

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011625\
 Data File : VU062846.D
 Acq On : 17 Jan 2025 02:20
 Operator : MD/SY
 Sample : Q1071-10DL 10X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 17 03:05:55 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)

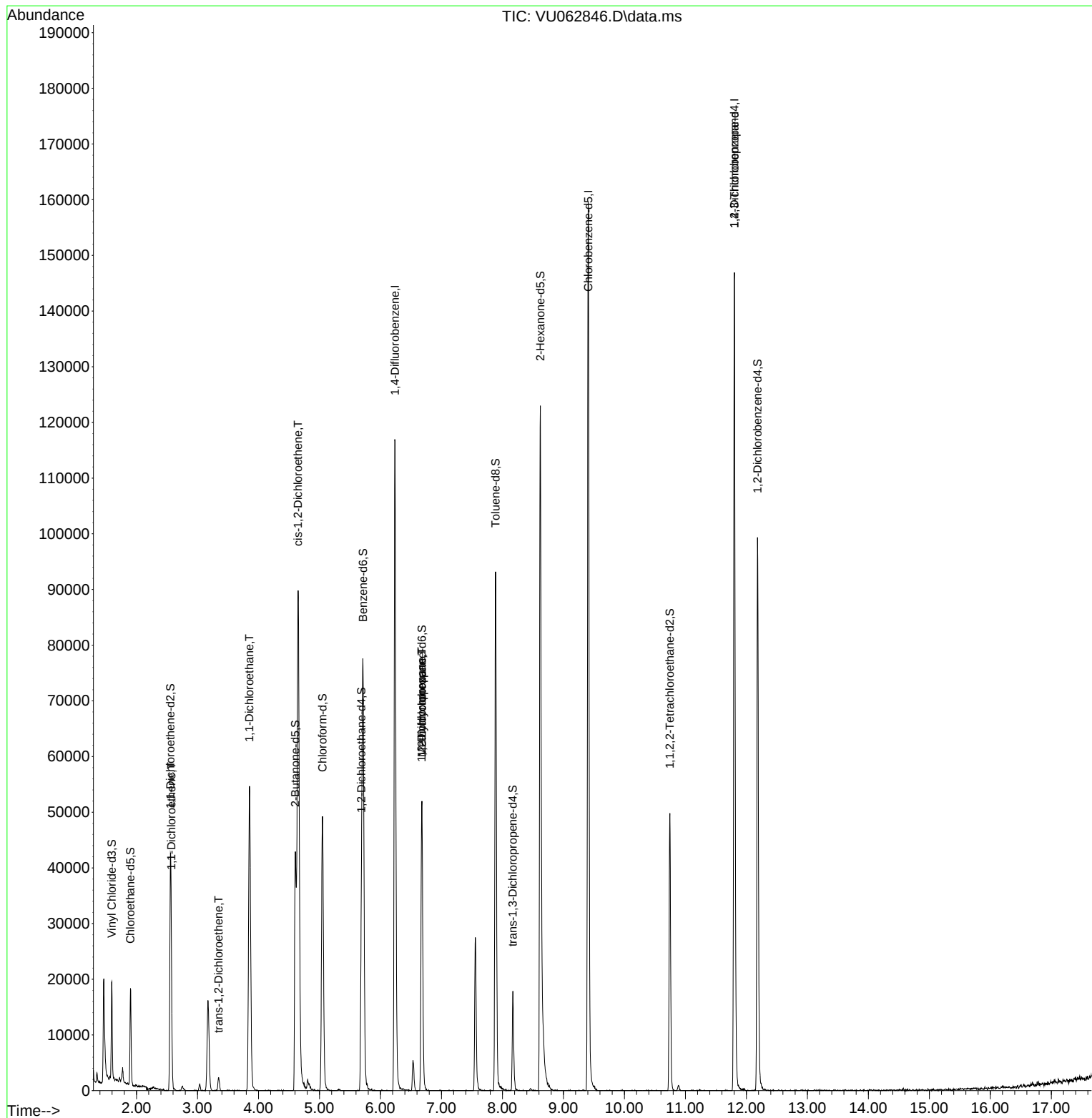
Internal Standards						
1) 1,4-Difluorobenzene	6.235	114	97922	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	91546	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	42357	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	10825	1.996	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	40.000%
7) Chloroethane-d5	1.901	69	12505	2.866	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	57.400%#
11) 1,1-Dichloroethene-d2	2.557	65	6754	2.404	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	48.000%#
20) 2-Butanone-d5	4.605	46	56781	51.227	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.460%
24) Chloroform-d	5.049	84	49132	3.682	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.600%
26) 1,2-Dichloroethane-d4	5.689	65	29070	4.017	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.400%
32) Benzene-d6	5.714	84	72699	3.249	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	65.000%#
36) 1,2-Dichloropropane-d6	6.679	67	22733	3.664	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	73.200%
41) Toluene-d8	7.888	98	65212	2.991	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	59.800%#
43) trans-1,3-Dichloroprop...	8.171	79	11048	3.572	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.400%
46) 2-Hexanone-d5	8.621	63	43569	44.791	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.580%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	23207	4.466	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.400%
66) 1,2-Dichlorobenzene-d4	12.183	152	28472	4.040	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.800%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.570	96	4903	0.807	ug/L #	53
18) trans-1,2-Dichloroethene	3.348	96	1121	0.172	ug/L	87
19) 1,1-Dichloroethane	3.853	63	60831	5.224	ug/L	97
22) cis-1,2-Dichloroethene	4.650	96	47436	6.689	ug/L	97
35) Methylcyclohexane	6.679	83	6583	0.595	ug/L #	21
37) 1,2-Dichloropropane	6.676	63	3351	0.540	ug/L #	85
61) 1,2,3-Trichloropropane	11.804	75	4138	1.101	ug/L #	61

