

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011525\
 Data File : VU062767.D
 Acq On : 15 Jan 2025 15:10
 Operator : MD/SY
 Sample : Q1057-10 10X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 16 00:48:18 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)

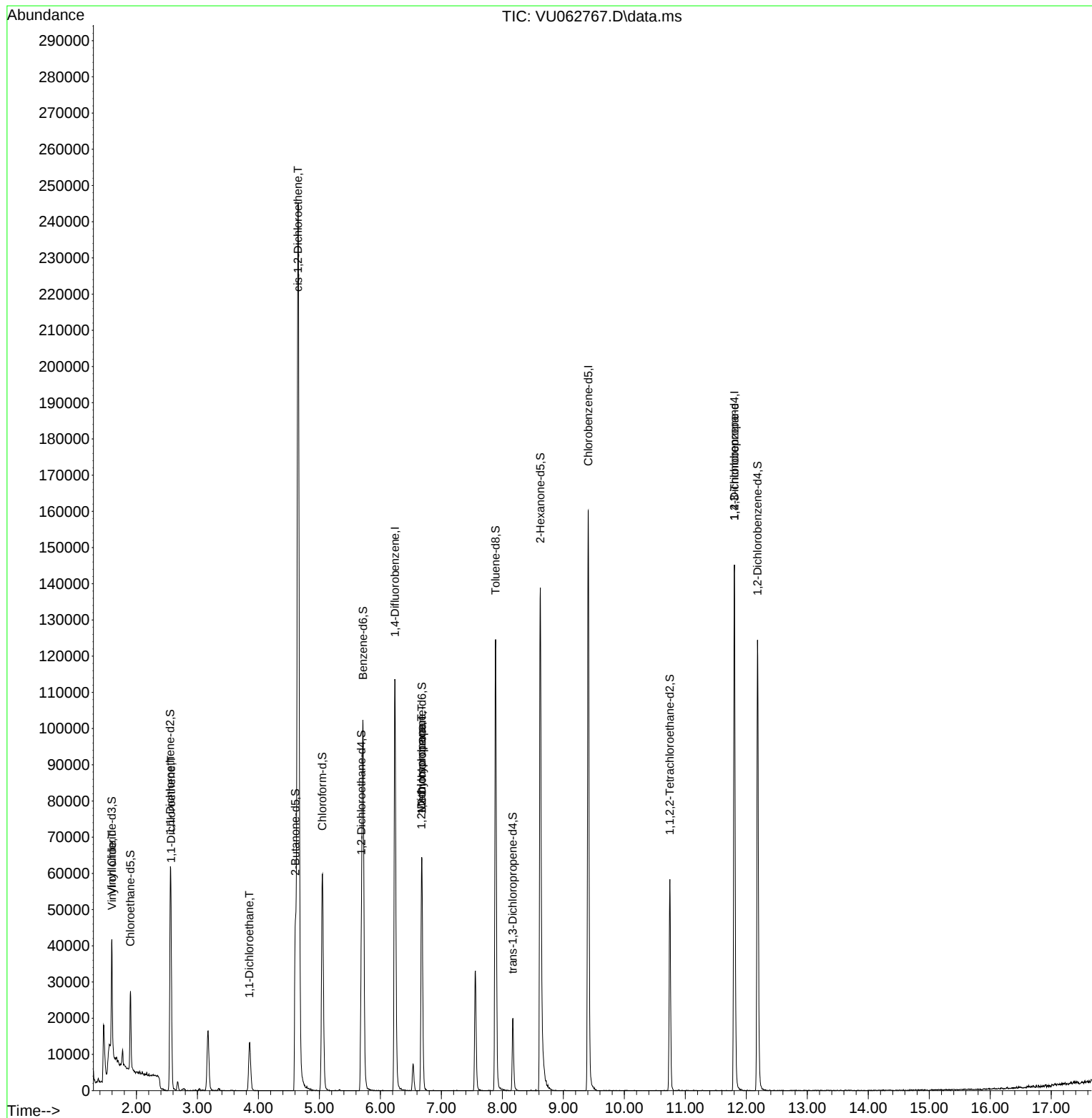
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	95030	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	90071	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	43259	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	16884	3.208	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.200%
7) Chloroethane-d5	1.901	69	15899	3.755	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.200%
11) 1,1-Dichloroethene-d2	2.554	65	9448	3.465	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.400%
20) 2-Butanone-d5	4.605	46	60727	56.454	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.900%
24) Chloroform-d	5.046	84	59133	4.567	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
26) 1,2-Dichloroethane-d4	5.689	65	34616	4.928	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
32) Benzene-d6	5.714	84	96766	4.395	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
36) 1,2-Dichloropropane-d6	6.679	67	27641	4.528	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.600%
41) Toluene-d8	7.888	98	85945	4.007	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.200%
43) trans-1,3-Dichloroprop...	8.171	79	12322	4.049	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.000%
46) 2-Hexanone-d5	8.621	63	49856	52.094	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.180%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	26140	5.113	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.200%
66) 1,2-Dichlorobenzene-d4	12.184	152	35894	4.987	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.800%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.599	62	5742	0.839	ug/L #	1
12) 1,1-Dichloroethene	2.567	96	7894	1.338	ug/L #	36
19) 1,1-Dichloroethane	3.853	63	15946	1.411	ug/L	96
22) cis-1,2-Dichloroethene	4.650	96	134052	19.477	ug/L	99
35) Methylcyclohexane	6.676	83	8081	0.743	ug/L #	21
37) 1,2-Dichloropropane	6.673	63	3788	0.621	ug/L #	85
61) 1,2,3-Trichloropropane	11.804	75	4175	1.088	ug/L #	58

