

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121123\
 Data File : VU056763.D
 Acq On : 12 Dec 2023 04:11
 Operator : MD/SY
 Sample : 05675-13
 Misc : 25.2mL/MSVOA_U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 12 05:05:02 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)

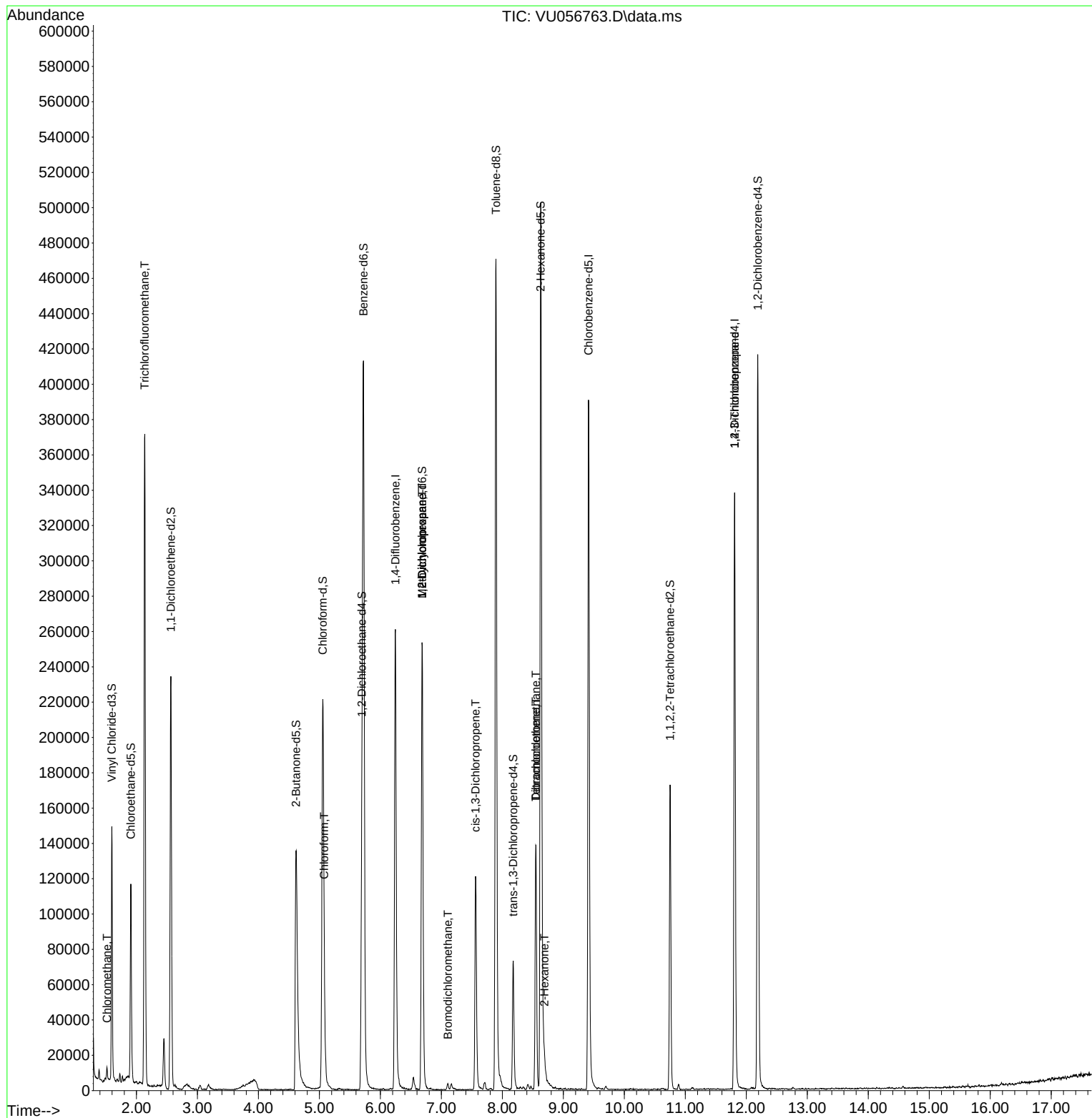
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	215499	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	231298	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	91022	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	102357	5.541	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	110.800%
7) Chloroethane-d5	1.908	69	83923	6.071	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	121.400%
11) 1,1-Dichloroethene-d2	2.564	65	44632	5.647	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	113.000%
20) 2-Butanone-d5	4.615	46	221322	60.671	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.340%
24) Chloroform-d	5.055	84	208903	5.972	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	119.400%
26) 1,2-Dichloroethane-d4	5.695	65	101776	6.149	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	123.000%
32) Benzene-d6	5.721	84	403734	5.628	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.600%
36) 1,2-Dichloropropane-d6	6.682	67	126312	5.625	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.600%
41) Toluene-d8	7.895	98	332845	5.191	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.800%
43) trans-1,3-Dichloroprop...	8.178	79	43398	4.984	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.600%
46) 2-Hexanone-d5	8.628	63	170462	51.901	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.800%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	89121	5.485	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	109550	6.123	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	122.400%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.515	50	4033	0.182	ug/L	91
9) Trichlorofluoromethane	2.136	101	248900	8.010	ug/L	99
25) Chloroform	5.078	83	21937	0.614	ug/L	95
35) Methylcyclohexane	6.682	83	29370	0.893	ug/L #	17
37) 1,2-Dichloropropane	6.682	63	13206	0.635	ug/L #	88
38) Bromodichloromethane	7.107	83	2876	0.108	ug/L #	77
39) cis-1,3-Dichloropropene	7.560	75	3391	0.112	ug/L #	58
47) Tetrachloroethene	8.550	164	29751	1.906	ug/L	92
48) 2-Hexanone	8.689	43	5875	0.835	ug/L #	88
49) Dibromochloromethane	8.547	129	31739	1.964	ug/L #	11
61) 1,2,3-Trichloropropane	11.808	75	11490	1.176	ug/L #	70

