

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040524\
 Data File : VU058440.D
 Acq On : 05 Apr 2024 23:48
 Operator : MD/SY
 Sample : P1970-07DL 500X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 06 05:59:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 06 00:37:11 2024
 Response via : Initial Calibration

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

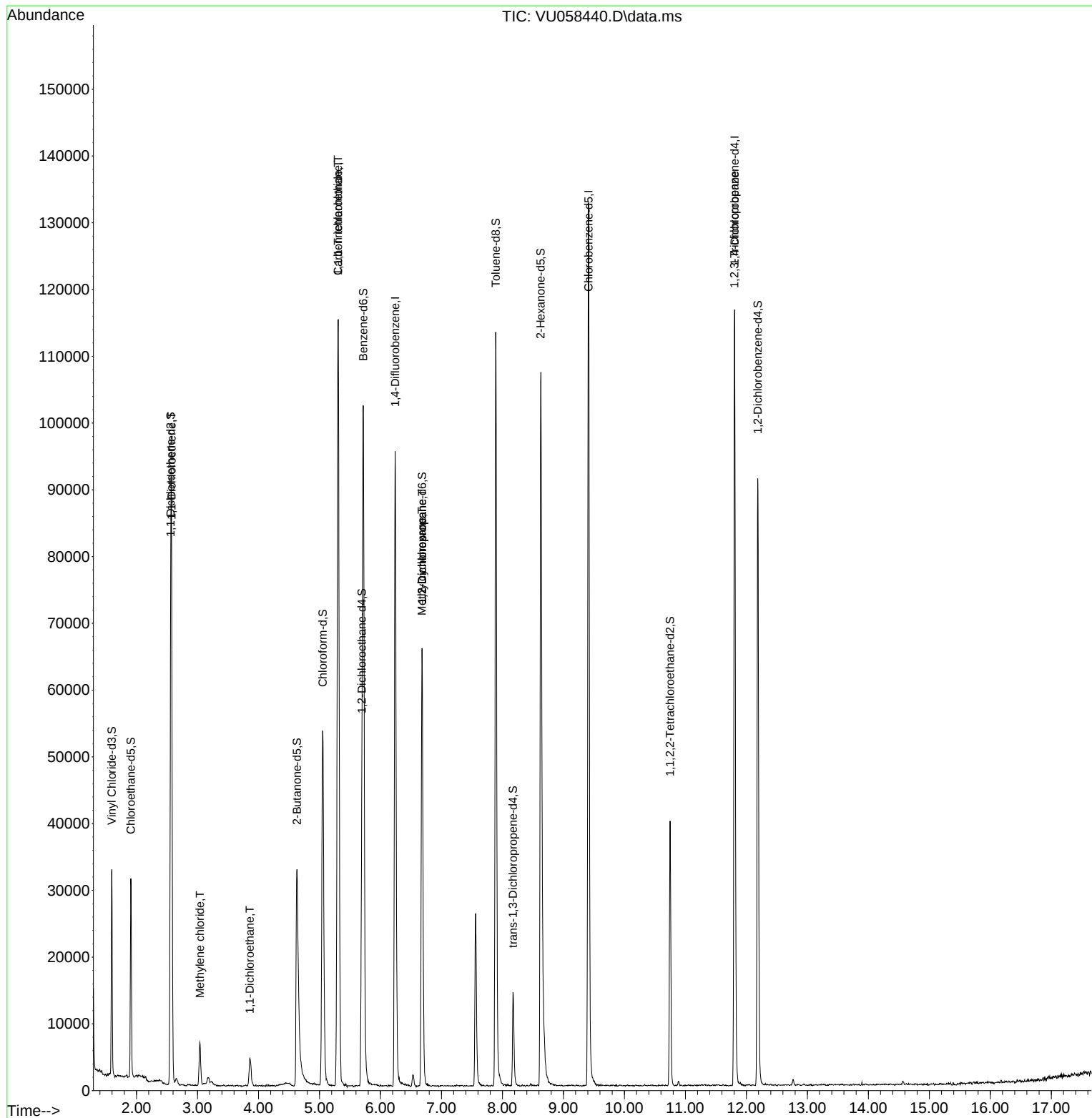
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	75161	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	73134	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	31374	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	21224	4.265	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	85.400%		
7) Chloroethane-d5	1.907	69	20564	4.755	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	95.200%		
11) 1,1-Dichloroethene-d2	2.560	65	10238	4.546	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	91.000%		
20) 2-Butanone-d5	4.631	46	54091	51.581	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	103.160%		
24) Chloroform-d	5.055	84	48646	4.897	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	98.000%		
26) 1,2-Dichloroethane-d4	5.695	65	24613	5.309	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	106.200%		
32) Benzene-d6	5.718	84	95510	4.851	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	97.000%		
36) 1,2-Dichloropropane-d6	6.682	67	31348	5.077	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	101.600%		
41) Toluene-d8	7.891	98	76528	4.383	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	87.600%		
43) trans-1,3-Dichloroprop...	8.174	79	8722	4.551	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	91.000%		
46) 2-Hexanone-d5	8.627	63	38499	48.698	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	97.400%		
56) 1,1,2,2-Tetrachloroeth...	10.750	84	20252	4.646	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	93.000%		
66) 1,2-Dichlorobenzene-d4	12.187	152	24419	4.621	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	92.400%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.576	96	19491	3.659	ug/L	99
16) Methylene chloride	3.039	84	2935	0.415	ug/L	95
19) 1,1-Dichloroethane	3.859	63	5826	0.478	ug/L	97
29) 1,1,1-Trichloroethane	5.306	97	82127	8.376	ug/L	99
31) Carbon tetrachloride	5.306	117	10063	1.212	ug/L	99
35) Methylcyclohexane	6.679	83	6833	0.679	ug/L #	16
37) 1,2-Dichloropropane	6.682	63	3538	0.507	ug/L #	90
61) 1,2,3-Trichloropropane	11.804	75	4185	1.307	ug/L #	69

