

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041124\
 Data File : VU058610.D
 Acq On : 11 Apr 2024 16:00
 Operator : MD/SY
 Sample : P1948-20 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COAL5

Quant Time: Apr 12 02:28:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 12 02:25:12 2024
 Response via : Initial Calibration

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

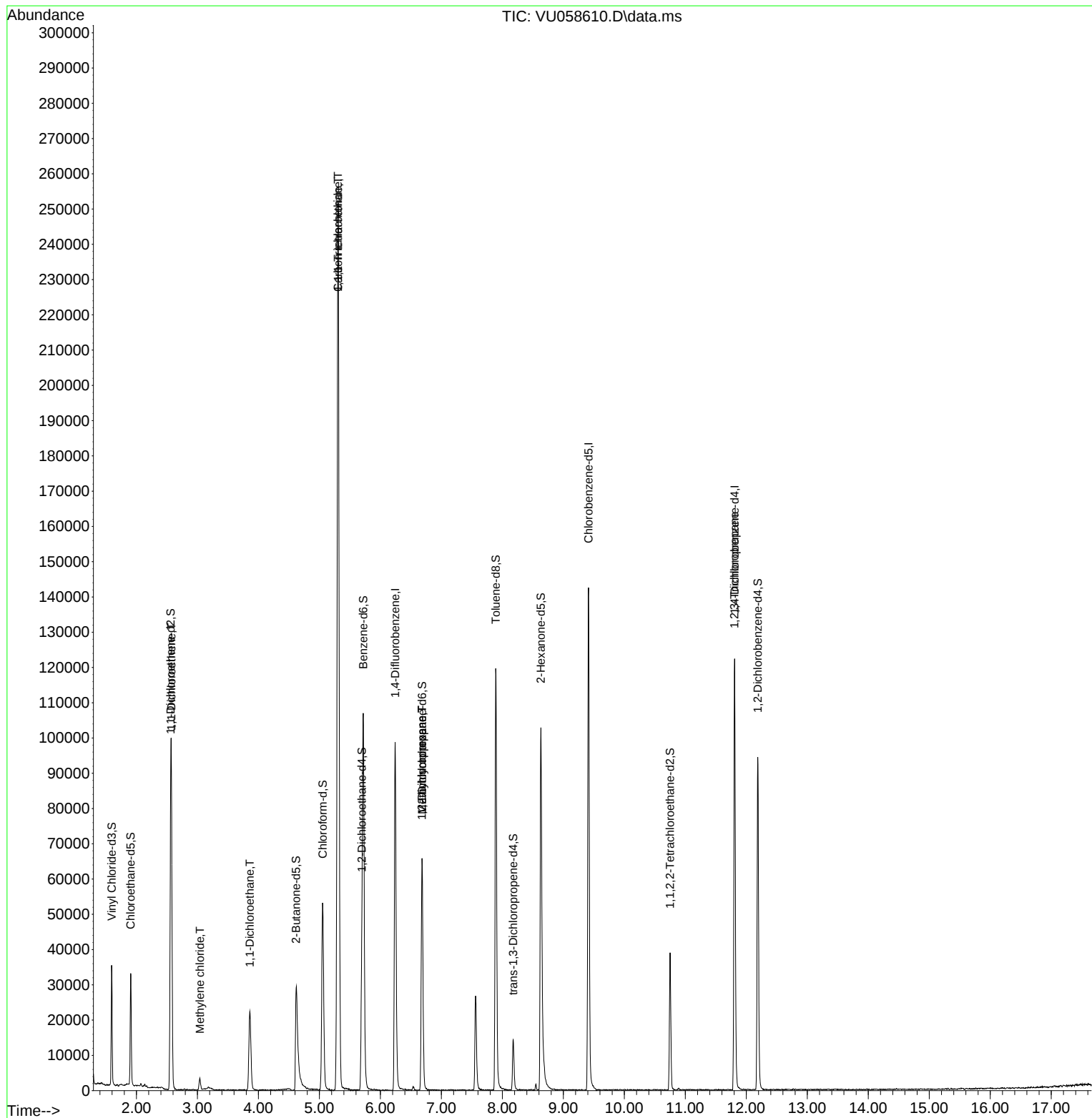
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	75597	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	75988	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	31351	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	22533	4.502	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.000%
7) Chloroethane-d5	1.904	69	21338	4.906	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.200%
11) 1,1-Dichloroethene-d2	2.560	65	11293	4.985	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.800%
20) 2-Butanone-d5	4.618	46	51039	48.390	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.780%
24) Chloroform-d	5.052	84	49421	4.946	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
26) 1,2-Dichloroethane-d4	5.695	65	24761	5.310	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.200%
32) Benzene-d6	5.718	84	96946	4.739	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
36) 1,2-Dichloropropane-d6	6.682	67	31267	4.873	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.400%
41) Toluene-d8	7.891	98	79284	4.370	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.400%
43) trans-1,3-Dichloroprop...	8.177	79	8923	4.481	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.600%
46) 2-Hexanone-d5	8.631	63	35048	42.668	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.340%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	19768	4.365	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	24428	4.626	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.600%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.573	96	20731	3.869	ug/L	93
16) Methylene chloride	3.039	84	1405	0.198	ug/L	94
19) 1,1-Dichloroethane	3.859	63	26974	2.201	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	175849	17.260	ug/L	98
31) Carbon tetrachloride	5.306	117	21452	2.486	ug/L	97
35) Methylcyclohexane	6.682	83	7040	0.673	ug/L #	17
37) 1,2-Dichloropropane	6.679	63	3392	0.468	ug/L #	90
61) 1,2,3-Trichloropropane	11.804	75	4606	1.440	ug/L #	71

