

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121123\
 Data File : VU056762.D
 Acq On : 12 Dec 2023 03:47
 Operator : MD/SY
 Sample : 05675-12
 Misc : 25.2mL/MSVOA_U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 12 05:04:47 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)

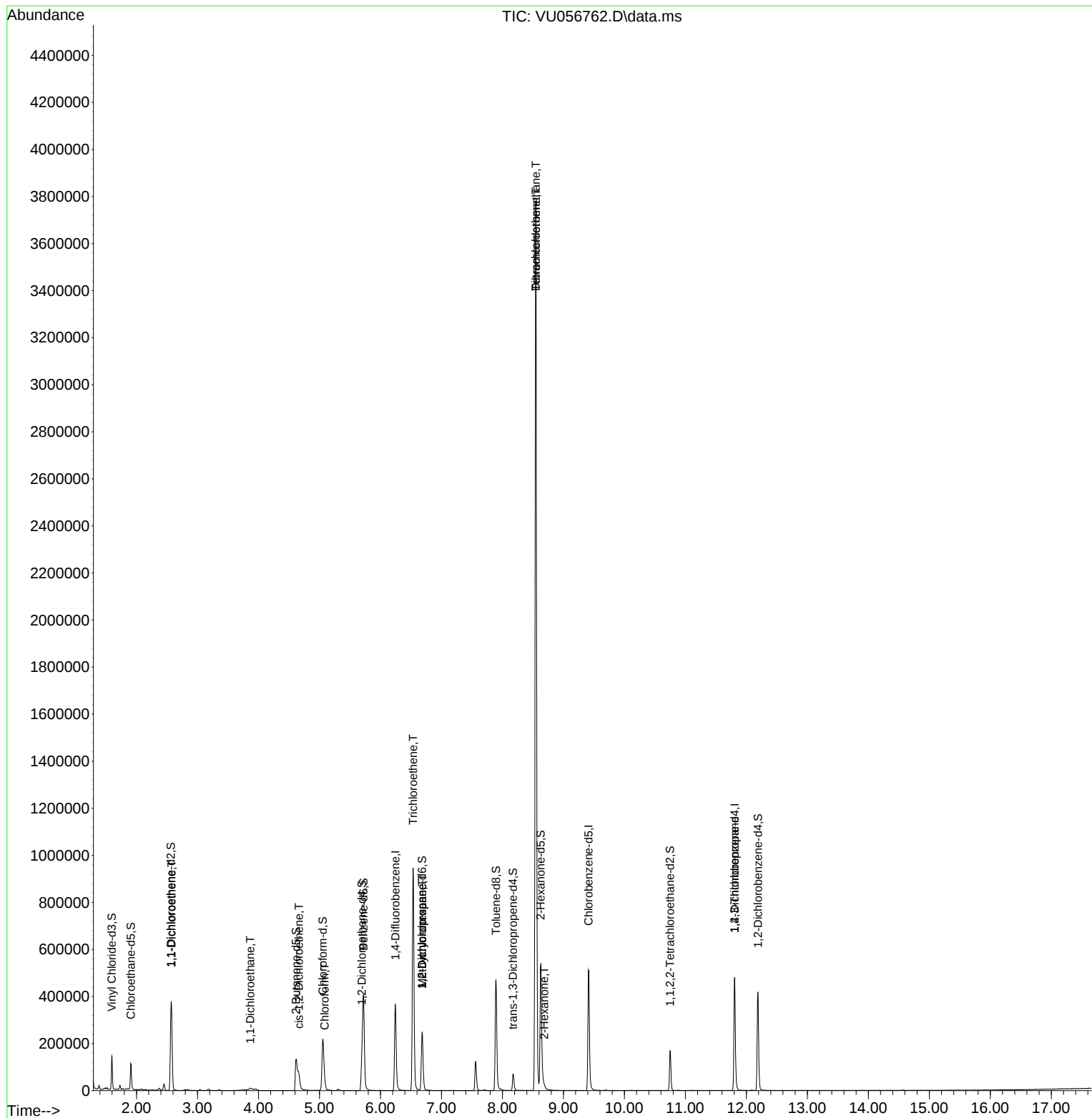
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	292620	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	301884	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	126359	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	99597	3.971	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.400%
7) Chloroethane-d5	1.907	69	83123	4.429	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.600%
11) 1,1-Dichloroethene-d2	2.563	65	46425	4.326	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.600%
20) 2-Butanone-d5	4.618	46	211695	42.737	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.480%
24) Chloroform-d	5.055	84	202893	4.272	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.400%
26) 1,2-Dichloroethane-d4	5.695	65	99573	4.430	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.600%
32) Benzene-d6	5.721	84	392928	4.196	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.000%
36) 1,2-Dichloropropane-d6	6.682	67	123374	4.210	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.200%
41) Toluene-d8	7.894	98	334033	3.991	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.800%
43) trans-1,3-Dichloroprop...	8.174	79	44592	3.923	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.400%
46) 2-Hexanone-d5	8.627	63	184929	43.141	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.280%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	85779	4.045	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	110824	4.462	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.200%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.576	96	77019	3.242	ug/L	92
19) 1,1-Dichloroethane	3.865	63	7500	0.162	ug/L	97
22) cis-1,2-Dichloroethene	4.663	96	27581	1.053	ug/L	96
25) Chloroform	5.084	83	26721	0.551	ug/L	96
34) Trichloroethene	6.534	95	341403	11.731	ug/L	97
35) Methylcyclohexane	6.685	83	28779	0.670	ug/L #	17
37) 1,2-Dichloropropane	6.682	63	13178	0.486	ug/L #	89
47) Tetrachloroethene	8.547	164	806910	39.617	ug/L	97
48) 2-Hexanone	8.685	43	6663	0.726	ug/L #	38
49) Dibromochloromethane	8.547	129	840668	39.861	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	18348	1.352	ug/L #	66

