

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012225\
 Data File : VU062958.D
 Acq On : 22 Jan 2025 12:16
 Operator : MD/SY
 Sample : Q1086-11DL 200X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 23 00:44:47 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)

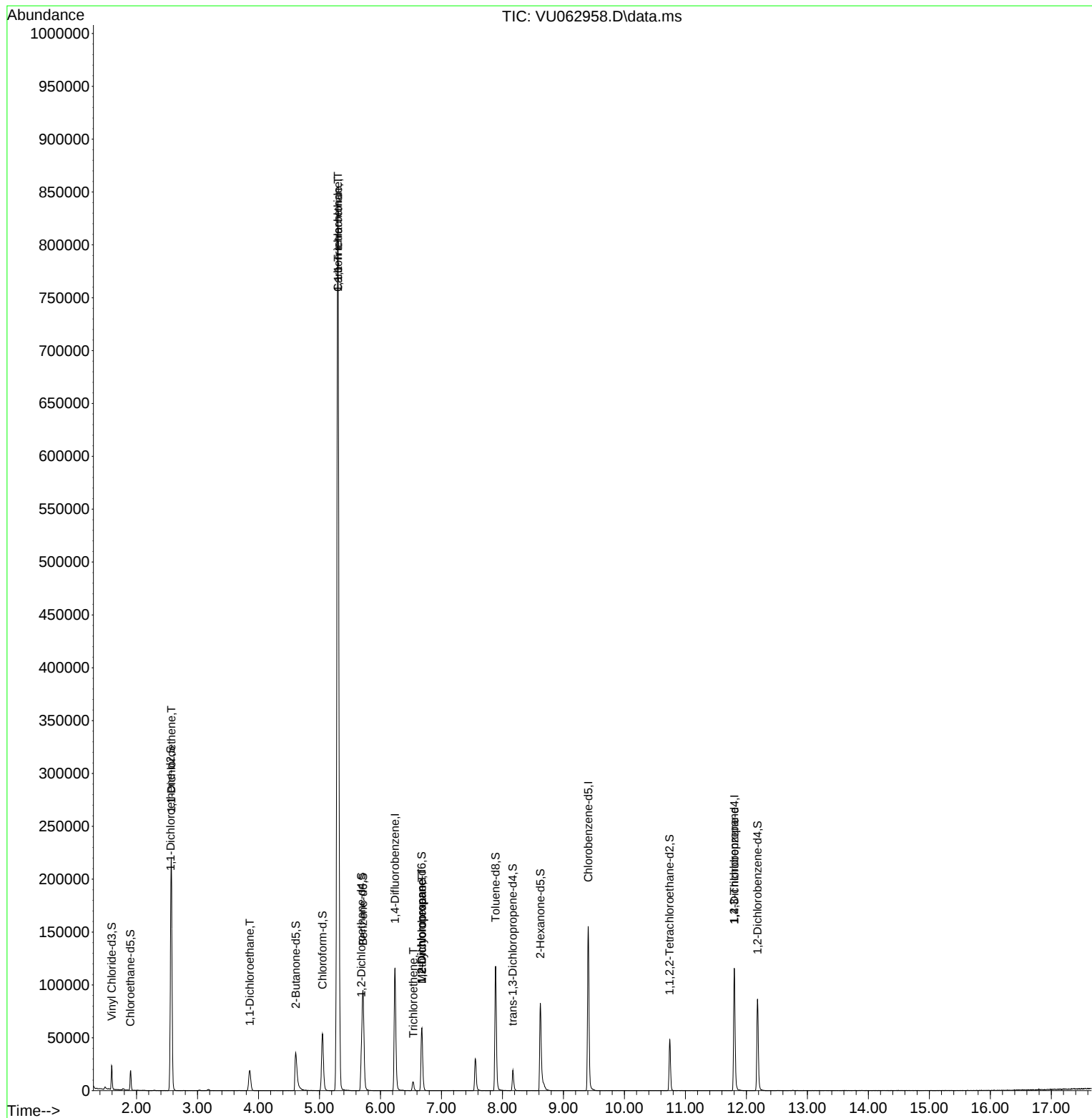
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	94284	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	88122	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	35378	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	15468	2.962	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.200%
7) Chloroethane-d5	1.901	69	13180	3.138	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	62.800%#
11) 1,1-Dichloroethene-d2	2.560	65	10433	3.857	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.200%
20) 2-Butanone-d5	4.611	46	53825	50.434	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.860%
24) Chloroform-d	5.049	84	52568	4.092	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.800%
26) 1,2-Dichloroethane-d4	5.689	65	31324	4.495	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.000%
32) Benzene-d6	5.714	84	90583	4.205	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.200%
36) 1,2-Dichloropropane-d6	6.676	67	26281	4.400	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.000%
41) Toluene-d8	7.888	98	82261	3.920	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.400%
43) trans-1,3-Dichloroprop...	8.171	79	11979	4.024	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.400%
46) 2-Hexanone-d5	8.621	63	27843	29.736	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	59.480%
56) 1,1,2,2-Tetrachloroeth...	10.743	84	22627	4.524	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.400%
66) 1,2-Dichlorobenzene-d4	12.184	152	26138	4.441	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.800%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.570	96	65797	11.242	ug/L	87
19) 1,1-Dichloroethane	3.859	63	23001	2.052	ug/L	99
29) 1,1,1-Trichloroethane	5.303	97	645166	48.266	ug/L	99
31) Carbon tetrachloride	5.303	117	74618	6.074	ug/L	97
34) Trichloroethene	6.541	95	3328	0.385	ug/L	82
35) Methylcyclohexane	6.679	83	7408	0.696	ug/L	# 23
37) 1,2-Dichloropropane	6.679	63	3515	0.589	ug/L	# 85
61) 1,2,3-Trichloropropane	11.801	75	2859	0.911	ug/L	# 55

