

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070124\
 Data File : VU059714.D
 Acq On : 02 Jul 2024 03:16
 Operator : MD/SY
 Sample : P3121-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 02 03:56:53 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)

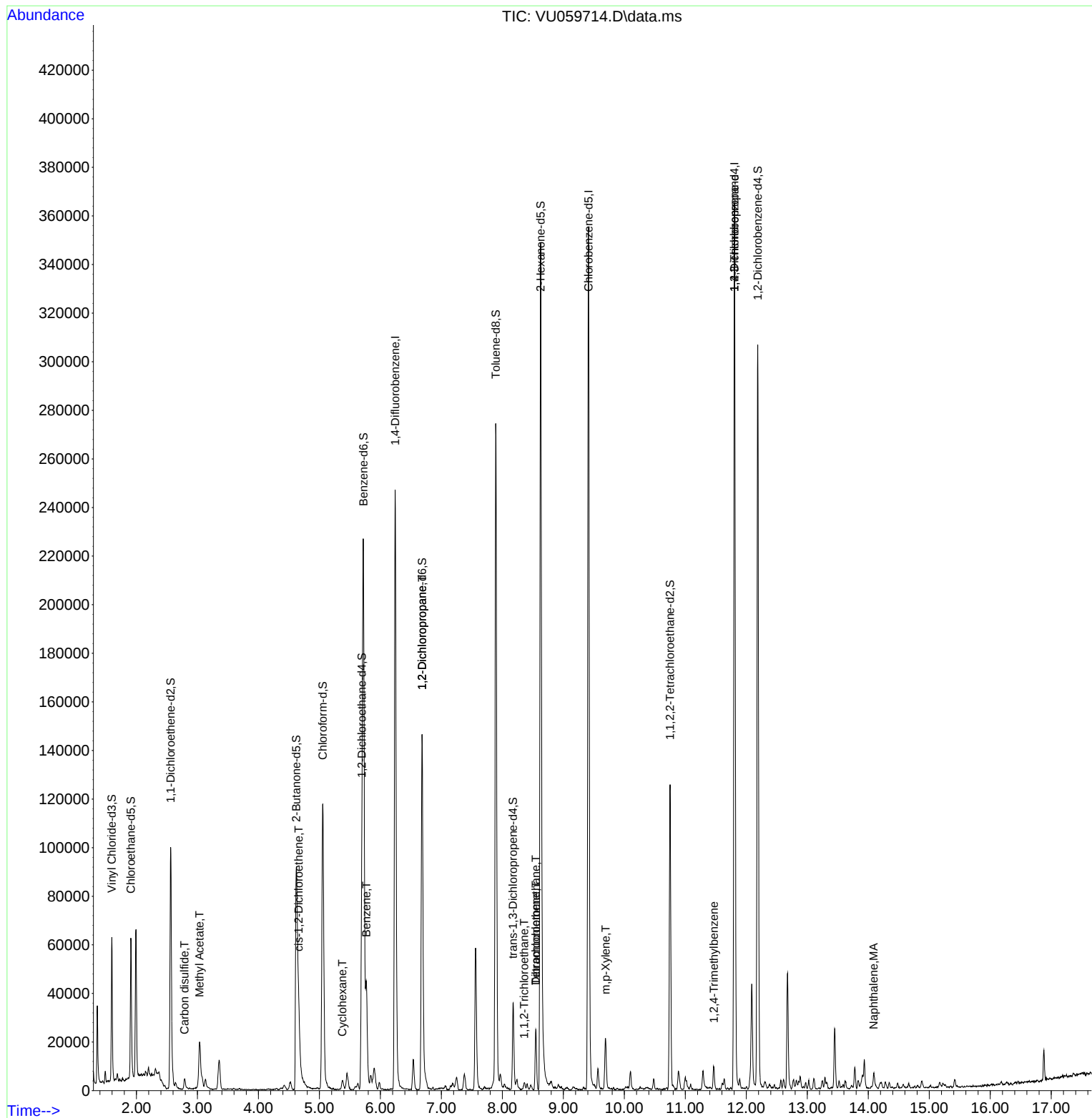
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	215819	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	213101	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	106047	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	36006	2.399	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	48.000%
7) Chloroethane-d5	1.908	69	43468	3.010	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	60.200%#
11) 1,1-Dichloroethene-d2	2.560	65	19185	3.081	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.600%
20) 2-Butanone-d5	4.622	46	152742	49.411	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.820%
24) Chloroform-d	5.056	84	114386	3.713	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.200%
26) 1,2-Dichloroethane-d4	5.695	65	57249	3.858	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.200%
32) Benzene-d6	5.721	84	222613	3.796	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.000%
36) 1,2-Dichloropropane-d6	6.683	67	74410	4.141	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.800%
41) Toluene-d8	7.891	98	195088	3.578	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.600%
43) trans-1,3-Dichloroprop...	8.174	79	21799	3.874	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.400%
46) 2-Hexanone-d5	8.628	63	126928	54.284	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.560%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	64613	4.351	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	86144	4.564	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.200%
Target Compounds						
					Qvalue	
14) Carbon disulfide	2.789	76	6072	0.119	ug/L	100
15) Methyl Acetate	3.033	43	13386	2.530	ug/L #	51
22) cis-1,2-Dichloroethene	4.660	96	8551	0.487	ug/L	96
30) Cyclohexane	5.374	56	2160	0.099	ug/L #	20
33) Benzene	5.769	78	43337	0.670	ug/L	100
37) 1,2-Dichloropropane	6.683	63	8046	0.480	ug/L #	90
45) 1,1,2-Trichloroethane	8.358	97	1180	0.096	ug/L #	14
47) Tetrachloroethene	8.547	164	6075	0.447	ug/L	92
49) Dibromochloromethane	8.547	129	5484	0.401	ug/L #	12
53) m,p-Xylene	9.692	106	6416	0.238	ug/L	90
61) 1,2,3-Trichloropropane	11.804	75	11758	1.200	ug/L #	72
63) 1,2,4-Trimethylbenzene	11.467	105	5926	0.119	ug/L	91
71) Naphthalene	14.087	128	6187	0.228	ug/L	96

