

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121123\
 Data File : VU056768.D
 Acq On : 12 Dec 2023 06:13
 Operator : MD/SY
 Sample : 05675-18
 Misc : 25.2mL/MSVOA_U/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 12 06:35:51 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)

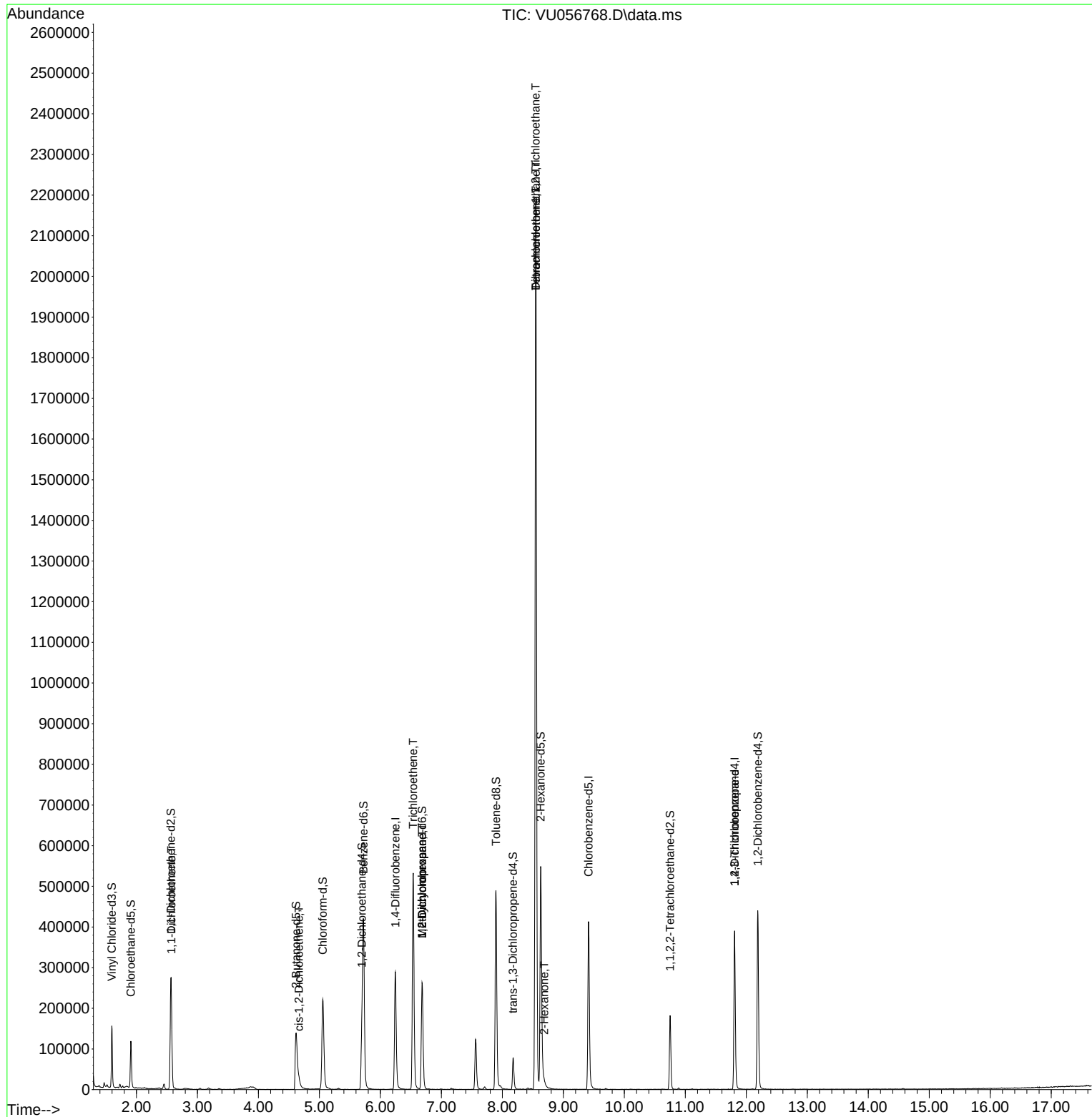
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	234628	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	244754	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	105449	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	107085	5.325	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.400%
7) Chloroethane-d5	1.907	69	87287	5.800	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.000%
11) 1,1-Dichloroethene-d2	2.563	65	46250	5.375	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	107.400%
20) 2-Butanone-d5	4.615	46	229120	57.688	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.380%
24) Chloroform-d	5.055	84	210945	5.539	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.800%
26) 1,2-Dichloroethane-d4	5.695	65	104466	5.797	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.000%
32) Benzene-d6	5.721	84	409786	5.398	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.000%
36) 1,2-Dichloropropane-d6	6.682	67	130185	5.479	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.600%
41) Toluene-d8	7.894	98	353069	5.204	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.000%
43) trans-1,3-Dichloroprop...	8.174	79	45477	4.935	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.800%
46) 2-Hexanone-d5	8.627	63	187198	53.863	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.720%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	92373	5.373	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	116636	5.627	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.600%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.573	96	25916	1.361	ug/L #	1
22) cis-1,2-Dichloroethene	4.663	96	5871	0.279	ug/L	91
34) Trichloroethene	6.538	95	190335	8.067	ug/L	97
35) Methylcyclohexane	6.682	83	30941	0.889	ug/L #	21
37) 1,2-Dichloropropane	6.682	63	14799	0.673	ug/L #	88
45) 1,1,2-Trichloroethane	8.544	97	4027	0.271	ug/L #	1
47) Tetrachloroethene	8.547	164	467892	28.335	ug/L	98
48) 2-Hexanone	8.685	43	6009	0.807	ug/L #	93
49) Dibromochloromethane	8.547	129	483550	28.280	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	12355	1.091	ug/L #	67

