

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111424\
 Data File : VU061672.D
 Acq On : 14 Nov 2024 15:20
 Operator : MD/SY
 Sample : P4804-07DL 5X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 15 00:46:47 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)

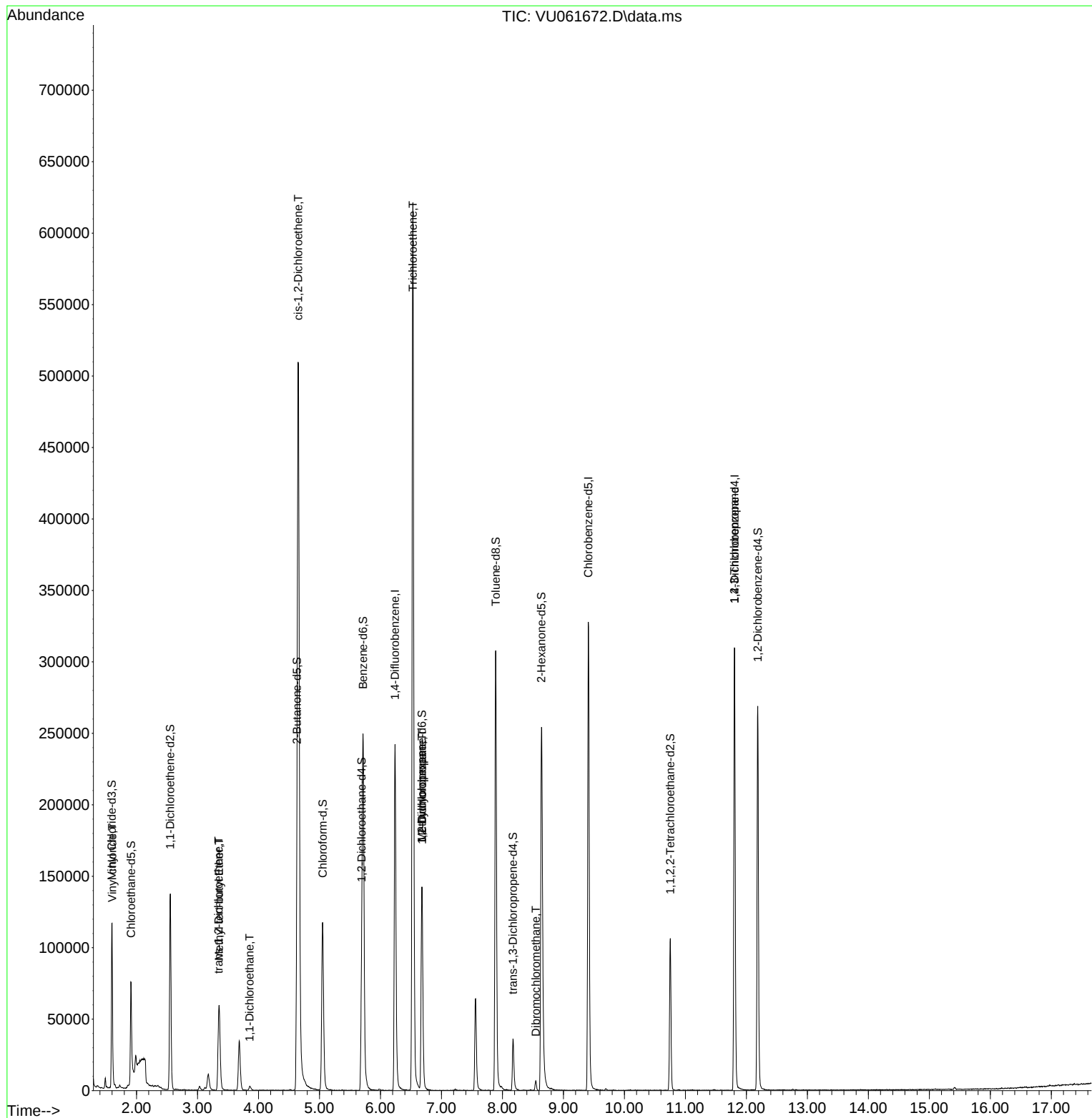
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	208450	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	195350	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	86818	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	53969	4.007	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	80.200%	
7) Chloroethane-d5	1.911	69	57465	4.998	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	100.000%	
11) 1,1-Dichloroethene-d2	2.554	65	25476	4.216	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	84.400%	
20) 2-Butanone-d5	4.631	46	123924	43.350	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	86.700%	
24) Chloroform-d	5.052	84	113144	4.226	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.600%	
26) 1,2-Dichloroethane-d4	5.692	65	56886	4.428	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.600%	
32) Benzene-d6	5.714	84	244641	4.527	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.600%	
36) 1,2-Dichloropropane-d6	6.679	67	71249	4.470	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	89.400%	
41) Toluene-d8	7.891	98	221429	4.396	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.000%	
43) trans-1,3-Dichloroprop...	8.174	79	22541	3.839	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	76.800%	
46) 2-Hexanone-d5	8.640	63	110173	47.487	ug/L	0.01
Spiked Amount	50.000	Range 45 - 130	Recovery	=	94.980%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	53505	4.258	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	85.200%	
66) 1,2-Dichlorobenzene-d4	12.187	152	73737	4.769	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	95.400%	
Target Compounds						
5) Vinyl chloride	1.602	62	30213	1.948	ug/L	100
17) Methyl tert-butyl Ether	3.354	73	56476	1.831	ug/L	100
18) trans-1,2-Dichloroethene	3.345	96	6937	0.503	ug/L	93
19) 1,1-Dichloroethane	3.856	63	3825	0.152	ug/L	99
22) cis-1,2-Dichloroethene	4.653	96	257005	16.511	ug/L	99
34) Trichloroethene	6.531	95	215705	13.512	ug/L	97
35) Methylcyclohexane	6.679	83	16918	0.703	ug/L #	25
37) 1,2-Dichloropropane	6.682	63	7490	0.499	ug/L #	89
49) Dibromochloromethane	8.547	129	1579	0.138	ug/L #	10
61) 1,2,3-Trichloropropane	11.804	75	10617	1.298	ug/L #	65

