

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120624\
 Data File : VU062107.D
 Acq On : 05 Dec 2024 18:47
 Operator : MD/SY
 Sample : P5104-09
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 06 02:30:15 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)

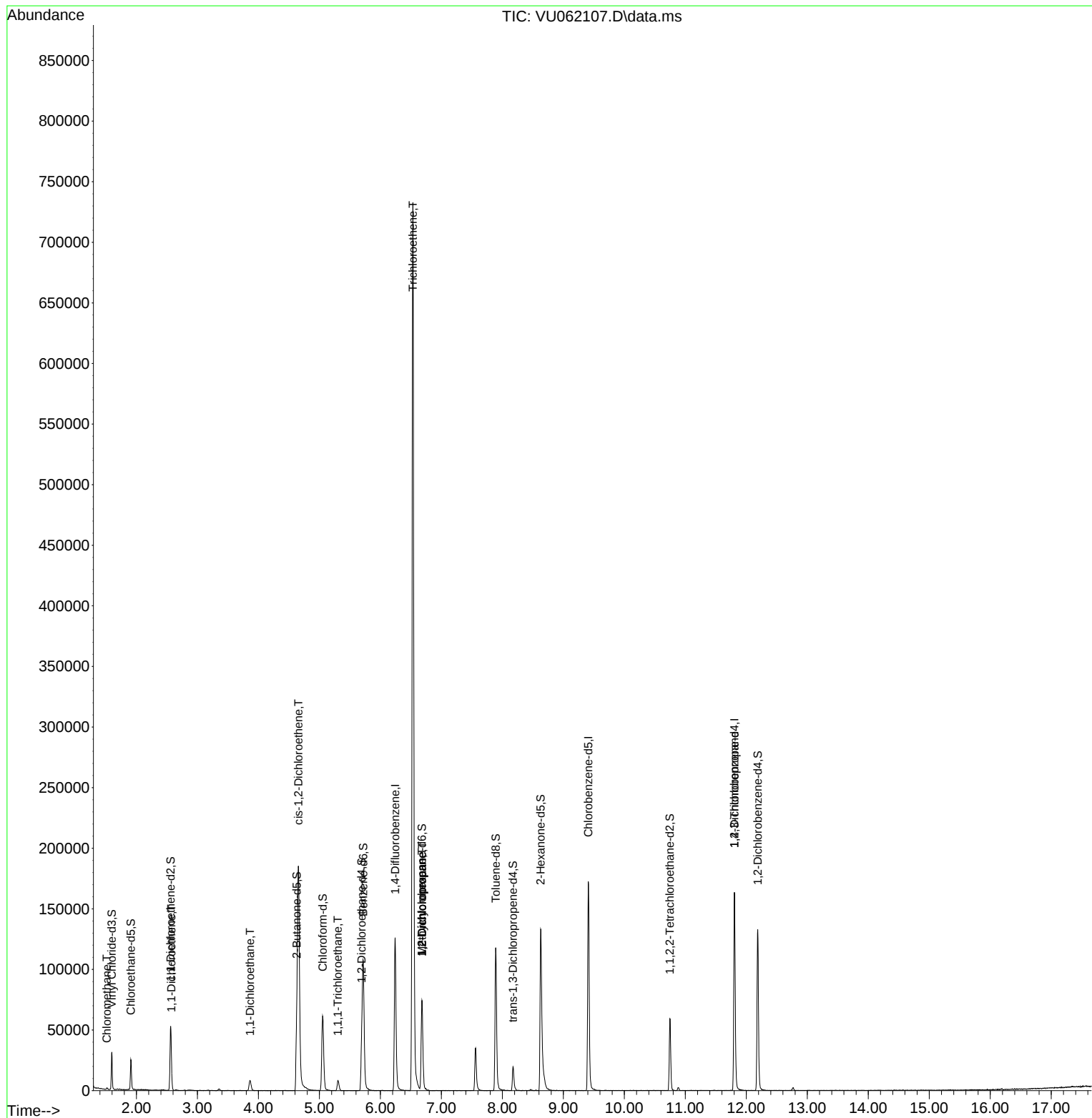
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	107135	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	100644	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	46763	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	20734	3.945	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.000%
7) Chloroethane-d5	1.907	69	18111	3.896	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.000%
11) 1,1-Dichloroethene-d2	2.560	65	10066	4.794	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.800%
20) 2-Butanone-d5	4.628	46	71960	43.606	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.220%
24) Chloroform-d	5.052	84	62464	4.872	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
26) 1,2-Dichloroethane-d4	5.692	65	33172	5.028	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
32) Benzene-d6	5.718	84	103158	5.261	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.200%
36) 1,2-Dichloropropane-d6	6.679	67	35289	5.296	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.000%
41) Toluene-d8	7.891	98	85553	5.231	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.600%
43) trans-1,3-Dichloroprop...	8.174	79	13781	5.587	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	111.800%
46) 2-Hexanone-d5	8.627	63	48169	42.784	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.560%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	30128	4.525	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	37071	5.361	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.200%
Target Compounds						
3) Chloromethane	1.515	50	1174	0.122	ug/L	99
12) 1,1-Dichloroethene	2.573	96	1357	0.189	ug/L #	1
19) 1,1-Dichloroethane	3.862	63	10543	0.713	ug/L	98
22) cis-1,2-Dichloroethene	4.657	96	95053	11.120	ug/L	97
29) 1,1,1-Trichloroethane	5.303	97	6521	0.562	ug/L	95
34) Trichloroethene	6.531	95	264400	32.594	ug/L	98
35) Methylcyclohexane	6.679	83	9133	0.736	ug/L #	19
37) 1,2-Dichloropropane	6.682	63	3968	0.503	ug/L #	87
61) 1,2,3-Trichloropropane	11.804	75	5332	0.986	ug/L #	68

