

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120723\
 Data File : VU056682.D
 Acq On : 07 Dec 2023 15:16
 Operator : MD/SY
 Sample : 05627-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 08 02:03:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 07 04:51:32 2023
 Response via : Initial Calibration

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

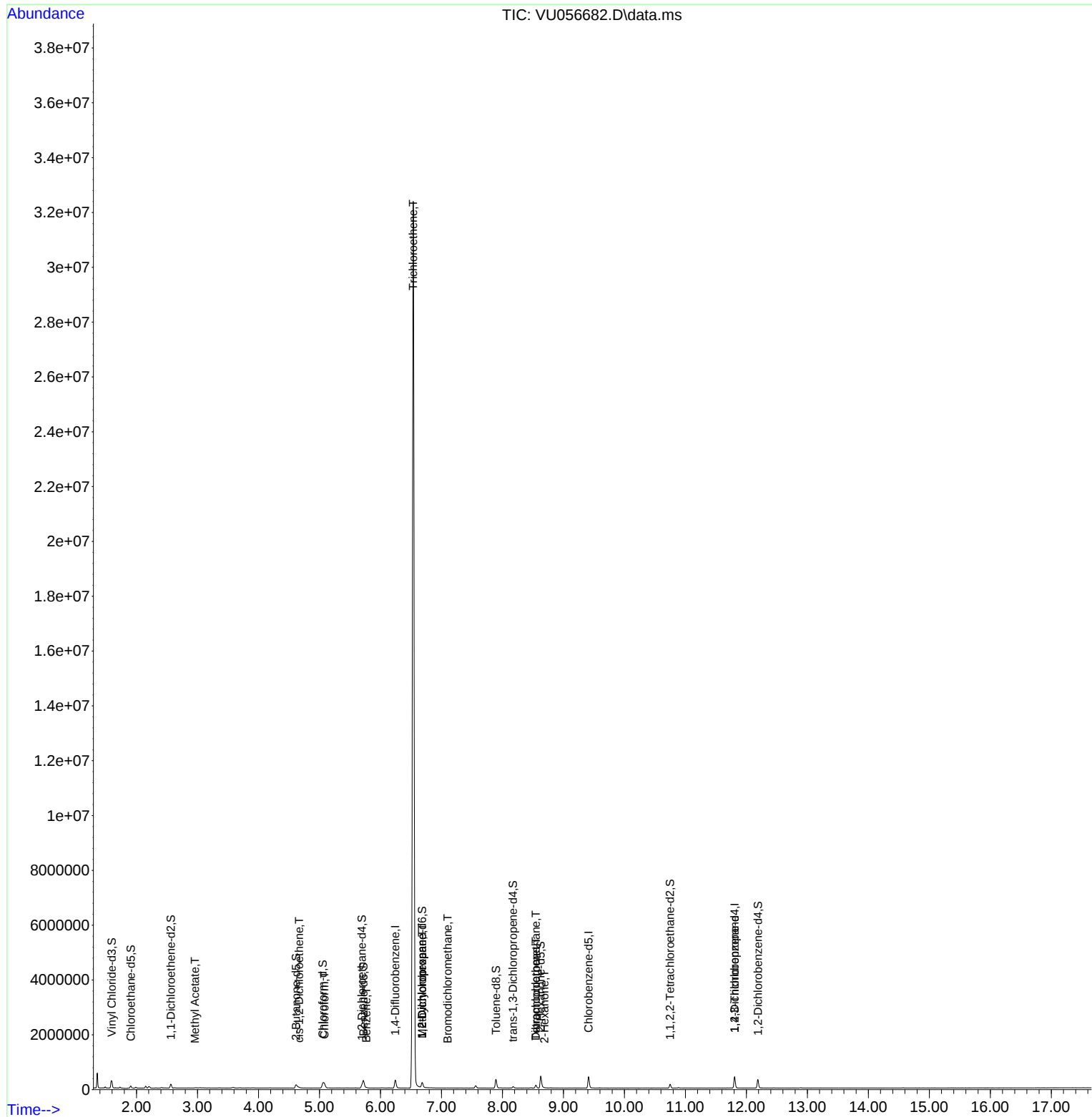
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	236361	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	241392	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	110655	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	56146	3.176	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.600%
7) Chloroethane-d5	1.907	69	54241	4.002	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.000%
11) 1,1-Dichloroethene-d2	2.563	65	27137	3.478	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.600%
20) 2-Butanone-d5	4.615	46	192653	54.650	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.300%
24) Chloroform-d	5.055	84	152098	4.448	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
26) 1,2-Dichloroethane-d4	5.695	65	73151	4.629	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
32) Benzene-d6	5.721	84	262618	3.652	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.000%
36) 1,2-Dichloropropane-d6	6.685	67	90788	4.188	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.800%
41) Toluene-d8	7.894	98	220102	3.466	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.400%#
43) trans-1,3-Dichloroprop...	8.174	79	31484	3.787	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.800%
46) 2-Hexanone-d5	8.627	63	153579	47.010	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.020%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	69919	4.514	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	80175	3.922	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	78.400%#
Target Compounds						Qvalue
15) Methyl Acetate	2.959	43	2610	0.488	ug/L #	49
22) cis-1,2-Dichloroethene	4.666	96	7329	0.434	ug/L	96
25) Chloroform	5.081	83	127638	3.995	ug/L	95
33) Benzene	5.772	78	22734	0.330	ug/L	100
34) Trichloroethene	6.537	95	11766336	626.987	ug/L	97
35) Methylcyclohexane	6.682	83	21332	0.787	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	9737	0.542	ug/L #	90
38) Bromodichloromethane	7.103	83	2973	0.128	ug/L #	90
47) Tetrachloroethene	8.550	164	24116	1.906	ug/L	99
48) 2-Hexanone	8.688	43	7119	1.026	ug/L #	73
49) Dibromochloromethane	8.550	129	25023	1.839	ug/L #	12
61) 1,2,3-Trichloropropane	11.807	75	12611	1.328	ug/L #	65

