

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012225\
 Data File : VU062960.D
 Acq On : 22 Jan 2025 13:24
 Operator : MD/SY
 Sample : Q1086-11DL2 1000X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 23 00:45:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 23 00:43:08 2025
 Response via : Initial Calibration

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

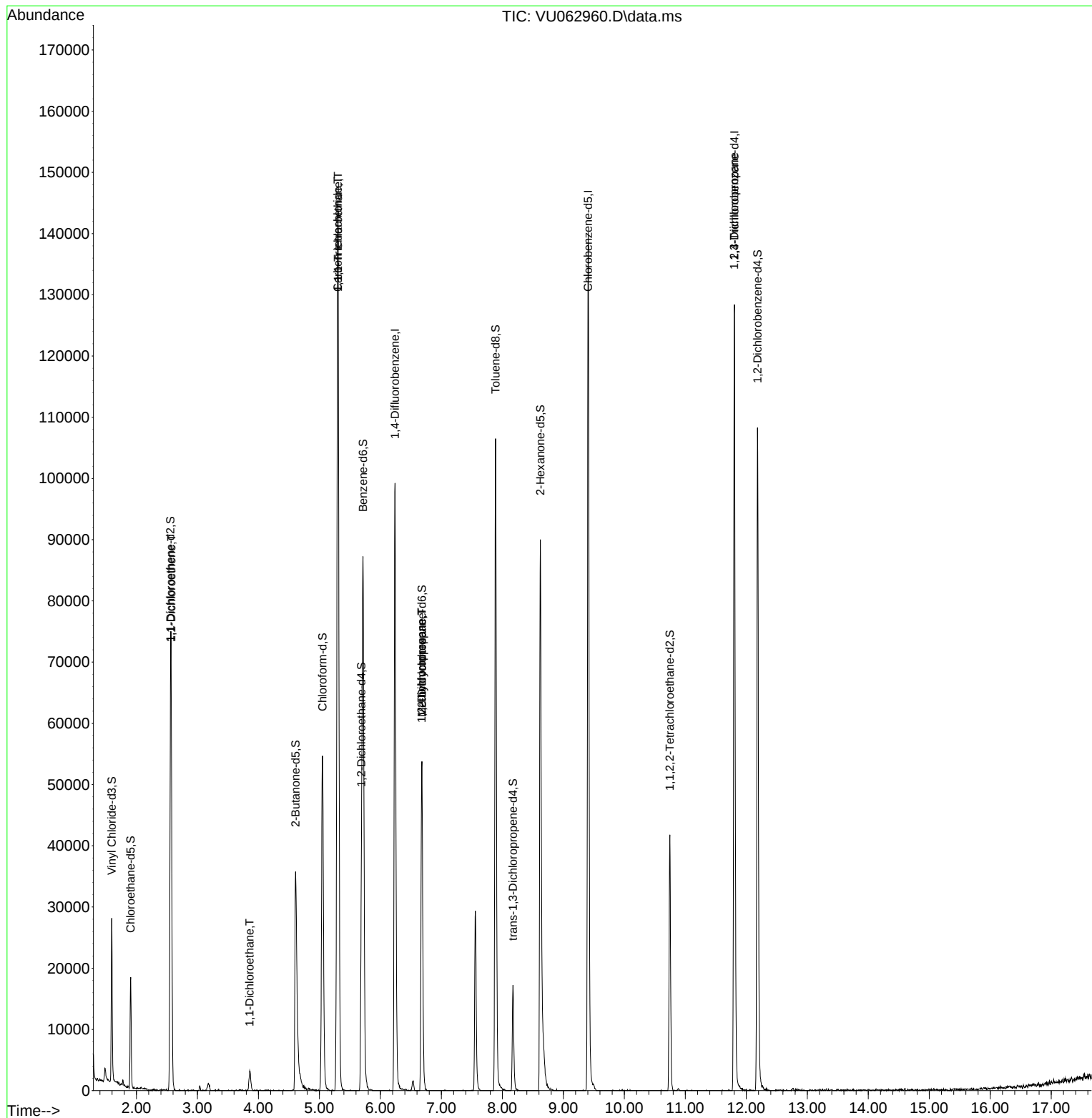
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	82100	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.406	117	80430	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	37987	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	19086	4.197	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.000%
7) Chloroethane-d5	1.904	69	12687	3.469	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.400%
11) 1,1-Dichloroethene-d2	2.557	65	10003	4.247	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.000%
20) 2-Butanone-d5	4.608	46	51514	55.432	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.860%
24) Chloroform-d	5.049	84	54136	4.839	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	5.689	65	28739	4.736	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
32) Benzene-d6	5.714	84	80547	4.097	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.000%
36) 1,2-Dichloropropane-d6	6.679	67	22584	4.143	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.800%
41) Toluene-d8	7.888	98	74339	3.881	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.600%
43) trans-1,3-Dichloroprop...	8.174	79	11204	4.123	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.400%
46) 2-Hexanone-d5	8.621	63	29386	34.386	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	68.780%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	18397	4.030	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.600%
66) 1,2-Dichlorobenzene-d4	12.184	152	30618	4.845	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.800%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.570	96	12479	2.449	ug/L #	64
19) 1,1-Dichloroethane	3.856	63	4155	0.426	ug/L	97
29) 1,1,1-Trichloroethane	5.303	97	111256	9.119	ug/L	99
31) Carbon tetrachloride	5.300	117	13292	1.186	ug/L	95
35) Methylcyclohexane	6.679	83	6617	0.681	ug/L #	20
37) 1,2-Dichloropropane	6.676	63	2836	0.520	ug/L #	85
61) 1,2,3-Trichloropropane	11.801	75	3741	1.110	ug/L #	63

