

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
 Data File : VU059772.D
 Acq On : 03 Jul 2024 05:07
 Operator : MD/SY
 Sample : P3122-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 03 05:26:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 03 04:07:12 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

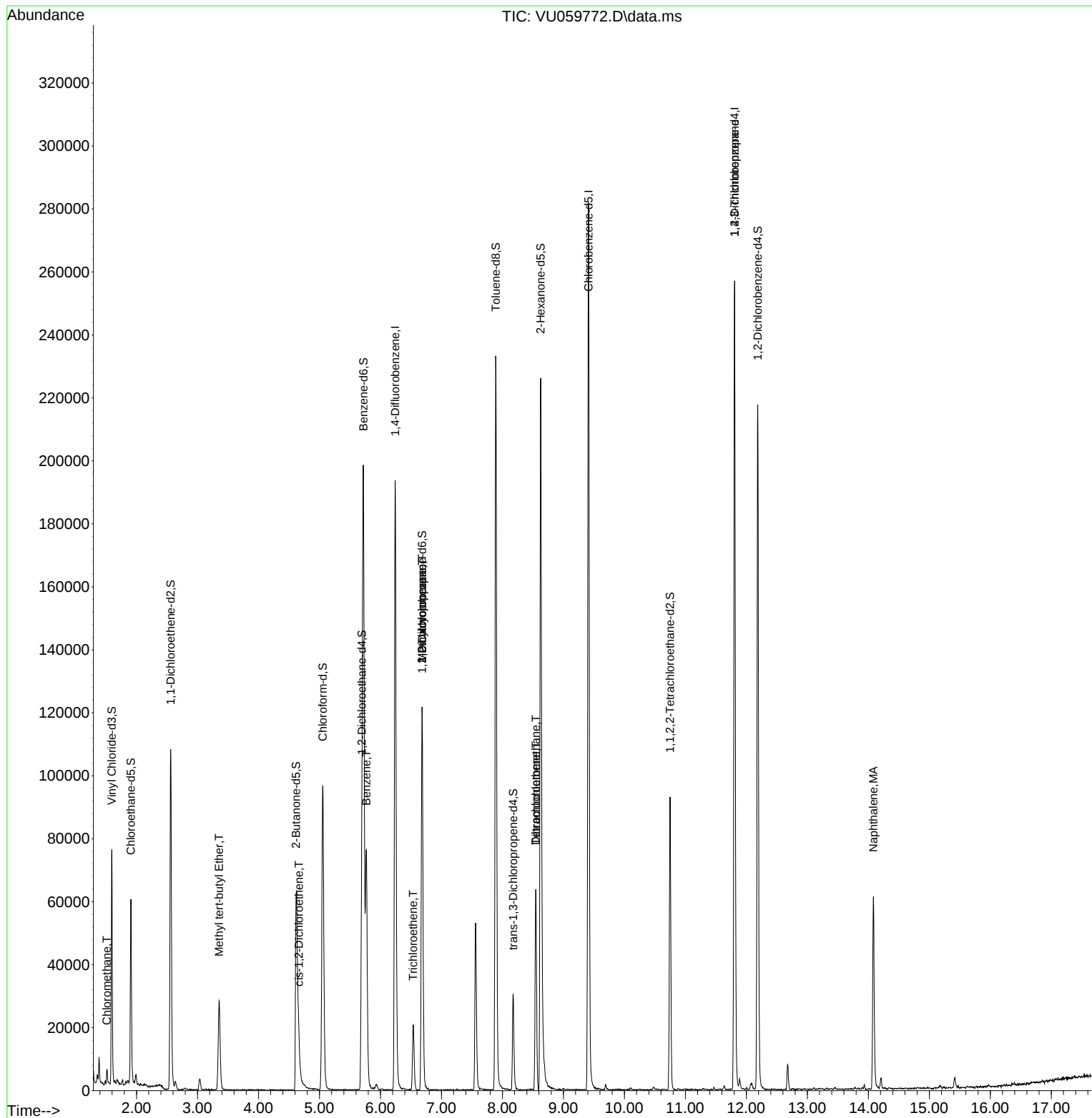
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	168817	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	169883	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	74494	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	54007	4.601	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.000%
7) Chloroethane-d5	1.907	69	44519	3.942	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.800%
11) 1,1-Dichloroethene-d2	2.560	65	21066	4.326	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.600%
20) 2-Butanone-d5	4.618	46	99319	41.075	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.140%
24) Chloroform-d	5.055	84	93120	3.865	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.200%
26) 1,2-Dichloroethane-d4	5.695	65	46793	4.032	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.600%
32) Benzene-d6	5.721	84	197645	4.227	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.600%
36) 1,2-Dichloropropane-d6	6.682	67	61187	4.271	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.400%
41) Toluene-d8	7.891	98	168740	3.882	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.600%
43) trans-1,3-Dichloroprop...	8.177	79	18694	4.167	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.400%
46) 2-Hexanone-d5	8.627	63	80271	43.063	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.120%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	48837	4.126	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	63112	4.760	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.515	50	3484	0.226	ug/L	96
17) Methyl tert-butyl Ether	3.354	73	31187	1.209	ug/L	97
22) cis-1,2-Dichloroethene	4.663	96	3767	0.274	ug/L #	70
33) Benzene	5.769	78	77604	1.504	ug/L	100
34) Trichloroethene	6.537	95	7388	0.529	ug/L	98
35) Methylcyclohexane	6.682	83	14909	0.750	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	6054	0.453	ug/L #	90
47) Tetrachloroethene	8.547	164	15294	1.411	ug/L	95
49) Dibromochloromethane	8.547	129	14543	1.334	ug/L #	12
61) 1,2,3-Trichloropropane	11.807	75	8227	1.195	ug/L #	70
71) Naphthalene	14.084	128	55747	2.931	ug/L	97

