

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121124\
 Data File : VU062270.D
 Acq On : 12 Dec 2024 04:26
 Operator : MD/SY
 Sample : P5251-18
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 12 05:59:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 12 01:45:00 2024
 Response via : Initial Calibration

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

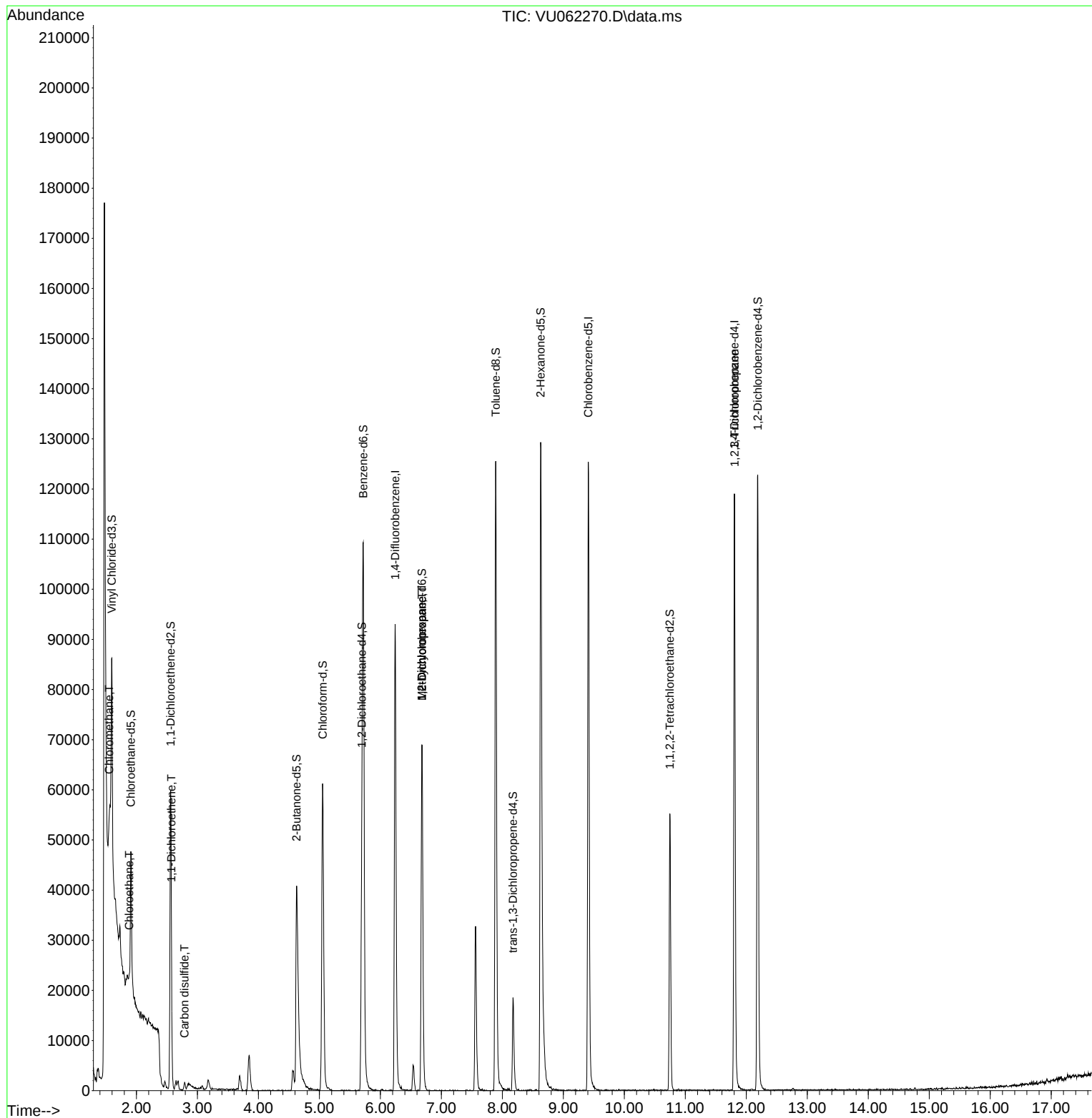
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	78979	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	74962	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	33740	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	22016	4.133	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.600%
7) Chloroethane-d5	1.908	69	18996	5.013	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.200%
11) 1,1-Dichloroethene-d2	2.560	65	10949	4.320	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.400%
20) 2-Butanone-d5	4.624	46	63380	62.079	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.160%
24) Chloroform-d	5.052	84	61528	5.337	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.800%
26) 1,2-Dichloroethane-d4	5.695	65	33718	5.947	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	119.000%
32) Benzene-d6	5.718	84	104868	4.857	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
36) 1,2-Dichloropropane-d6	6.679	67	32941	5.332	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.600%
41) Toluene-d8	7.891	98	91564	4.489	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.800%
43) trans-1,3-Dichloroprop...	8.174	79	12767	4.695	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.000%
46) 2-Hexanone-d5	8.627	63	47777	58.241	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.480%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	27029	5.623	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	35209	5.663	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.551	50	783	0.135	ug/L #	42
8) Chloroethane	1.879	64	831	0.246	ug/L #	50
12) 1,1-Dichloroethene	2.573	96	1798	0.337	ug/L #	1
14) Carbon disulfide	2.788	76	1899	0.113	ug/L	100
35) Methylcyclohexane	6.679	83	8572	0.879	ug/L #	19
37) 1,2-Dichloropropane	6.679	63	3690	0.652	ug/L #	87
61) 1,2,3-Trichloropropane	11.807	75	3595	1.152	ug/L #	66