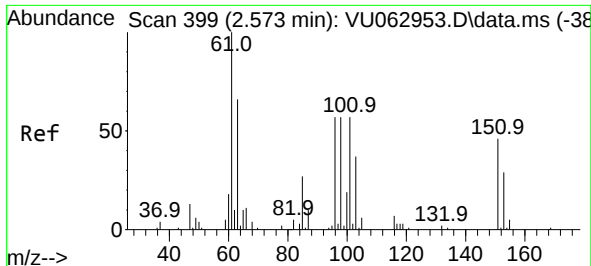
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jan 23 00:43:08 2025
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 11.242 ug/L

RT: 2.570 min Scan# 399

Delta R.T. -0.003 min

Lab File: VU062958.D

Acq: 22 Jan 2025 12:16

Instrument :

MSVOA_U

ClientSampleId :

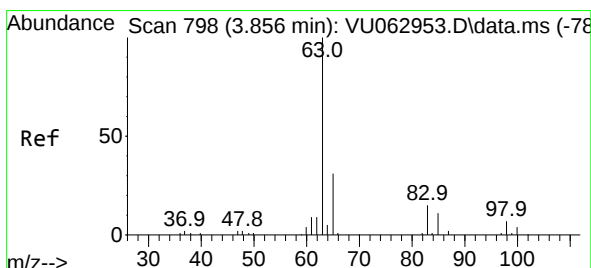
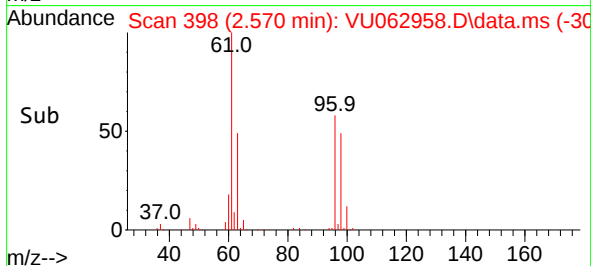
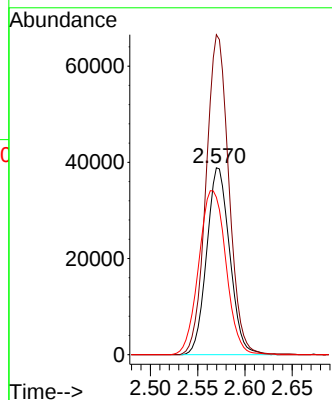
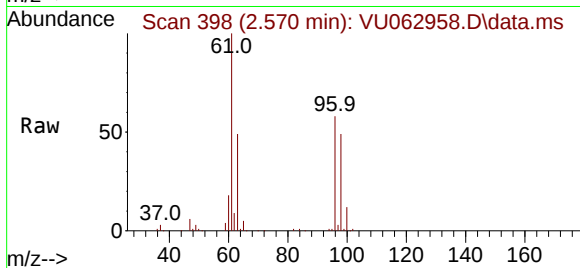
Tgt Ion: 96 Resp: 65797