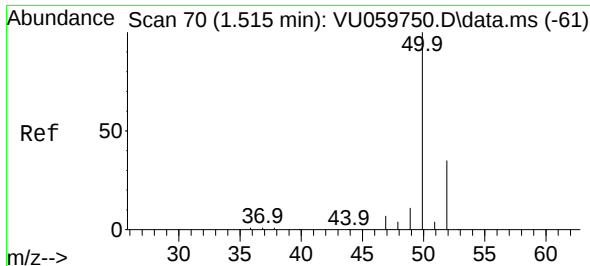
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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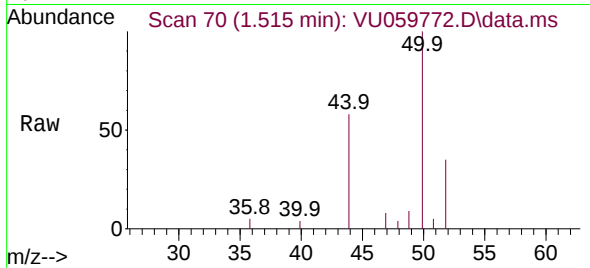
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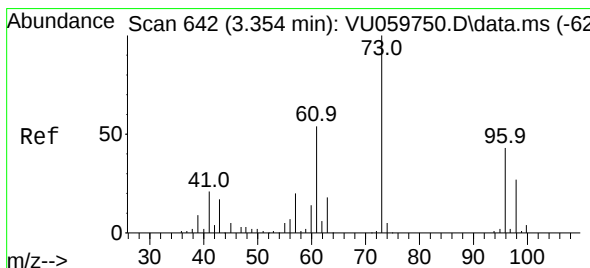
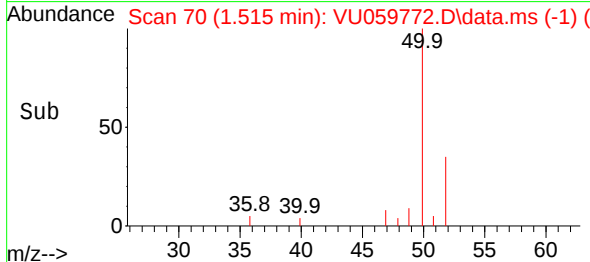
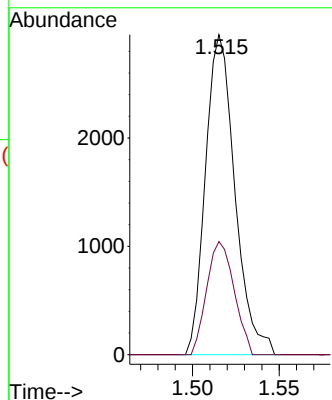