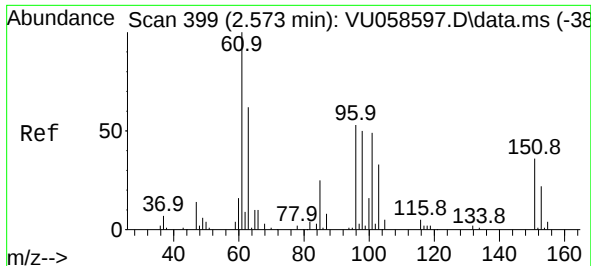
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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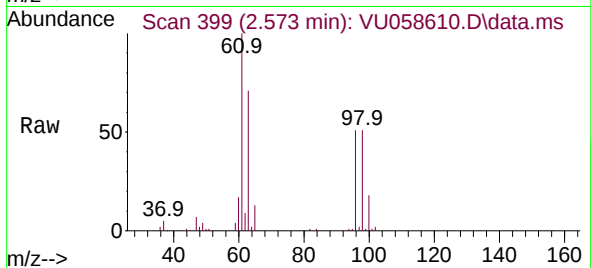
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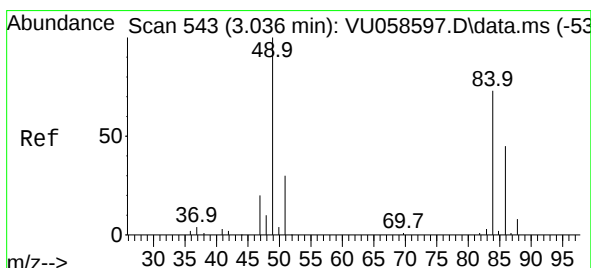
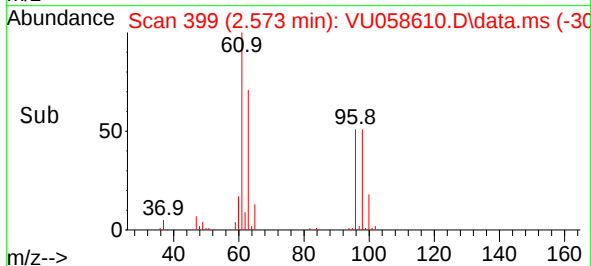
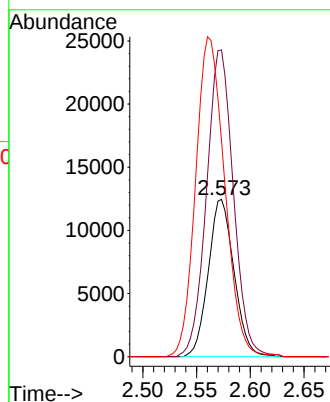