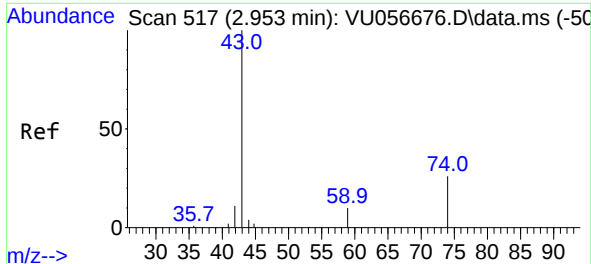
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 07 04:51:32 2023
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#15

Methyl Acetate

Concen: 0.488 ug/L

RT: 2.959 min Scan# 51

Delta R.T. 0.010 min

Lab File: VU056682.D

Acq: 07 Dec 2023 15:16

Instrument :

MSVOA_U

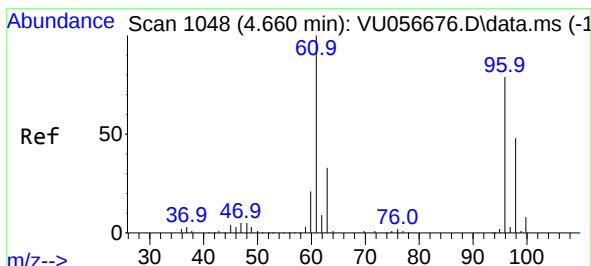
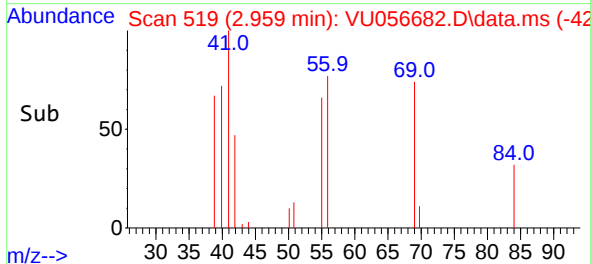
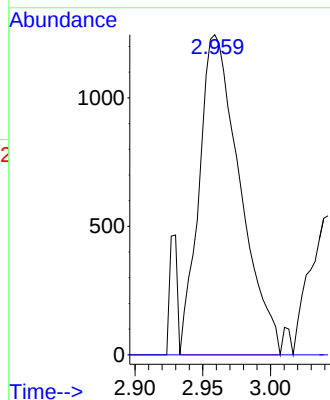
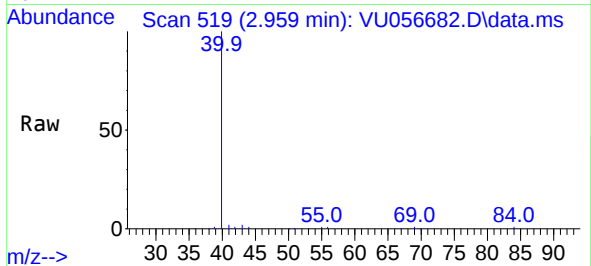
ClientSampleId :

