

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011725\
 Data File : VU062881.D
 Acq On : 17 Jan 2025 19:04
 Operator : MD/SY
 Sample : Q1086-01DL 5X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 17 22:02:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 17 21:53:56 2025
 Response via : Initial Calibration

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

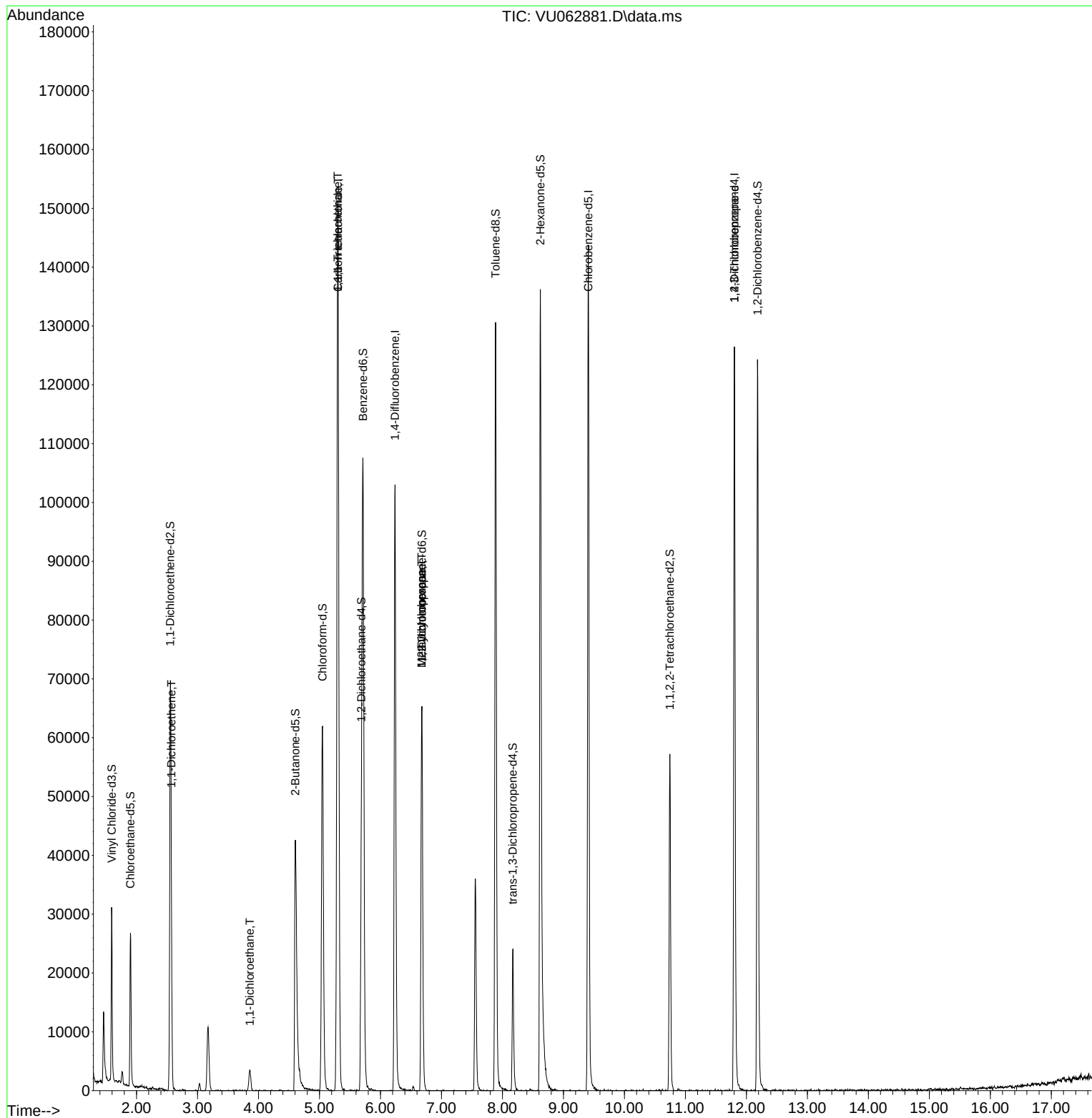
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	82203	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	81272	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	36840	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	19974	4.387	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.800%
7) Chloroethane-d5	1.901	69	18584	5.074	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.400%
11) 1,1-Dichloroethene-d2	2.554	65	11086	4.700	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.000%
20) 2-Butanone-d5	4.605	46	60351	64.859	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	129.720%
24) Chloroform-d	5.049	84	60810	5.429	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.600%
26) 1,2-Dichloroethane-d4	5.688	65	37509	6.174	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	123.400%
32) Benzene-d6	5.714	84	100211	5.044	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.800%
36) 1,2-Dichloropropane-d6	6.679	67	28220	5.123	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.400%
41) Toluene-d8	7.888	98	91070	4.705	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
43) trans-1,3-Dichloroprop...	8.171	79	14106	5.137	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.800%
46) 2-Hexanone-d5	8.621	63	47956	55.534	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.060%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	26428	5.729	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.600%
66) 1,2-Dichlorobenzene-d4	12.183	152	35909	5.859	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.200%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.570	96	7760	1.521	ug/L #	54
19) 1,1-Dichloroethane	3.859	63	4550	0.465	ug/L #	96
29) 1,1,1-Trichloroethane	5.299	97	115442	9.364	ug/L	99
31) Carbon tetrachloride	5.303	117	13456	1.188	ug/L	96
35) Methylcyclohexane	6.676	83	8209	0.836	ug/L #	21
37) 1,2-Dichloropropane	6.676	63	4047	0.735	ug/L #	85
61) 1,2,3-Trichloropropane	11.804	75	3260	0.998	ug/L #	53

