

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120624\
 Data File : VU062112.D
 Acq On : 05 Dec 2024 20:49
 Operator : MD/SY
 Sample : P5104-14
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 06 02:31:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 06 02:27:00 2024
 Response via : Initial Calibration

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

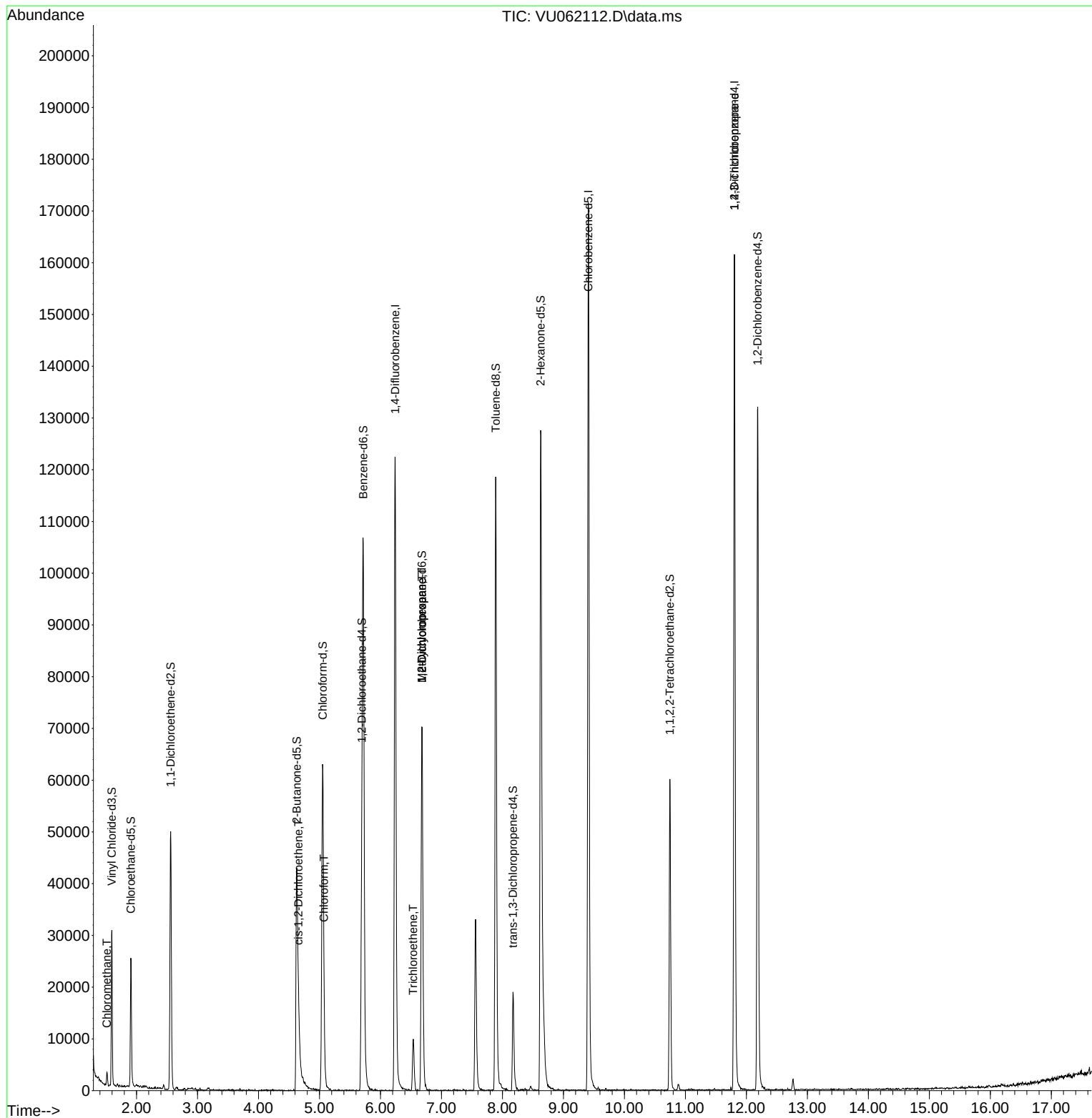
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	103597	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	99201	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	45768	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	20901	4.113	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.200%
7) Chloroethane-d5	1.907	69	17972	3.998	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.000%
11) 1,1-Dichloroethene-d2	2.560	65	9586	4.722	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.400%
20) 2-Butanone-d5	4.628	46	69045	43.268	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.540%
24) Chloroform-d	5.052	84	61690	4.976	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
26) 1,2-Dichloroethane-d4	5.695	65	31674	4.964	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
32) Benzene-d6	5.717	84	101680	5.261	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.200%
36) 1,2-Dichloropropane-d6	6.679	67	34451	5.246	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.000%
41) Toluene-d8	7.891	98	84886	5.266	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.400%
43) trans-1,3-Dichloroprop...	8.174	79	13041	5.364	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	107.200%
46) 2-Hexanone-d5	8.627	63	47530	42.830	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.660%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	30037	4.577	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.600%
66) 1,2-Dichlorobenzene-d4	12.183	152	37597	5.555	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.200%
Target Compounds						Qvalue
3) Chloromethane	1.515	50	1789	0.191	ug/L	95
22) cis-1,2-Dichloroethene	4.656	96	1036	0.125	ug/L	85
25) Chloroform	5.074	83	2547	0.170	ug/L	84
34) Trichloroethene	6.537	95	3967	0.496	ug/L	90
35) Methylcyclohexane	6.679	83	8715	0.713	ug/L #	21
37) 1,2-Dichloropropane	6.679	63	3909	0.502	ug/L #	87
61) 1,2,3-Trichloropropane	11.804	75	5177	0.978	ug/L #	68

