

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011625\
 Data File : VU062818.D
 Acq On : 16 Jan 2025 14:34
 Operator : MD/SY
 Sample : Q1057-04
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 16 22:06:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 16 22:02:47 2025
 Response via : Initial Calibration

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

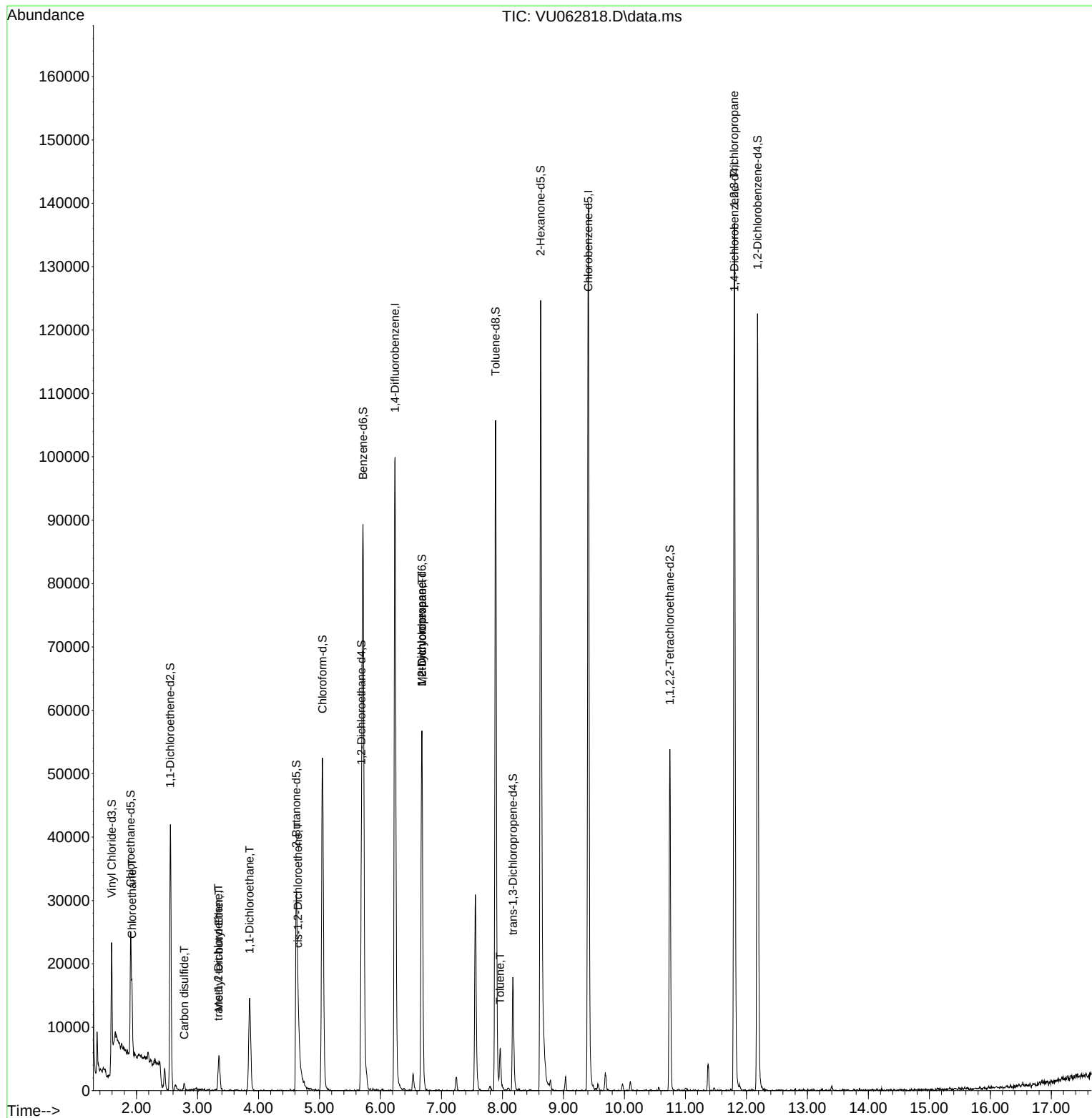
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	85171	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	77743	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	39320	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	12668	2.686	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	53.800%
7) Chloroethane-d5	1.904	69	12967	3.417	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	68.400%
11) 1,1-Dichloroethene-d2	2.554	65	7797	3.191	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.800%
20) 2-Butanone-d5	4.621	46	53423	55.413	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.820%
24) Chloroform-d	5.049	84	52425	4.517	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
26) 1,2-Dichloroethane-d4	5.689	65	31193	4.955	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
32) Benzene-d6	5.714	84	82812	4.358	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
36) 1,2-Dichloropropane-d6	6.679	67	24827	4.712	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.200%
41) Toluene-d8	7.888	98	73938	3.993	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.800%
43) trans-1,3-Dichloroprop...	8.174	79	12232	4.657	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.200%
46) 2-Hexanone-d5	8.627	63	46615	56.431	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.860%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	24193	5.483	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.600%
66) 1,2-Dichlorobenzene-d4	12.183	152	33867	5.177	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.600%
Target Compounds						
					Qvalue	
8) Chloroethane	1.927	64	6092	1.654	ug/L #	83
14) Carbon disulfide	2.782	76	1737	0.103	ug/L #	76
17) Methyl tert-butyl Ether	3.351	73	5101	0.351	ug/L	97
18) trans-1,2-Dichloroethene	3.341	96	955	0.169	ug/L #	74
19) 1,1-Dichloroethane	3.856	63	16591	1.638	ug/L	94
22) cis-1,2-Dichloroethene	4.650	96	1252	0.203	ug/L	95
35) Methylcyclohexane	6.679	83	7052	0.751	ug/L #	20
37) 1,2-Dichloropropane	6.679	63	3314	0.629	ug/L #	85
42) Toluene	7.962	91	5398	0.221	ug/L	94
61) 1,2,3-Trichloropropane	11.801	75	4223	1.211	ug/L #	62

