

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111424\
 Data File : VU061676.D
 Acq On : 14 Nov 2024 16:58
 Operator : MD/SY
 Sample : P4804-11DL 5X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 15 00:48:04 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)

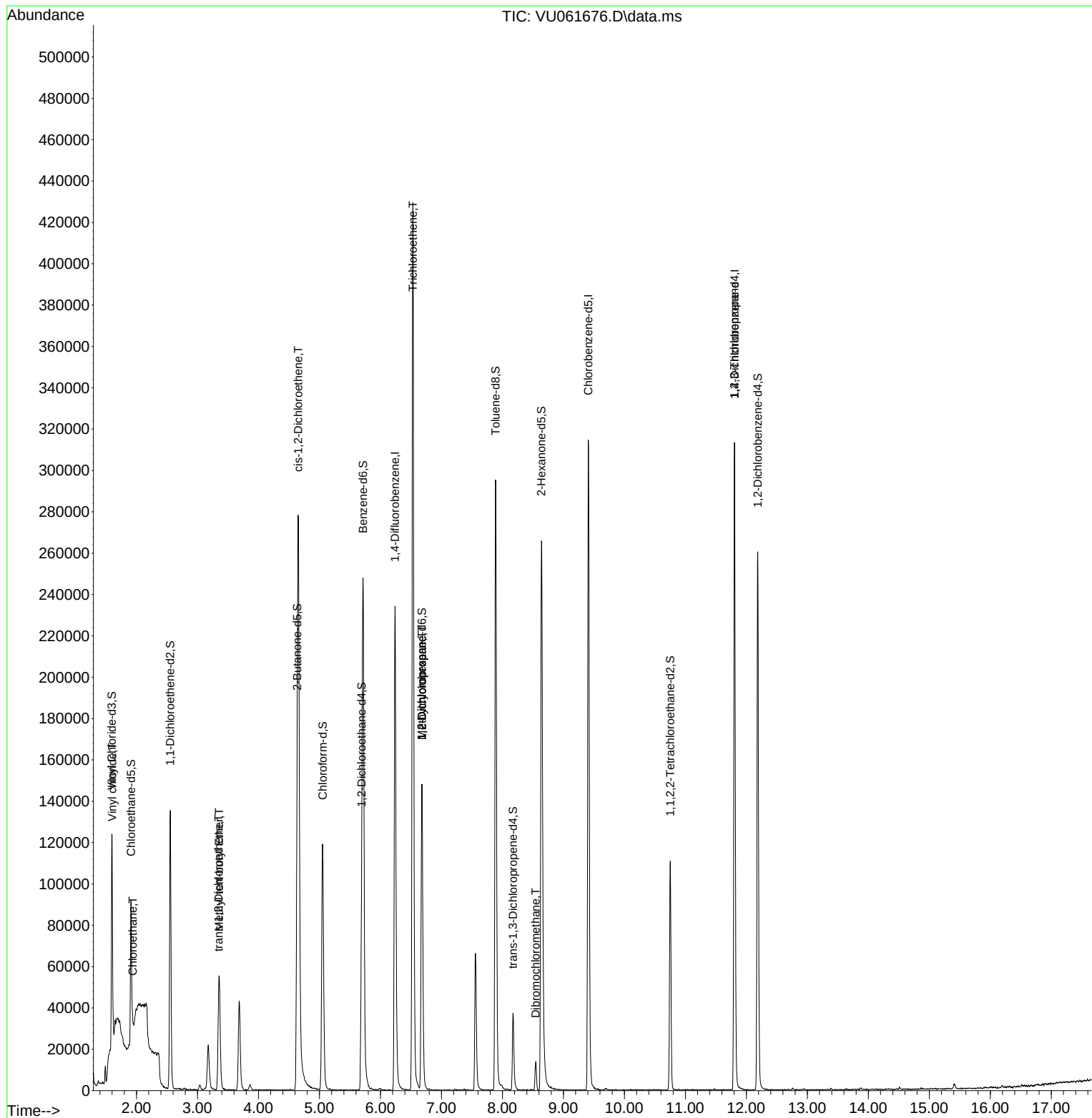
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	203731	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	191608	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	87667	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	53725	4.081	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.600%
7) Chloroethane-d5	1.911	69	54569	4.856	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.200%
11) 1,1-Dichloroethene-d2	2.554	65	24487	4.146	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.000%
20) 2-Butanone-d5	4.634	46	133819	47.896	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.800%
24) Chloroform-d	5.052	84	114861	4.390	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
26) 1,2-Dichloroethane-d4	5.692	65	59275	4.721	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
32) Benzene-d6	5.714	84	239911	4.526	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
36) 1,2-Dichloropropane-d6	6.679	67	73920	4.728	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.600%
41) Toluene-d8	7.888	98	215769	4.367	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.400%
43) trans-1,3-Dichloroprop...	8.174	79	23533	4.086	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.800%
46) 2-Hexanone-d5	8.640	63	115211	50.628	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.260%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	55504	4.503	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	72936	4.671	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.400%
Target Compounds						
5) Vinyl chloride	1.602	62	26064	1.719	ug/L #	1
8) Chloroethane	1.940	64	2439	0.232	ug/L #	50
17) Methyl tert-butyl Ether	3.354	73	54748	1.816	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	5112	0.379	ug/L	94
22) cis-1,2-Dichloroethene	4.653	96	125426	8.244	ug/L	96
34) Trichloroethene	6.531	95	150037	9.582	ug/L	95
35) Methylcyclohexane	6.679	83	17454	0.739	ug/L #	20
37) 1,2-Dichloropropane	6.679	63	8051	0.547	ug/L #	89
49) Dibromochloromethane	8.544	129	3228	0.287	ug/L #	10
61) 1,2,3-Trichloropropane	11.804	75	10192	1.234	ug/L #	65