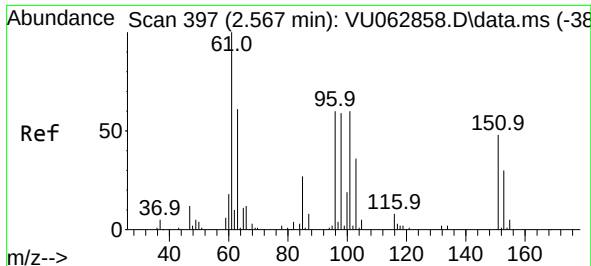
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 1.521 ug/L

RT: 2.570 min Scan# 397

Delta R.T. 0.003 min

Lab File: VU062881.D

Acq: 17 Jan 2025 19:04

Instrument :

MSVOA_U

ClientSampleId :

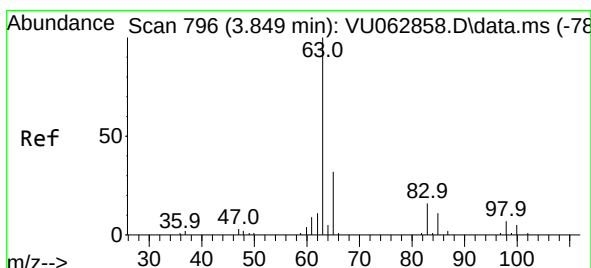
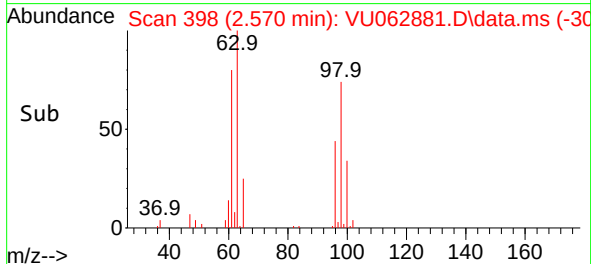
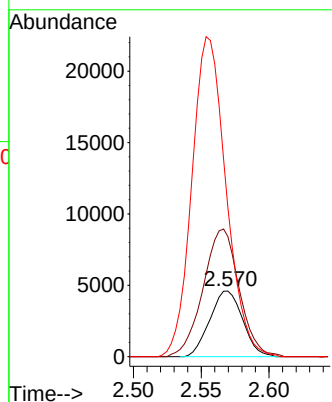
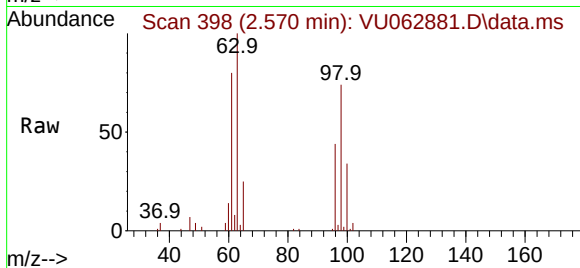
Tgt Ion: 96 Resp: 7760

