

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070124\
 Data File : VU059715.D
 Acq On : 02 Jul 2024 03:40
 Operator : MD/SY
 Sample : P3121-17
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 02 03:57:00 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)

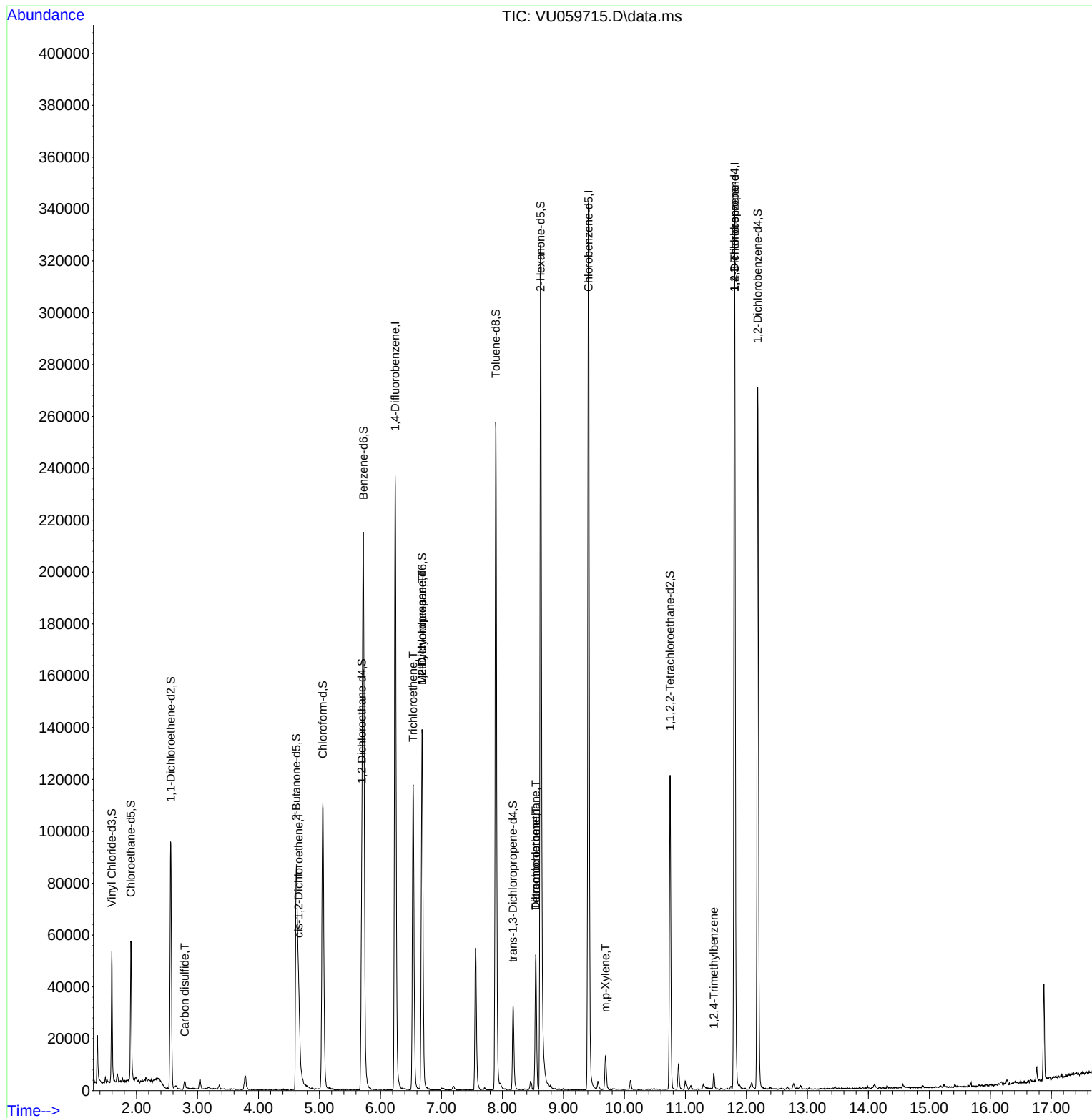
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	206532	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	205546	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	99994	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	34468	2.400	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	48.000%
7) Chloroethane-d5	1.907	69	41042	2.970	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	59.400%#
11) 1,1-Dichloroethene-d2	2.563	65	17635	2.960	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.200%#
20) 2-Butanone-d5	4.621	46	145239	49.097	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.200%
24) Chloroform-d	5.055	84	108637	3.685	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.800%
26) 1,2-Dichloroethane-d4	5.695	65	55082	3.879	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.600%
32) Benzene-d6	5.721	84	212593	3.758	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.200%
36) 1,2-Dichloropropane-d6	6.682	67	68316	3.941	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.800%
41) Toluene-d8	7.891	98	181013	3.442	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.800%#
43) trans-1,3-Dichloroprop...	8.174	79	20104	3.704	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.000%
46) 2-Hexanone-d5	8.627	63	118934	52.735	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.460%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	60928	4.254	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	78646	4.419	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.400%
Target Compounds						
					Qvalue	
14) Carbon disulfide	2.792	76	4790	0.098	ug/L #	90
22) cis-1,2-Dichloroethene	4.660	96	11005	0.655	ug/L	87
34) Trichloroethene	6.534	95	41826	2.474	ug/L	98
35) Methylcyclohexane	6.682	83	15939	0.663	ug/L #	27
37) 1,2-Dichloropropane	6.682	63	7124	0.441	ug/L #	90
47) Tetrachloroethene	8.547	164	12577	0.959	ug/L	97
49) Dibromochloromethane	8.547	129	11627	0.882	ug/L #	12
53) m,p-Xylene	9.688	106	4089	0.157	ug/L	90
61) 1,2,3-Trichloropropane	11.807	75	10953	1.185	ug/L #	70
63) 1,2,4-Trimethylbenzene	11.467	105	3806	0.081	ug/L	100