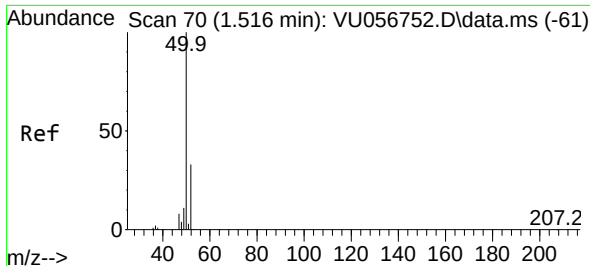
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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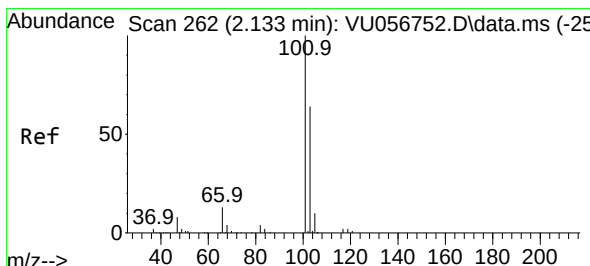
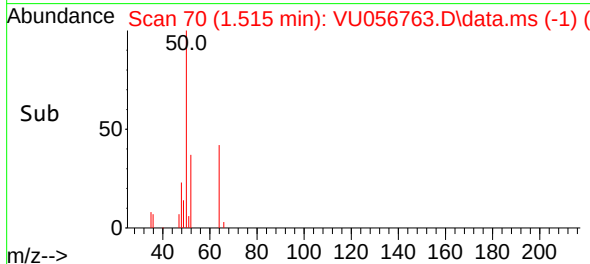
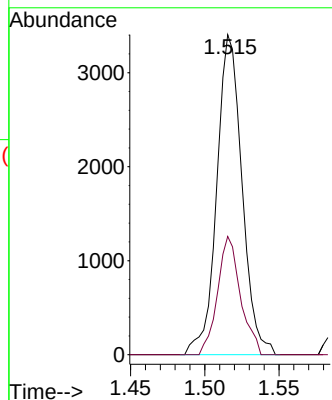
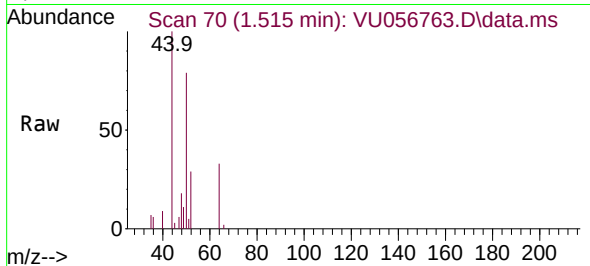