#12
1,1-Dichloroethene
Concen: 3.869 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU058610.D
Acq: 11 Apr 2024 16:00

Instrument :
MSVOA_U
ClientSampleId :
COAL5

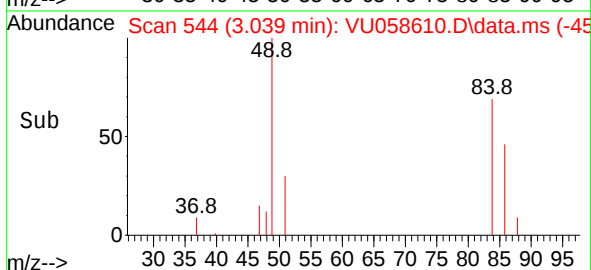
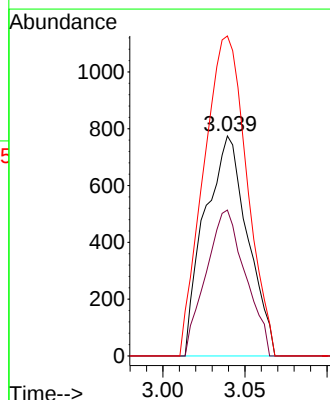
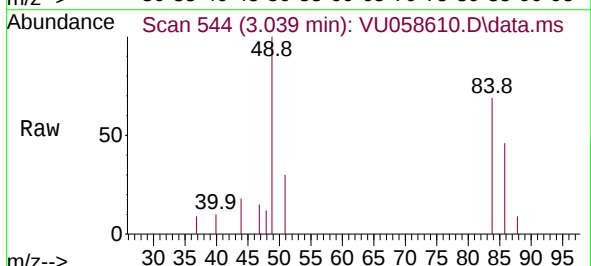


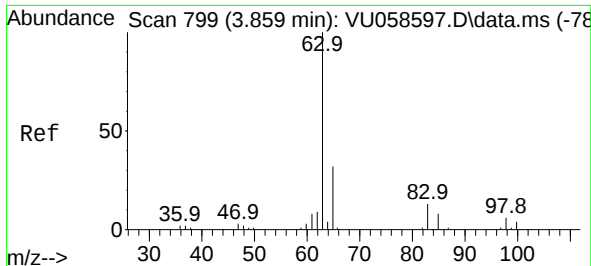
Tgt Ion:	96	Resp:	20731
Ion	Ratio	Lower	Upper
96	100		
61	195.1	132.5	246.1
63	137.7	87.7	162.9



#16
Methylene chloride
Concen: 0.198 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.003 min
Lab File: VU058610.D
Acq: 11 Apr 2024 16:00

Tgt Ion:	84	Resp:	1405
Ion	Ratio	Lower	Upper
84	100		
86	66.3	44.3	82.3
49	145.4	96.0	178.2