Tgt Ion: 43 Resp: 2610

Ion Ratio Lower Upper

43 100

74 0.0 20.6 31.0#



#22

cis-1,2-Dichloroethene

Concen: 0.434 ug/L

RT: 4.666 min Scan# 1050

Delta R.T. 0.003 min

Lab File: VU056682.D

Acq: 07 Dec 2023 15:16

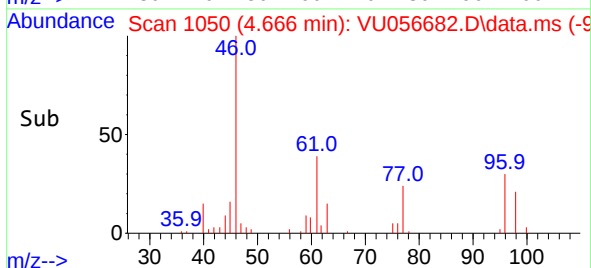
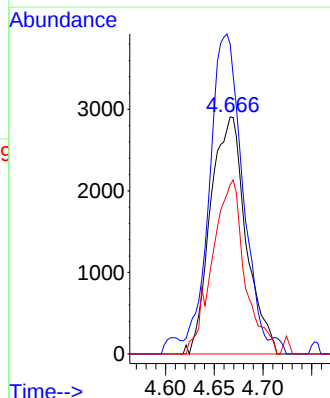
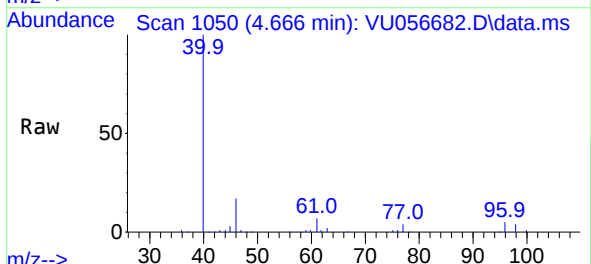
Tgt Ion: 96 Resp: 7329

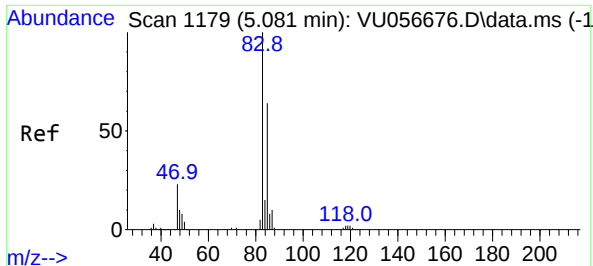
Ion Ratio Lower Upper

96 100

61 130.8 93.2 173.2

98 71.4 44.8 83.2

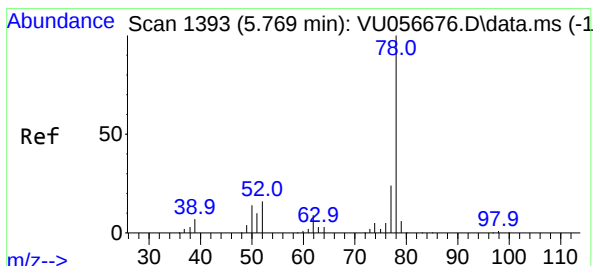
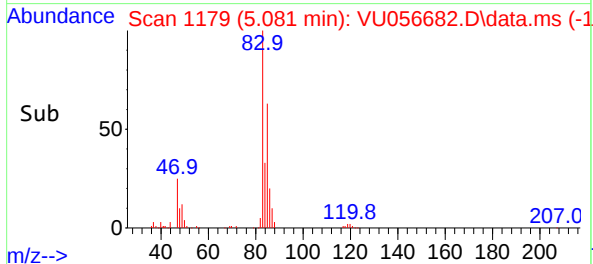
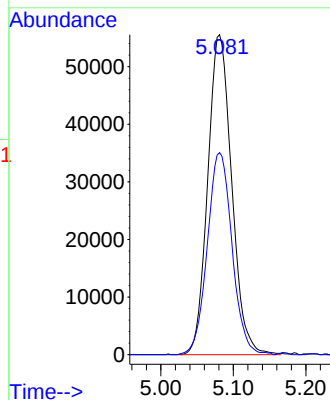
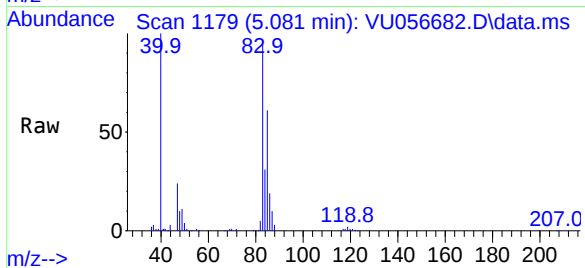