#3
Chloromethane
Concen: 0.226 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU059772.D
Acq: 03 Jul 2024 05:07

Instrument :
MSVOA_U
ClientSampleId :

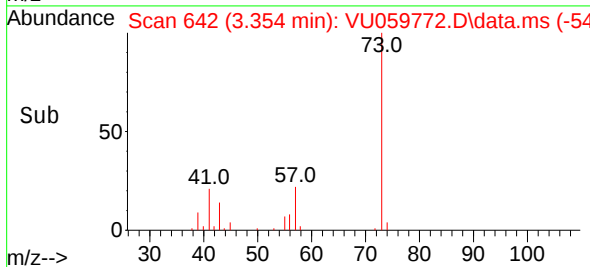
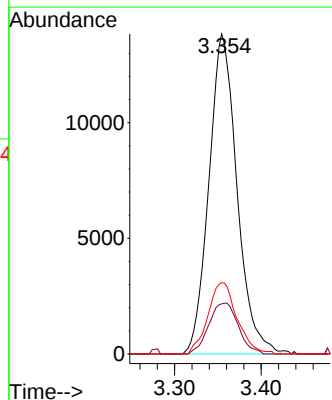
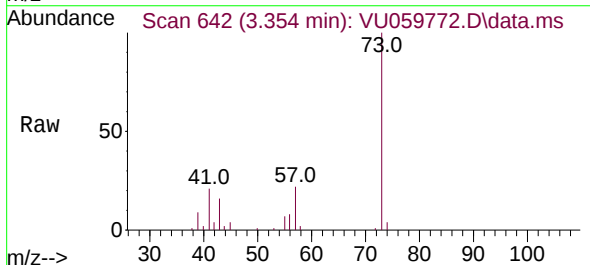


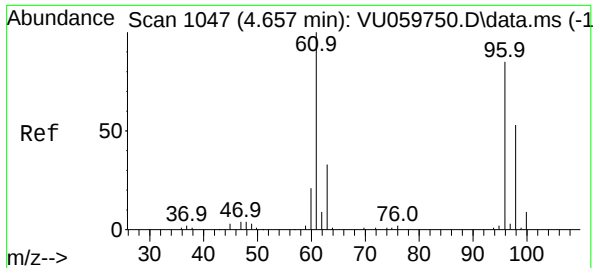
Tgt Ion: 50 Resp: 3484
Ion Ratio Lower Upper
50 100
52 35.3 23.2 43.0



#17
Methyl tert-butyl Ether
Concen: 1.209 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU059772.D
Acq: 03 Jul 2024 05:07

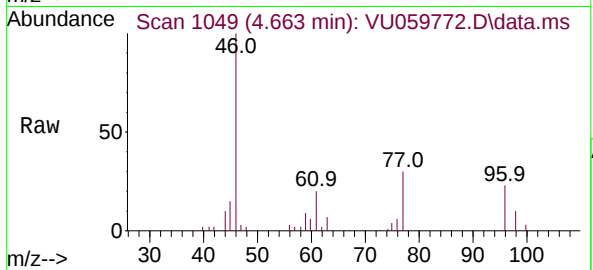
Tgt Ion: 73 Resp: 31187
Ion Ratio Lower Upper
73 100
43 16.7 14.9 22.3
57 23.1 18.0 27.0