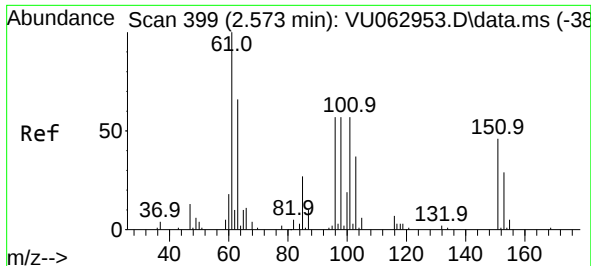
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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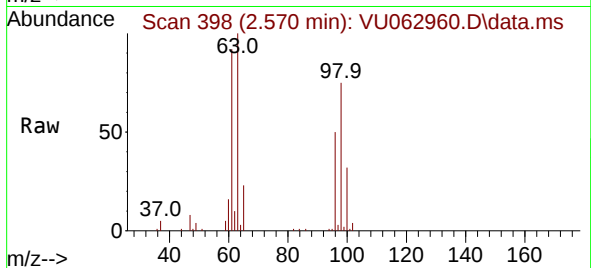
Quant Time: Jan 23 00:45:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
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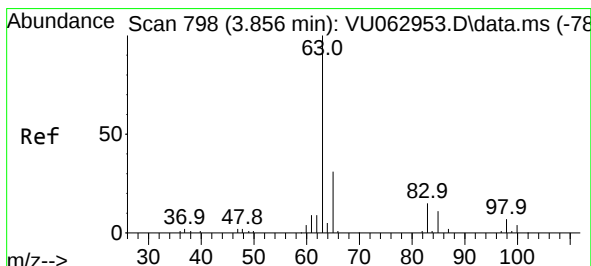
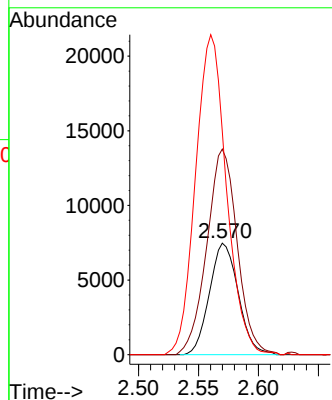
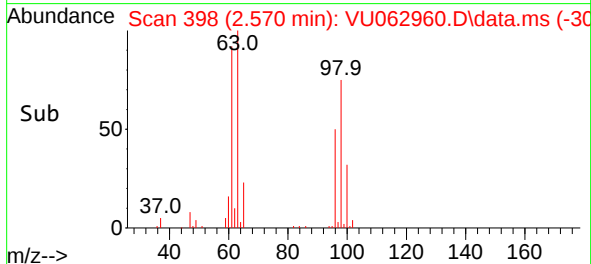


#12
 1,1-Dichloroethene
 Concen: 2.449 ug/L
 RT: 2.570 min Scan# 399
 Delta R.T. -0.003 min
 Lab File: VU062960.D
 Acq: 22 Jan 2025 13:24

