

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121123\
 Data File : VU056767.D
 Acq On : 12 Dec 2023 05:48
 Operator : MD/SY
 Sample : 05675-17
 Misc : 25.2mL/MSVOA_U/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

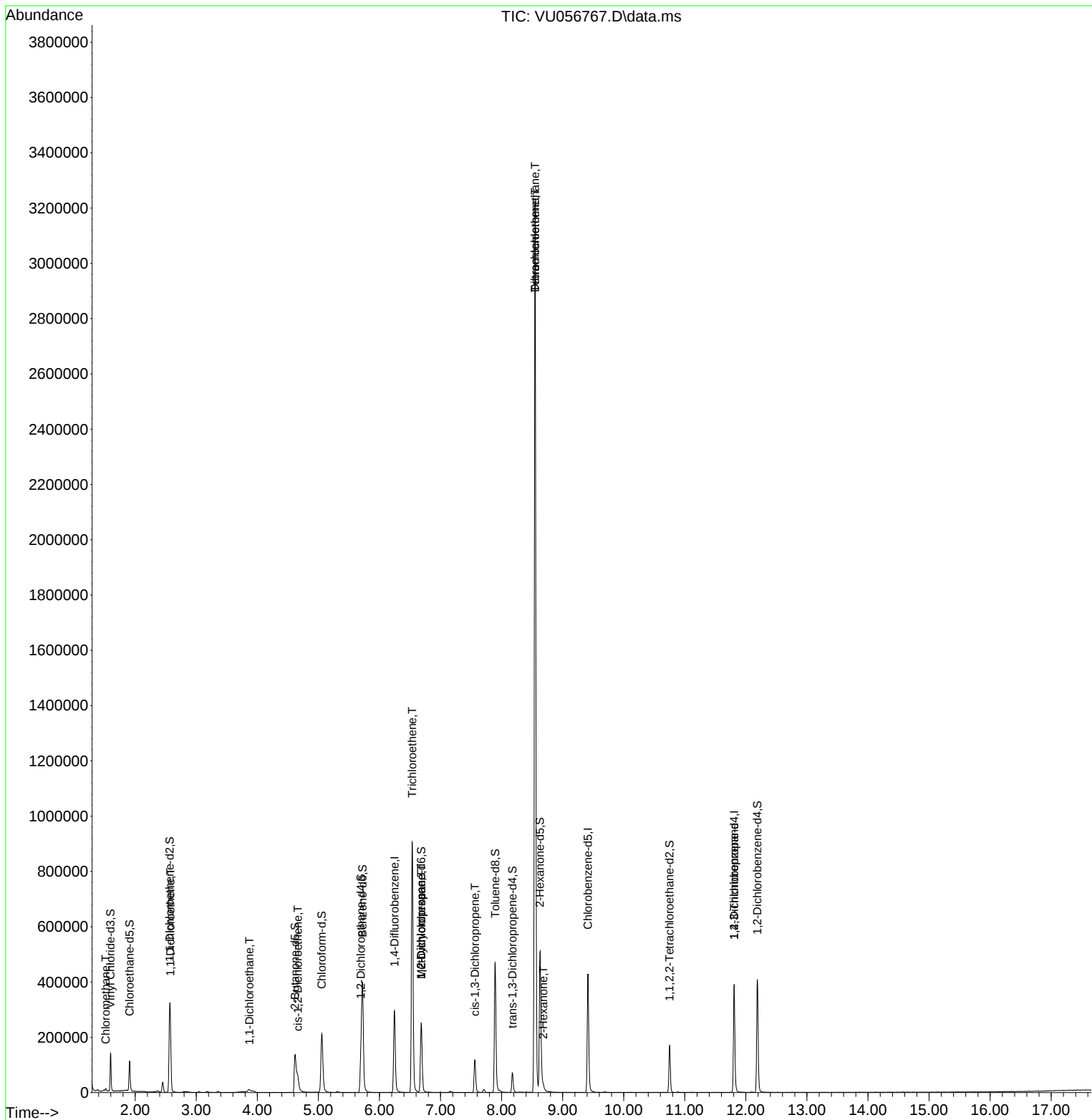
Quant Time: Dec 12 06:35:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 12 02:01:50 2023
 Response via : Initial Calibration

