

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111424\
 Data File : VU061699.D
 Acq On : 15 Nov 2024 03:08
 Operator : MD/SY
 Sample : P4804-22
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 15 03:25:36 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)

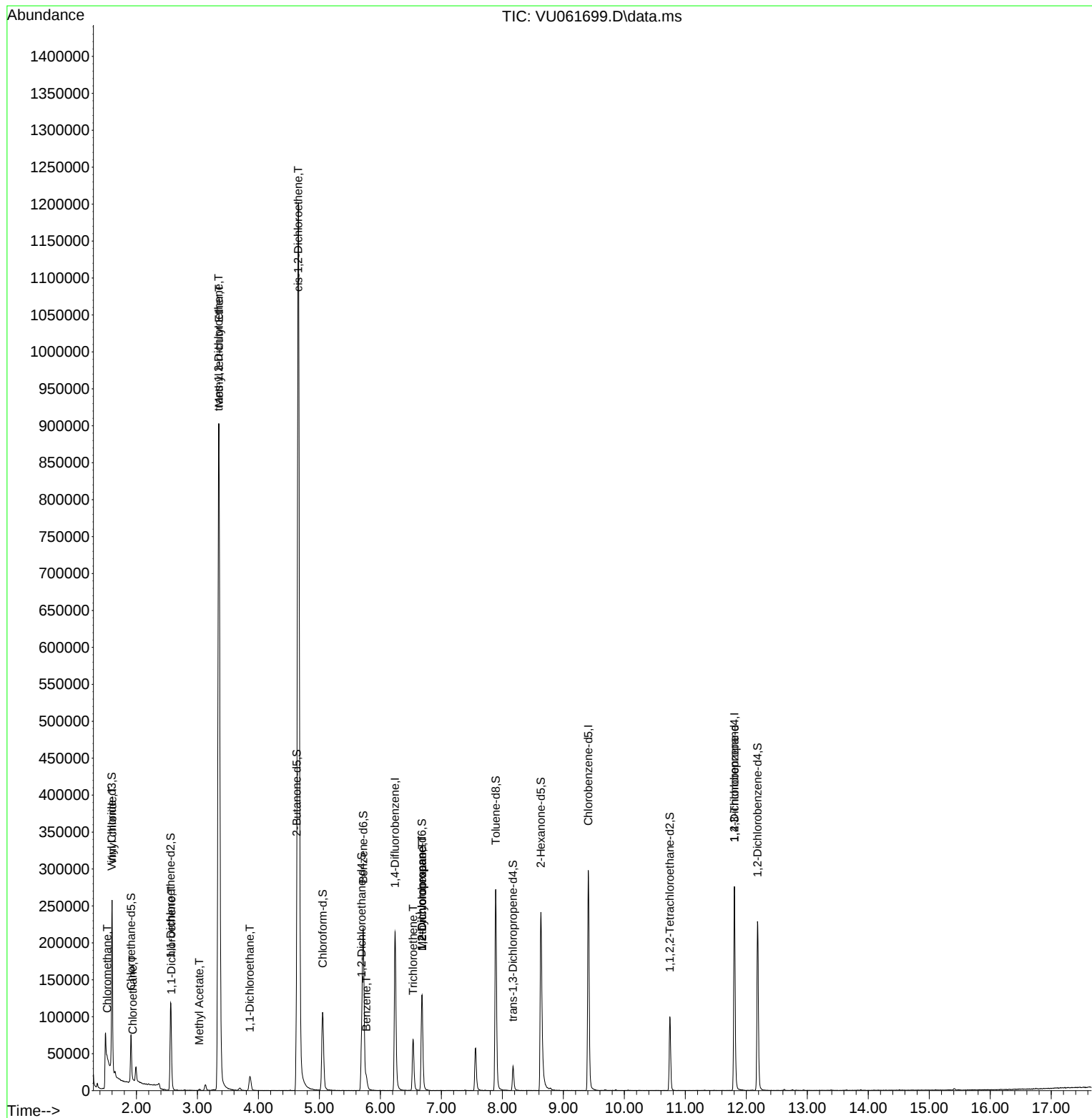
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	190004	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	176218	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	78334	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	48065	3.915	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.400%
7) Chloroethane-d5	1.911	69	46228	4.411	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.200%
11) 1,1-Dichloroethene-d2	2.560	65	21656	3.932	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.600%
20) 2-Butanone-d5	4.628	46	124325	47.713	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.420%
24) Chloroform-d	5.052	84	101181	4.146	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.000%
26) 1,2-Dichloroethane-d4	5.692	65	51512	4.399	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
32) Benzene-d6	5.718	84	219600	4.505	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
36) 1,2-Dichloropropane-d6	6.679	67	66314	4.612	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.200%
41) Toluene-d8	7.891	98	196391	4.322	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.400%
43) trans-1,3-Dichloroprop...	8.174	79	20918	3.950	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.000%
46) 2-Hexanone-d5	8.631	63	100622	48.079	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.160%
56) 1,1,2,2-Tetrachloroeth...	10.747	84	50420	4.448	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.000%
66) 1,2-Dichlorobenzene-d4	12.184	152	65769	4.714	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.522	50	2581	0.201	ug/L #	69
5) Vinyl chloride	1.602	62	84024	5.943	ug/L #	65
8) Chloroethane	1.940	64	1878	0.191	ug/L #	50
12) 1,1-Dichloroethene	2.573	96	2458	0.214	ug/L #	1
15) Methyl Acetate	3.030	43	952	0.232	ug/L #	47
17) Methyl tert-butyl Ether	3.355	73	719845	25.606	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	153493	12.200	ug/L	98
19) 1,1-Dichloroethane	3.859	63	23149	1.009	ug/L	99
22) cis-1,2-Dichloroethene	4.654	96	655265	46.183	ug/L	99
33) Benzene	5.769	78	15686	0.294	ug/L	100
34) Trichloroethene	6.535	95	24726	1.717	ug/L	94
35) Methylcyclohexane	6.682	83	15598	0.718	ug/L #	20
37) 1,2-Dichloropropane	6.682	63	7005	0.518	ug/L #	89
61) 1,2,3-Trichloropropane	11.804	75	8780	1.190	ug/L #	63

