

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040824\
 Data File : VU058473.D
 Acq On : 08 Apr 2024 17:01
 Operator : MD/SY
 Sample : P1948-14DL 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 09 04:26:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 09 04:22:28 2024
 Response via : Initial Calibration

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

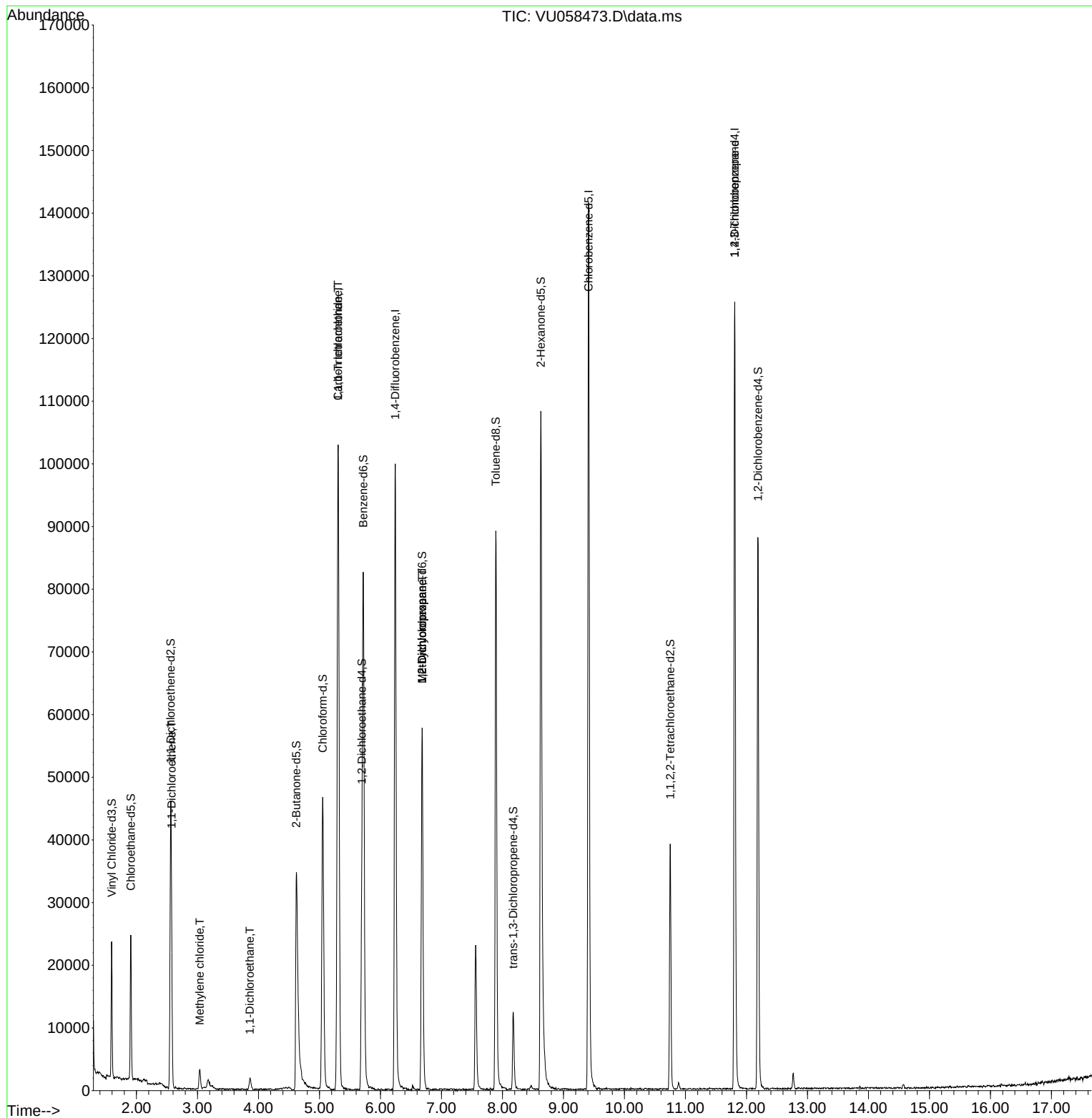
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	78433	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	75944	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	33112	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	14930	2.875	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	57.600%
7) Chloroethane-d5	1.908	69	15974	3.540	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.800%
11) 1,1-Dichloroethene-d2	2.560	65	7051	3.000	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.000%
20) 2-Butanone-d5	4.621	46	57387	52.441	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.880%
24) Chloroform-d	5.052	84	44006	4.245	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
26) 1,2-Dichloroethane-d4	5.695	65	21970	4.541	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
32) Benzene-d6	5.718	84	76081	3.721	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.400%
36) 1,2-Dichloropropane-d6	6.682	67	27768	4.331	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.600%
41) Toluene-d8	7.891	98	60267	3.324	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.400%#
43) trans-1,3-Dichloroprop...	8.177	79	7644	3.841	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.800%
46) 2-Hexanone-d5	8.628	63	37820	46.069	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.140%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	20997	4.639	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	23099	4.142	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.800%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.573	96	5950	1.070	ug/L #	60
16) Methylene chloride	3.036	84	1537	0.208	ug/L	81
19) 1,1-Dichloroethane	3.859	63	2721	0.214	ug/L #	81
29) 1,1,1-Trichloroethane	5.306	97	73496	7.218	ug/L	99
31) Carbon tetrachloride	5.306	117	9373	1.087	ug/L	99
35) Methylcyclohexane	6.682	83	5719	0.547	ug/L #	16
37) 1,2-Dichloropropane	6.682	63	2846	0.393	ug/L #	90
61) 1,2,3-Trichloropropane	11.807	75	4653	1.377	ug/L #	70

