

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111824\
 Data File : VU061822.D
 Acq On : 18 Nov 2024 18:57
 Operator : MD/SY
 Sample : P4827-05
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 19 00:26:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 19 00:15:47 2024
 Response via : Initial Calibration

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

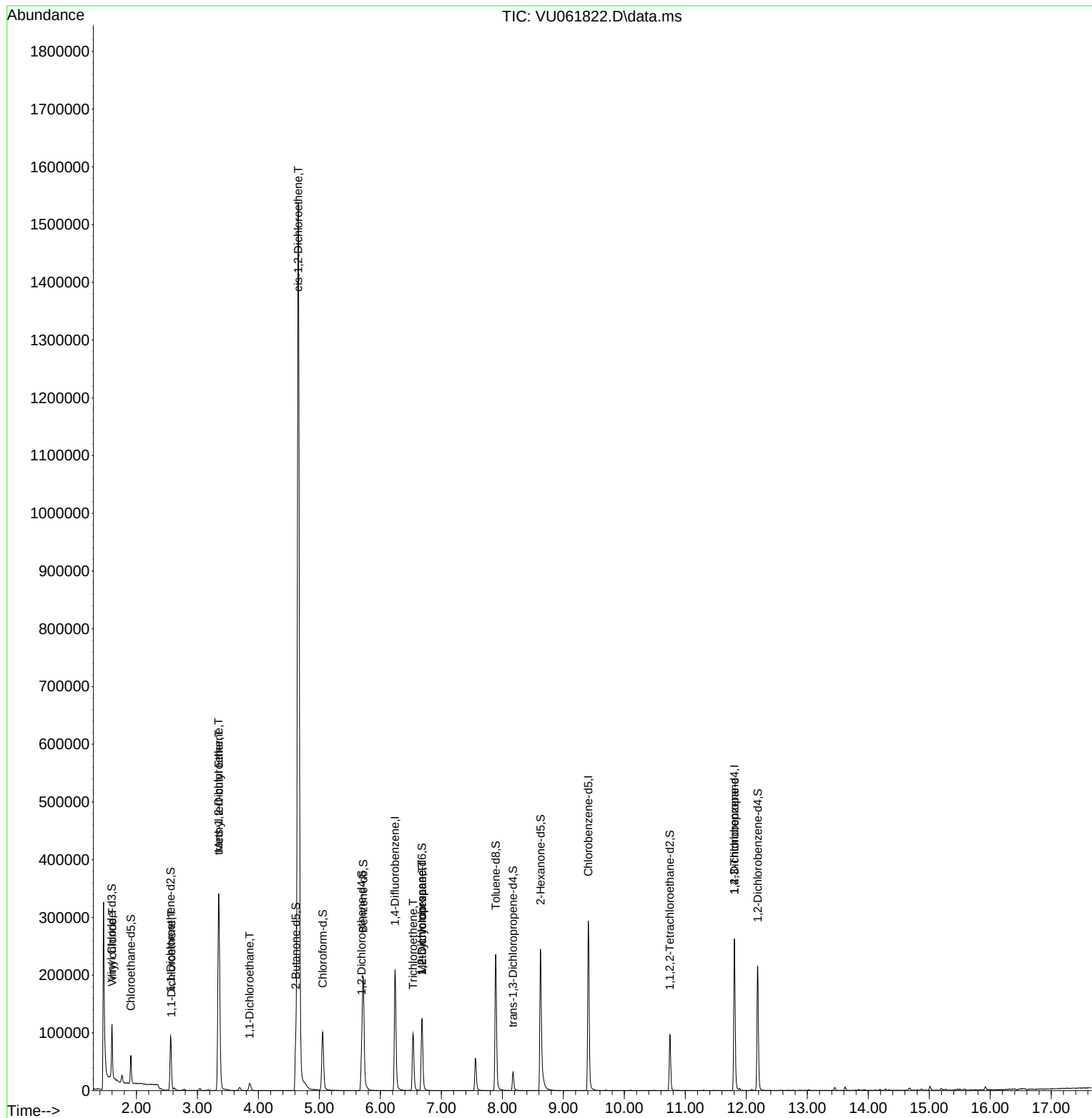
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	180212	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	171763	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	73883	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	36949	3.173	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	63.400%	
7) Chloroethane-d5	1.908	69	35424	3.564	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	71.200%	
11) 1,1-Dichloroethene-d2	2.560	65	16772	3.210	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	64.200%	
20) 2-Butanone-d5	4.612	46	111802	45.238	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	90.480%	
24) Chloroform-d	5.052	84	95851	4.141	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	82.800%	
26) 1,2-Dichloroethane-d4	5.692	65	49917	4.494	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.800%	
32) Benzene-d6	5.718	84	195451	4.113	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	82.200%	
36) 1,2-Dichloropropane-d6	6.679	67	61174	4.365	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	87.200%	
41) Toluene-d8	7.891	98	171261	3.867	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	77.400%	
43) trans-1,3-Dichloroprop...	8.174	79	19737	3.823	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	76.400%	
46) 2-Hexanone-d5	8.624	63	91196	44.705	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	89.420%	
56) 1,1,2,2-Tetrachloroeth...	10.746	84	49369	4.468	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	89.400%	
66) 1,2-Dichlorobenzene-d4	12.187	152	59991	4.559	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	91.200%	
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	28175	2.101	ug/L #	11
12) 1,1-Dichloroethene	2.573	96	2541	0.234	ug/L #	1
17) Methyl tert-butyl Ether	3.351	73	212470	7.969	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	74242	6.222	ug/L	98
19) 1,1-Dichloroethane	3.856	63	12678	0.583	ug/L	99
22) cis-1,2-Dichloroethene	4.653	96	837742	62.252	ug/L	99
34) Trichloroethene	6.534	95	34761	2.476	ug/L	98
35) Methylcyclohexane	6.682	83	13685	0.646	ug/L #	20
37) 1,2-Dichloropropane	6.679	63	6682	0.507	ug/L #	89
61) 1,2,3-Trichloropropane	11.804	75	8909	1.280	ug/L #	67

