

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051424\
 Data File : VU058893.D
 Acq On : 14 May 2024 18:04
 Operator : MD/SY
 Sample : P2392-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 15 01:10:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 15 00:49:30 2024
 Response via : Initial Calibration

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

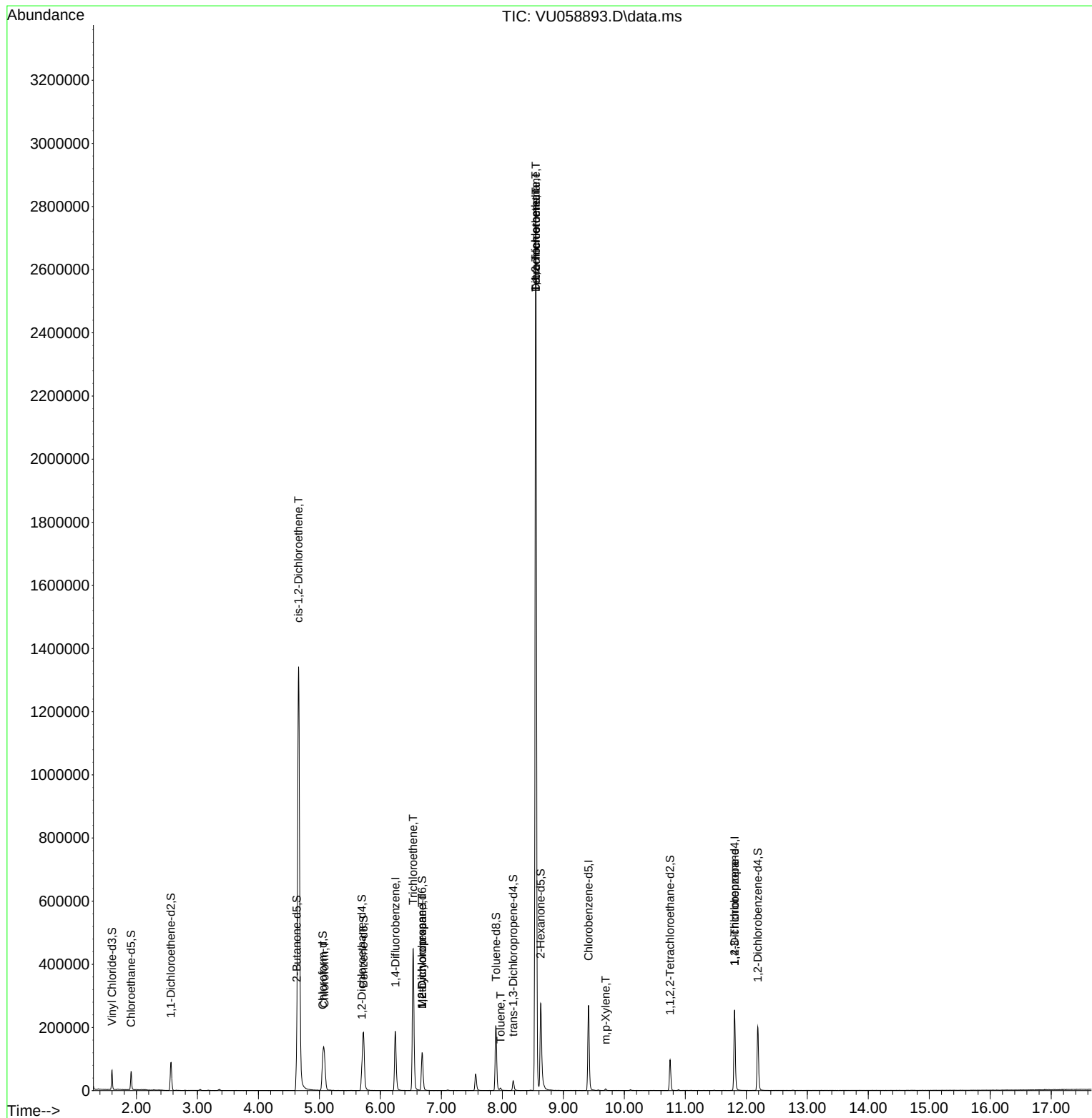
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	153585	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	152358	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	70652	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	42120	4.528	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.600%
7) Chloroethane-d5	1.911	69	40530	4.820	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.400%
11) 1,1-Dichloroethene-d2	2.563	65	17802	4.695	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.000%
20) 2-Butanone-d5	4.628	46	138451	57.240	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.480%
24) Chloroform-d	5.055	84	94845	5.048	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
26) 1,2-Dichloroethane-d4	5.695	65	48749	5.049	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
32) Benzene-d6	5.721	84	177023	5.062	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.200%
36) 1,2-Dichloropropane-d6	6.685	67	60669	5.206	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.200%
41) Toluene-d8	7.894	98	143750	4.516	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
43) trans-1,3-Dichloroprop...	8.177	79	19172	4.794	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.800%
46) 2-Hexanone-d5	8.627	63	107710	56.126	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.260%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	51097	5.077	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	54558	5.135	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.600%
Target Compounds						Qvalue
22) cis-1,2-Dichloroethene	4.657	96	693362	59.779	ug/L	94
25) Chloroform	5.081	83	89961	4.088	ug/L	100
34) Trichloroethene	6.534	95	158332	13.365	ug/L	98
35) Methylcyclohexane	6.685	83	13385	0.792	ug/L #	20
37) 1,2-Dichloropropane	6.682	63	6482	0.510	ug/L #	90
42) Toluene	7.968	91	5922	0.127	ug/L	99
45) 1,1,2-Trichloroethane	8.544	97	5038	0.563	ug/L #	1
47) Tetrachloroethene	8.547	164	593998	70.382	ug/L	98
49) Dibromochloromethane	8.547	129	586751	62.220	ug/L #	12
53) m,p-Xylene	9.695	106	1816	0.098	ug/L	94
61) 1,2,3-Trichloropropane	11.807	75	9493	1.305	ug/L #	67