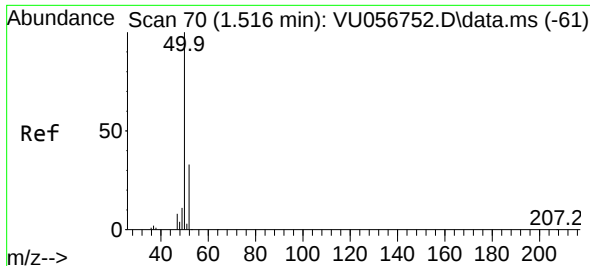
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	243060	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	250183	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	101621	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	99734	4.787	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.800%
7) Chloroethane-d5	1.908	69	83453	5.353	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.000%
11) 1,1-Dichloroethene-d2	2.564	65	44182	4.956	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.200%
20) 2-Butanone-d5	4.618	46	216764	52.683	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.360%
24) Chloroform-d	5.055	84	202270	5.127	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.600%
26) 1,2-Dichloroethane-d4	5.695	65	97972	5.248	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.000%
32) Benzene-d6	5.721	84	384427	4.954	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
36) 1,2-Dichloropropane-d6	6.682	67	125476	5.166	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.400%
41) Toluene-d8	7.895	98	329674	4.753	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
43) trans-1,3-Dichloroprop...	8.178	79	43875	4.658	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.200%
46) 2-Hexanone-d5	8.628	63	175527	49.409	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.820%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	86122	4.901	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	110484	5.531	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.519	50	5920	0.236	ug/L	95
12) 1,1-Dichloroethene	2.576	96	56004	2.838	ug/L #	82
19) 1,1-Dichloroethane	3.869	63	7948	0.207	ug/L	95
22) cis-1,2-Dichloroethene	4.663	96	21543	0.990	ug/L	93
34) Trichloroethene	6.534	95	324539	13.456	ug/L	98
35) Methylcyclohexane	6.686	83	28874	0.811	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	13382	0.595	ug/L #	88
39) cis-1,3-Dichloropropene	7.563	75	3612	0.110	ug/L #	57
47) Tetrachloroethene	8.547	164	682373	40.426	ug/L	98
48) 2-Hexanone	8.682	43	9273	1.219	ug/L #	85
49) Dibromochloromethane	8.547	129	713708	40.835	ug/L #	11
61) 1,2,3-Trichloropropane	11.808	75	12042	1.104	ug/L #	67

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

Quant Time: Dec 12 06:35:33 2023
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QLast Update : Tue Dec 12 02:01:50 2023
Response via : Initial Calibration

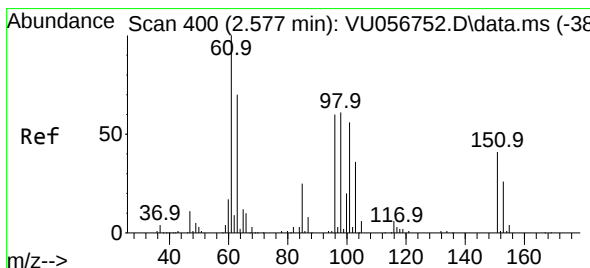
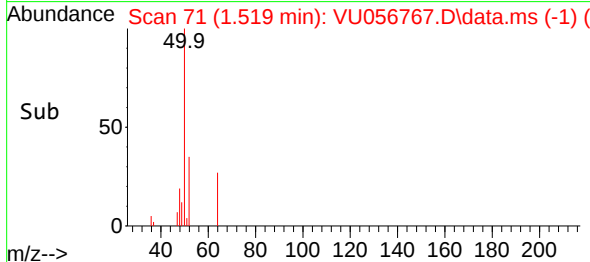
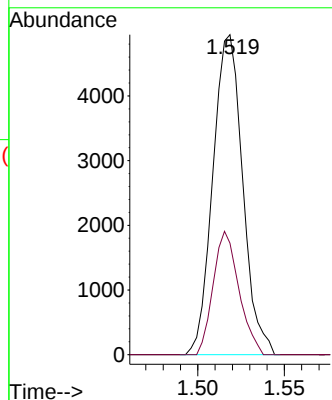
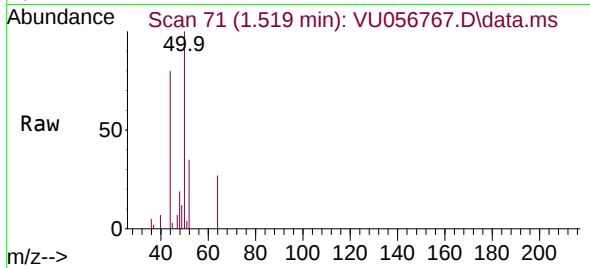