Ion Ratio Lower Upper

96 100

61 183.2 120.4 223.6

63 227.6 82.3 152.9#



#19

1,1-Dichloroethane

Concen: 0.465 ug/L

RT: 3.859 min Scan# 799

Delta R.T. 0.010 min

Lab File: VU062881.D

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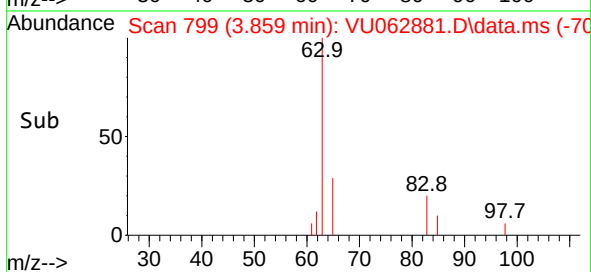
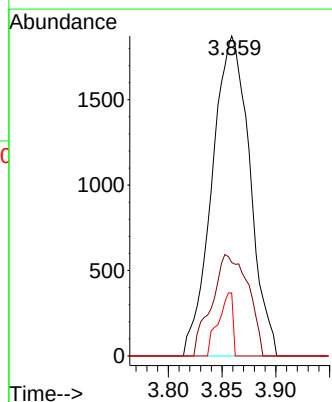
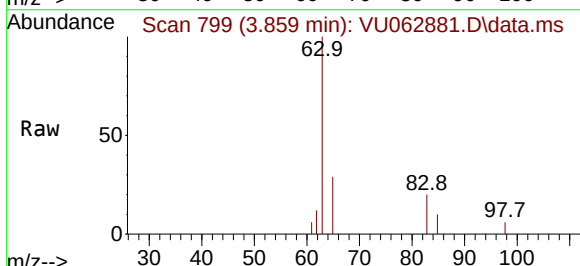
Tgt Ion: 63 Resp: 4550

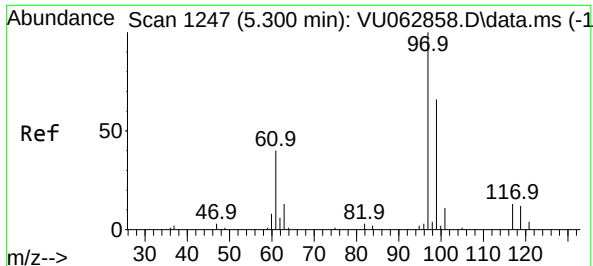
Ion Ratio Lower Upper

63 100

65 29.2 20.7 38.5

83 19.7 10.5 19.5#

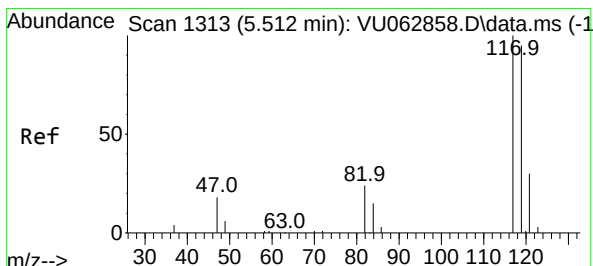
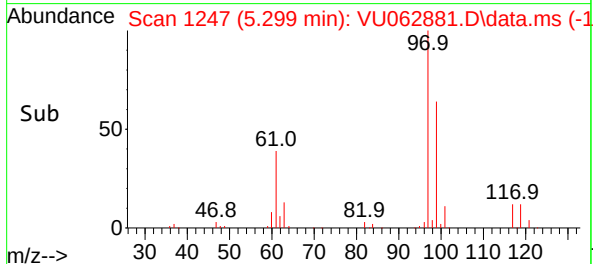
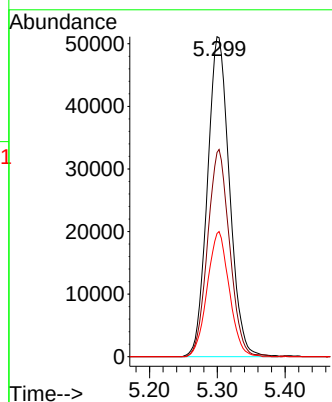
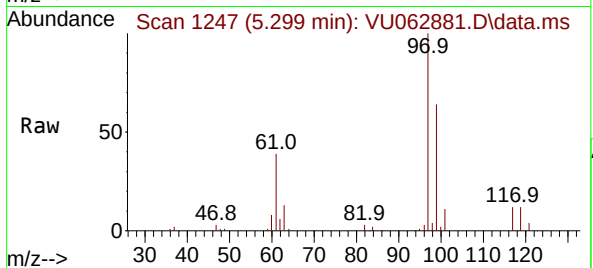