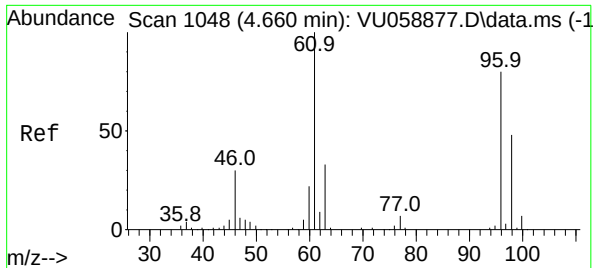
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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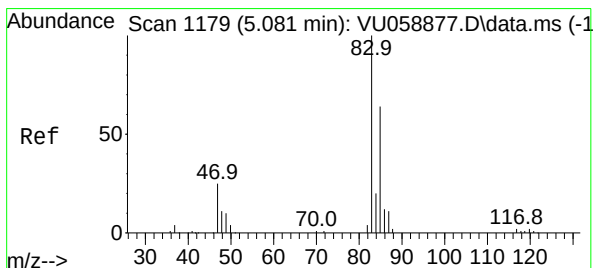
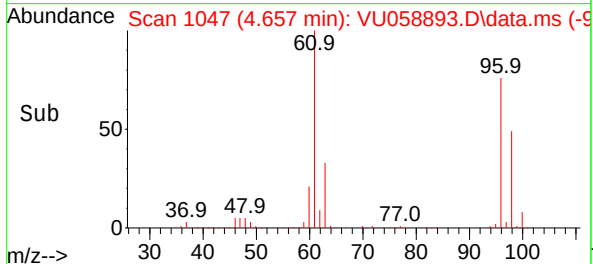
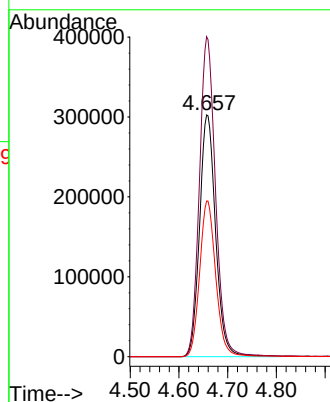
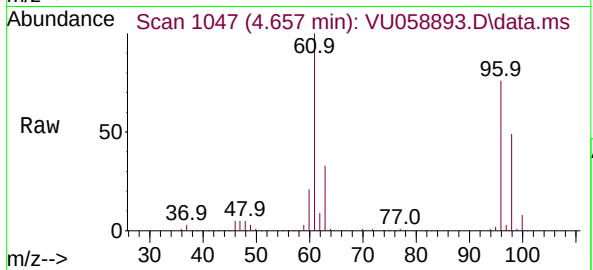




