

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111424\
 Data File : VU061668.D
 Acq On : 14 Nov 2024 13:42
 Operator : MD/SY
 Sample : P4804-02DL 5X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 15 00:45:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 15 00:40:52 2024
 Response via : Initial Calibration

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

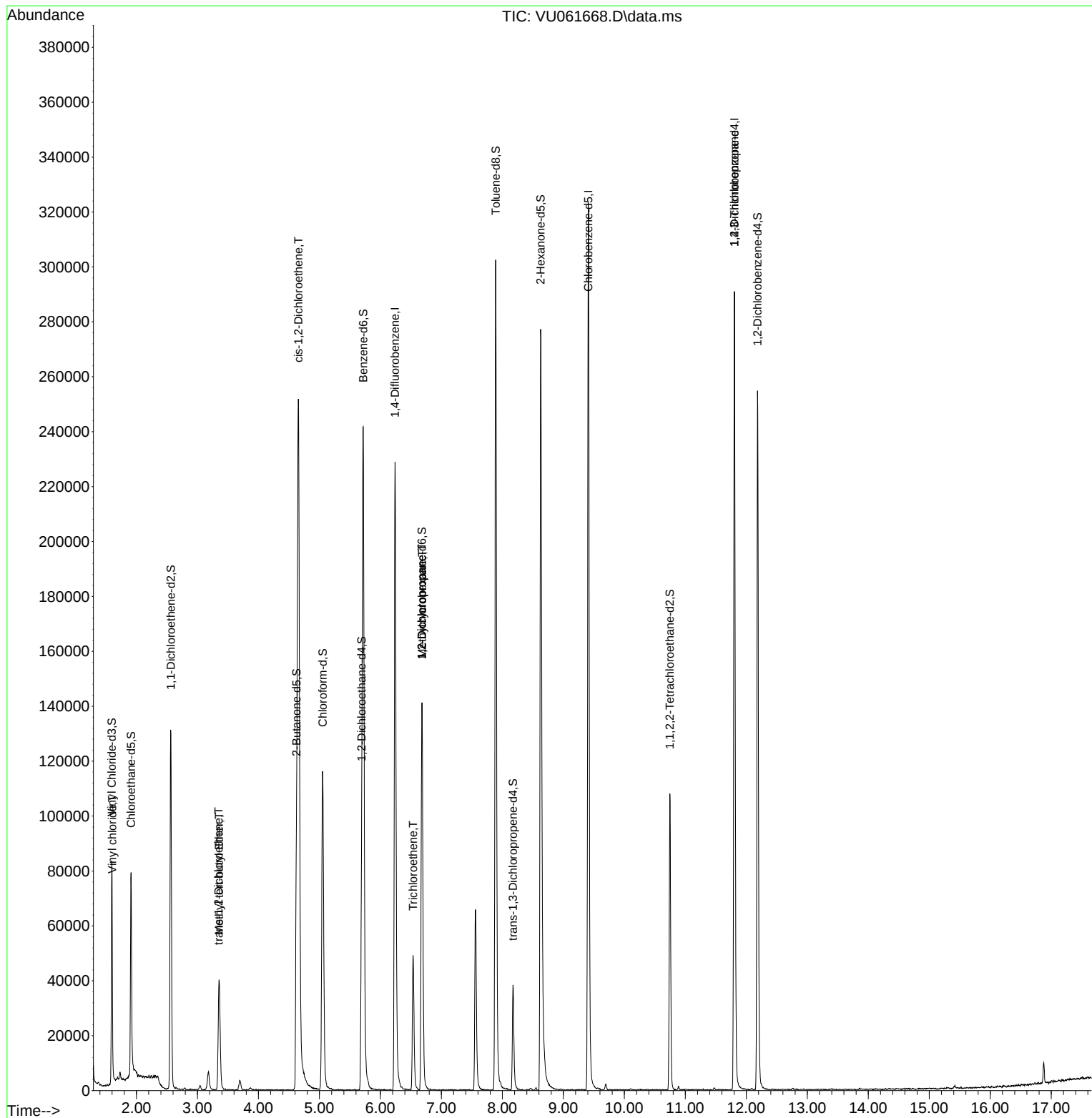
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	201254	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	187877	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	82484	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	54024	4.155	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.000%
7) Chloroethane-d5	1.911	69	53635	4.832	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.600%
11) 1,1-Dichloroethene-d2	2.563	65	24266	4.159	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.200%
20) 2-Butanone-d5	4.624	46	131394	47.607	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.220%
24) Chloroform-d	5.052	84	112465	4.351	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
26) 1,2-Dichloroethane-d4	5.692	65	58005	4.676	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
32) Benzene-d6	5.718	84	239620	4.610	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
36) 1,2-Dichloropropane-d6	6.679	67	71239	4.647	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.000%
41) Toluene-d8	7.891	98	214834	4.435	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.600%
43) trans-1,3-Dichloroprop...	8.174	79	23970	4.245	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.000%
46) 2-Hexanone-d5	8.627	63	107356	48.113	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.220%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	53698	4.443	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.800%
66) 1,2-Dichlorobenzene-d4	12.184	152	70970	4.831	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.600%
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	3871	0.259	ug/L	# 60
17) Methyl tert-butyl Ether	3.354	73	37519	1.260	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	4093	0.307	ug/L	87
22) cis-1,2-Dichloroethene	4.657	96	126591	8.423	ug/L	98
34) Trichloroethene	6.534	95	17848	1.162	ug/L	98
35) Methylcyclohexane	6.682	83	17010	0.735	ug/L	# 20
37) 1,2-Dichloropropane	6.679	63	7645	0.530	ug/L	# 89
61) 1,2,3-Trichloropropane	11.804	75	9732	1.252	ug/L	# 66