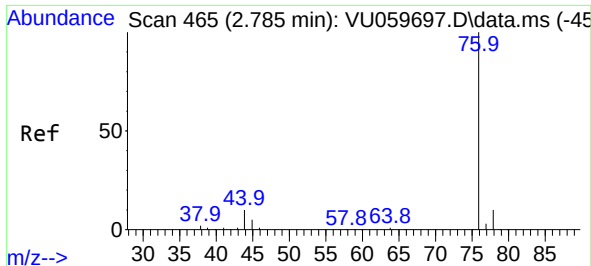
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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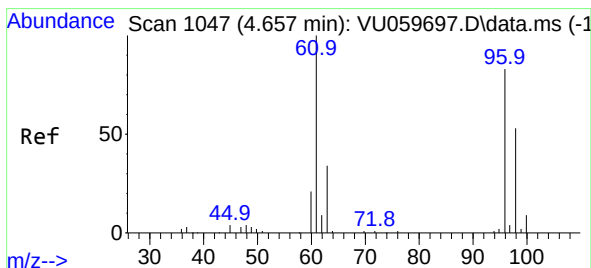
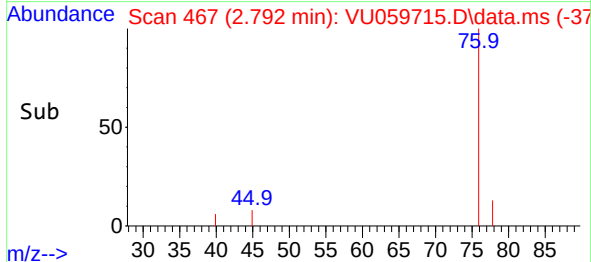
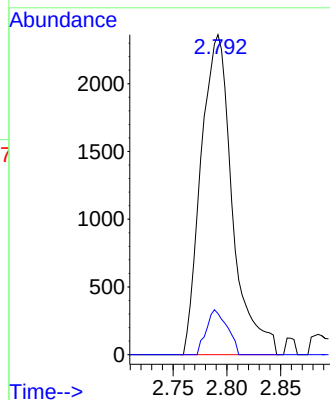
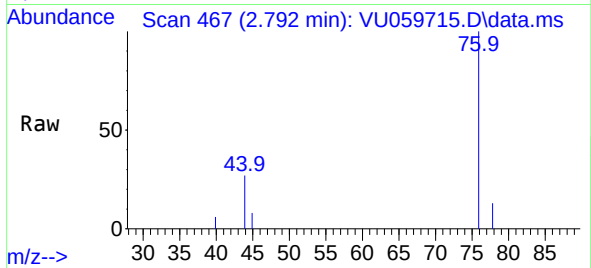