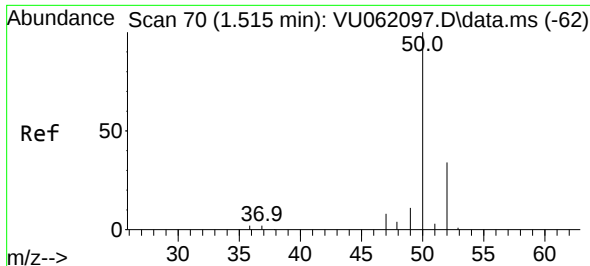
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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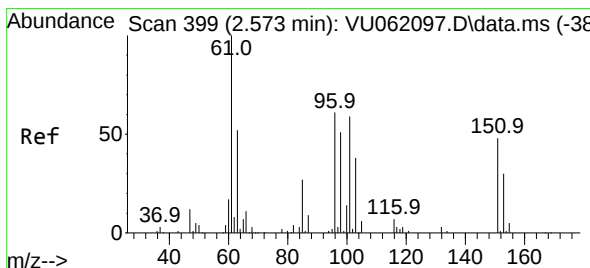
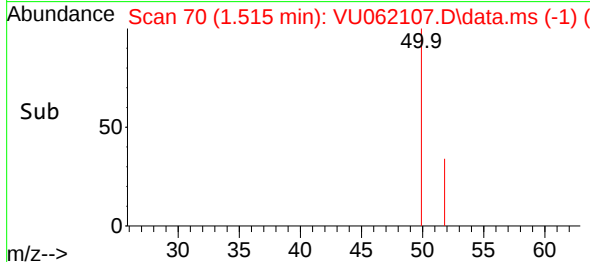
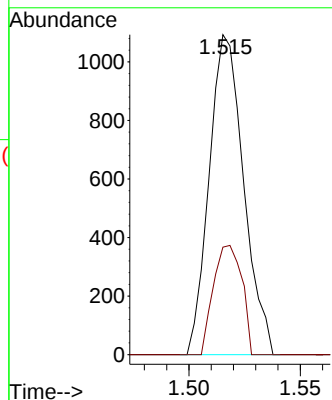
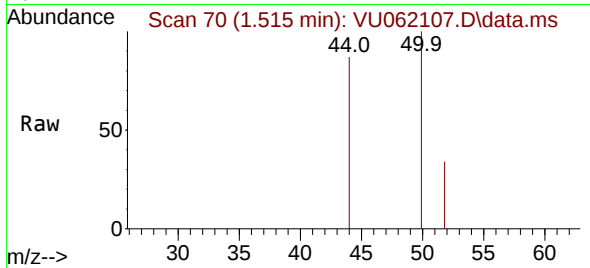