#3
Chloromethane
Concen: 0.236 ug/L
RT: 1.519 min Scan# 70
Delta R.T. 0.003 min
Lab File: VU056767.D
Acq: 12 Dec 2023 05:48

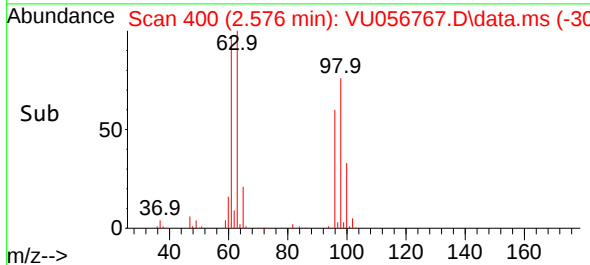
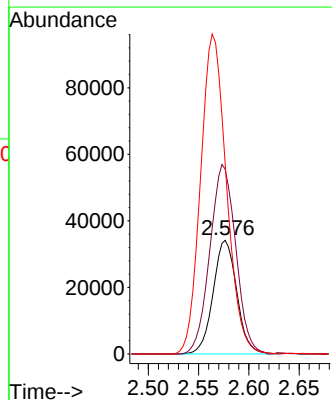
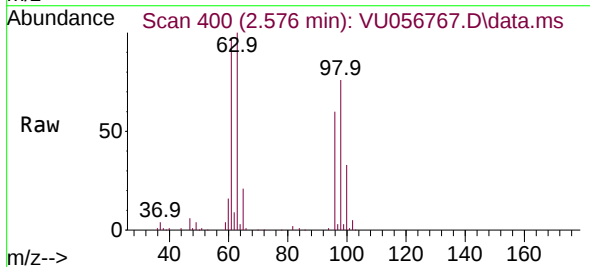
Instrument :
MSVOA_U
ClientSampleId :

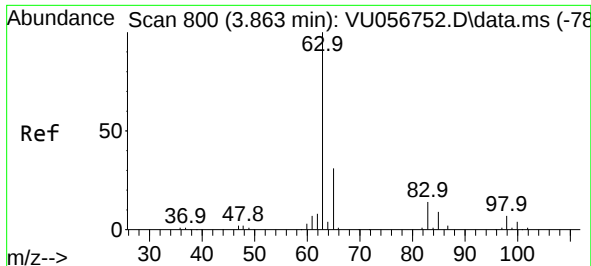
Tgt Ion: 50 Resp: 5920
Ion Ratio Lower Upper
50 100
52 34.9 22.5 41.7



#12
1,1-Dichloroethene
Concen: 2.838 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU056767.D
Acq: 12 Dec 2023 05:48

Tgt Ion: 96 Resp: 56004
Ion Ratio Lower Upper
96 100
61 162.5 119.0 221.0
63 167.5 88.7 164.7#





#19

1,1-Dichloroethane

Concen: 0.207 ug/L

RT: 3.869 min Scan# 800

Delta R.T. 0.006 min

Lab File: VU056767.D

Acq: 12 Dec 2023 05:48

Instrument :

MSVOA_U

ClientSampleId :