#25
Chloroform
Concen: 3.995 ug/L
RT: 5.081 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VU056682.D
Acq: 07 Dec 2023 15:16

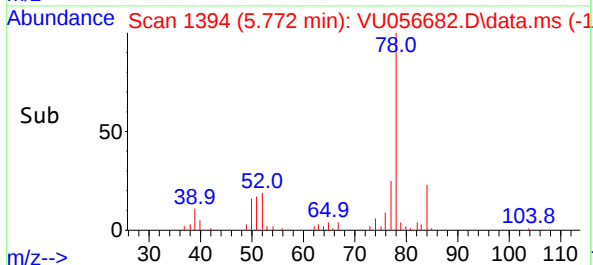
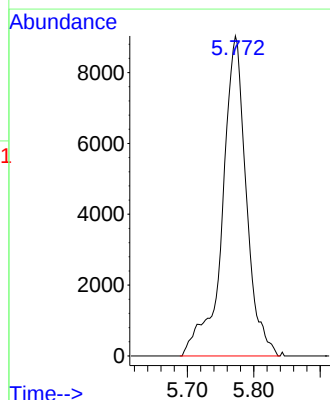
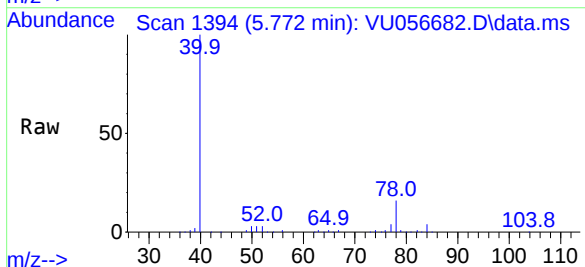
Instrument :
MSVOA_U
ClientSampleId :

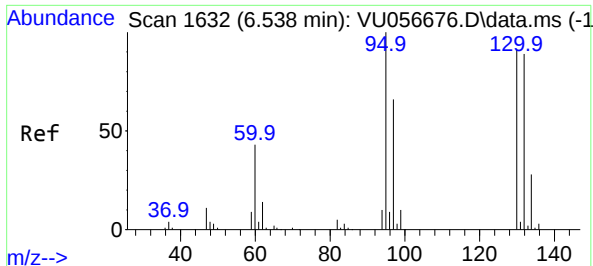
Tgt Ion: 83 Resp: 127638
Ion Ratio Lower Upper
83 100
85 63.2 47.0 87.2



#33
Benzene
Concen: 0.330 ug/L
RT: 5.772 min Scan# 1394
Delta R.T. 0.003 min
Lab File: VU056682.D
Acq: 07 Dec 2023 15:16