#22
cis-1,2-Dichloroethene
Concen: 59.779 ug/L
RT: 4.657 min Scan# 1107
Delta R.T. -0.003 min
Lab File: VU058893.D
Acq: 14 May 2024 18:04

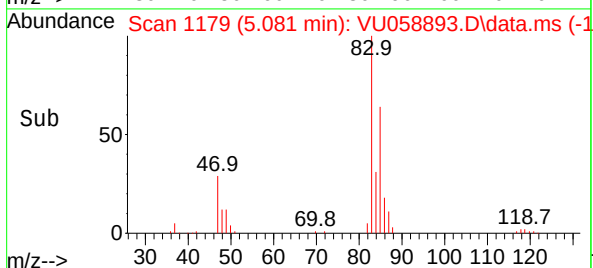
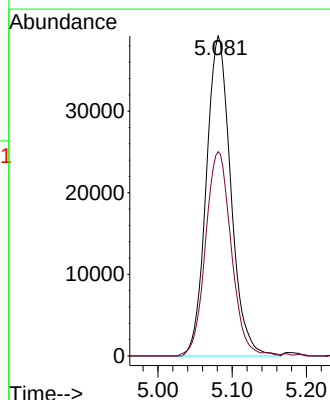
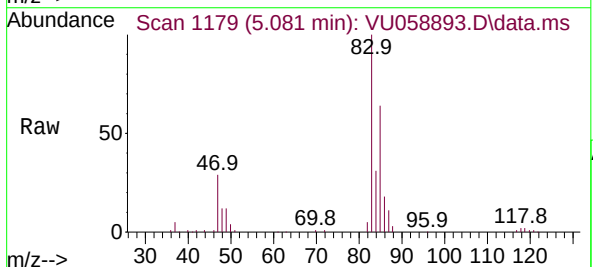
Instrument :
MSVOA_U
ClientSampleId :

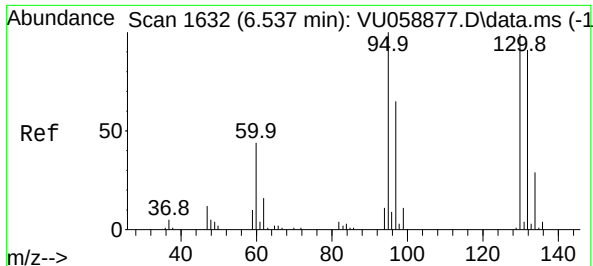
Tgt Ion: 96 Resp: 693362
Ion Ratio Lower Upper
96 100
61 132.3 87.4 162.2
98 64.4 42.3 78.5



#25
Chloroform
Concen: 4.088 ug/L
RT: 5.081 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VU058893.D
Acq: 14 May 2024 18:04

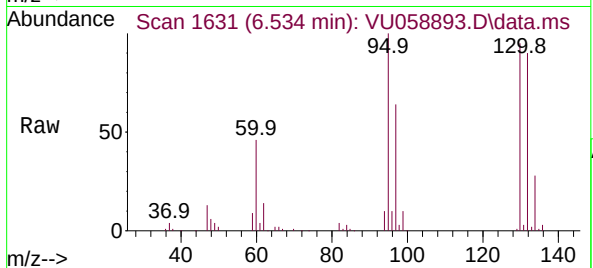
Tgt Ion: 83 Resp: 89961
Ion Ratio Lower Upper
83 100
85 63.9 44.7 83.1



