

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011625\
 Data File : VU062849.D
 Acq On : 17 Jan 2025 03:34
 Operator : MD/SY
 Sample : Q1071-15DL 5X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 17 03:51:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 16 23:11:57 2025
 Response via : Initial Calibration

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

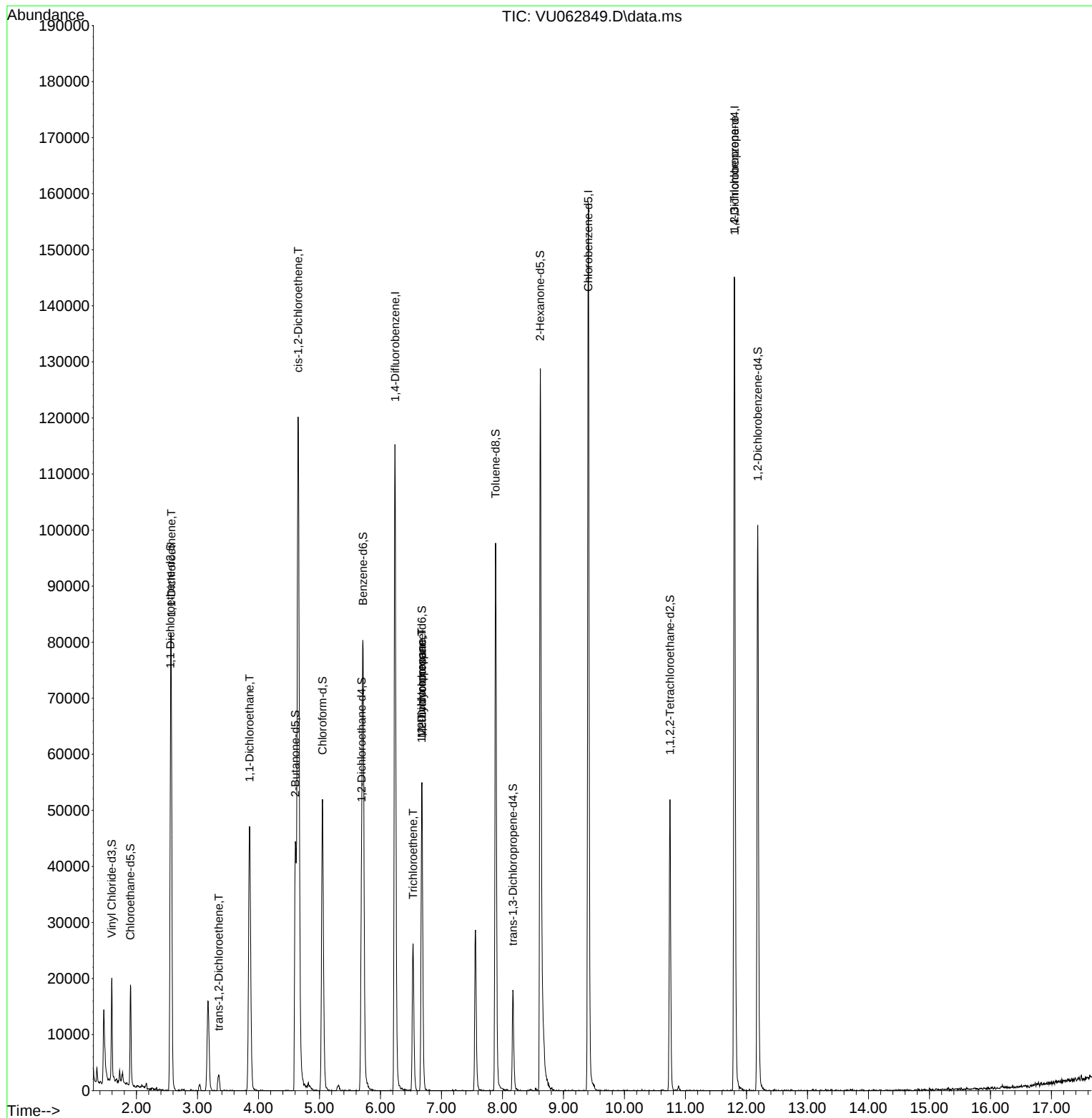
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	96356	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.406	117	90329	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	43225	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.593	65	10702	2.005	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	40.200%
7) Chloroethane-d5	1.901	69	12637	2.944	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	58.800%#
11) 1,1-Dichloroethene-d2	2.557	65	6844	2.476	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	49.600%#
20) 2-Butanone-d5	4.605	46	59467	54.522	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.040%
24) Chloroform-d	5.049	84	50020	3.810	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.200%
26) 1,2-Dichloroethane-d4	5.689	65	30429	4.273	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.400%
32) Benzene-d6	5.715	84	74261	3.363	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	67.200%#
36) 1,2-Dichloropropane-d6	6.679	67	23280	3.803	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.000%
41) Toluene-d8	7.888	98	68304	3.175	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	63.600%#
43) trans-1,3-Dichloroprop...	8.171	79	11447	3.751	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.000%
46) 2-Hexanone-d5	8.618	63	46019	47.948	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.900%
56) 1,1,2,2-Tetrachloroeth...	10.747	84	24087	4.698	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.000%
66) 1,2-Dichlorobenzene-d4	12.184	152	30827	4.287	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.800%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.570	96	21314	3.563	ug/L	89
18) trans-1,2-Dichloroethene	3.351	96	1437	0.224	ug/L	92
19) 1,1-Dichloroethane	3.853	63	53346	4.656	ug/L	95
22) cis-1,2-Dichloroethene	4.650	96	65425	9.375	ug/L	98
34) Trichloroethene	6.535	95	9393	1.059	ug/L	98
35) Methylcyclohexane	6.679	83	6519	0.598	ug/L #	23
37) 1,2-Dichloropropane	6.676	63	2690	0.439	ug/L #	85
61) 1,2,3-Trichloropropane	11.801	75	3859	1.007	ug/L #	57