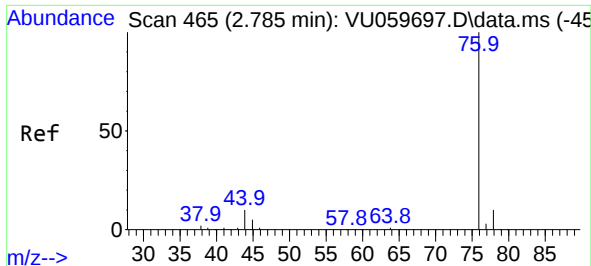
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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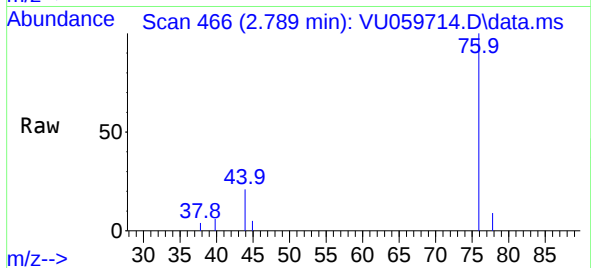
Quant Time: Jul 02 03:56:53 2024
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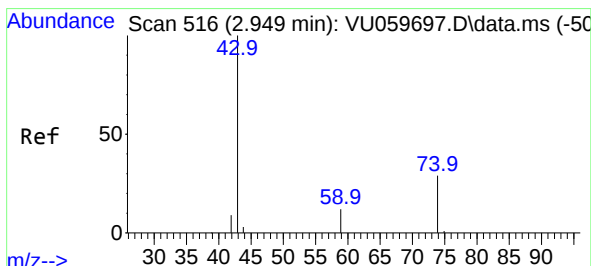
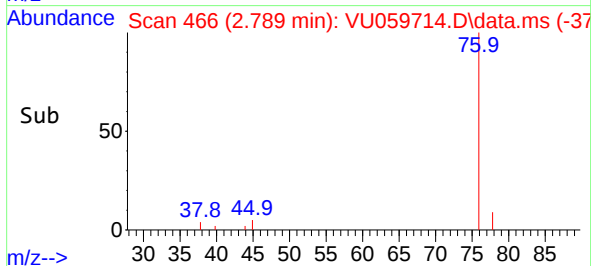
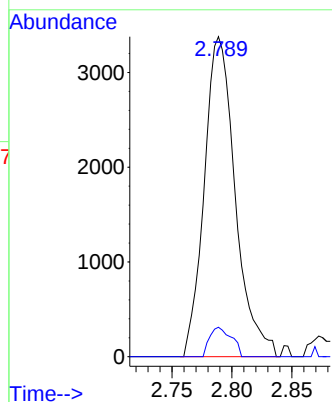


#14
Carbon disulfide
Concen: 0.119 ug/L
RT: 2.789 min Scan# 41
Delta R.T. 0.004 min
Lab File: VU059714.D
Acq: 02 Jul 2024 03:16

Instrument :
MSVOA_U
ClientSampleId :