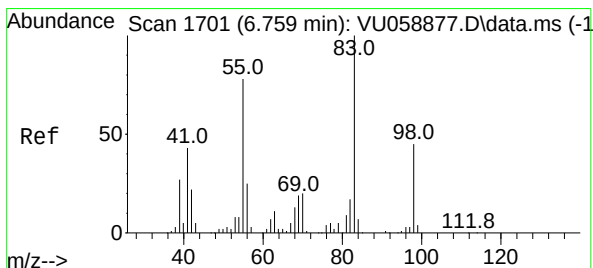
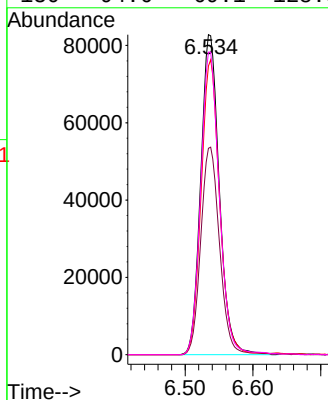
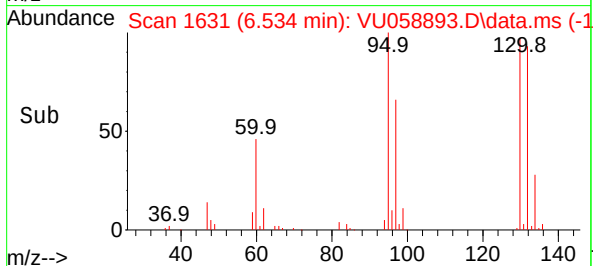


#34
Trichloroethene
Concen: 13.365 ug/L
RT: 6.534 min Scan# 1632
Delta R.T. -0.003 min
Lab File: VU058893.D
Acq: 14 May 2024 18:04

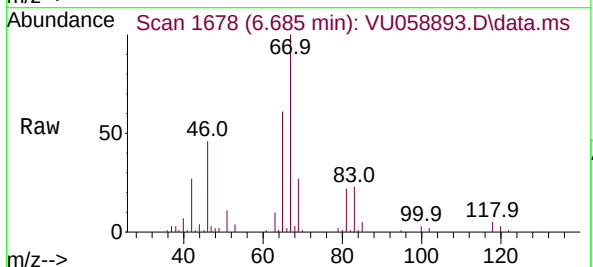
Instrument :
MSVOA_U
ClientSampleId :



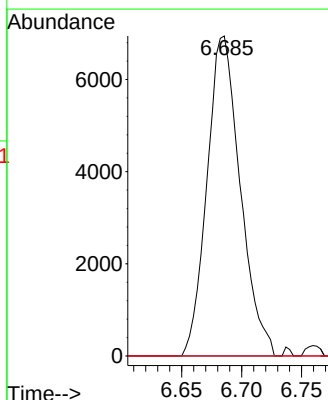
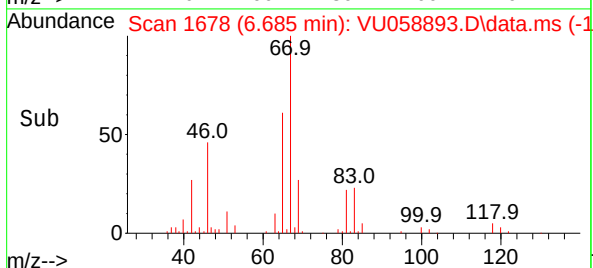
Tgt Ion: 95 Resp: 158332
Ion Ratio Lower Upper
95 100
97 64.5 45.3 84.1
132 90.2 64.0 119.0
130 94.6 69.1 128.3

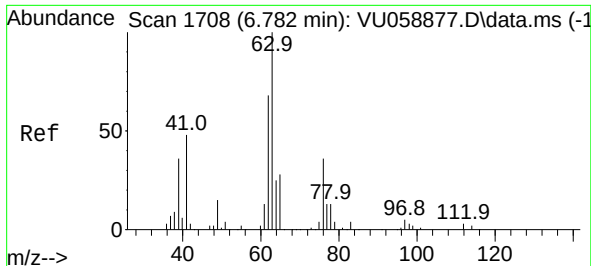


#35
Methylcyclohexane
Concen: 0.792 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU058893.D
Acq: 14 May 2024 18:04