#3
Chloromethane
Concen: 0.182 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU056763.D
Acq: 12 Dec 2023 04:11

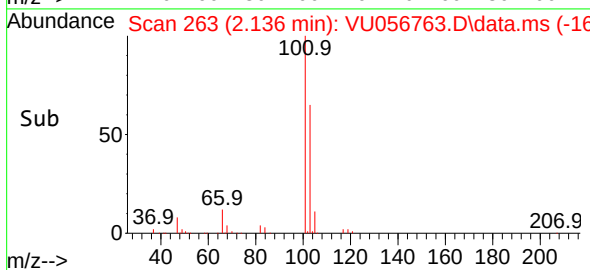
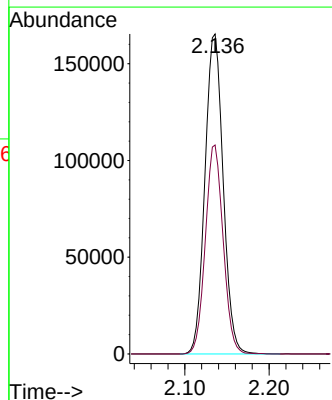
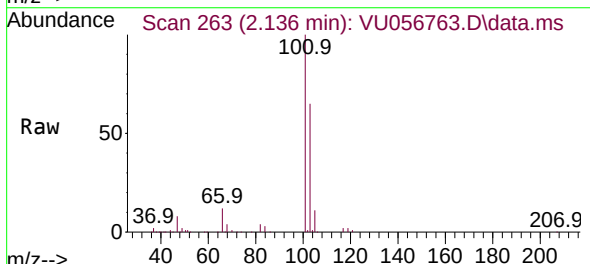
Instrument :
MSVOA_U
ClientSampleId :

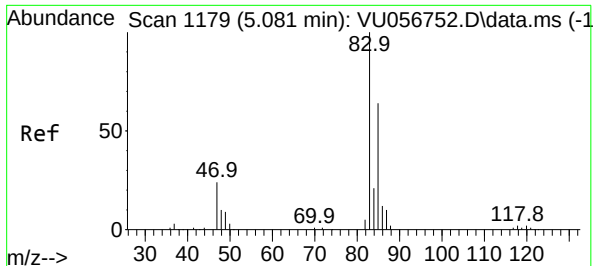
Tgt Ion: 50 Resp: 4033
Ion Ratio Lower Upper
50 100
52 36.9 22.5 41.7



#9
Trichlorofluoromethane
Concen: 8.010 ug/L
RT: 2.136 min Scan# 263
Delta R.T. 0.003 min
Lab File: VU056763.D
Acq: 12 Dec 2023 04:11

Tgt Ion: 101 Resp: 248900
Ion Ratio Lower Upper
101 100
103 63.8 51.4 77.2





#25

Chloroform

Concen: 0.614 ug/L

RT: 5.078 min Scan# 1179

Delta R.T. -0.003 min

Lab File: VU056763.D

Acq: 12 Dec 2023 04:11

Instrument :