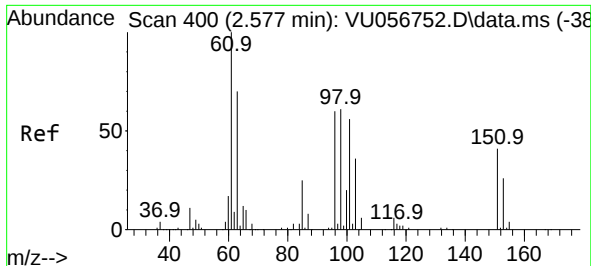
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 3.242 ug/L

RT: 2.576 min Scan# 400

Delta R.T. -0.000 min

Lab File: VU056762.D

Acq: 12 Dec 2023 03:47

Instrument :

MSVOA_U

ClientSampleId :

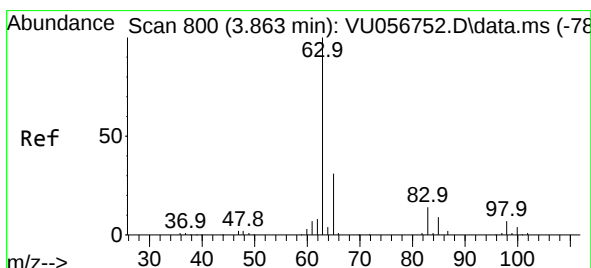
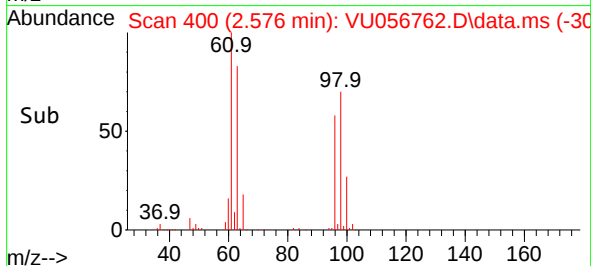
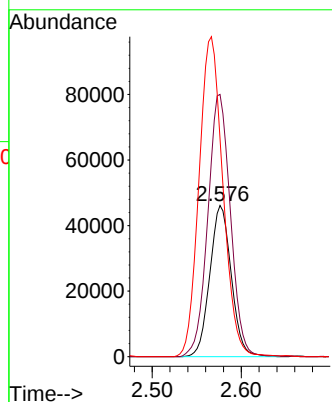
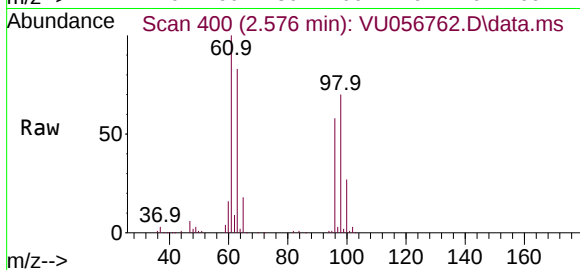
Tgt Ion: 96 Resp: 77019