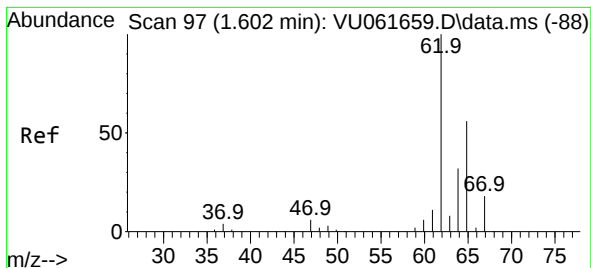
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 15 00:40:52 2024
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.948 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.000 min

Lab File: VU061672.D

Acq: 14 Nov 2024 15:20

Instrument :

MSVOA_U

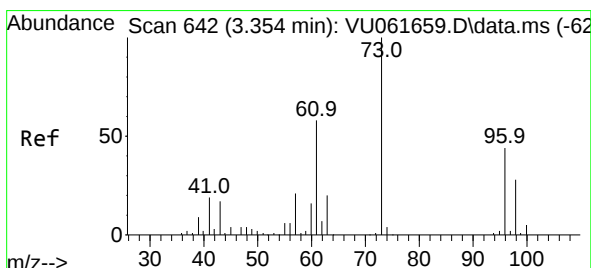
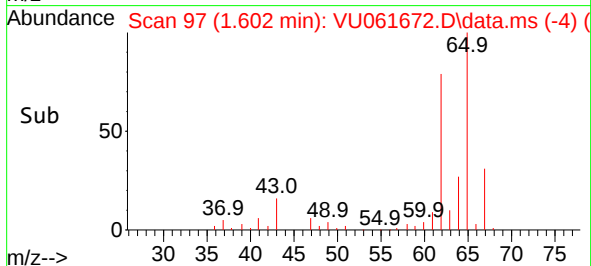
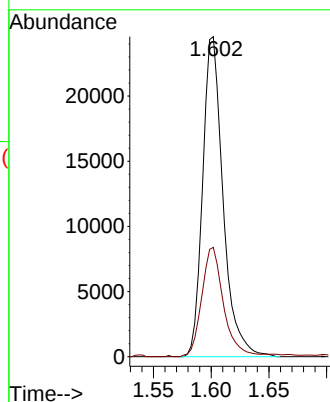
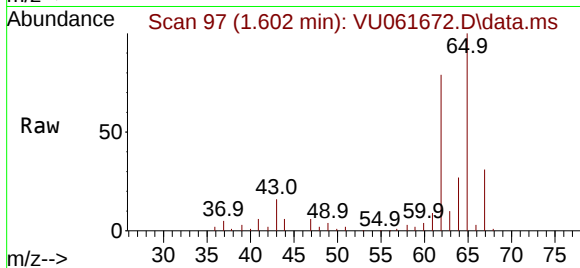
ClientSampleId :