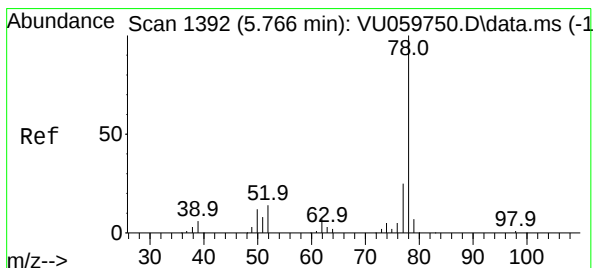
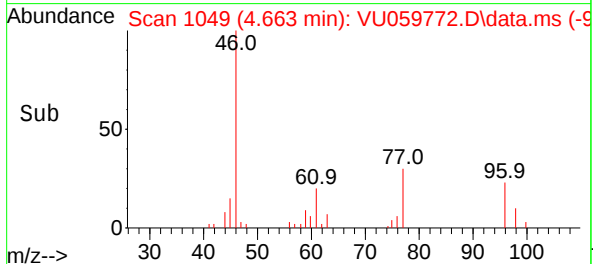
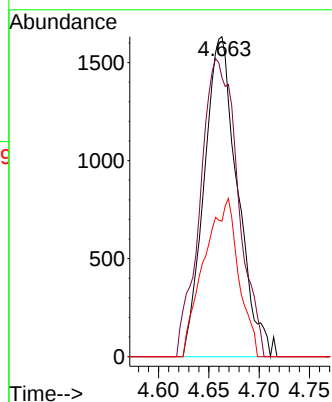


#22
cis-1,2-Dichloroethene
Concen: 0.274 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.006 min
Lab File: VU059772.D
Acq: 03 Jul 2024 05:07

Instrument :
MSVOA_U
ClientSampleId :

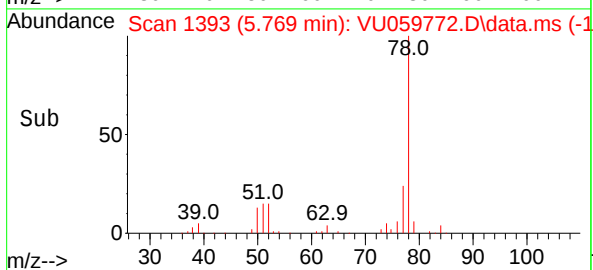
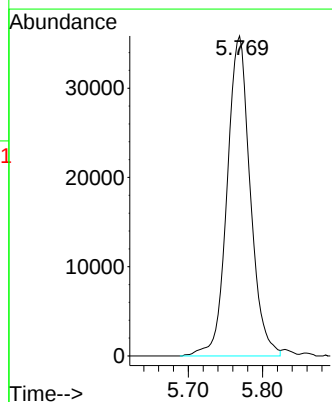
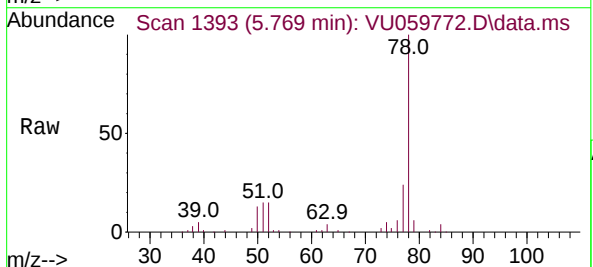


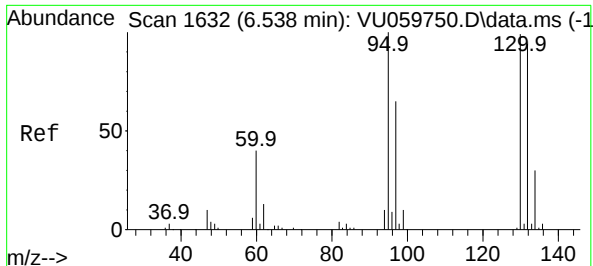
Tgt Ion: 96 Resp: 3767
Ion Ratio Lower Upper
96 100
61 87.2 87.4 162.2#
98 42.3 42.3 78.5



