

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111424\
 Data File : VU061698.D
 Acq On : 15 Nov 2024 02:44
 Operator : MD/SY
 Sample : P4804-23DL 5X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 15 03:25:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 15 03:17:58 2024
 Response via : Initial Calibration

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

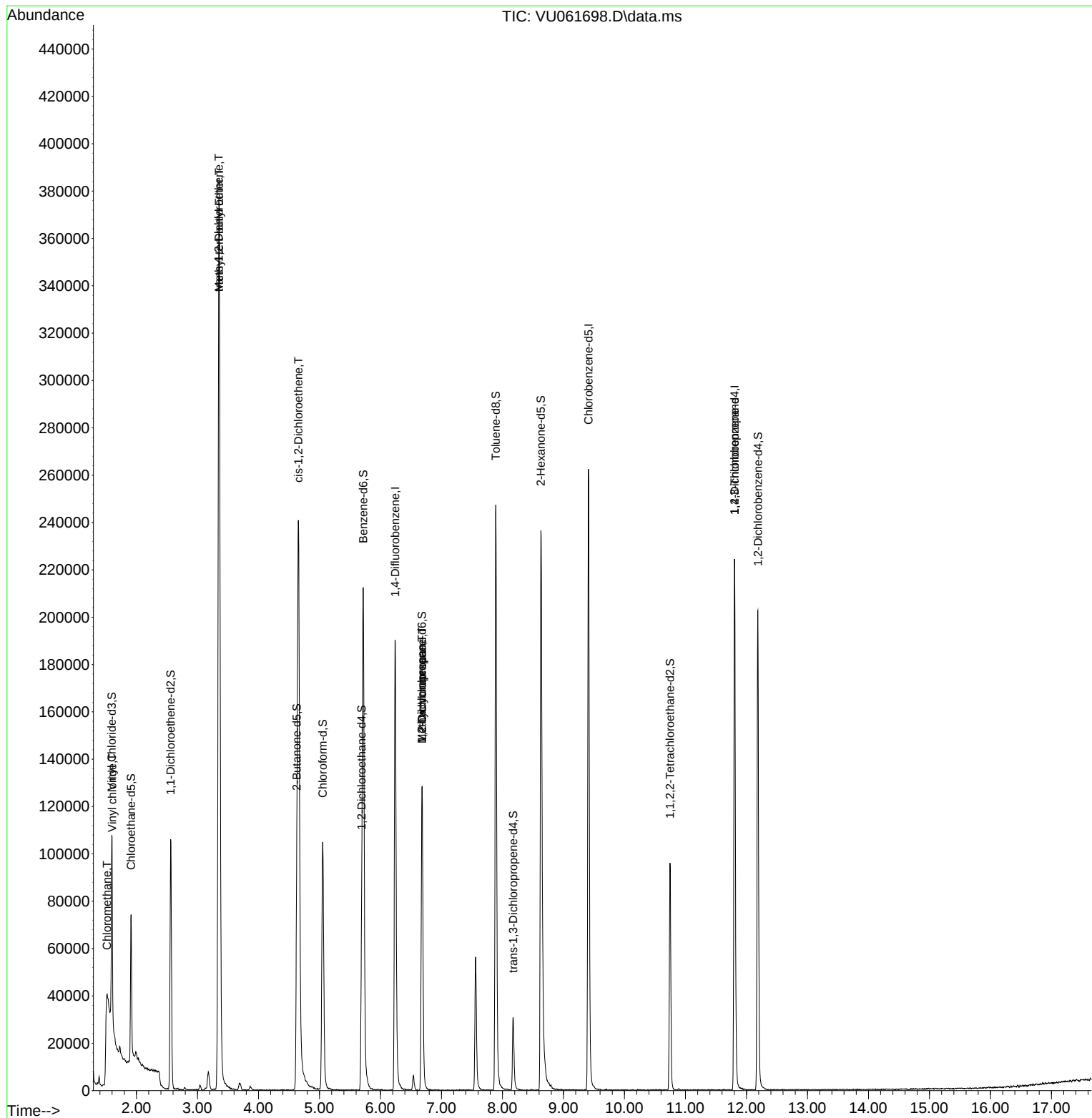
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	170539	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	152363	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	65799	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	45793	4.156	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.200%
7) Chloroethane-d5	1.911	69	45316	4.817	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.400%
11) 1,1-Dichloroethene-d2	2.560	65	19873	4.020	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.400%
20) 2-Butanone-d5	4.628	46	121006	51.740	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.480%
24) Chloroform-d	5.052	84	101387	4.629	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
26) 1,2-Dichloroethane-d4	5.692	65	52168	4.963	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
32) Benzene-d6	5.718	84	208450	4.945	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
36) 1,2-Dichloropropane-d6	6.679	67	64524	5.190	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.800%
41) Toluene-d8	7.891	98	177681	4.523	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
43) trans-1,3-Dichloroprop...	8.174	79	19708	4.304	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.000%
46) 2-Hexanone-d5	8.631	63	98575	54.476	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.960%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	49768	5.078	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	57185	4.880	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.518	50	2054	0.179	ug/L #	68
5) Vinyl chloride	1.602	62	8111	0.639	ug/L #	1
17) Methyl tert-butyl Ether	3.354	73	397178	15.741	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	23132	2.048	ug/L	97
22) cis-1,2-Dichloroethene	4.657	96	115323	9.056	ug/L	97
35) Methylcyclohexane	6.679	83	14824	0.789	ug/L #	21
37) 1,2-Dichloropropane	6.682	63	6883	0.588	ug/L #	89
61) 1,2,3-Trichloropropane	11.804	75	7928	1.279	ug/L #	66