Ion Ratio Lower Upper

96 100

61 173.3 119.0 221.0

63 143.9 88.7 164.7



#19

1,1-Dichloroethane

Concen: 0.162 ug/L

RT: 3.865 min Scan# 801

Delta R.T. 0.003 min

Lab File: VU056762.D

Acq: 12 Dec 2023 03:47

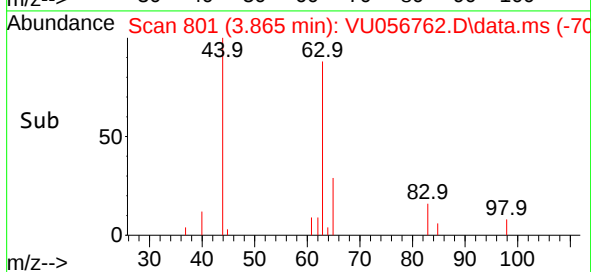
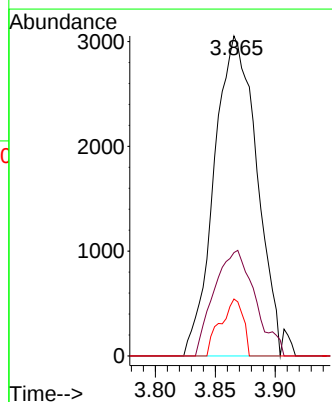
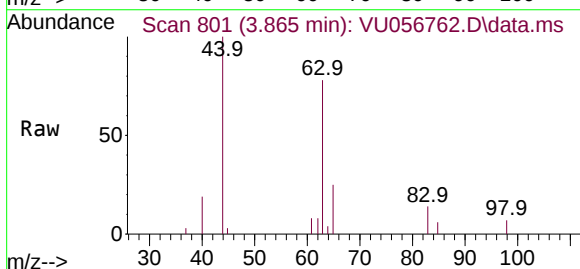
Tgt Ion: 63 Resp: 7500

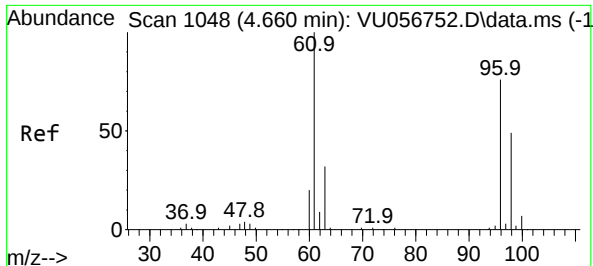
Ion Ratio Lower Upper

63 100

65 32.3 22.9 42.5

83 17.8 10.1 18.9





#22

cis-1,2-Dichloroethene

Concen: 1.053 ug/L

RT: 4.663 min Scan# 1180

Delta R.T. 0.003 min

Lab File: VU056762.D

Acq: 12 Dec 2023 03:47

Instrument :

MSVOA_U

ClientSampleId :