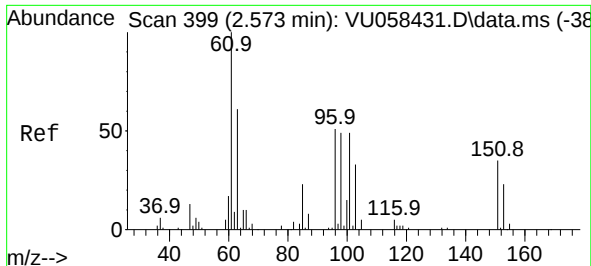
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040524\
Data File : VU058440.D
Acq On : 05 Apr 2024 23:48
Operator : MD/SY
Sample : P1970-07DL 500X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Apr 06 05:59:22 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Apr 06 00:37:11 2024
Response via : Initial Calibration

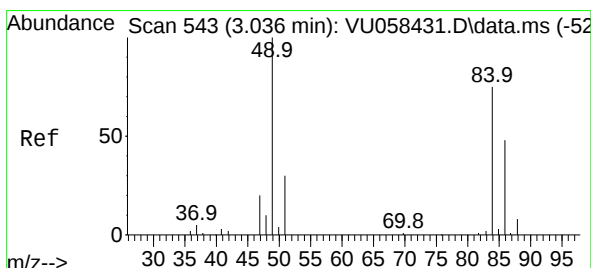
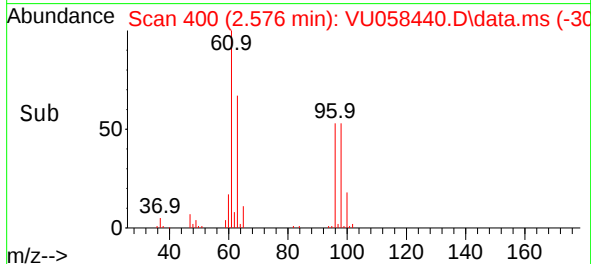
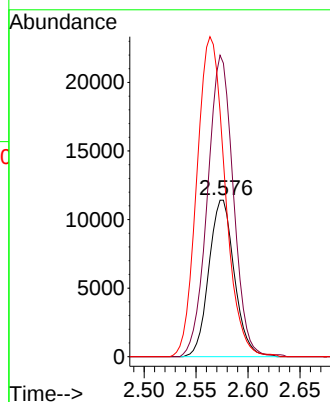
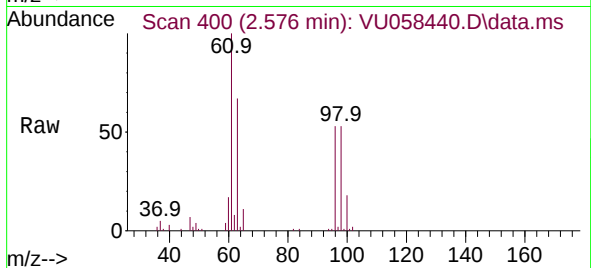