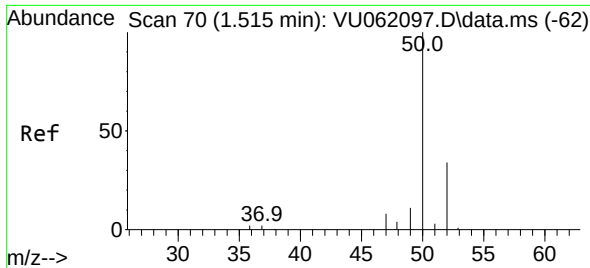
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Dec 06 02:27:00 2024
Response via : Initial Calibration

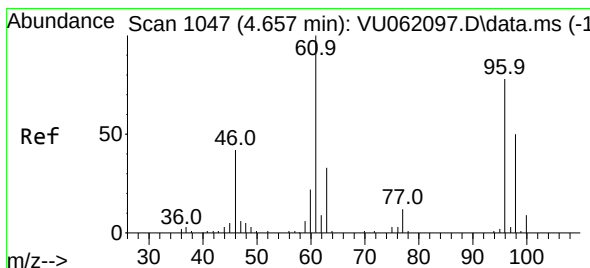
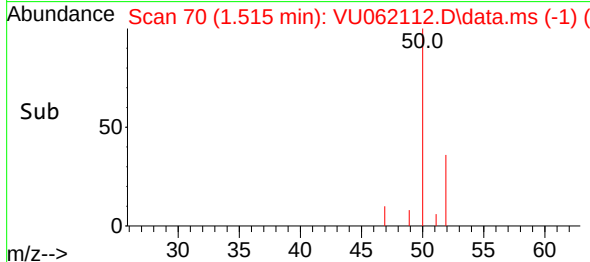
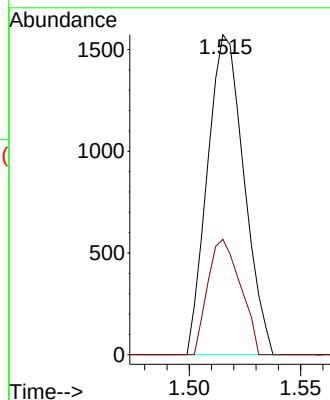
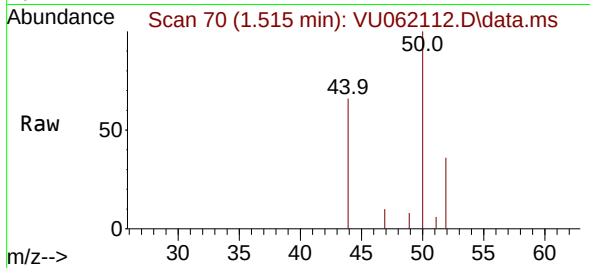




#3
Chloromethane
Concen: 0.191 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU062112.D
Acq: 05 Dec 2024 20:49