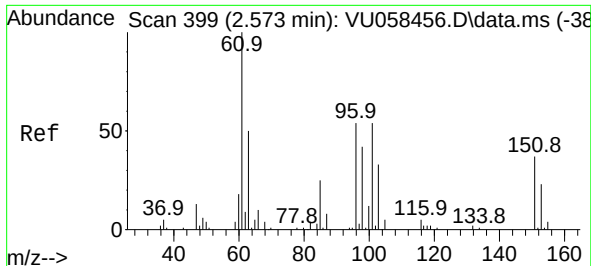
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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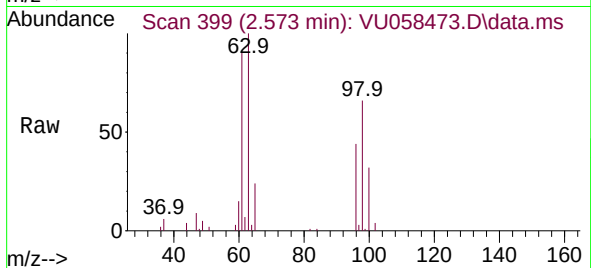
Quant Time: Apr 09 04:26:53 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
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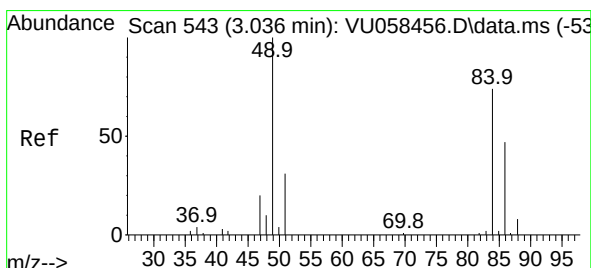
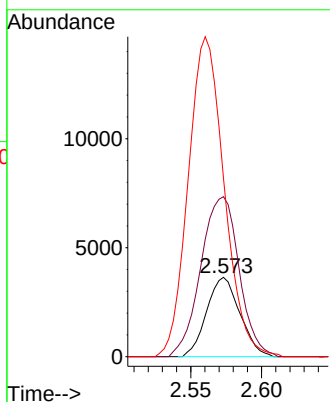
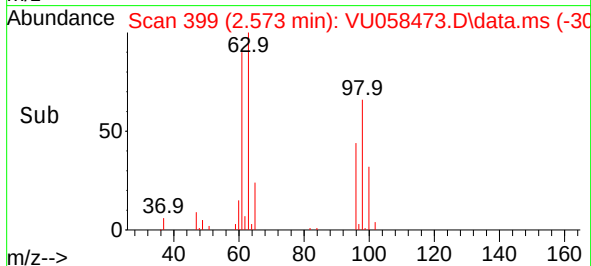