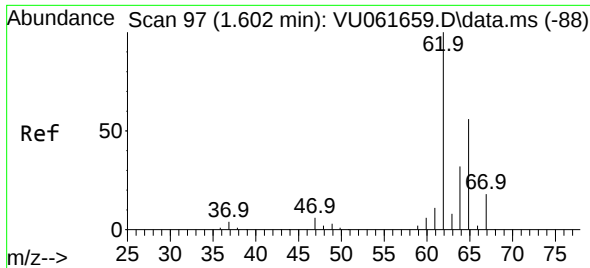
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 15 00:40:52 2024
Response via : Initial Calibration

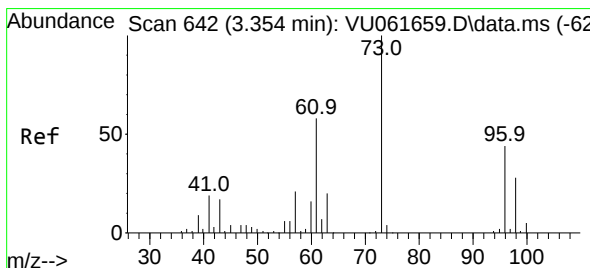
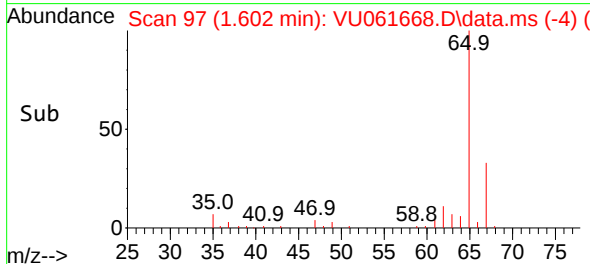
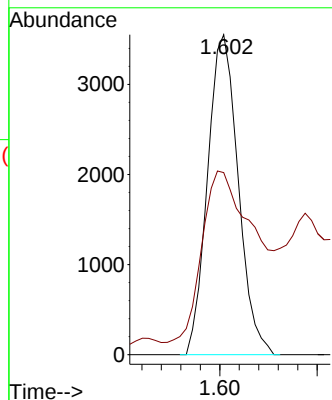
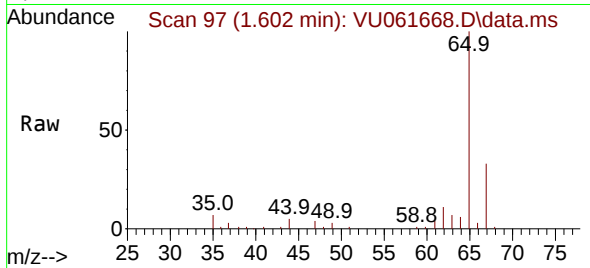