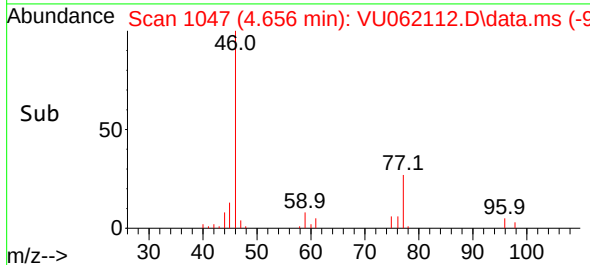
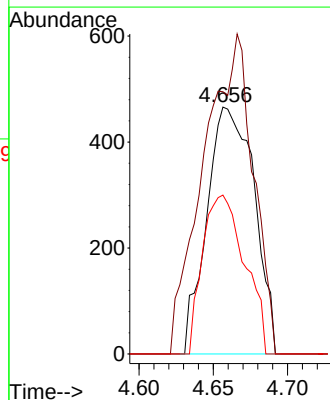
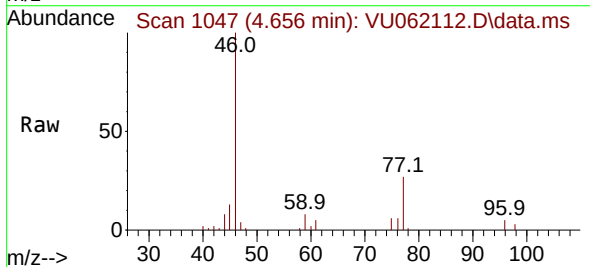
Instrument : MSVOA_U
ClientSampleId :

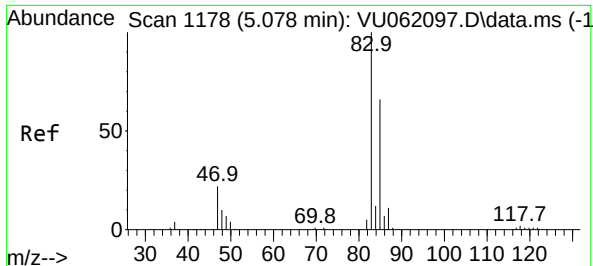
Tgt Ion: 50 Resp: 1789
Ion Ratio Lower Upper
50 100
52 36.0 23.1 42.9



#22
cis-1,2-Dichloroethene
Concen: 0.125 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. -0.000 min
Lab File: VU062112.D
Acq: 05 Dec 2024 20:49

Tgt Ion: 96 Resp: 1036
Ion Ratio Lower Upper
96 100
61 106.2 92.0 170.8
98 64.4 44.5 82.7





#25

Chloroform

Concen: 0.170 ug/L

RT: 5.074 min Scan# 1178

Delta R.T. -0.003 min

Lab File: VU062112.D

Acq: 05 Dec 2024 20:49

Instrument :

MSVOA_U

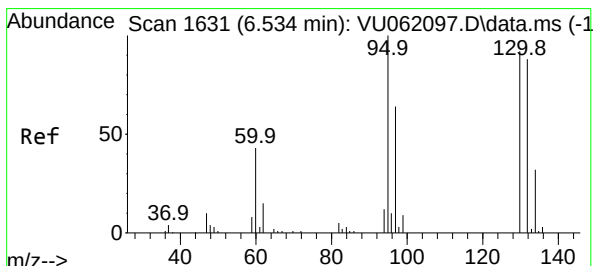
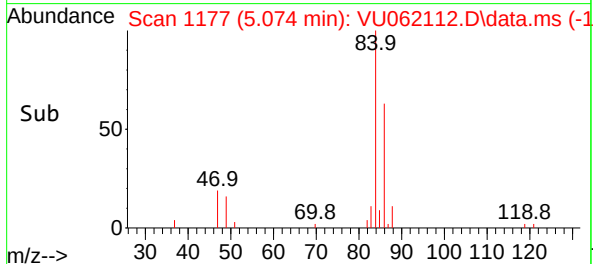
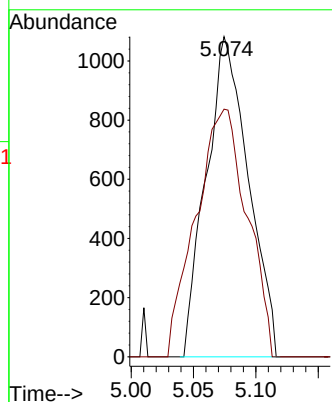
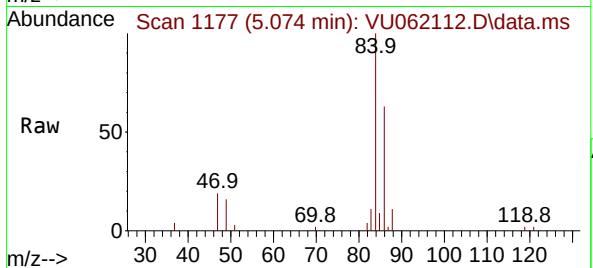
ClientSampleId :