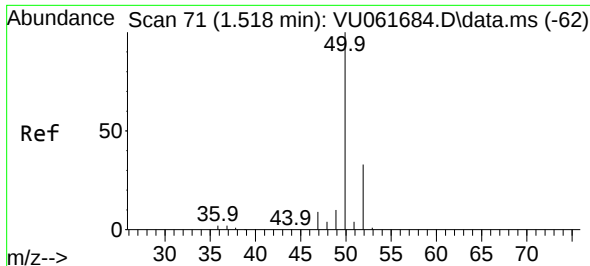
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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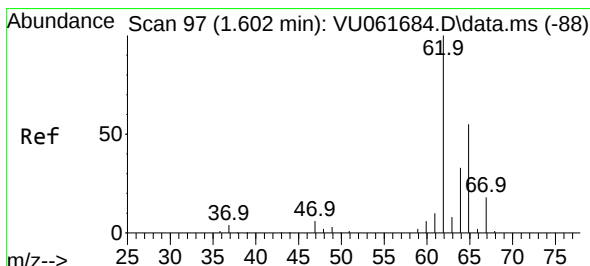
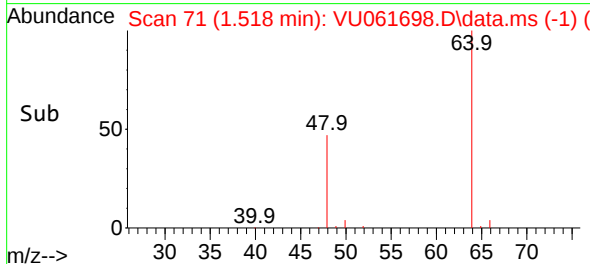
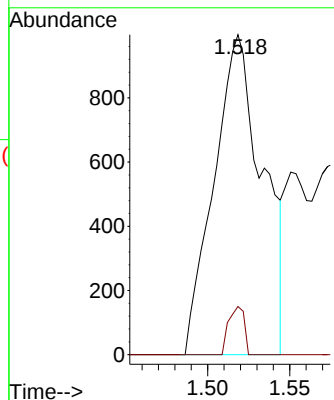
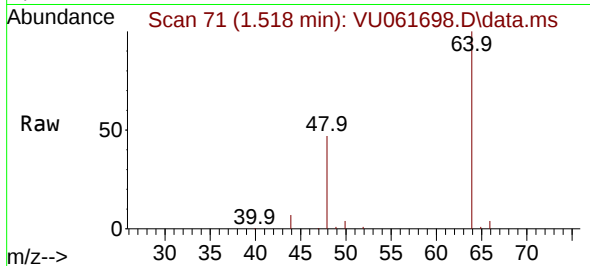