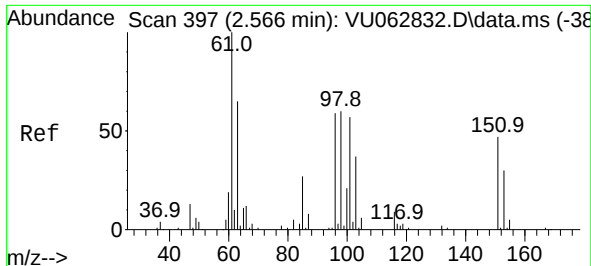
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.807 ug/L

RT: 2.570 min Scan# 30

Delta R.T. 0.003 min

Lab File: VU062846.D

Acq: 17 Jan 2025 02:20

Instrument :

MSVOA_U

ClientSampleId :

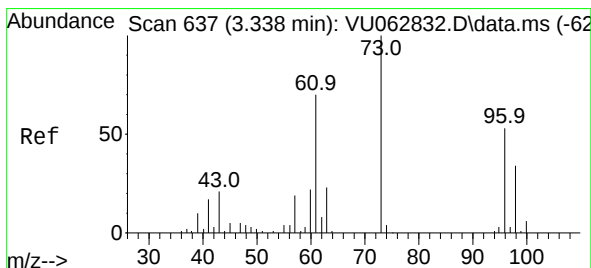
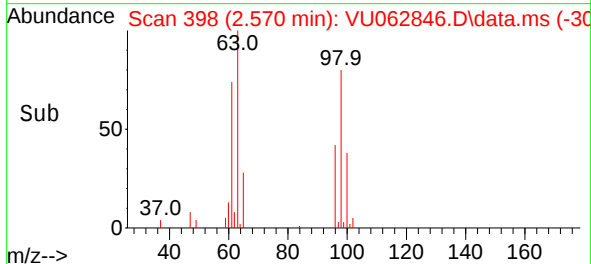
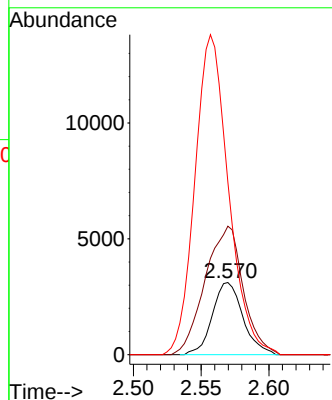
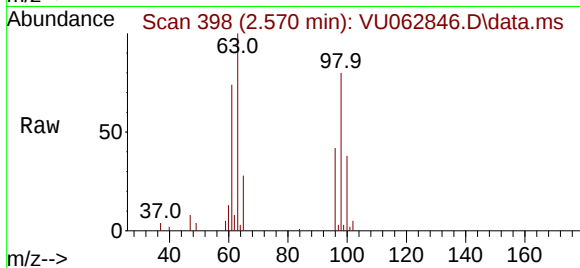
Tgt Ion: 96 Resp: 4903