#3
Chloromethane
Concen: 0.122 ug/L
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU062107.D
Acq: 05 Dec 2024 18:47

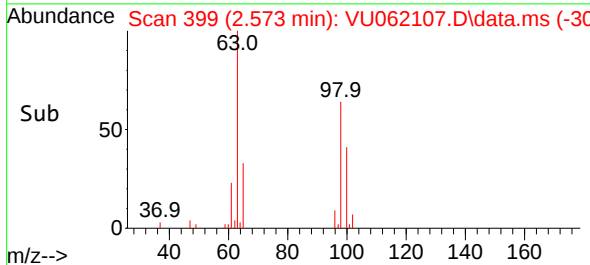
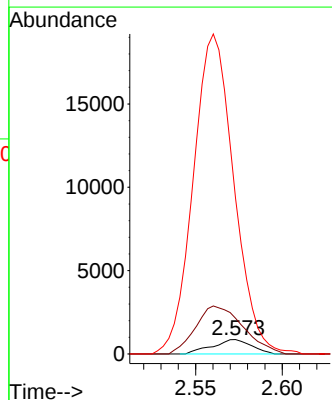
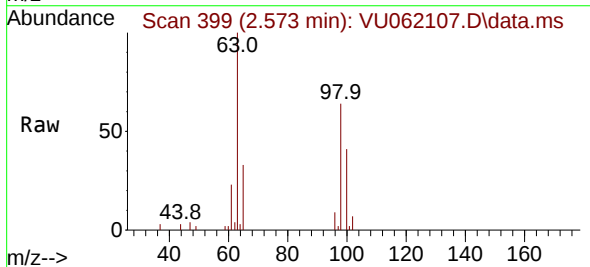
Instrument :
MSVOA_U
ClientSampleId :

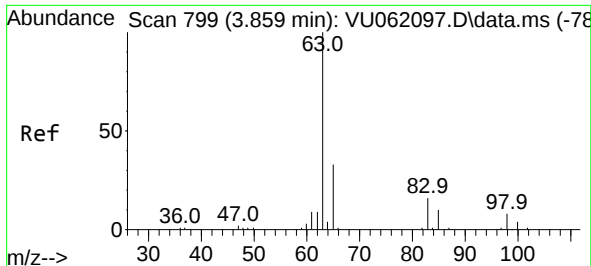
Tgt Ion: 50 Resp: 1174
Ion Ratio Lower Upper
50 100
52 33.6 23.1 42.9



#12
1,1-Dichloroethene
Concen: 0.189 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU062107.D
Acq: 05 Dec 2024 18:47

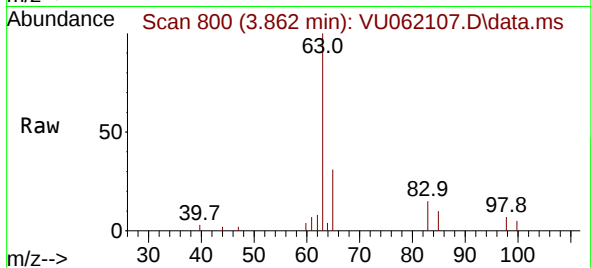
Tgt Ion: 96 Resp: 1357
Ion Ratio Lower Upper
96 100
61 247.7 119.6 222.2#
63 1079.5 65.0 120.6#



