

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040824\
 Data File : VU058476.D
 Acq On : 08 Apr 2024 18:11
 Operator : MD/SY
 Sample : P1948-16DL 1000X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 09 04:27:32 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)

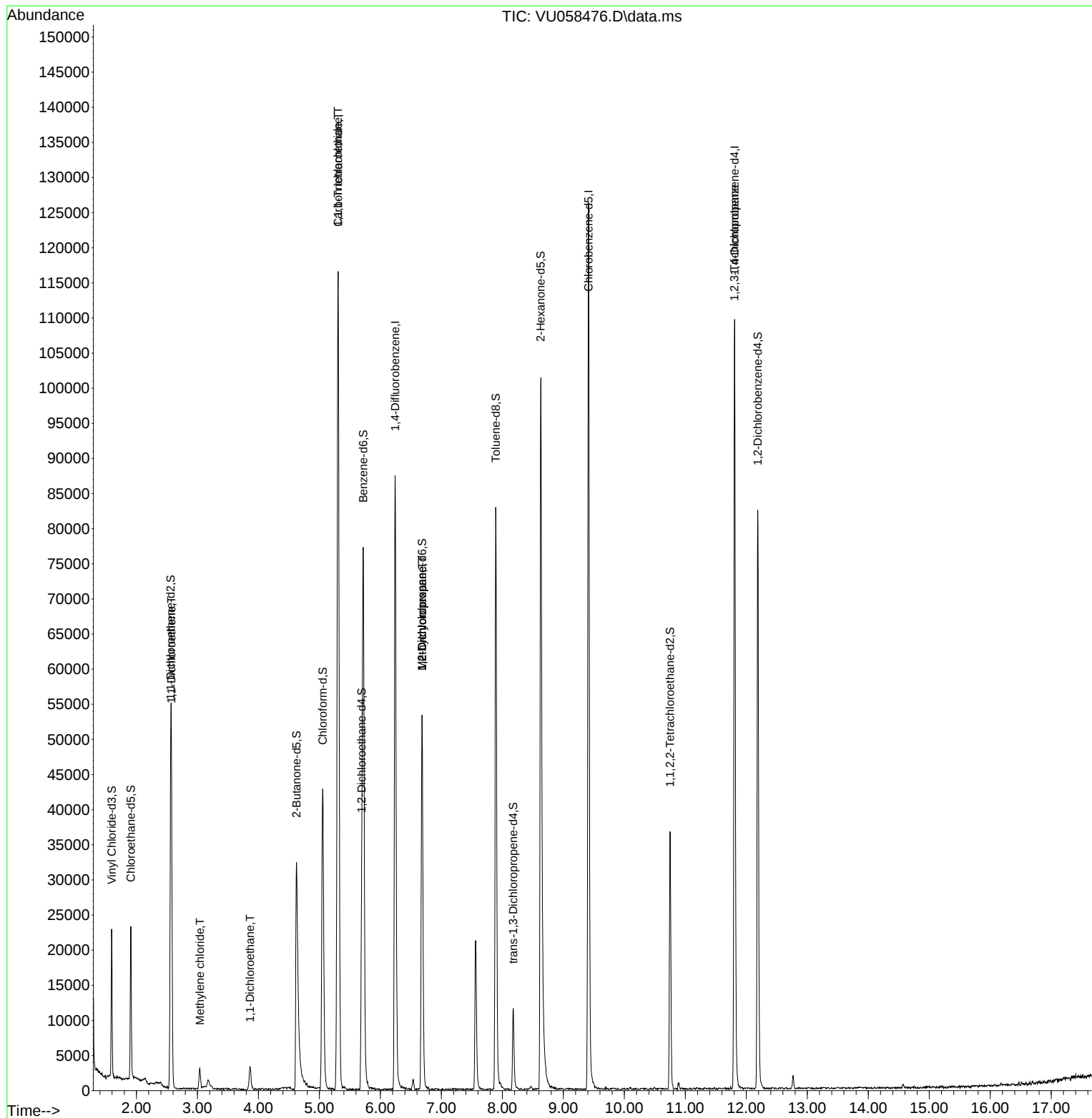
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	69075	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	67461	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	28795	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	14028	3.067	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	61.400%		
7) Chloroethane-d5	1.908	69	14529	3.656	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	73.200%		
11) 1,1-Dichloroethene-d2	2.560	65	6398	3.091	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	61.800%		
20) 2-Butanone-d5	4.624	46	53448	55.458	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	110.920%		
24) Chloroform-d	5.052	84	40899	4.480	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	89.600%		
26) 1,2-Dichloroethane-d4	5.692	65	20162	4.732	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	94.600%		
32) Benzene-d6	5.718	84	69711	3.838	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	76.800%		
36) 1,2-Dichloropropane-d6	6.682	67	26013	4.567	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	91.400%		
41) Toluene-d8	7.891	98	56054	3.480	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	69.600%#		
43) trans-1,3-Dichloroprop...	8.177	79	7331	4.146	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	83.000%		
46) 2-Hexanone-d5	8.628	63	36242	49.699	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	99.400%		
56) 1,1,2,2-Tetrachloroeth...	10.750	84	19337	4.809	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	96.200%		
66) 1,2-Dichlorobenzene-d4	12.187	152	21611	4.456	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	89.200%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.573	96	10929	2.233	ug/L	90
16) Methylene chloride	3.039	84	1362	0.210	ug/L	82
19) 1,1-Dichloroethane	3.862	63	4241	0.379	ug/L	92
29) 1,1,1-Trichloroethane	5.306	97	81470	9.007	ug/L	98
31) Carbon tetrachloride	5.306	117	10131	1.323	ug/L	100
35) Methylcyclohexane	6.682	83	5427	0.584	ug/L #	16
37) 1,2-Dichloropropane	6.682	63	2771	0.431	ug/L #	90
61) 1,2,3-Trichloropropane	11.804	75	4037	1.374	ug/L #	69