Ion Ratio Lower Upper

96 100

61 177.9 120.4 223.6

63 239.0 82.3 152.9#



#18

trans-1,2-Dichloroethene

Concen: 0.172 ug/L

RT: 3.348 min Scan# 640

Delta R.T. 0.010 min

Lab File: VU062846.D

Acq: 17 Jan 2025 02:20

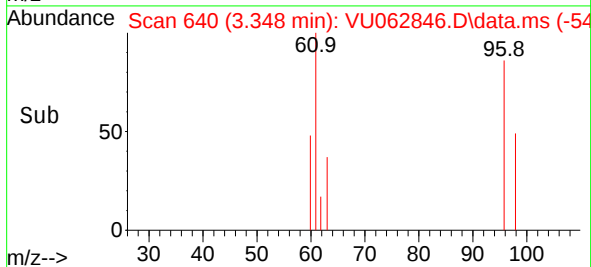
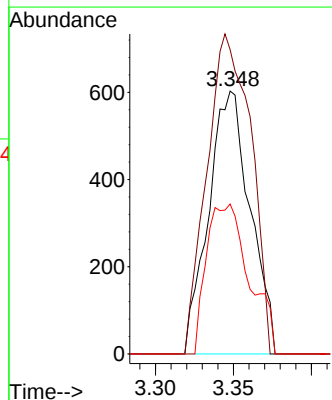
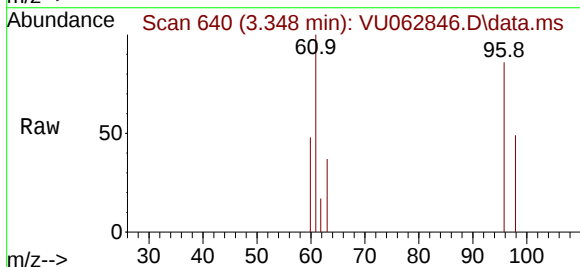
Tgt Ion: 96 Resp: 1121

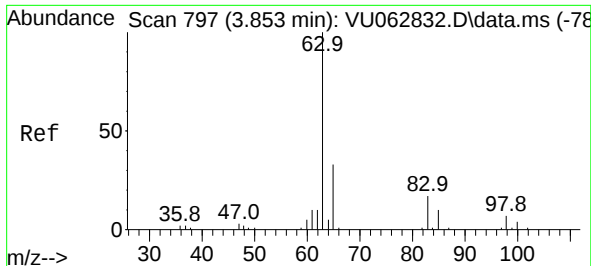
Ion Ratio Lower Upper

96 100

61 115.8 94.4 175.2

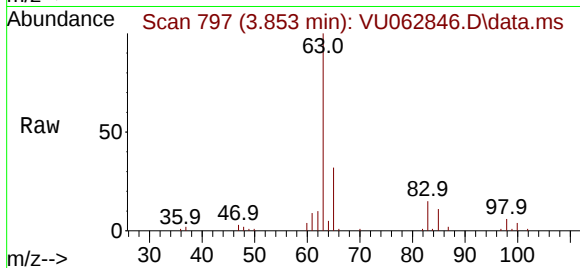
98 57.0 42.8 79.4



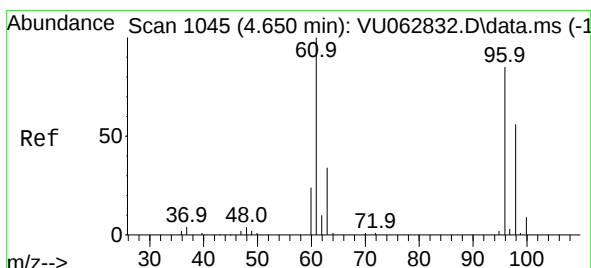
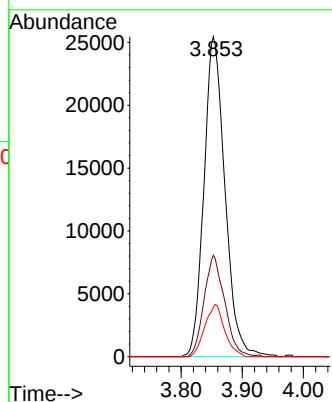
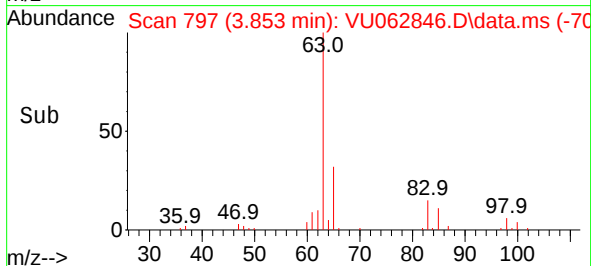