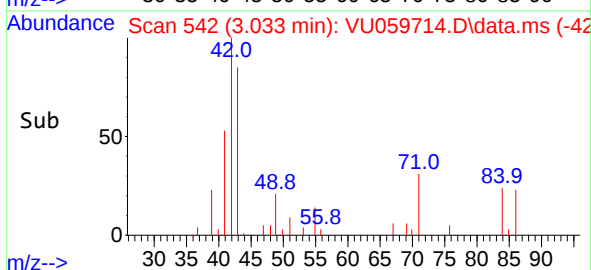
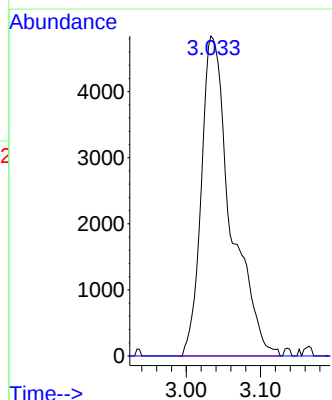
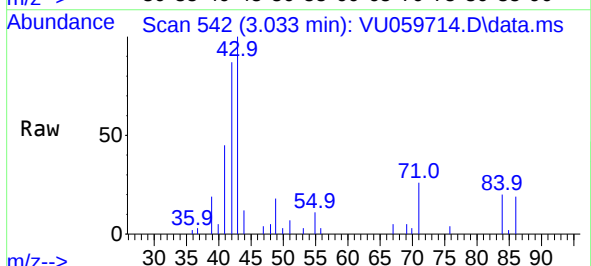


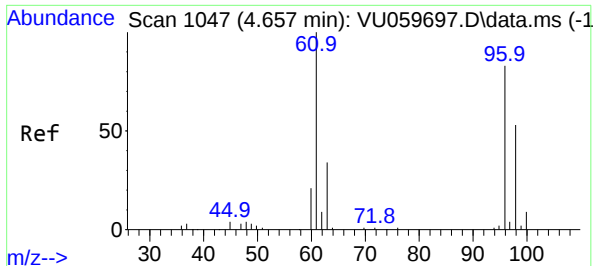
Tgt Ion: 76 Resp: 6072
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9



#15
Methyl Acetate
Concen: 2.530 ug/L
RT: 3.033 min Scan# 542
Delta R.T. 0.084 min
Lab File: VU059714.D
Acq: 02 Jul 2024 03:16

Tgt Ion: 43 Resp: 13386
Ion Ratio Lower Upper
43 100
74 0.0 19.2 28.8#

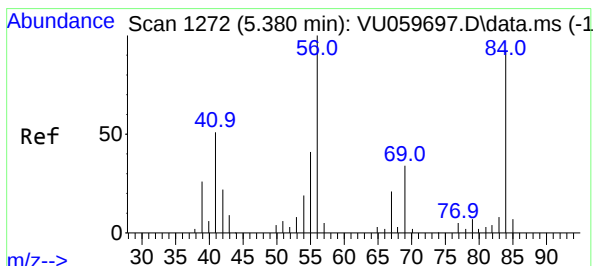
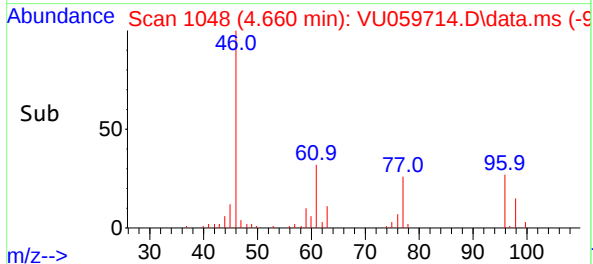
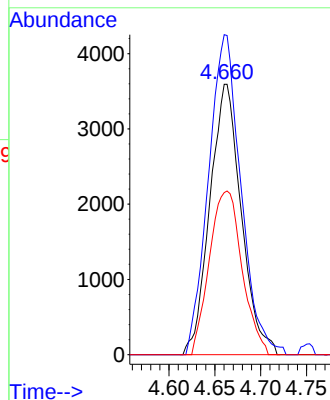
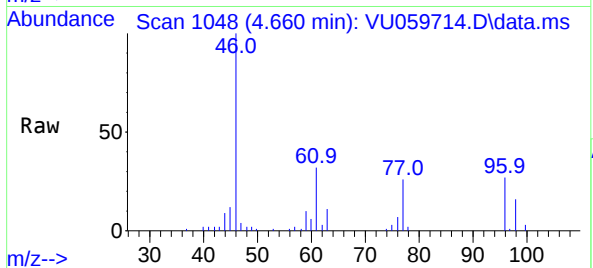




#22
cis-1,2-Dichloroethene
Concen: 0.487 ug/L
RT: 4.660 min Scan# 1047
Delta R.T. 0.001 min
Lab File: VU059714.D
Acq: 02 Jul 2024 03:16