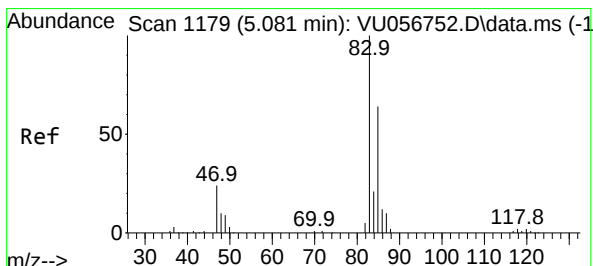
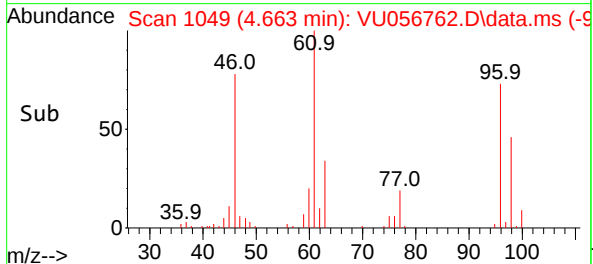
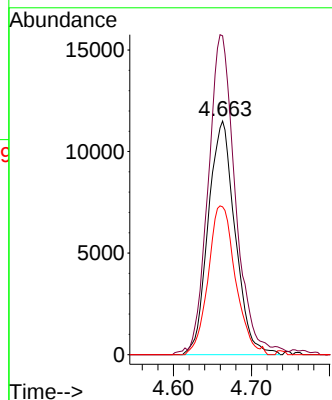
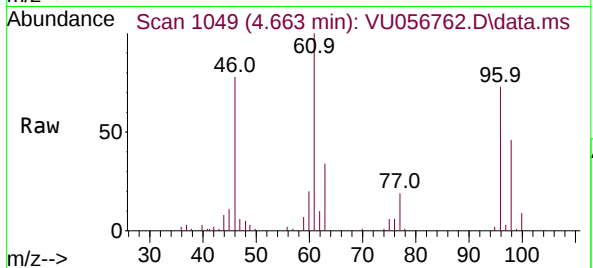
Tgt Ion: 96 Resp: 27581

Ion Ratio Lower Upper

96 100

61 136.6 91.3 169.6

98 63.3 44.2 82.0



#25

Chloroform

Concen: 0.551 ug/L

RT: 5.084 min Scan# 1180

Delta R.T. 0.003 min

Lab File: VU056762.D

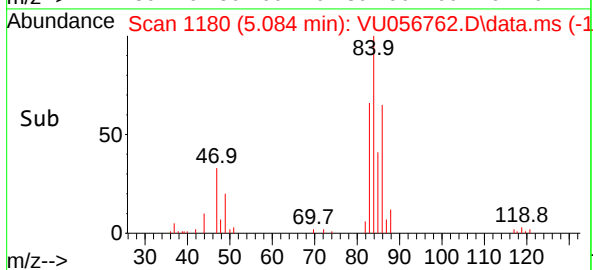
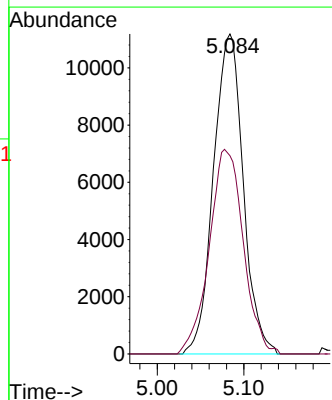
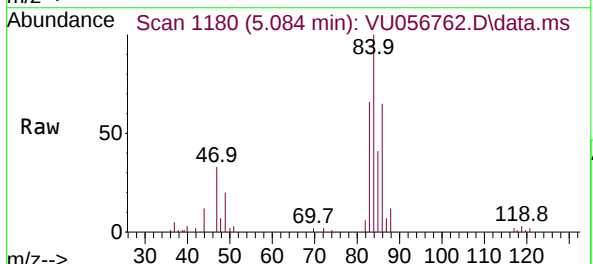
Acq: 12 Dec 2023 03:47