#5
 Vinyl chloride
 Concen: 0.259 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU061668.D
 Acq: 14 Nov 2024 13:42

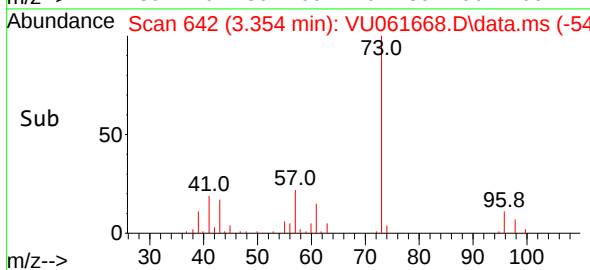
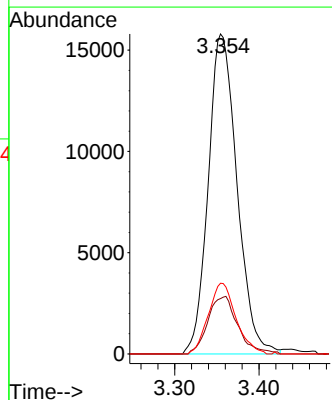
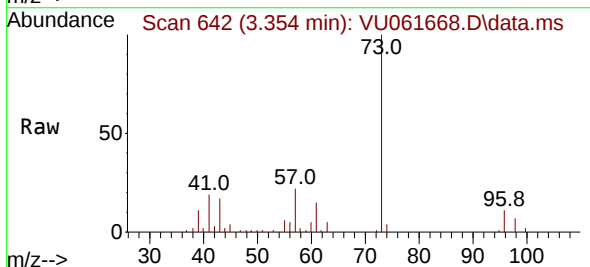
Instrument :
 MSVOA_U
 ClientSampleId :

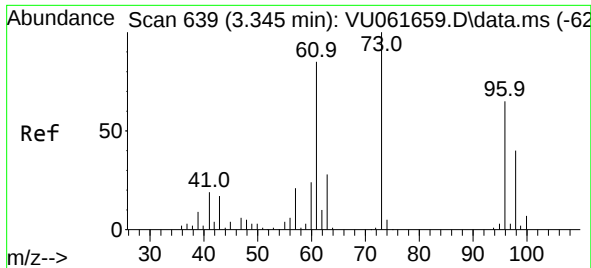
Tgt Ion: 62 Resp: 3871
 Ion Ratio Lower Upper
 62 100
 64 56.9 23.7 44.1#



#17
 Methyl tert-butyl Ether
 Concen: 1.260 ug/L
 RT: 3.354 min Scan# 642
 Delta R.T. 0.000 min
 Lab File: VU061668.D
 Acq: 14 Nov 2024 13:42

Tgt Ion: 73 Resp: 37519
 Ion Ratio Lower Upper
 73 100
 43 18.7 14.2 21.4
 57 21.2 16.9 25.3

