

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011525\
 Data File : VU062759.D
 Acq On : 15 Jan 2025 12:04
 Operator : MD/SY
 Sample : Q1059-08 20X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 16 00:45:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 16 00:44:09 2025
 Response via : Initial Calibration

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

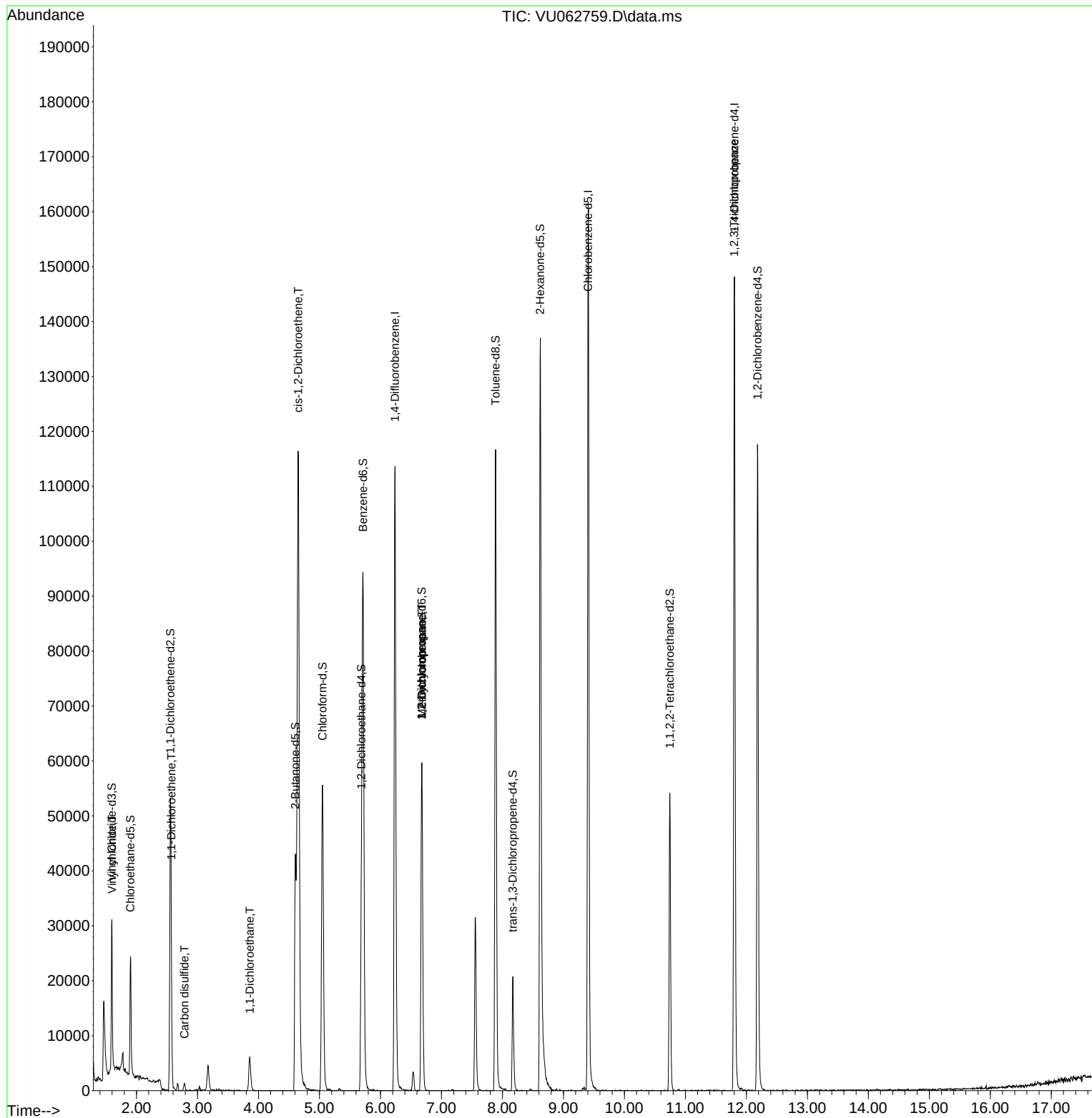
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	94994	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.405	117	89765	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	41678	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	16321	3.102	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.000%
7) Chloroethane-d5	1.901	69	15860	3.747	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.000%
11) 1,1-Dichloroethene-d2	2.557	65	8825	3.238	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.800%
20) 2-Butanone-d5	4.605	46	58137	54.067	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.140%
24) Chloroform-d	5.049	84	54863	4.238	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
26) 1,2-Dichloroethane-d4	5.689	65	32348	4.607	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
32) Benzene-d6	5.714	84	88695	4.042	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.800%
36) 1,2-Dichloropropane-d6	6.676	67	26887	4.419	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.400%
41) Toluene-d8	7.888	98	81306	3.803	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.000%
43) trans-1,3-Dichloroprop...	8.171	79	12760	4.208	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.200%
46) 2-Hexanone-d5	8.618	63	47619	49.926	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.860%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	25156	4.937	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.800%
66) 1,2-Dichlorobenzene-d4	12.183	152	33405	4.818	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.400%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.599	62	2700	0.395	ug/L #	1
12) 1,1-Dichloroethene	2.570	96	4096	0.695	ug/L #	1
14) Carbon disulfide	2.785	76	1802	0.096	ug/L #	76
19) 1,1-Dichloroethane	3.859	63	7406	0.656	ug/L	94
22) cis-1,2-Dichloroethene	4.653	96	63607	9.245	ug/L	98
35) Methylcyclohexane	6.679	83	7067	0.652	ug/L #	21
37) 1,2-Dichloropropane	6.679	63	3722	0.612	ug/L #	85
61) 1,2,3-Trichloropropane	11.801	75	4305	1.165	ug/L #	60