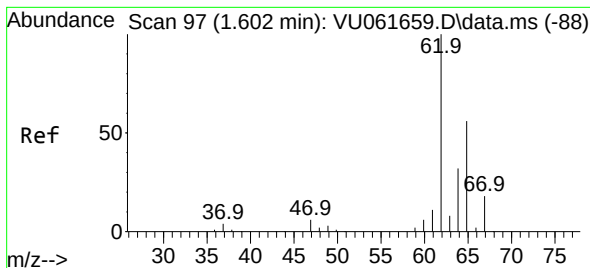
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 1.719 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.000 min

Lab File: VU061676.D

Acq: 14 Nov 2024 16:58

Instrument :

MSVOA_U

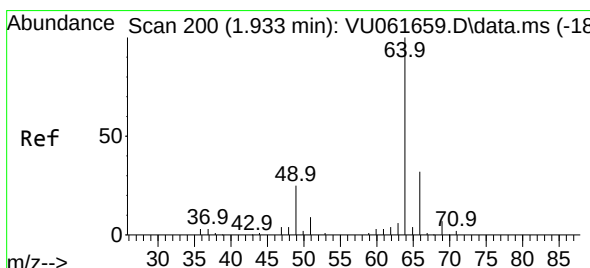
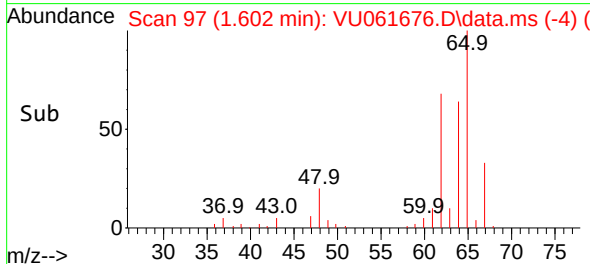
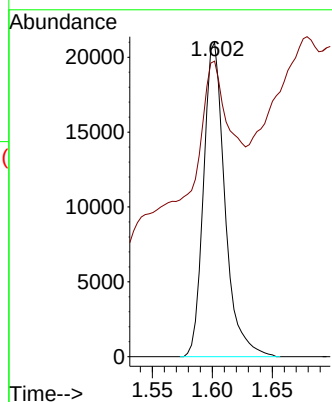
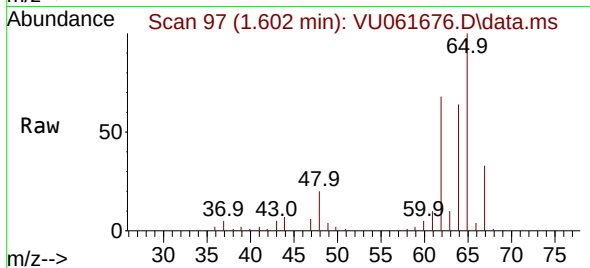
ClientSampleId :

