

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012025\
 Data File : VU062924.D
 Acq On : 20 Jan 2025 17:08
 Operator : MD/SY
 Sample : Q1086-15DL 400X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 21 02:43:26 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 21 02:39:03 2025
 Response via : Initial Calibration

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

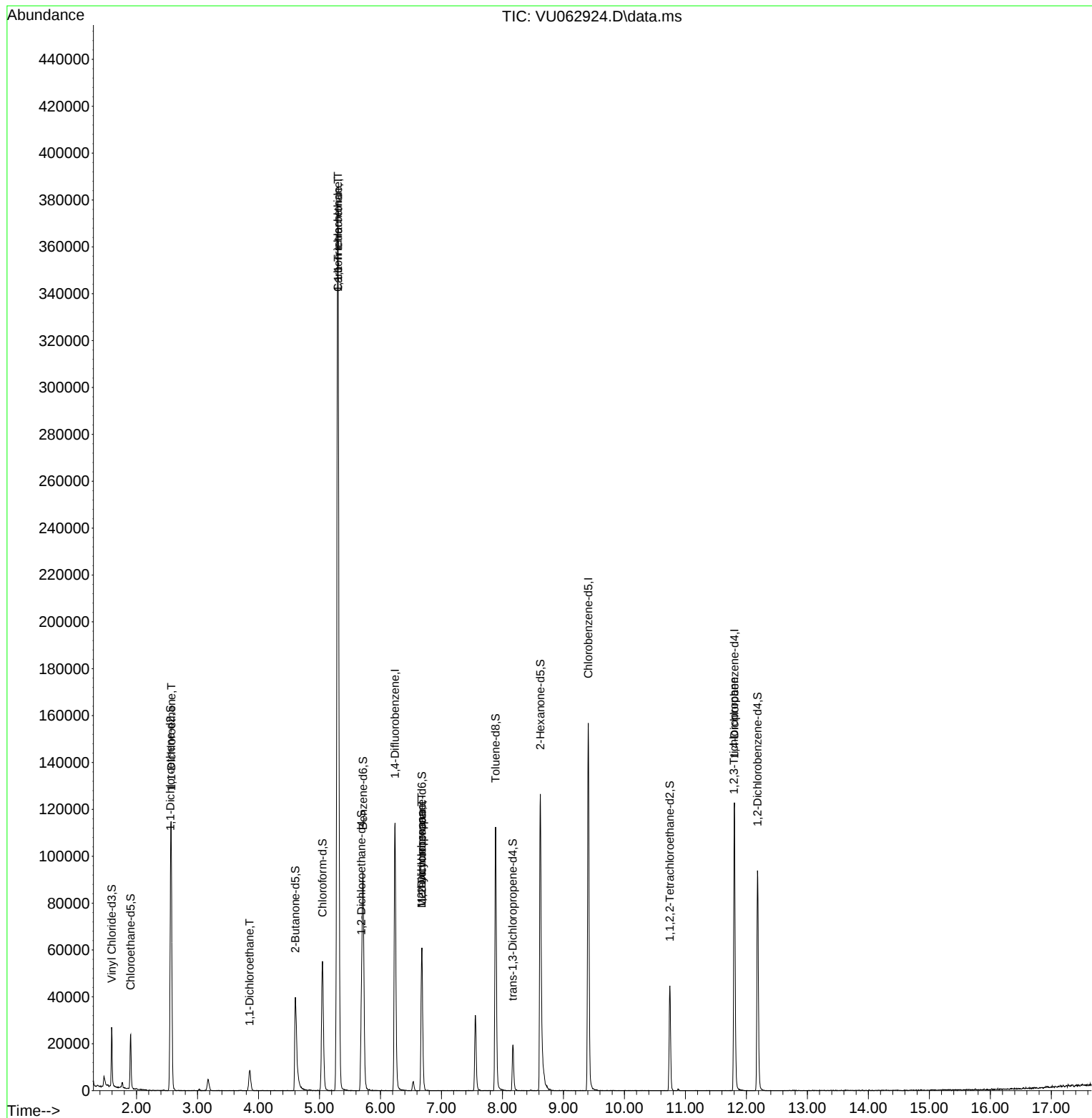
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	92577	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	87739	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	36418	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	17141	3.343	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	66.800%	
7) Chloroethane-d5	1.904	69	16434	3.984	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	79.600%	
11) 1,1-Dichloroethene-d2	2.557	65	9170	3.452	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	69.000%	
20) 2-Butanone-d5	4.605	46	55528	52.989	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	105.980%	
24) Chloroform-d	5.049	84	54041	4.284	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.600%	
26) 1,2-Dichloroethane-d4	5.689	65	31683	4.630	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.600%	
32) Benzene-d6	5.714	84	85888	4.005	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	80.000%	
36) 1,2-Dichloropropane-d6	6.679	67	26433	4.445	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	89.000%	
41) Toluene-d8	7.888	98	76580	3.665	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	73.200%	
43) trans-1,3-Dichloroprop...	8.171	79	12547	4.233	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	84.600%	
46) 2-Hexanone-d5	8.621	63	43586	46.753	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	93.500%	
56) 1,1,2,2-Tetrachloroeth...	10.746	84	20044	4.025	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	80.400%	
66) 1,2-Dichlorobenzene-d4	12.184	152	27108	4.474	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	89.400%	
Target Compounds						
						Qvalue
12) 1,1-Dichloroethene	2.570	96	30852	5.368	ug/L	90
19) 1,1-Dichloroethane	3.856	63	10441	0.948	ug/L	94
29) 1,1,1-Trichloroethane	5.303	97	293347	22.042	ug/L	99
31) Carbon tetrachloride	5.303	117	34302	2.805	ug/L	98
35) Methylcyclohexane	6.676	83	6887	0.650	ug/L #	20
37) 1,2-Dichloropropane	6.676	63	3525	0.593	ug/L #	85
61) 1,2,3-Trichloropropane	11.798	75	3115	0.964	ug/L #	62