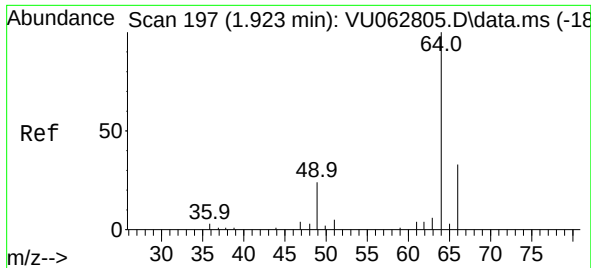
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration

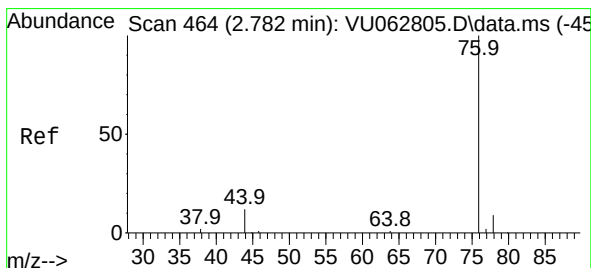
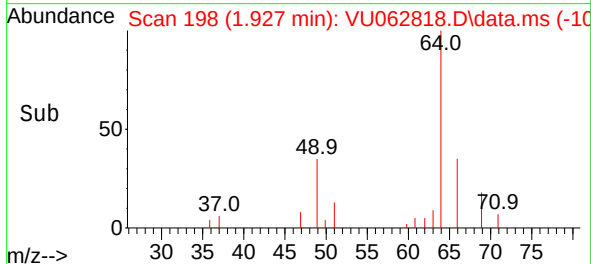
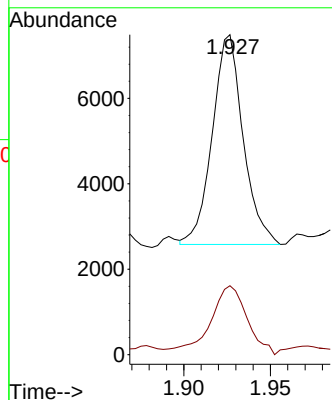
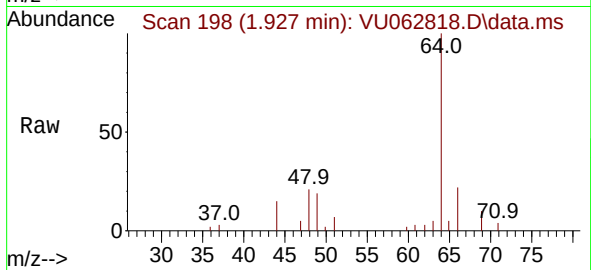