#3
Chloromethane
Concen: 0.179 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU061698.D
Acq: 15 Nov 2024 02:44

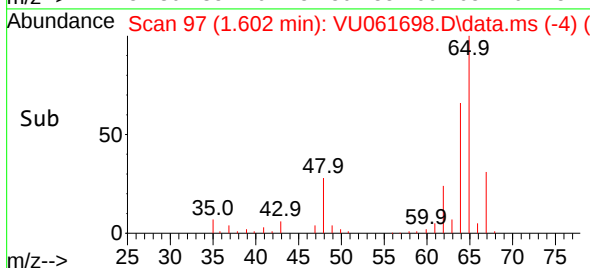
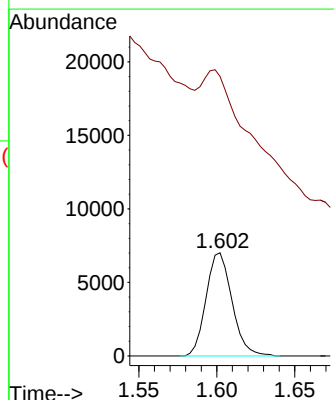
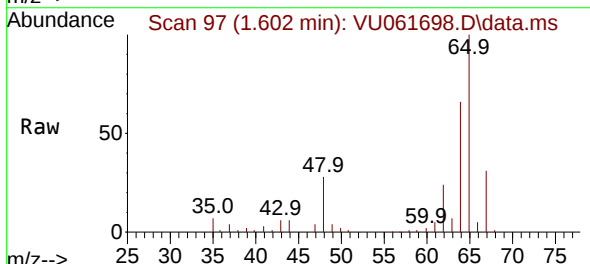
Instrument :
MSVOA_U
ClientSampleId :

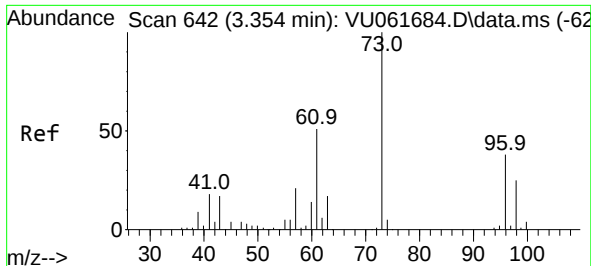
Tgt Ion: 50 Resp: 2054
Ion Ratio Lower Upper
50 100
52 15.0 23.2 43.2#



#5
Vinyl chloride
Concen: 0.639 ug/L
RT: 1.602 min Scan# 97
Delta R.T. 0.000 min
Lab File: VU061698.D
Acq: 15 Nov 2024 02:44