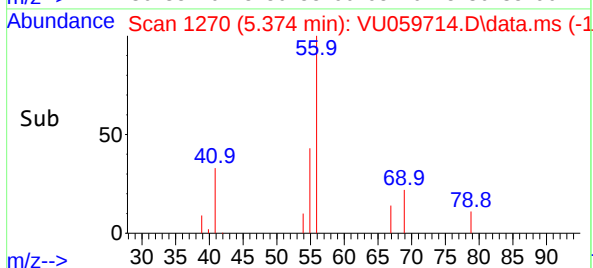
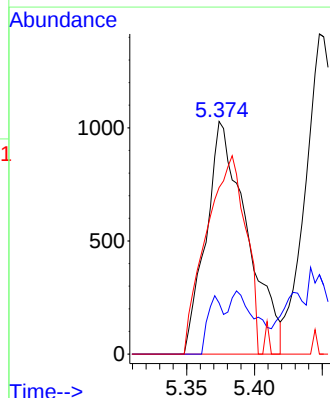
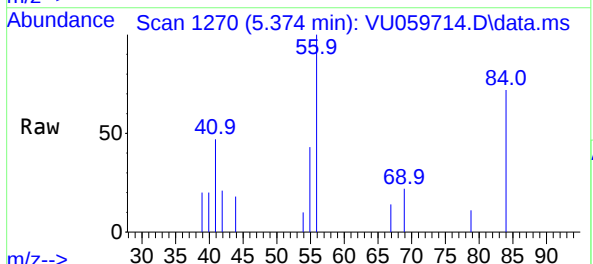
Instrument :
MSVOA_U
ClientSampleId :

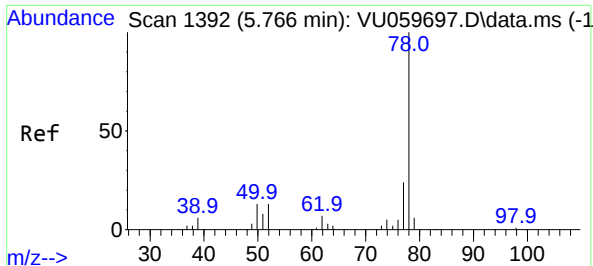
Tgt Ion: 96 Resp: 8551
Ion Ratio Lower Upper
96 100
61 118.3 87.4 162.2
98 59.9 42.3 78.5



#30
Cyclohexane
Concen: 0.099 ug/L
RT: 5.374 min Scan# 1270
Delta R.T. -0.006 min
Lab File: VU059714.D
Acq: 02 Jul 2024 03:16

Tgt Ion: 56 Resp: 2160
Ion Ratio Lower Upper
56 100
69 9.0 24.8 37.2#
84 0.0 69.8 104.8#

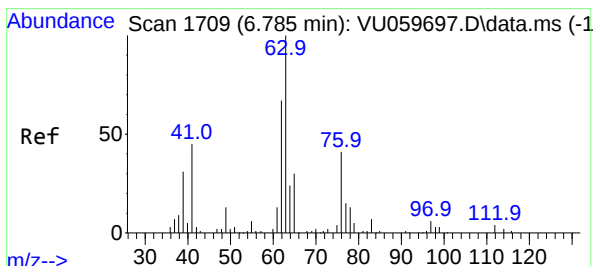
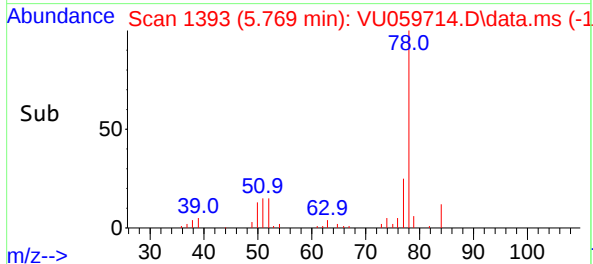
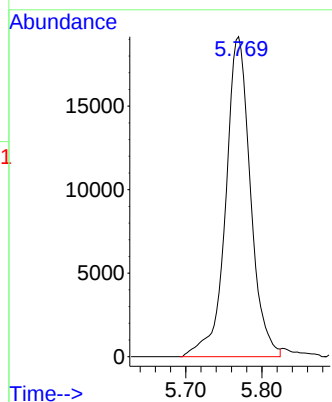
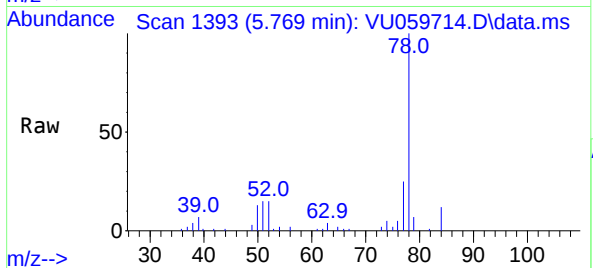




