

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051424\
 Data File : VU058891.D
 Acq On : 14 May 2024 17:17
 Operator : MD/SY
 Sample : P2392-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 15 01:10:00 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)

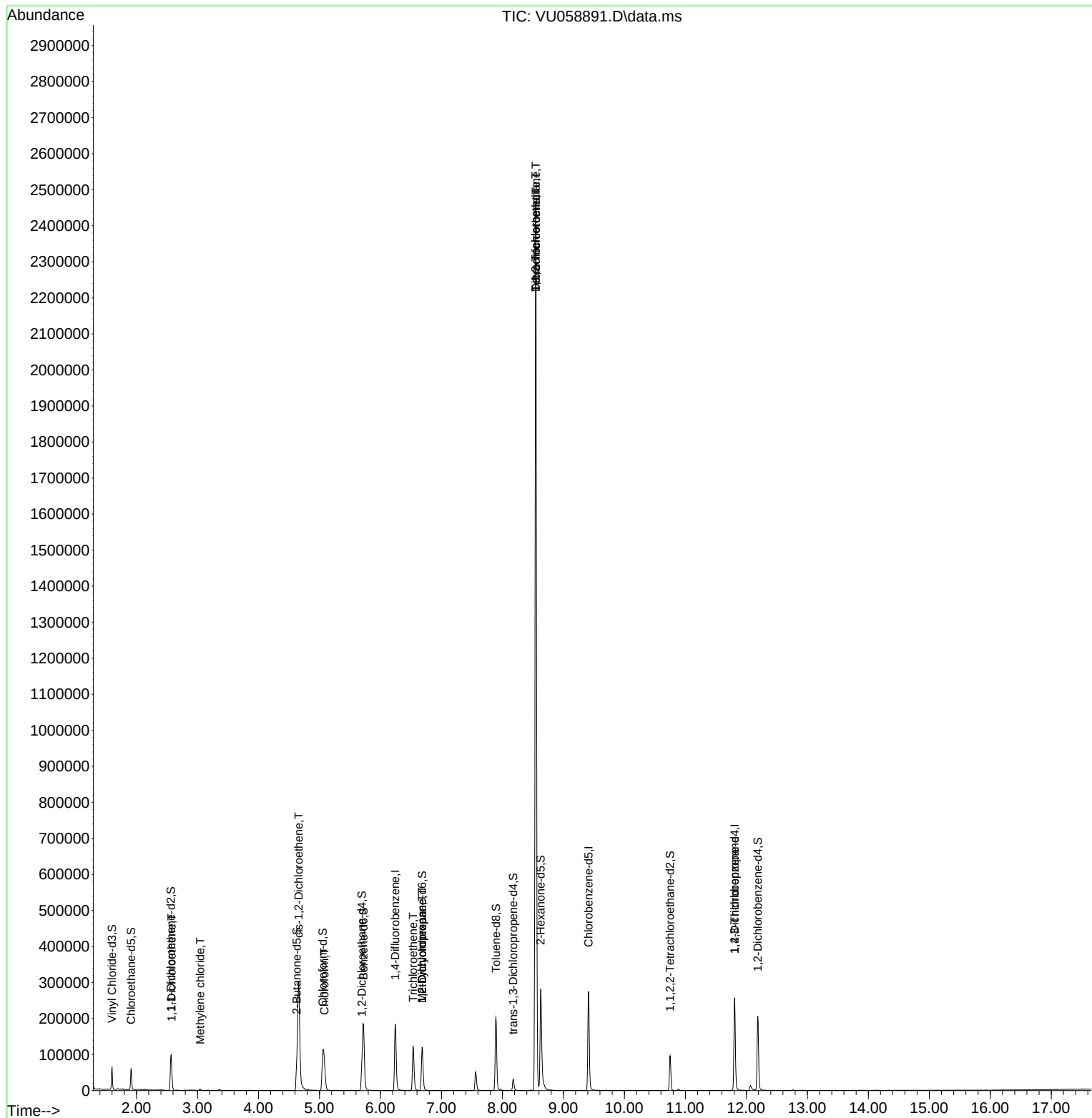
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	151958	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	155925	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	71153	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	42196	4.584	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.600%
7) Chloroethane-d5	1.911	69	40112	4.821	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.400%
11) 1,1-Dichloroethene-d2	2.563	65	17132	4.567	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.400%
20) 2-Butanone-d5	4.628	46	131066	54.767	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.540%
24) Chloroform-d	5.055	84	93488	5.029	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
26) 1,2-Dichloroethane-d4	5.695	65	48603	5.088	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.800%
32) Benzene-d6	5.721	84	176996	4.945	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
36) 1,2-Dichloropropane-d6	6.682	67	59362	4.978	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.600%
41) Toluene-d8	7.894	98	141941	4.357	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
43) trans-1,3-Dichloroprop...	8.177	79	19217	4.696	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.000%
46) 2-Hexanone-d5	8.627	63	106622	54.288	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.580%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	51611	5.011	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	56976	5.324	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.400%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.576	96	6639	0.701	ug/L #	1
16) Methylene chloride	3.046	84	2184	0.170	ug/L	96
22) cis-1,2-Dichloroethene	4.660	96	145882	12.712	ug/L	95
25) Chloroform	5.081	83	57249	2.629	ug/L	95
34) Trichloroethene	6.537	95	44299	3.654	ug/L	94
35) Methylcyclohexane	6.685	83	13082	0.756	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	6028	0.463	ug/L #	90
45) 1,1,2-Trichloroethane	8.544	97	4632	0.506	ug/L #	1
47) Tetrachloroethene	8.547	164	518995	60.088	ug/L	98
49) Dibromochloromethane	8.547	129	510864	52.934	ug/L #	12
61) 1,2,3-Trichloropropane	11.807	75	9090	1.241	ug/L #	70