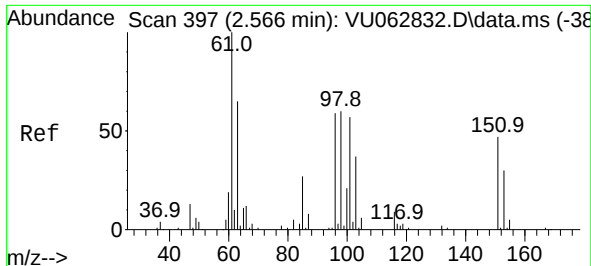
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 16 23:11:57 2025
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 3.563 ug/L

RT: 2.570 min Scan# 397

Delta R.T. 0.004 min

Lab File: VU062849.D

Acq: 17 Jan 2025 03:34

Instrument :

MSVOA_U

ClientSampleId :

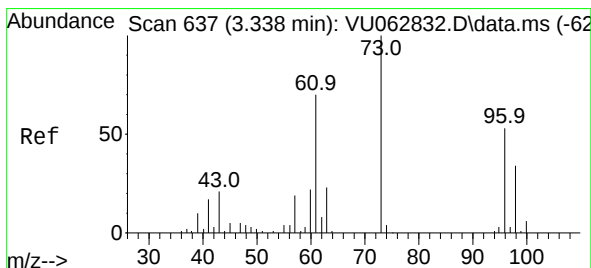
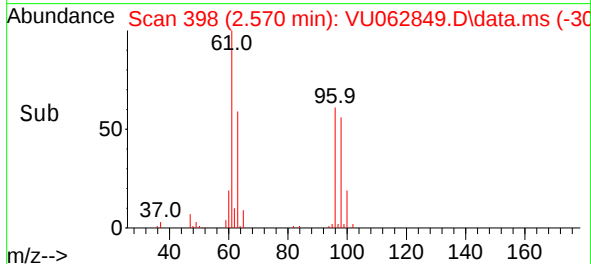
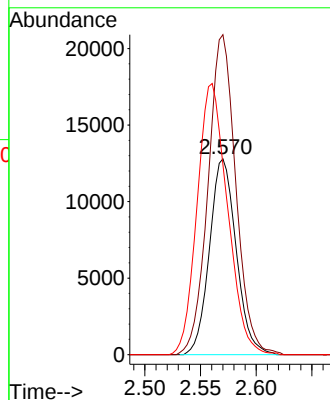
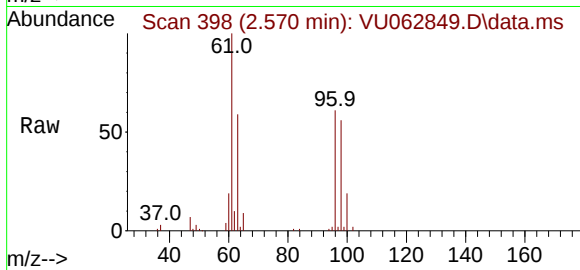
Tgt Ion: 96 Resp: 21314