#29
1,1,1-Trichloroethane
Concen: 9.364 ug/L
RT: 5.299 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU062881.D
Acq: 17 Jan 2025 19:04

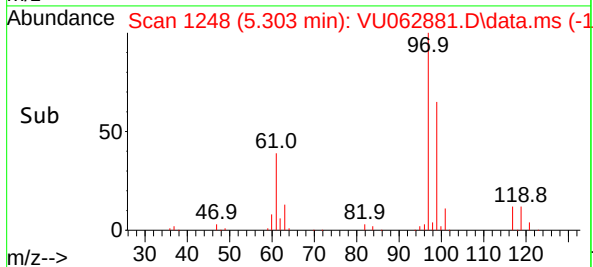
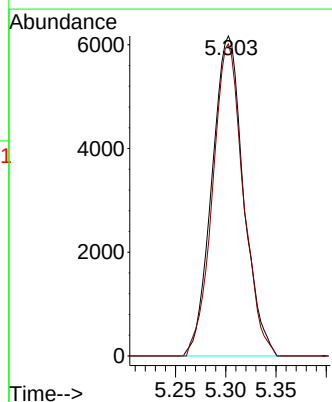
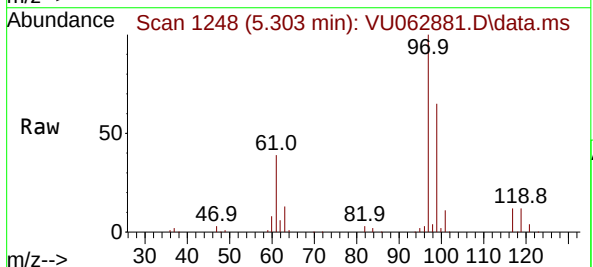
Instrument :
MSVOA_U
ClientSampleId :

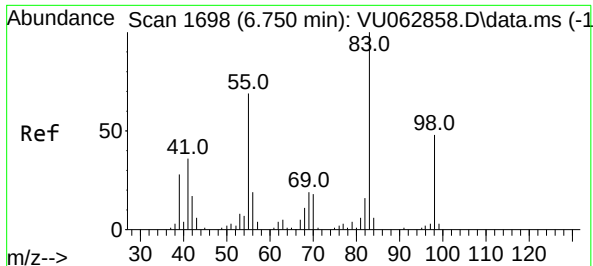
Tgt Ion: 97 Resp: 115442
Ion Ratio Lower Upper
97 100
99 64.7 52.4 78.6
61 39.1 32.2 48.4



#31
Carbon tetrachloride
Concen: 1.188 ug/L
RT: 5.303 min Scan# 1248
Delta R.T. -0.209 min
Lab File: VU062881.D
Acq: 17 Jan 2025 19:04

Tgt Ion:117 Resp: 13456
Ion Ratio Lower Upper
117 100
119 94.8 78.6 118.0





#35

Methylcyclohexane

Concen: 0.836 ug/L

RT: 6.676 min Scan# 1675

Delta R.T. -0.074 min

Lab File: VU062881.D

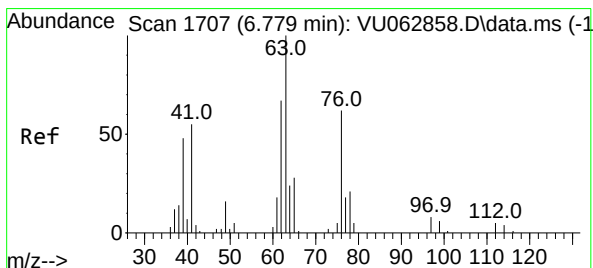
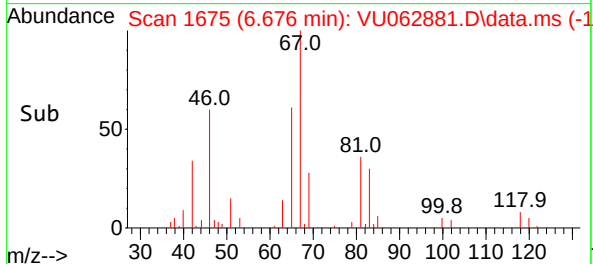
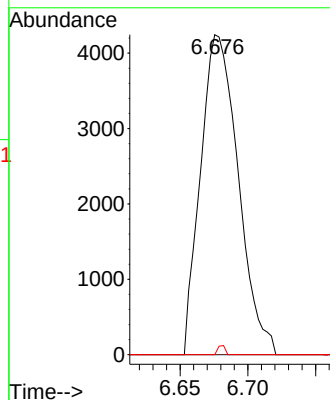
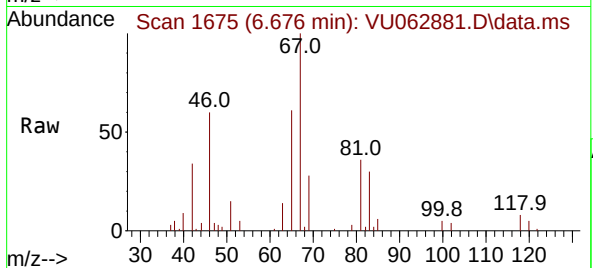
Acq: 17 Jan 2025 19:04