MSVOA_U

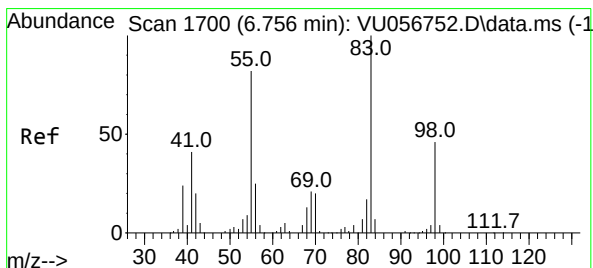
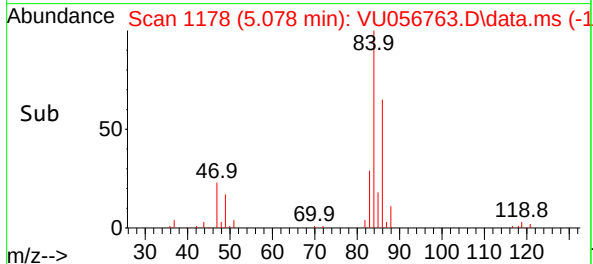
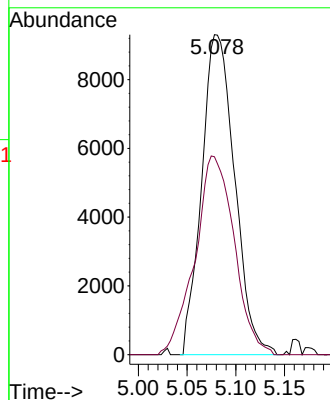
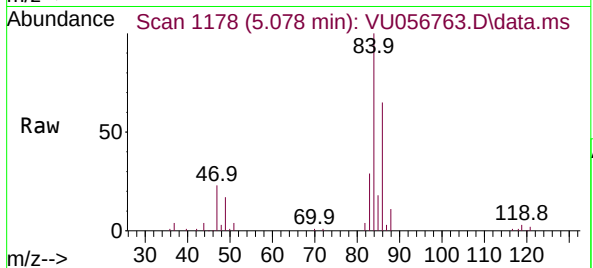
ClientSampleId :

Tgt Ion: 83 Resp: 21937

Ion Ratio Lower Upper

83 100

85 61.8 45.8 85.0



#35

Methylcyclohexane

Concen: 0.893 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

Lab File: VU056763.D

Acq: 12 Dec 2023 04:11

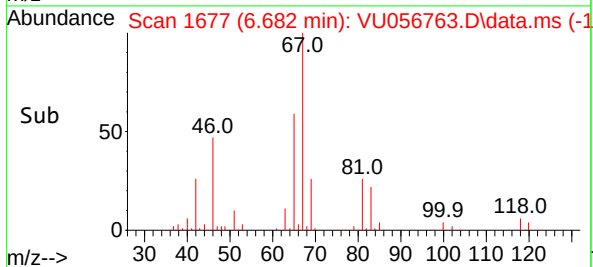
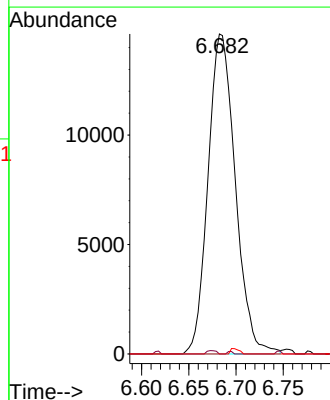
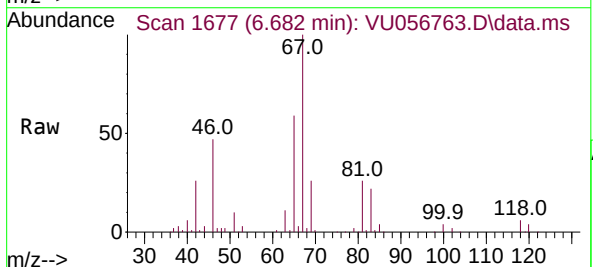
Tgt Ion: 83 Resp: 29370