#12
1,1-Dichloroethene
Concen: 3.659 ug/L
RT: 2.576 min Scan# 40
Delta R.T. 0.003 min
Lab File: VU058440.D
Acq: 05 Apr 2024 23:48

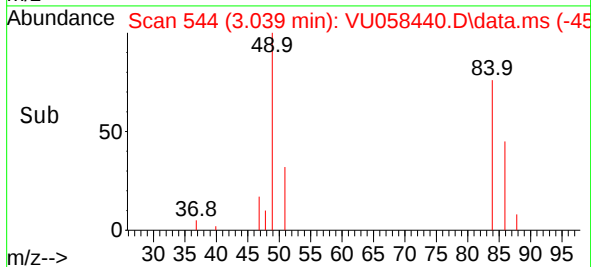
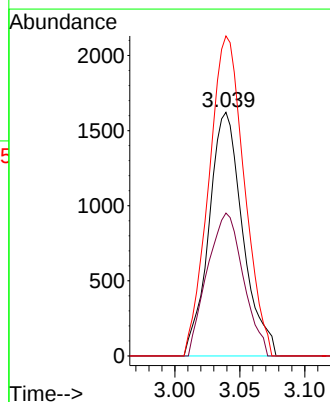
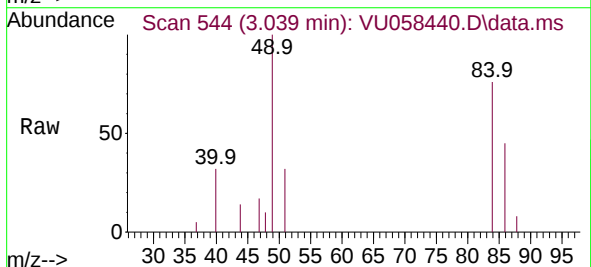
Instrument :
MSVOA_U
ClientSampleId :

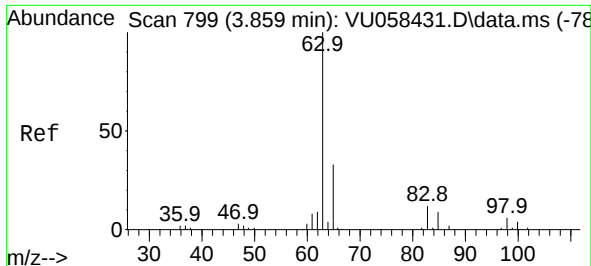
Tgt Ion: 96 Resp: 19491
Ion Ratio Lower Upper
96 100
61 187.5 132.5 246.1
63 125.3 87.7 162.9



#16
Methylene chloride
Concen: 0.415 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.003 min
Lab File: VU058440.D
Acq: 05 Apr 2024 23:48

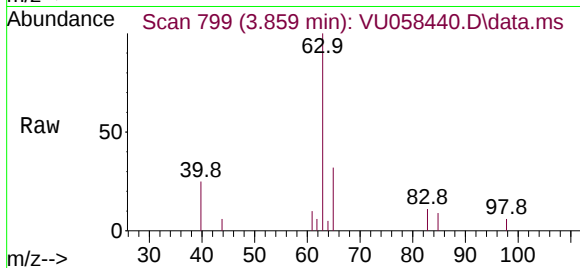
Tgt Ion: 84 Resp: 2935
Ion Ratio Lower Upper
84 100
86 58.6 44.3 82.3
49 131.3 96.0 178.2