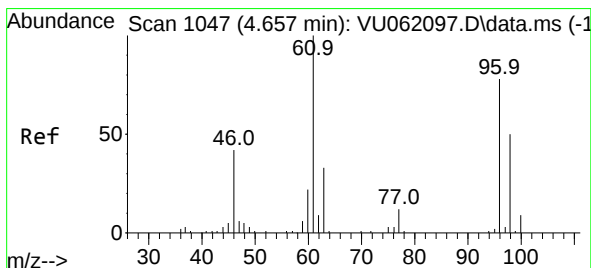
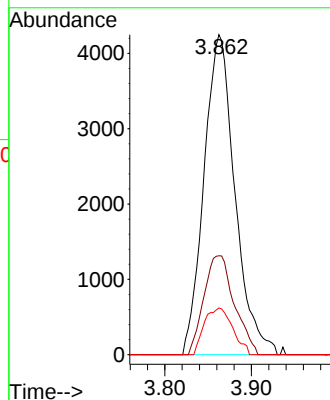
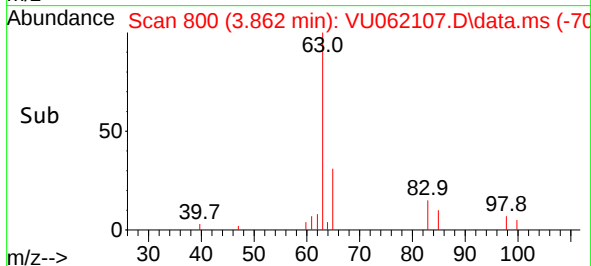


#19
 1,1-Dichloroethane
 Concen: 0.713 ug/L
 RT: 3.862 min Scan# 800
 Delta R.T. 0.003 min
 Lab File: VU062107.D
 Acq: 05 Dec 2024 18:47

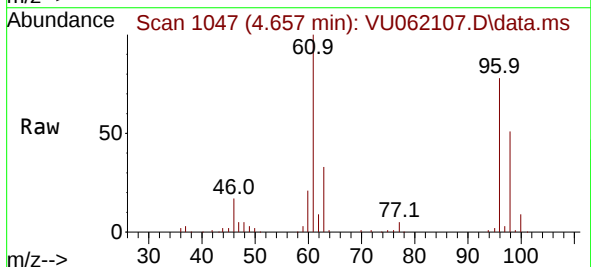
Instrument :
 MSVOA_U
 ClientSampleId :



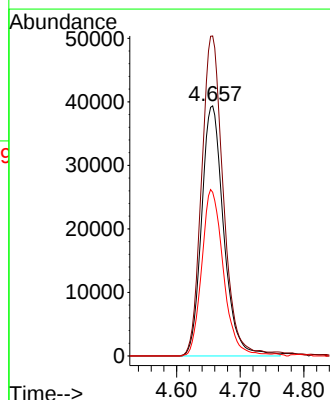
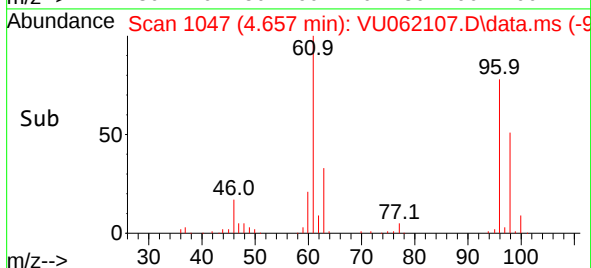
Tgt Ion: 63 Resp: 10543
 Ion Ratio Lower Upper
 63 100
 65 30.9 22.7 42.3
 83 14.6 9.9 18.3