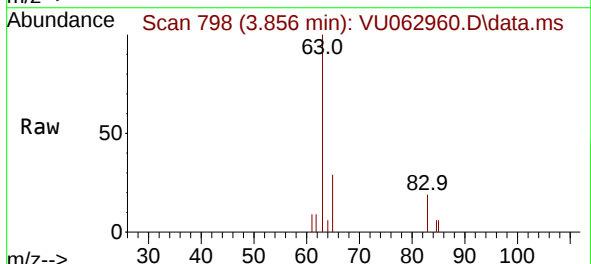
Instrument :
 MSVOA_U
 ClientSampleId :



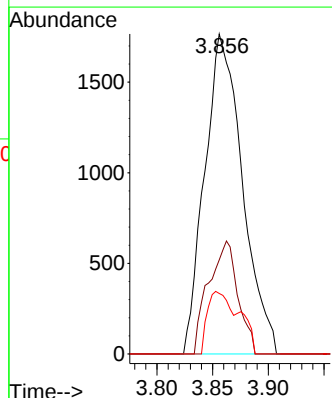
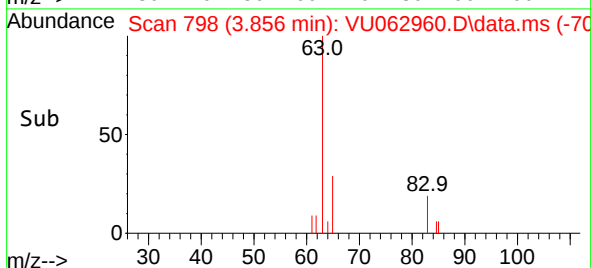
Tgt Ion: 96 Resp: 12479
 Ion Ratio Lower Upper
 96 100
 61 184.4 120.4 223.6
 63 200.5 82.3 152.9#

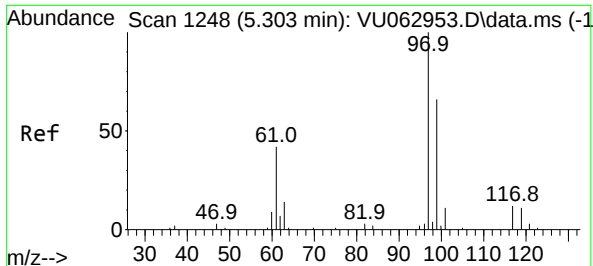


#19
 1,1-Dichloroethane
 Concen: 0.426 ug/L
 RT: 3.856 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VU062960.D
 Acq: 22 Jan 2025 13:24



Tgt Ion: 63 Resp: 4155
 Ion Ratio Lower Upper
 63 100
 65 29.4 20.7 38.5
 83 18.9 10.5 19.5





#29

1,1,1-Trichloroethane

Concen: 9.119 ug/L

RT: 5.303 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU062960.D

Acq: 22 Jan 2025 13:24

Instrument :

MSVOA_U

ClientSampleId :

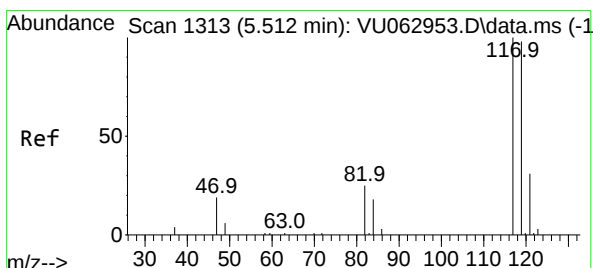
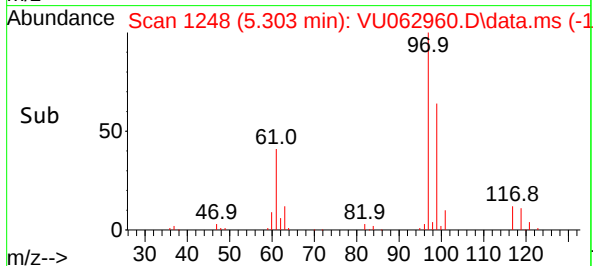
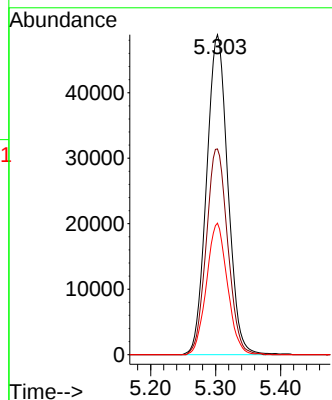
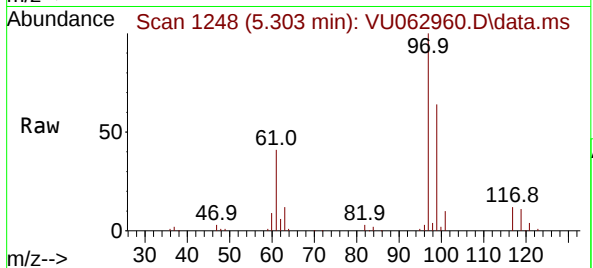
Tgt Ion: 97 Resp: 111256