Tgt Ion: 83 Resp: 13385
Ion Ratio Lower Upper
83 100
55 0.0 62.7 94.1#
98 4.5 35.4 53.0#

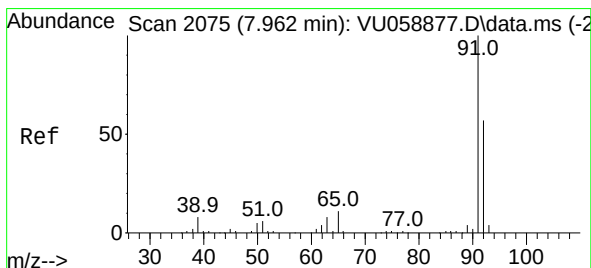
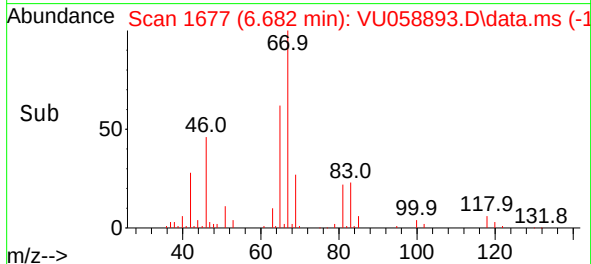
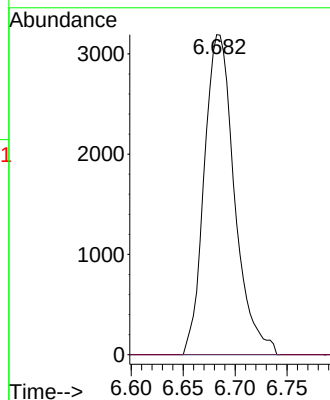
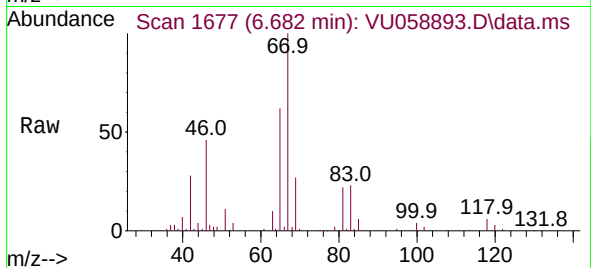




#37
1,2-Dichloropropane
Concen: 0.510 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.099 min
Lab File: VU058893.D
Acq: 14 May 2024 18:04

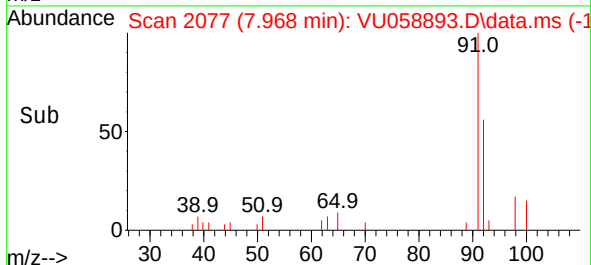
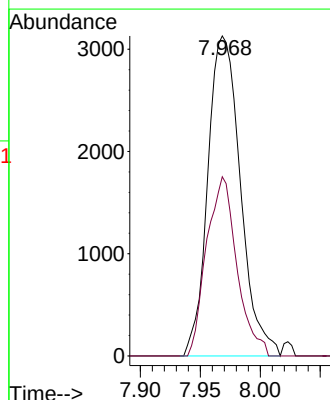
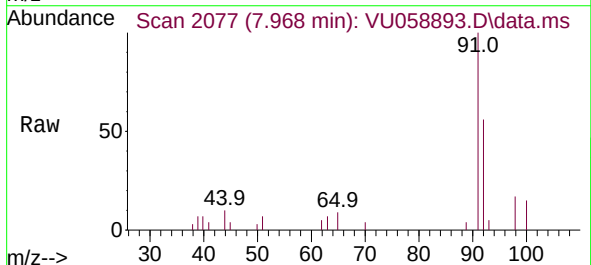
Instrument :
MSVOA_U
ClientSampleId :