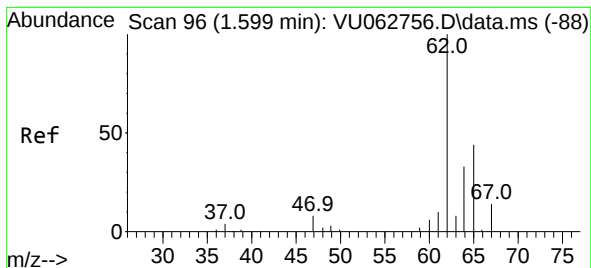
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jan 16 00:44:09 2025
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.839 ug/L

RT: 1.599 min Scan# 90

Delta R.T. 0.000 min

Lab File: VU062767.D

Acq: 15 Jan 2025 15:10

Instrument :

MSVOA_U

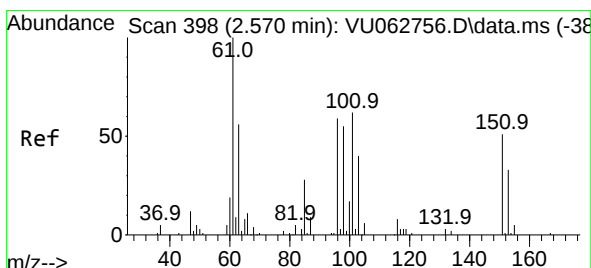
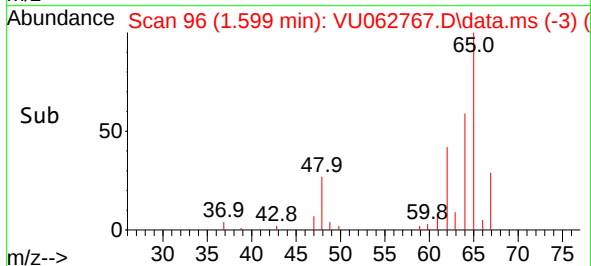
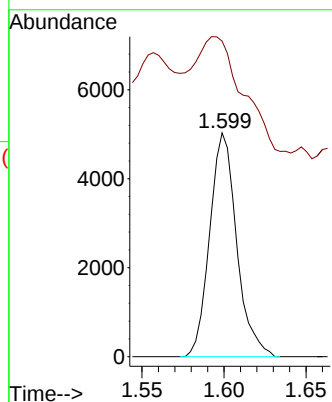
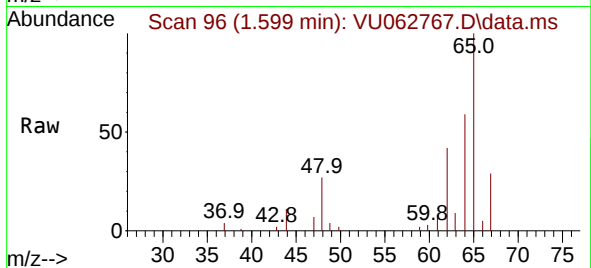
ClientSampleId :