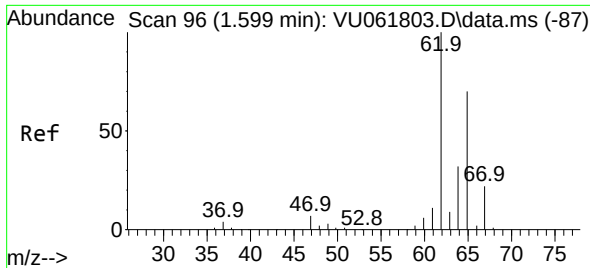
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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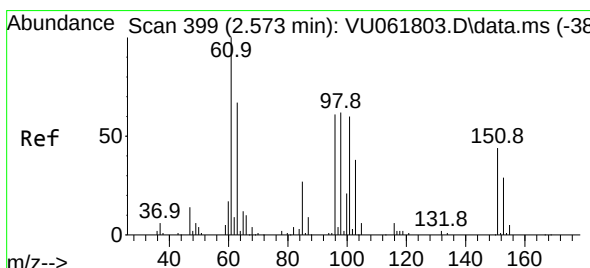
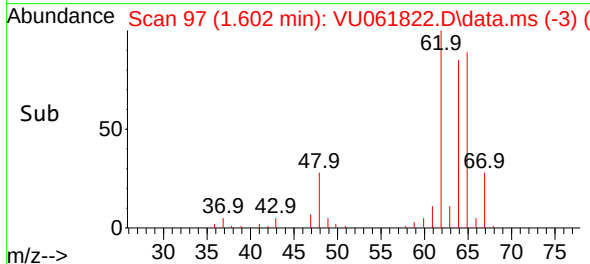
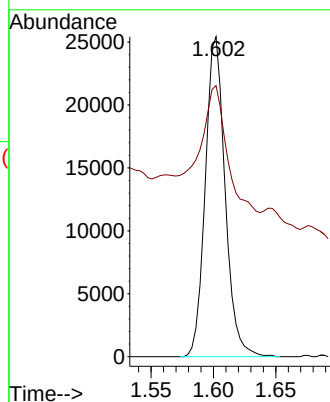
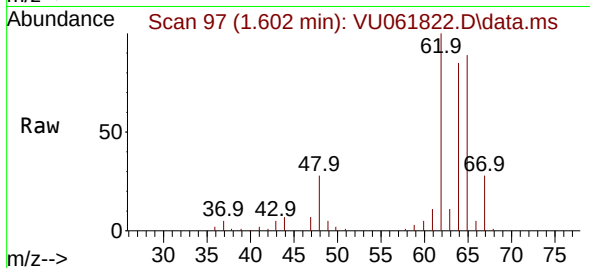