#33
Benzene
Concen: 0.670 ug/L
RT: 5.769 min Scan# 11
Delta R.T. 0.004 min
Lab File: VU059714.D
Acq: 02 Jul 2024 03:16

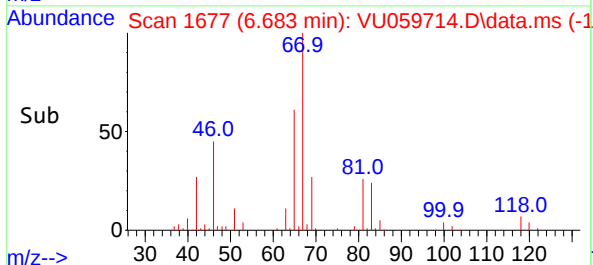
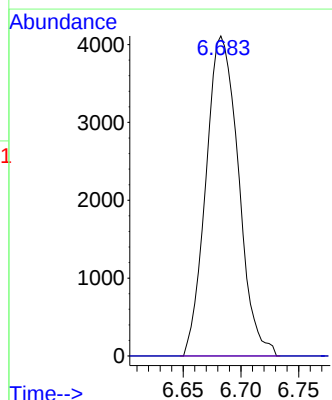
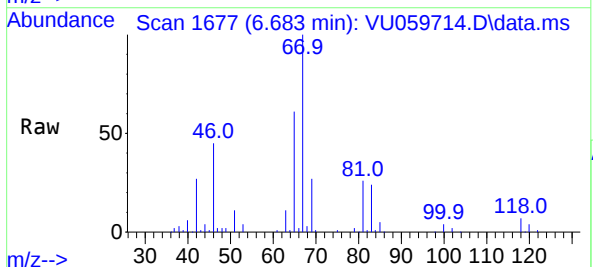
Instrument :
MSVOA_U
ClientSampleId :

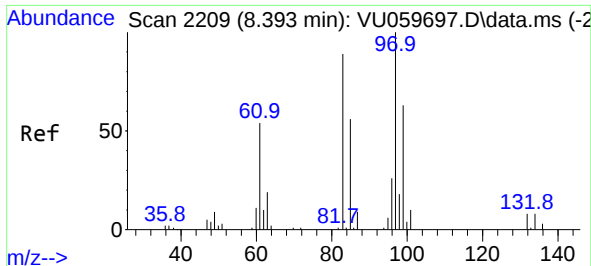
Tgt Ion: 78 Resp: 43337



#37
1,2-Dichloropropane
Concen: 0.480 ug/L
RT: 6.683 min Scan# 1677
Delta R.T. -0.102 min
Lab File: VU059714.D
Acq: 02 Jul 2024 03:16

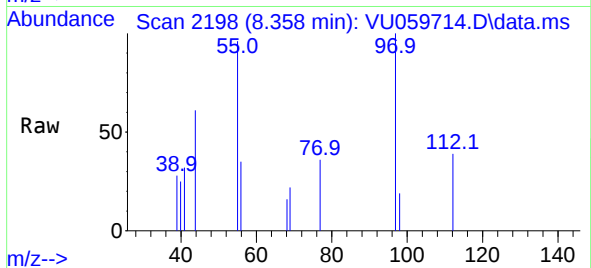
Tgt Ion: 63 Resp: 8046
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#





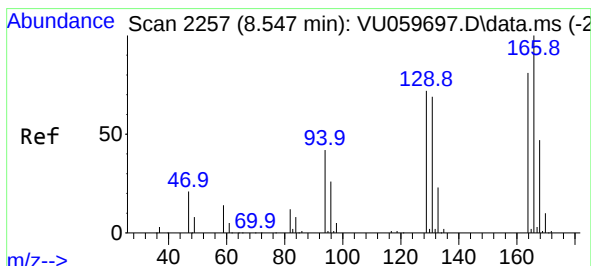
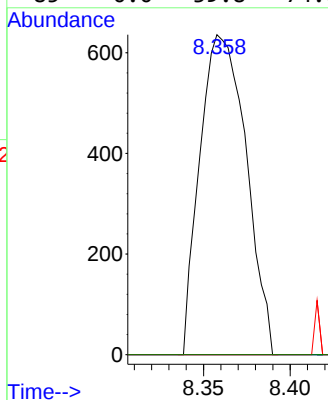
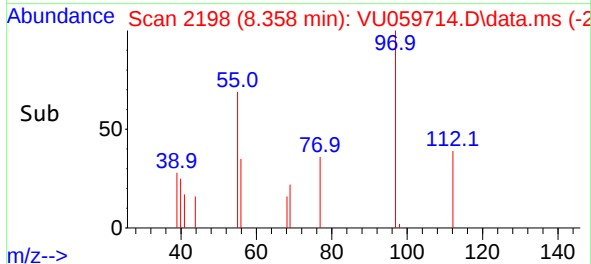
#45
1,1,2-Trichloroethane
Concen: 0.096 ug/L
RT: 8.358 min Scan# 2198
Delta R.T. -0.035 min
Lab File: VU059714.D
Acq: 02 Jul 2024 03:16