Ion Ratio Lower Upper

96 100

61 171.2 120.4 223.6

63 84.2 82.3 152.9



#19

1,1-Dichloroethane

Concen: 2.052 ug/L

RT: 3.859 min Scan# 799

Delta R.T. 0.003 min

Lab File: VU062958.D

Acq: 22 Jan 2025 12:16

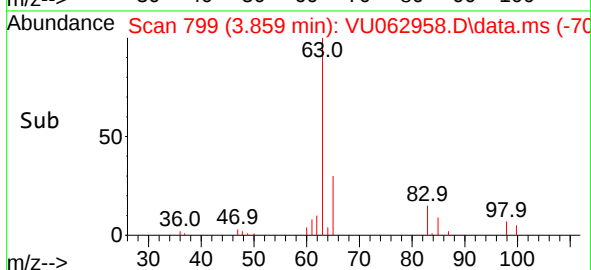
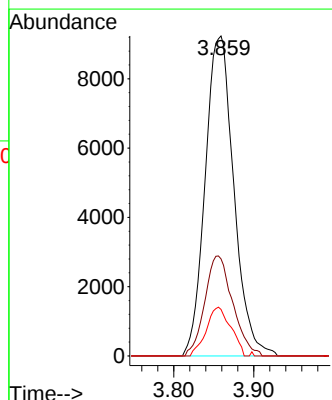
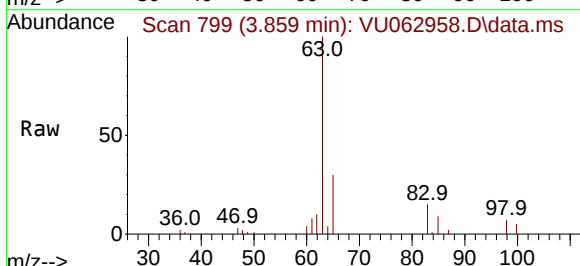
Tgt Ion: 63 Resp: 23001

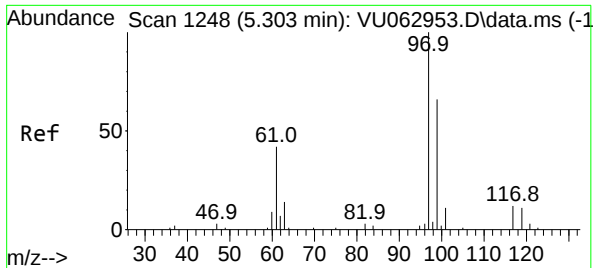
Ion Ratio Lower Upper

63 100

65 30.3 20.7 38.5

83 14.6 10.5 19.5





#29

1,1,1-Trichloroethane

Concen: 48.266 ug/L

RT: 5.303 min Scan# 1248

Delta R.T. 0.000 min

Lab File: VU062958.D

Acq: 22 Jan 2025 12:16

Instrument :

MSVOA_U

ClientSampleId :