#33
Benzene
Concen: 1.504 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.003 min
Lab File: VU059772.D
Acq: 03 Jul 2024 05:07

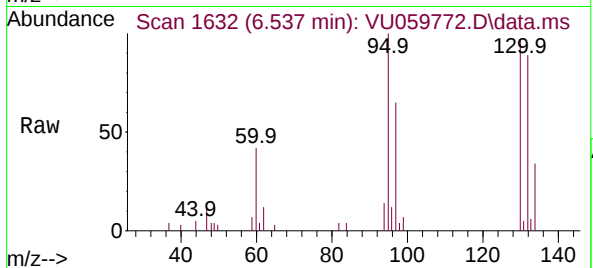
Tgt Ion: 78 Resp: 77604





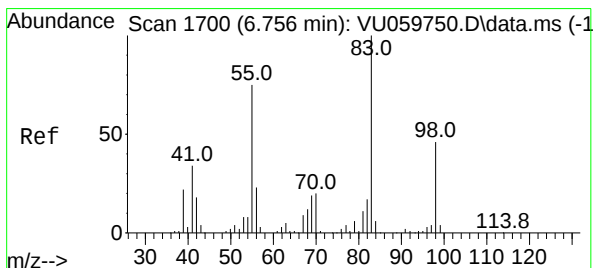
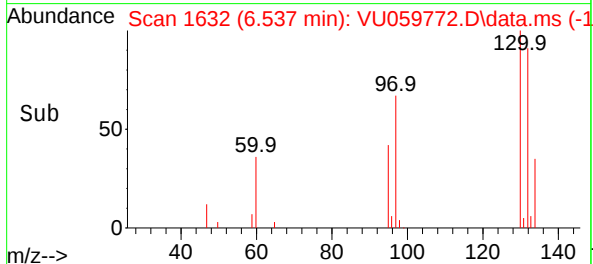
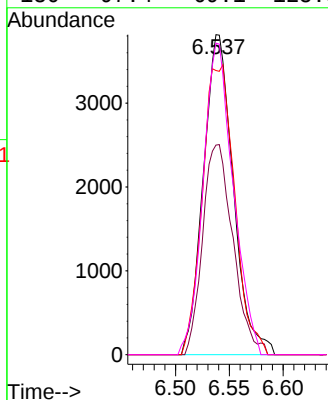
#34
Trichloroethene
Concen: 0.529 ug/L
RT: 6.537 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VU059772.D
Acq: 03 Jul 2024 05:07

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 7388

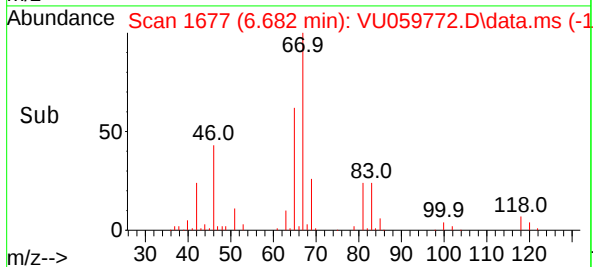
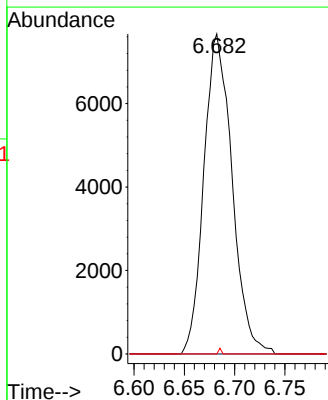
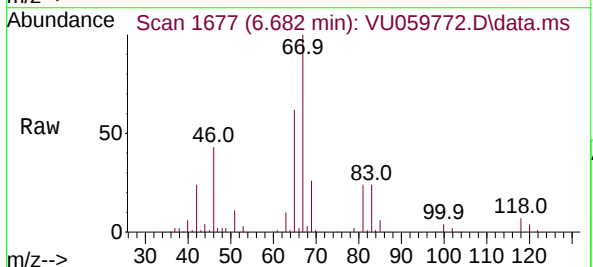
Ion	Ratio	Lower	Upper
95	100		
97	65.5	45.3	84.1
132	88.8	64.0	119.0
130	97.4	69.1	128.3