Instrument :
MSVOA_U
ClientSampleId :

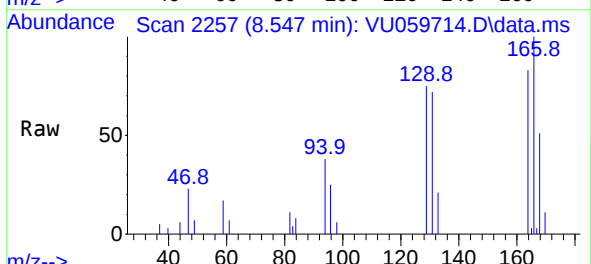


Tgt Ion: 97 Resp: 1180

Ion	Ratio	Lower	Upper
97	100		
99	0.0	43.3	80.3#
83	0.0	62.3	115.7#
85	0.0	39.8	74.0#

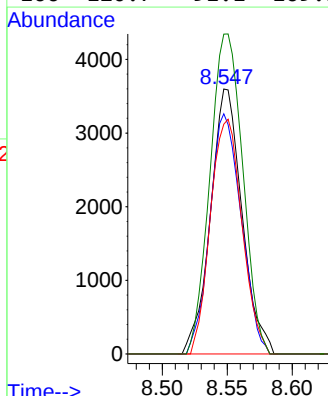
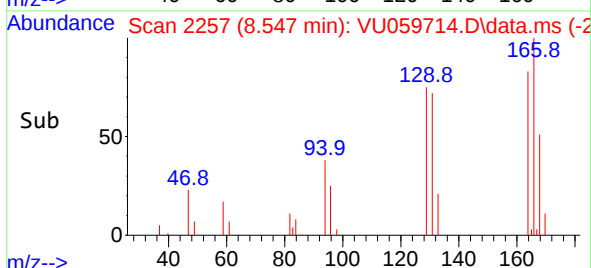


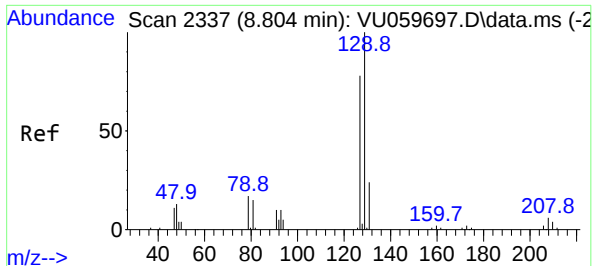
#47
Tetrachloroethene
Concen: 0.447 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.001 min
Lab File: VU059714.D
Acq: 02 Jul 2024 03:16



Tgt Ion: 164 Resp: 6075

Ion	Ratio	Lower	Upper
164	100		
129	90.6	70.8	131.4
131	86.7	64.8	120.3
166	120.7	91.1	169.1





#49

Dibromochloromethane

Concen: 0.401 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.253 min

Lab File: VU059714.D

Acq: 02 Jul 2024 03:16

Instrument :

MSVOA_U

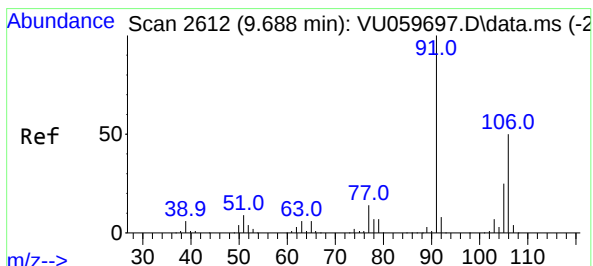
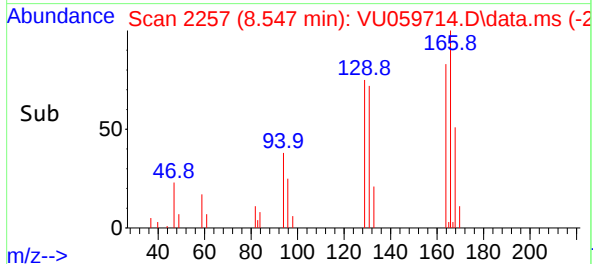
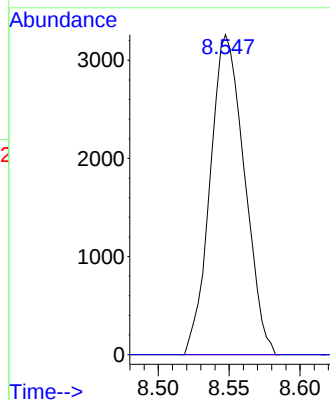
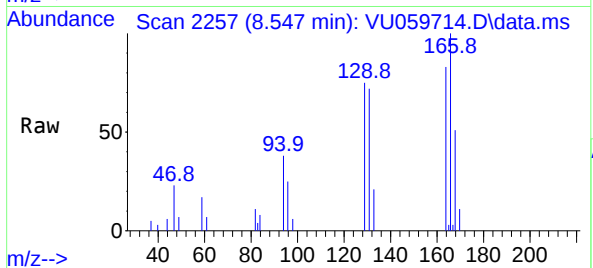
ClientSampleId :