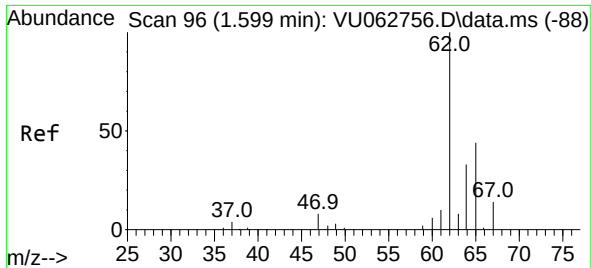
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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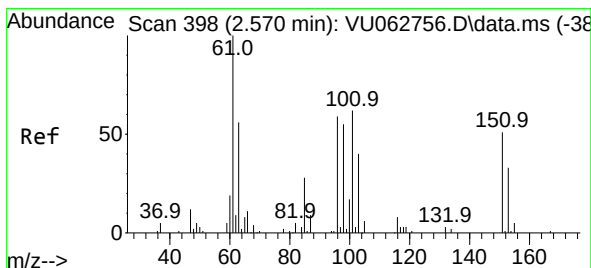
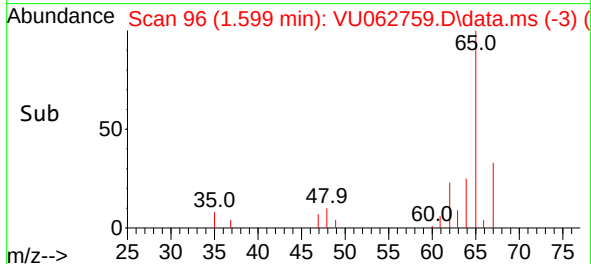
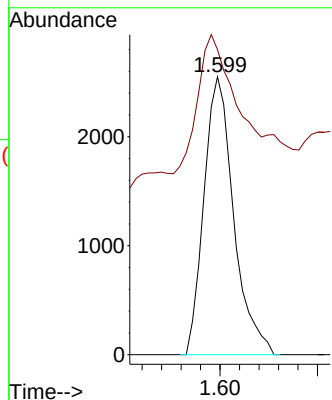
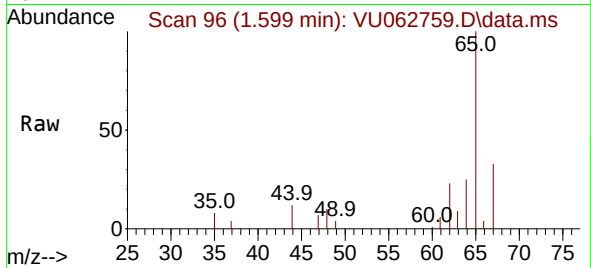