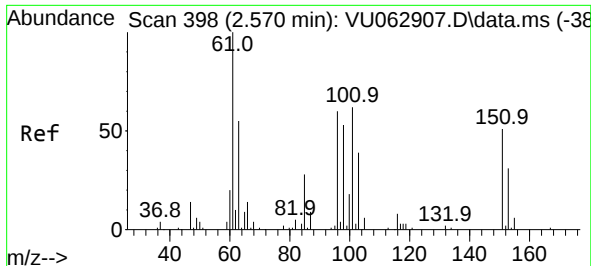
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 5.368 ug/L

RT: 2.570 min Scan# 398

Delta R.T. -0.000 min

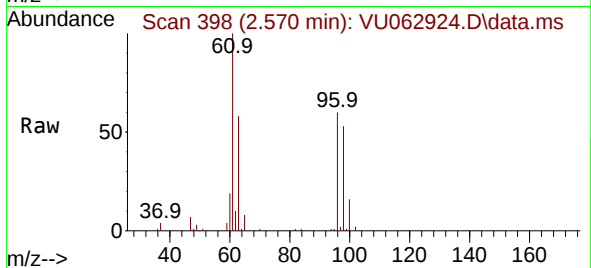
Lab File: VU062924.D

Acq: 20 Jan 2025 17:08

Instrument :

MSVOA_U

ClientSampleId :



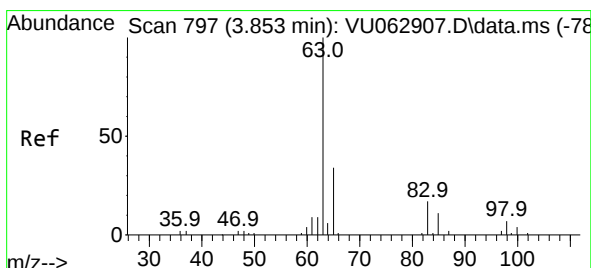
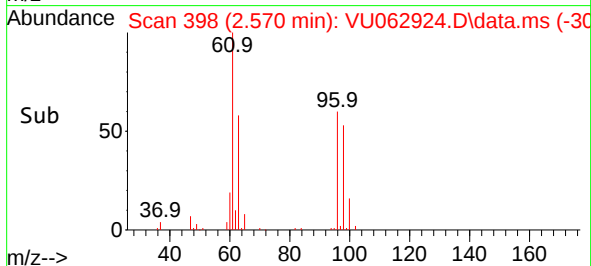
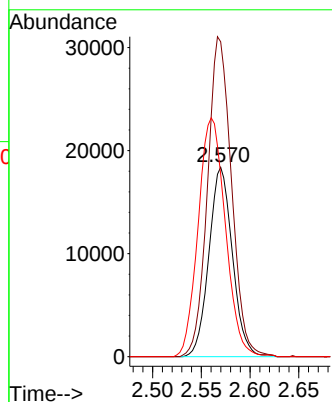
Tgt Ion: 96 Resp: 30852