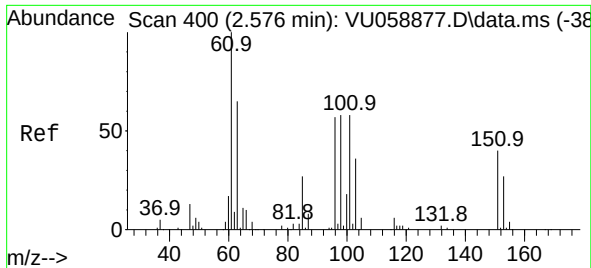
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051424\
Data File : VU058891.D
Acq On : 14 May 2024 17:17
Operator : MD/SY
Sample : P2392-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: May 15 01:10:00 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

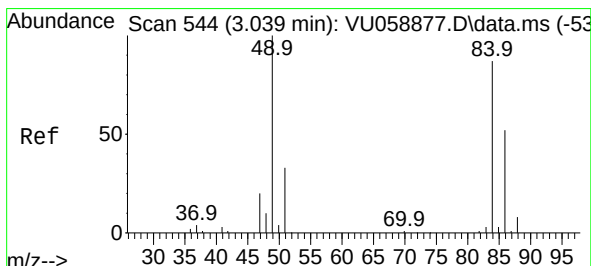
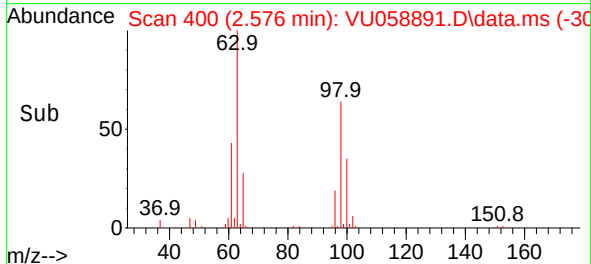
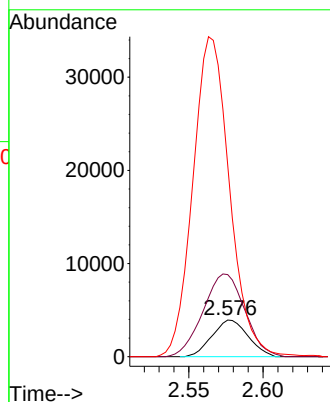
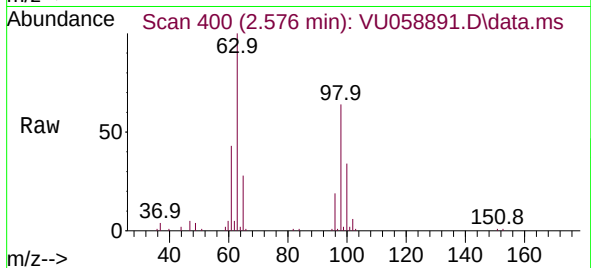




#12
1,1-Dichloroethene
Concen: 0.701 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU058891.D
Acq: 14 May 2024 17:17