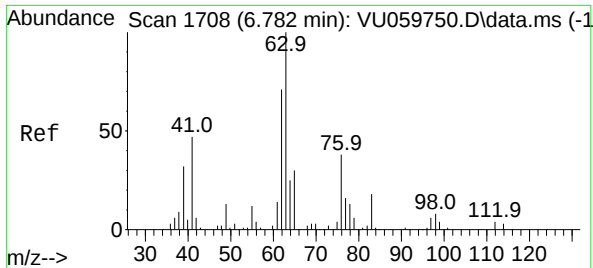


#35
Methylcyclohexane
Concen: 0.750 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU059772.D
Acq: 03 Jul 2024 05:07

Tgt Ion: 83 Resp: 14909

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.7	94.1#
98	0.2	35.4	53.0#

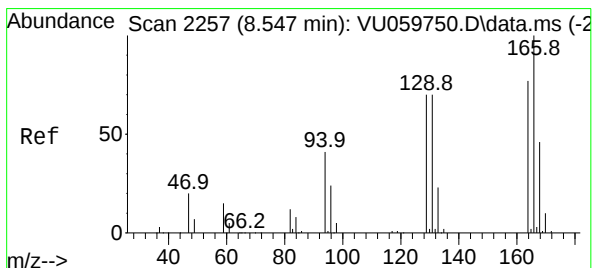
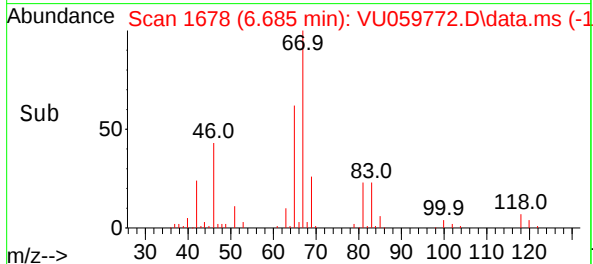
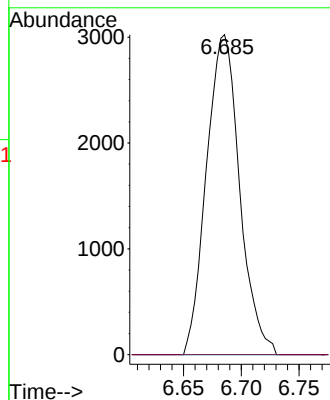
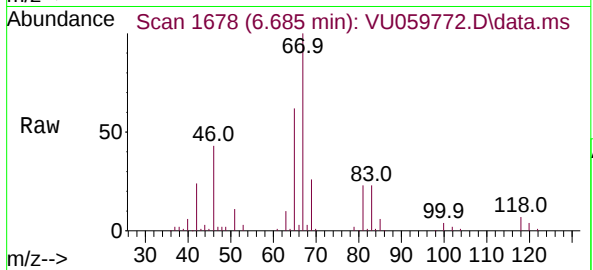




#37
1,2-Dichloropropane
Concen: 0.453 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.096 min
Lab File: VU059772.D
Acq: 03 Jul 2024 05:07