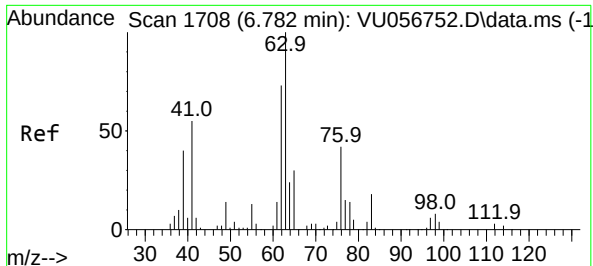
Ion Ratio Lower Upper

83 100

55 0.4 64.6 97.0#

98 0.0 36.1 54.1#





#37

1,2-Dichloropropane

Concen: 0.635 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU056763.D

Acq: 12 Dec 2023 04:11

Instrument :

MSVOA_U

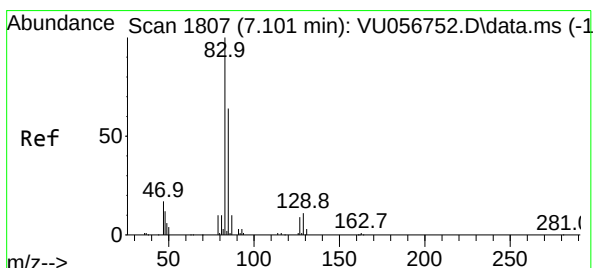
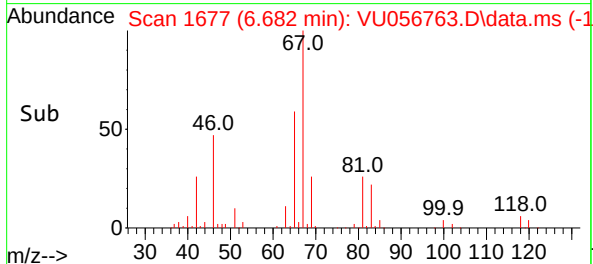
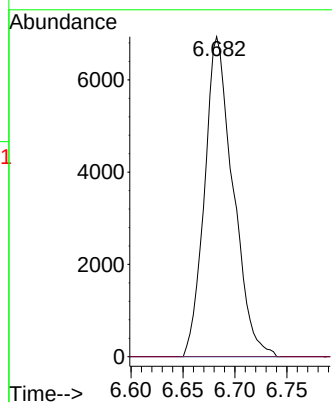
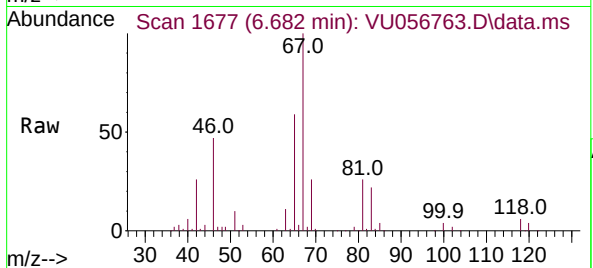
ClientSampleId :

Tgt Ion: 63 Resp: 13206

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



#38

Bromodichloromethane

Concen: 0.108 ug/L

RT: 7.107 min Scan# 1809

Delta R.T. 0.006 min

Lab File: VU056763.D

Acq: 12 Dec 2023 04:11

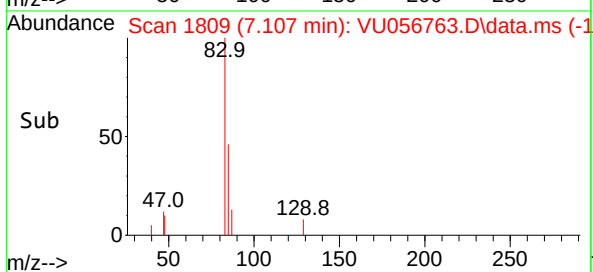
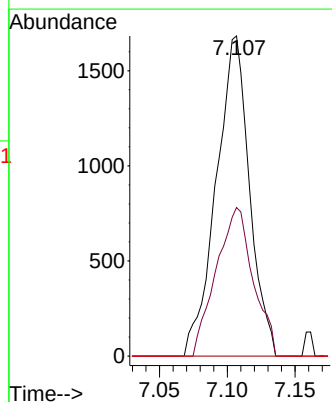
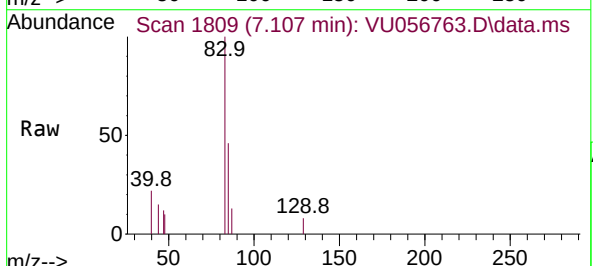
Tgt Ion: 83 Resp: 2876