Tgt Ion: 62 Resp: 5742

Ion Ratio Lower Upper

62 100

64 141.0 23.4 43.4#



#12

1,1-Dichloroethene

Concen: 1.338 ug/L

RT: 2.567 min Scan# 397

Delta R.T. -0.003 min

Lab File: VU062767.D

Acq: 15 Jan 2025 15:10

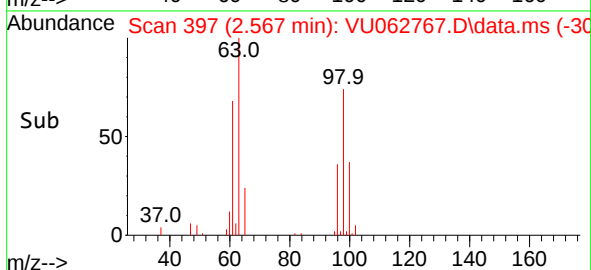
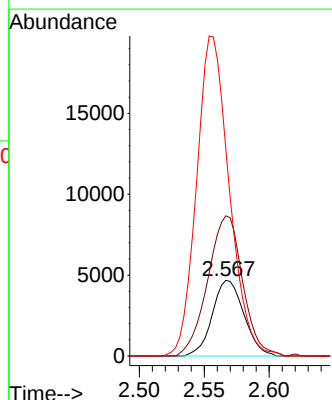
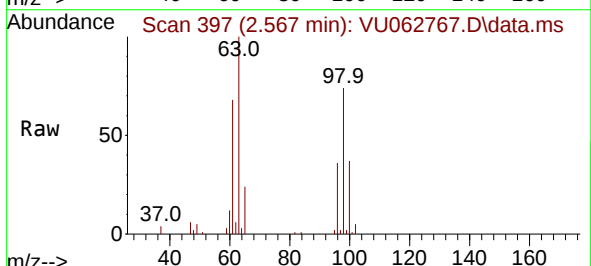
Tgt Ion: 96 Resp: 7894

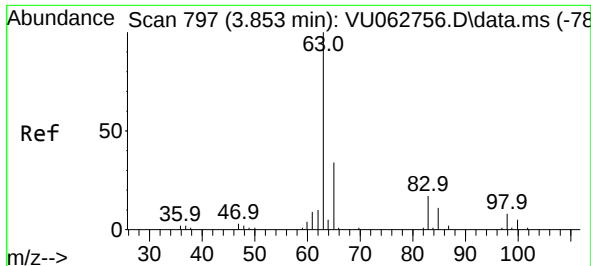
Ion Ratio Lower Upper

96 100

61 185.9 120.4 223.6

63 274.1 82.3 152.9#





#19

1,1-Dichloroethane

Concen: 1.411 ug/L

RT: 3.853 min Scan# 79

Delta R.T. 0.000 min

Lab File: VU062767.D

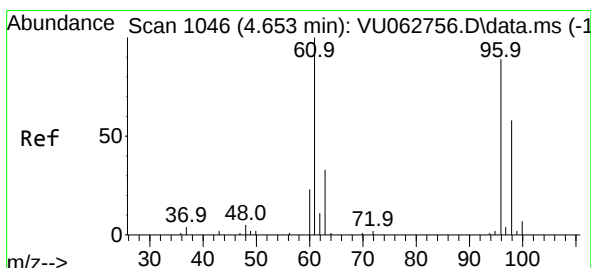
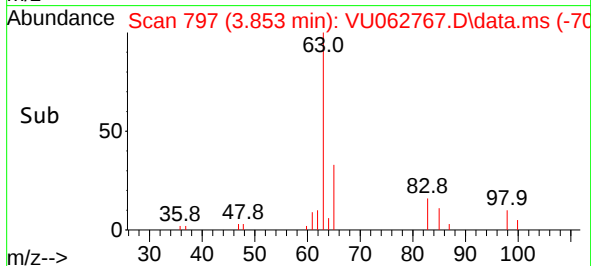
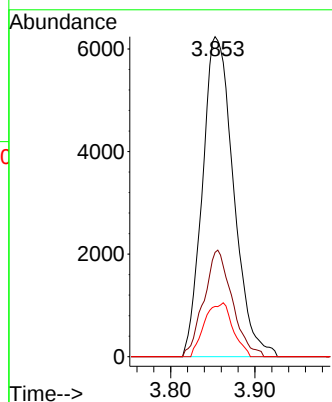
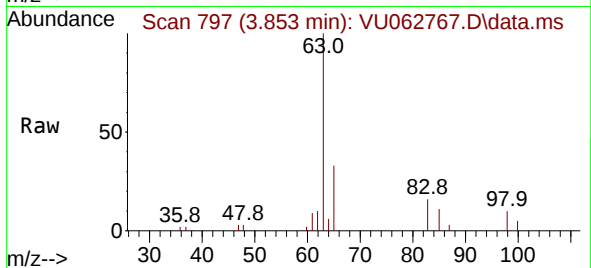
Acq: 15 Jan 2025 15:10