#14
Carbon disulfide
Concen: 0.098 ug/L
RT: 2.792 min Scan# 4
Delta R.T. 0.007 min
Lab File: VU059715.D
Acq: 02 Jul 2024 03:40

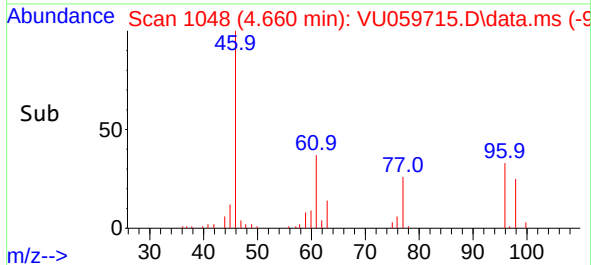
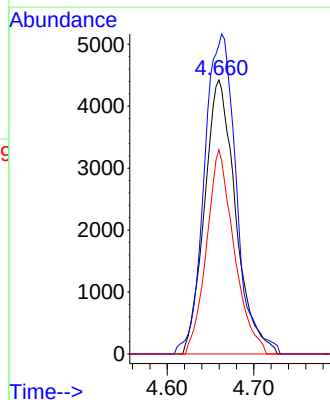
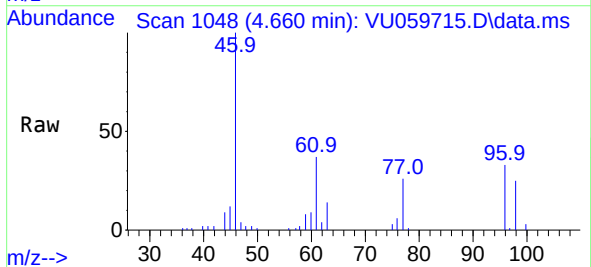
Instrument :
MSVOA_U
ClientSampleId :

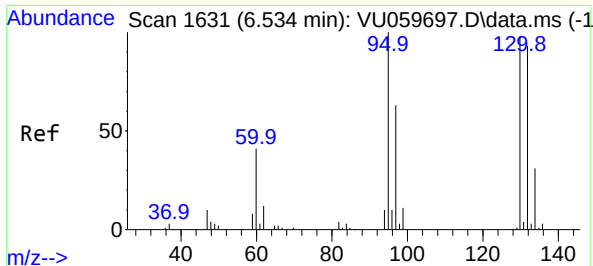
Tgt Ion: 76 Resp: 4790
Ion Ratio Lower Upper
76 100
78 12.8 7.3 10.9#



#22
cis-1,2-Dichloroethene
Concen: 0.655 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.000 min
Lab File: VU059715.D
Acq: 02 Jul 2024 03:40

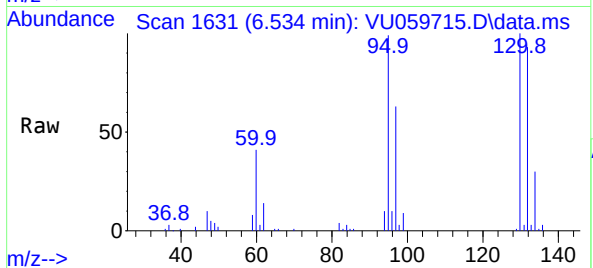
Tgt Ion: 96 Resp: 11005
Ion Ratio Lower Upper
96 100
61 112.7 87.4 162.2
98 74.5 42.3 78.5