Ion Ratio Lower Upper

96 100

61 166.1 120.4 223.6

63 96.3 82.3 152.9



#19

1,1-Dichloroethane

Concen: 0.948 ug/L

RT: 3.856 min Scan# 798

Delta R.T. 0.003 min

Lab File: VU062924.D

Acq: 20 Jan 2025 17:08

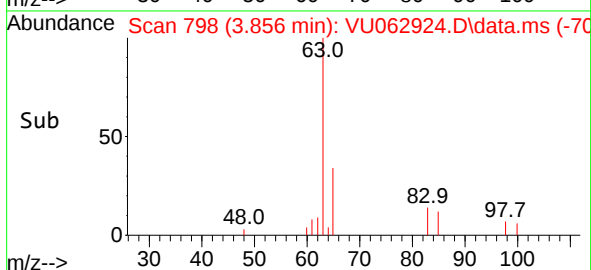
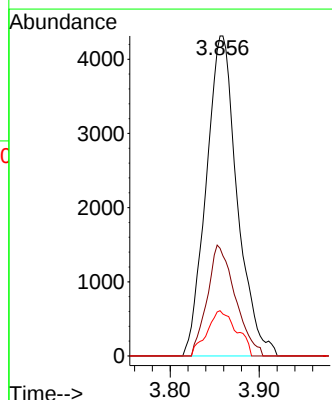
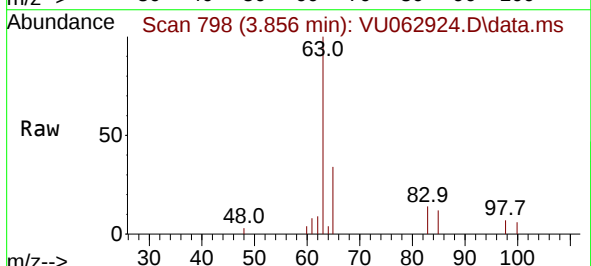
Tgt Ion: 63 Resp: 10441

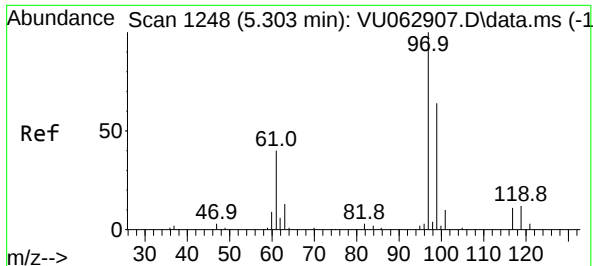
Ion Ratio Lower Upper

63 100

65 33.7 20.7 38.5

83 14.2 10.5 19.5

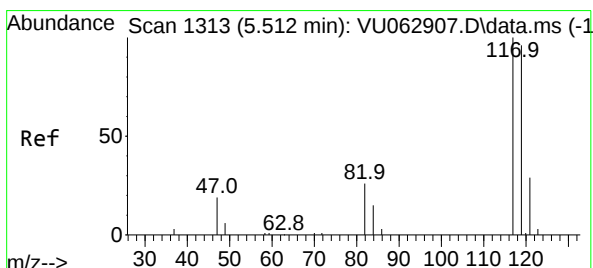
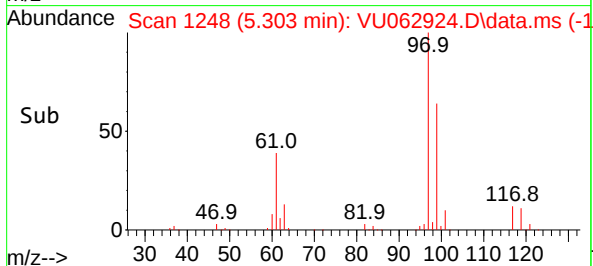
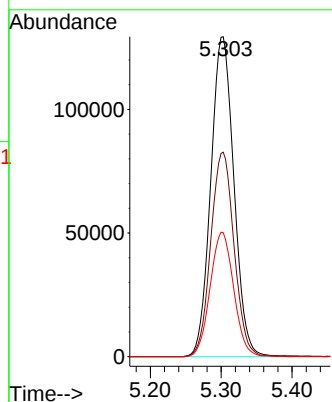
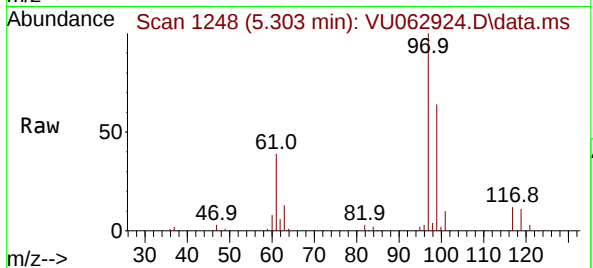