Tgt Ion: 83 Resp: 2547

Ion Ratio Lower Upper

83 100

85 77.4 45.4 84.2



#34

Trichloroethene

Concen: 0.496 ug/L

RT: 6.537 min Scan# 1632

Delta R.T. 0.003 min

Lab File: VU062112.D

Acq: 05 Dec 2024 20:49

Tgt Ion: 95 Resp: 3967

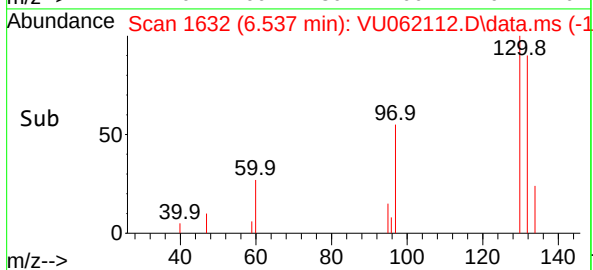
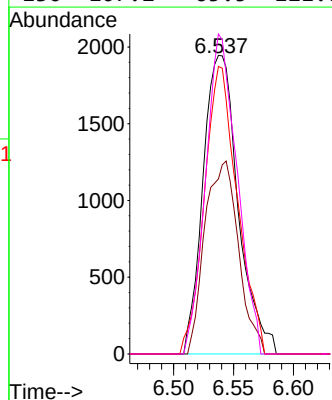
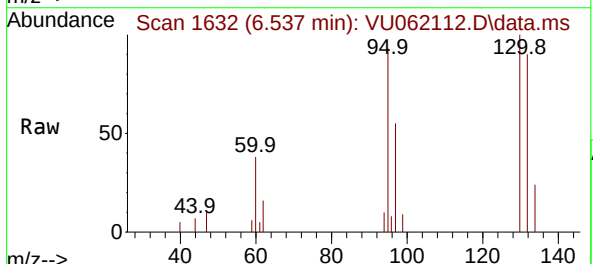
Ion Ratio Lower Upper

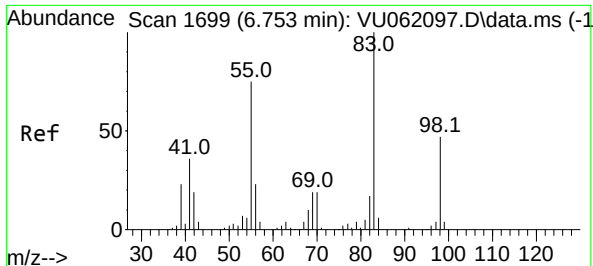
95 100

97 58.6 45.9 85.3

132 96.3 63.8 118.4

130 107.2 65.5 121.7

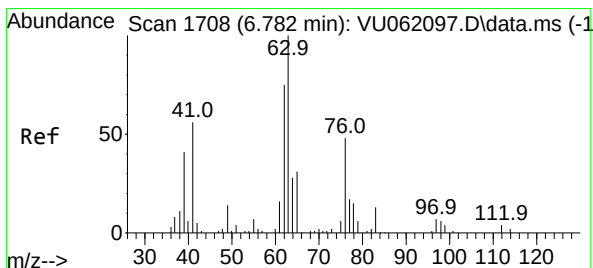
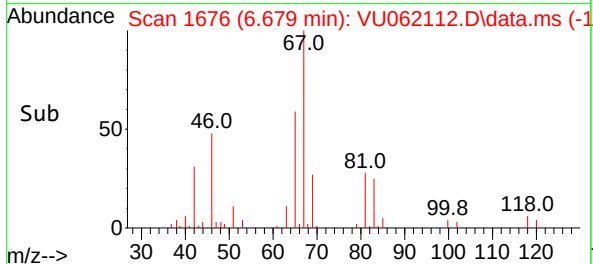
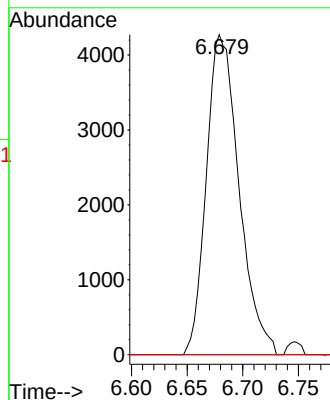
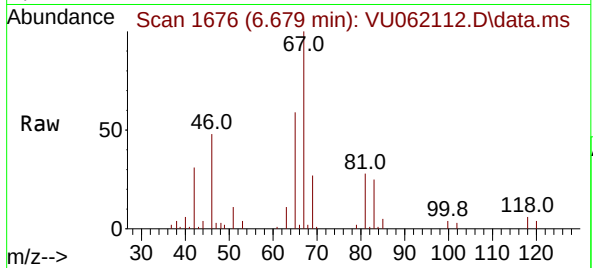




