2 15.4#