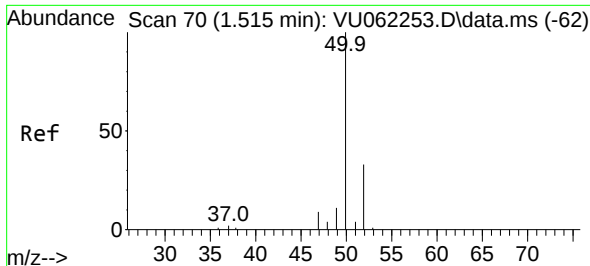
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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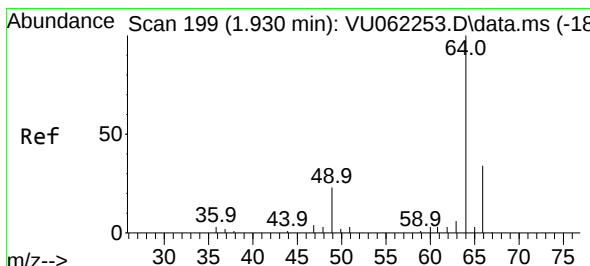
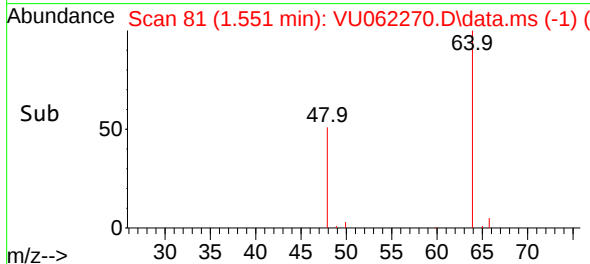
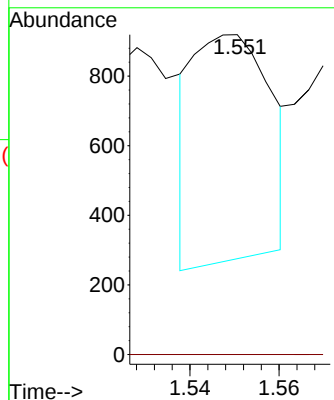
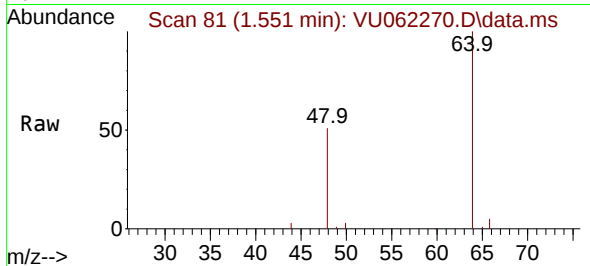




#3
Chloromethane
Concen: 0.135 ug/L
RT: 1.551 min Scan# 81
Delta R.T. 0.035 min
Lab File: VU062270.D
Acq: 12 Dec 2024 04:26