Tgt Ion:129 Resp: 5484

Ion Ratio Lower Upper

129 100

127 0.0 52.5 97.5#



#53

m,p-Xylene

Concen: 0.238 ug/L

RT: 9.692 min Scan# 2613

Delta R.T. 0.004 min

Lab File: VU059714.D

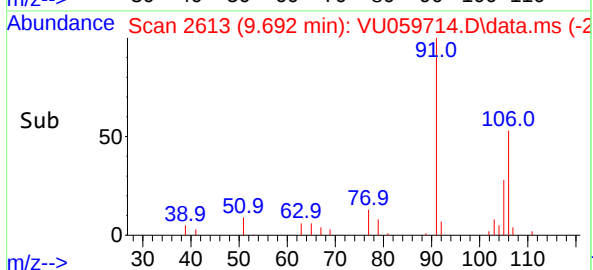
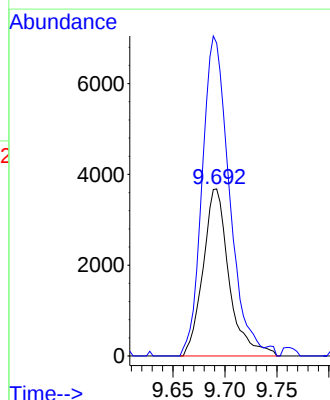
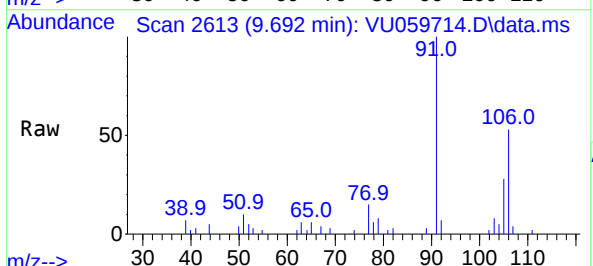
Acq: 02 Jul 2024 03:16

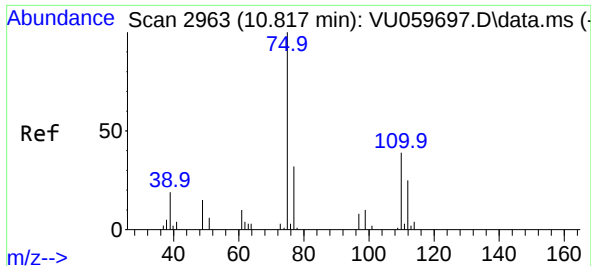
Tgt Ion:106 Resp: 6416

Ion Ratio Lower Upper

106 100

91 187.2 142.0 263.8

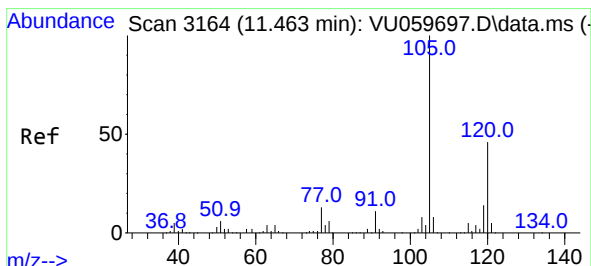
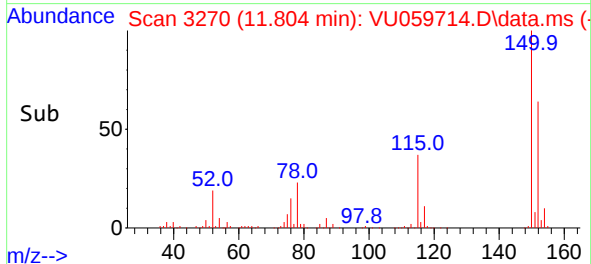
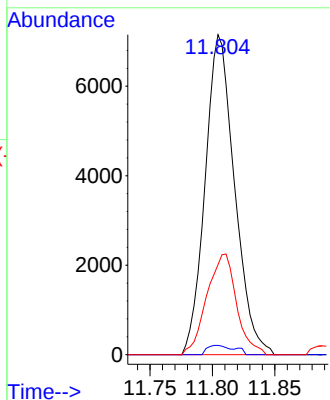
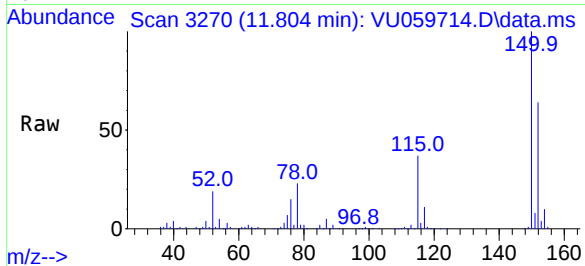