#19
1,1-Dichloroethane
Concen: 5.224 ug/L
RT: 3.853 min Scan# 797
Delta R.T. 0.000 min
Lab File: VU062846.D
Acq: 17 Jan 2025 02:20

Instrument :
MSVOA_U
ClientSampleId :

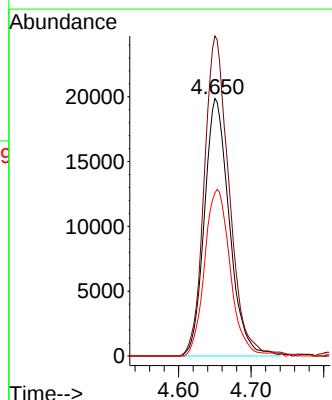
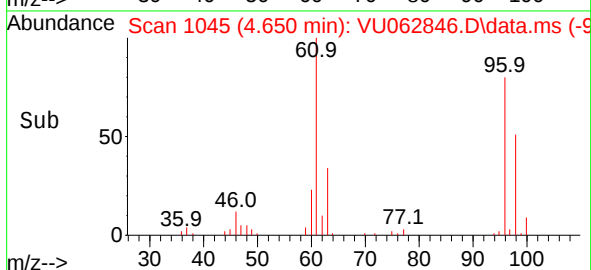
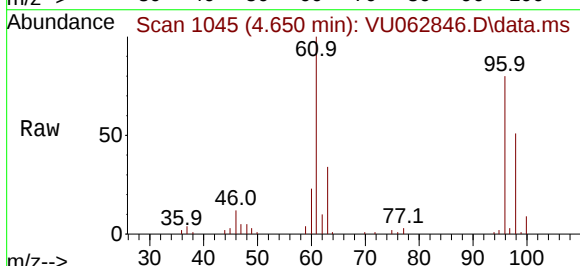


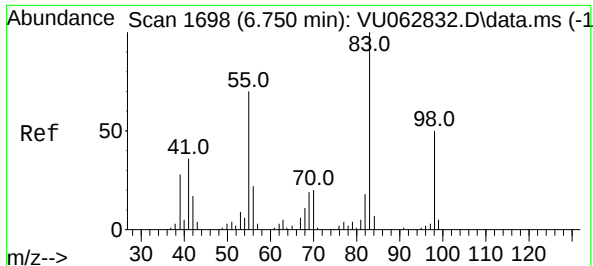
Tgt Ion:	63	Resp:	60831
Ion Ratio	Lower	Upper	
63	100		
65	31.7	20.7	38.5
83	15.4	10.5	19.5



#22
cis-1,2-Dichloroethene
Concen: 6.689 ug/L
RT: 4.650 min Scan# 1045
Delta R.T. 0.000 min
Lab File: VU062846.D
Acq: 17 Jan 2025 02:20

Tgt Ion:	96	Resp:	47436
Ion Ratio	Lower	Upper	
96	100		
61	124.3	84.8	157.6
98	63.3	43.1	80.1

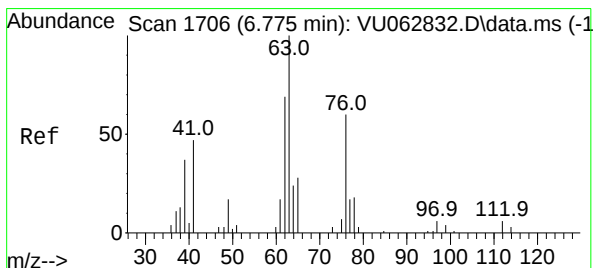
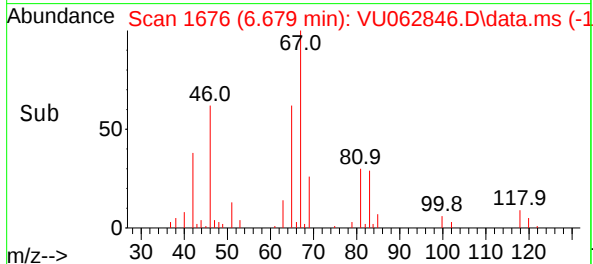
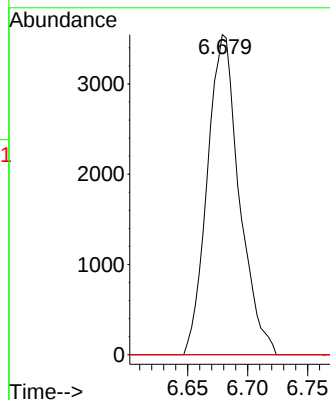
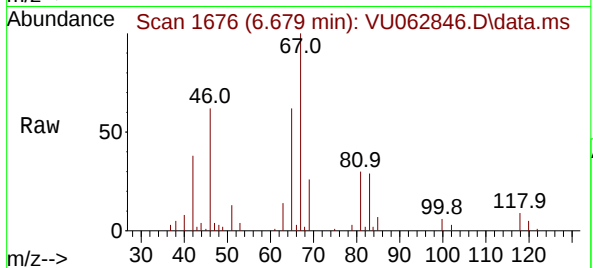