#8
Chloroethane
Concen: 1.654 ug/L
RT: 1.927 min Scan# 197
Delta R.T. 0.003 min
Lab File: VU062818.D
Acq: 16 Jan 2025 14:34

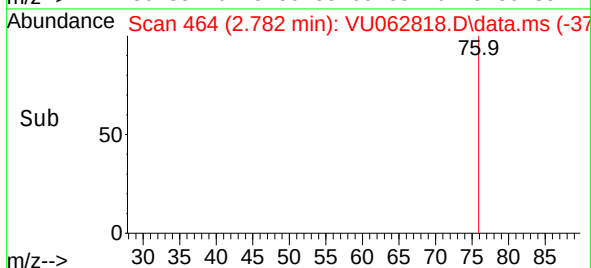
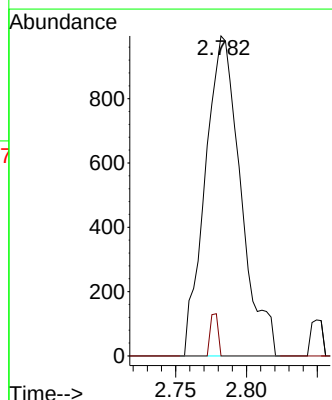
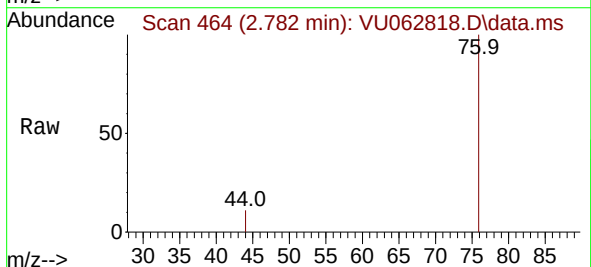
Instrument :
MSVOA_U
ClientSampleId :

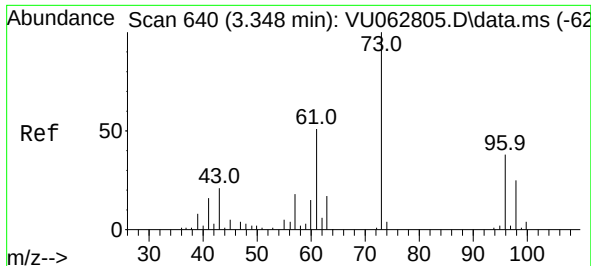
Tgt Ion: 64 Resp: 6092
Ion Ratio Lower Upper
64 100
66 21.5 21.6 40.2#



#14
Carbon disulfide
Concen: 0.103 ug/L
RT: 2.782 min Scan# 464
Delta R.T. 0.000 min
Lab File: VU062818.D
Acq: 16 Jan 2025 14:34