Tgt Ion: 62 Resp: 26064

Ion Ratio Lower Upper

62 100

64 94.1 23.7 44.1#



#8

Chloroethane

Concen: 0.232 ug/L

RT: 1.940 min Scan# 202

Delta R.T. 0.006 min

Lab File: VU061676.D

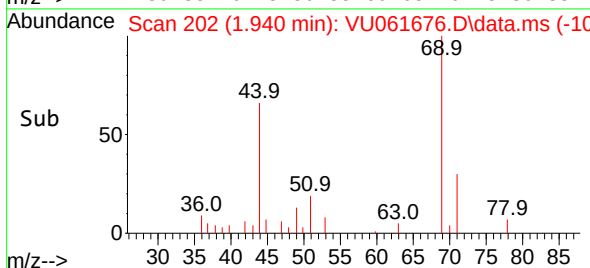
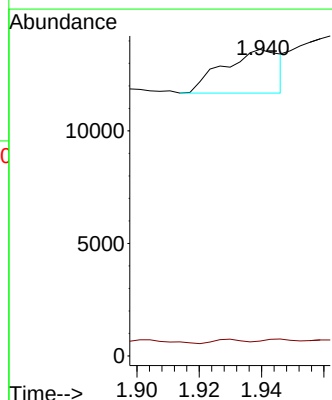
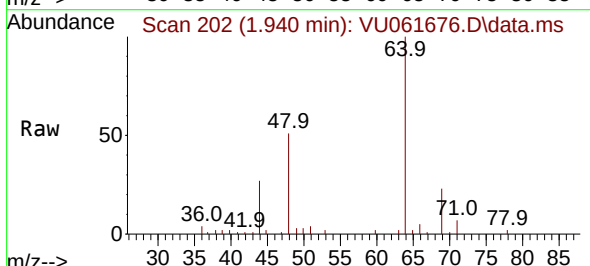
Acq: 14 Nov 2024 16:58

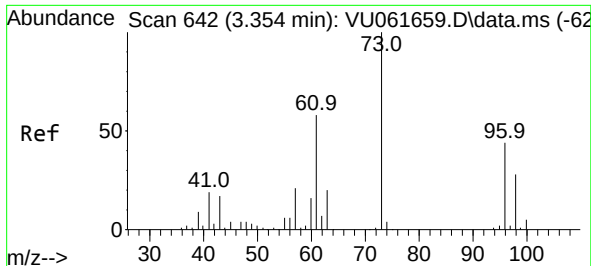
Tgt Ion: 64 Resp: 2439

Ion Ratio Lower Upper

64 100

66 4.9 23.1 42.9#

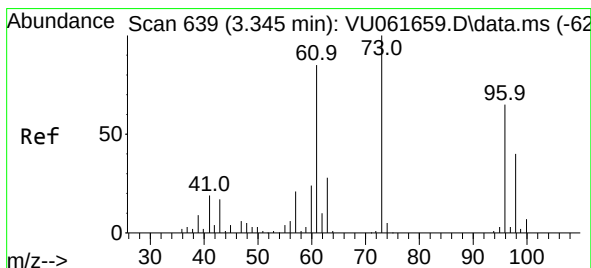
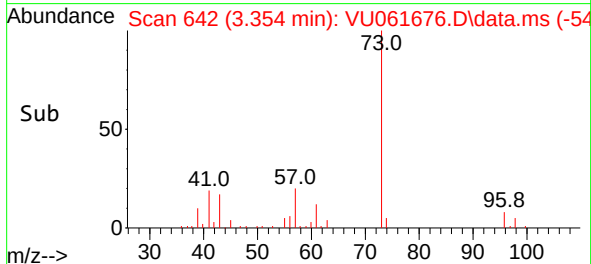
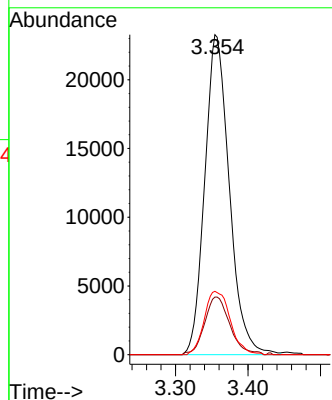
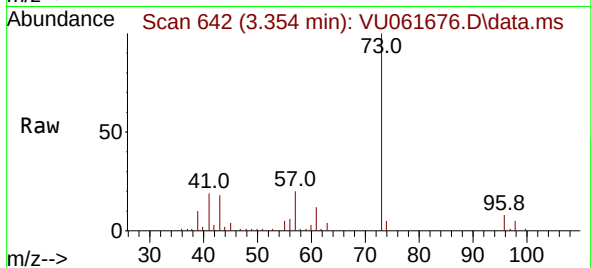