#5
 Vinyl chloride
 Concen: 0.395 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. -0.000 min
 Lab File: VU062759.D
 Acq: 15 Jan 2025 12:04

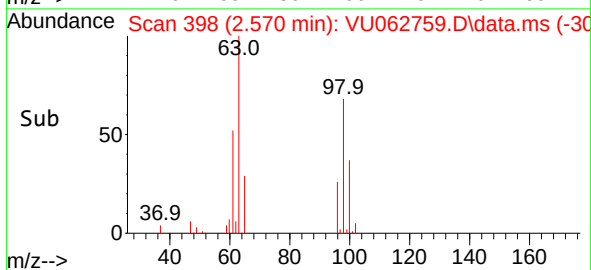
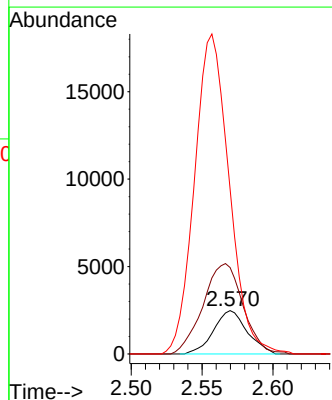
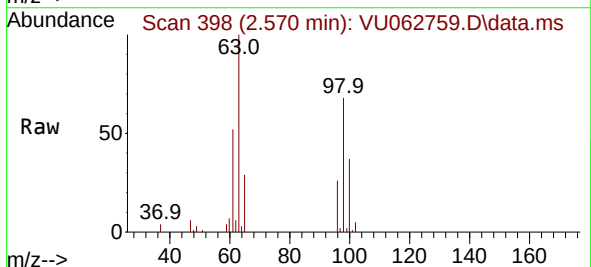
Instrument :
 MSVOA_U
 ClientSampleId :

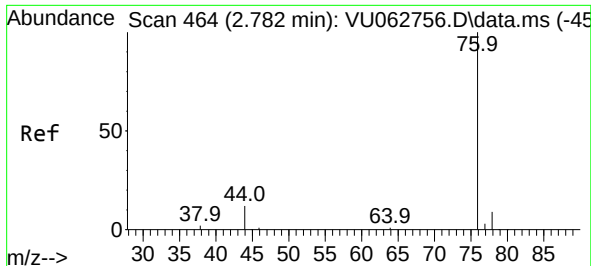
Tgt Ion: 62 Resp: 2700
 Ion Ratio Lower Upper
 62 100
 64 109.7 23.4 43.4#



#12
 1,1-Dichloroethene
 Concen: 0.695 ug/L
 RT: 2.570 min Scan# 398
 Delta R.T. -0.000 min
 Lab File: VU062759.D
 Acq: 15 Jan 2025 12:04

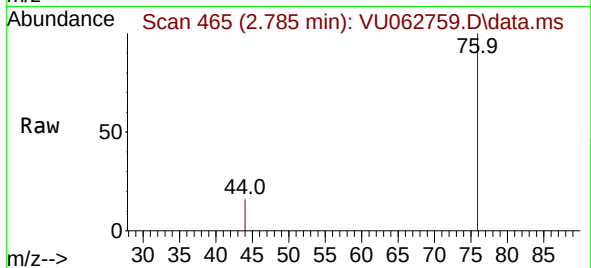
Tgt Ion: 96 Resp: 4096
 Ion Ratio Lower Upper
 96 100
 61 199.5 120.4 223.6
 63 380.1 82.3 152.9#