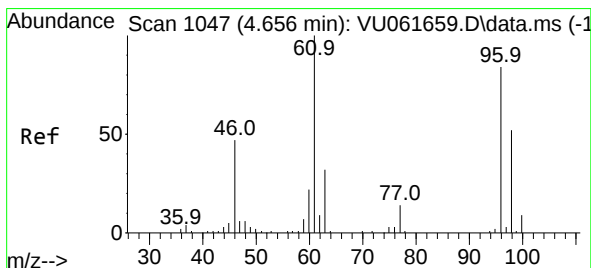
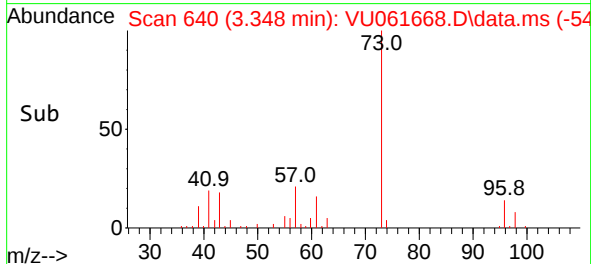
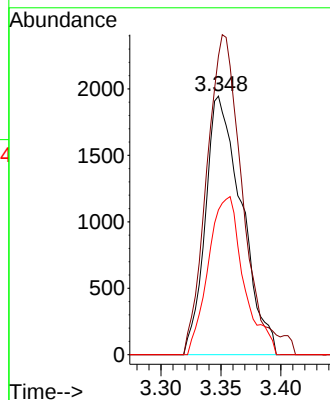
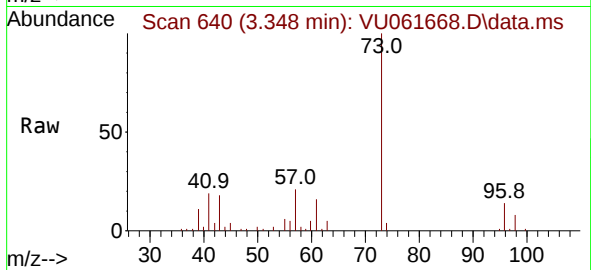




#18
trans-1,2-Dichloroethene
Concen: 0.307 ug/L
RT: 3.348 min Scan# 64
Delta R.T. 0.003 min
Lab File: VU061668.D
Acq: 14 Nov 2024 13:42

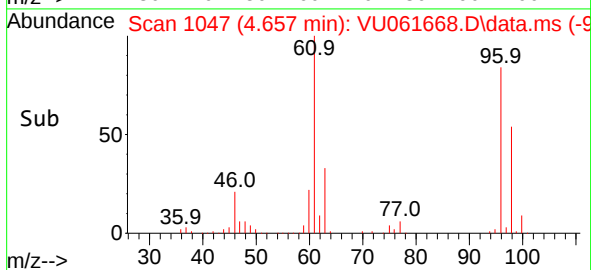
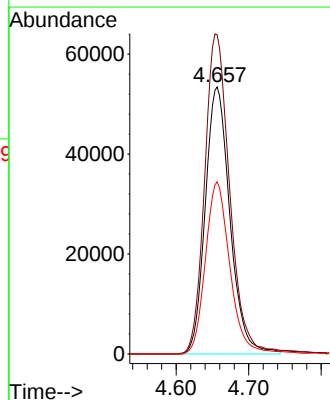
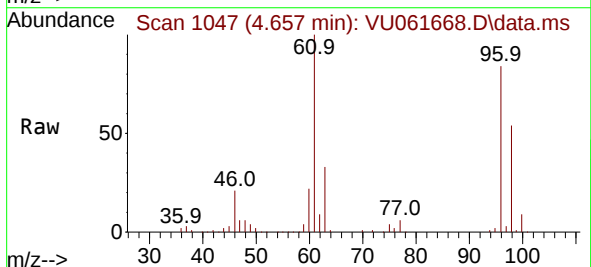
Instrument :
MSVOA_U
ClientSampleId :

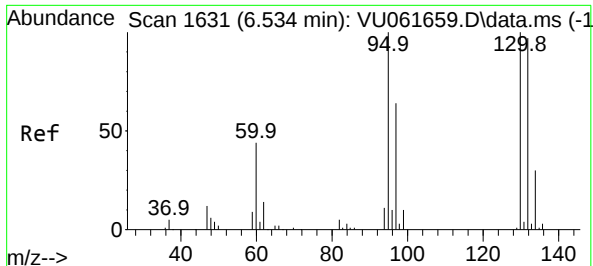
Tgt Ion: 96 Resp: 4093
Ion Ratio Lower Upper
96 100
61 115.5 94.1 174.8
98 56.0 43.2 80.2