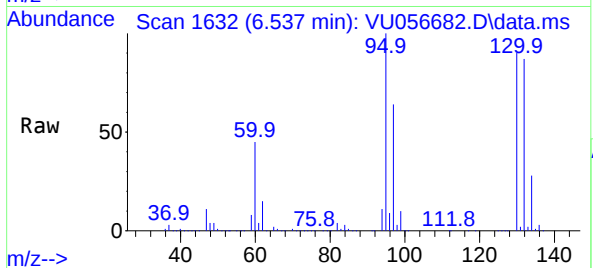
Tgt Ion: 78 Resp: 22734





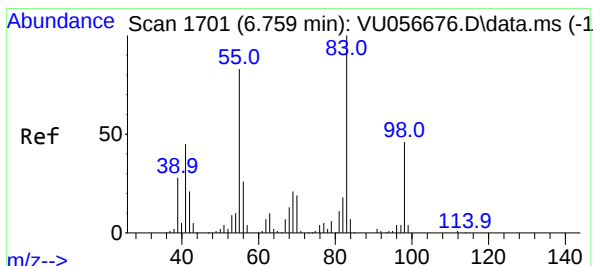
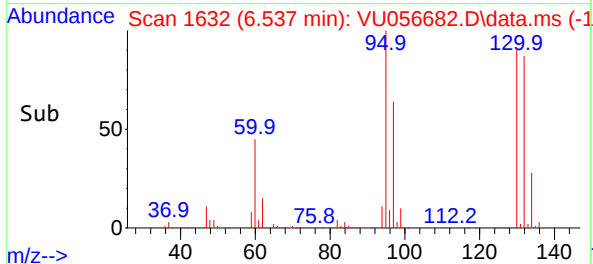
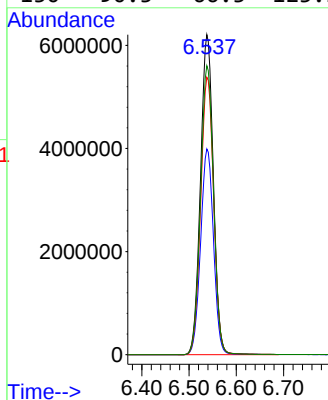
#34
Trichloroethene
Concen: 626.987 ug/L
RT: 6.537 min Scan# 11766336
Delta R.T. 0.000 min
Lab File: VU056682.D
Acq: 07 Dec 2023 15:16

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp:11766336

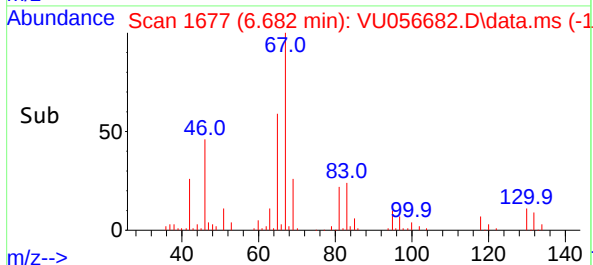
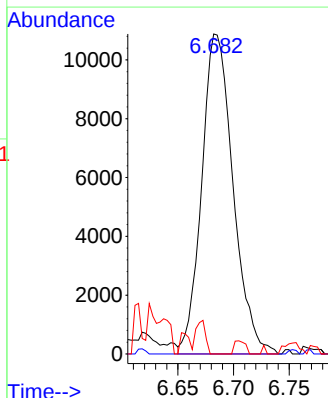
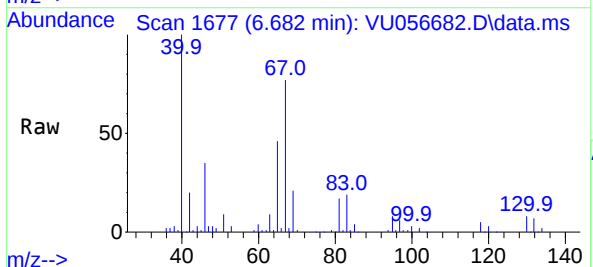
Ion	Ratio	Lower	Upper
95	100		
97	64.3	46.5	86.3
132	86.7	62.0	115.2
130	90.3	66.3	123.1

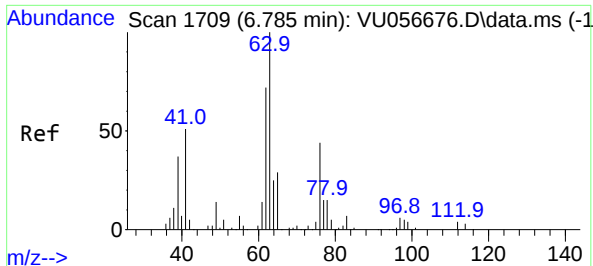


#35
Methylcyclohexane
Concen: 0.787 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.077 min
Lab File: VU056682.D
Acq: 07 Dec 2023 15:16