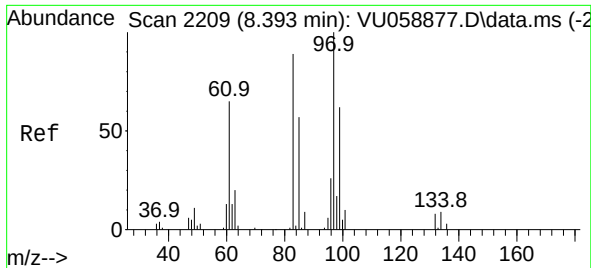
Tgt Ion: 63 Resp: 6482
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#



#42
Toluene
Concen: 0.127 ug/L
RT: 7.968 min Scan# 2077
Delta R.T. 0.007 min
Lab File: VU058893.D
Acq: 14 May 2024 18:04

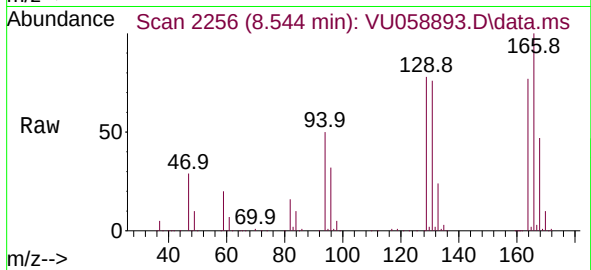
Tgt Ion: 91 Resp: 5922
Ion Ratio Lower Upper
91 100
92 56.0 39.7 73.7



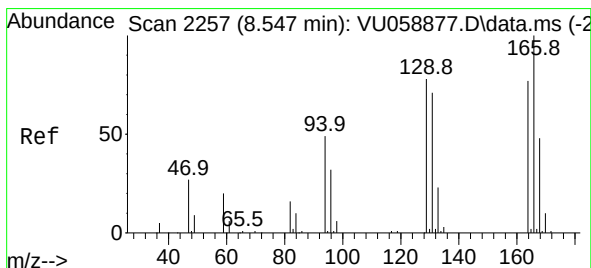
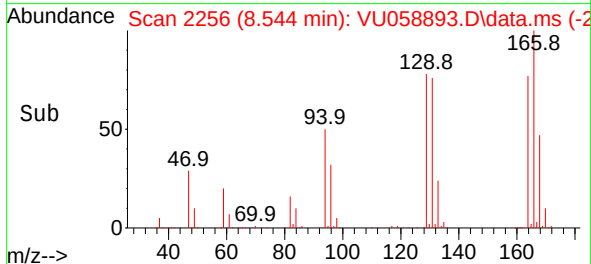
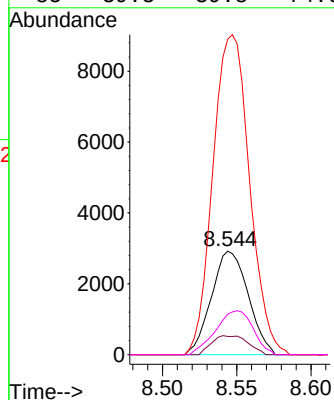


#45
1,1,2-Trichloroethane
Concen: 0.563 ug/L
RT: 8.544 min Scan# 2209
Delta R.T. 0.151 min
Lab File: VU058893.D
Acq: 14 May 2024 18:04

Instrument :
MSVOA_U
ClientSampleId :