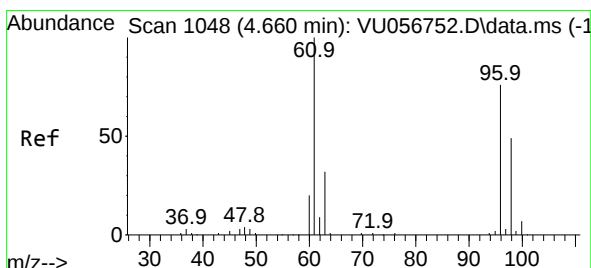
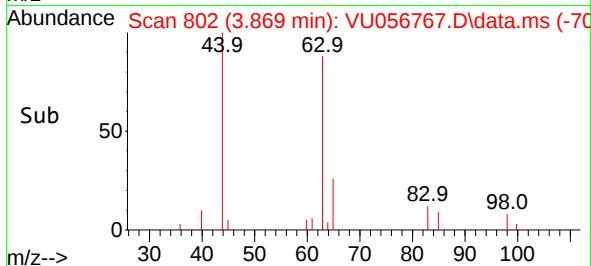
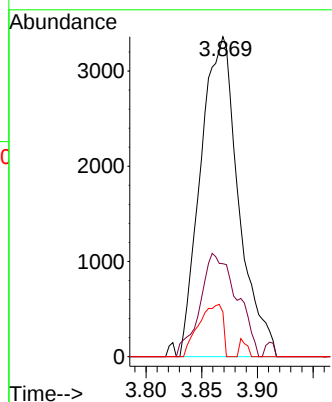
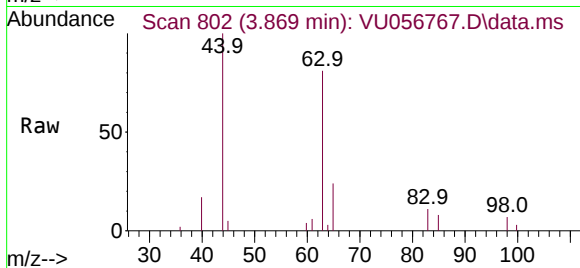
Tgt Ion: 63 Resp: 7948

Ion Ratio Lower Upper

63 100

65 29.1 22.9 42.5

83 14.0 10.1 18.9



#22

cis-1,2-Dichloroethene

Concen: 0.990 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. 0.003 min

Lab File: VU056767.D

Acq: 12 Dec 2023 05:48

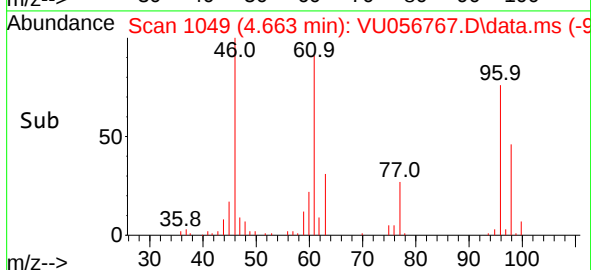
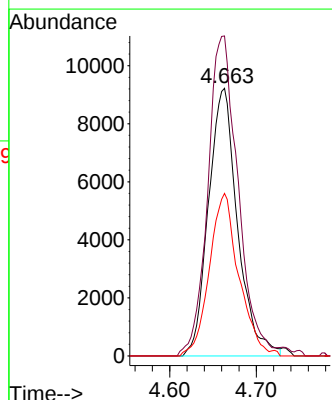
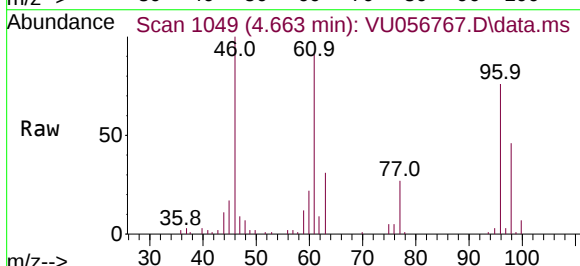
Tgt Ion: 96 Resp: 21543