Tgt Ion: 76 Resp: 1737
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#





#17

Methyl tert-butyl Ether

Concen: 0.351 ug/L

RT: 3.351 min Scan# 641

Delta R.T. 0.003 min

Lab File: VU062818.D

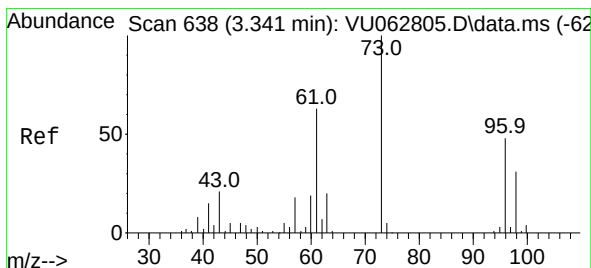
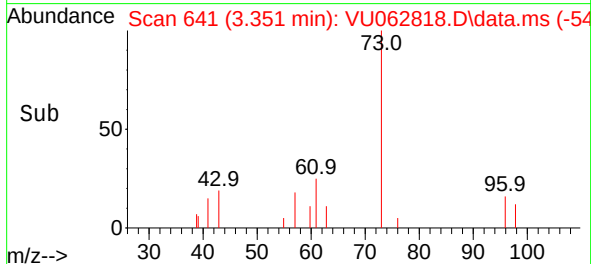
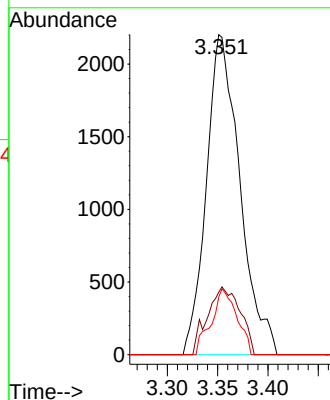
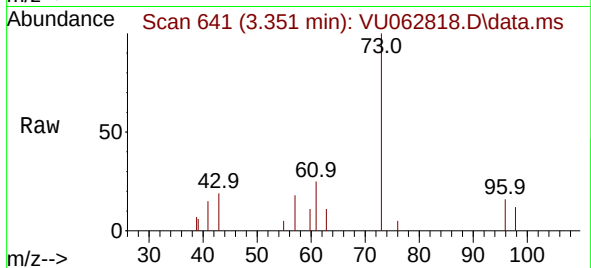
Acq: 16 Jan 2025 14:34

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 73	Resp: 5101
Ion Ratio	Lower Upper
73	100
43	20.7 16.2 24.4
57	15.7 14.6 22.0



#18

trans-1,2-Dichloroethene

Concen: 0.169 ug/L

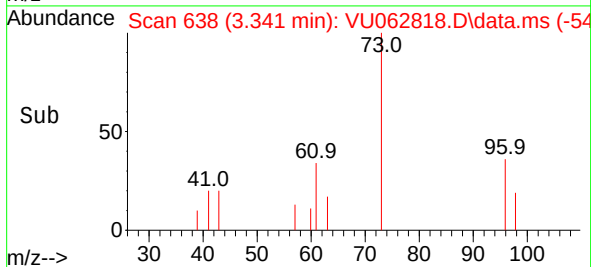
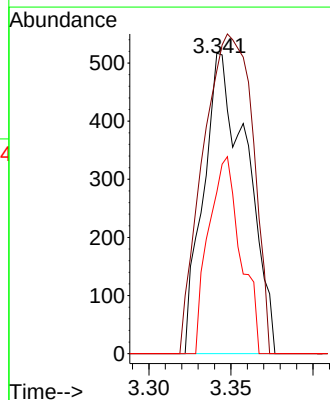
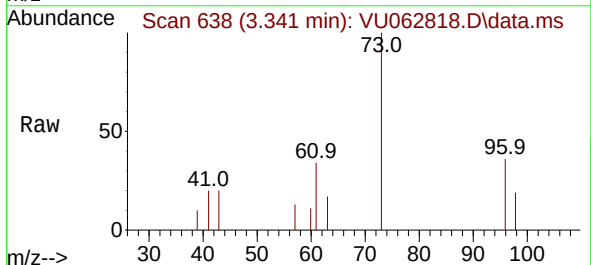
RT: 3.341 min Scan# 638

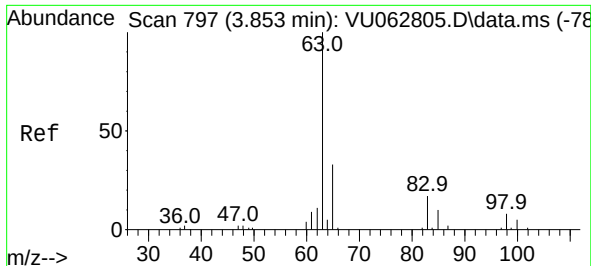
Delta R.T. 0.000 min

Lab File: VU062818.D

Acq: 16 Jan 2025 14:34

Tgt Ion: 96	Resp: 955
Ion Ratio	Lower Upper
96	100
61	94.2 94.4 175.2#
98	53.8 42.8 79.4





#19

1,1-Dichloroethane

Concen: 1.638 ug/L

RT: 3.856 min Scan# 70

Delta R.T. 0.003 min

Lab File: VU062818.D

Acq: 16 Jan 2025 14:34

Instrument :