#5
Vinyl chloride
Concen: 2.101 ug/L
RT: 1.602 min Scan# 91
Delta R.T. 0.003 min
Lab File: VU061822.D
Acq: 18 Nov 2024 18:57

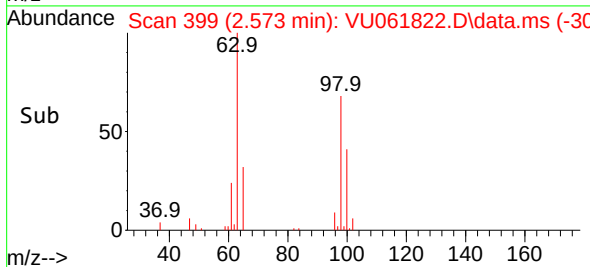
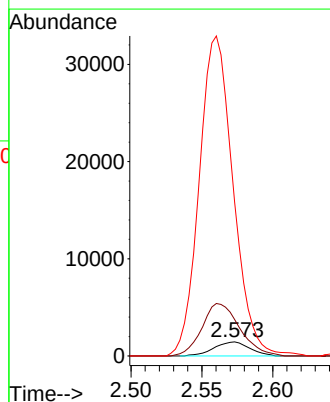
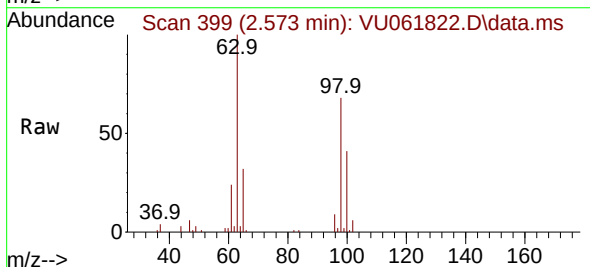
Instrument :
MSVOA_U
ClientSampleId :

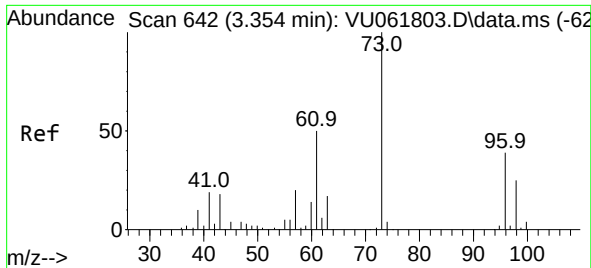
Tgt Ion: 62 Resp: 28175
Ion Ratio Lower Upper
62 100
64 84.7 23.7 44.1#



#12
1,1-Dichloroethene
Concen: 0.234 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU061822.D
Acq: 18 Nov 2024 18:57

Tgt Ion: 96 Resp: 2541
Ion Ratio Lower Upper
96 100
61 259.8 116.8 217.0#
63 1094.6 86.1 159.9#