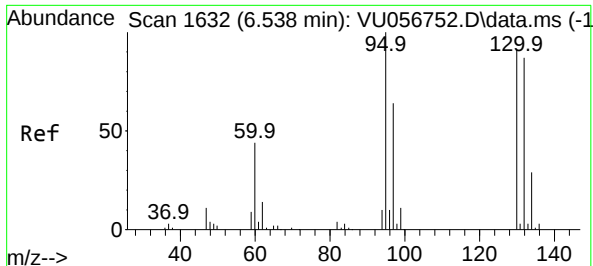
Tgt Ion: 83 Resp: 26721

Ion Ratio Lower Upper

83 100

85 62.0 45.8 85.0





#34

Trichloroethene

Concen: 11.731 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.004 min

Lab File: VU056762.D

Acq: 12 Dec 2023 03:47

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 341403

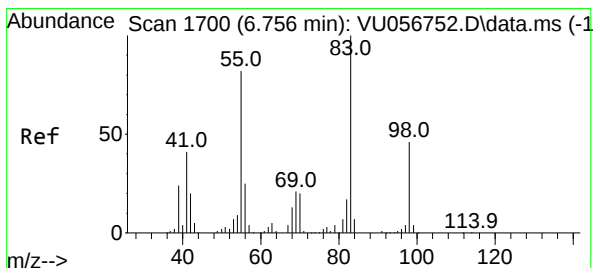
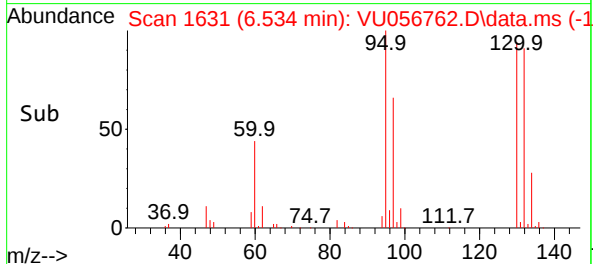
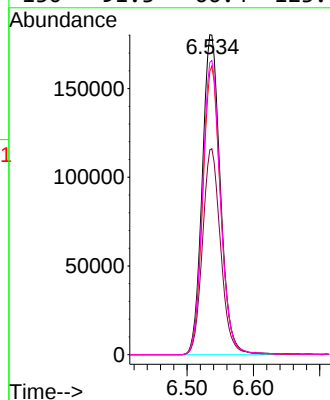
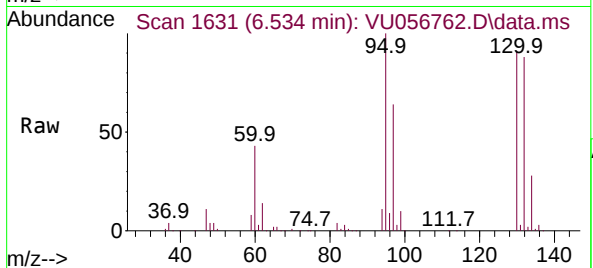
Ion Ratio Lower Upper

95 100

97 64.0 46.1 85.5

132 88.4 63.6 118.0

130 91.3 66.4 123.4



#35

Methylcyclohexane

Concen: 0.670 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.071 min

Lab File: VU056762.D

Acq: 12 Dec 2023 03:47

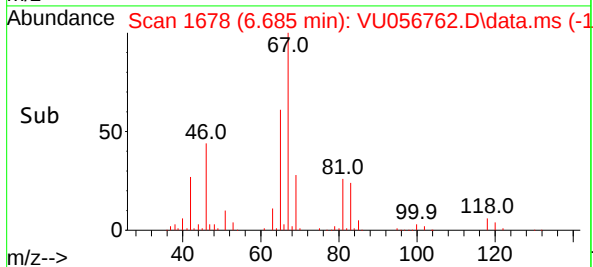
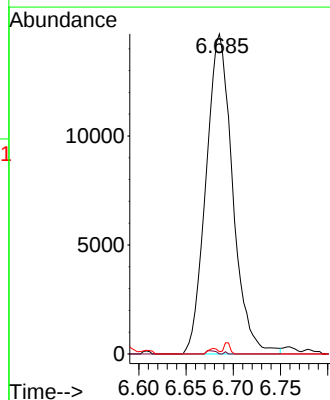
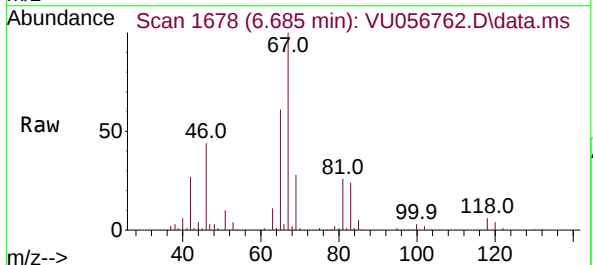
Tgt Ion: 83 Resp: 28779