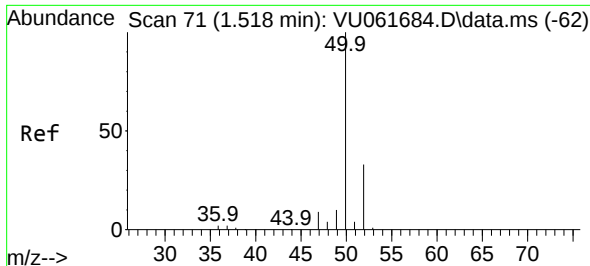
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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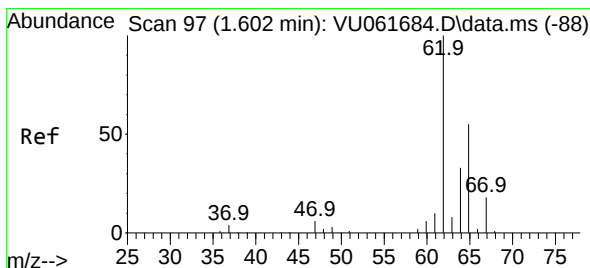
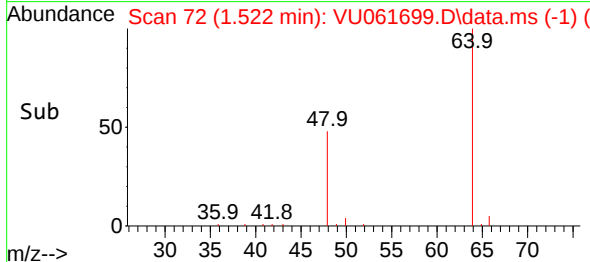
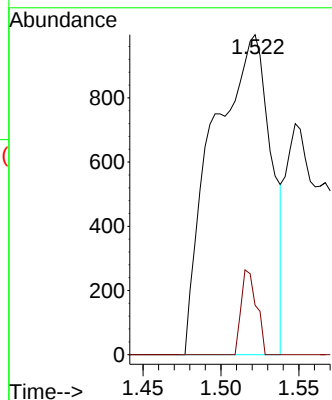
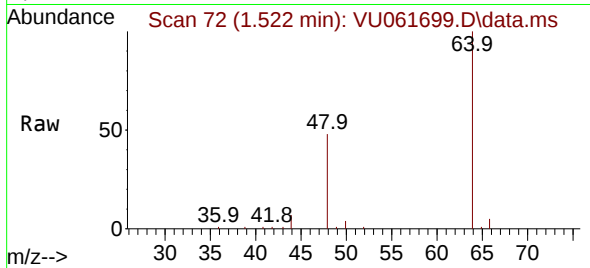




#3
Chloromethane
Concen: 0.201 ug/L
RT: 1.522 min Scan# 71
Delta R.T. 0.004 min
Lab File: VU061699.D
Acq: 15 Nov 2024 03:08