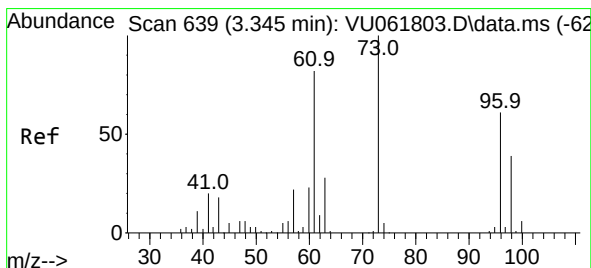
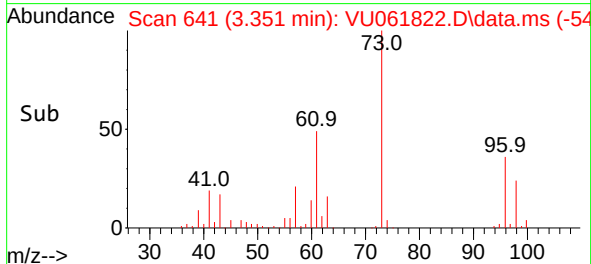
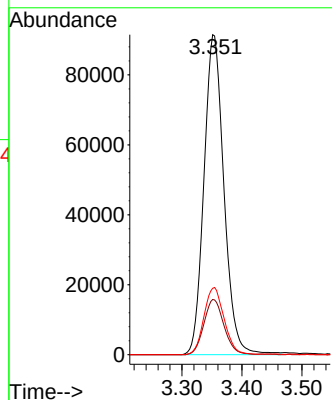
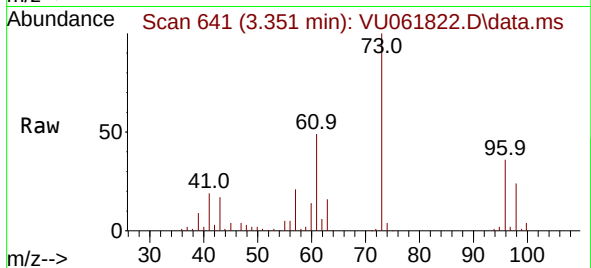




#17
Methyl tert-butyl Ether
Concen: 7.969 ug/L
RT: 3.351 min Scan# 641
Delta R.T. -0.003 min
Lab File: VU061822.D
Acq: 18 Nov 2024 18:57

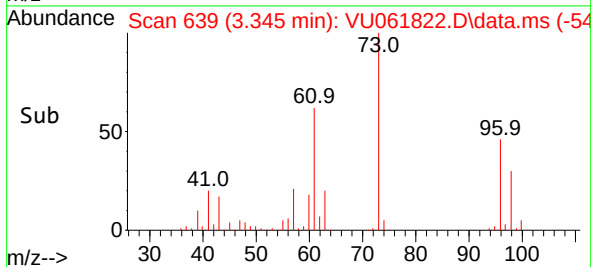
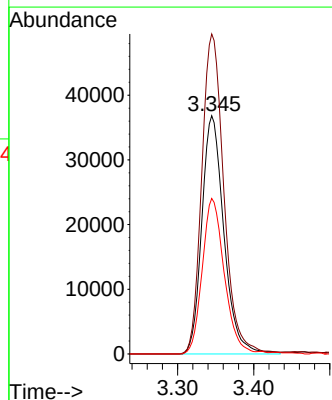
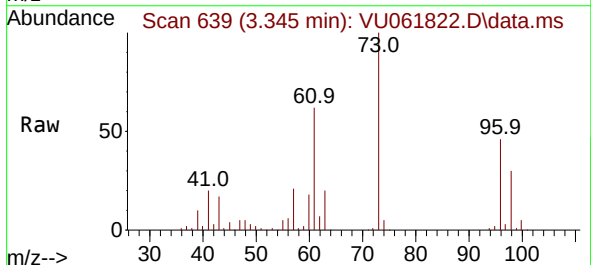
Instrument :
MSVOA_U
ClientSampleId :

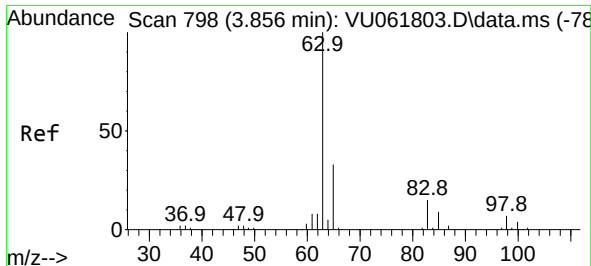
Tgt Ion: 73 Resp: 212470
Ion Ratio Lower Upper
73 100
43 17.3 14.2 21.4
57 21.2 16.9 25.3



#18
trans-1,2-Dichloroethene
Concen: 6.222 ug/L
RT: 3.345 min Scan# 639
Delta R.T. 0.000 min
Lab File: VU061822.D
Acq: 18 Nov 2024 18:57

Tgt Ion: 96 Resp: 74242
Ion Ratio Lower Upper
96 100
61 134.3 94.1 174.8
98 65.3 43.2 80.2