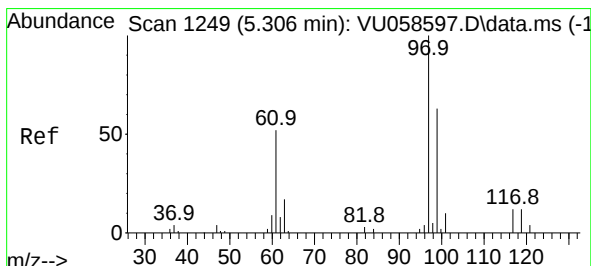
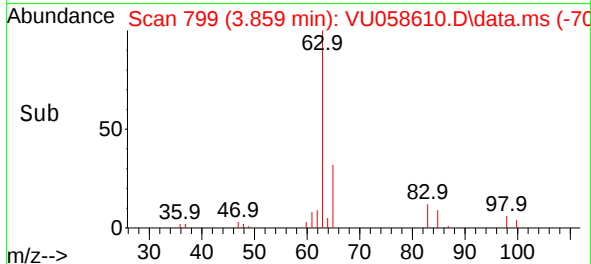
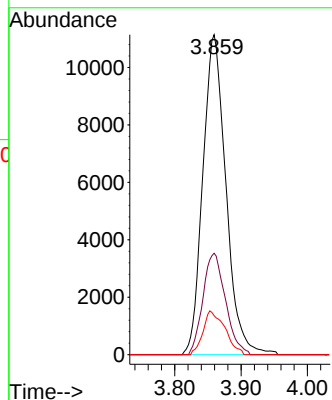
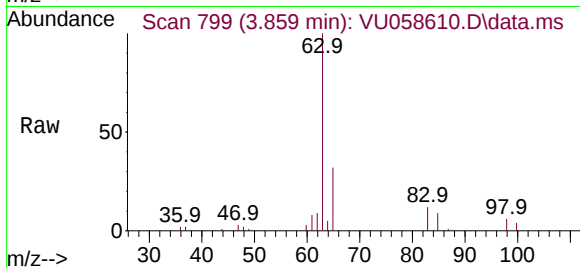




#19
1,1-Dichloroethane
Concen: 2.201 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU058610.D
Acq: 11 Apr 2024 16:00

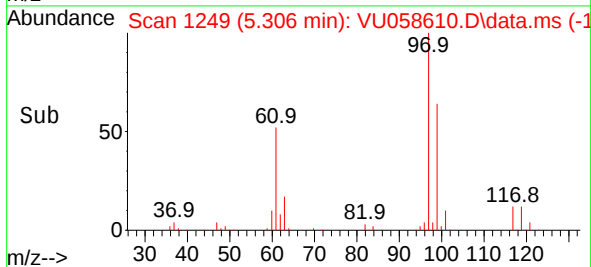
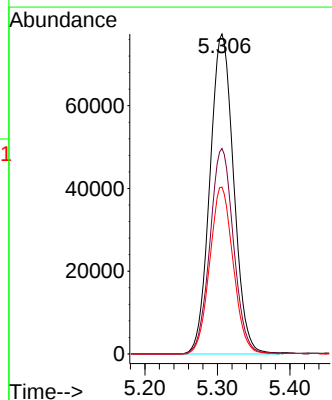
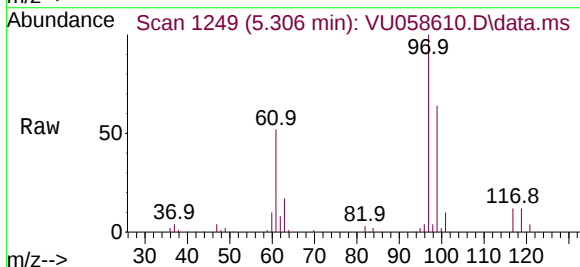
Instrument :
MSVOA_U
ClientSampleId :
COAL5

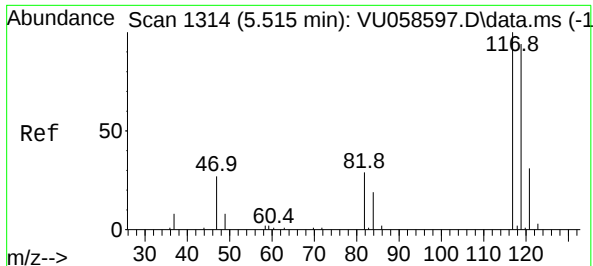
Tgt Ion:	63	Resp:	26974
Ion	Ratio	Lower	Upper
63	100		
65	31.7	22.9	42.5
83	12.2	9.6	17.8



#29
1,1,1-Trichloroethane
Concen: 17.260 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU058610.D
Acq: 11 Apr 2024 16:00