Ion Ratio Lower Upper

97 100

99 64.9 52.4 78.6

61 40.4 32.2 48.4



#31

Carbon tetrachloride

Concen: 1.186 ug/L

RT: 5.300 min Scan# 1247

Delta R.T. -0.212 min

Lab File: VU062960.D

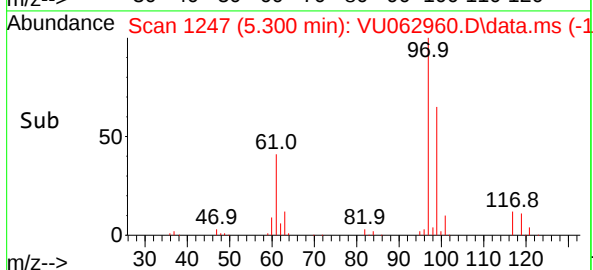
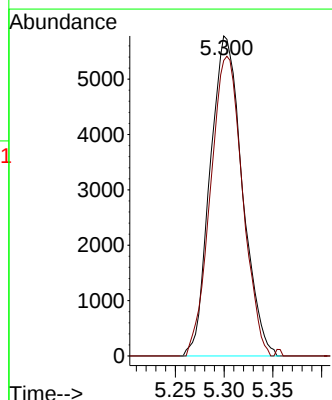
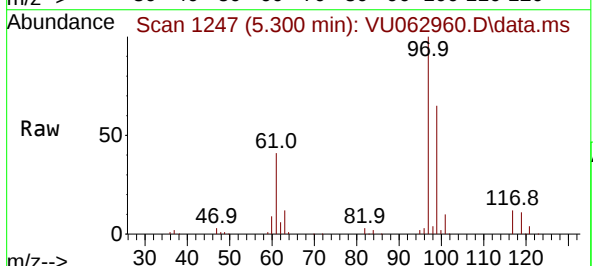
Acq: 22 Jan 2025 13:24

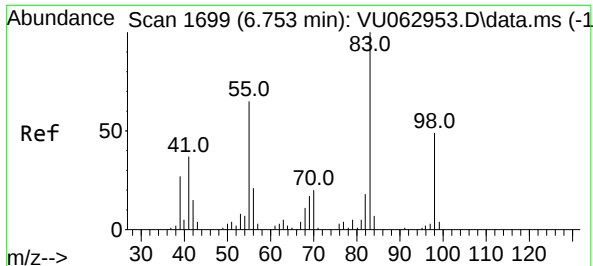
Tgt Ion: 117 Resp: 13292

Ion Ratio Lower Upper

117 100

119 93.1 78.6 118.0

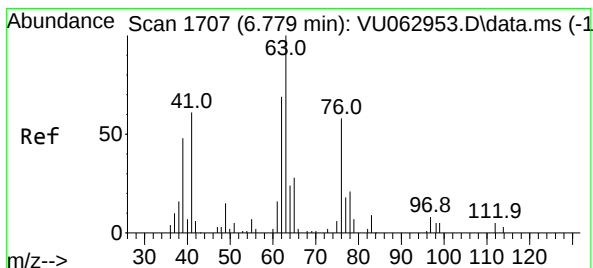
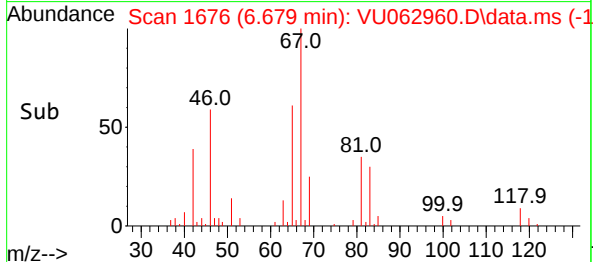
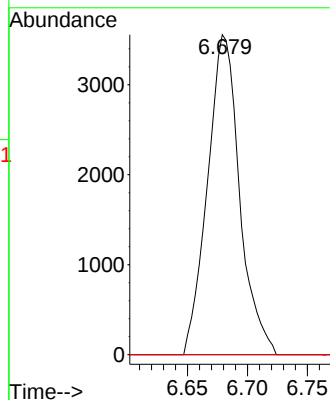
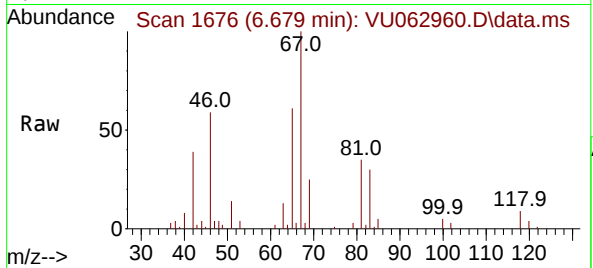