#19

1,1-Dichloroethane

Concen: 0.583 ug/L

RT: 3.856 min Scan# 798

Delta R.T. 0.000 min

Lab File: VU061822.D

Acq: 18 Nov 2024 18:57

Instrument :

MSVOA_U

ClientSampleId :

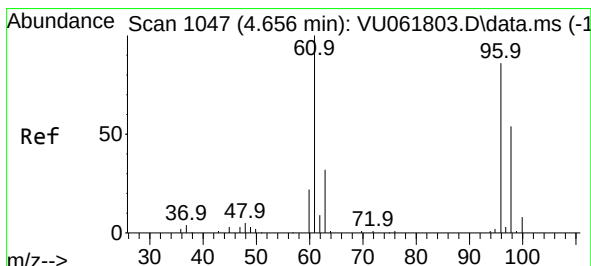
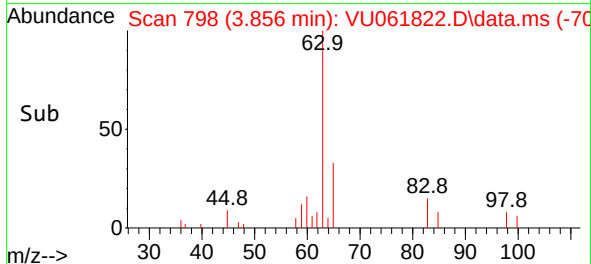
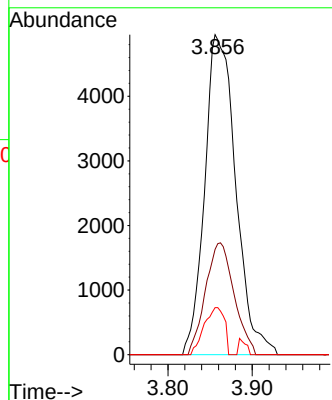
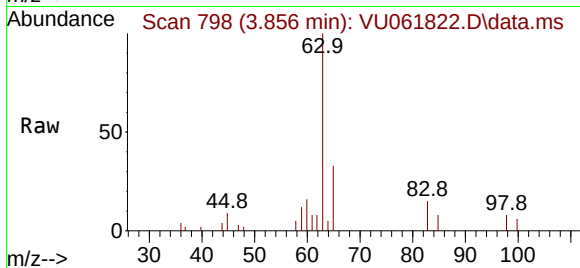
Tgt Ion: 63 Resp: 12678

Ion Ratio Lower Upper

63 100

65 32.9 23.4 43.4

83 14.7 9.6 17.8



#22

cis-1,2-Dichloroethene

Concen: 62.252 ug/L

RT: 4.653 min Scan# 1046

Delta R.T. -0.003 min

Lab File: VU061822.D

Acq: 18 Nov 2024 18:57

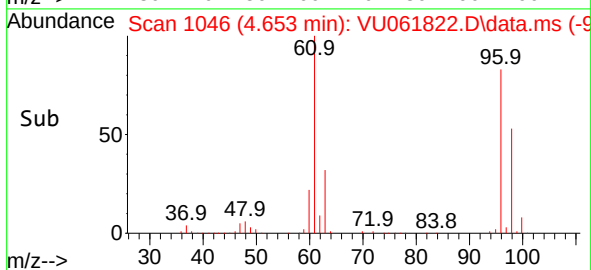
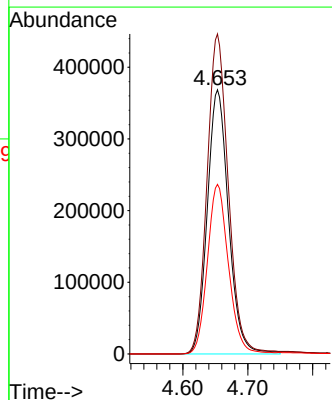
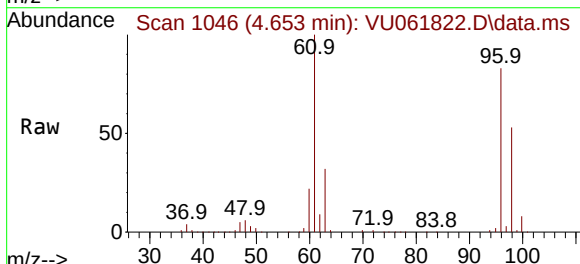
Tgt Ion: 96 Resp: 837742