#35
Methylcyclohexane
Concen: 0.595 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.071 min
Lab File: VU062846.D
Acq: 17 Jan 2025 02:20

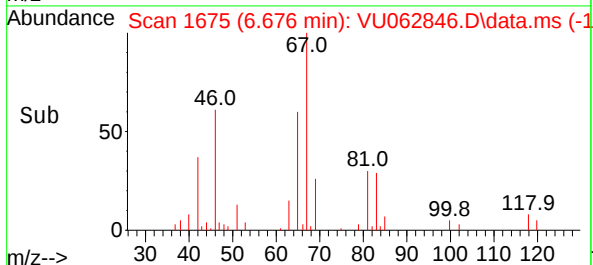
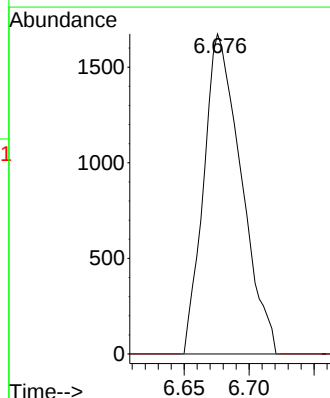
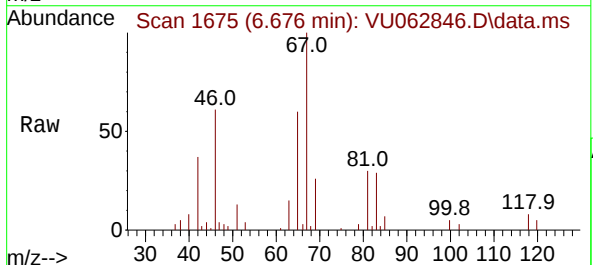
Instrument :
MSVOA_U
ClientSampleId :

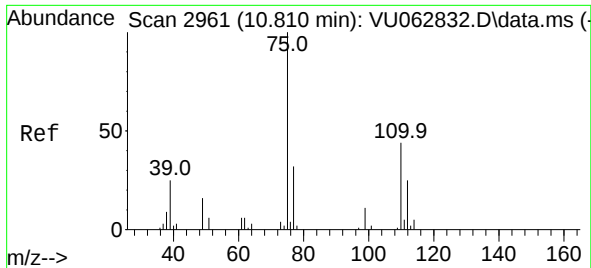
Tgt Ion: 83 Resp: 6583
Ion Ratio Lower Upper
83 100
55 0.0 57.2 85.8#
98 1.1 36.6 55.0#



#37
1,2-Dichloropropane
Concen: 0.540 ug/L
RT: 6.676 min Scan# 1675
Delta R.T. -0.100 min
Lab File: VU062846.D
Acq: 17 Jan 2025 02:20

Tgt Ion: 63 Resp: 3351
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#





#61

1,2,3-Trichloropropane

Concen: 1.101 ug/L

RT: 11.804 min Scan# 31

Delta R.T. 0.994 min

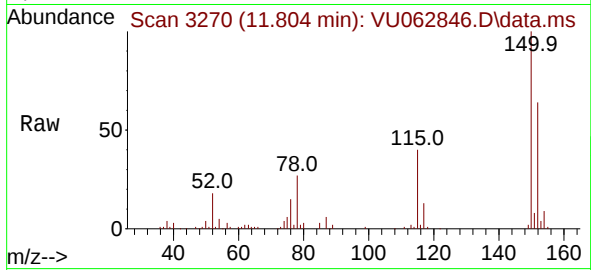
Lab File: VU062846.D

Acq: 17 Jan 2025 02:20

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 75	Resp:	4138
Ion	Ratio	Lower Upper
75	100	
110	0.0	33.2 49.8#
77	35.5	25.9 38.9