MSVOA_U

ClientSampleId :

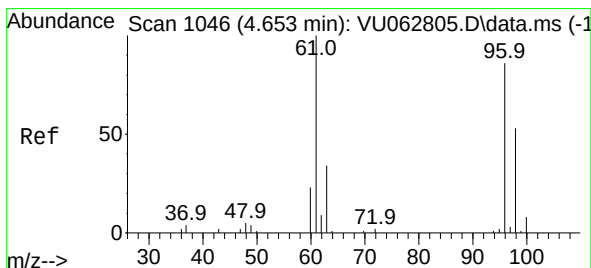
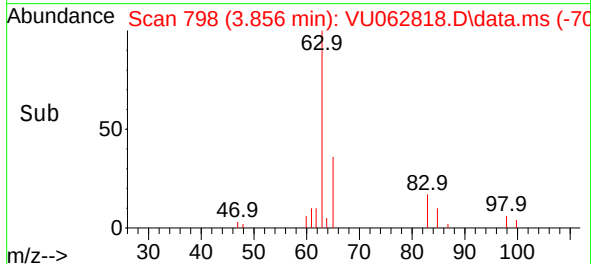
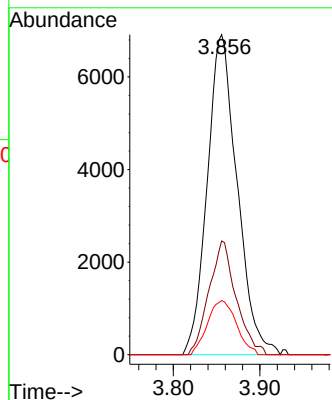
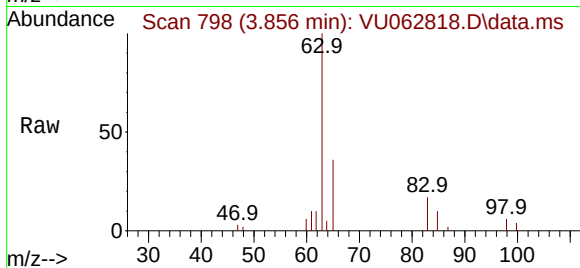
Tgt Ion: 63 Resp: 16591

Ion Ratio Lower Upper

63 100

65 33.8 20.7 38.5

83 16.1 10.5 19.5



#22

cis-1,2-Dichloroethene

Concen: 0.203 ug/L

RT: 4.650 min Scan# 1045

Delta R.T. -0.003 min

Lab File: VU062818.D

Acq: 16 Jan 2025 14:34

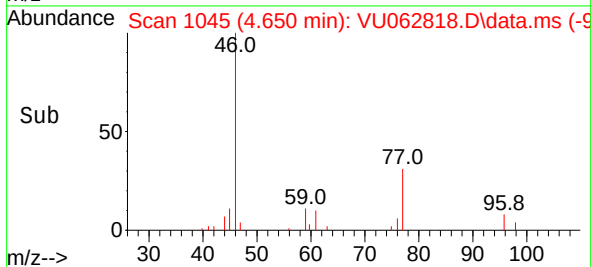
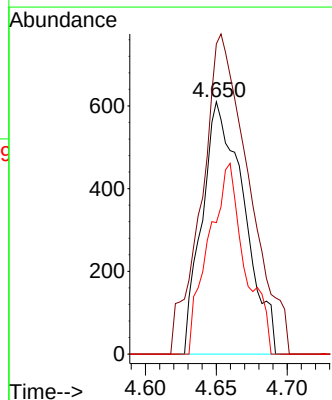
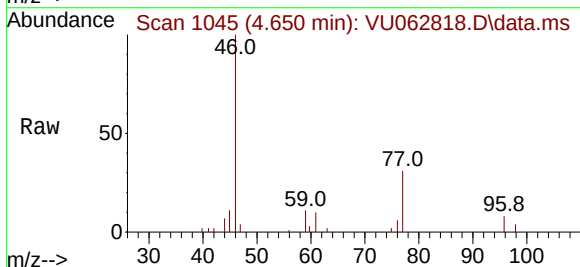
Tgt Ion: 96 Resp: 1252