#17
Methyl tert-butyl Ether
Concen: 1.816 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU061676.D
Acq: 14 Nov 2024 16:58

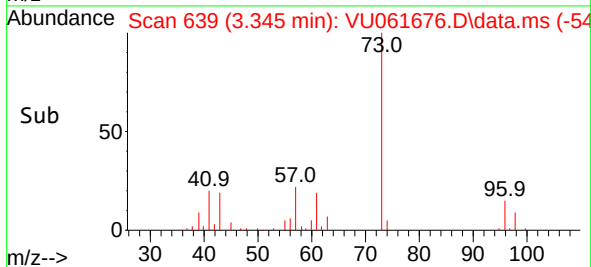
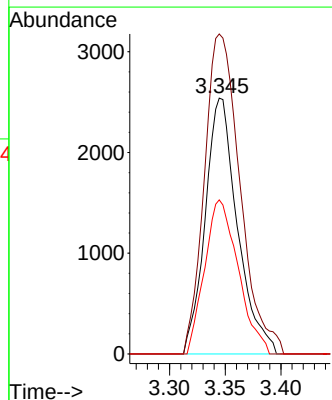
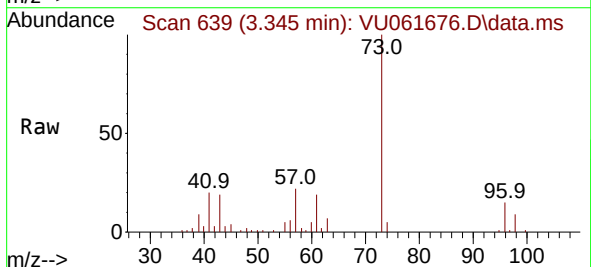
Instrument :
MSVOA_U
ClientSampleId :

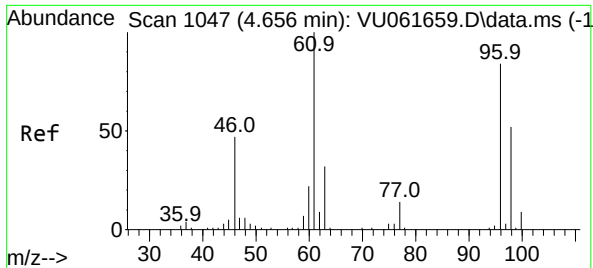
Tgt Ion: 73 Resp: 54748
Ion Ratio Lower Upper
73 100
43 18.6 14.2 21.4
57 21.0 16.9 25.3



#18
trans-1,2-Dichloroethene
Concen: 0.379 ug/L
RT: 3.345 min Scan# 639
Delta R.T. 0.000 min
Lab File: VU061676.D
Acq: 14 Nov 2024 16:58

Tgt Ion: 96 Resp: 5112
Ion Ratio Lower Upper
96 100
61 125.0 94.1 174.8
98 60.2 43.2 80.2