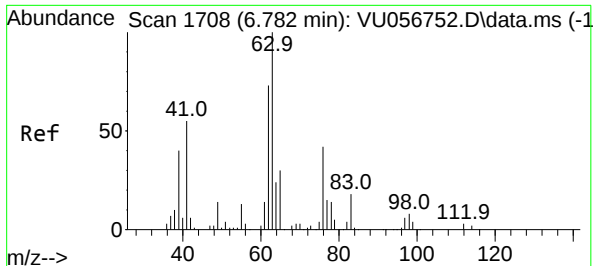
Ion Ratio Lower Upper

83 100

55 0.1 64.6 97.0#

98 0.0 36.1 54.1#

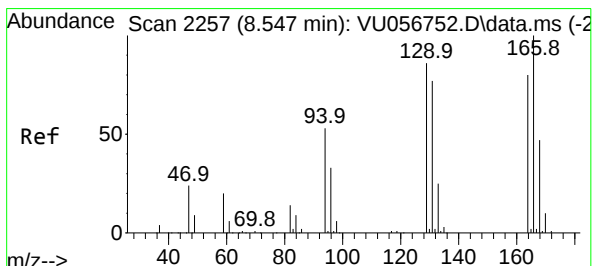
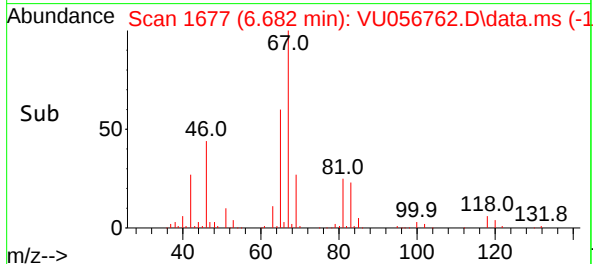
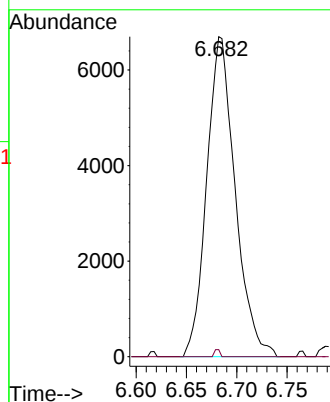
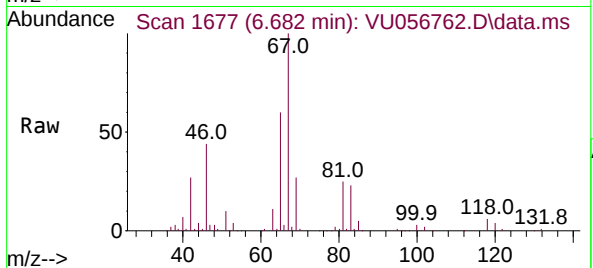




#37
1,2-Dichloropropane
Concen: 0.486 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU056762.D
Acq: 12 Dec 2023 03:47