#12
1,1-Dichloroethene
Concen: 1.070 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU058473.D
Acq: 08 Apr 2024 17:01

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MSVOA_U
ClientSampleId :

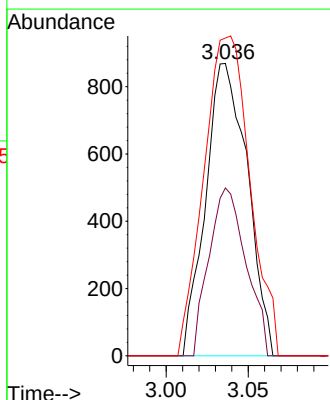
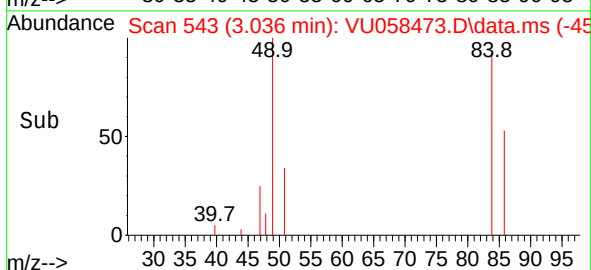
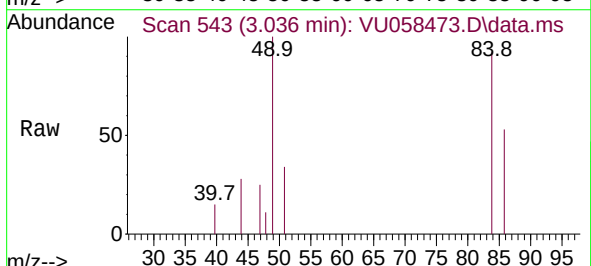


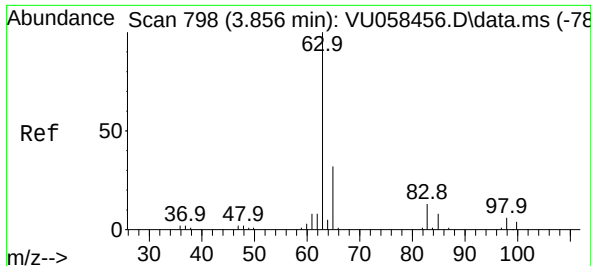
Tgt Ion: 96 Resp: 5950
Ion Ratio Lower Upper
96 100
61 201.7 132.5 246.1
63 225.1 87.7 162.9#



#16
Methylene chloride
Concen: 0.208 ug/L
RT: 3.036 min Scan# 543
Delta R.T. 0.000 min
Lab File: VU058473.D
Acq: 08 Apr 2024 17:01

Tgt Ion: 84 Resp: 1537
Ion Ratio Lower Upper
84 100
86 57.4 44.3 82.3
49 108.7 96.0 178.2





#19

1,1-Dichloroethane

Concen: 0.214 ug/L

RT: 3.859 min Scan# 798

Delta R.T. 0.004 min

Lab File: VU058473.D

Acq: 08 Apr 2024 17:01

Instrument :

MSVOA_U

ClientSampleId :