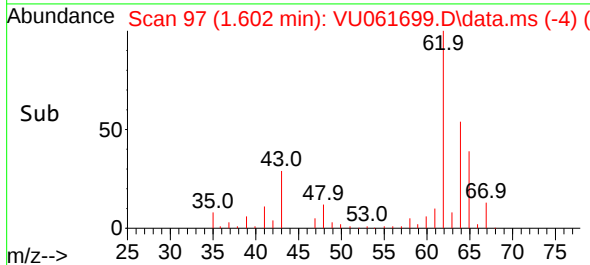
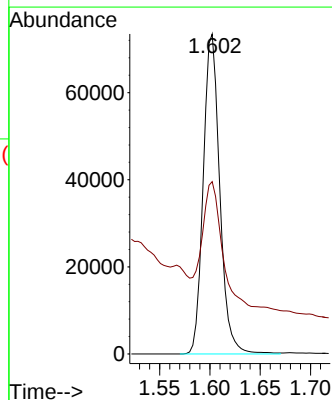
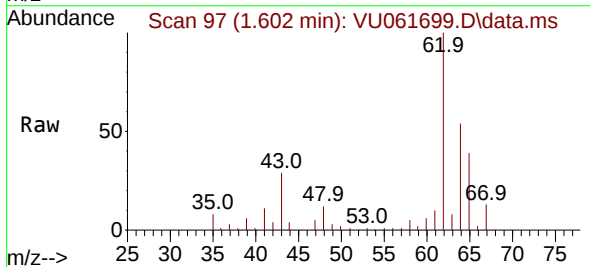
Instrument :
MSVOA_U
ClientSampleId :

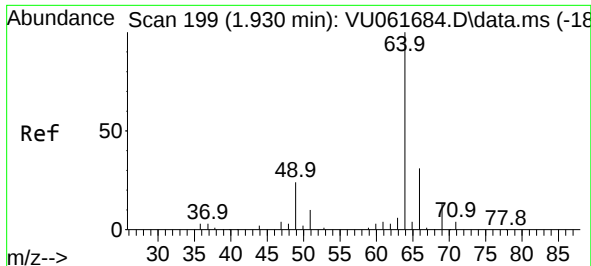
Tgt Ion: 50 Resp: 2581
Ion Ratio Lower Upper
50 100
52 15.4 23.2 43.2#



#5
Vinyl chloride
Concen: 5.943 ug/L
RT: 1.602 min Scan# 97
Delta R.T. 0.000 min
Lab File: VU061699.D
Acq: 15 Nov 2024 03:08

Tgt Ion: 62 Resp: 84024
Ion Ratio Lower Upper
62 100
64 53.8 23.7 44.1#





#8

Chloroethane

Concen: 0.191 ug/L

RT: 1.940 min Scan# 202

Delta R.T. 0.010 min

Lab File: VU061699.D

Acq: 15 Nov 2024 03:08

Instrument :

MSVOA_U

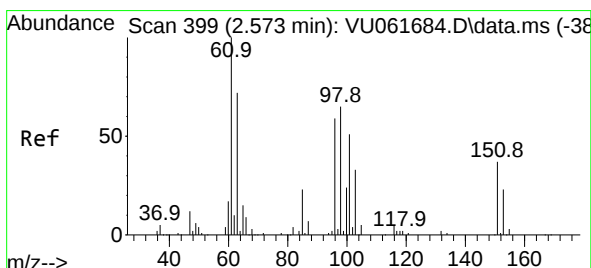
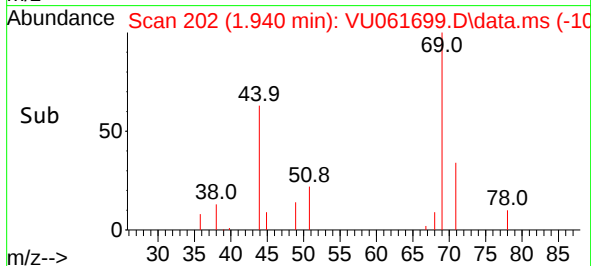
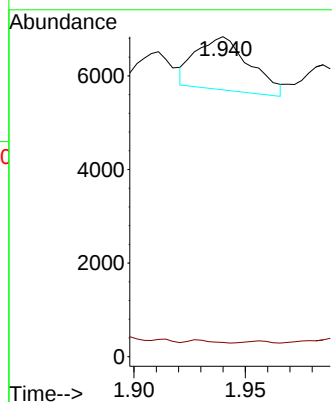
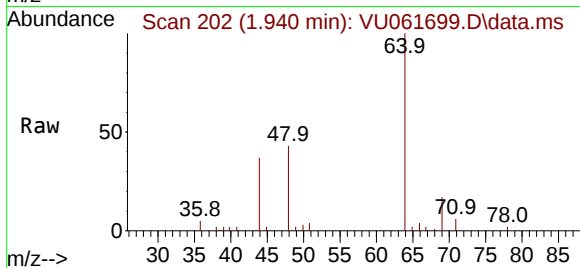
ClientSampleId :