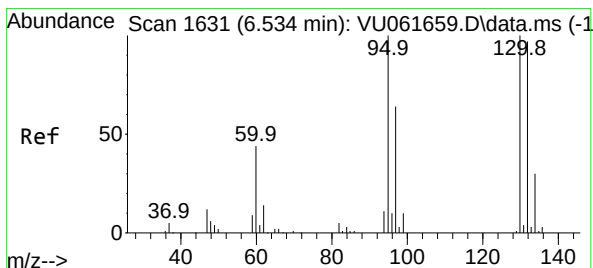
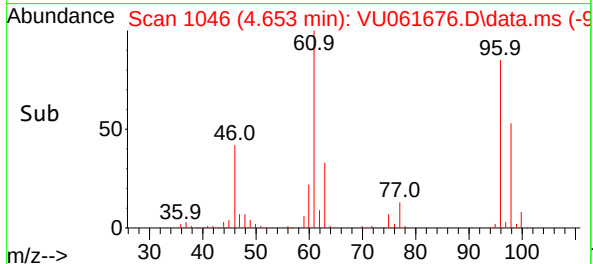
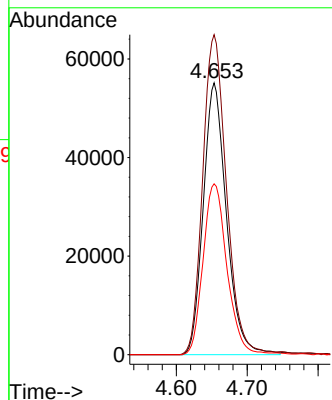
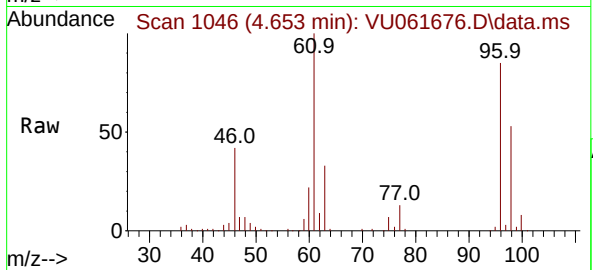




#22
 cis-1,2-Dichloroethene
 Concen: 8.244 ug/L
 RT: 4.653 min Scan# 1046
 Delta R.T. -0.003 min
 Lab File: VU061676.D
 Acq: 14 Nov 2024 16:58

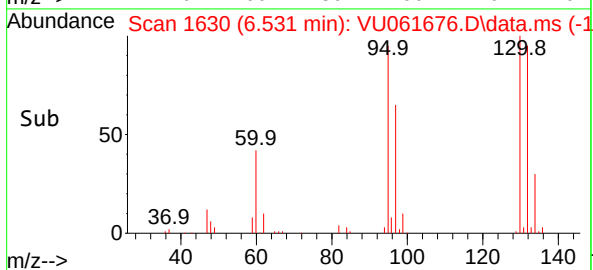
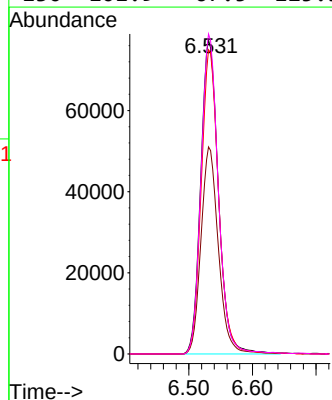
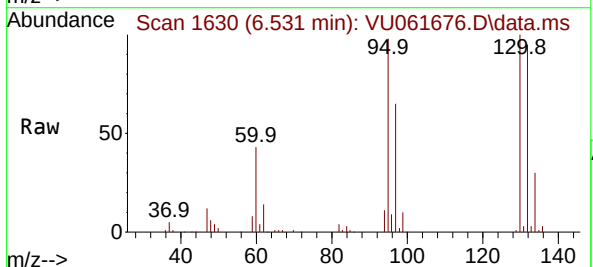
Instrument :
 MSVOA_U
 ClientSampleId :

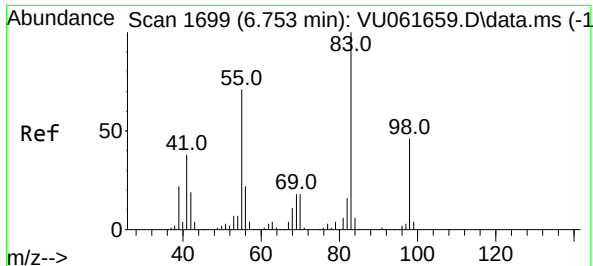
Tgt Ion: 96 Resp: 125426
 Ion Ratio Lower Upper
 96 100
 61 117.7 85.6 159.0
 98 62.9 45.6 84.8