Tgt Ion: 83 Resp: 21332

Ion	Ratio	Lower	Upper
83	100		
55	0.4	62.9	94.3#
98	0.0	35.3	52.9#

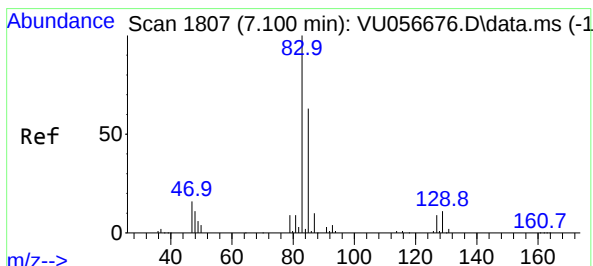
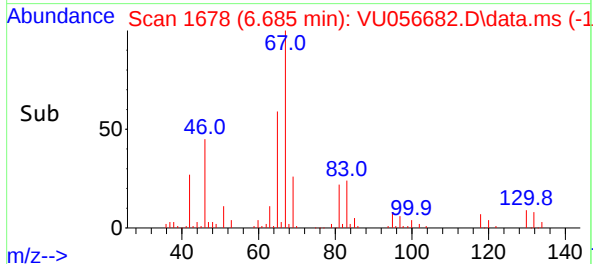
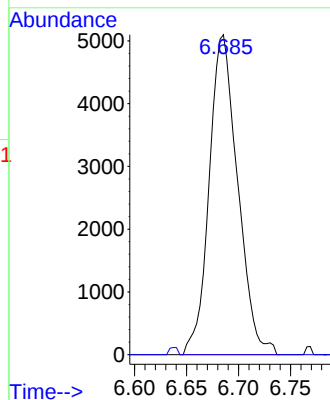
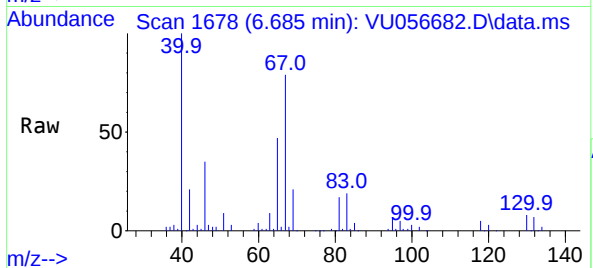




#37
1,2-Dichloropropane
Concen: 0.542 ug/L
RT: 6.685 min Scan# 11
Delta R.T. -0.100 min
Lab File: VU056682.D
Acq: 07 Dec 2023 15:16

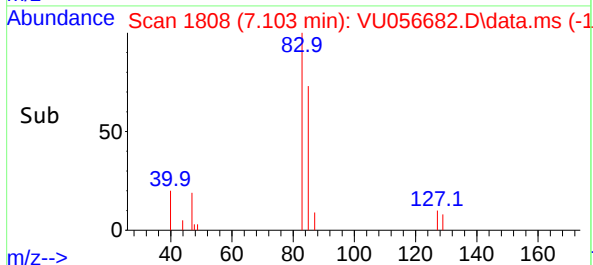
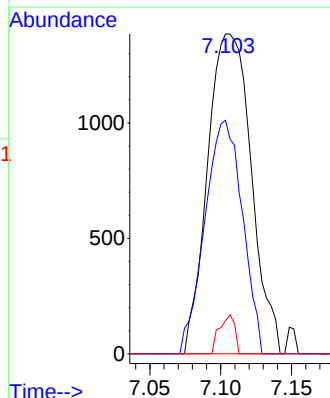
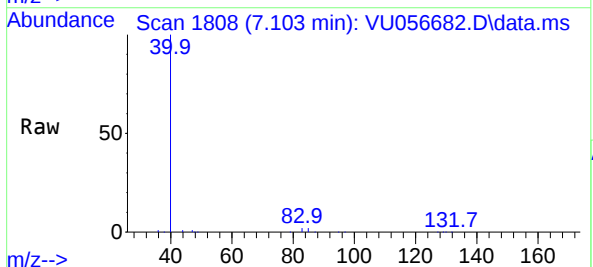
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ClientSampleId :