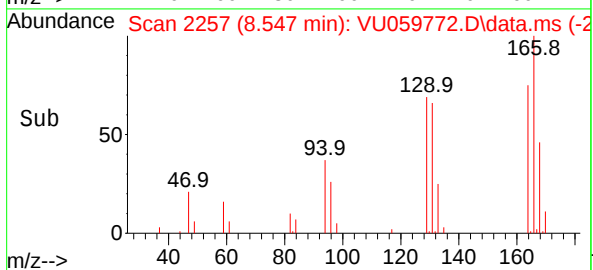
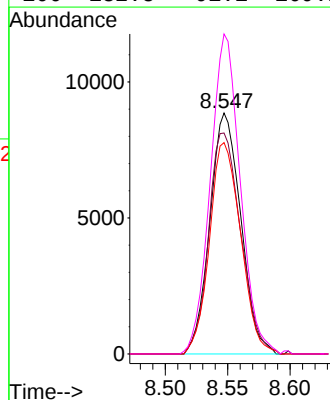
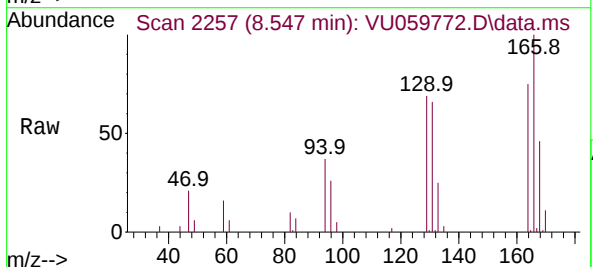
Instrument :
MSVOA_U
ClientSampleId :

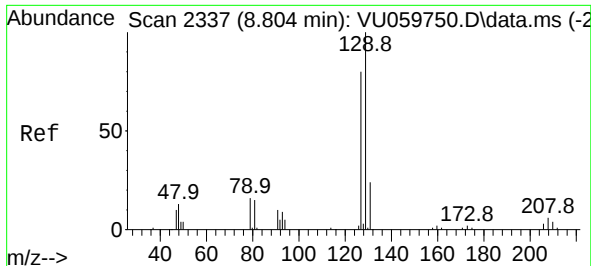
Tgt Ion: 63 Resp: 6054
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#



#47
Tetrachloroethene
Concen: 1.411 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU059772.D
Acq: 03 Jul 2024 05:07

Tgt Ion:164 Resp: 15294
Ion Ratio Lower Upper
164 100
129 91.7 70.8 131.4
131 87.7 64.8 120.3
166 132.8 91.1 169.1





#49

Dibromochloromethane

Concen: 1.334 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.257 min MSVOA_U

Lab File: VU059772.D

Acq: 03 Jul 2024 05:07

Instrument :

MSVOA_U

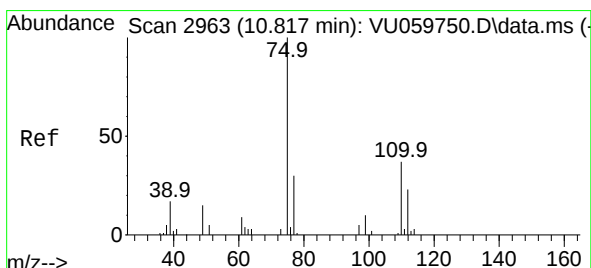
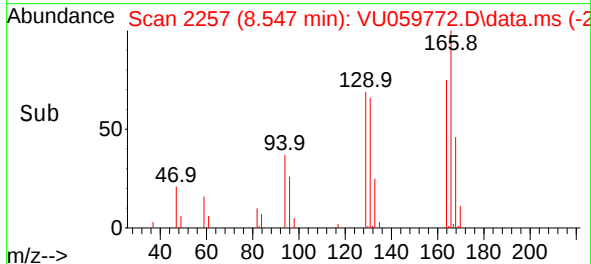
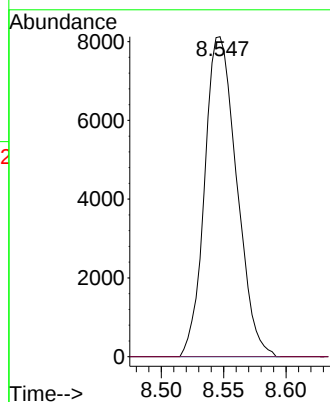
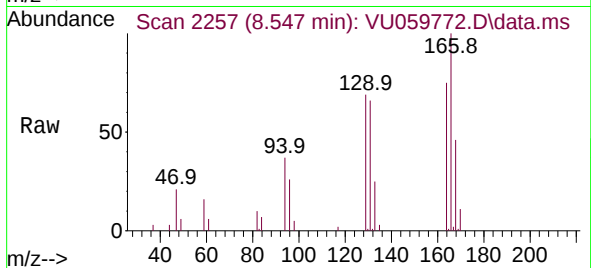
ClientSampleId :