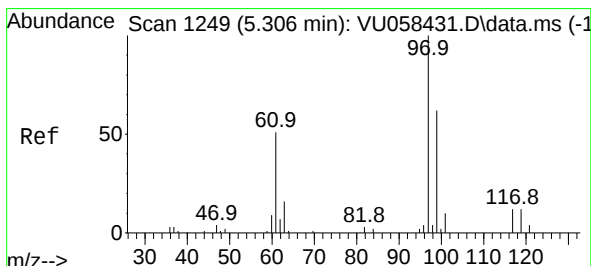
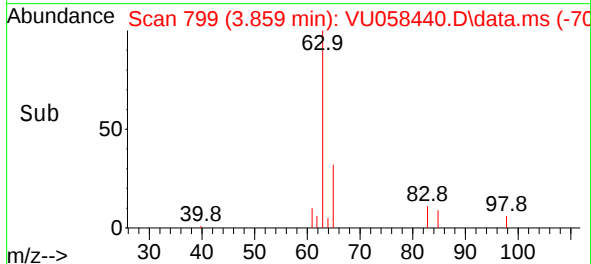
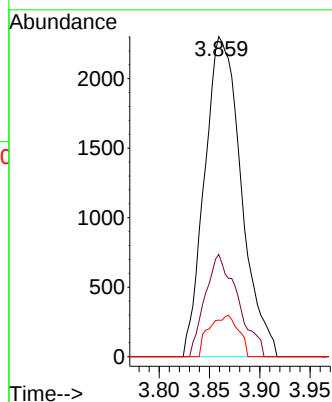


#19
1,1-Dichloroethane
Concen: 0.478 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU058440.D
Acq: 05 Apr 2024 23:48

Instrument :
MSVOA_U
ClientSampleId :

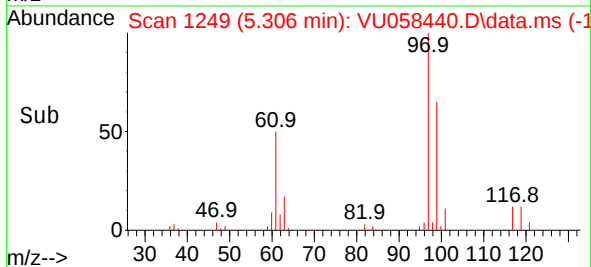
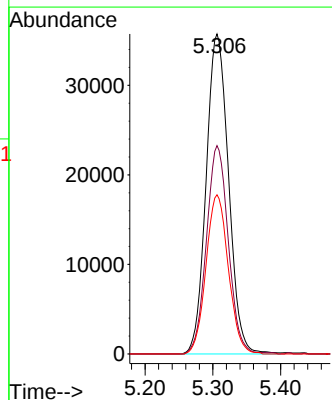
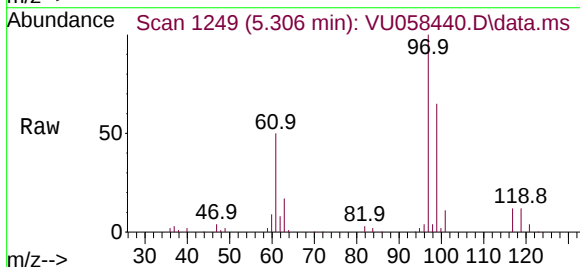


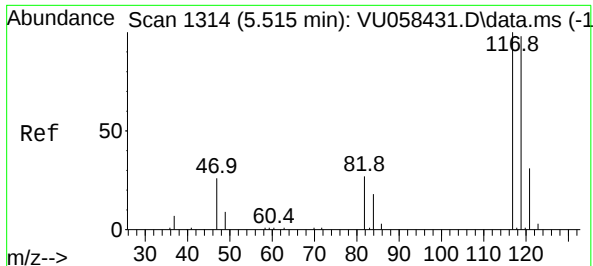
Tgt Ion: 63	Resp: 5826
Ion Ratio	Lower Upper
63	100
65	31.9 22.9 42.5
83	11.4 9.6 17.8