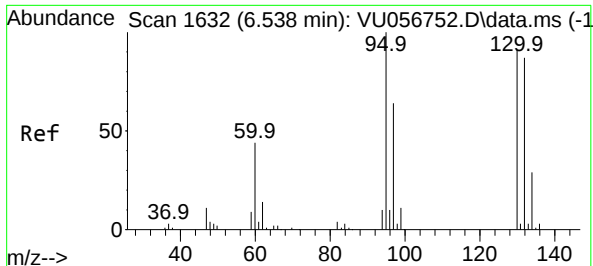
Ion Ratio Lower Upper

96 100

61 119.5 91.3 169.6

98 60.7 44.2 82.0





#34

Trichloroethene

Concen: 13.456 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU056767.D

Acq: 12 Dec 2023 05:48

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 324539

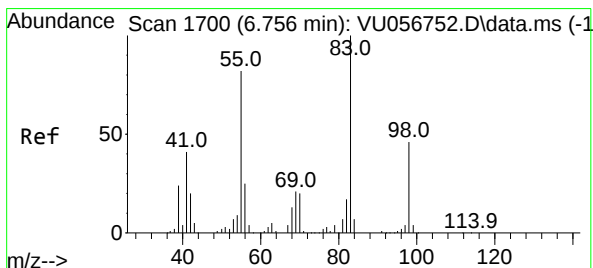
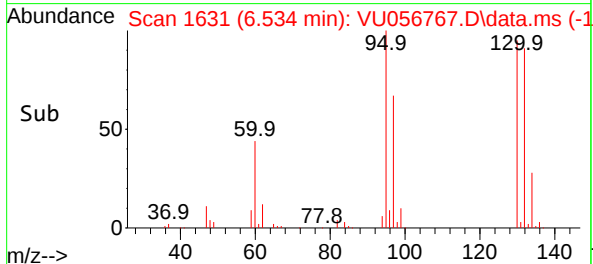
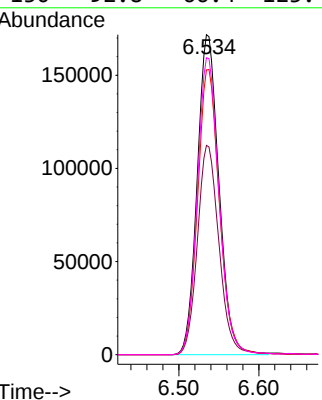
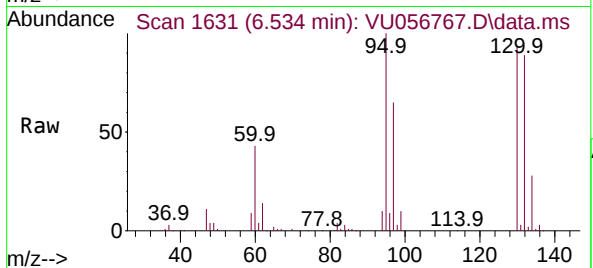
Ion Ratio Lower Upper

95 100

97 65.4 46.1 85.5

132 89.0 63.6 118.0

130 92.8 66.4 123.4



#35

Methylcyclohexane

Concen: 0.811 ug/L

RT: 6.686 min Scan# 1678

Delta R.T. -0.071 min

Lab File: VU056767.D

Acq: 12 Dec 2023 05:48

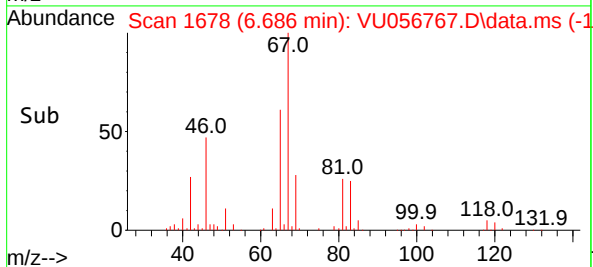
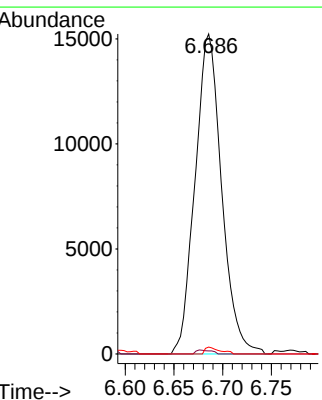
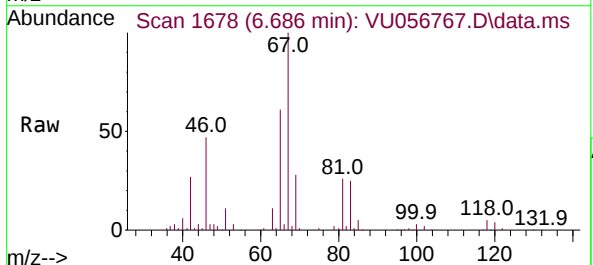
Tgt Ion: 83 Resp: 28874

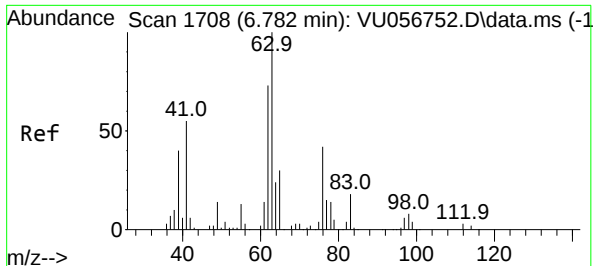
Ion Ratio Lower Upper

83 100

55 0.7 64.6 97.0#

98 1.2 36.1 54.1#





#37

1,2-Dichloropropane

Concen: 0.595 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU056767.D

Acq: 12 Dec 2023 05:48

Instrument :