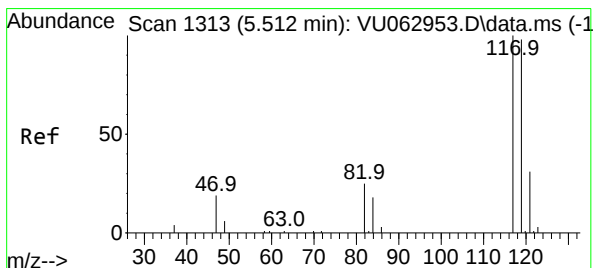
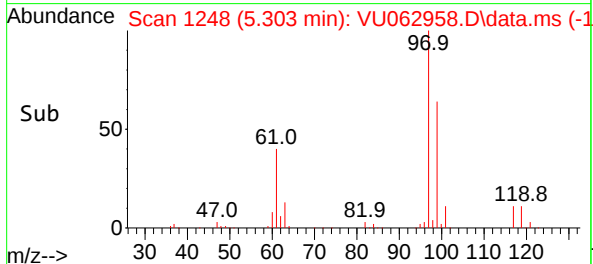
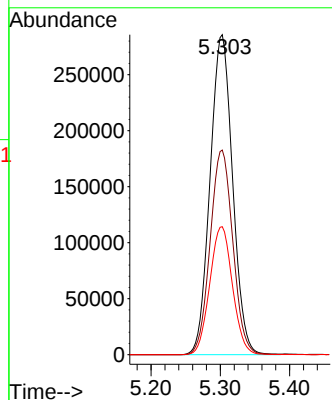
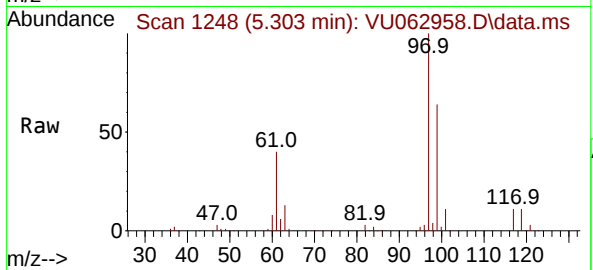
Tgt Ion: 97 Resp: 645166

Ion Ratio Lower Upper

97 100

99 64.5 52.4 78.6

61 40.4 32.2 48.4



#31

Carbon tetrachloride

Concen: 6.074 ug/L

RT: 5.303 min Scan# 1248

Delta R.T. -0.209 min

Lab File: VU062958.D

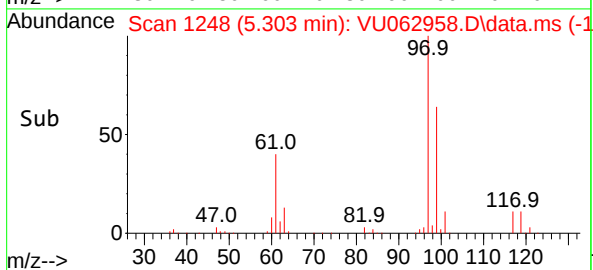
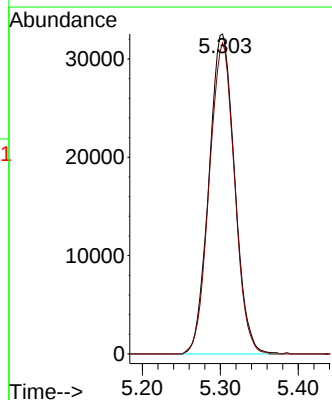
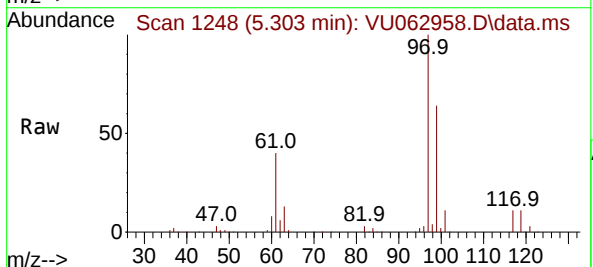
Acq: 22 Jan 2025 12:16