#29
1,1,1-Trichloroethane
Concen: 8.376 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU058440.D
Acq: 05 Apr 2024 23:48

Tgt Ion: 97	Resp: 82127
Ion Ratio	Lower Upper
97	100
99	63.7 50.4 75.6
61	49.7 39.4 59.0





#31

Carbon tetrachloride

Concen: 1.212 ug/L

RT: 5.306 min Scan# 11

Delta R.T. -0.209 min

Lab File: VU058440.D

Acq: 05 Apr 2024 23:48

Instrument :

MSVOA_U

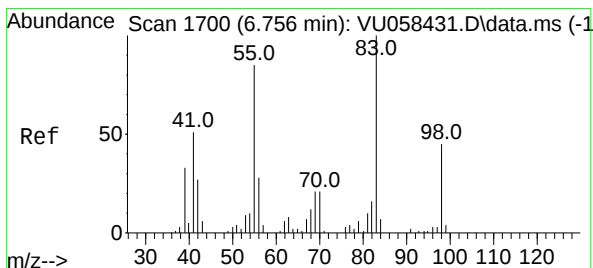
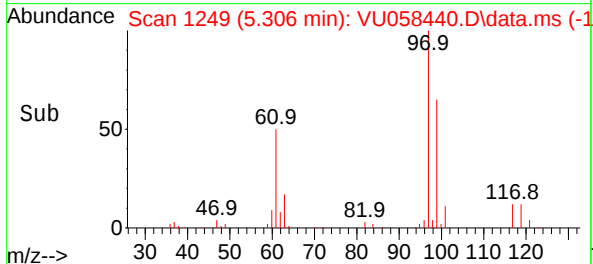
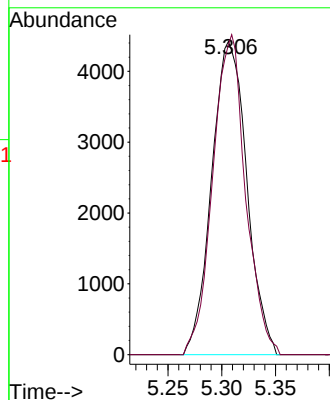
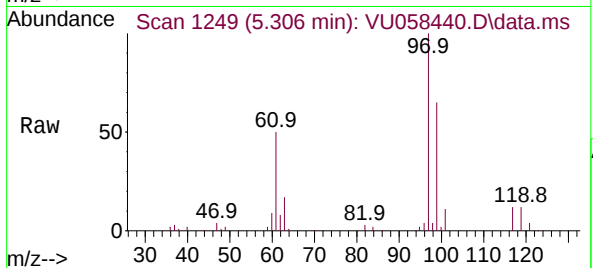
ClientSampleId :

Tgt Ion:117 Resp: 10063

Ion Ratio Lower Upper

117 100

119 95.2 76.7 115.1



#35

Methylcyclohexane

Concen: 0.679 ug/L

RT: 6.679 min Scan# 1676

Delta R.T. -0.077 min

Lab File: VU058440.D

Acq: 05 Apr 2024 23:48

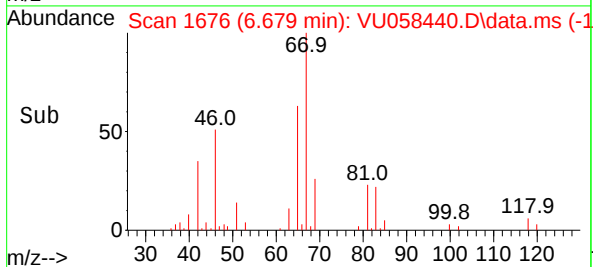
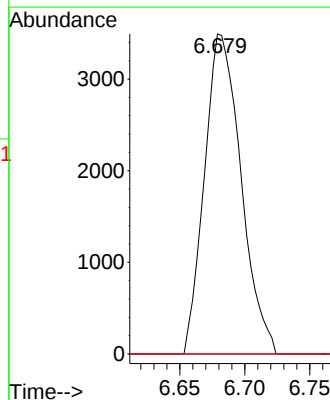
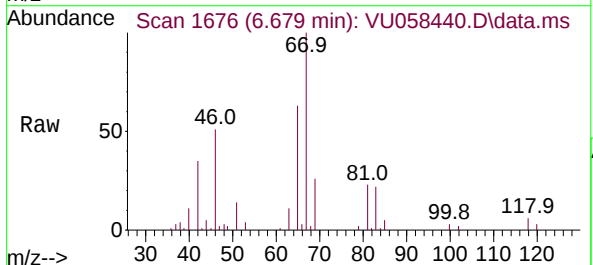
Tgt Ion: 83 Resp: 6833