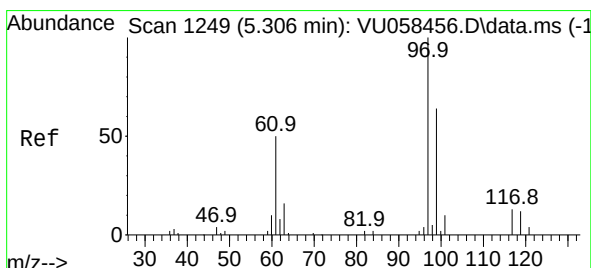
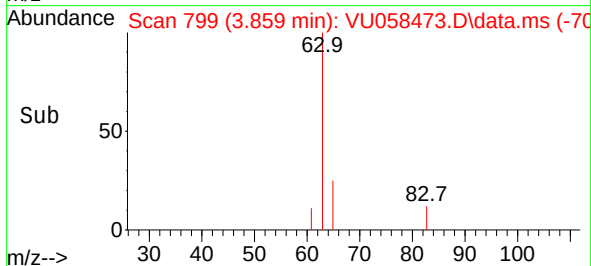
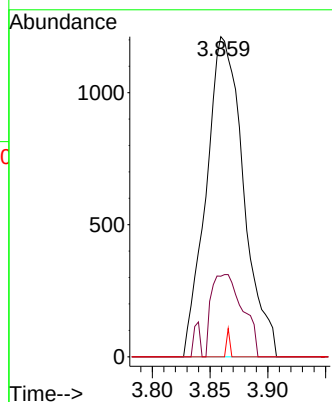
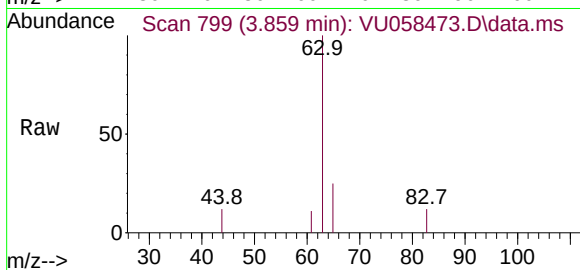
Tgt Ion: 63 Resp: 2721

Ion Ratio Lower Upper

63 100

65 25.2 22.9 42.5

83 0.0 9.6 17.8#



#29

1,1,1-Trichloroethane

Concen: 7.218 ug/L

RT: 5.306 min Scan# 1249

Delta R.T. 0.000 min

Lab File: VU058473.D

Acq: 08 Apr 2024 17:01

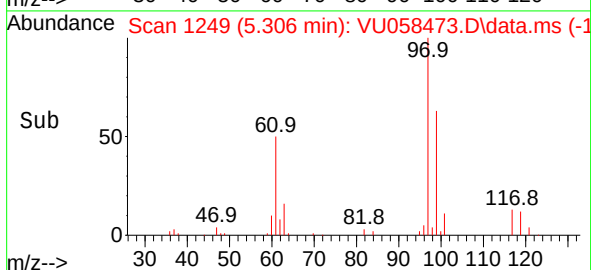
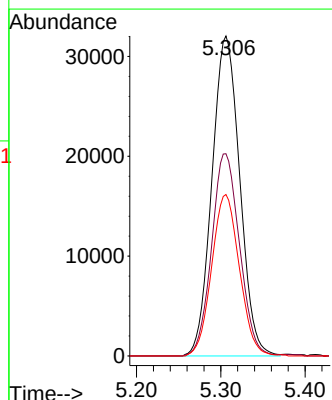
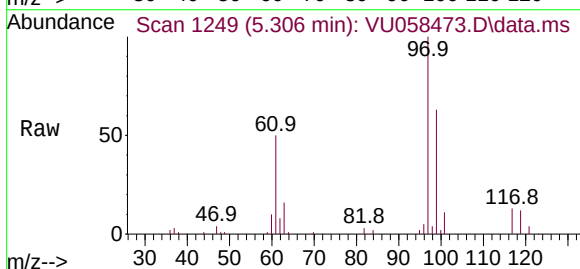
Tgt Ion: 97 Resp: 73496