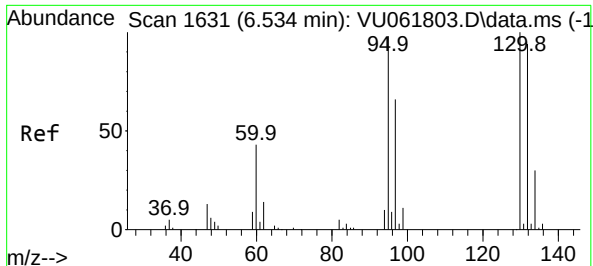
Ion Ratio Lower Upper

96 100

61 121.1 85.6 159.0

98 64.2 45.6 84.8

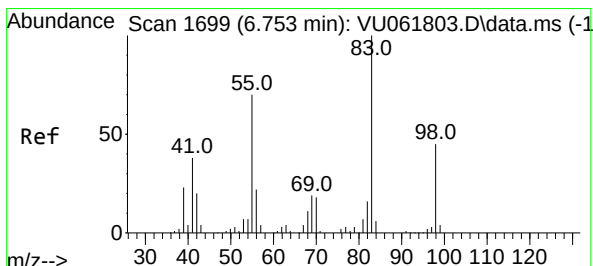
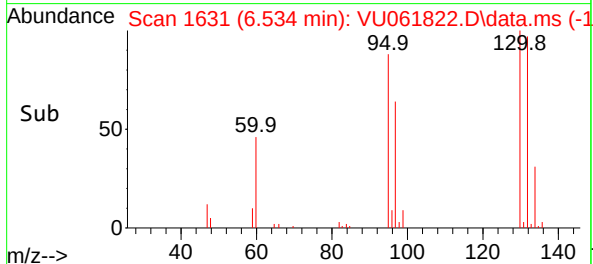
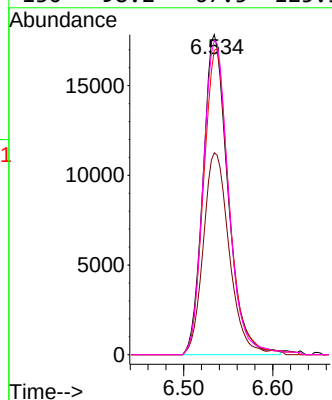
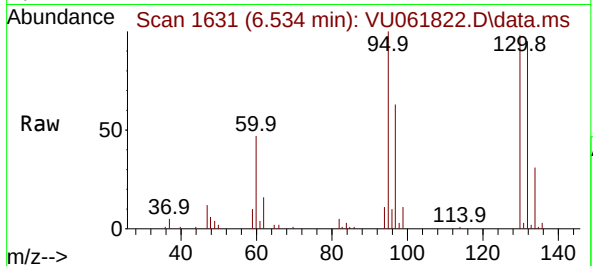




#34
Trichloroethene
Concen: 2.476 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VU061822.D
Acq: 18 Nov 2024 18:57