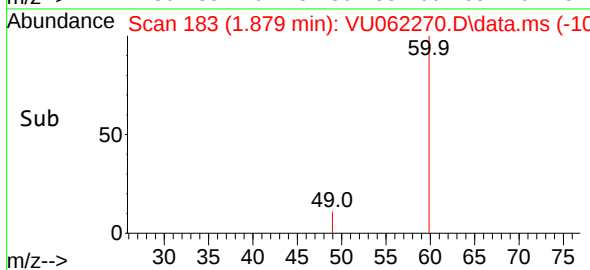
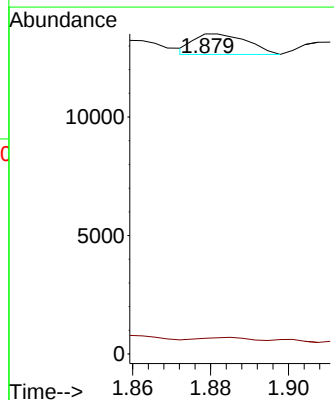
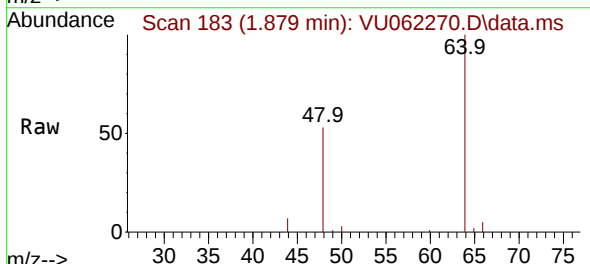
Instrument :
MSVOA_U
ClientSampleId :

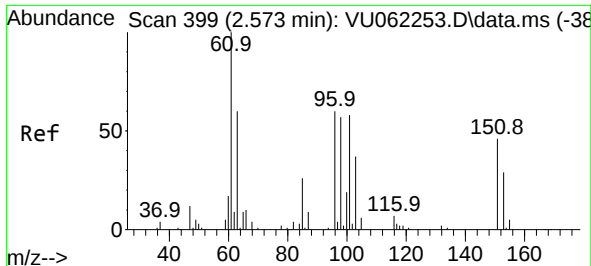
Tgt Ion: 50 Resp: 783
Ion Ratio Lower Upper
50 100
52 0.0 23.1 42.9#



#8
Chloroethane
Concen: 0.246 ug/L
RT: 1.879 min Scan# 183
Delta R.T. -0.051 min
Lab File: VU062270.D
Acq: 12 Dec 2024 04:26

Tgt Ion: 64 Resp: 831
Ion Ratio Lower Upper
64 100
66 4.9 23.2 43.2#





#12

1,1-Dichloroethene

Concen: 0.337 ug/L

RT: 2.573 min Scan# 399

Delta R.T. -0.000 min

Lab File: VU062270.D

Acq: 12 Dec 2024 04:26

Instrument :

MSVOA_U

ClientSampleId :

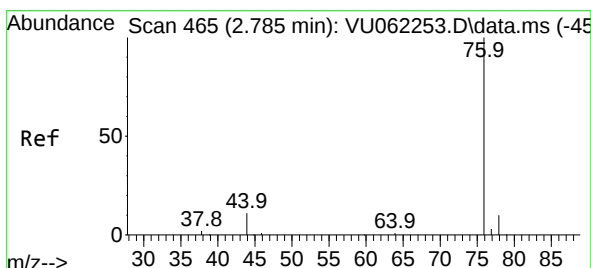
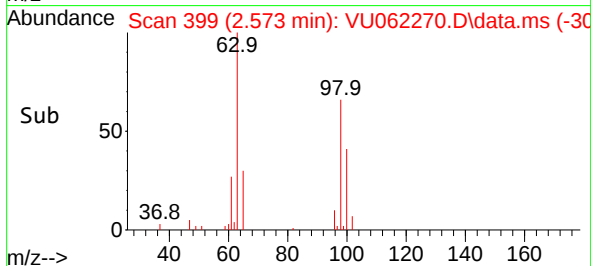
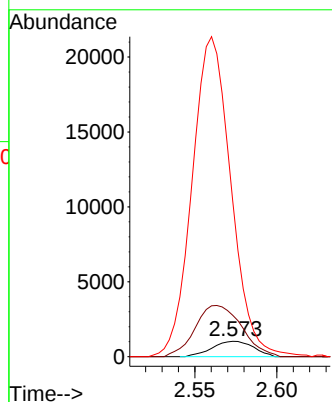
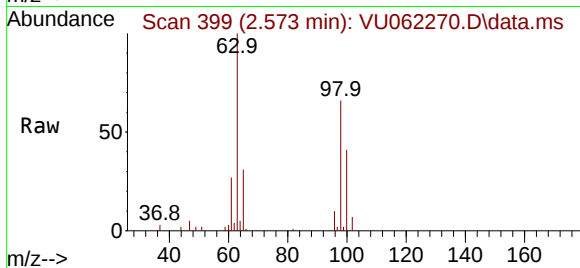
Tgt Ion: 96 Resp: 1798