Tgt Ion: 64 Resp: 1878

Ion Ratio Lower Upper

64 100

66 4.5 23.1 42.9#



#12

1,1-Dichloroethene

Concen: 0.214 ug/L

RT: 2.573 min Scan# 399

Delta R.T. 0.000 min

Lab File: VU061699.D

Acq: 15 Nov 2024 03:08

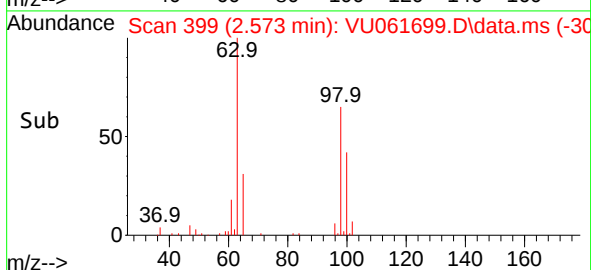
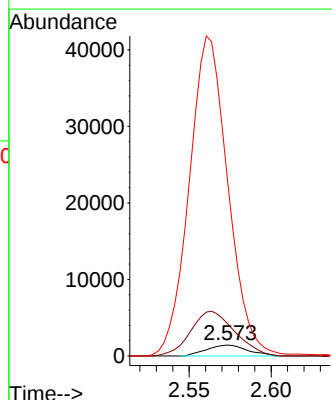
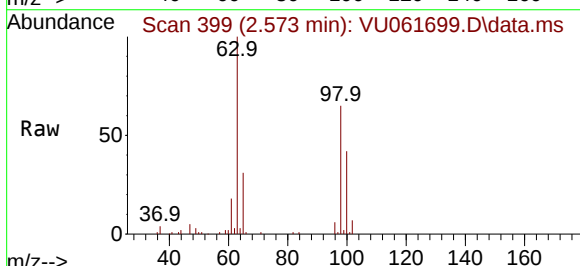
Tgt Ion: 96 Resp: 2458

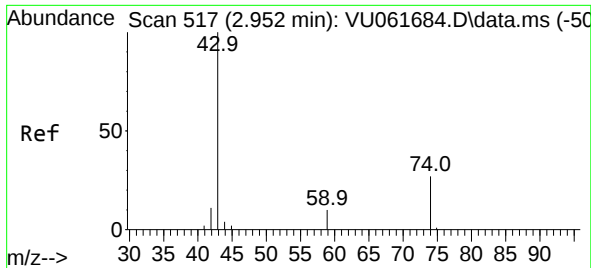
Ion Ratio Lower Upper

96 100

61 300.0 116.8 217.0#

63 1631.6 86.1 159.9#

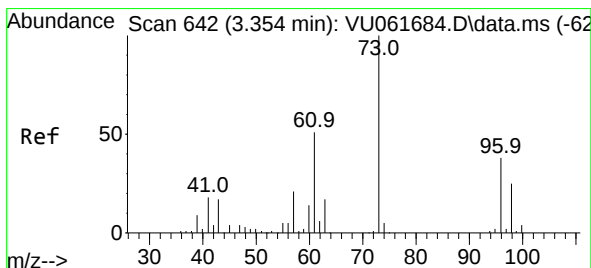
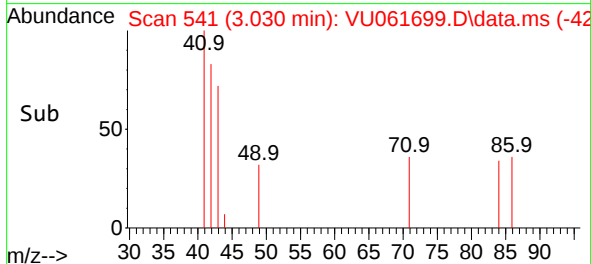
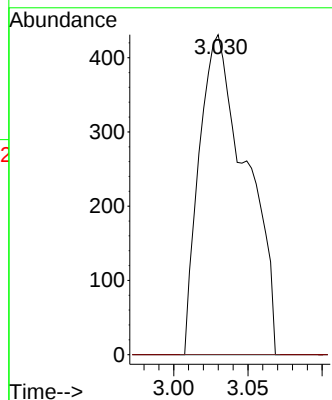
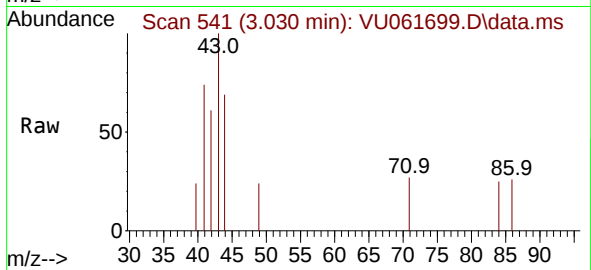




#15
Methyl Acetate
Concen: 0.232 ug/L
RT: 3.030 min Scan# 541
Delta R.T. 0.078 min
Lab File: VU061699.D
Acq: 15 Nov 2024 03:08