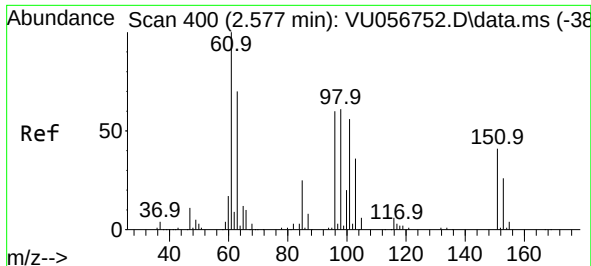
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Dec 12 02:01:50 2023
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#12

1,1-Dichloroethene

Concen: 1.361 ug/L

RT: 2.573 min Scan# 399

Delta R.T. -0.004 min

Lab File: VU056768.D

Acq: 12 Dec 2023 06:13

Instrument :

MSVOA_U

ClientSampleId :

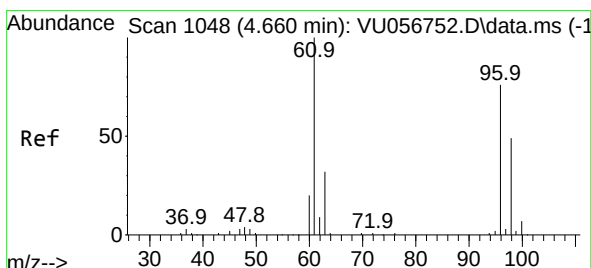
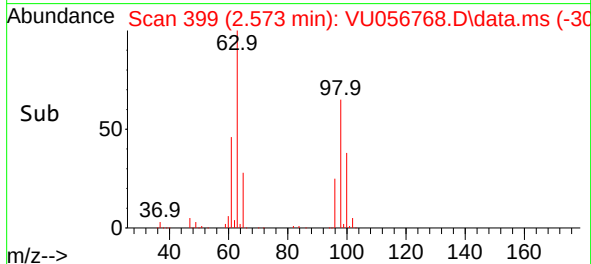
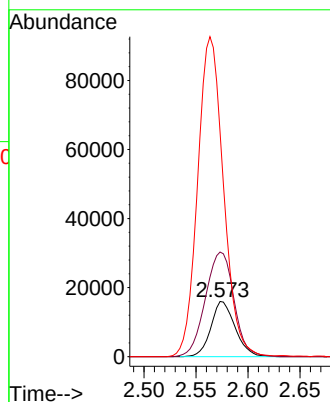
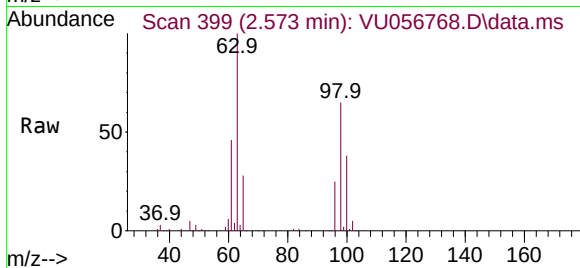
Tgt Ion: 96 Resp: 25916