MSVOA_U

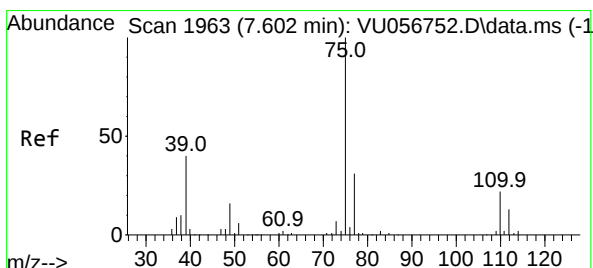
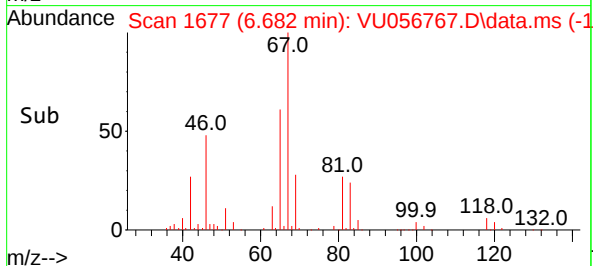
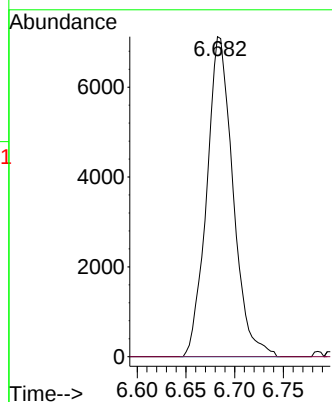
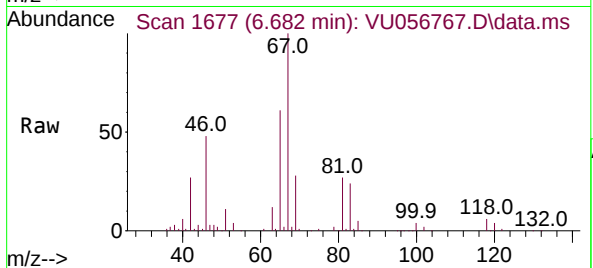
ClientSampleId :

Tgt Ion: 63 Resp: 13382

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



#39

cis-1,3-Dichloropropene

Concen: 0.110 ug/L

RT: 7.563 min Scan# 1951

Delta R.T. -0.039 min

Lab File: VU056767.D

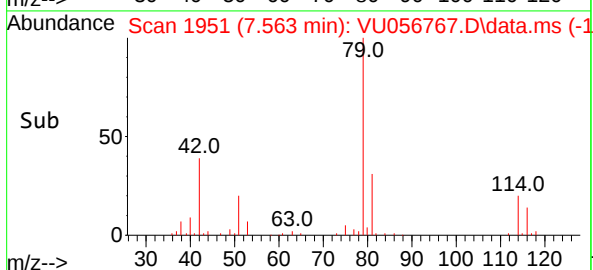
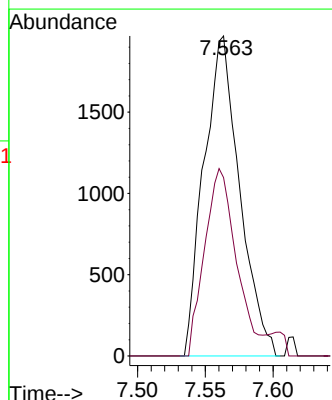
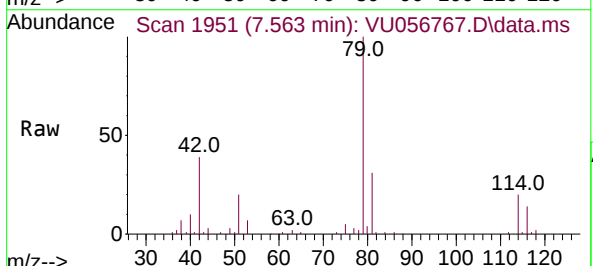
Acq: 12 Dec 2023 05:48