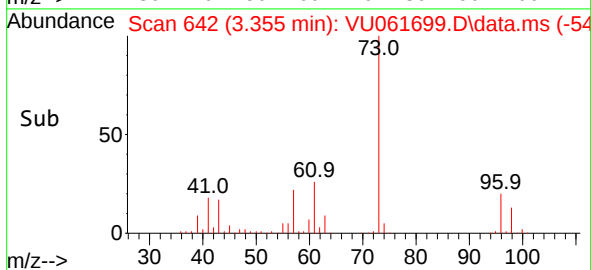
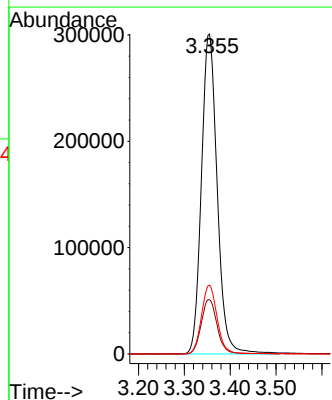
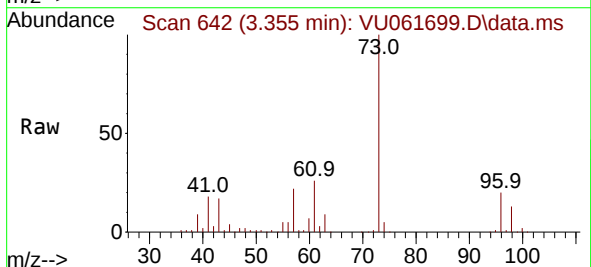
Instrument :
MSVOA_U
ClientSampleId :

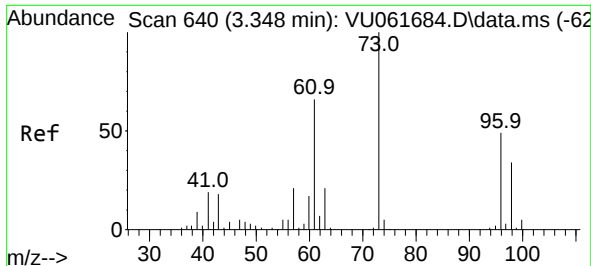
Tgt Ion: 43 Resp: 952
Ion Ratio Lower Upper
43 100
74 0.0 22.5 33.7#



#17
Methyl tert-butyl Ether
Concen: 25.606 ug/L
RT: 3.355 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU061699.D
Acq: 15 Nov 2024 03:08

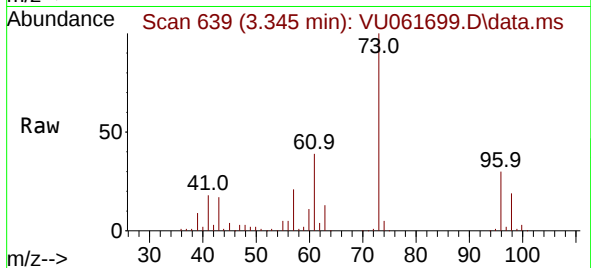
Tgt Ion: 73 Resp: 719845
Ion Ratio Lower Upper
73 100
43 17.2 14.2 21.4
57 21.3 16.9 25.3



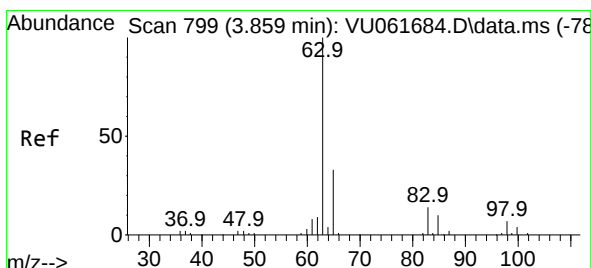
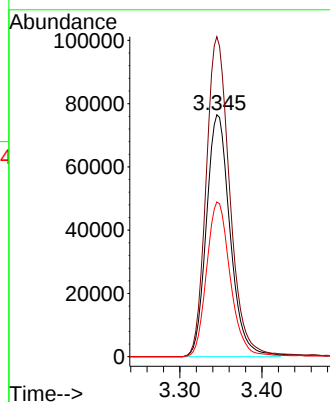
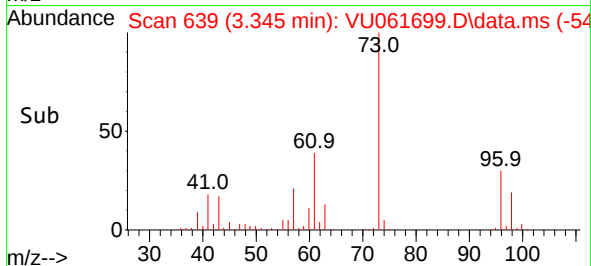


#18
trans-1,2-Dichloroethene
Concen: 12.200 ug/L
RT: 3.345 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU061699.D
Acq: 15 Nov 2024 03:08

Instrument :
MSVOA_U
ClientSampleId :