Ion Ratio Lower Upper

96 100

61 163.4 120.4 223.6

63 97.1 82.3 152.9



#18

trans-1,2-Dichloroethene

Concen: 0.224 ug/L

RT: 3.351 min Scan# 641

Delta R.T. 0.013 min

Lab File: VU062849.D

Acq: 17 Jan 2025 03:34

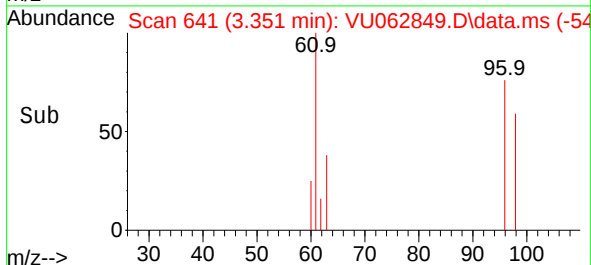
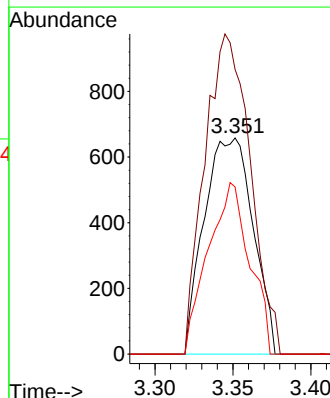
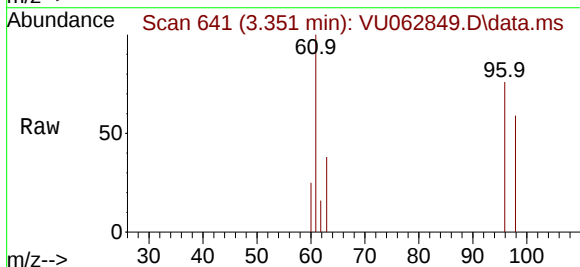
Tgt Ion: 96 Resp: 1437