Ion Ratio Lower Upper

96 100

61 189.6 119.0 221.0

63 407.9 88.7 164.7#



#22

cis-1,2-Dichloroethene

Concen: 0.279 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. 0.003 min

Lab File: VU056768.D

Acq: 12 Dec 2023 06:13

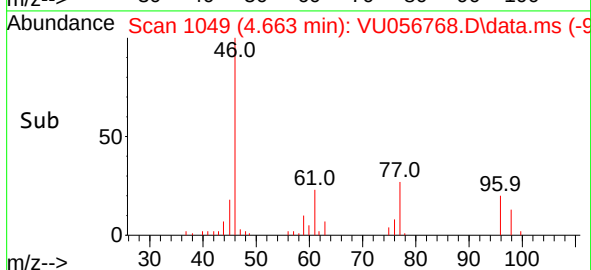
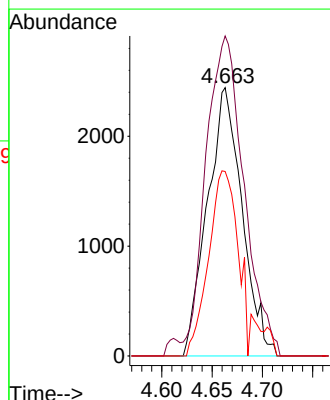
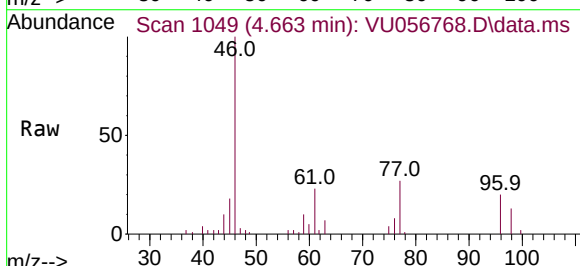
Tgt Ion: 96 Resp: 5871