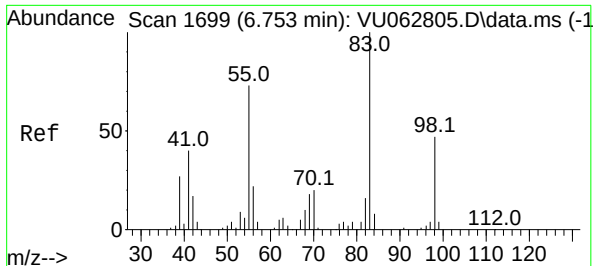
Ion Ratio Lower Upper

96 100

61 123.0 84.8 157.6

98 52.1 43.1 80.1





#35

Methylcyclohexane

Concen: 0.751 ug/L

RT: 6.679 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU062818.D

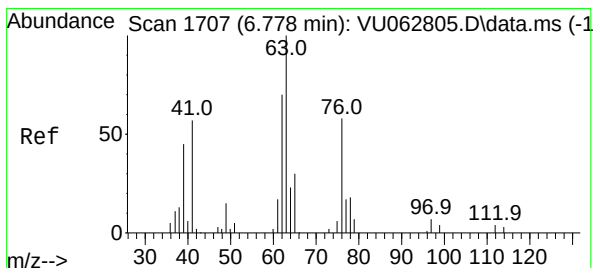
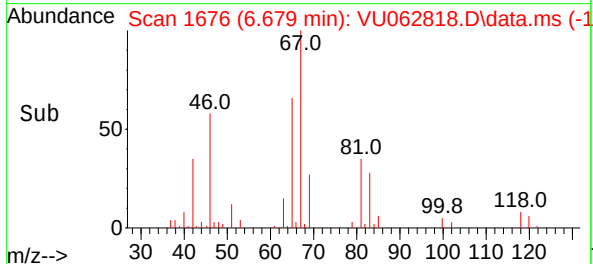
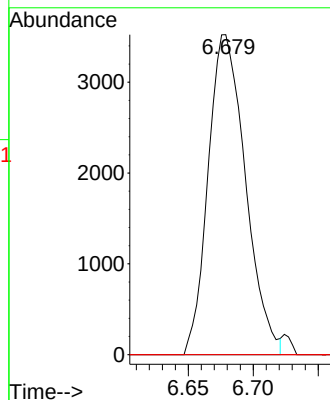
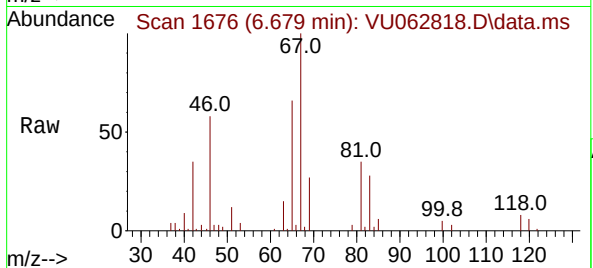
Acq: 16 Jan 2025 14:34

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 7052
Ion Ratio	Lower Upper
83	100
55	0.0 57.2 85.8#
98	0.0 36.6 55.0#



#37

1,2-Dichloropropane

Concen: 0.629 ug/L

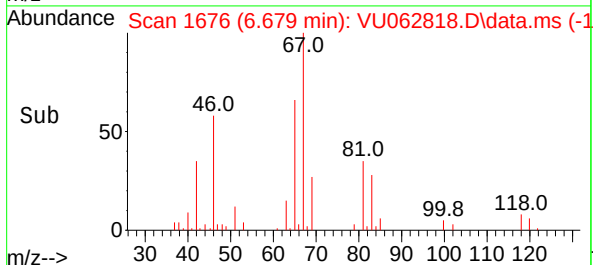
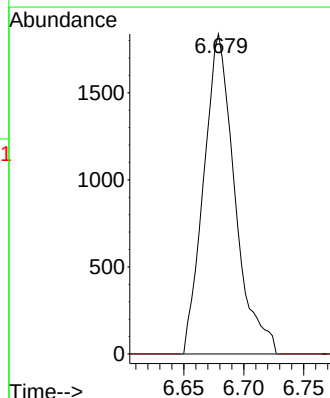
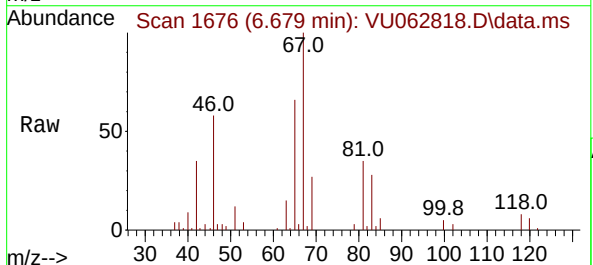
RT: 6.679 min Scan# 1676