Tgt Ion:129 Resp: 14543

Ion Ratio Lower Upper

129 100

127 0.0 52.5 97.5#



#61

1,2,3-Trichloropropane

Concen: 1.195 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU059772.D

Acq: 03 Jul 2024 05:07

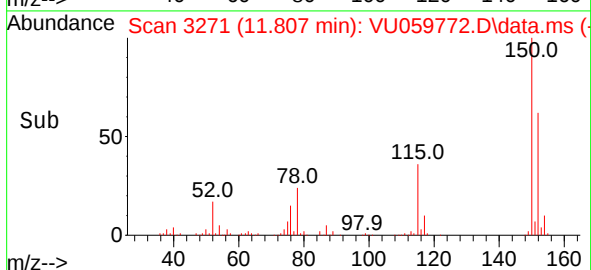
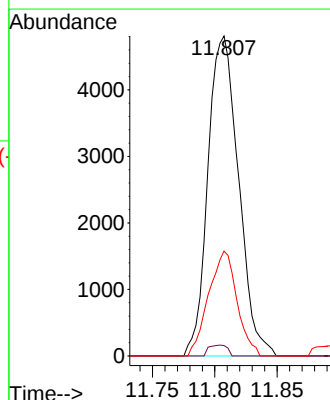
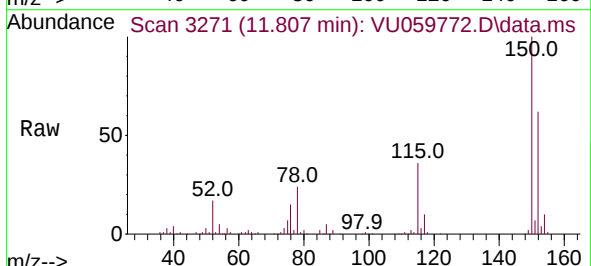
Tgt Ion: 75 Resp: 8227

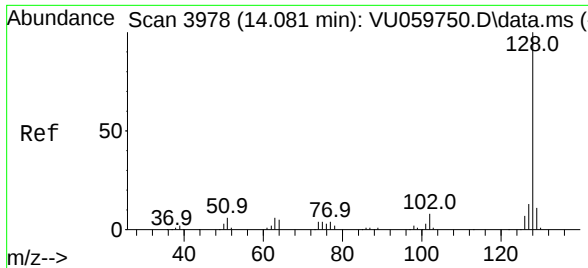
Ion Ratio Lower Upper

75 100

110 2.1 27.1 40.7#

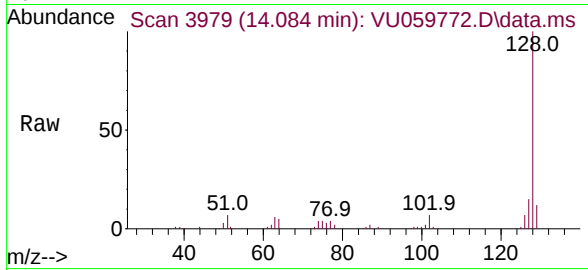
77 30.3 25.4 38.2





#71
 Naphthalene
 Concen: 2.931 ug/L
 RT: 14.084 min Scan# 3978
 Delta R.T. 0.003 min
 Lab File: VU059772.D
 Acq: 03 Jul 2024 05:07

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	128	Resp:	55747
Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.2	12.4
127	14.3	10.2	15.4