Tgt Ion: 62 Resp: 8111
Ion Ratio Lower Upper
62 100
64 270.7 23.7 44.1#

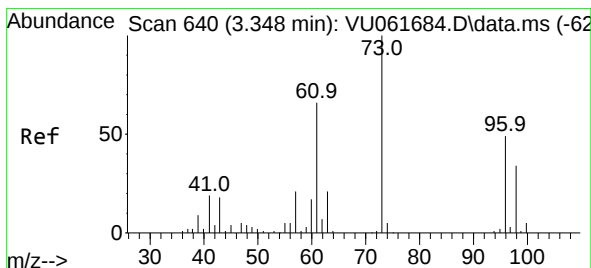
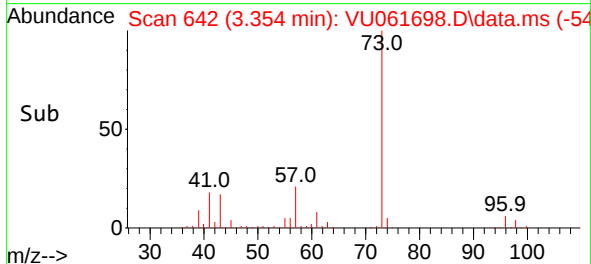
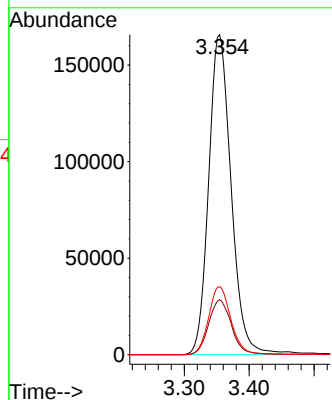
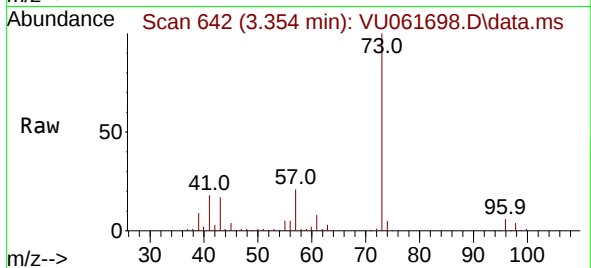




#17
Methyl tert-butyl Ether
Concen: 15.741 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU061698.D
Acq: 15 Nov 2024 02:44

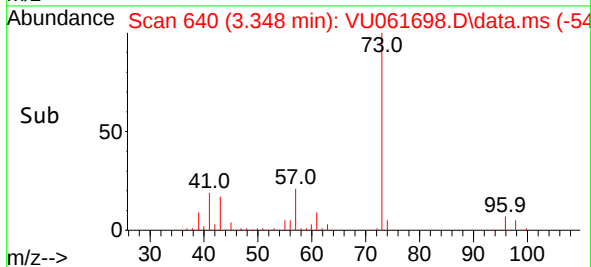
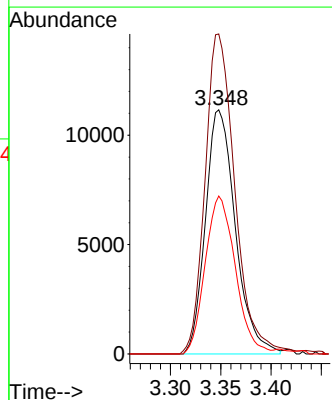
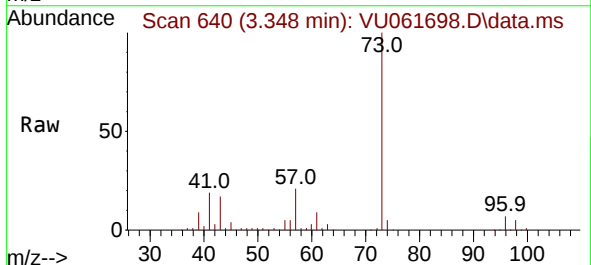
Instrument :
MSVOA_U
ClientSampleId :

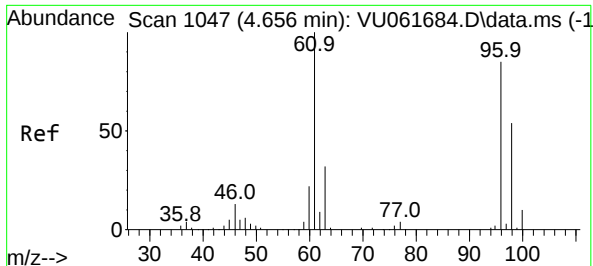
Tgt Ion: 73 Resp: 397178
Ion Ratio Lower Upper
73 100
43 17.5 14.2 21.4
57 21.0 16.9 25.3



#18
trans-1,2-Dichloroethene
Concen: 2.048 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU061698.D
Acq: 15 Nov 2024 02:44