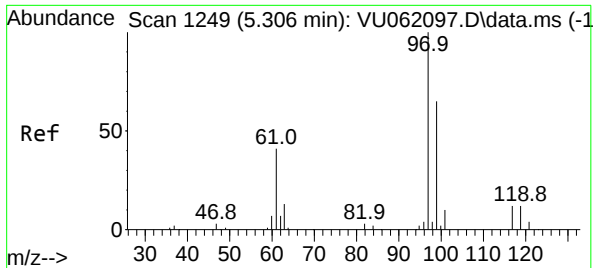


#22
 cis-1,2-Dichloroethene
 Concen: 11.120 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. 0.000 min
 Lab File: VU062107.D
 Acq: 05 Dec 2024 18:47



Tgt Ion: 96 Resp: 95053
 Ion Ratio Lower Upper
 96 100
 61 128.0 92.0 170.8
 98 65.4 44.5 82.7

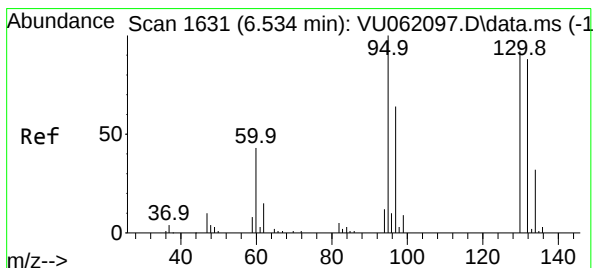
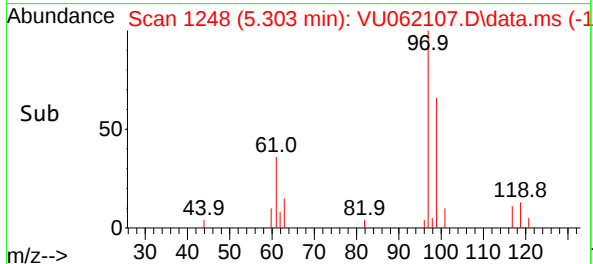
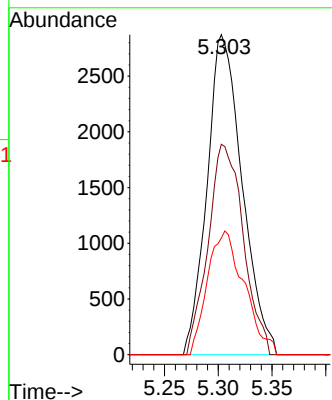
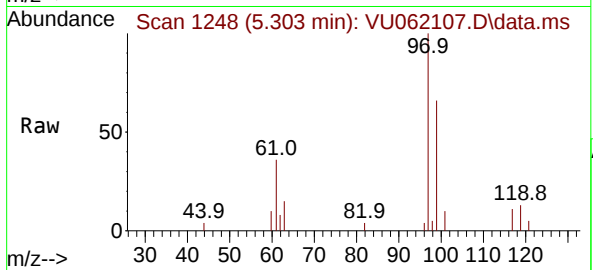




#29
1,1,1-Trichloroethane
Concen: 0.562 ug/L
RT: 5.303 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU062107.D
Acq: 05 Dec 2024 18:47