#34
 Trichloroethene
 Concen: 9.582 ug/L
 RT: 6.531 min Scan# 1630
 Delta R.T. -0.003 min
 Lab File: VU061676.D
 Acq: 14 Nov 2024 16:58

Tgt Ion: 95 Resp: 150037
 Ion Ratio Lower Upper
 95 100
 97 65.9 43.5 80.9
 132 96.8 65.2 121.0
 130 101.9 67.5 125.3





#35

Methylcyclohexane

Concen: 0.739 ug/L

RT: 6.679 min Scan# 1676

Delta R.T. -0.074 min

Lab File: VU061676.D

Acq: 14 Nov 2024 16:58

Instrument :

MSVOA_U

ClientSampleId :

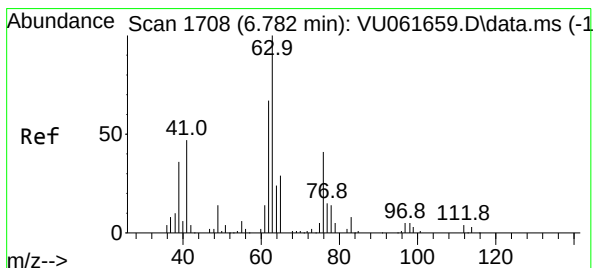
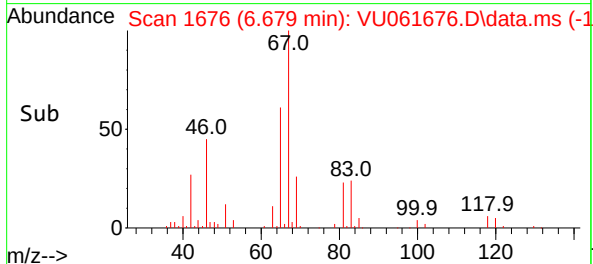
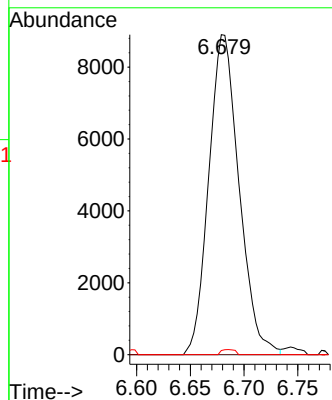
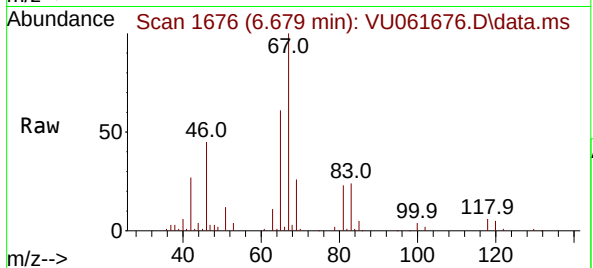
Tgt Ion: 83 Resp: 17454

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: 0.547 ug/L

RT: 6.679 min Scan# 1676

Delta R.T. -0.103 min

Lab File: VU061676.D

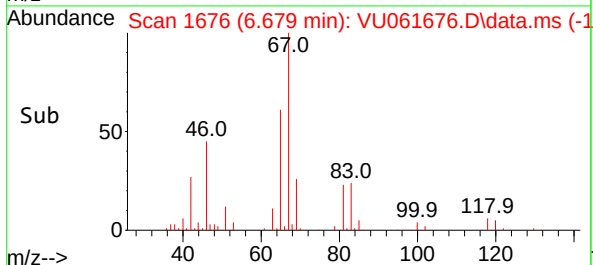
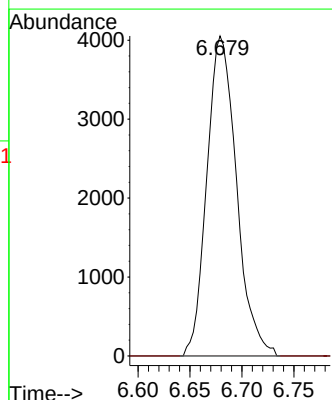
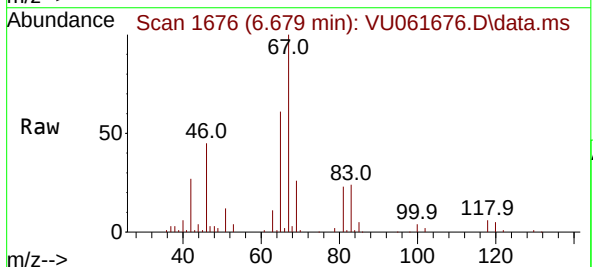
Acq: 14 Nov 2024 16:58