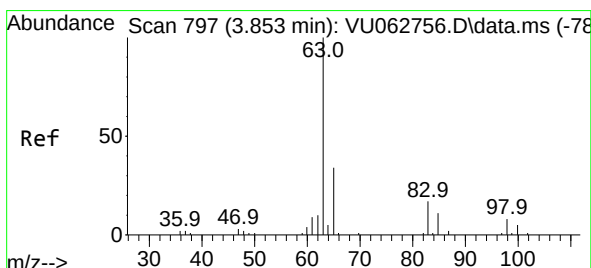
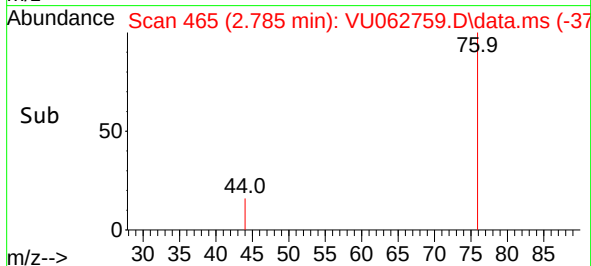
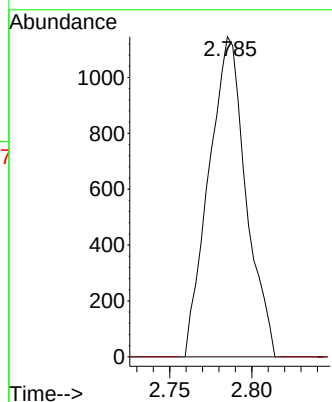


#14
Carbon disulfide
Concen: 0.096 ug/L
RT: 2.785 min Scan# 41
Delta R.T. 0.003 min
Lab File: VU062759.D
Acq: 15 Jan 2025 12:04

Instrument :
MSVOA_U
ClientSampleId :

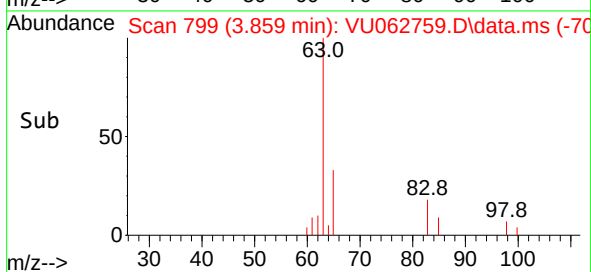
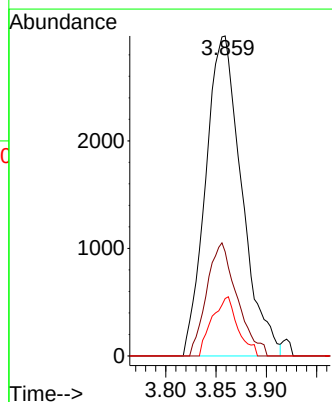
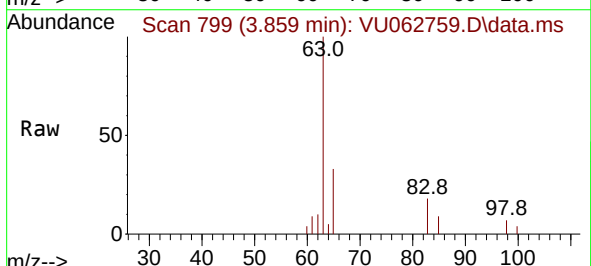


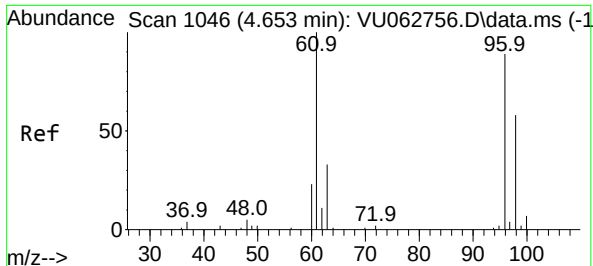
Tgt Ion: 76 Resp: 1802
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