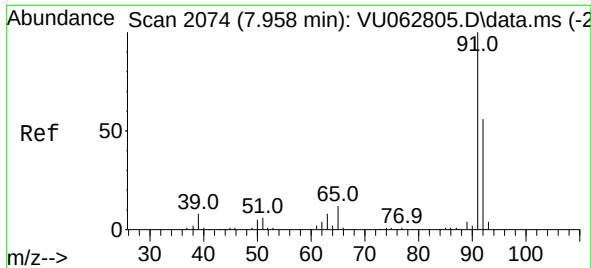
Delta R.T. -0.100 min

Lab File: VU062818.D

Acq: 16 Jan 2025 14:34

Tgt Ion: 63	Resp: 3314
Ion Ratio	Lower Upper
63	100
112	0.0 3.8 5.8#





#42

Toluene

Concen: 0.221 ug/L

RT: 7.962 min Scan# 2074

Delta R.T. 0.003 min

Lab File: VU062818.D

Acq: 16 Jan 2025 14:34

Instrument :

MSVOA_U

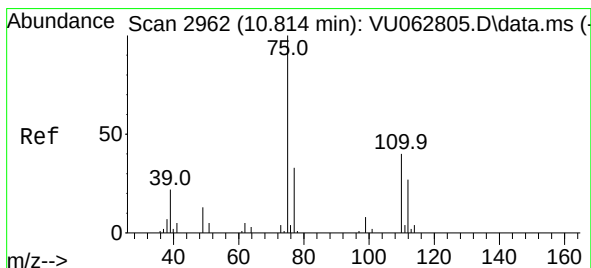
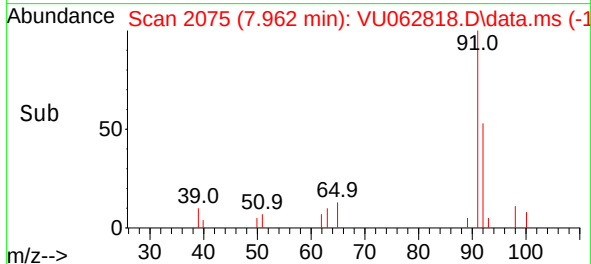
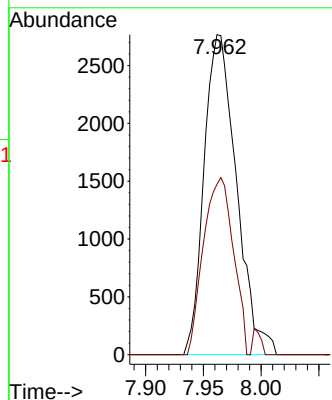
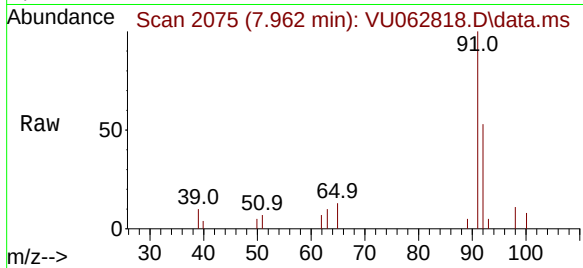
ClientSampleId :

Tgt Ion: 91 Resp: 5398

Ion Ratio Lower Upper

91 100

92 53.3 40.4 75.0



#61

1,2,3-Trichloropropane

Concen: 1.211 ug/L

RT: 11.801 min Scan# 3269

Delta R.T. 0.987 min

Lab File: VU062818.D

Acq: 16 Jan 2025 14:34

Tgt Ion: 75 Resp: 4223

Ion Ratio Lower Upper

75 100

110 0.0 33.2 49.8#

77 34.1 25.9 38.9