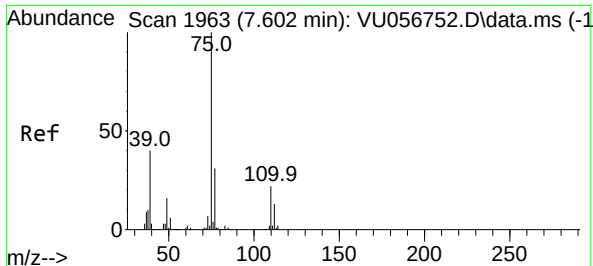
Ion Ratio Lower Upper

83 100

85 46.4 45.0 83.6

127 0.0 7.0 10.4#

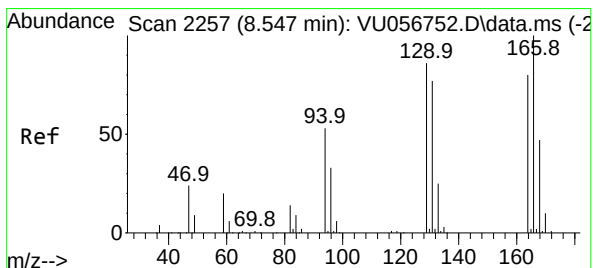
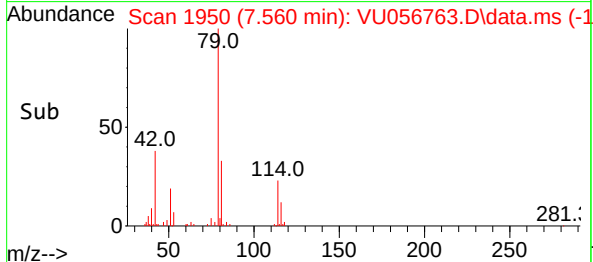
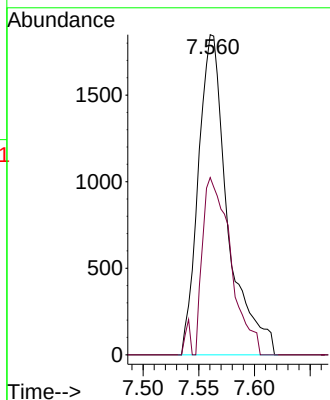
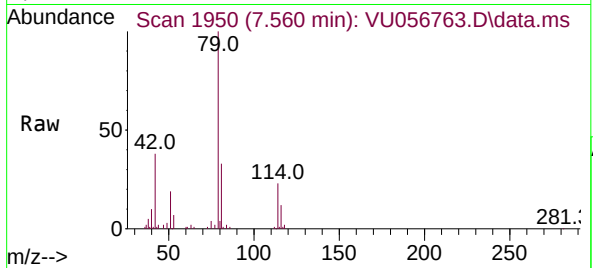




#39
cis-1,3-Dichloropropene
Concen: 0.112 ug/L
RT: 7.560 min Scan# 1963
Delta R.T. -0.042 min
Lab File: VU056763.D
Acq: 12 Dec 2023 04:11