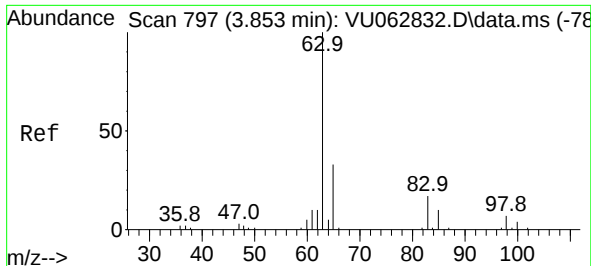
Ion Ratio Lower Upper

96 100

61 131.8 94.4 175.2

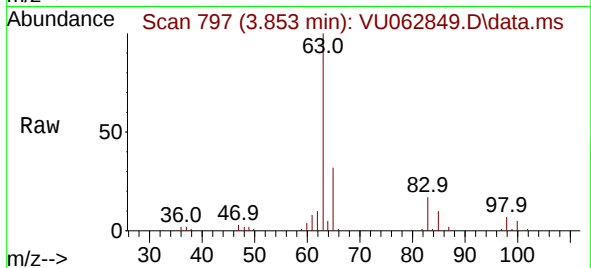
98 77.4 42.8 79.4



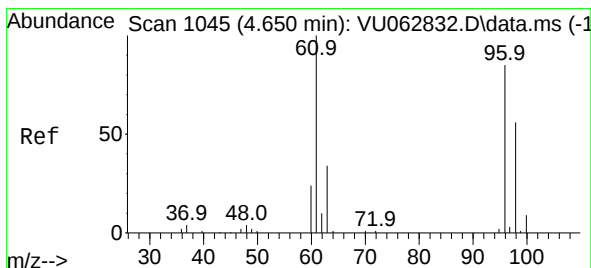
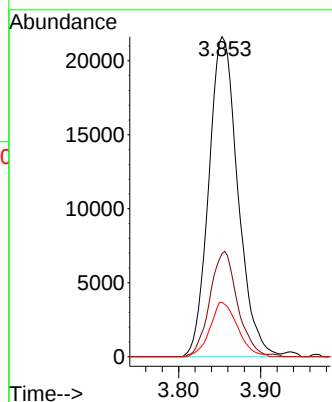
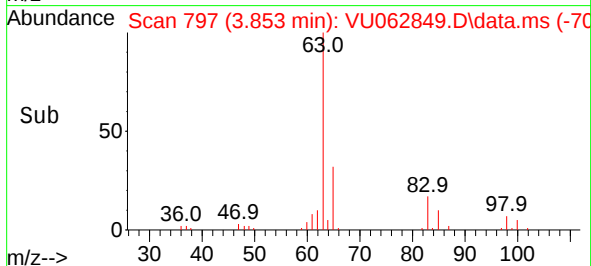


#19
1,1-Dichloroethane
Concen: 4.656 ug/L
RT: 3.853 min Scan# 797
Delta R.T. 0.000 min
Lab File: VU062849.D
Acq: 17 Jan 2025 03:34

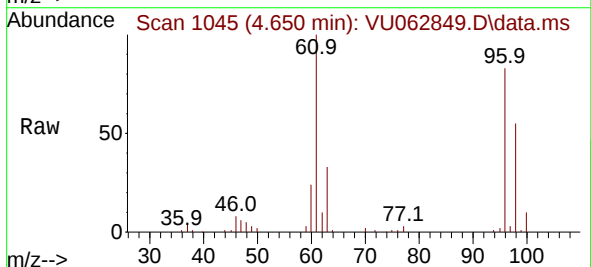
Instrument :
MSVOA_U
ClientSampleId :



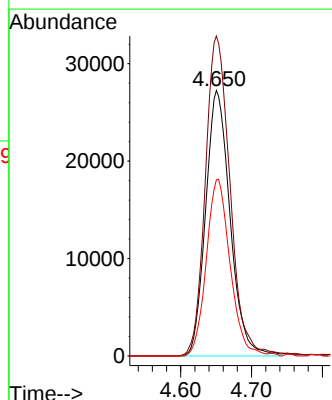
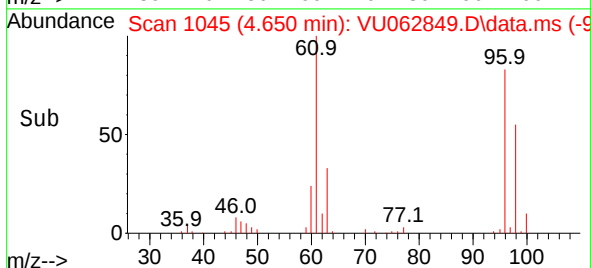
Tgt Ion: 63 Resp: 53346
Ion Ratio Lower Upper
63 100
65 32.2 20.7 38.5
83 17.0 10.5 19.5

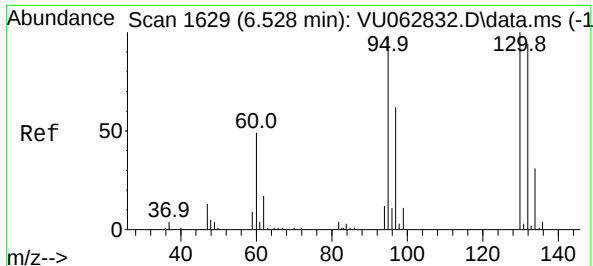


#22
cis-1,2-Dichloroethene
Concen: 9.375 ug/L
RT: 4.650 min Scan# 1045
Delta R.T. 0.000 min
Lab File: VU062849.D
Acq: 17 Jan 2025 03:34