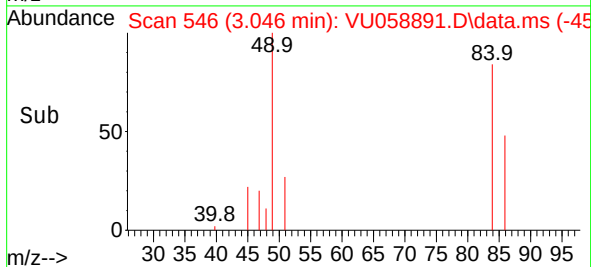
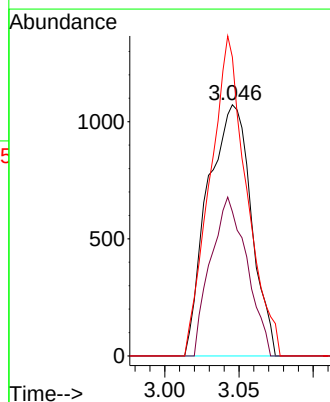
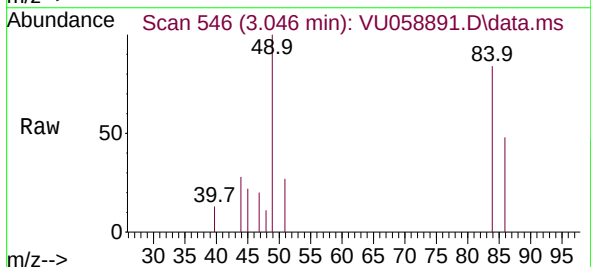
Instrument :
MSVOA_U
ClientSampleId :

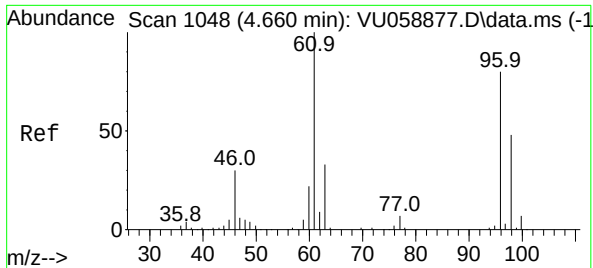
Tgt Ion: 96 Resp: 6639
Ion Ratio Lower Upper
96 100
61 223.6 122.9 228.3
63 521.6 80.4 149.4#



#16
Methylene chloride
Concen: 0.170 ug/L
RT: 3.046 min Scan# 546
Delta R.T. 0.006 min
Lab File: VU058891.D
Acq: 14 May 2024 17:17

Tgt Ion: 84 Resp: 2184
Ion Ratio Lower Upper
84 100
86 57.5 42.1 78.1
49 119.0 80.6 149.8



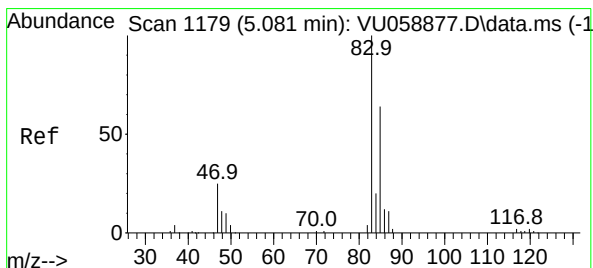
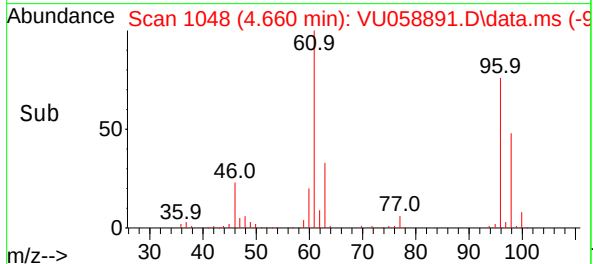
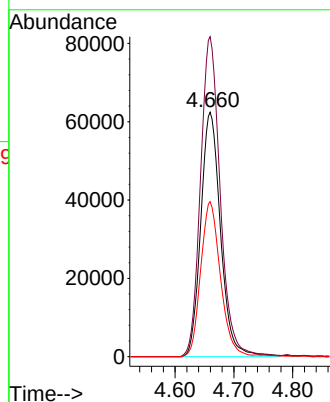
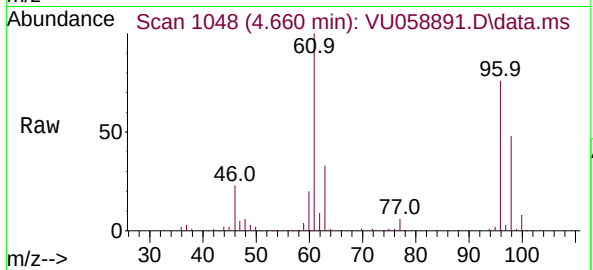