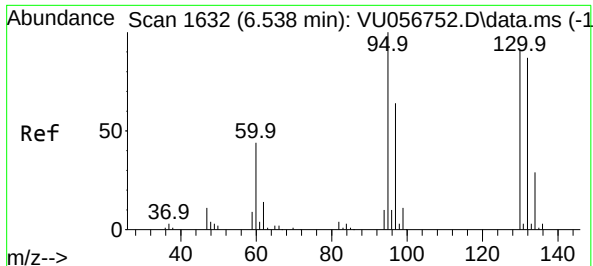
Ion Ratio Lower Upper

96 100

61 119.2 91.3 169.6

98 68.8 44.2 82.0

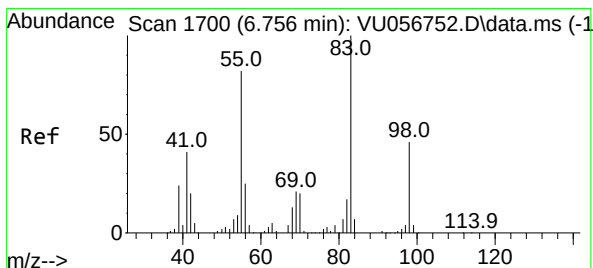
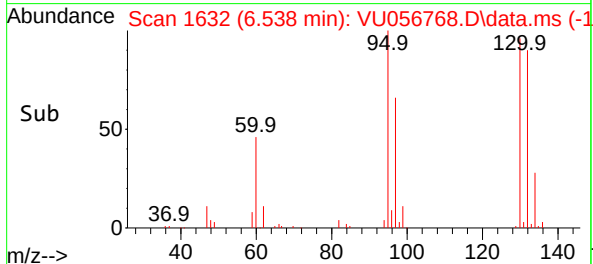
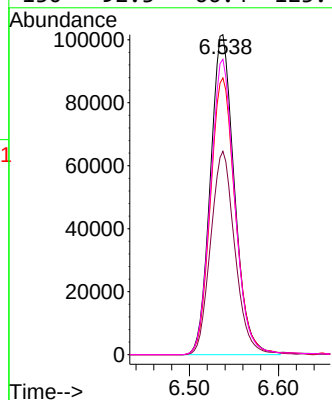
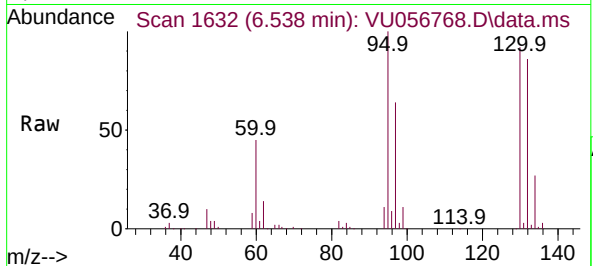




#34
Trichloroethene
Concen: 8.067 ug/L
RT: 6.538 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VU056768.D
Acq: 12 Dec 2023 06:13

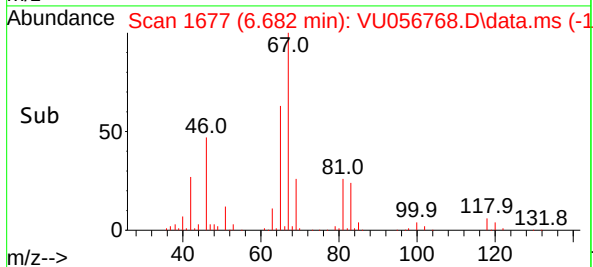
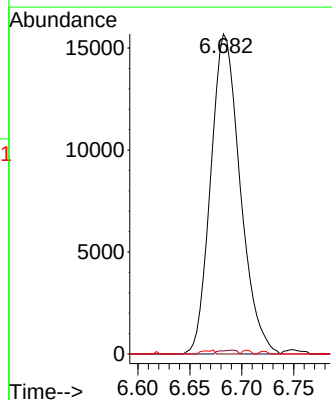
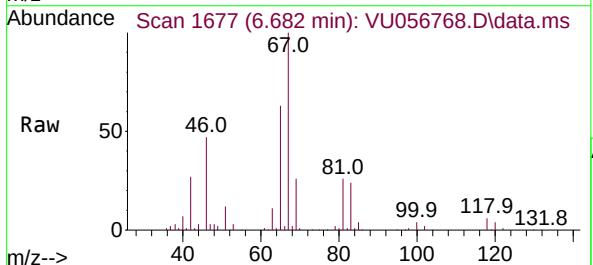
Instrument :
MSVOA_U
ClientSampleId :

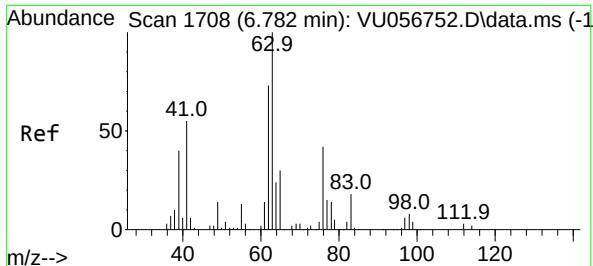
Tgt Ion: 95 Resp: 190335
Ion Ratio Lower Upper
95 100
97 63.5 46.1 85.5
132 86.5 63.6 118.0
130 92.3 66.4 123.4



#35
Methylcyclohexane
Concen: 0.889 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU056768.D
Acq: 12 Dec 2023 06:13

Tgt Ion: 83 Resp: 30941
Ion Ratio Lower Upper
83 100
55 0.7 64.6 97.0#
98 6.9 36.1 54.1#