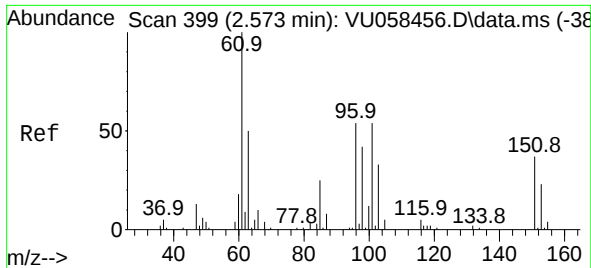
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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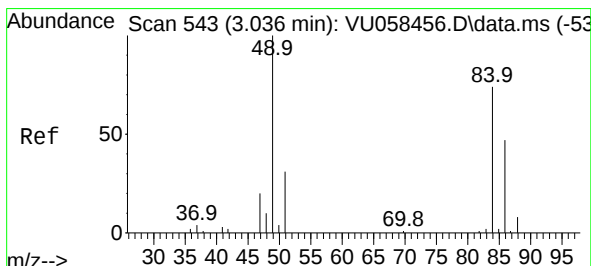
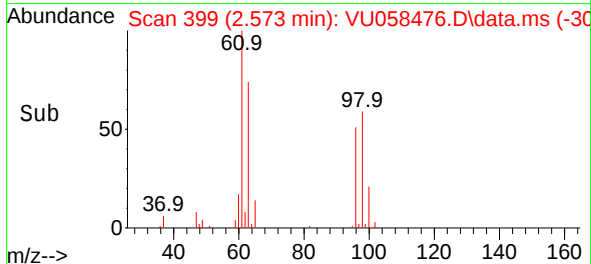
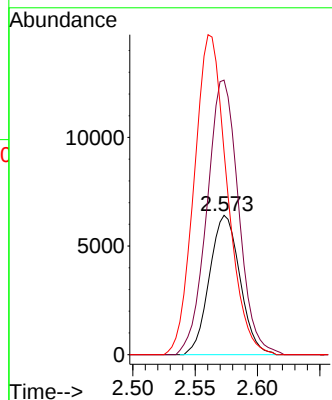
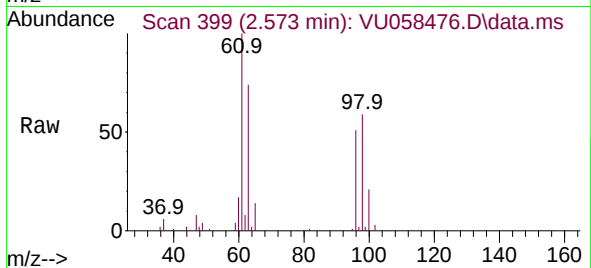