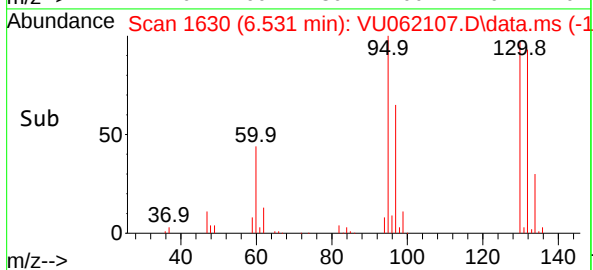
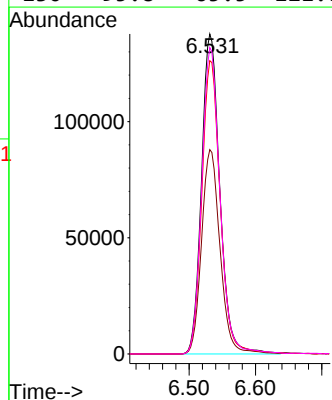
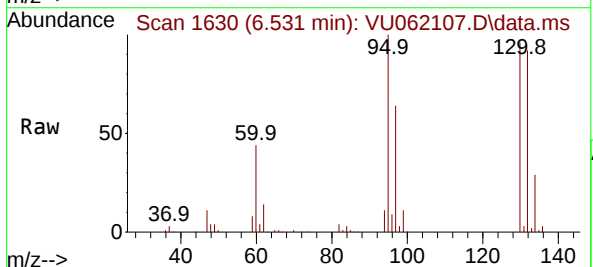
Instrument :
MSVOA_U
ClientSampleId :

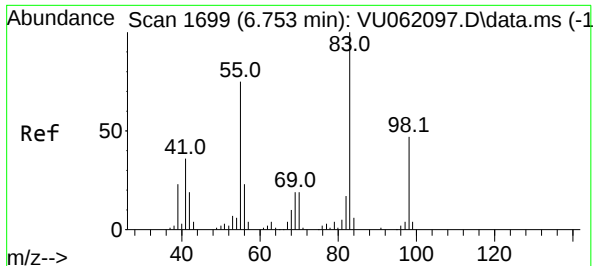
Tgt Ion: 97 Resp: 6521
Ion Ratio Lower Upper
97 100
99 66.0 51.4 77.2
61 40.5 37.8 56.6



#34
Trichloroethene
Concen: 32.594 ug/L
RT: 6.531 min Scan# 1630
Delta R.T. -0.003 min
Lab File: VU062107.D
Acq: 05 Dec 2024 18:47

Tgt Ion: 95 Resp: 264400
Ion Ratio Lower Upper
95 100
97 63.8 45.9 85.3
132 91.7 63.8 118.4
130 95.8 65.5 121.7





#35

Methylcyclohexane

Concen: 0.736 ug/L

RT: 6.679 min Scan# 1676

Delta R.T. -0.074 min

Lab File: VU062107.D

Acq: 05 Dec 2024 18:47

Instrument :

MSVOA_U

ClientSampleId :

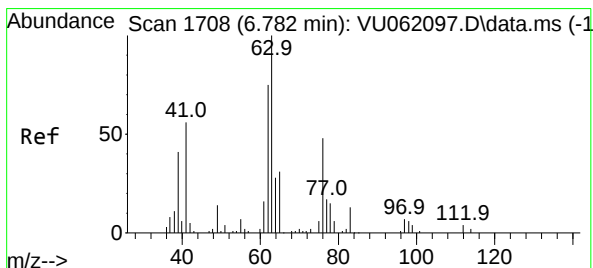
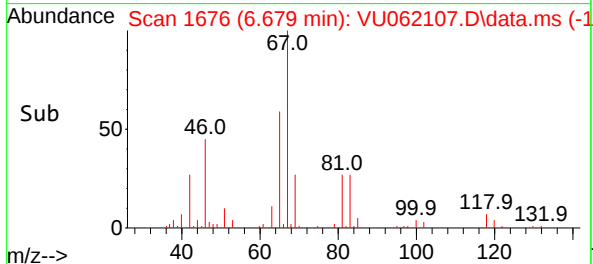
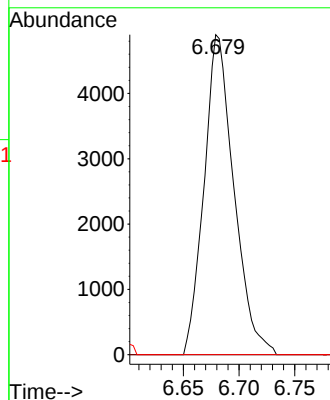
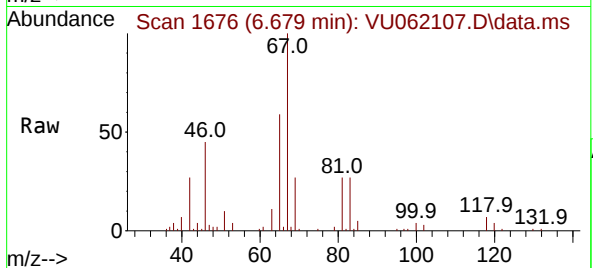
Tgt Ion: 83 Resp: 9133