#22
 cis-1,2-Dichloroethene
 Concen: 12.712 ug/L
 RT: 4.660 min Scan# 1104
 Delta R.T. 0.000 min
 Lab File: VU058891.D
 Acq: 14 May 2024 17:17

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 96 Resp: 145882

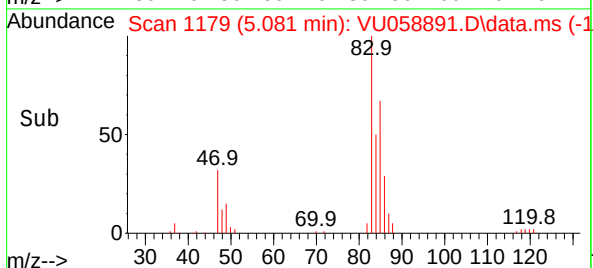
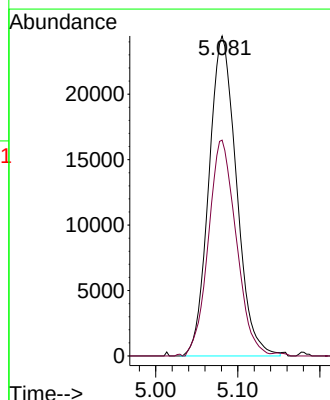
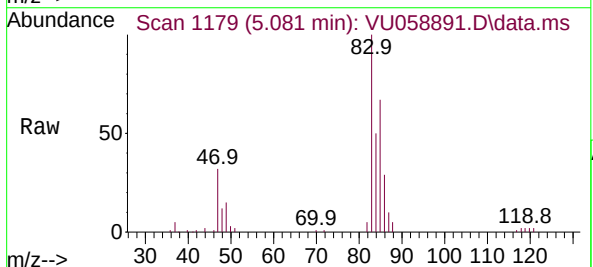
Ion	Ratio	Lower	Upper
96	100		
61	130.9	87.4	162.2
98	63.4	42.3	78.5

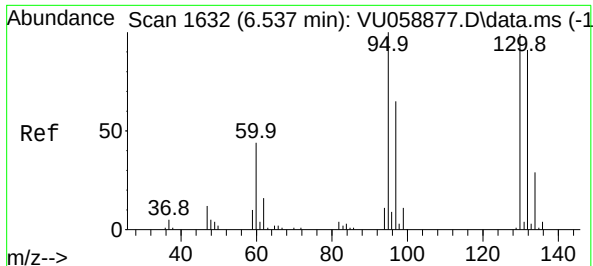


#25
 Chloroform
 Concen: 2.629 ug/L
 RT: 5.081 min Scan# 1179
 Delta R.T. 0.000 min
 Lab File: VU058891.D
 Acq: 14 May 2024 17:17

Tgt Ion: 83 Resp: 57249

Ion	Ratio	Lower	Upper
83	100		
85	67.5	44.7	83.1

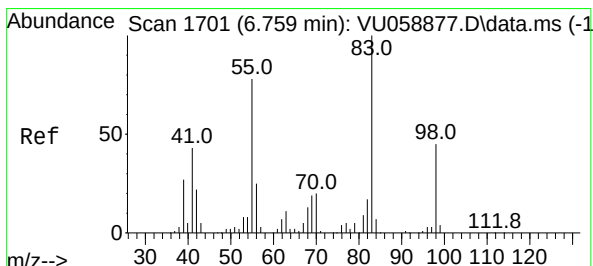
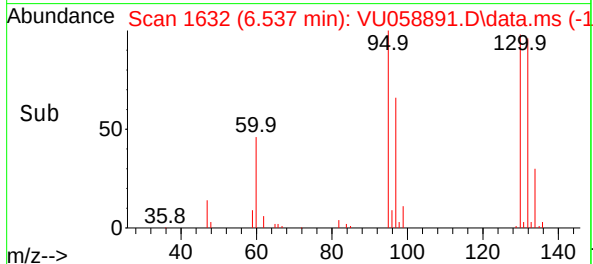
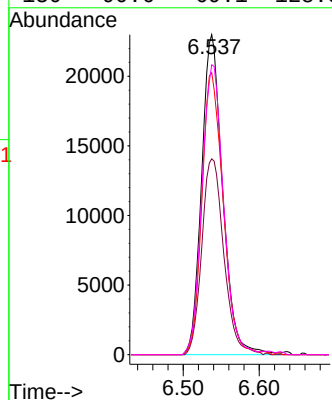
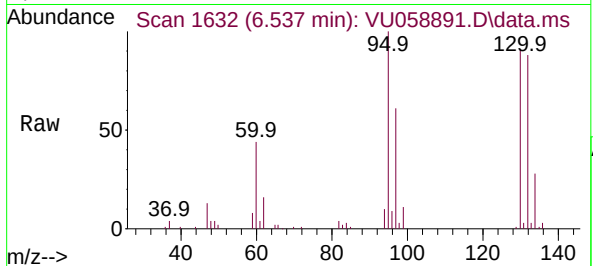