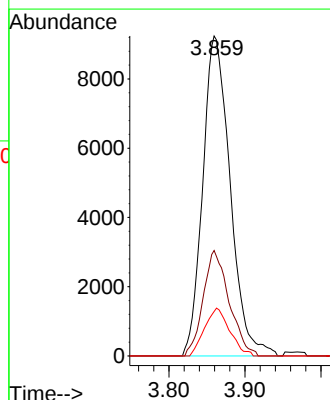
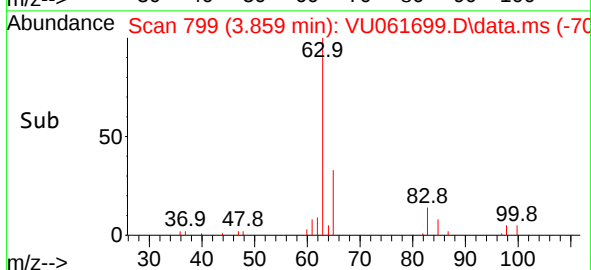
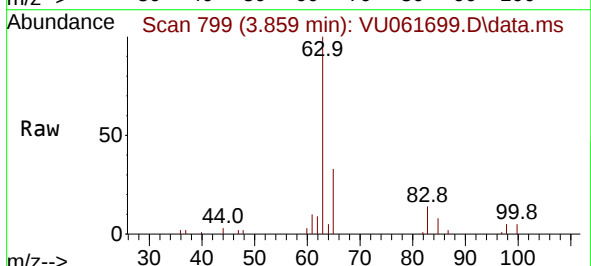


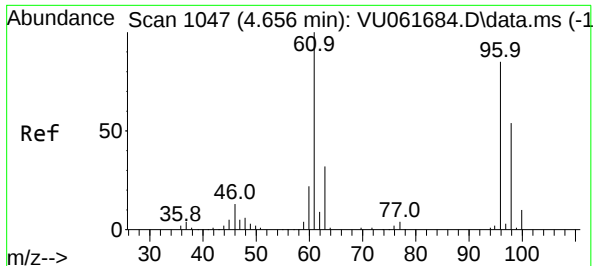
Tgt Ion: 96 Resp: 153493
Ion Ratio Lower Upper
96 100
61 132.3 94.1 174.8
98 64.0 43.2 80.2



#19
1,1-Dichloroethane
Concen: 1.009 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU061699.D
Acq: 15 Nov 2024 03:08

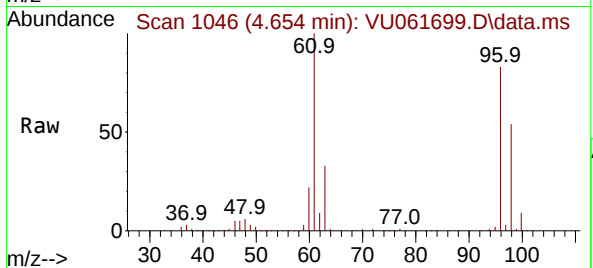
Tgt Ion: 63 Resp: 23149
Ion Ratio Lower Upper
63 100
65 33.0 23.4 43.4
83 13.9 9.6 17.8





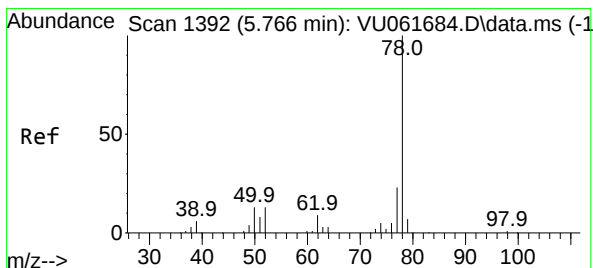
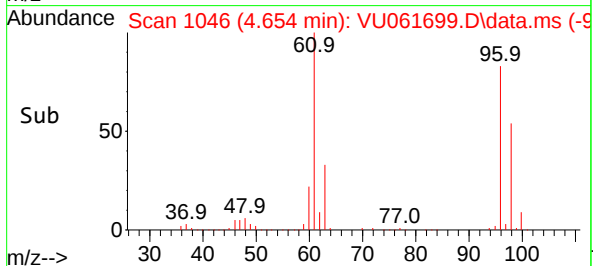
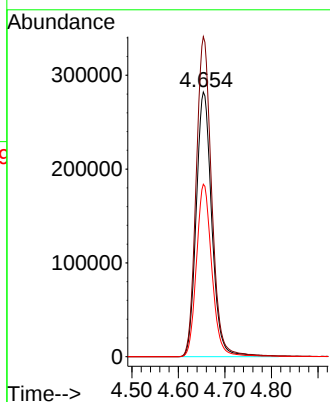
#22
 cis-1,2-Dichloroethene
 Concen: 46.183 ug/L
 RT: 4.654 min Scan# 1046
 Delta R.T. -0.003 min
 Lab File: VU061699.D
 Acq: 15 Nov 2024 03:08

Instrument :
 MSVOA_U
 ClientSampleId :