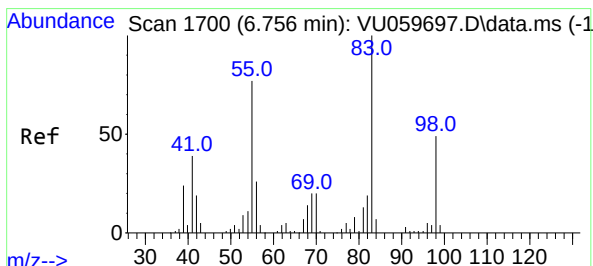
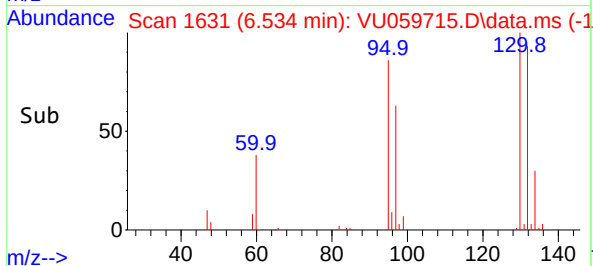
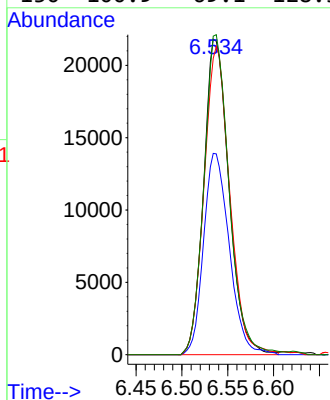


#34
Trichloroethene
Concen: 2.474 ug/L
RT: 6.534 min Scan# 1677
Delta R.T. -0.003 min
Lab File: VU059715.D
Acq: 02 Jul 2024 03:40

Instrument :
MSVOA_U
ClientSampleId :

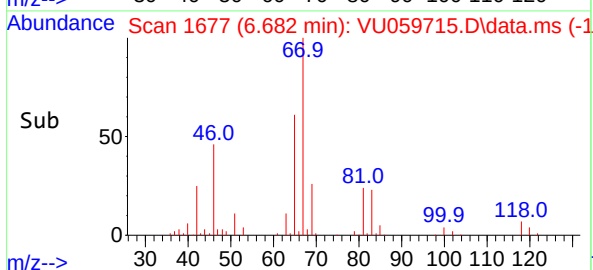
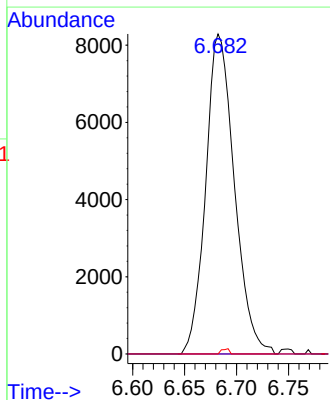
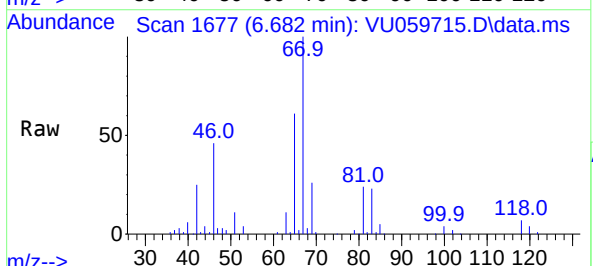


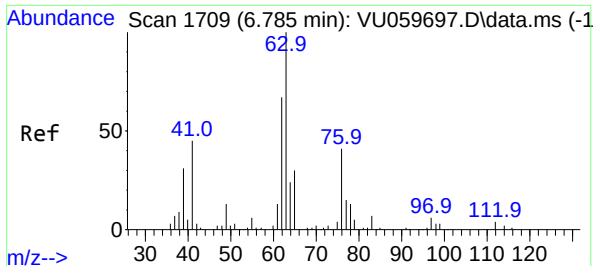
Tgt Ion: 95 Resp: 41826
Ion Ratio Lower Upper
95 100
97 63.8 45.3 84.1
132 93.9 64.0 119.0
130 100.9 69.1 128.3



#35
Methylcyclohexane
Concen: 0.663 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU059715.D
Acq: 02 Jul 2024 03:40

Tgt Ion: 83 Resp: 15939
Ion Ratio Lower Upper
83 100
55 0.0 62.7 94.1#
98 15.7 35.4 53.0#