Tgt Ion: 62 Resp: 30213

Ion Ratio Lower Upper

62 100

64 34.1 23.7 44.1



#17

Methyl tert-butyl Ether

Concen: 1.831 ug/L

RT: 3.354 min Scan# 642

Delta R.T. 0.000 min

Lab File: VU061672.D

Acq: 14 Nov 2024 15:20

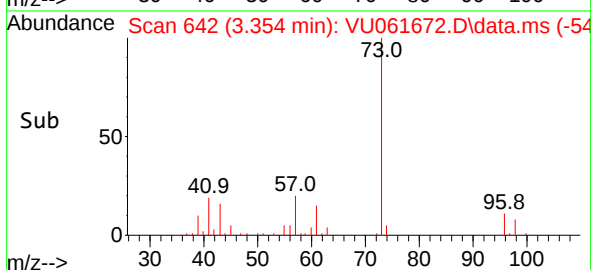
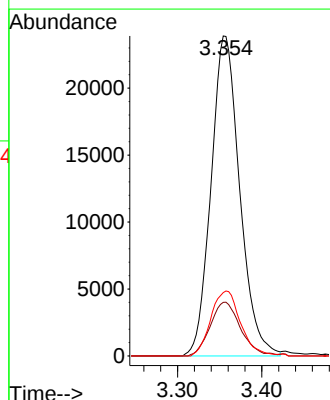
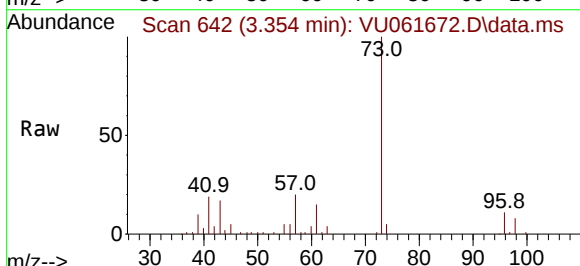
Tgt Ion: 73 Resp: 56476