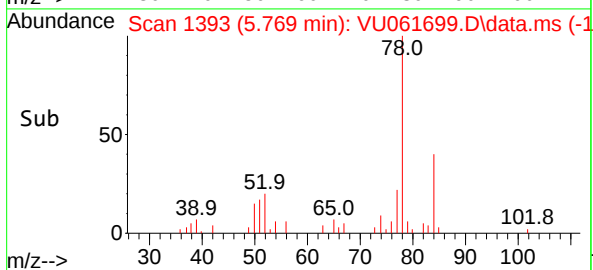
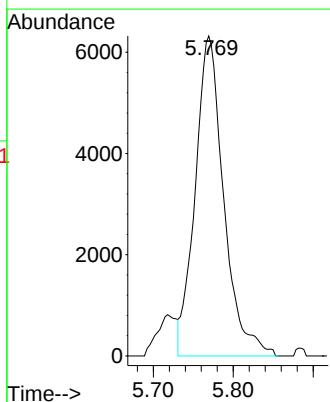
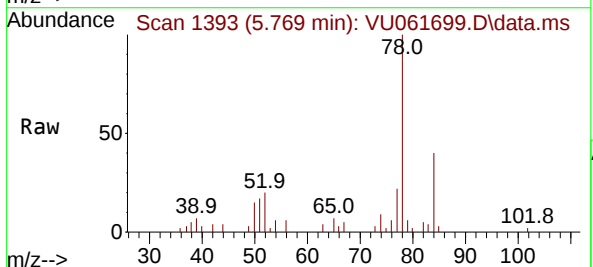
Tgt Ion: 96 Resp: 655265

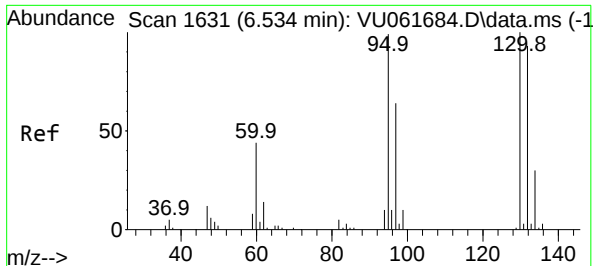
Ion	Ratio	Lower	Upper
96	100		
61	120.9	85.6	159.0
98	65.1	45.6	84.8



#33
 Benzene
 Concen: 0.294 ug/L
 RT: 5.769 min Scan# 1393
 Delta R.T. 0.004 min
 Lab File: VU061699.D
 Acq: 15 Nov 2024 03:08

Tgt Ion: 78 Resp: 15686

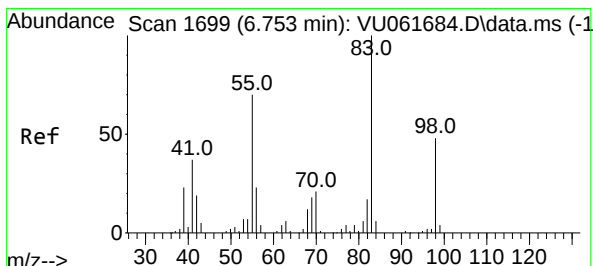
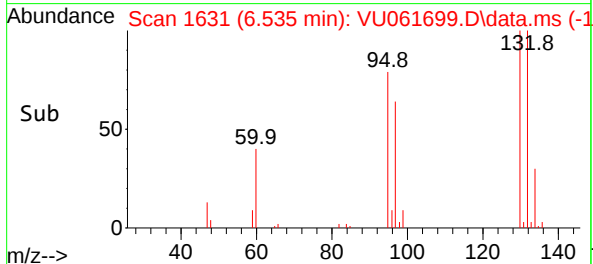
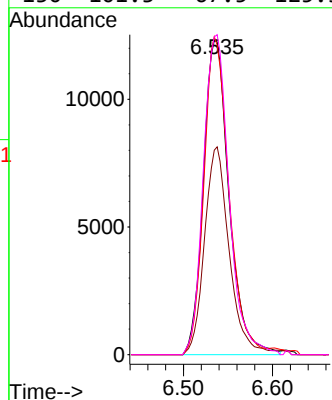
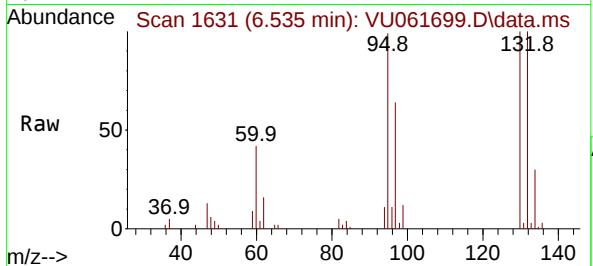




#34
Trichloroethene
Concen: 1.717 ug/L
RT: 6.535 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VU061699.D
Acq: 15 Nov 2024 03:08