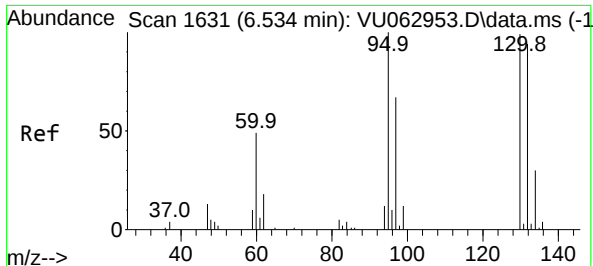
Tgt Ion:117 Resp: 74618

Ion Ratio Lower Upper

117 100

119 95.5 78.6 118.0





#34

Trichloroethene

Concen: 0.385 ug/L

RT: 6.541 min Scan# 1

Delta R.T. 0.006 min

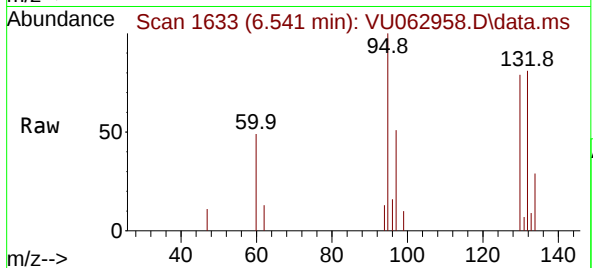
Lab File: VU062958.D

Acq: 22 Jan 2025 12:16

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 3328

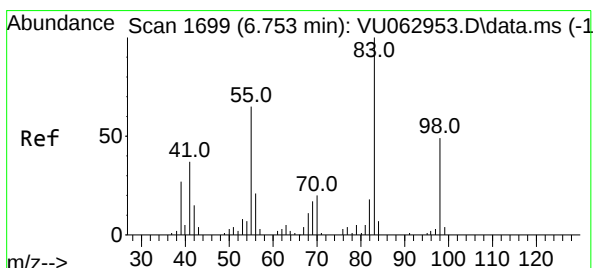
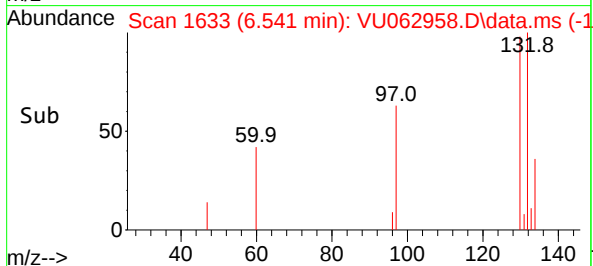
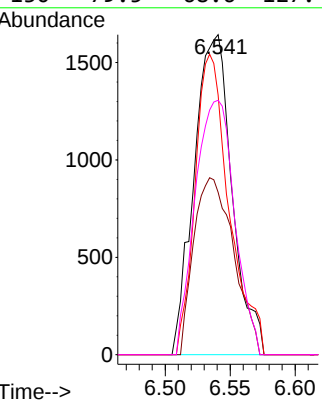
Ion Ratio Lower Upper

95 100

97 50.8 47.5 88.3

132 81.1 66.9 124.3

130 79.5 68.6 127.4



#35

Methylcyclohexane

Concen: 0.696 ug/L

RT: 6.679 min Scan# 1676

Delta R.T. -0.074 min

Lab File: VU062958.D

Acq: 22 Jan 2025 12:16

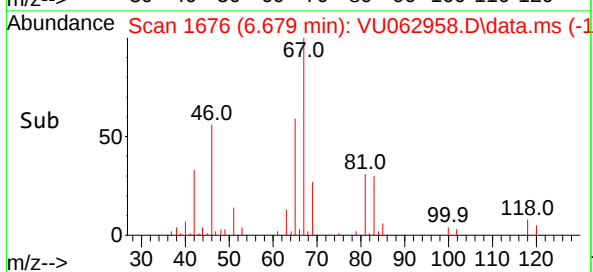
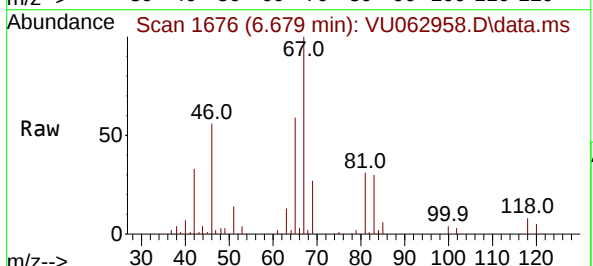
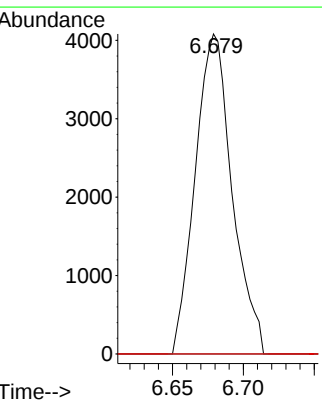
Tgt Ion: 83 Resp: 7408