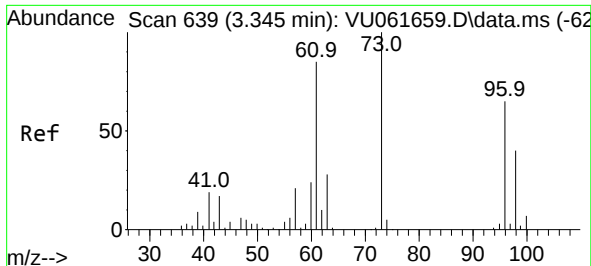
Ion Ratio Lower Upper

73 100

43 17.8 14.2 21.4

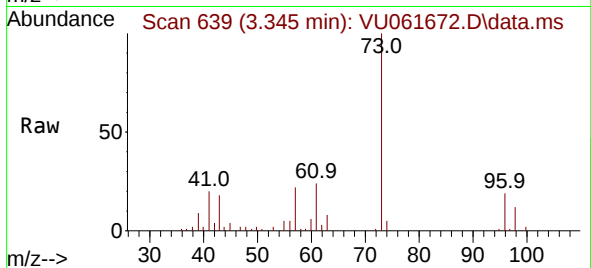
57 21.0 16.9 25.3



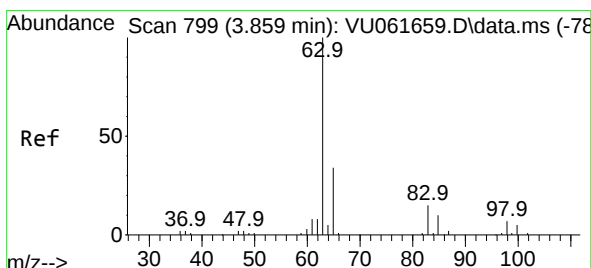
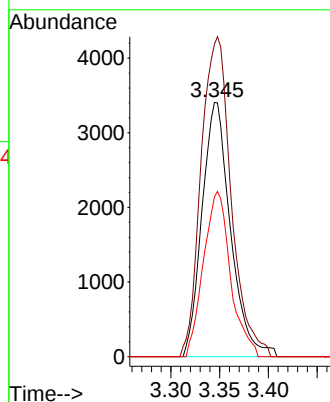
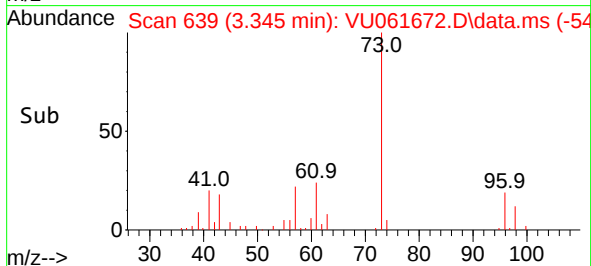


#18
trans-1,2-Dichloroethene
Concen: 0.503 ug/L
RT: 3.345 min Scan# 618
Delta R.T. 0.000 min
Lab File: VU061672.D
Acq: 14 Nov 2024 15:20

Instrument :
MSVOA_U
ClientSampleId :

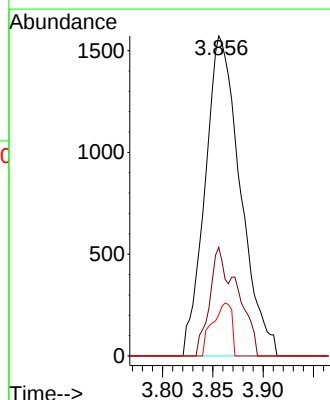
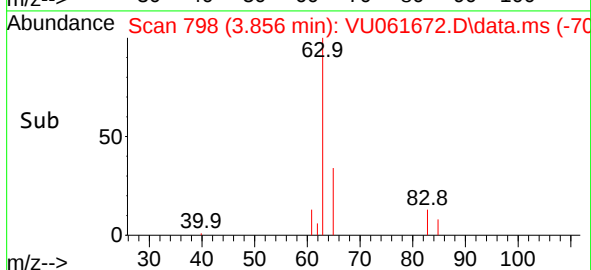
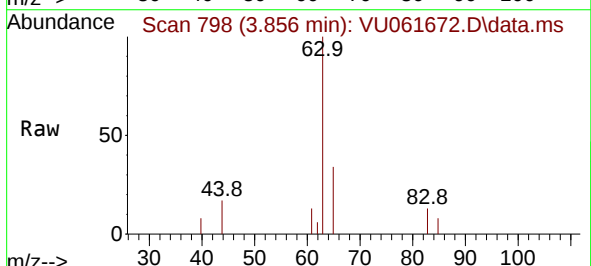


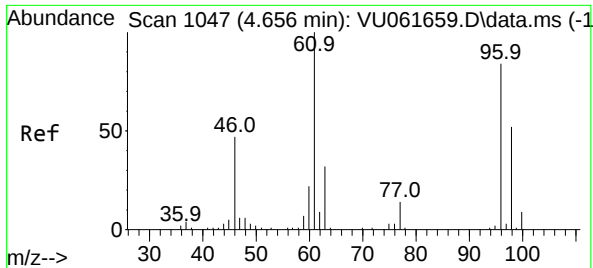
Tgt Ion:	96	Resp:	6937
Ion	Ratio	Lower	Upper
96	100		
61	122.9	94.1	174.8
98	62.9	43.2	80.2



#19
1,1-Dichloroethane
Concen: 0.152 ug/L
RT: 3.856 min Scan# 798
Delta R.T. -0.003 min
Lab File: VU061672.D
Acq: 14 Nov 2024 15:20

Tgt Ion:	63	Resp:	3825
Ion	Ratio	Lower	Upper
63	100		
65	34.0	23.4	43.4
83	12.8	9.6	17.8