Tgt Ion: 96 Resp: 65425
Ion Ratio Lower Upper
96 100
61 120.6 84.8 157.6
98 66.3 43.1 80.1





#34

Trichloroethene

Concen: 1.059 ug/L

RT: 6.535 min Scan# 1

Delta R.T. 0.007 min

Lab File: VU062849.D

Acq: 17 Jan 2025 03:34

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 9393

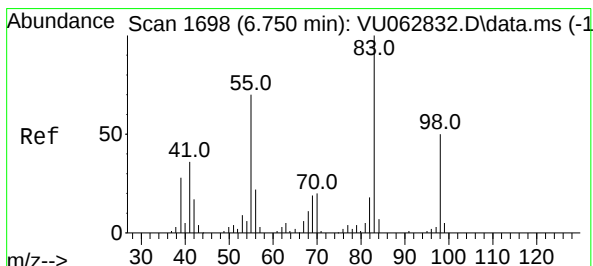
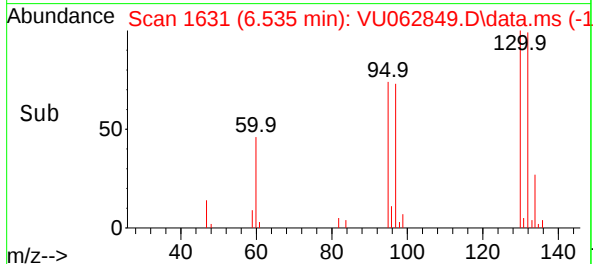
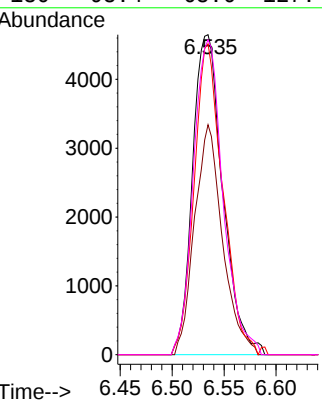
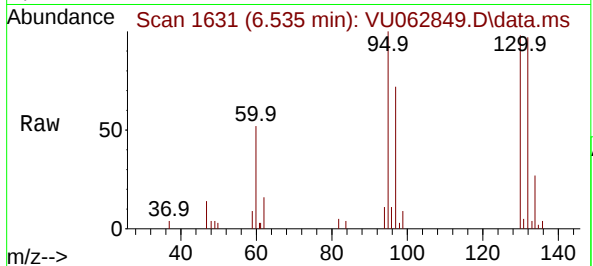
Ion Ratio Lower Upper

95 100

97 71.8 47.5 88.3

132 97.2 66.9 124.3

130 98.4 68.6 127.4



#35

Methylcyclohexane

Concen: 0.598 ug/L

RT: 6.679 min Scan# 1676

Delta R.T. -0.070 min

Lab File: VU062849.D

Acq: 17 Jan 2025 03:34

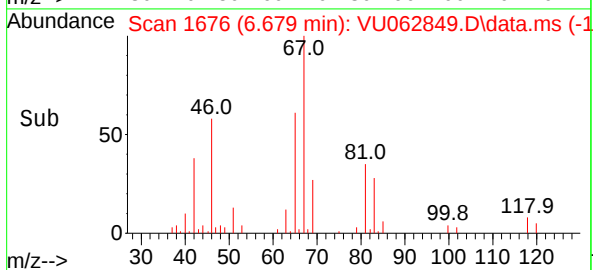
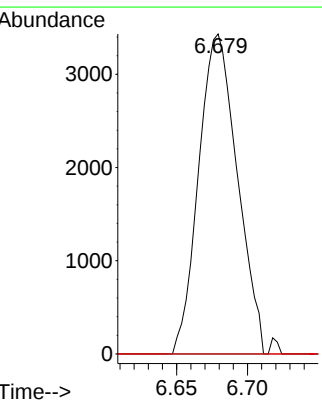
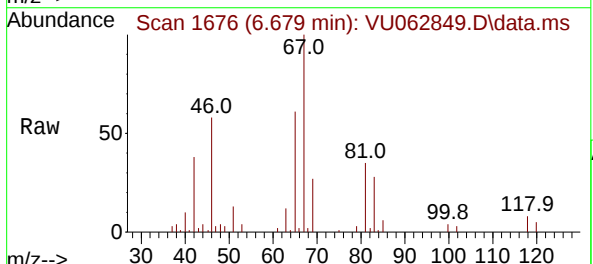
Tgt Ion: 83 Resp: 6519