#29
1,1,1-Trichloroethane
Concen: 22.042 ug/L
RT: 5.303 min Scan# 1248
Delta R.T. -0.000 min
Lab File: VU062924.D
Acq: 20 Jan 2025 17:08

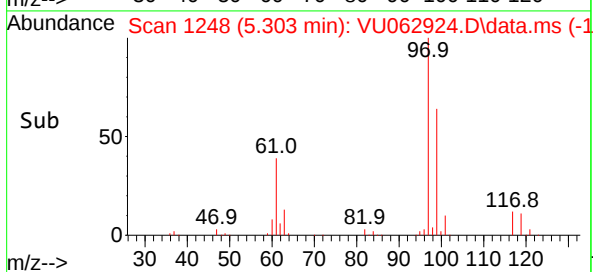
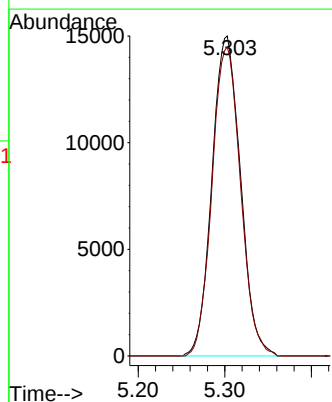
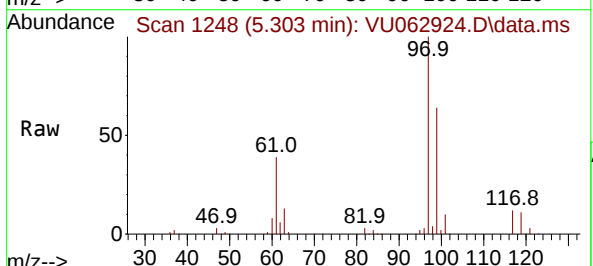
Instrument :
MSVOA_U
ClientSampleId :

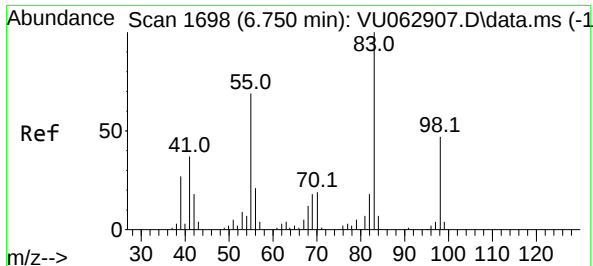
Tgt Ion: 97 Resp: 293347
Ion Ratio Lower Upper
97 100
99 64.5 52.4 78.6
61 39.7 32.2 48.4



#31
Carbon tetrachloride
Concen: 2.805 ug/L
RT: 5.303 min Scan# 1248
Delta R.T. -0.209 min
Lab File: VU062924.D
Acq: 20 Jan 2025 17:08

Tgt Ion: 117 Resp: 34302
Ion Ratio Lower Upper
117 100
119 96.5 78.6 118.0





#35

Methylcyclohexane

Concen: 0.650 ug/L

RT: 6.676 min Scan# 1675

Delta R.T. -0.074 min

Lab File: VU062924.D

Acq: 20 Jan 2025 17:08

Instrument :

MSVOA_U

ClientSampleId :