Tgt Ion: 96 Resp: 23132
Ion Ratio Lower Upper
96 100
61 131.0 94.1 174.8
98 64.7 43.2 80.2





#22

cis-1,2-Dichloroethene

Concen: 9.056 ug/L

RT: 4.657 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU061698.D

Acq: 15 Nov 2024 02:44

Instrument :

MSVOA_U

ClientSampleId :

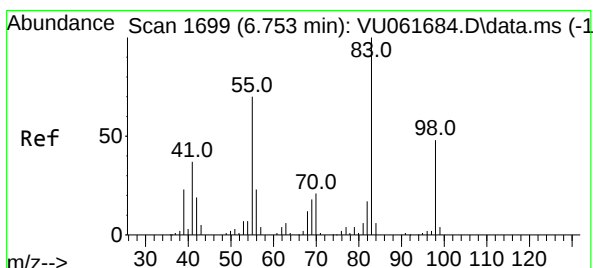
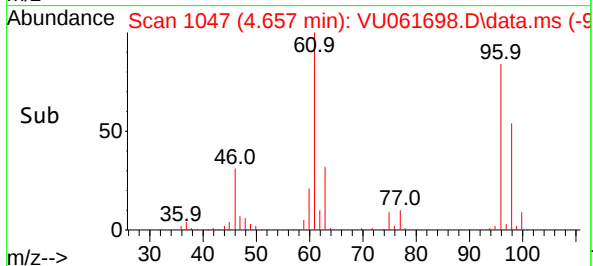
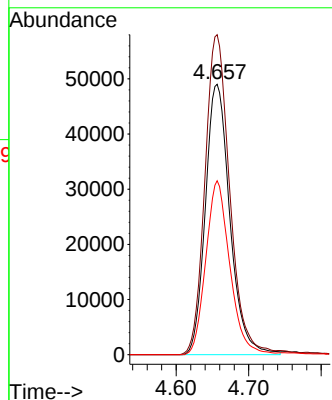
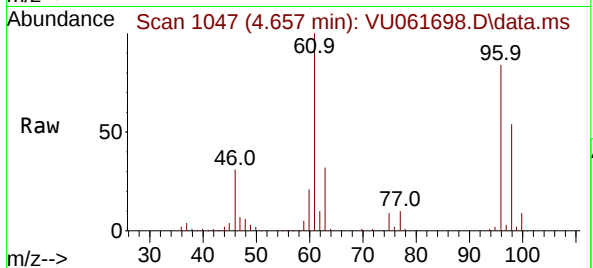
Tgt Ion: 96 Resp: 115323

Ion Ratio Lower Upper

96 100

61 118.4 85.6 159.0

98 64.4 45.6 84.8



#35

Methylcyclohexane

Concen: 0.789 ug/L

RT: 6.679 min Scan# 1676

Delta R.T. -0.074 min

Lab File: VU061698.D

Acq: 15 Nov 2024 02:44

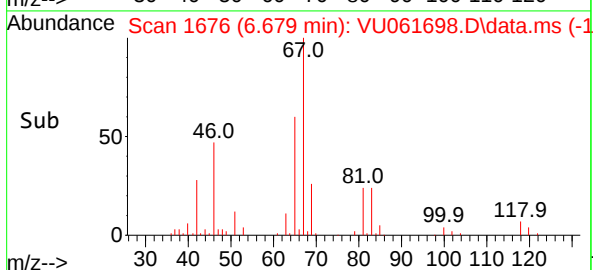
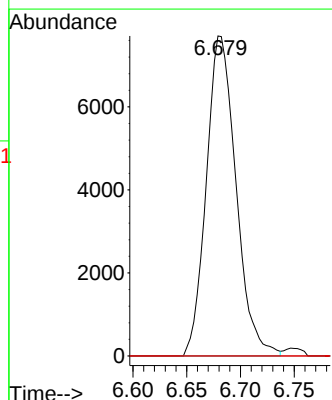
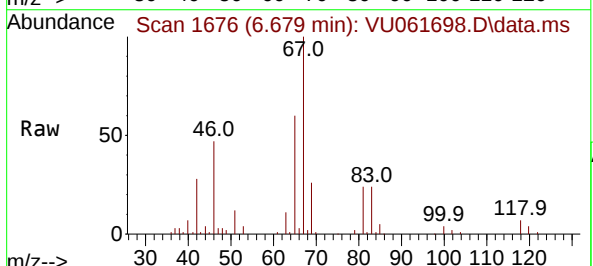
Tgt Ion: 83 Resp: 14824