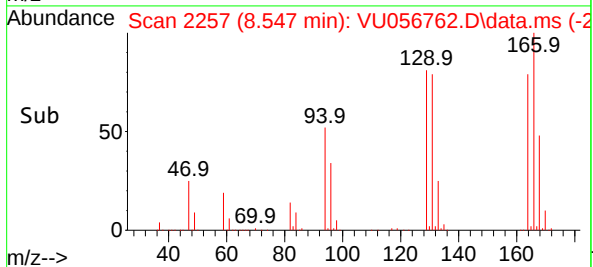
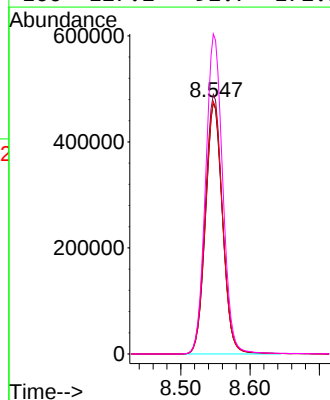
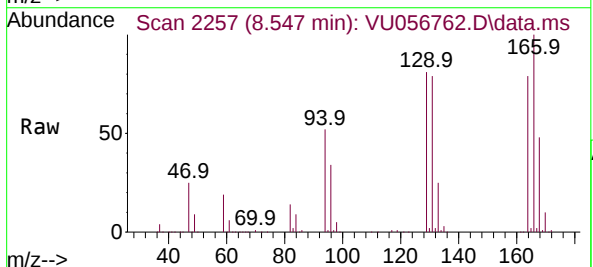
Instrument :
MSVOA_U
ClientSampleId :

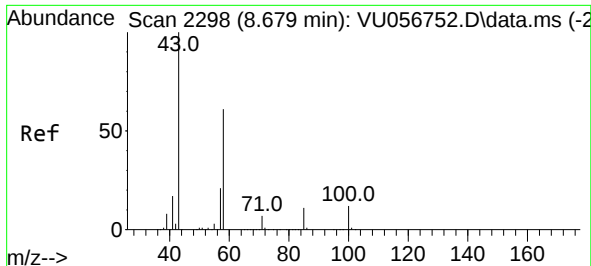
Tgt Ion: 63 Resp: 13178
Ion Ratio Lower Upper
63 100
112 0.4 3.3 4.9#



#47
Tetrachloroethene
Concen: 39.617 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU056762.D
Acq: 12 Dec 2023 03:47

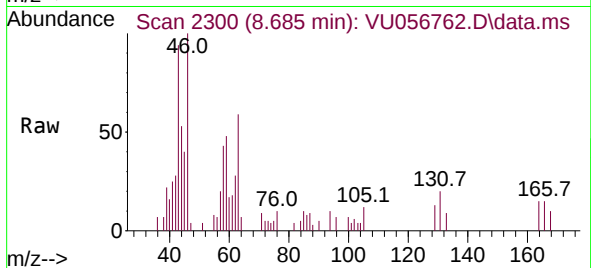
Tgt Ion:164 Resp: 806910
Ion Ratio Lower Upper
164 100
129 103.2 73.4 136.4
131 100.3 71.5 132.9
166 127.2 92.7 172.1



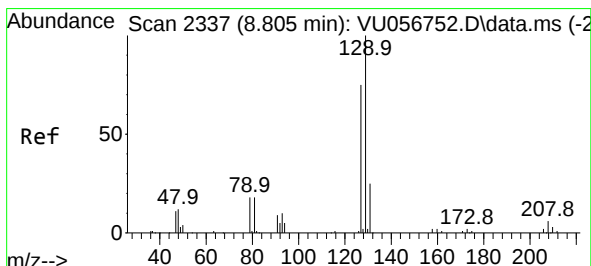
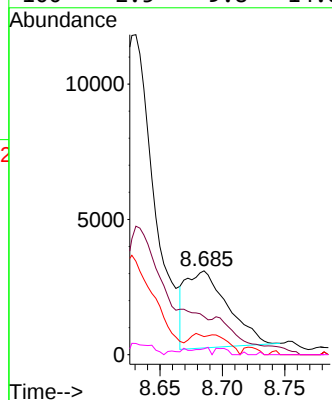
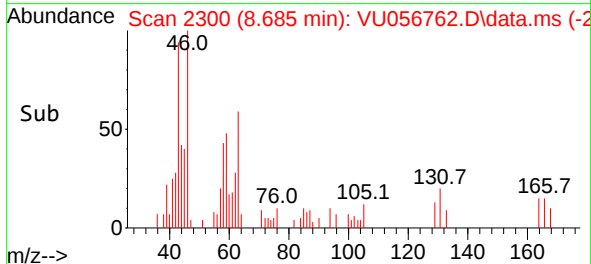