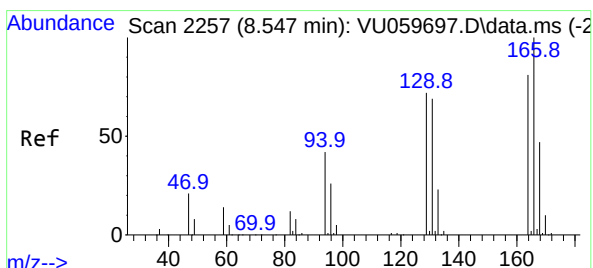
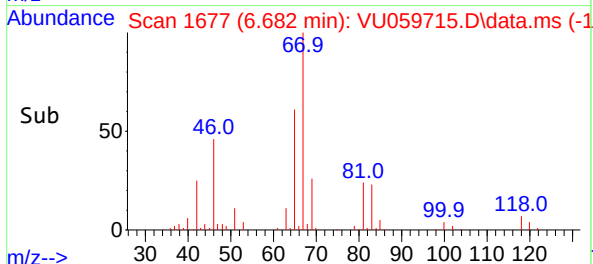
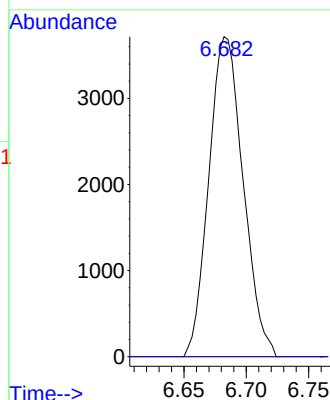
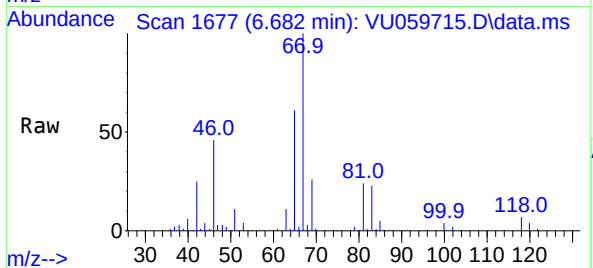




#37
1,2-Dichloropropane
Concen: 0.441 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU059715.D
Acq: 02 Jul 2024 03:40

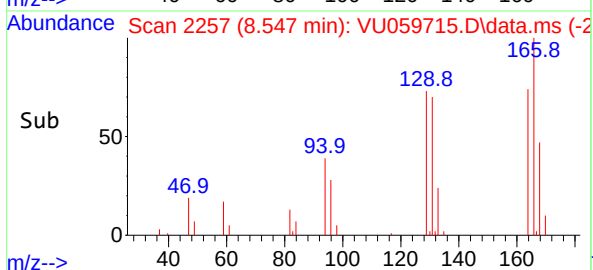
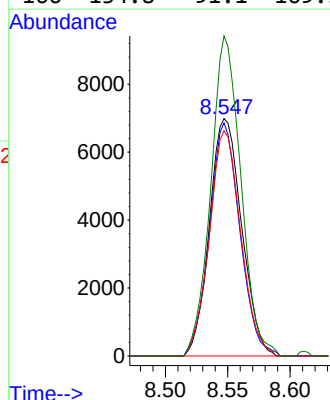
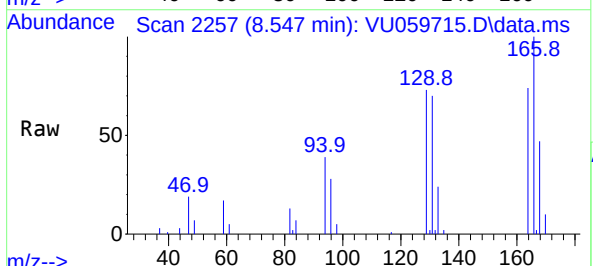
Instrument :
MSVOA_U
ClientSampleId :

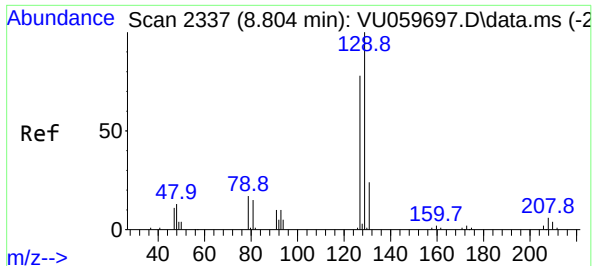
Tgt Ion: 63 Resp: 7124
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#