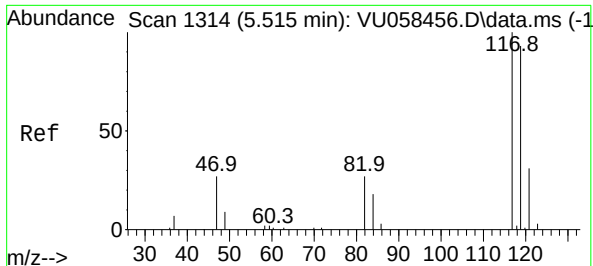
Ion Ratio Lower Upper

97 100

99 63.4 50.4 75.6

61 50.3 39.4 59.0

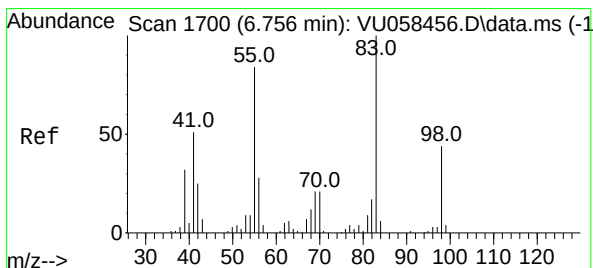
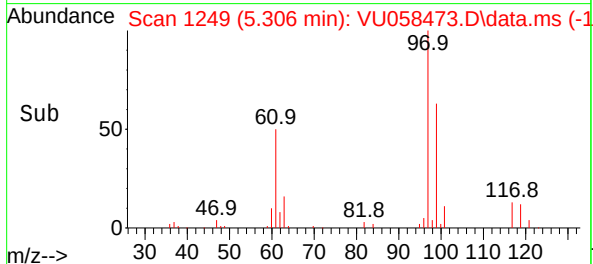
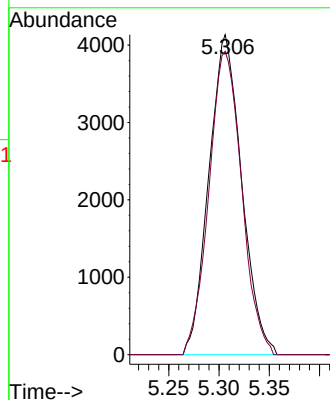
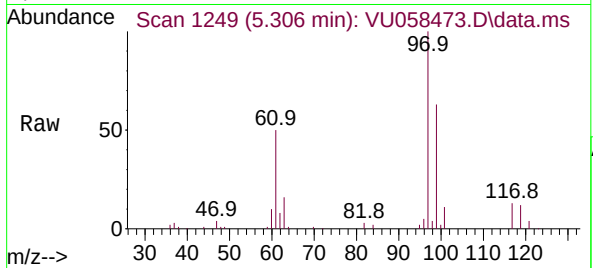




#31
Carbon tetrachloride
Concen: 1.087 ug/L
RT: 5.306 min Scan# 117
Delta R.T. -0.209 min
Lab File: VU058473.D
Acq: 08 Apr 2024 17:01

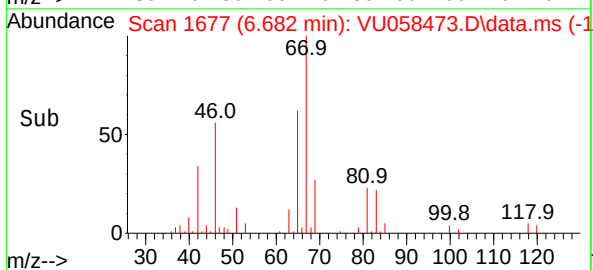
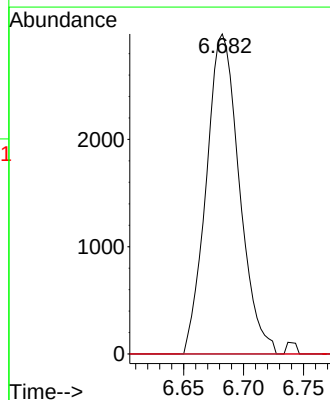
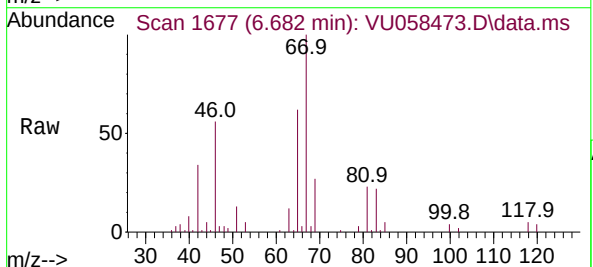
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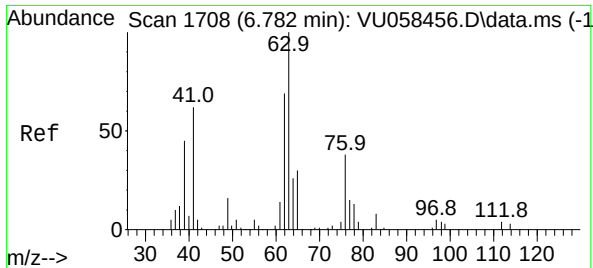
Tgt Ion:117 Resp: 9373
Ion Ratio Lower Upper
117 100
119 94.7 76.7 115.1