Ion Ratio Lower Upper

96 100

61 224.2 119.6 222.2#

63 843.3 65.0 120.6#



#14

Carbon disulfide

Concen: 0.113 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.003 min

Lab File: VU062270.D

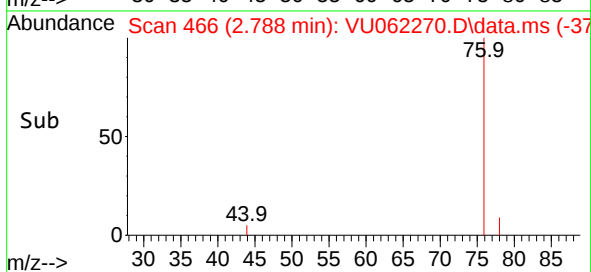
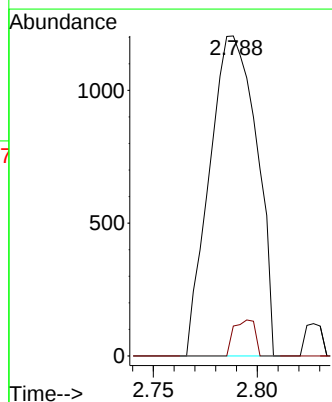
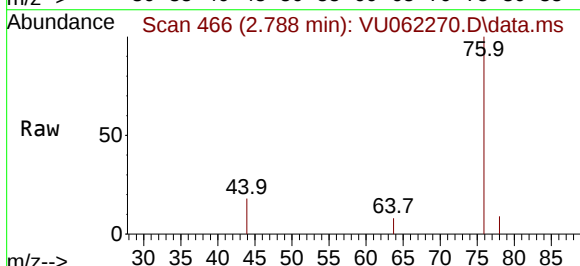
Acq: 12 Dec 2024 04:26

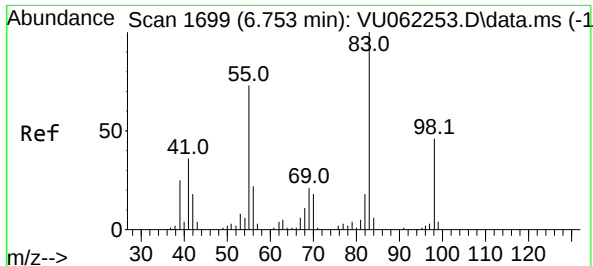
Tgt Ion: 76 Resp: 1899

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3

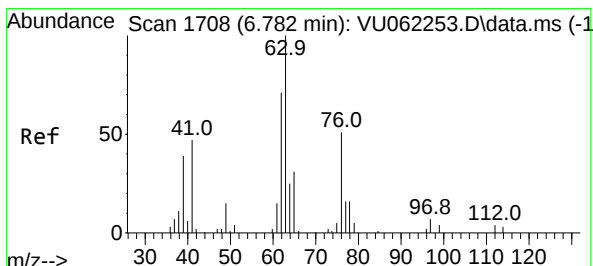
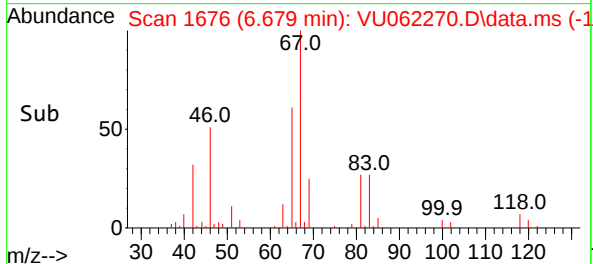
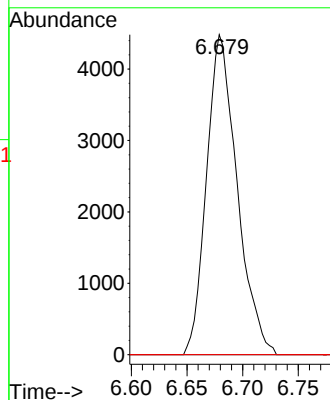
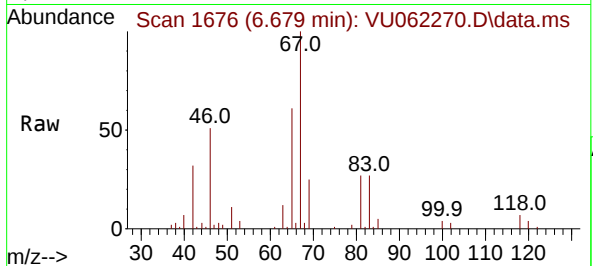