Tgt Ion:	97	Resp:	175849
Ion	Ratio	Lower	Upper
97	100		
99	64.1	50.4	75.6
61	51.6	39.4	59.0

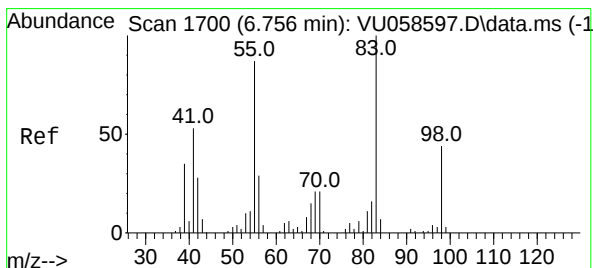
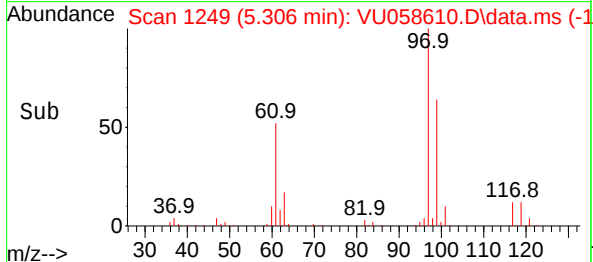
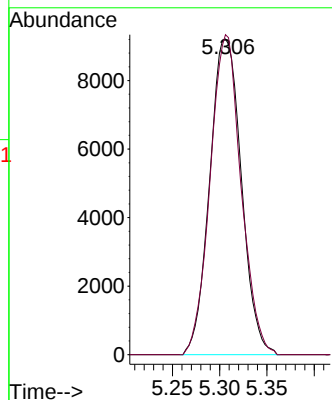
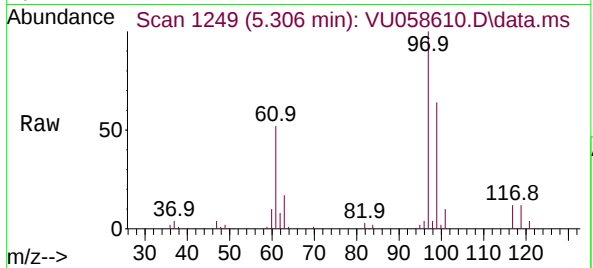




#31
Carbon tetrachloride
Concen: 2.486 ug/L
RT: 5.306 min Scan# 117
Delta R.T. -0.209 min
Lab File: VU058610.D
Acq: 11 Apr 2024 16:00

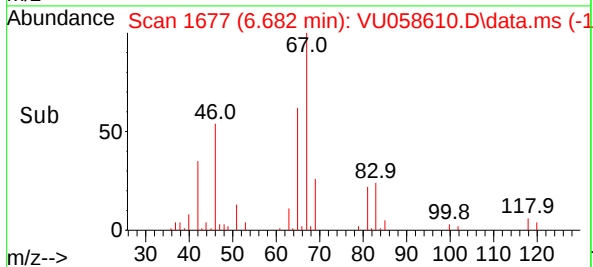
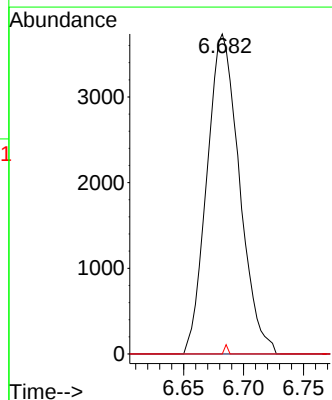
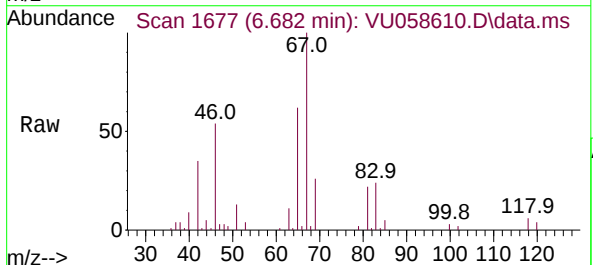
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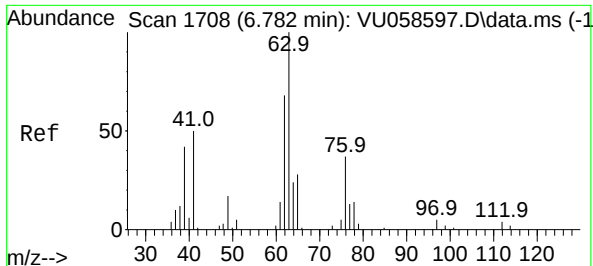
Tgt Ion:117 Resp: 21452
Ion Ratio Lower Upper
117 100
119 98.9 76.7 115.1