Ion Ratio Lower Upper

83 100

55 0.0 60.7 91.1#

98 0.0 34.8 52.2#



#37

1,2-Dichloropropane

Concen: 0.503 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.100 min

Lab File: VU062107.D

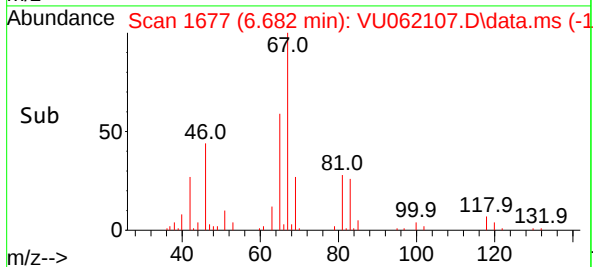
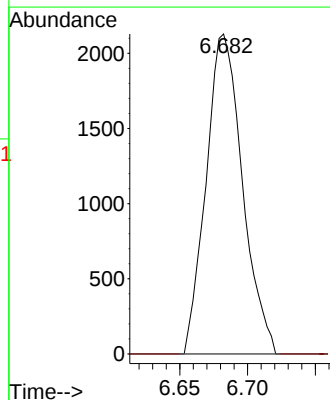
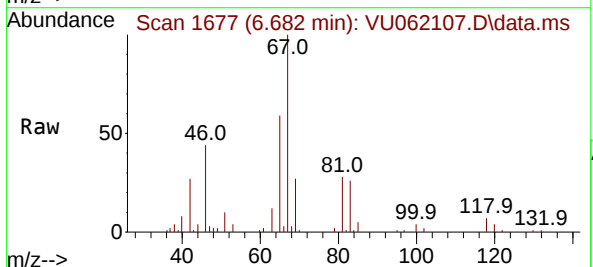
Acq: 05 Dec 2024 18:47

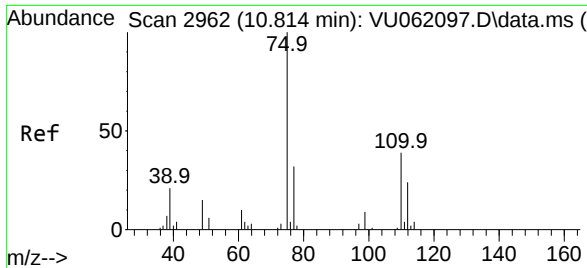
Tgt Ion: 63 Resp: 3968

Ion Ratio Lower Upper

63 100

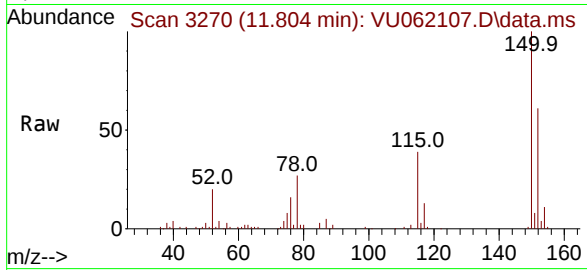
112 0.0 3.4 5.0#





#61
1,2,3-Trichloropropane
Concen: 0.986 ug/L
RT: 11.804 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU062107.D
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MSVOA_U
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Tgt Ion: 75 Resp: 5332
Ion Ratio Lower Upper
75 100
110 0.0 28.9 43.3#
77 33.4 26.5 39.7