#12
1,1-Dichloroethene
Concen: 2.233 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU058476.D
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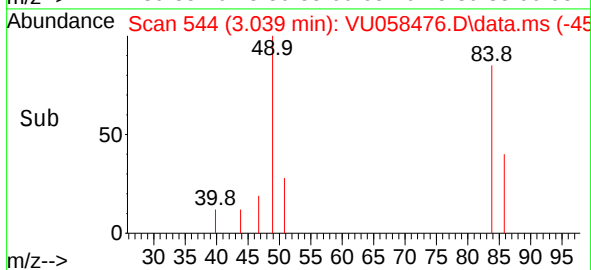
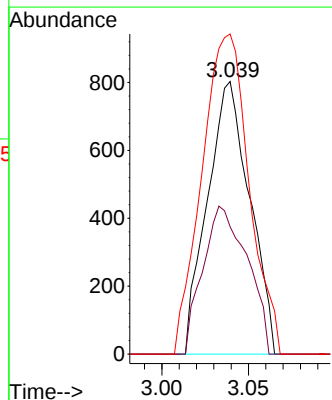
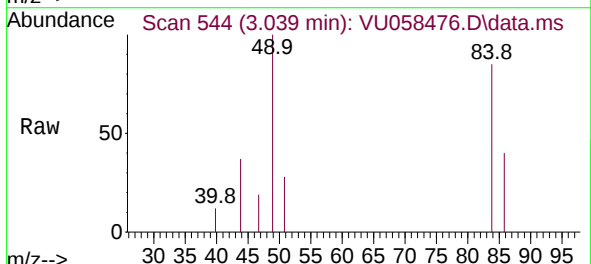
Instrument :
MSVOA_U
ClientSampleId :

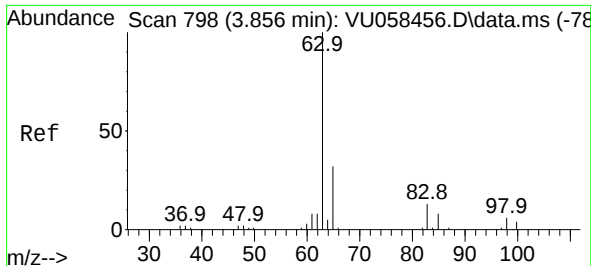
Tgt Ion: 96 Resp: 10929
Ion Ratio Lower Upper
96 100
61 197.1 132.5 246.1
63 145.8 87.7 162.9



#16
Methylene chloride
Concen: 0.210 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.004 min
Lab File: VU058476.D
Acq: 08 Apr 2024 18:11

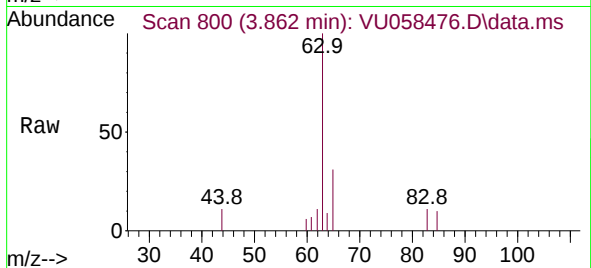
Tgt Ion: 84 Resp: 1362
Ion Ratio Lower Upper
84 100
86 46.7 44.3 82.3
49 117.4 96.0 178.2