#47
Tetrachloroethene
Concen: 0.959 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU059715.D
Acq: 02 Jul 2024 03:40

Tgt Ion: 164 Resp: 12577
Ion Ratio Lower Upper
164 100
129 98.1 70.8 131.4
131 94.9 64.8 120.3
166 134.8 91.1 169.1

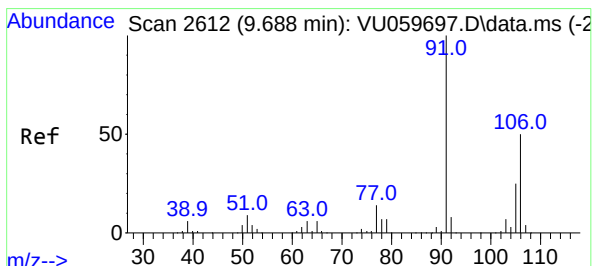
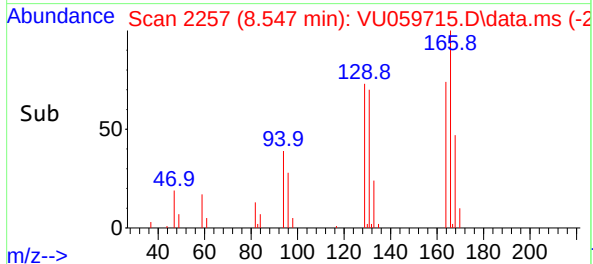
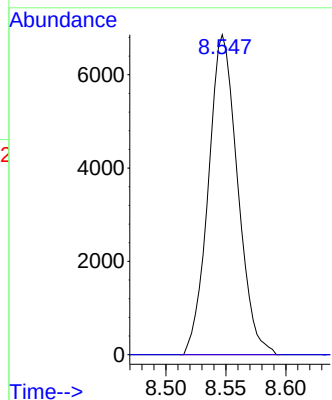
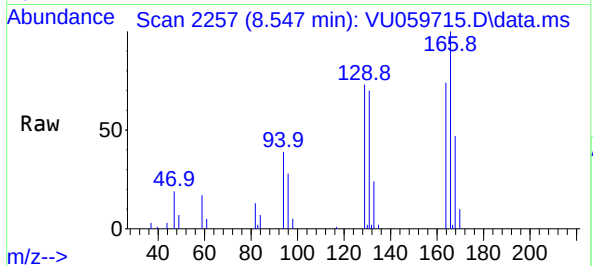




#49
Dibromochloromethane
Concen: 0.882 ug/L
RT: 8.547 min Scan# 211
Delta R.T. -0.254 min
Lab File: VU059715.D
Acq: 02 Jul 2024 03:40

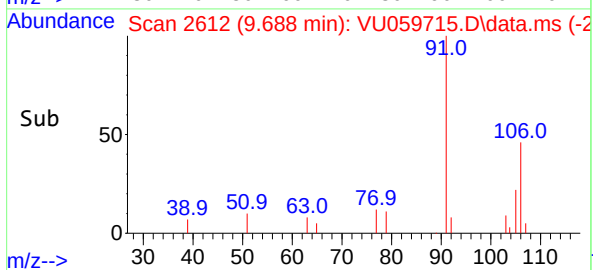
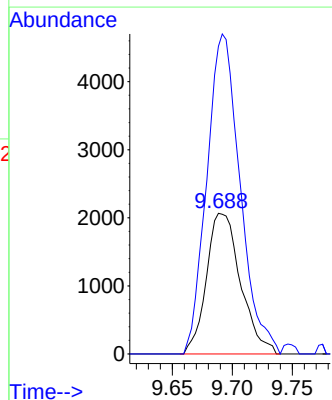
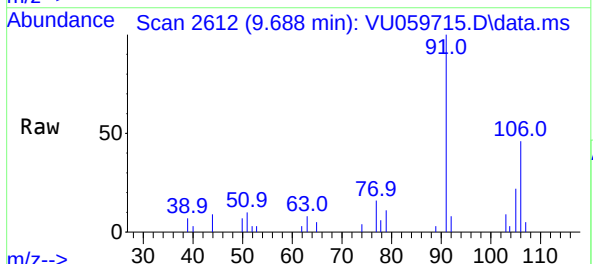
Instrument :
MSVOA_U
ClientSampleId :