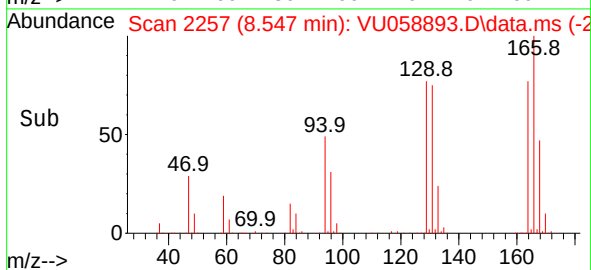
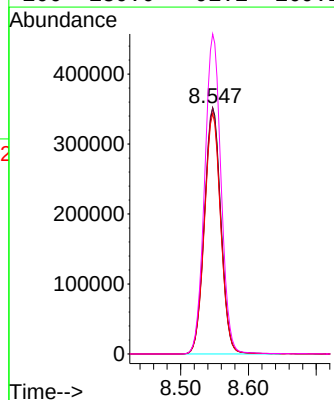
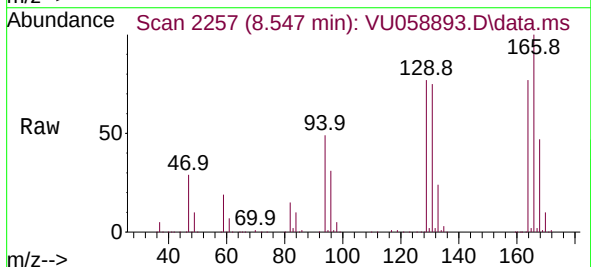


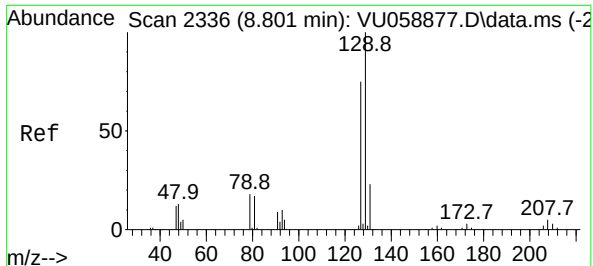
Tgt Ion: 97 Resp: 5038
Ion Ratio Lower Upper
97 100
99 17.7 43.3 80.3#
83 304.9 62.3 115.7#
85 39.3 39.8 74.0#



#47
Tetrachloroethene
Concen: 70.382 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU058893.D
Acq: 14 May 2024 18:04

Tgt Ion:164 Resp: 593998
Ion Ratio Lower Upper
164 100
129 100.0 70.8 131.4
131 97.7 64.8 120.3
166 130.0 91.1 169.1





#49

Dibromochloromethane

Concen: 62.220 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU058893.D

Acq: 14 May 2024 18:04

Instrument :

MSVOA_U

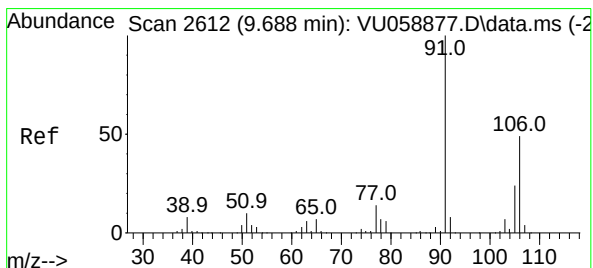
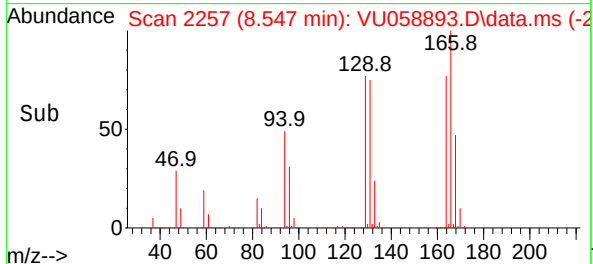
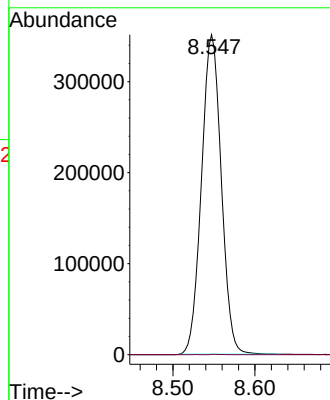
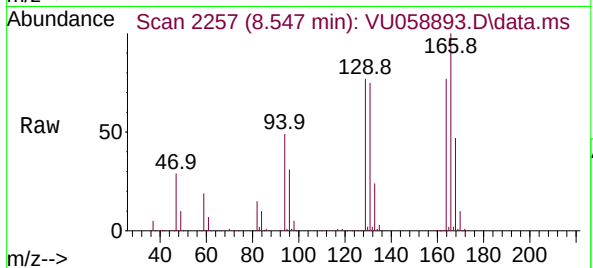
ClientSampleId :