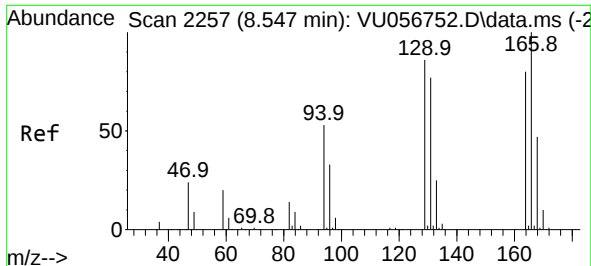
Tgt Ion: 75 Resp: 3612

Ion Ratio Lower Upper

75 100

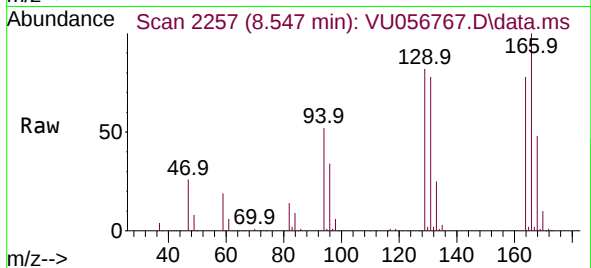
77 55.8 22.3 41.5#



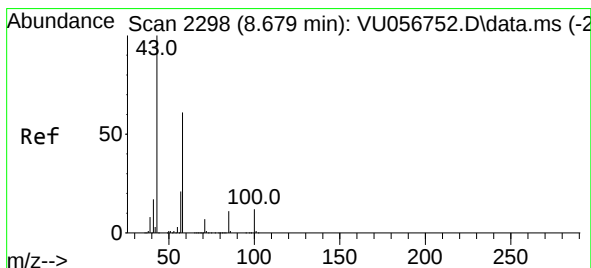
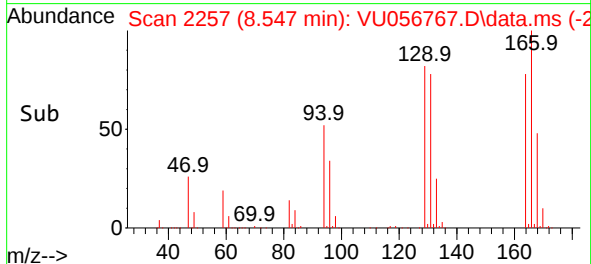
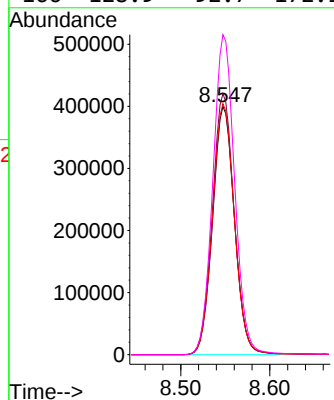


#47
Tetrachloroethene
Concen: 40.426 ug/L
RT: 8.547 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056767.D
Acq: 12 Dec 2023 05:48

Instrument :
MSVOA_U
ClientSampleId :

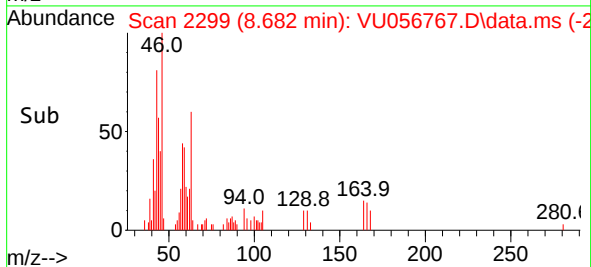
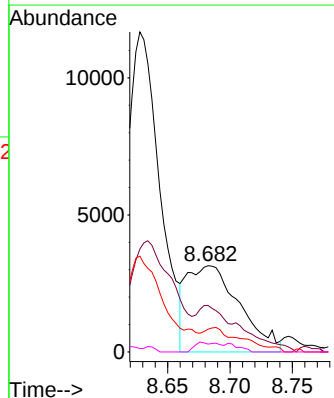
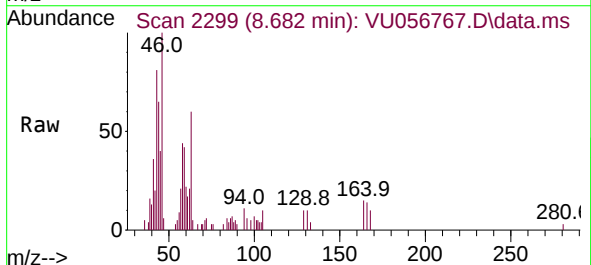