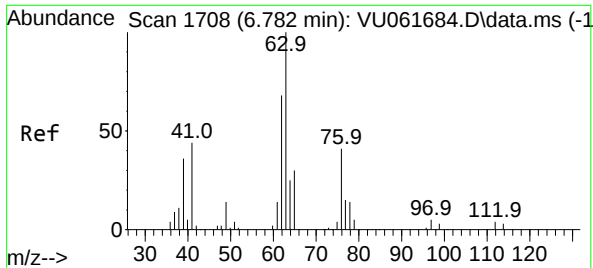
Ion Ratio Lower Upper

83 100

55 0.0 56.4 84.6#

98 1.1 37.7 56.5#

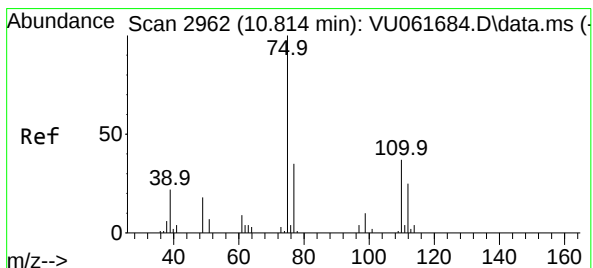
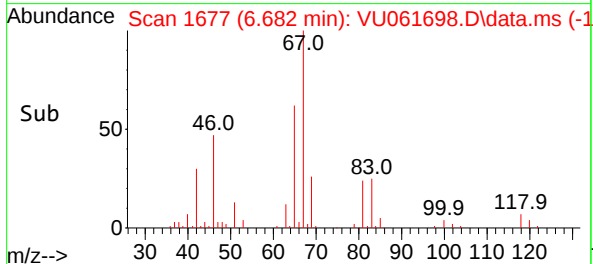
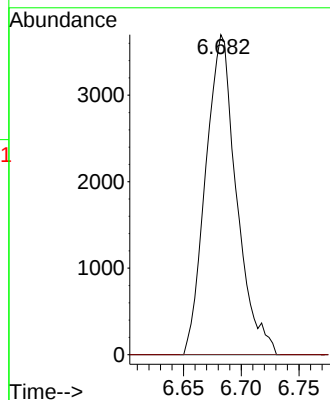
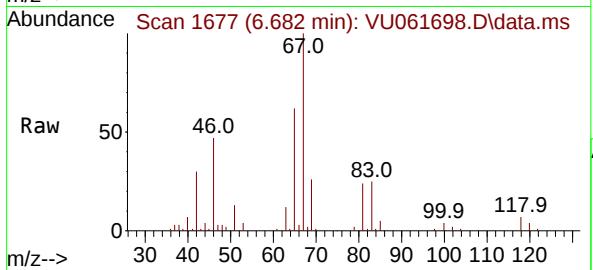




#37
1,2-Dichloropropane
Concen: 0.588 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU061698.D
Acq: 15 Nov 2024 02:44

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 6883
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



#61
1,2,3-Trichloropropane
Concen: 1.279 ug/L
RT: 11.804 min Scan# 3270
Delta R.T. 0.990 min
Lab File: VU061698.D
Acq: 15 Nov 2024 02:44

Tgt Ion: 75 Resp: 7928
Ion Ratio Lower Upper
75 100
110 1.9 31.3 46.9#
77 31.2 26.0 39.0