#35
Methylcyclohexane
Concen: 0.681 ug/L
RT: 6.679 min Scan# 1675
Delta R.T. -0.074 min
Lab File: VU062960.D
Acq: 22 Jan 2025 13:24

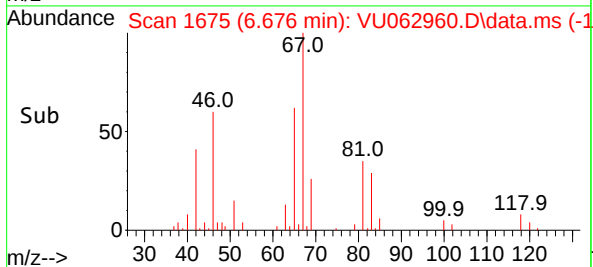
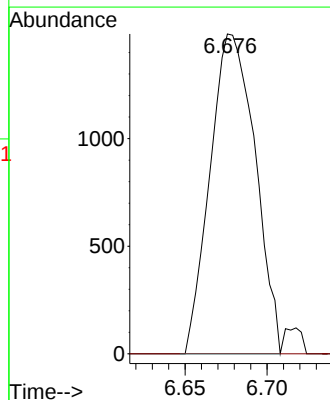
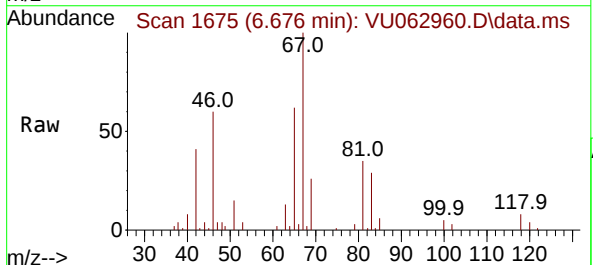
Instrument :
MSVOA_U
ClientSampleId :

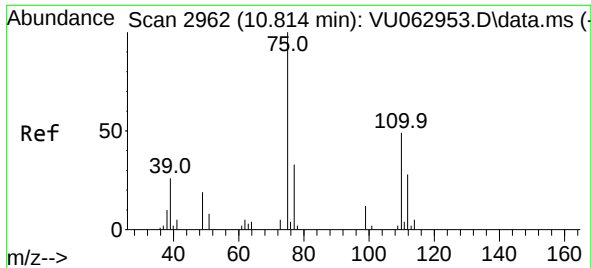
Tgt Ion: 83 Resp: 6617
Ion Ratio Lower Upper
83 100
55 0.0 57.2 85.8#
98 0.0 36.6 55.0#



#37
1,2-Dichloropropane
Concen: 0.520 ug/L
RT: 6.676 min Scan# 1675
Delta R.T. -0.103 min
Lab File: VU062960.D
Acq: 22 Jan 2025 13:24

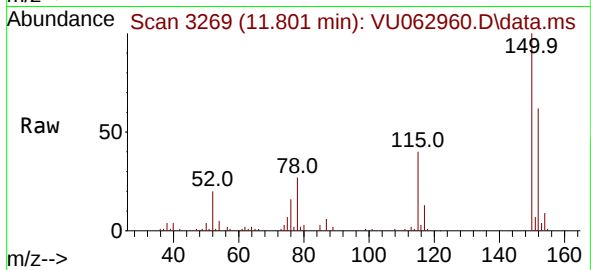
Tgt Ion: 63 Resp: 2836
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.110 ug/L
 RT: 11.801 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU062960.D
 Acq: 22 Jan 2025 13:24

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 3741
 Ion Ratio Lower Upper
 75 100
 110 0.0 33.2 49.8#
 77 32.4 25.9 38.9