#22
cis-1,2-Dichloroethene
Concen: 8.423 ug/L
RT: 4.657 min Scan# 1047
Delta R.T. 0.000 min
Lab File: VU061668.D
Acq: 14 Nov 2024 13:42

Tgt Ion: 96 Resp: 126591
Ion Ratio Lower Upper
96 100
61 119.6 85.6 159.0
98 64.5 45.6 84.8

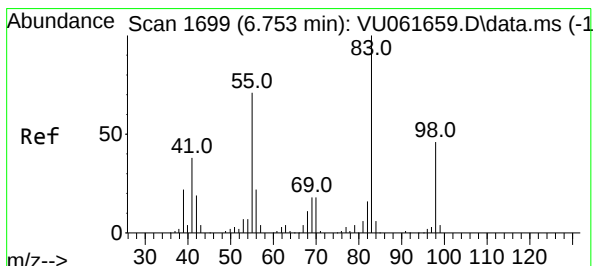
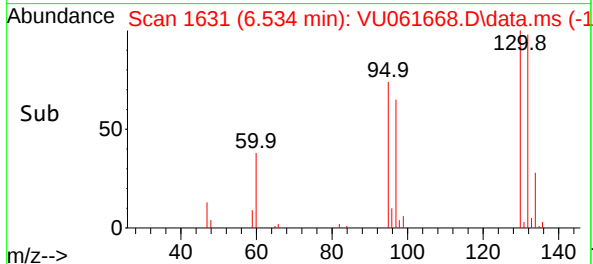
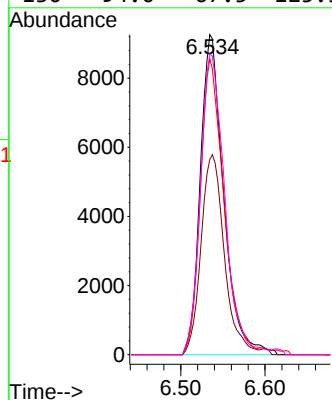
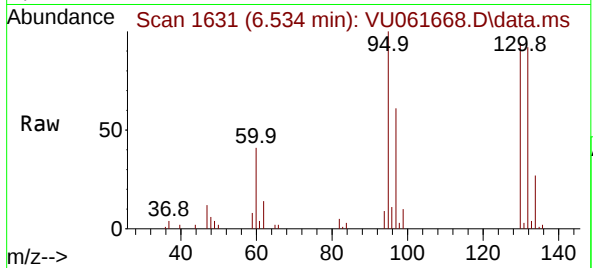




#34
Trichloroethene
Concen: 1.162 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VU061668.D
Acq: 14 Nov 2024 13:42

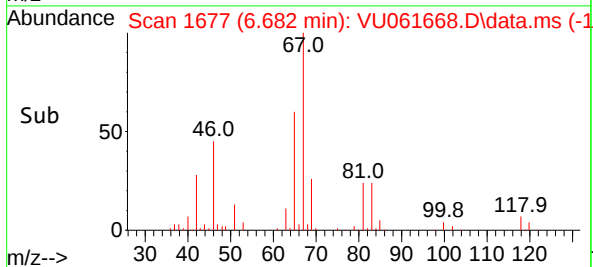
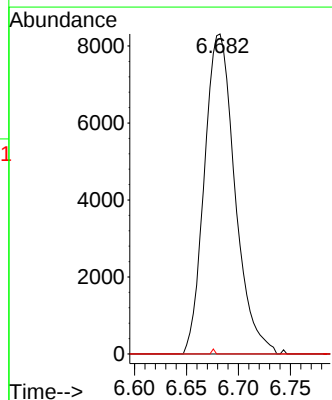
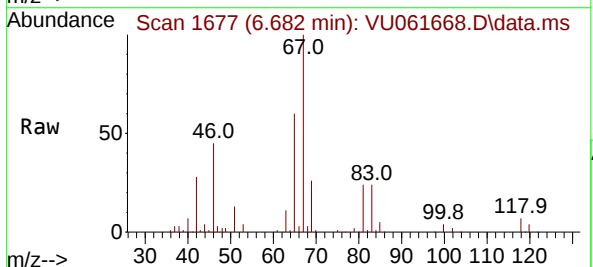
Instrument :
MSVOA_U
ClientSampleId :