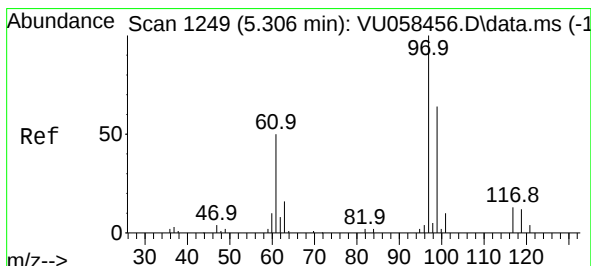
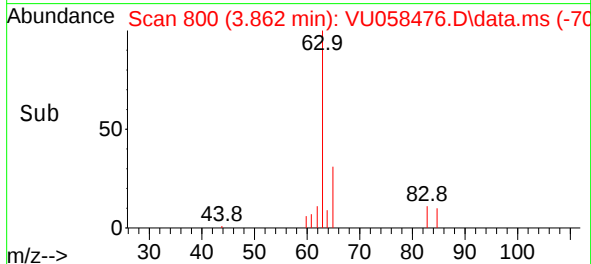
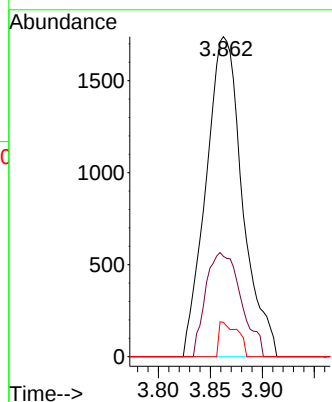


#19
1,1-Dichloroethane
Concen: 0.379 ug/L
RT: 3.862 min Scan# 800
Delta R.T. 0.007 min
Lab File: VU058476.D
Acq: 08 Apr 2024 18:11

Instrument :
MSVOA_U
ClientSampleId :

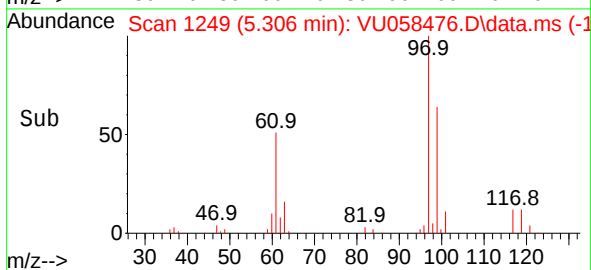
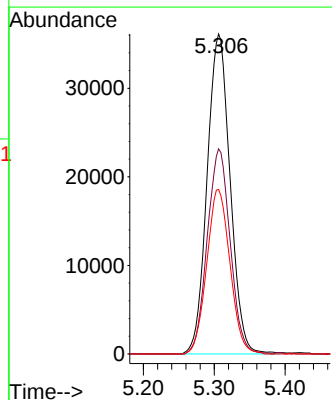
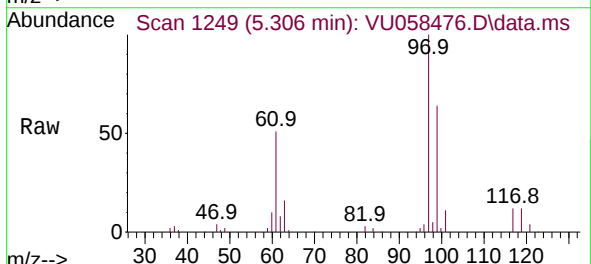


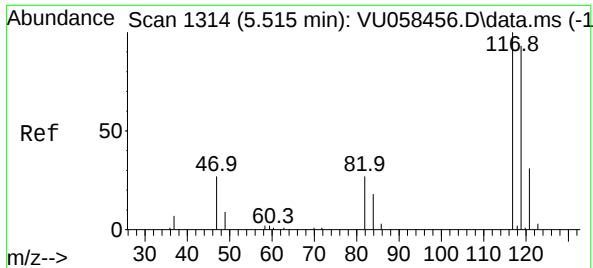
Tgt Ion: 63 Resp: 4241
Ion Ratio Lower Upper
63 100
65 28.8 22.9 42.5
83 9.9 9.6 17.8