Tgt Ion:129 Resp: 586751

Ion Ratio Lower Upper

129 100

127 0.1 52.5 97.5#



#53

m,p-Xylene

Concen: 0.098 ug/L

RT: 9.695 min Scan# 2614

Delta R.T. 0.007 min

Lab File: VU058893.D

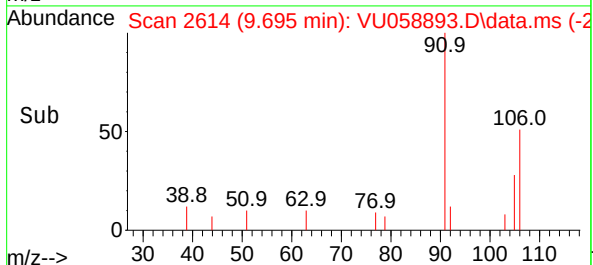
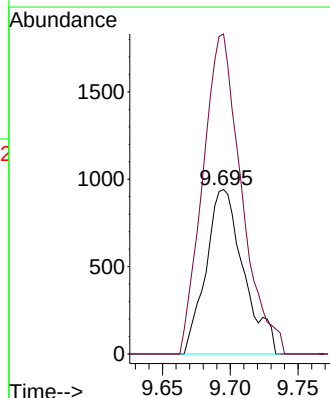
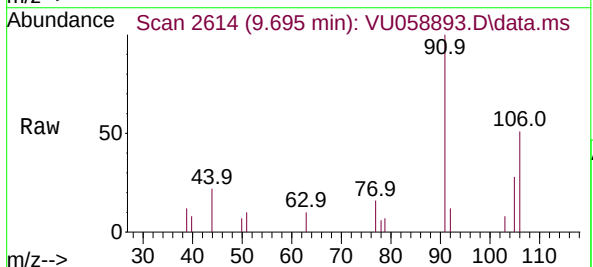
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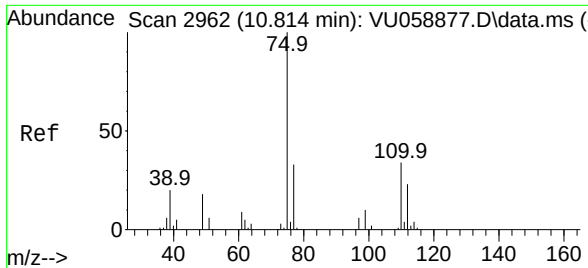
Tgt Ion:106 Resp: 1816

Ion Ratio Lower Upper

106 100

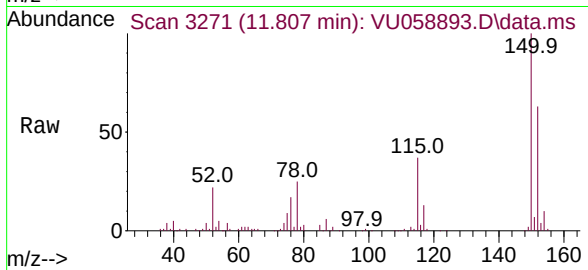
91 194.5 142.0 263.8





#61
 1,2,3-Trichloropropane
 Concen: 1.305 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.994 min
 Lab File: VU058893.D
 Acq: 14 May 2024 18:04

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75	Resp:	9493
Ion	Ratio	Lower Upper
75	100	
110	1.3	27.1 40.7#
77	28.0	25.4 38.2