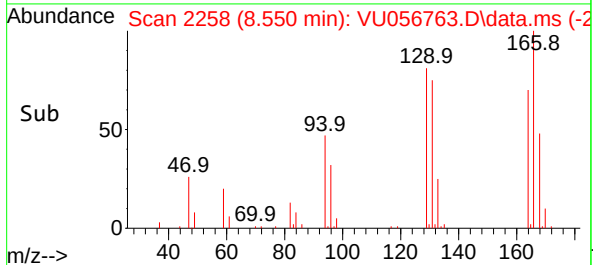
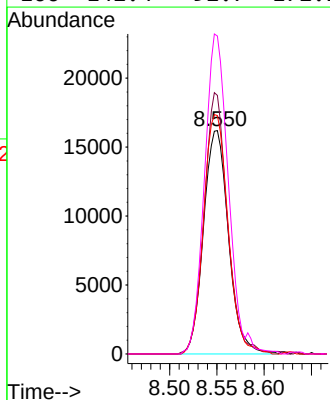
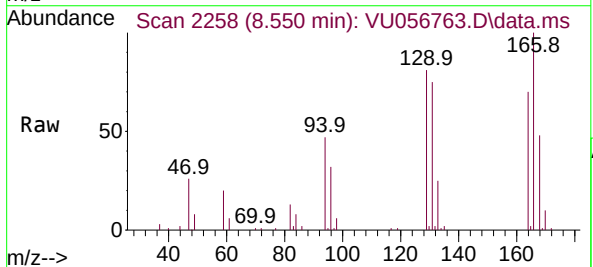
Instrument :
MSVOA_U
ClientSampleId :

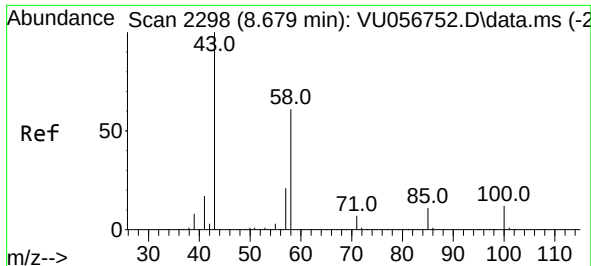
Tgt Ion: 75 Resp: 3391
Ion Ratio Lower Upper
75 100
77 55.4 22.3 41.5#



#47
Tetrachloroethene
Concen: 1.906 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.003 min
Lab File: VU056763.D
Acq: 12 Dec 2023 04:11

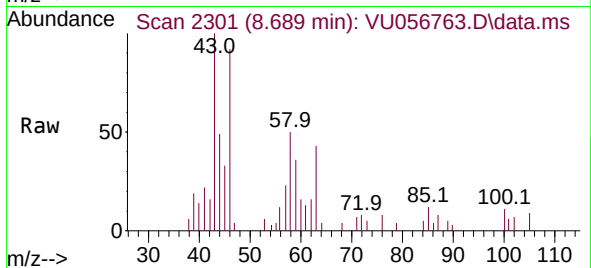
Tgt Ion: 164 Resp: 29751
Ion Ratio Lower Upper
164 100
129 115.8 73.4 136.4
131 106.7 71.5 132.9
166 142.4 92.7 172.1



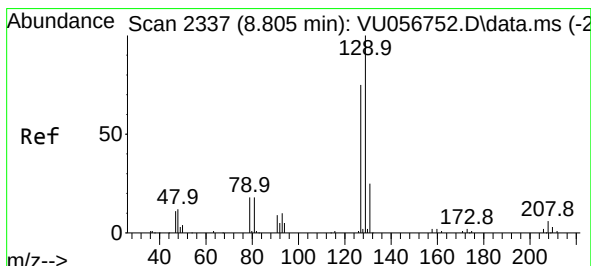
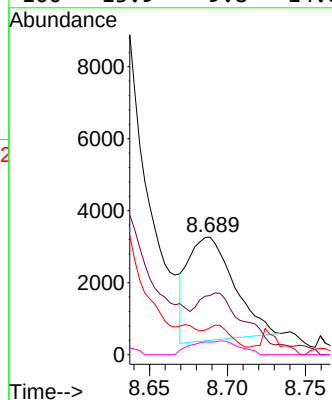
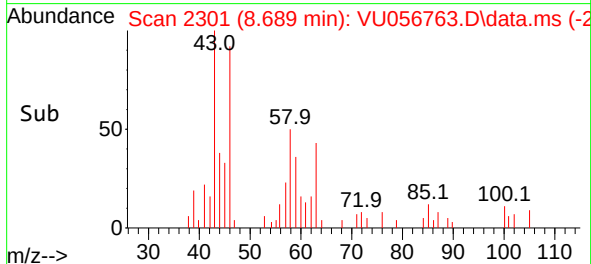