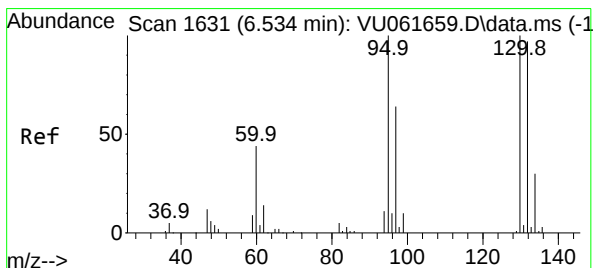
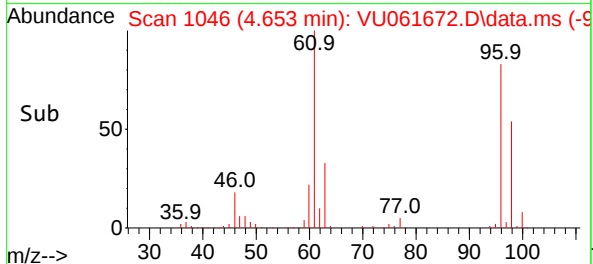
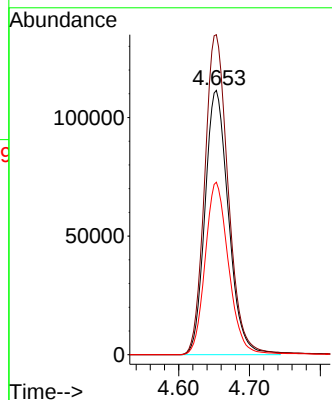
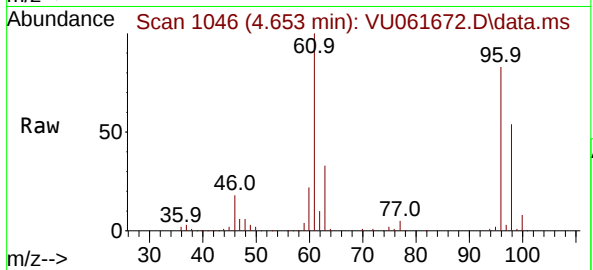




#22
cis-1,2-Dichloroethene
Concen: 16.511 ug/L
RT: 4.653 min Scan# 1046
Delta R.T. -0.003 min
Lab File: VU061672.D
Acq: 14 Nov 2024 15:20

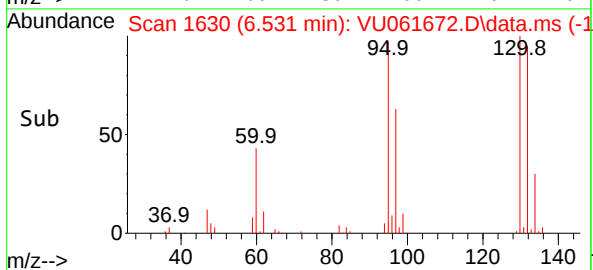
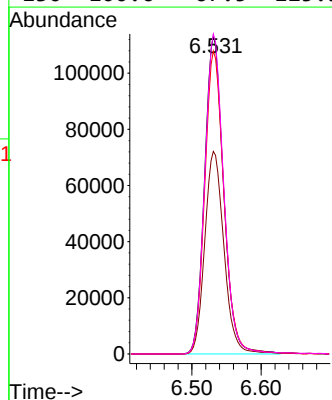
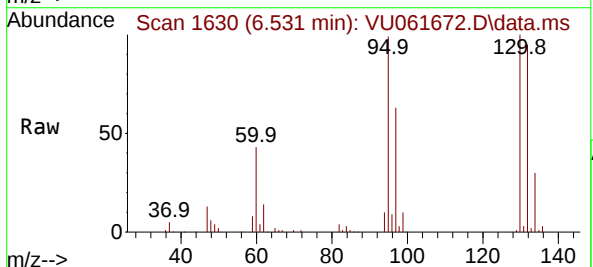
Instrument :
MSVOA_U
ClientSampleId :