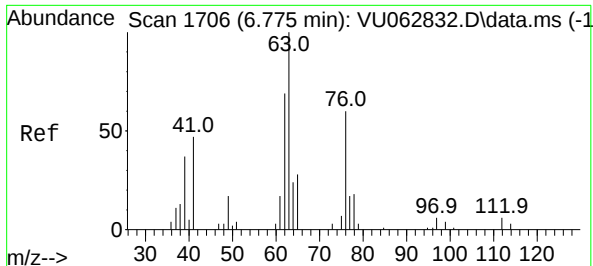
Ion Ratio Lower Upper

83 100

55 0.0 57.2 85.8#

98 4.7 36.6 55.0#

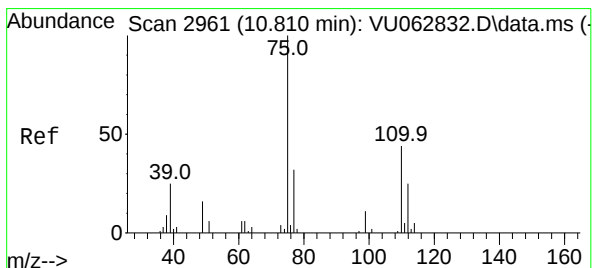
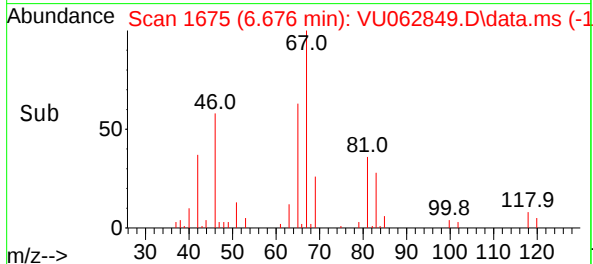
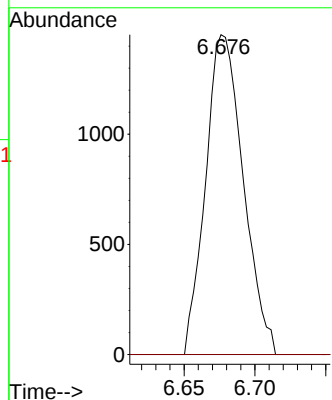
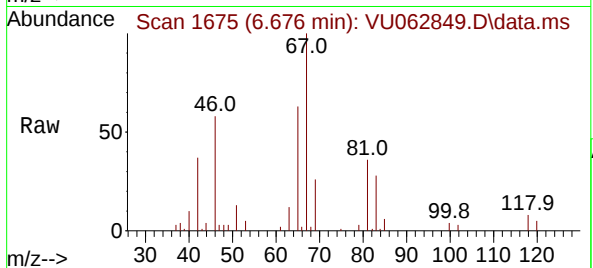




#37
1,2-Dichloropropane
Concen: 0.439 ug/L
RT: 6.676 min Scan# 1
Delta R.T. -0.099 min
Lab File: VU062849.D
Acq: 17 Jan 2025 03:34

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 2690
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#



#61
1,2,3-Trichloropropane
Concen: 1.007 ug/L
RT: 11.801 min Scan# 3269
Delta R.T. 0.991 min
Lab File: VU062849.D
Acq: 17 Jan 2025 03:34

Tgt Ion: 75 Resp: 3859
Ion Ratio Lower Upper
75 100
110 1.1 33.2 49.8#
77 40.9 25.9 38.9#