#48
2-Hexanone
Concen: 0.726 ug/L
RT: 8.685 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU056762.D
Acq: 12 Dec 2023 03:47

Instrument :
MSVOA_U
ClientSampleId :

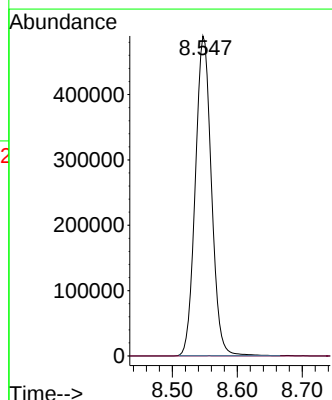
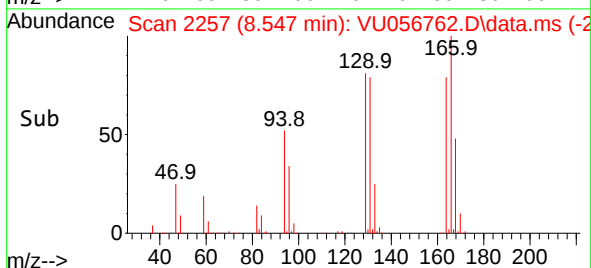
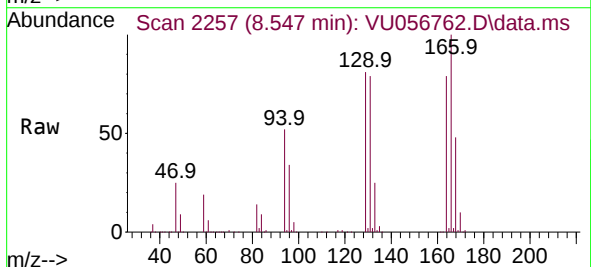


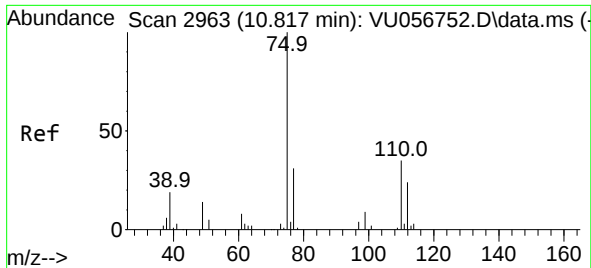
Tgt Ion: 43	Resp: 6663
Ion Ratio	Lower Upper
43 100	
58 0.0	47.5 71.3#
57 3.6	17.0 25.4#
100 2.5	9.8 14.8#



#49
Dibromochloromethane
Concen: 39.861 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.258 min
Lab File: VU056762.D
Acq: 12 Dec 2023 03:47

Tgt Ion:129	Resp: 840668		
Ion Ratio	Lower	Upper	
129 100			
127 0.0	53.9	100.1#	





#61

1,2,3-Trichloropropane

Concen: 1.352 ug/L

RT: 11.807 min Scan# 31

Delta R.T. 0.990 min

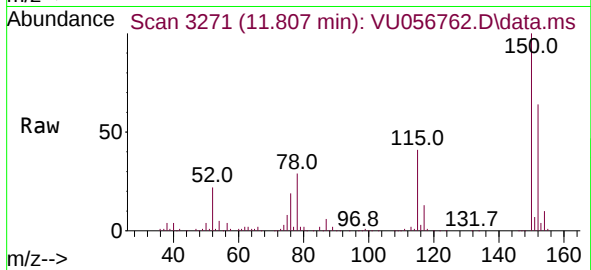
Lab File: VU056762.D

Acq: 12 Dec 2023 03:47

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 75 Resp: 18348

Ion Ratio Lower Upper

75 100

110 2.4 28.4 42.6#

77 27.2 26.3 39.5