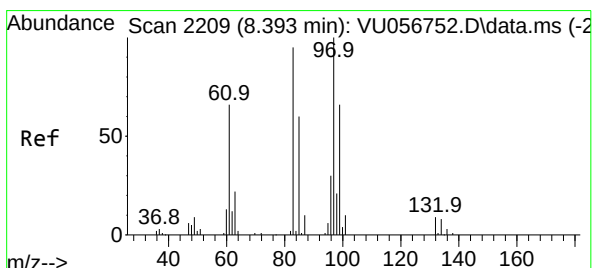
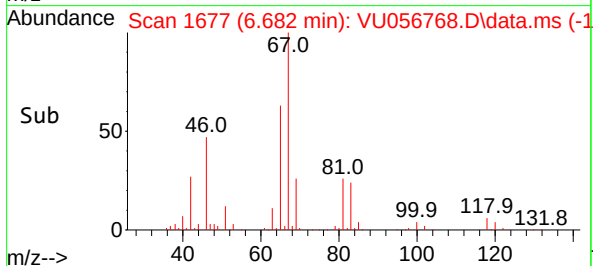
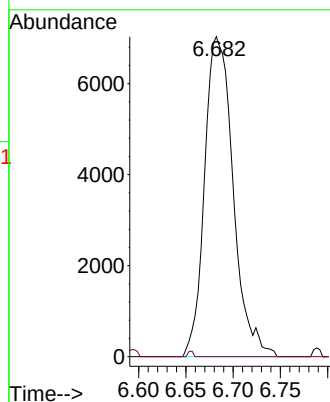
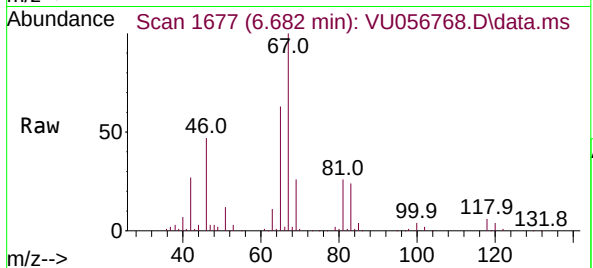




#37
1,2-Dichloropropane
Concen: 0.673 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU056768.D
Acq: 12 Dec 2023 06:13

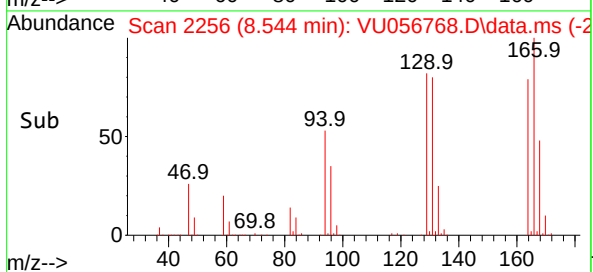
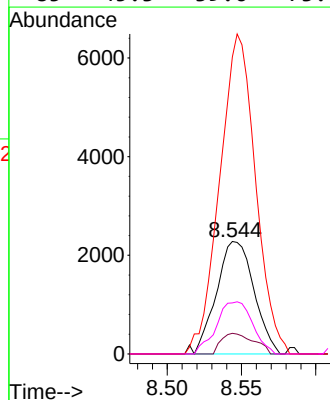
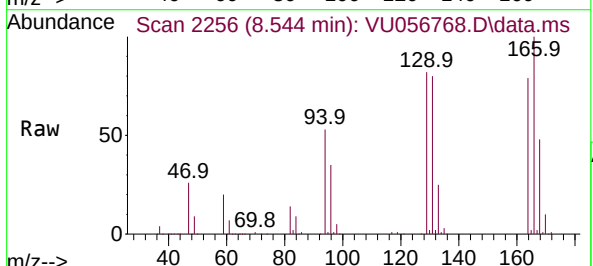
Instrument :
MSVOA_U
ClientSampleId :

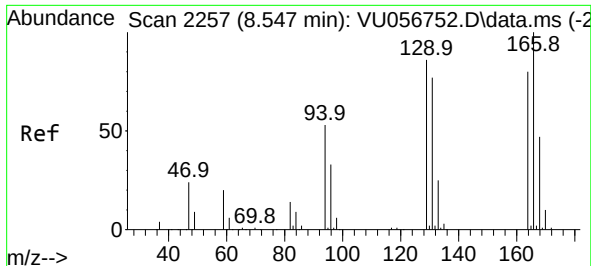
Tgt Ion: 63 Resp: 14799
Ion Ratio Lower Upper
63 100
112 0.3 3.3 4.9#