#48
2-Hexanone
Concen: 0.835 ug/L
RT: 8.689 min Scan# 211
Delta R.T. 0.010 min
Lab File: VU056763.D
Acq: 12 Dec 2023 04:11

Instrument :
MSVOA_U
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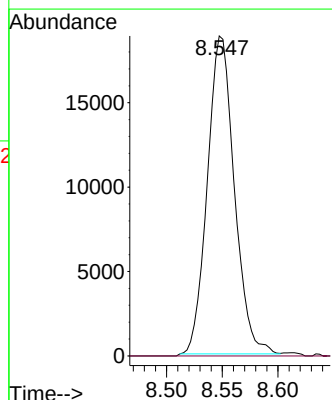
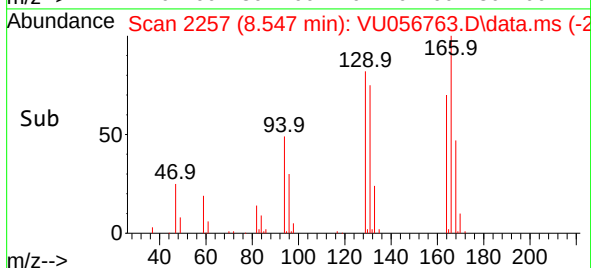
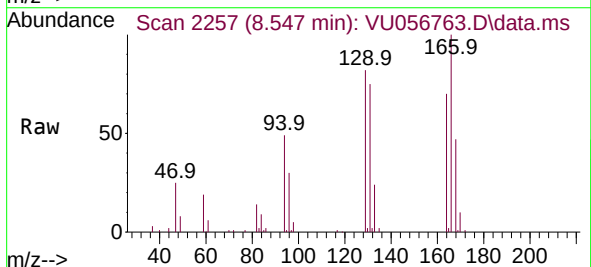


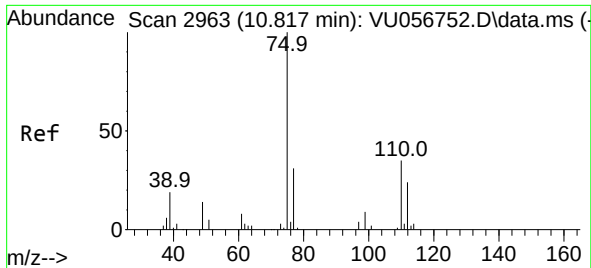
Tgt Ion: 43 Resp: 5875
Ion Ratio Lower Upper
43 100
58 52.7 47.5 71.3
57 9.3 17.0 25.4#
100 13.9 9.8 14.8



#49
Dibromochloromethane
Concen: 1.964 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.257 min
Lab File: VU056763.D
Acq: 12 Dec 2023 04:11

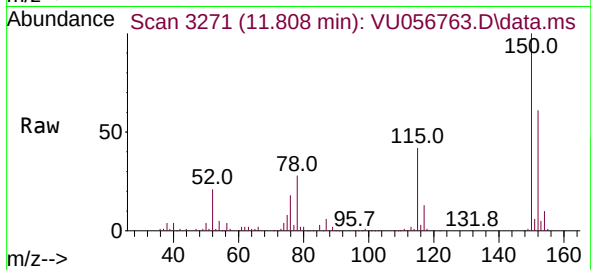
Tgt Ion: 129 Resp: 31739
Ion Ratio Lower Upper
129 100
127 0.0 53.9 100.1#





#61
1,2,3-Trichloropropane
Concen: 1.176 ug/L
RT: 11.808 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU056763.D
Acq: 12 Dec 2023 04:11

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 11490
Ion Ratio Lower Upper
75 100
110 3.4 28.4 42.6#
77 30.9 26.3 39.5