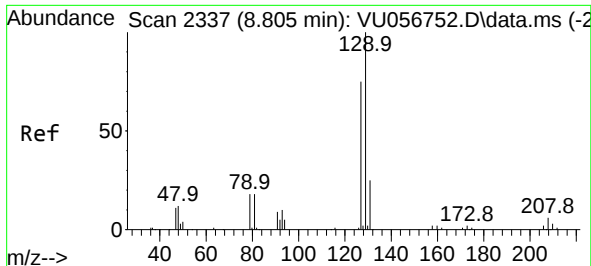
Tgt Ion:164 Resp: 682373
Ion Ratio Lower Upper
164 100
129 105.1 73.4 136.4
131 101.2 71.5 132.9
166 128.9 92.7 172.1



#48
2-Hexanone
Concen: 1.219 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. 0.003 min
Lab File: VU056767.D
Acq: 12 Dec 2023 05:48

Tgt Ion: 43 Resp: 9273
Ion Ratio Lower Upper
43 100
58 44.7 47.5 71.3#
57 20.1 17.0 25.4
100 5.2 9.8 14.8#





#49

Dibromochloromethane

Concen: 40.835 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU056767.D

Acq: 12 Dec 2023 05:48

Instrument :

MSVOA_U

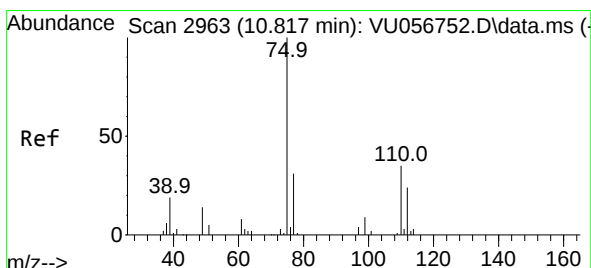
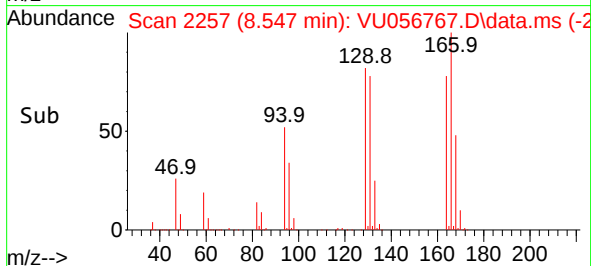
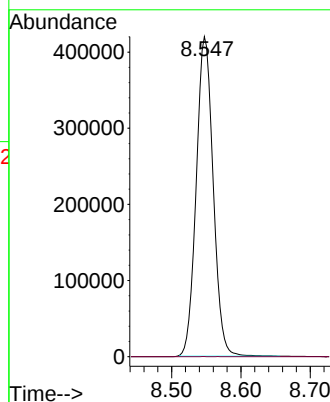
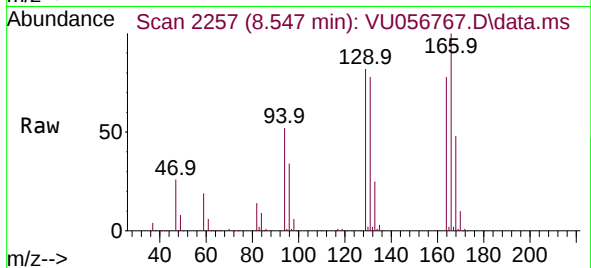
ClientSampleId :

Tgt Ion:129 Resp: 713708

Ion Ratio Lower Upper

129 100

127 0.0 53.9 100.1#



#61

1,2,3-Trichloropropane

Concen: 1.104 ug/L

RT: 11.808 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU056767.D

Acq: 12 Dec 2023 05:48

Tgt Ion: 75 Resp: 12042

Ion Ratio Lower Upper

75 100

110 3.2 28.4 42.6#

77 38.2 26.3 39.5