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	63	Resp:	15946
Ion Ratio	Lower	Upper	
63	100		
65	32.6	20.7	38.5
83	15.7	10.5	19.5



#22

cis-1,2-Dichloroethene

Concen: 19.477 ug/L

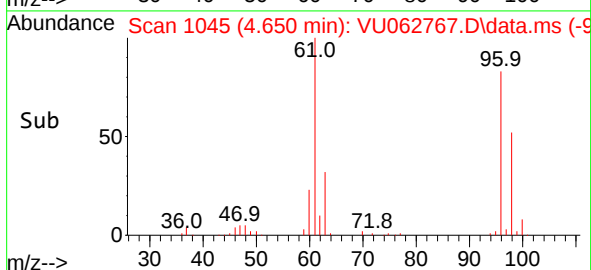
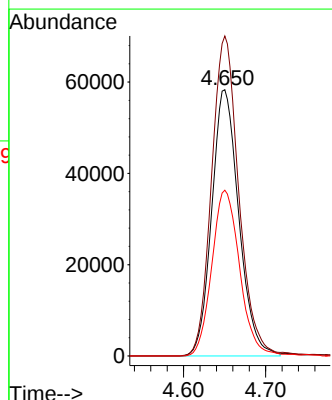
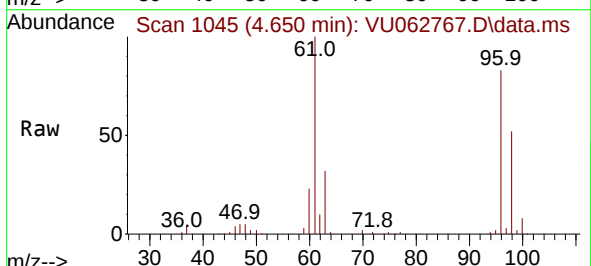
RT: 4.650 min Scan# 1045

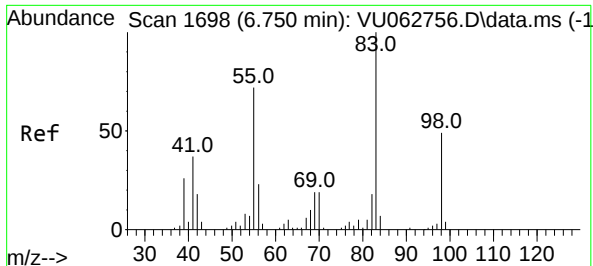
Delta R.T. -0.003 min

Lab File: VU062767.D

Acq: 15 Jan 2025 15:10

Tgt Ion:	96	Resp:	134052
Ion Ratio	Lower	Upper	
96	100		
61	120.2	84.8	157.6
98	62.2	43.1	80.1

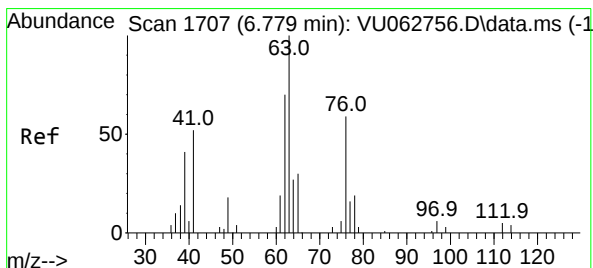
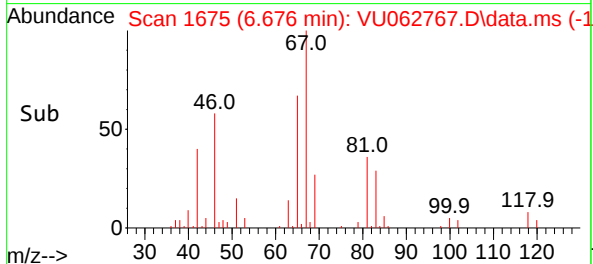
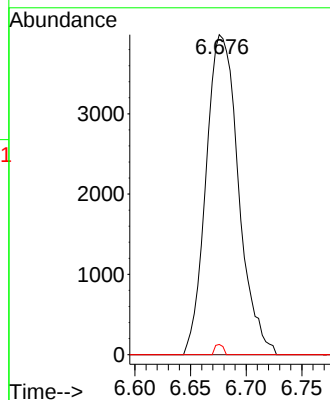
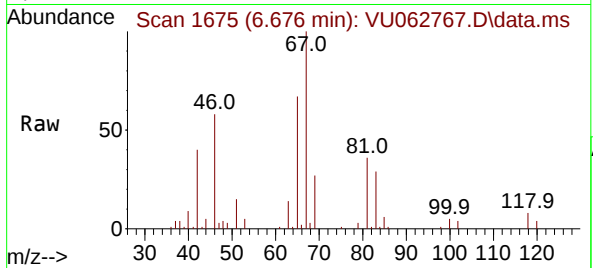