#35
Methylcyclohexane
Concen: 0.673 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU058610.D
Acq: 11 Apr 2024 16:00

Tgt Ion: 83 Resp: 7040
Ion Ratio Lower Upper
83 100
55 0.0 66.2 99.4#
98 0.3 34.6 52.0#

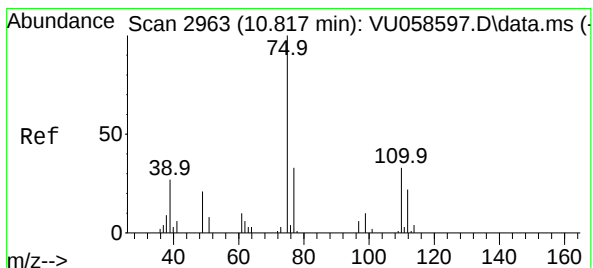
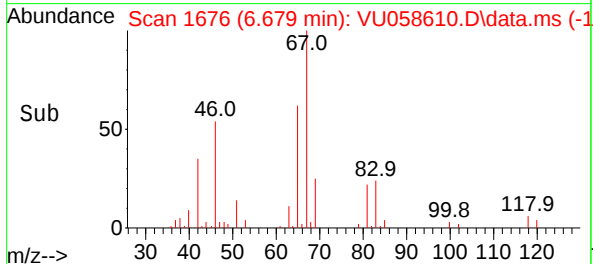
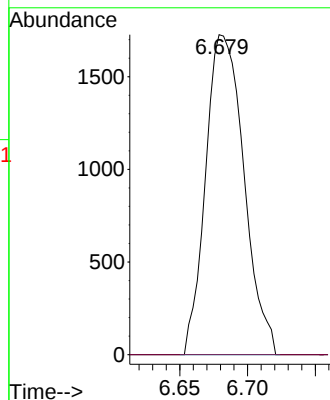
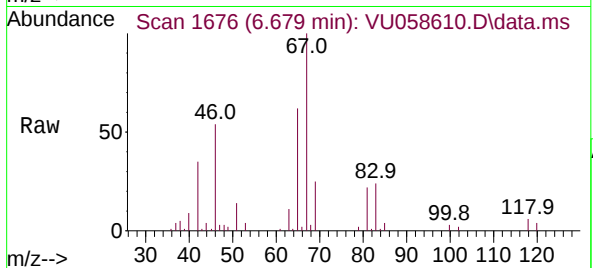




#37
1,2-Dichloropropane
Concen: 0.468 ug/L
RT: 6.679 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU058610.D
Acq: 11 Apr 2024 16:00

Instrument :
MSVOA_U
ClientSampleId :
COAL5

Tgt Ion: 63 Resp: 3392
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#



#61
1,2,3-Trichloropropane
Concen: 1.440 ug/L
RT: 11.804 min Scan# 3270
Delta R.T. 0.987 min
Lab File: VU058610.D
Acq: 11 Apr 2024 16:00

Tgt Ion: 75 Resp: 4606
Ion Ratio Lower Upper
75 100
110 0.9 25.8 38.6#
77 31.9 25.1 37.7