#45
1,1,2-Trichloroethane
Concen: 0.271 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. 0.151 min
Lab File: VU056768.D
Acq: 12 Dec 2023 06:13

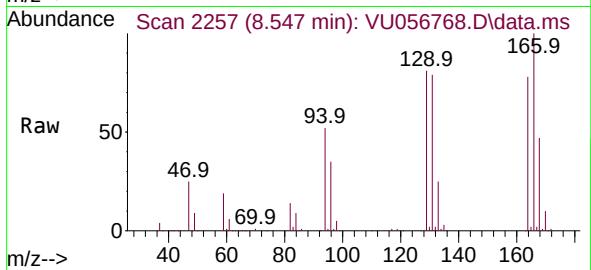
Tgt Ion: 97 Resp: 4027
Ion Ratio Lower Upper
97 100
99 18.4 41.9 77.9#
83 263.8 59.1 109.7#
85 45.3 39.6 73.6





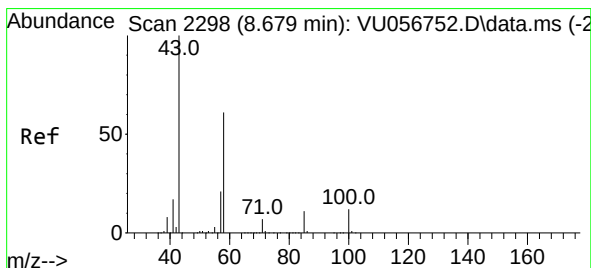
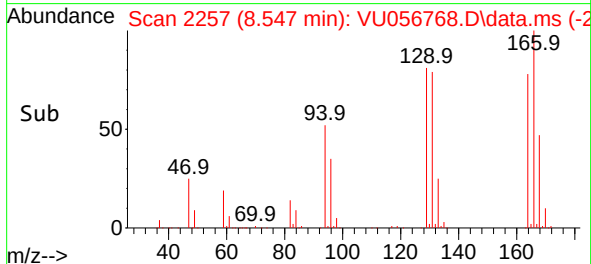
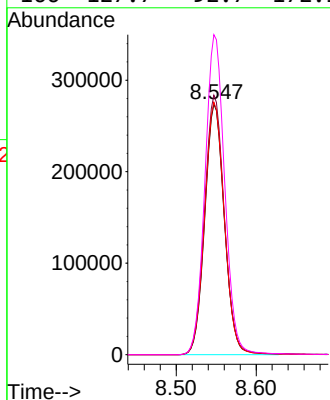
#47
Tetrachloroethene
Concen: 28.335 ug/L
RT: 8.547 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056768.D
Acq: 12 Dec 2023 06:13

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:164 Resp: 467892

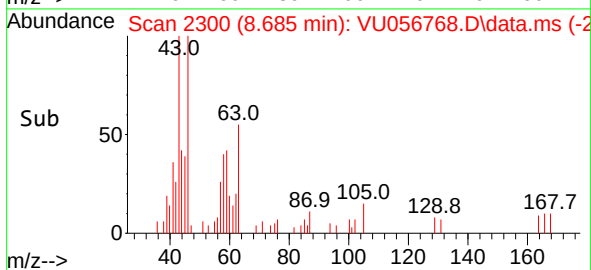
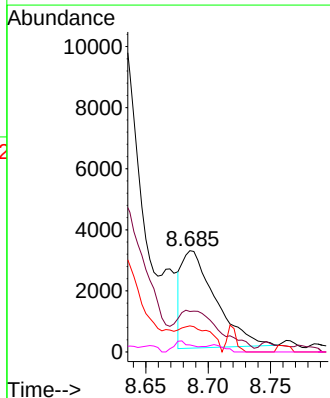
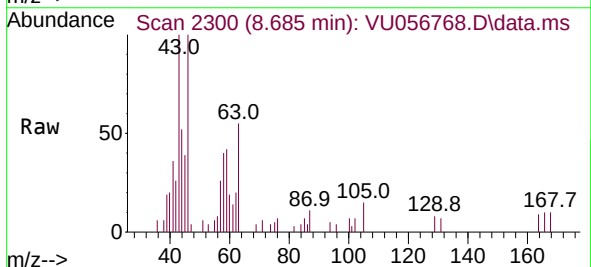
Ion	Ratio	Lower	Upper
164	100		
129	103.6	73.4	136.4
131	100.8	71.5	132.9
166	127.7	92.7	172.1