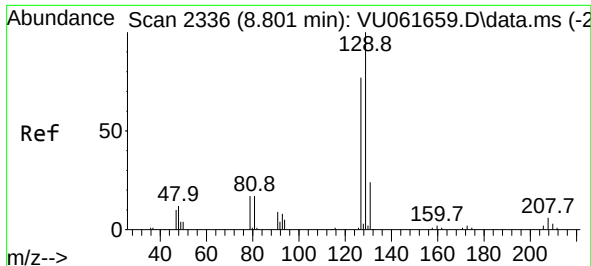
Tgt Ion: 63 Resp: 8051

Ion Ratio Lower Upper

63 100

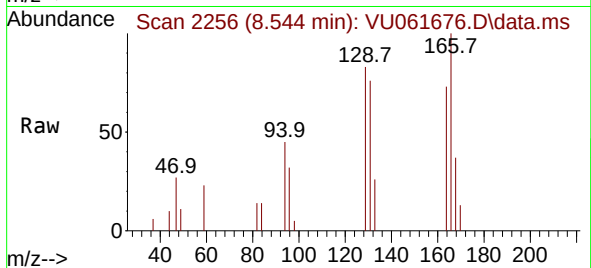
112 0.0 3.0 4.4#



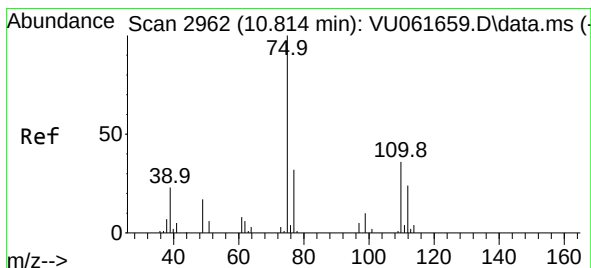
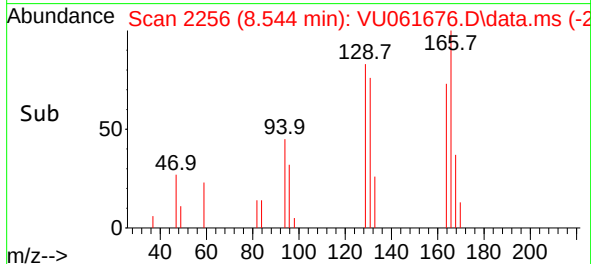
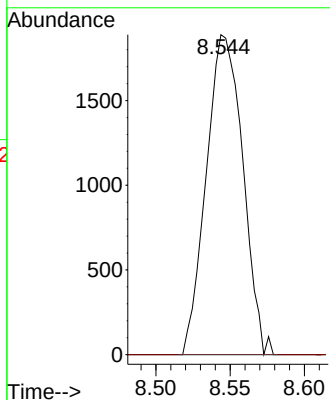


#49
Dibromochloromethane
Concen: 0.287 ug/L
RT: 8.544 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU061676.D
Acq: 14 Nov 2024 16:58

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:129 Resp: 3228
Ion Ratio Lower Upper
129 100
127 0.0 55.1 102.3#



#61
1,2,3-Trichloropropane
Concen: 1.234 ug/L
RT: 11.804 min Scan# 3270
Delta R.T. 0.990 min
Lab File: VU061676.D
Acq: 14 Nov 2024 16:58

Tgt Ion: 75 Resp: 10192
Ion Ratio Lower Upper
75 100
110 1.9 31.3 46.9#
77 34.8 26.0 39.0