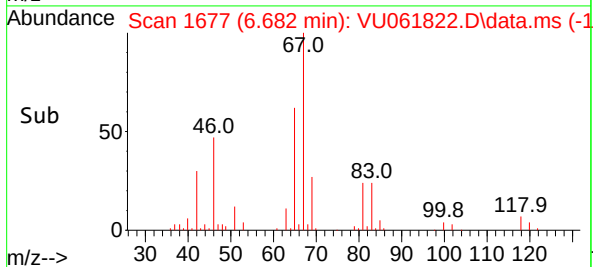
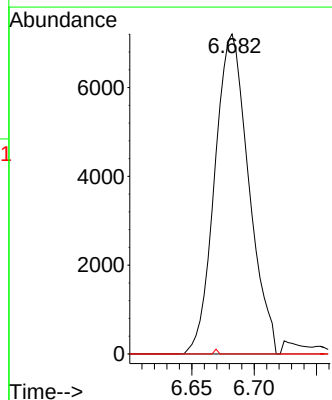
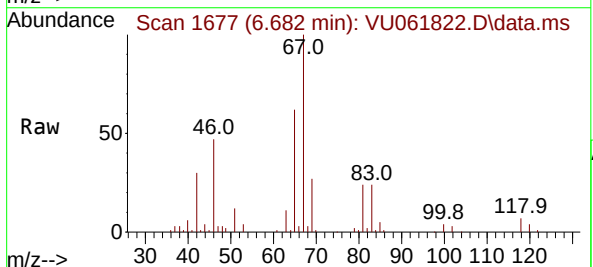
Instrument :
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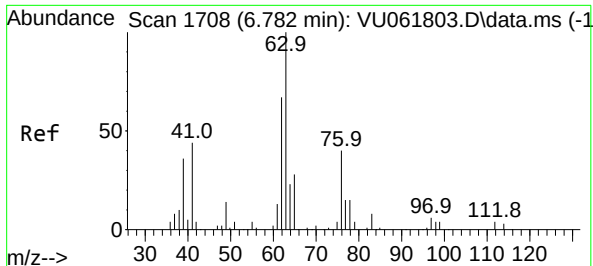
Tgt Ion: 95 Resp: 34761
Ion Ratio Lower Upper
95 100
97 63.1 43.5 80.9
132 95.2 65.2 121.0
130 98.2 67.5 125.3



#35
Methylcyclohexane
Concen: 0.646 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.071 min
Lab File: VU061822.D
Acq: 18 Nov 2024 18:57

Tgt Ion: 83 Resp: 13685
Ion Ratio Lower Upper
83 100
55 0.0 56.4 84.6#
98 0.0 37.7 56.5#

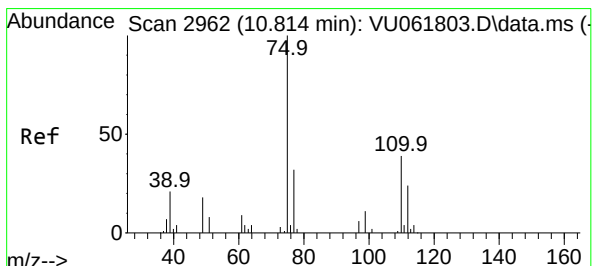
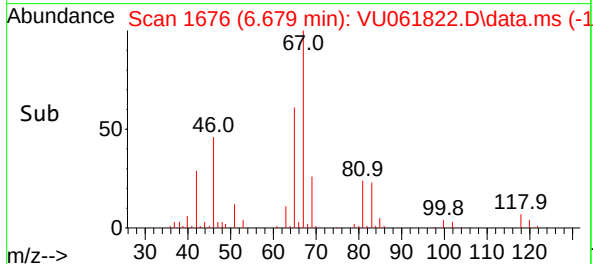
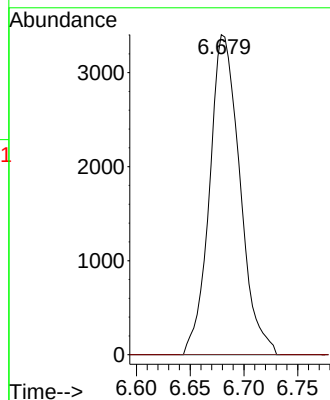
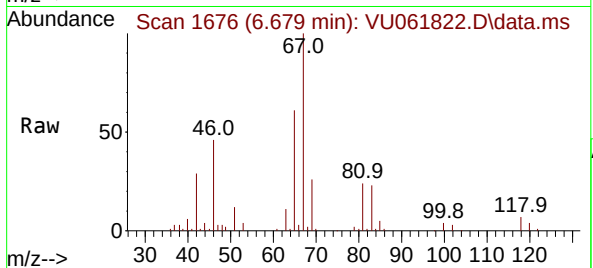




#37
1,2-Dichloropropane
Concen: 0.507 ug/L
RT: 6.679 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU061822.D
Acq: 18 Nov 2024 18:57

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 6682
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



#61
1,2,3-Trichloropropane
Concen: 1.280 ug/L
RT: 11.804 min Scan# 3270
Delta R.T. 0.991 min
Lab File: VU061822.D
Acq: 18 Nov 2024 18:57

Tgt Ion: 75 Resp: 8909
Ion Ratio Lower Upper
75 100
110 2.0 31.3 46.9#
77 32.8 26.0 39.0