#29
1,1,1-Trichloroethane
Concen: 9.007 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU058476.D
Acq: 08 Apr 2024 18:11

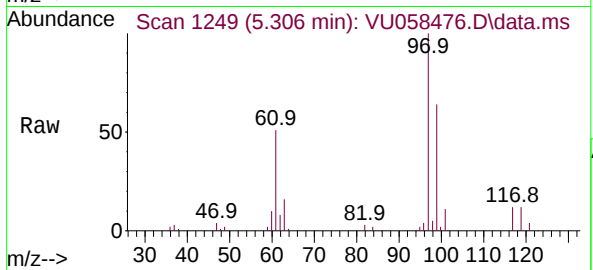
Tgt Ion: 97 Resp: 81470
Ion Ratio Lower Upper
97 100
99 63.9 50.4 75.6
61 51.9 39.4 59.0



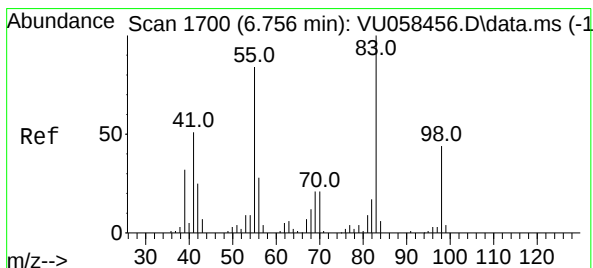
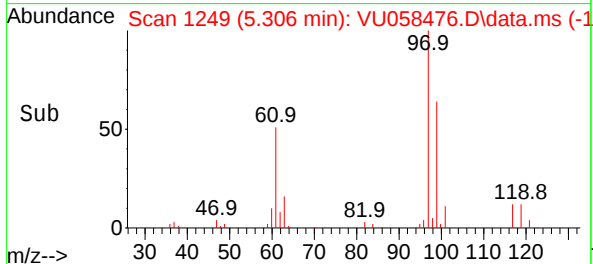
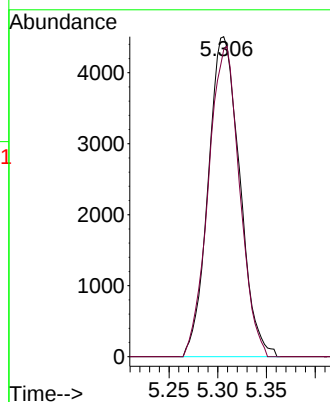


#31
Carbon tetrachloride
Concen: 1.323 ug/L
RT: 5.306 min Scan# 1677
Delta R.T. -0.209 min
Lab File: VU058476.D
Acq: 08 Apr 2024 18:11

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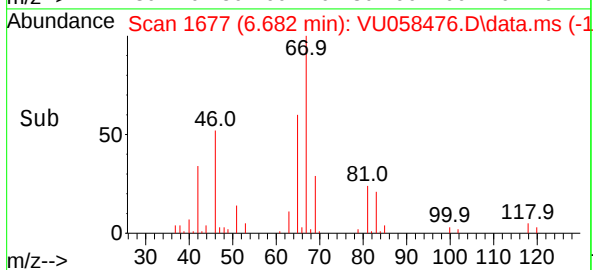
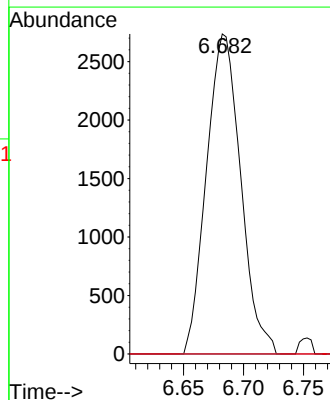
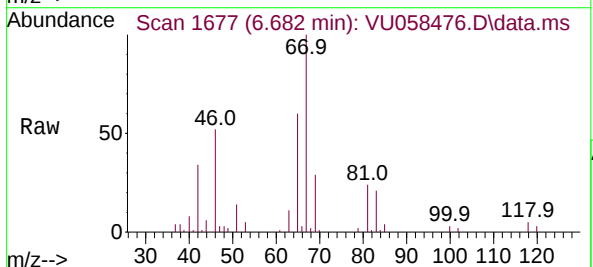