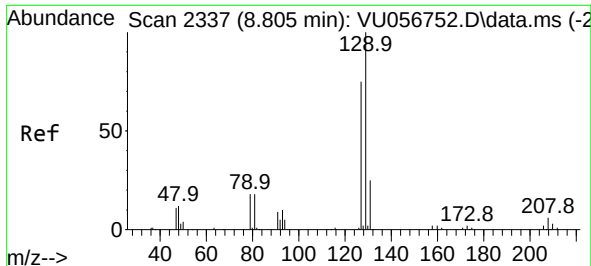


#48
2-Hexanone
Concen: 0.807 ug/L
RT: 8.685 min Scan# 2300
Delta R.T. 0.006 min
Lab File: VU056768.D
Acq: 12 Dec 2023 06:13

Tgt Ion: 43 Resp: 6009

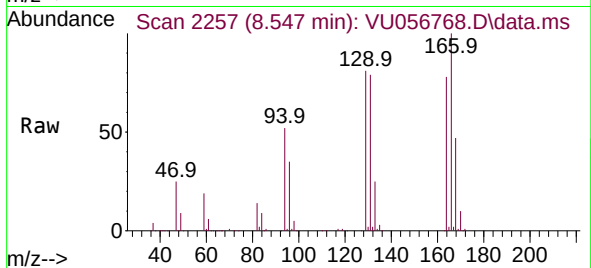
Ion	Ratio	Lower	Upper
43	100		
58	55.5	47.5	71.3
57	24.9	17.0	25.4
100	5.9	9.8	14.8



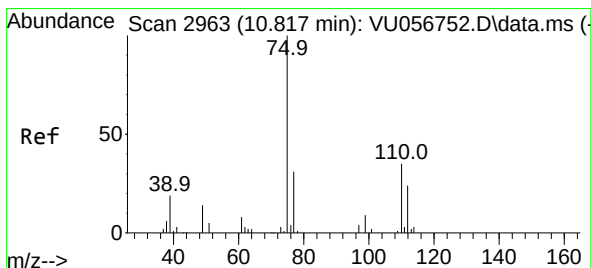
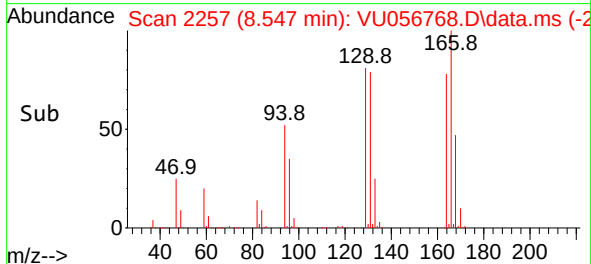
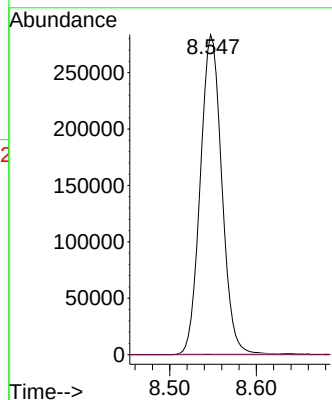


#49
Dibromochloromethane
Concen: 28.280 ug/L
RT: 8.547 min Scan# 21
Delta R.T. -0.258 min
Lab File: VU056768.D
Acq: 12 Dec 2023 06:13

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:129 Resp: 483550
Ion Ratio Lower Upper
129 100
127 0.0 53.9 100.1#



#61
1,2,3-Trichloropropane
Concen: 1.091 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU056768.D
Acq: 12 Dec 2023 06:13

Tgt Ion: 75 Resp: 12355
Ion Ratio Lower Upper
75 100
110 1.7 28.4 42.6#
77 36.7 26.3 39.5