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp:	8209
Ion Ratio	Lower	Upper
83	100	
55	0.0	57.2 85.8#
98	0.5	36.6 55.0#



#37

1,2-Dichloropropane

Concen: 0.735 ug/L

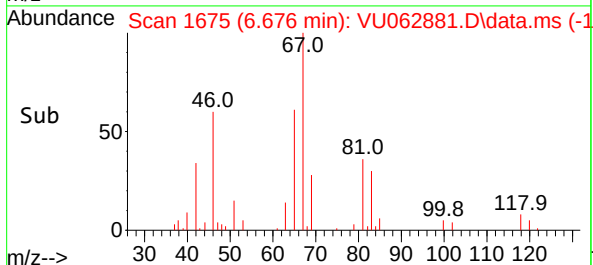
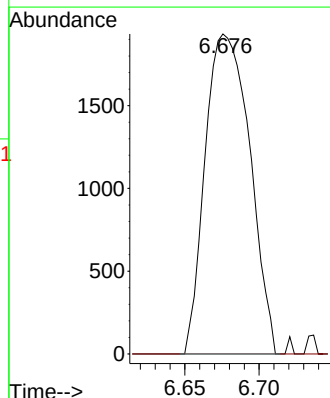
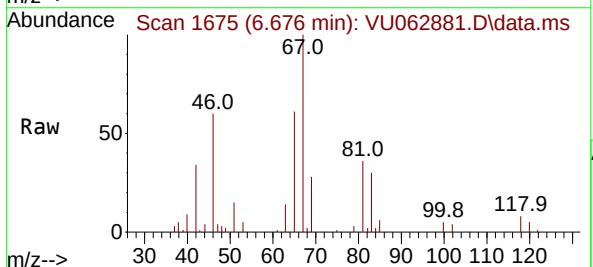
RT: 6.676 min Scan# 1675

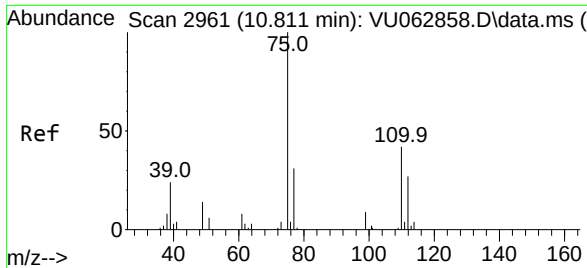
Delta R.T. -0.103 min

Lab File: VU062881.D

Acq: 17 Jan 2025 19:04

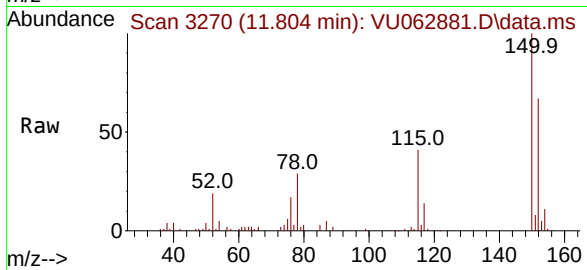
Tgt Ion: 63	Resp:	4047
Ion Ratio	Lower	Upper
63	100	
112	0.0	3.8 5.8#





#61
1,2,3-Trichloropropane
Concen: 0.998 ug/L
RT: 11.804 min Scan# 31
Delta R.T. 0.993 min
Lab File: VU062881.D
Acq: 17 Jan 2025 19:04

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 3260
Ion Ratio Lower Upper
75 100
110 0.0 33.2 49.8#
77 44.8 25.9 38.9#