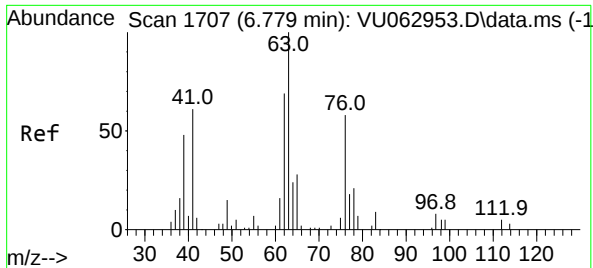
Ion Ratio Lower Upper

83 100

55 0.0 57.2 85.8#

98 4.1 36.6 55.0#

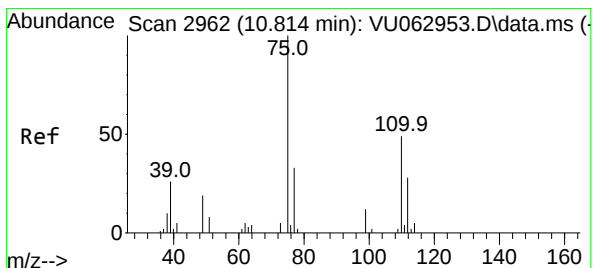
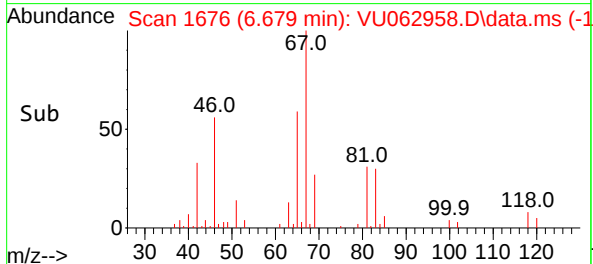
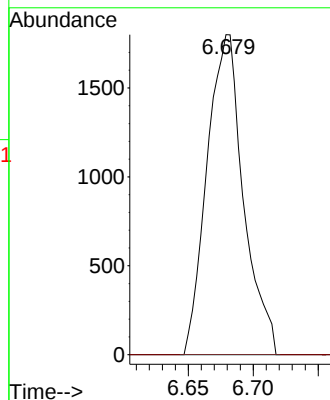
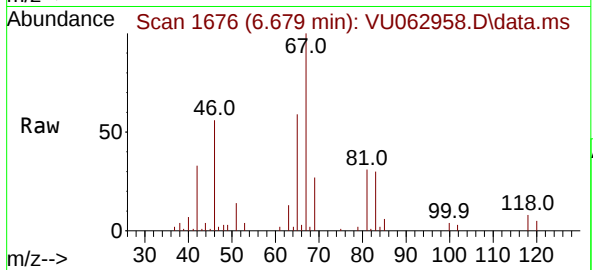




#37
1,2-Dichloropropane
Concen: 0.589 ug/L
RT: 6.679 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU062958.D
Acq: 22 Jan 2025 12:16

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 3515
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#



#61
1,2,3-Trichloropropane
Concen: 0.911 ug/L
RT: 11.801 min Scan# 3269
Delta R.T. 0.987 min
Lab File: VU062958.D
Acq: 22 Jan 2025 12:16

Tgt Ion: 75 Resp: 2859
Ion Ratio Lower Upper
75 100
110 0.0 33.2 49.8#
77 42.1 25.9 38.9#