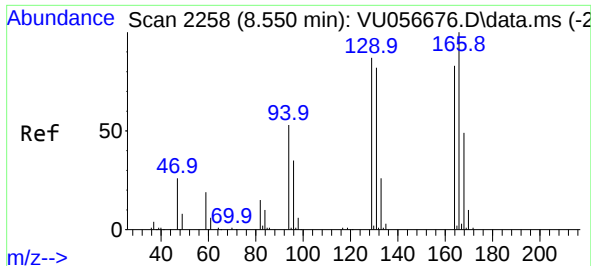
Tgt Ion: 63 Resp: 9737
Ion Ratio Lower Upper
63 100
112 0.6 3.2 4.8#



#38
Bromodichloromethane
Concen: 0.128 ug/L
RT: 7.103 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VU056682.D
Acq: 07 Dec 2023 15:16

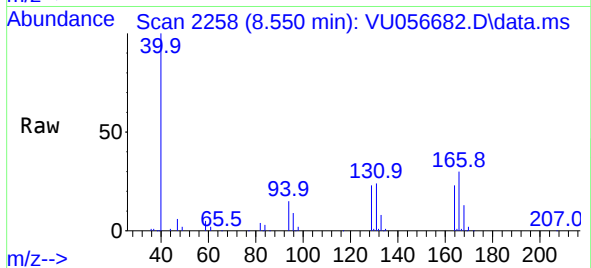
Tgt Ion: 83 Resp: 2973
Ion Ratio Lower Upper
83 100
85 73.0 44.9 83.5
127 10.4 6.9 10.3#



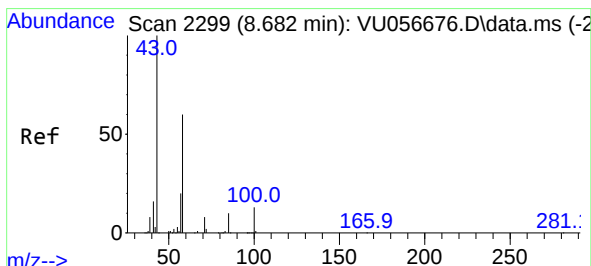
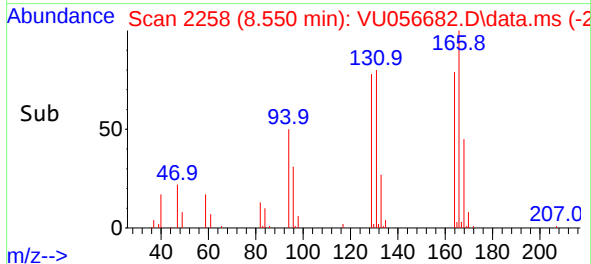
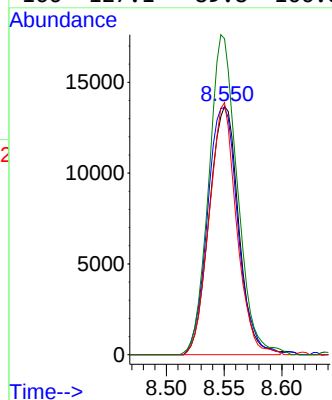


#47
Tetrachloroethene
Concen: 1.906 ug/L
RT: 8.550 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU056682.D
Acq: 07 Dec 2023 15:16

Instrument :
MSVOA_U
ClientSampleId :

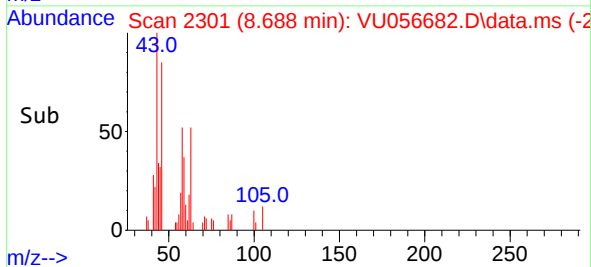
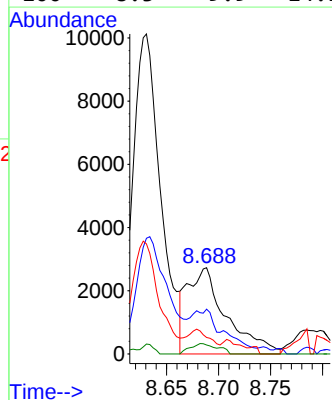
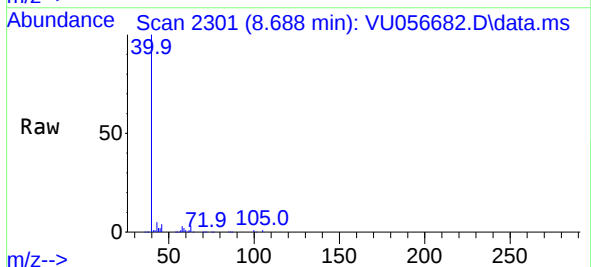