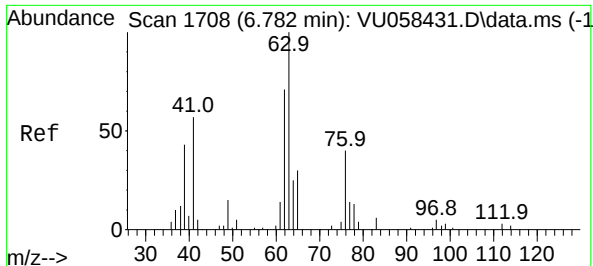
Ion Ratio Lower Upper

83 100

55 0.0 66.2 99.4#

98 0.0 34.6 52.0#

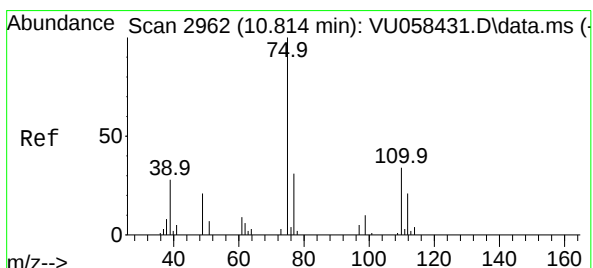
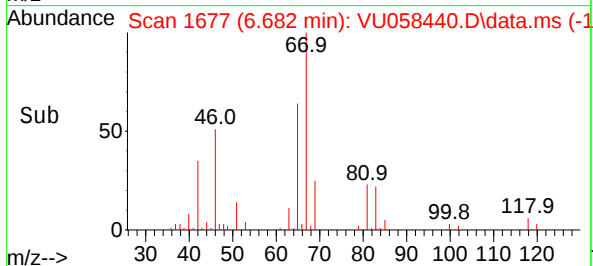
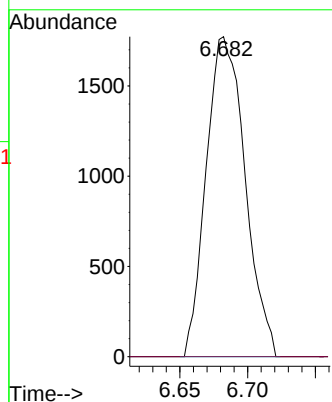
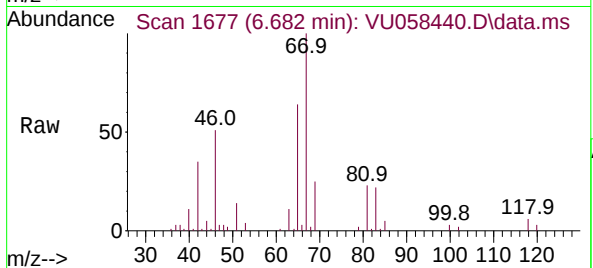




#37
1,2-Dichloropropane
Concen: 0.507 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU058440.D
Acq: 05 Apr 2024 23:48

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 3538
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#



#61
1,2,3-Trichloropropane
Concen: 1.307 ug/L
RT: 11.804 min Scan# 3270
Delta R.T. 0.990 min
Lab File: VU058440.D
Acq: 05 Apr 2024 23:48

Tgt Ion: 75 Resp: 4185
Ion Ratio Lower Upper
75 100
110 0.0 25.8 38.6#
77 33.1 25.1 37.7