#35
Methylcyclohexane
Concen: 0.547 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU058473.D
Acq: 08 Apr 2024 17:01

Tgt Ion: 83 Resp: 5719
Ion Ratio Lower Upper
83 100
55 0.0 66.2 99.4#
98 0.0 34.6 52.0#

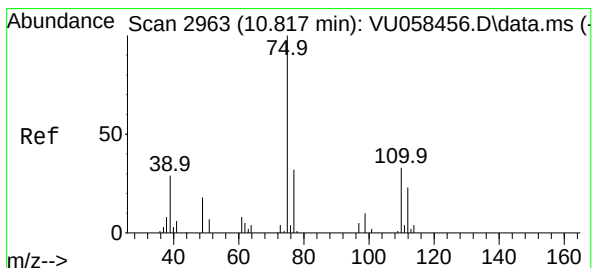
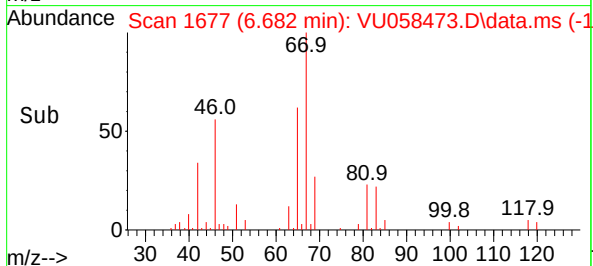
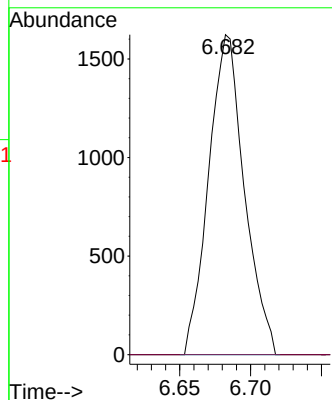
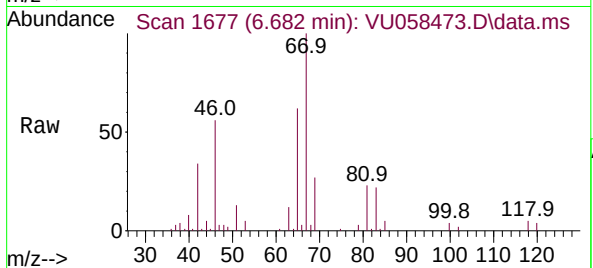




#37
1,2-Dichloropropane
Concen: 0.393 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.099 min
Lab File: VU058473.D
Acq: 08 Apr 2024 17:01

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 2846
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#



#61
1,2,3-Trichloropropane
Concen: 1.377 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.991 min
Lab File: VU058473.D
Acq: 08 Apr 2024 17:01

Tgt Ion: 75 Resp: 4653
Ion Ratio Lower Upper
75 100
110 1.0 25.8 38.6#
77 29.3 25.1 37.7