#19
1,1-Dichloroethane
Concen: 0.656 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.006 min
Lab File: VU062759.D
Acq: 15 Jan 2025 12:04

Tgt Ion: 63 Resp: 7406
Ion Ratio Lower Upper
63 100
65 32.6 20.7 38.5
83 18.0 10.5 19.5





#22

cis-1,2-Dichloroethene

Concen: 9.245 ug/L

RT: 4.653 min Scan# 1046

Delta R.T. -0.000 min

Lab File: VU062759.D

Acq: 15 Jan 2025 12:04

Instrument :

MSVOA_U

ClientSampleId :

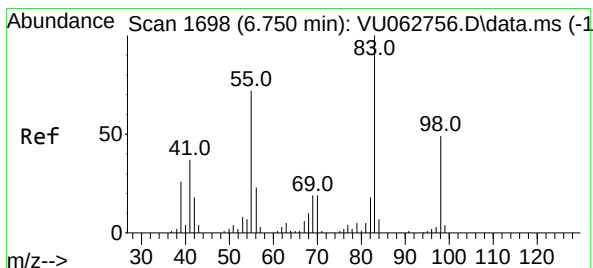
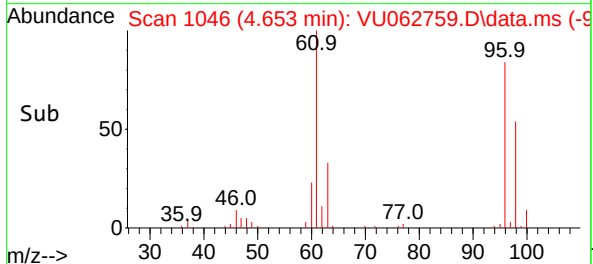
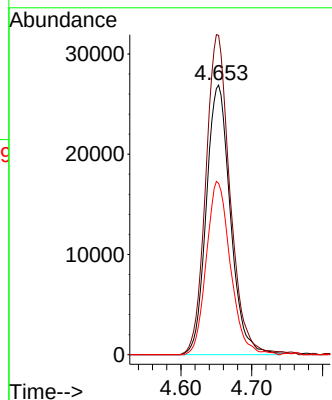
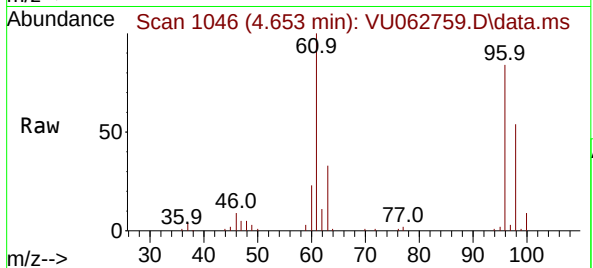
Tgt Ion: 96 Resp: 63607

Ion Ratio Lower Upper

96 100

61 118.4 84.8 157.6

98 63.5 43.1 80.1



#35

Methylcyclohexane

Concen: 0.652 ug/L

RT: 6.679 min Scan# 1676

Delta R.T. -0.071 min

Lab File: VU062759.D

Acq: 15 Jan 2025 12:04

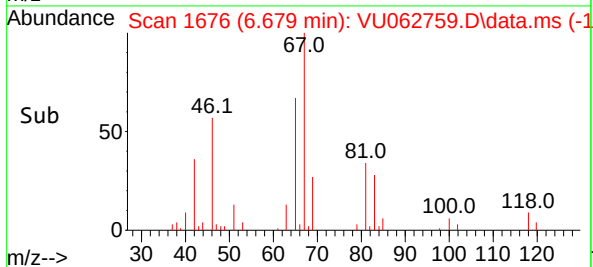
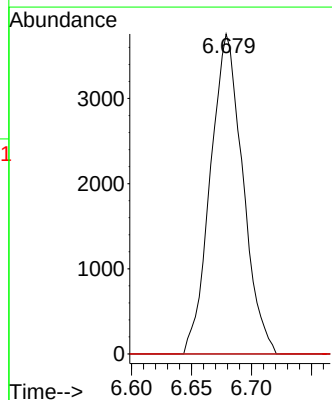
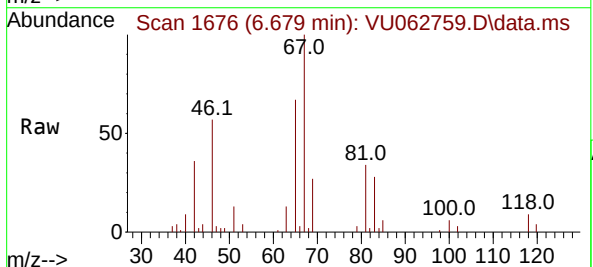
Tgt Ion: 83 Resp: 7067