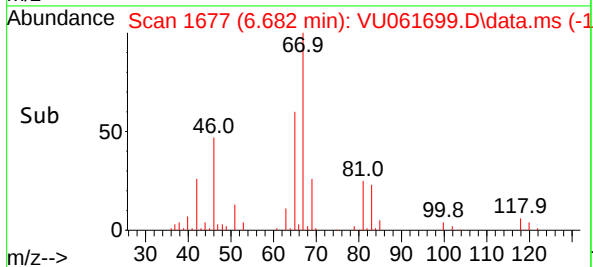
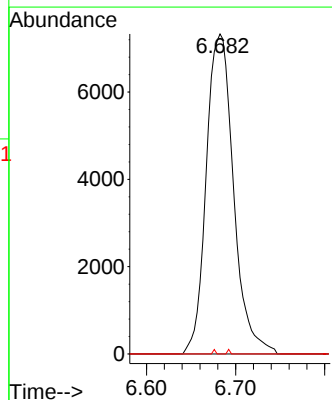
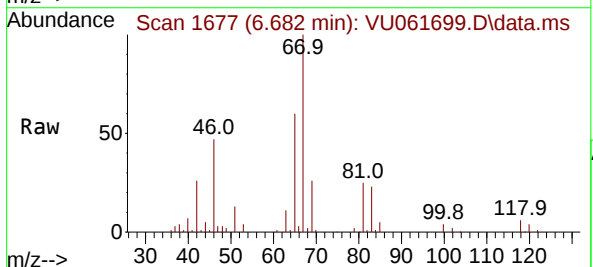
Instrument :
MSVOA_U
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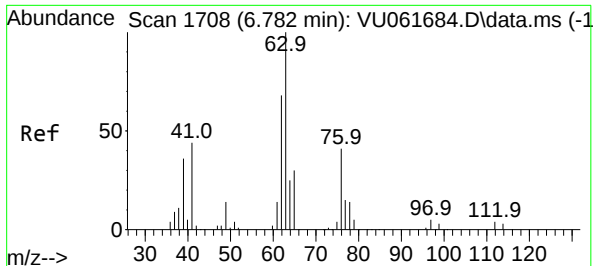
Tgt Ion: 95 Resp: 24726
Ion Ratio Lower Upper
95 100
97 65.2 43.5 80.9
132 101.4 65.2 121.0
130 101.3 67.5 125.3



#35
Methylcyclohexane
Concen: 0.718 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.070 min
Lab File: VU061699.D
Acq: 15 Nov 2024 03:08

Tgt Ion: 83 Resp: 15598
Ion Ratio Lower Upper
83 100
55 0.0 56.4 84.6#
98 0.0 37.7 56.5#

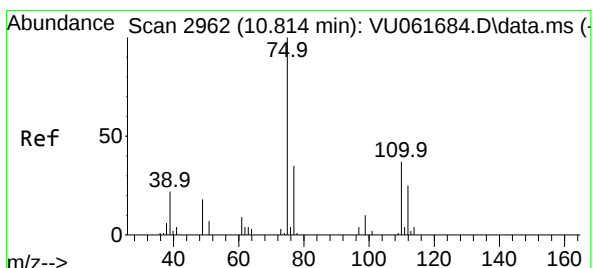
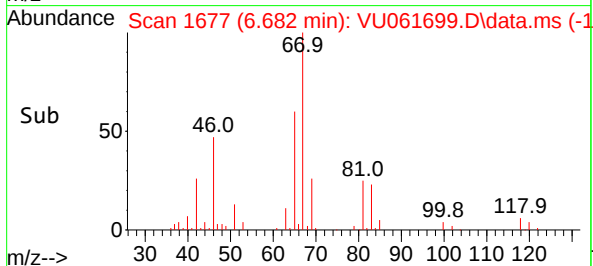
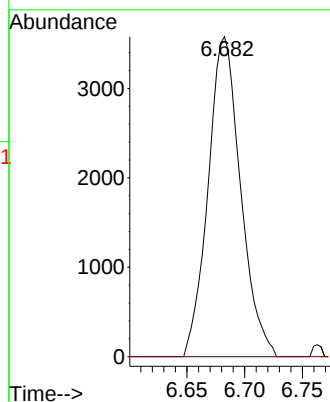
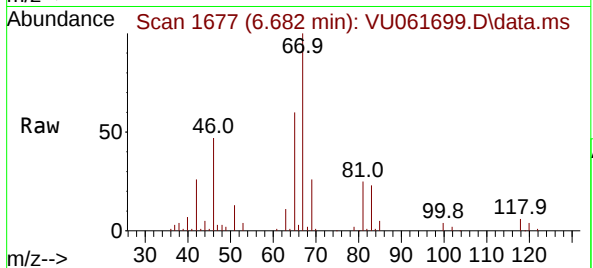




#37
1,2-Dichloropropane
Concen: 0.518 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.099 min
Lab File: VU061699.D
Acq: 15 Nov 2024 03:08

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 7005
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



#61
1,2,3-Trichloropropane
Concen: 1.190 ug/L
RT: 11.804 min Scan# 3270
Delta R.T. 0.991 min
Lab File: VU061699.D
Acq: 15 Nov 2024 03:08

Tgt Ion: 75 Resp: 8780
Ion Ratio Lower Upper
75 100
110 1.6 31.3 46.9#
77 37.1 26.0 39.0