#35
Methylcyclohexane
Concen: 0.713 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.074 min
Lab File: VU062112.D
Acq: 05 Dec 2024 20:49

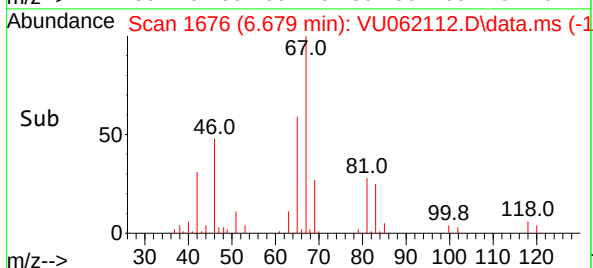
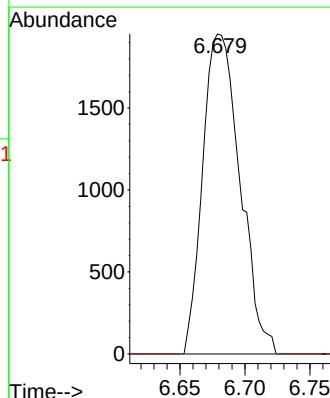
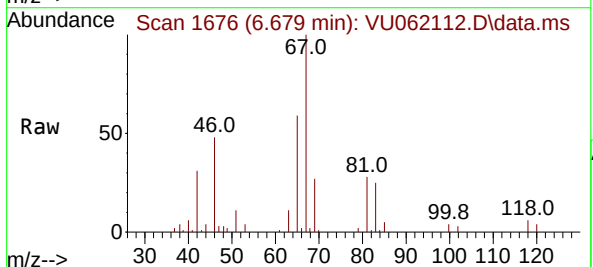
Instrument :
MSVOA_U
ClientSampleId :

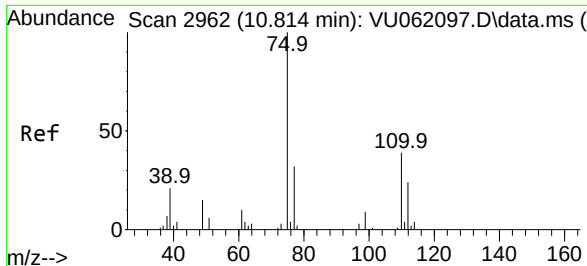
Tgt Ion: 83 Resp: 8715
Ion Ratio Lower Upper
83 100
55 0.0 60.7 91.1#
98 3.2 34.8 52.2#



#37
1,2-Dichloropropane
Concen: 0.502 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.103 min
Lab File: VU062112.D
Acq: 05 Dec 2024 20:49

Tgt Ion: 63 Resp: 3909
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#





#61

1,2,3-Trichloropropane

Concen: 0.978 ug/L

RT: 11.804 min Scan# 31

Delta R.T. 0.990 min

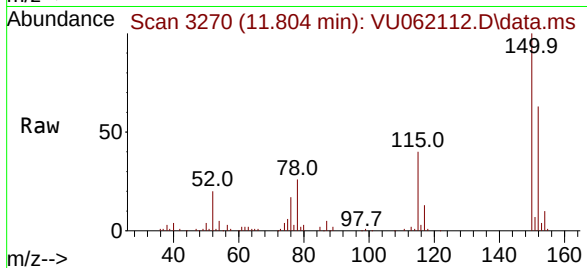
Lab File: VU062112.D

Acq: 05 Dec 2024 20:49

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	75	Resp:	5177
Ion	Ratio	Lower	Upper
75	100		
110	0.4	28.9	43.3#
77	33.5	26.5	39.7