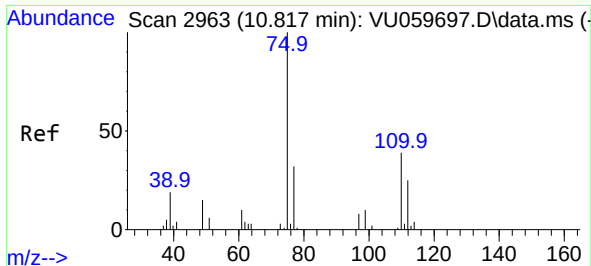
Tgt Ion:129 Resp: 11627
Ion Ratio Lower Upper
129 100
127 0.0 52.5 97.5#



#53
m,p-Xylene
Concen: 0.157 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU059715.D
Acq: 02 Jul 2024 03:40

Tgt Ion:106 Resp: 4089
Ion Ratio Lower Upper
106 100
91 218.7 142.0 263.8

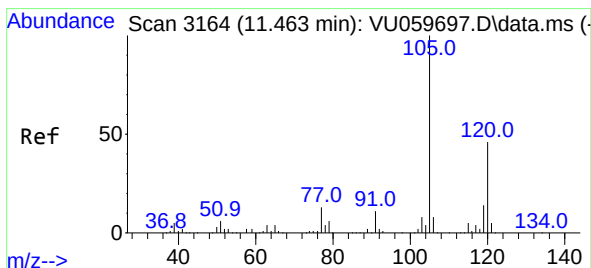
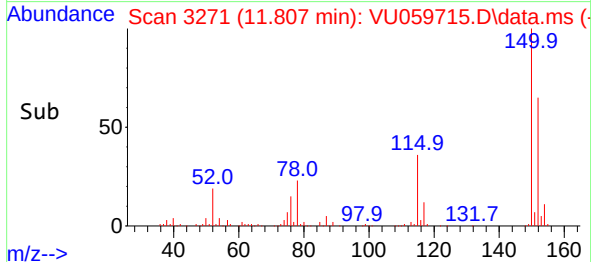
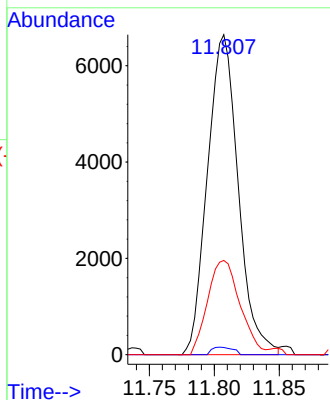
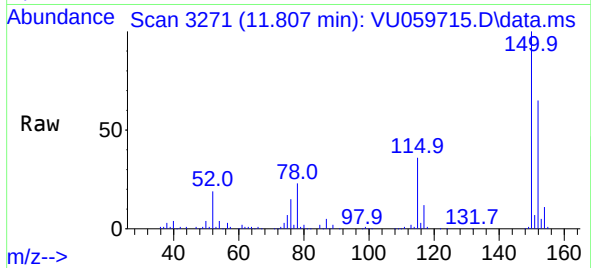




#61
1,2,3-Trichloropropane
Concen: 1.185 ug/L
RT: 11.807 min Scan# 311
Delta R.T. 0.990 min
Lab File: VU059715.D
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Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 10953
Ion Ratio Lower Upper
75 100
110 1.6 27.1 40.7#
77 30.9 25.4 38.2



#63
1,2,4-Trimethylbenzene
Concen: 0.081 ug/L
RT: 11.467 min Scan# 3165
Delta R.T. 0.003 min
Lab File: VU059715.D
Acq: 02 Jul 2024 03:40

Tgt Ion: 105 Resp: 3806
Ion Ratio Lower Upper
105 100
120 44.5 35.4 53.0