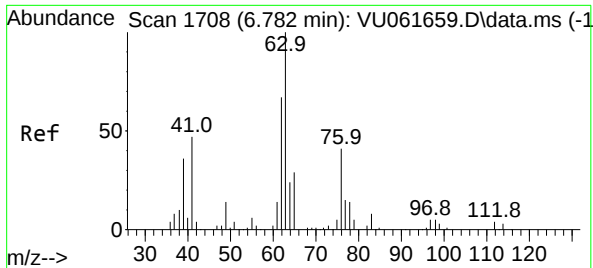
Tgt Ion: 95 Resp: 17848
Ion Ratio Lower Upper
95 100
97 61.0 43.5 80.9
132 92.4 65.2 121.0
130 94.0 67.5 125.3



#35
Methylcyclohexane
Concen: 0.735 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.071 min
Lab File: VU061668.D
Acq: 14 Nov 2024 13:42

Tgt Ion: 83 Resp: 17010
Ion Ratio Lower Upper
83 100
55 0.0 56.4 84.6#
98 0.0 37.7 56.5#

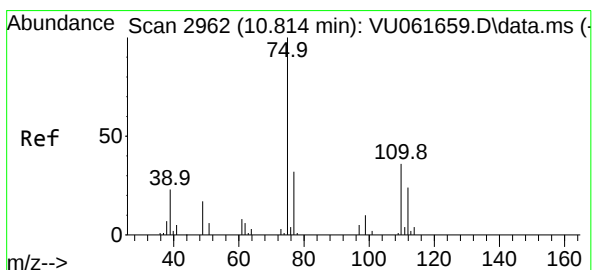
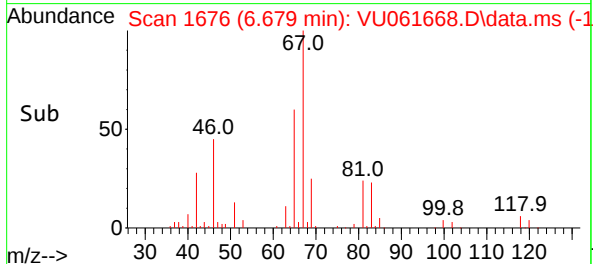
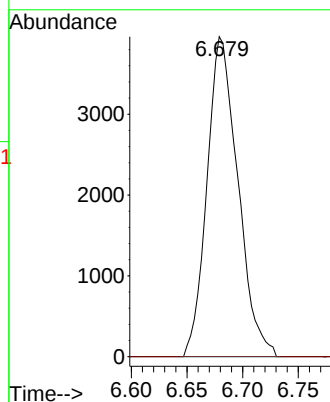
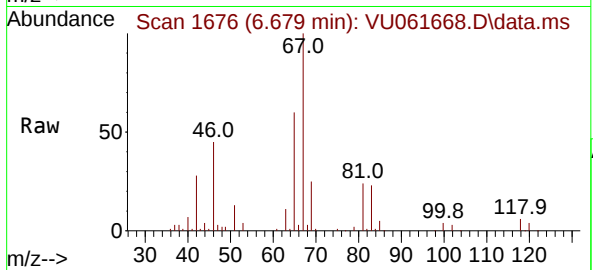




#37
1,2-Dichloropropane
Concen: 0.530 ug/L
RT: 6.679 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU061668.D
Acq: 14 Nov 2024 13:42

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 7645
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



#61
1,2,3-Trichloropropane
Concen: 1.252 ug/L
RT: 11.804 min Scan# 3270
Delta R.T. 0.990 min
Lab File: VU061668.D
Acq: 14 Nov 2024 13:42

Tgt Ion: 75 Resp: 9732
Ion Ratio Lower Upper
75 100
110 1.7 31.3 46.9#
77 33.6 26.0 39.0