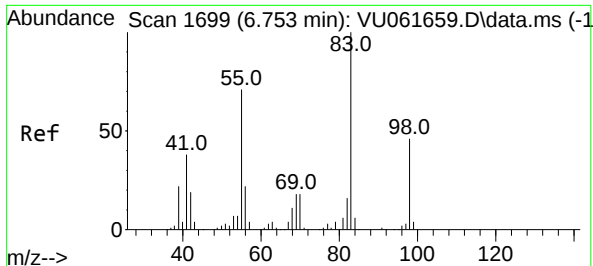
Tgt Ion: 96 Resp: 257005
Ion Ratio Lower Upper
96 100
61 121.1 85.6 159.0
98 65.2 45.6 84.8



#34
Trichloroethene
Concen: 13.512 ug/L
RT: 6.531 min Scan# 1630
Delta R.T. -0.003 min
Lab File: VU061672.D
Acq: 14 Nov 2024 15:20

Tgt Ion: 95 Resp: 215705
Ion Ratio Lower Upper
95 100
97 63.7 43.5 80.9
132 95.2 65.2 121.0
130 100.6 67.5 125.3





#35

Methylcyclohexane

Concen: 0.703 ug/L

RT: 6.679 min Scan# 1676

Delta R.T. -0.074 min

Lab File: VU061672.D

Acq: 14 Nov 2024 15:20

Instrument :

MSVOA_U

ClientSampleId :

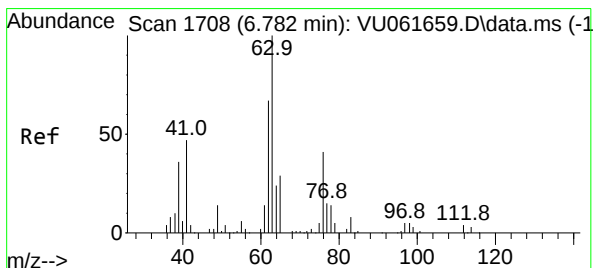
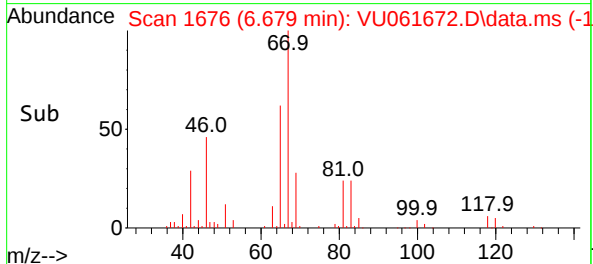
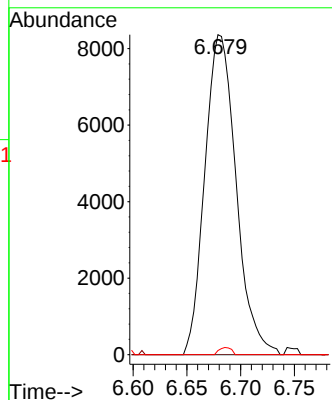
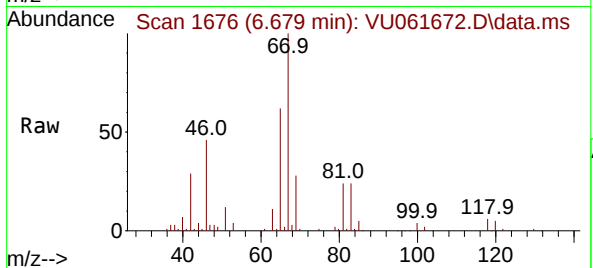
Tgt Ion: 83 Resp: 16918