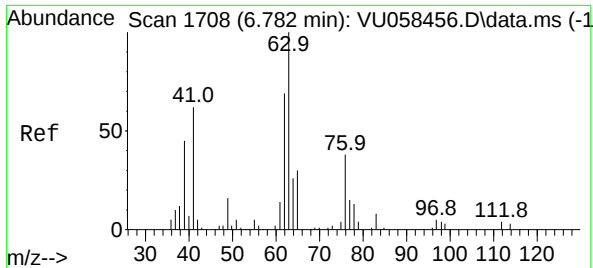
Tgt Ion:117 Resp: 10131
Ion Ratio Lower Upper
117 100
119 96.1 76.7 115.1



#35
Methylcyclohexane
Concen: 0.584 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU058476.D
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Tgt Ion: 83 Resp: 5427
Ion Ratio Lower Upper
83 100
55 0.0 66.2 99.4#
98 0.0 34.6 52.0#

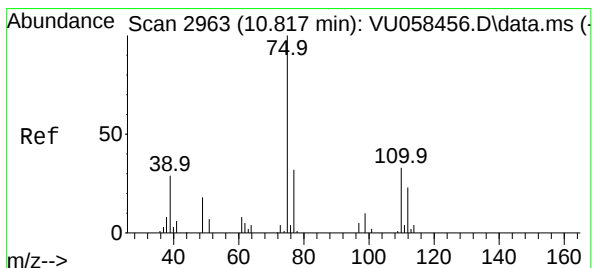
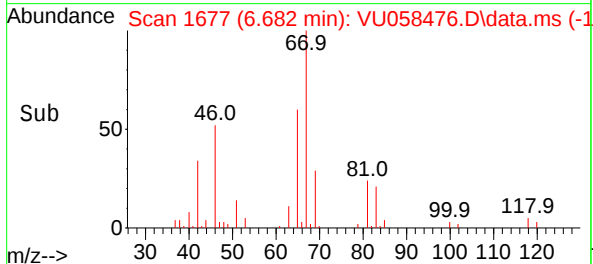
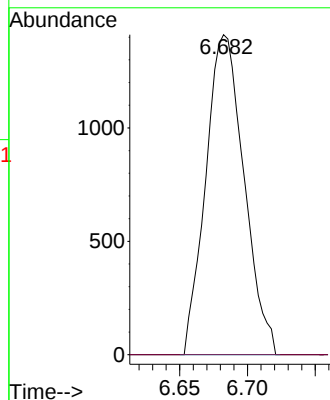
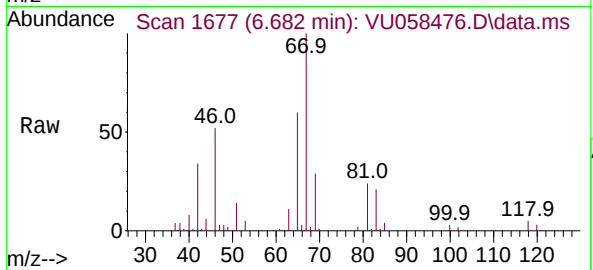




#37
1,2-Dichloropropane
Concen: 0.431 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.099 min
Lab File: VU058476.D
Acq: 08 Apr 2024 18:11

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 2771
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#



#61
1,2,3-Trichloropropane
Concen: 1.374 ug/L
RT: 11.804 min Scan# 3270
Delta R.T. 0.987 min
Lab File: VU058476.D
Acq: 08 Apr 2024 18:11

Tgt Ion: 75 Resp: 4037
Ion Ratio Lower Upper
75 100
110 0.0 25.8 38.6#
77 33.4 25.1 37.7