#35
Methylcyclohexane
Concen: 0.879 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.074 min
Lab File: VU062270.D
Acq: 12 Dec 2024 04:26

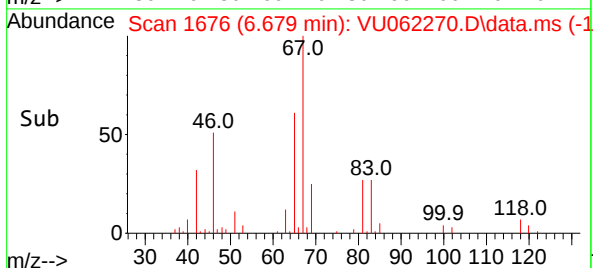
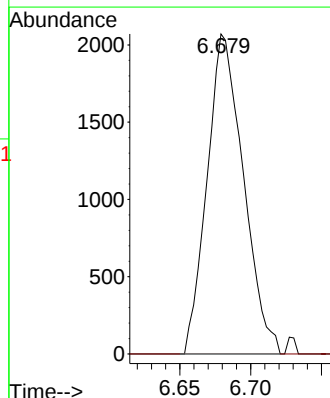
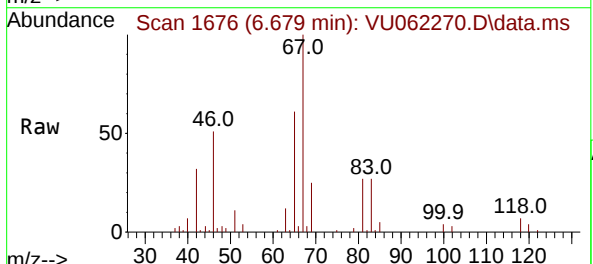
Instrument :
MSVOA_U
ClientSampleId :

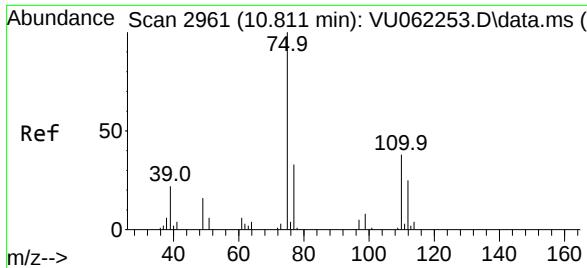
Tgt Ion: 83 Resp: 8572
Ion Ratio Lower Upper
83 100
55 0.0 60.7 91.1#
98 0.7 34.8 52.2#



#37
1,2-Dichloropropane
Concen: 0.652 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.103 min
Lab File: VU062270.D
Acq: 12 Dec 2024 04:26

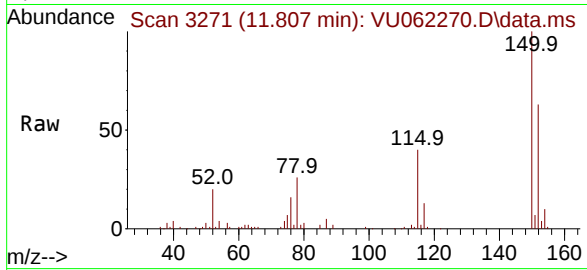
Tgt Ion: 63 Resp: 3690
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#





#61
 1,2,3-Trichloropropane
 Concen: 1.152 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.997 min
 Lab File: VU062270.D
 Acq: 12 Dec 2024 04:26

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 3595
 Ion Ratio Lower Upper
 75 100
 110 1.3 28.9 43.3#
 77 36.8 26.5 39.7