#35
Methylcyclohexane
Concen: 0.743 ug/L
RT: 6.676 min Scan# 1675
Delta R.T. -0.074 min
Lab File: VU062767.D
Acq: 15 Jan 2025 15:10

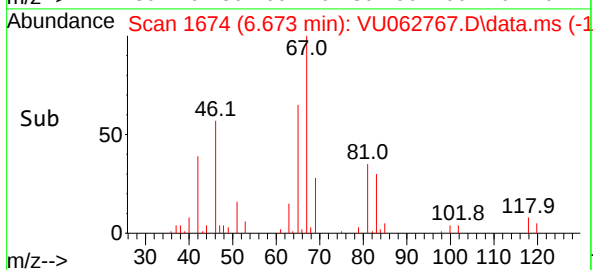
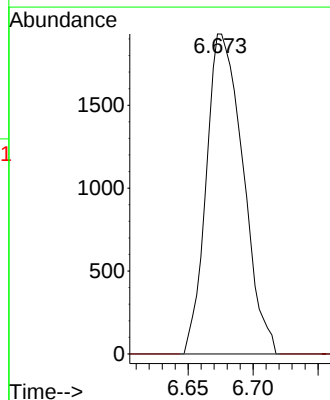
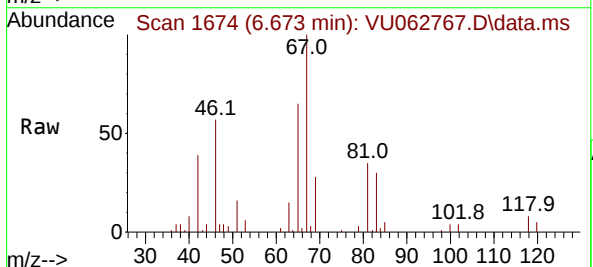
Instrument :
MSVOA_U
ClientSampleId :

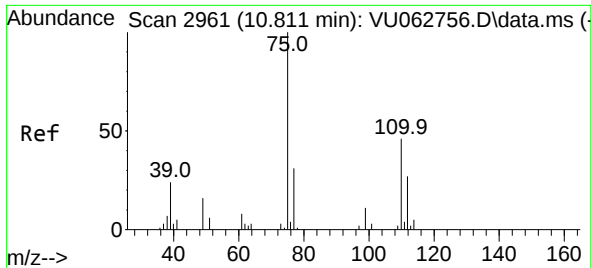
Tgt Ion: 83 Resp: 8081
Ion Ratio Lower Upper
83 100
55 0.0 57.2 85.8#
98 0.8 36.6 55.0#



#37
1,2-Dichloropropane
Concen: 0.621 ug/L
RT: 6.673 min Scan# 1674
Delta R.T. -0.106 min
Lab File: VU062767.D
Acq: 15 Jan 2025 15:10

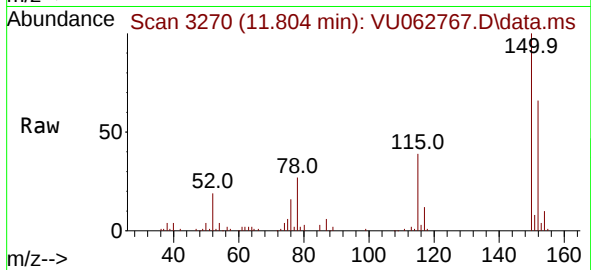
Tgt Ion: 63 Resp: 3788
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.088 ug/L
 RT: 11.804 min Scan# 31
 Delta R.T. 0.994 min
 Lab File: VU062767.D
 Acq: 15 Jan 2025 15:10

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
110	0.5	33.2	49.8#
77	39.6	25.9	38.9#