Ion Ratio Lower Upper

83 100

55 0.1 56.4 84.6#

98 6.6 37.7 56.5#



#37

1,2-Dichloropropane

Concen: 0.499 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.100 min

Lab File: VU061672.D

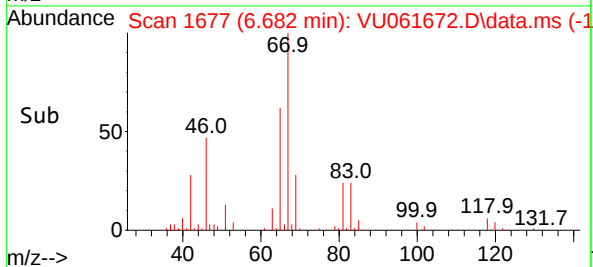
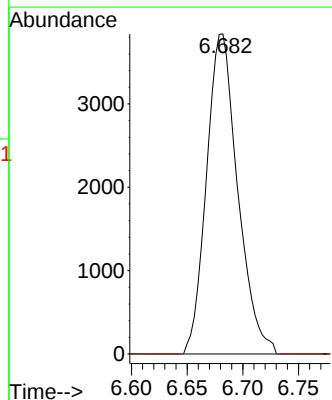
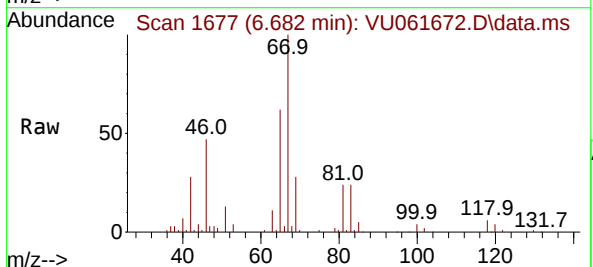
Acq: 14 Nov 2024 15:20

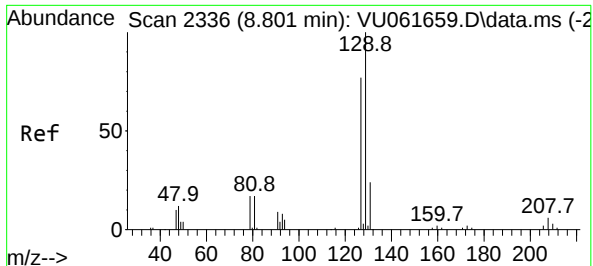
Tgt Ion: 63 Resp: 7490

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#





#49

Dibromochloromethane

Concen: 0.138 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU061672.D

Acq: 14 Nov 2024 15:20

Instrument :

MSVOA_U

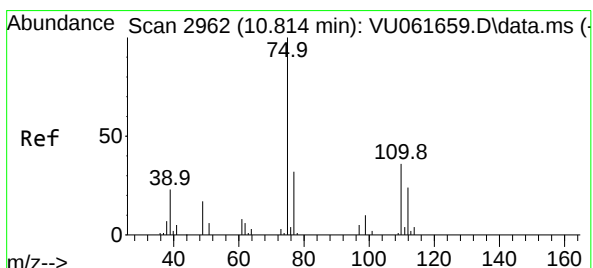
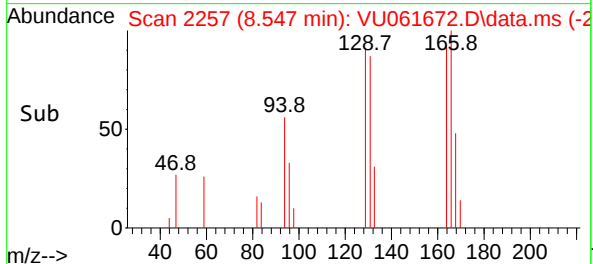
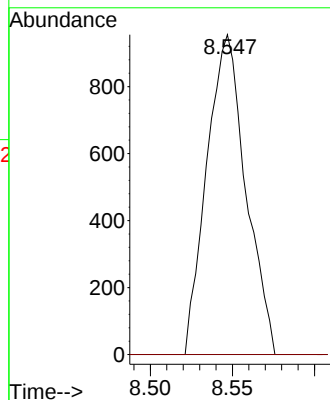
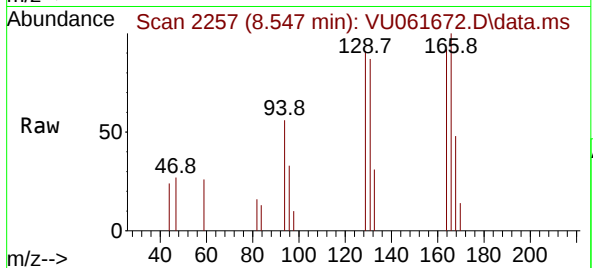
ClientSampleId :

Tgt Ion:129 Resp: 1579

Ion Ratio Lower Upper

129 100

127 0.0 55.1 102.3#



#61

1,2,3-Trichloropropane

Concen: 1.298 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.990 min

Lab File: VU061672.D

Acq: 14 Nov 2024 15:20

Tgt Ion: 75 Resp: 10617

Ion Ratio Lower Upper

75 100

110 1.7 31.3 46.9#

77 34.0 26.0 39.0