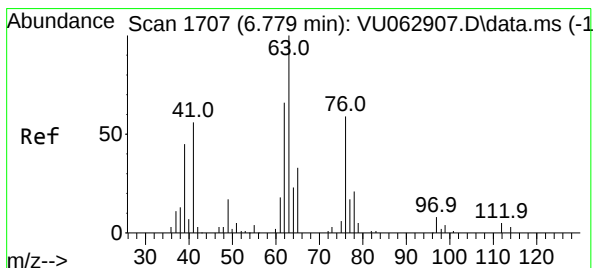
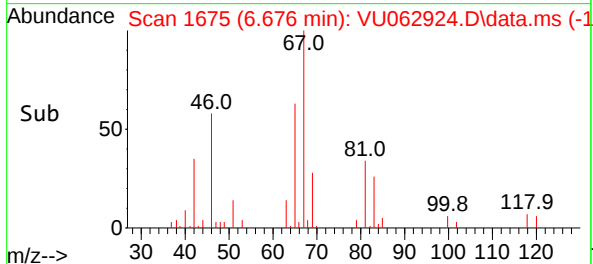
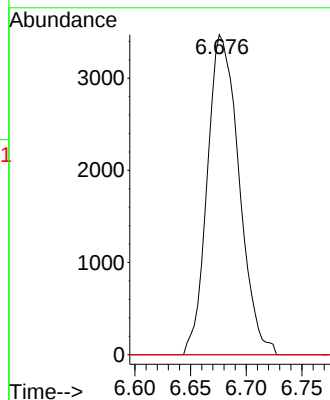
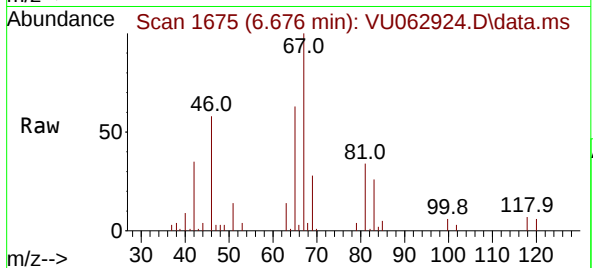
Tgt Ion: 83 Resp: 6887

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: 0.593 ug/L

RT: 6.676 min Scan# 1675

Delta R.T. -0.103 min

Lab File: VU062924.D

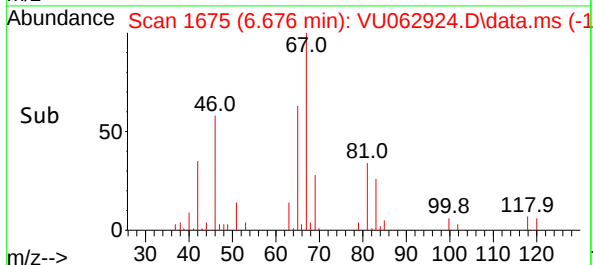
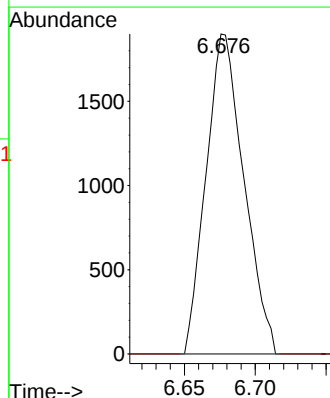
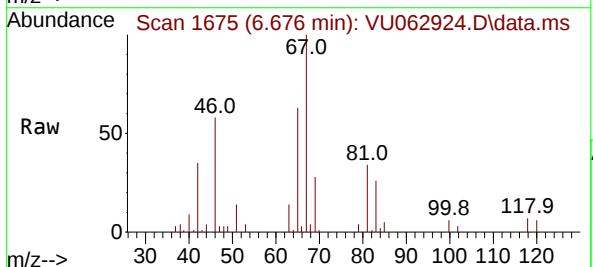
Acq: 20 Jan 2025 17:08

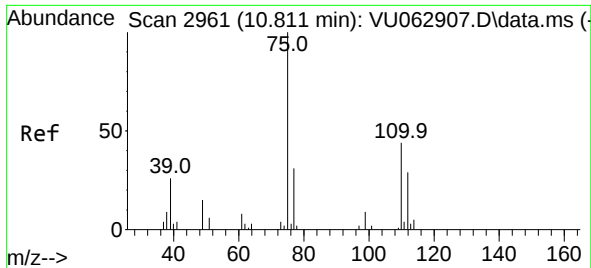
Tgt Ion: 63 Resp: 3525

Ion Ratio Lower Upper

63 100

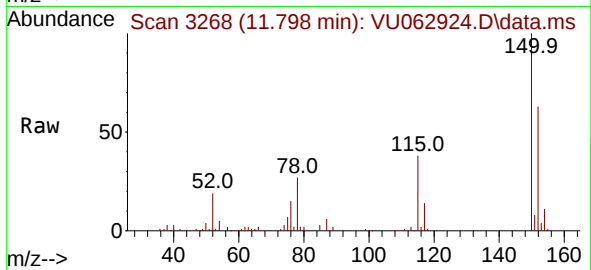
112 0.0 3.8 5.8#





#61
 1,2,3-Trichloropropane
 Concen: 0.964 ug/L
 RT: 11.798 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU062924.D
 Acq: 20 Jan 2025 17:08

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 3115
 Ion Ratio Lower Upper
 75 100
 110 0.0 33.2 49.8#
 77 33.5 25.9 38.9