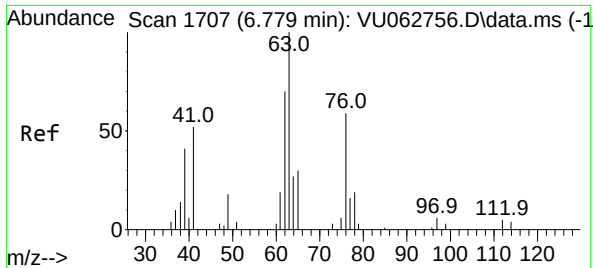
Ion Ratio Lower Upper

83 100

55 0.0 57.2 85.8#

98 0.6 36.6 55.0#

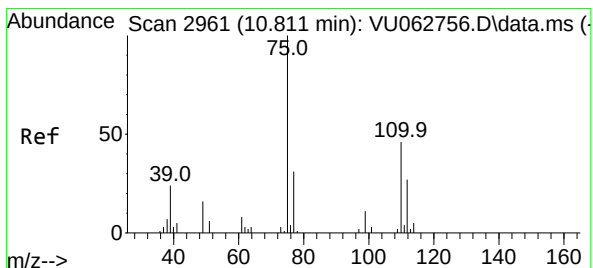
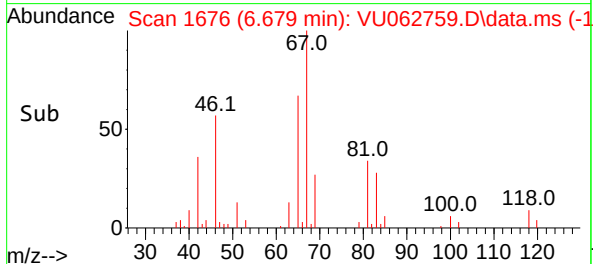
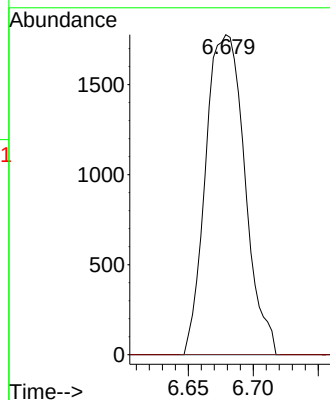
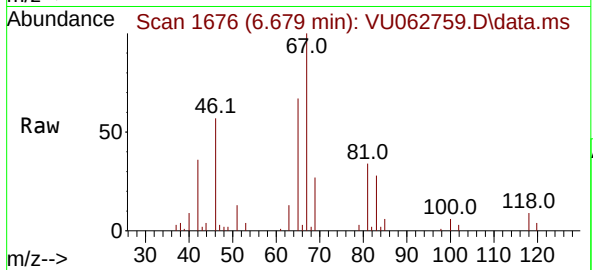




#37
1,2-Dichloropropane
Concen: 0.612 ug/L
RT: 6.679 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU062759.D
Acq: 15 Jan 2025 12:04

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 3722
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#



#61
1,2,3-Trichloropropane
Concen: 1.165 ug/L
RT: 11.801 min Scan# 3269
Delta R.T. 0.990 min
Lab File: VU062759.D
Acq: 15 Jan 2025 12:04

Tgt Ion: 75 Resp: 4305
Ion Ratio Lower Upper
75 100
110 0.0 33.2 49.8#
77 35.7 25.9 38.9