#61
1,2,3-Trichloropropane
Concen: 1.200 ug/L
RT: 11.804 min Scan# 3165
Delta R.T. 0.988 min
Lab File: VU059714.D
Acq: 02 Jul 2024 03:16

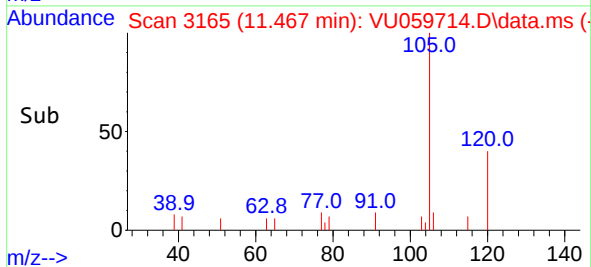
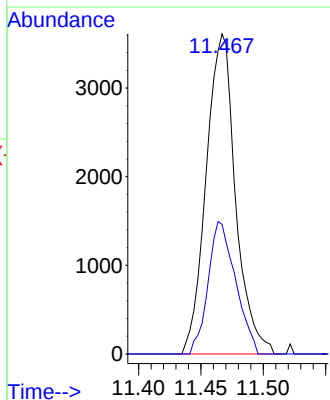
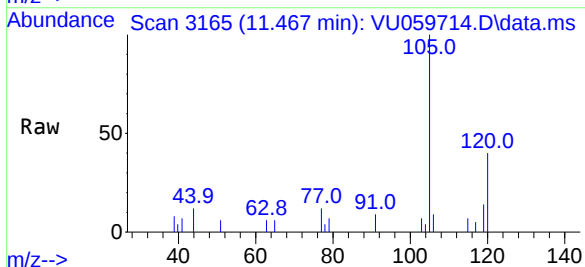
Instrument :
MSVOA_U
ClientSampleId :

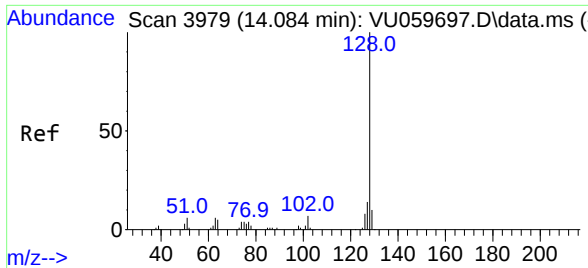
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Ion Ratio Lower Upper
75 100
110 2.7 27.1 40.7#
77 31.7 25.4 38.2



#63
1,2,4-Trimethylbenzene
Concen: 0.119 ug/L
RT: 11.467 min Scan# 3165
Delta R.T. 0.004 min
Lab File: VU059714.D
Acq: 02 Jul 2024 03:16

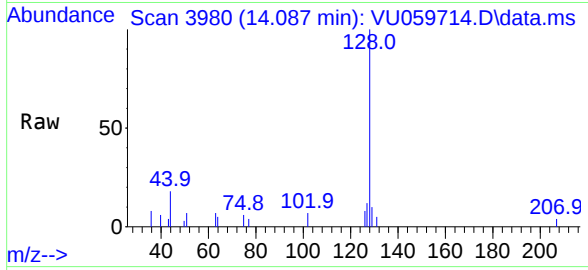
Tgt Ion: 105 Resp: 5926
Ion Ratio Lower Upper
105 100
120 38.6 35.4 53.0





#71
Naphthalene
Concen: 0.228 ug/L
RT: 14.087 min Scan# 3979
Delta R.T. 0.004 min
Lab File: VU059714.D
Acq: 02 Jul 2024 03:16

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 6187

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.2	12.4
127	11.0	10.2	15.4