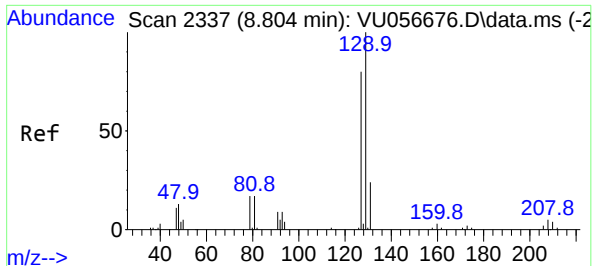
Tgt Ion:164 Resp: 24116
Ion Ratio Lower Upper
164 100
129 99.4 71.0 131.9
131 101.4 70.3 130.7
166 127.1 89.8 166.8



#48
2-Hexanone
Concen: 1.026 ug/L
RT: 8.688 min Scan# 2301
Delta R.T. 0.010 min
Lab File: VU056682.D
Acq: 07 Dec 2023 15:16

Tgt Ion: 43 Resp: 7119
Ion Ratio Lower Upper
43 100
58 35.9 48.7 73.1#
57 12.6 16.8 25.2#
100 8.3 9.9 14.9#





#49

Dibromochloromethane

Concen: 1.839 ug/L

RT: 8.550 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU056682.D

Acq: 07 Dec 2023 15:16

Instrument :

MSVOA_U

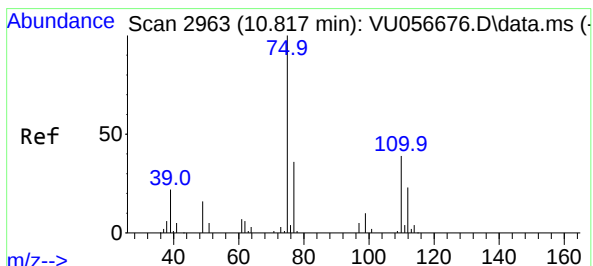
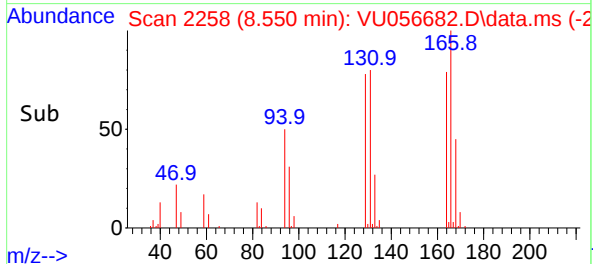
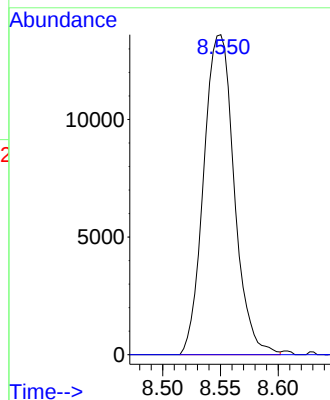
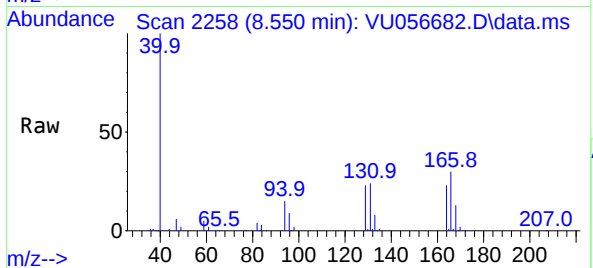
ClientSampleId :

Tgt Ion:129 Resp: 25023

Ion Ratio Lower Upper

129 100

127 0.0 52.9 98.3#



#61

1,2,3-Trichloropropane

Concen: 1.328 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU056682.D

Acq: 07 Dec 2023 15:16

Tgt Ion: 75 Resp: 12611

Ion Ratio Lower Upper

75 100

110 2.8 30.4 45.6#

77 38.5 27.0 40.6