#34
Trichloroethene
Concen: 3.654 ug/L
RT: 6.537 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VU058891.D
Acq: 14 May 2024 17:17

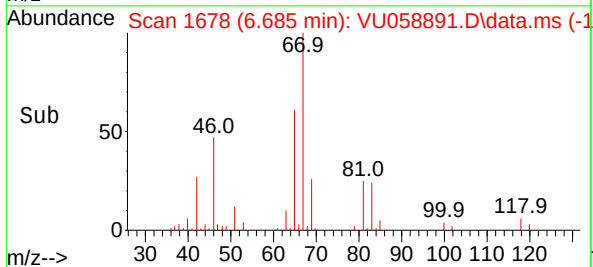
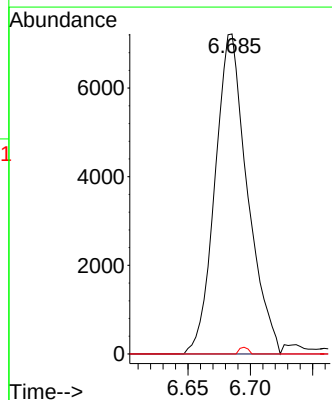
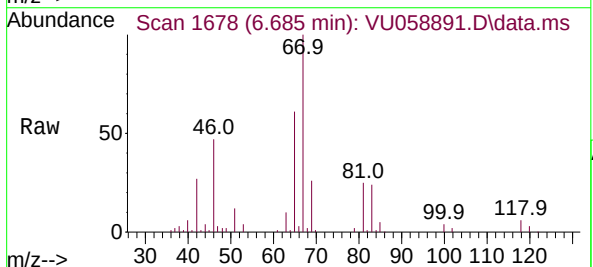
Instrument :
MSVOA_U
ClientSampleId :

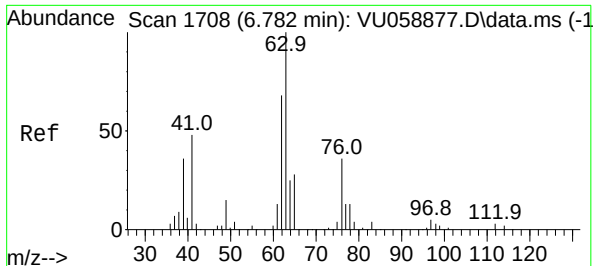
Tgt Ion: 95 Resp: 44299
Ion Ratio Lower Upper
95 100
97 61.2 45.3 84.1
132 88.1 64.0 119.0
130 90.6 69.1 128.3



#35
Methylcyclohexane
Concen: 0.756 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU058891.D
Acq: 14 May 2024 17:17

Tgt Ion: 83 Resp: 13082
Ion Ratio Lower Upper
83 100
55 0.0 62.7 94.1#
98 0.6 35.4 53.0#

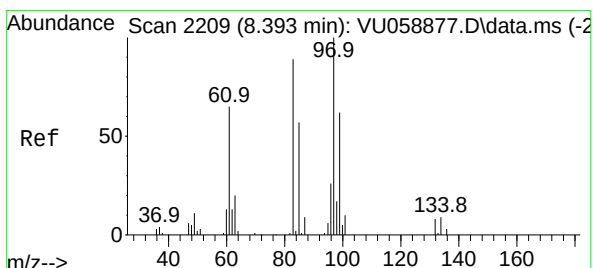
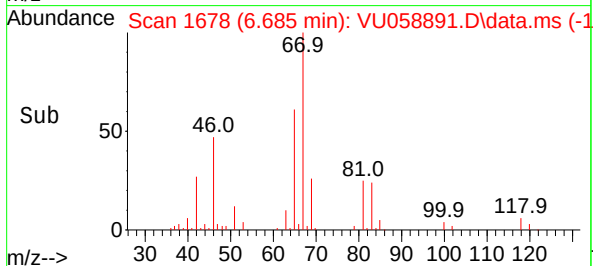
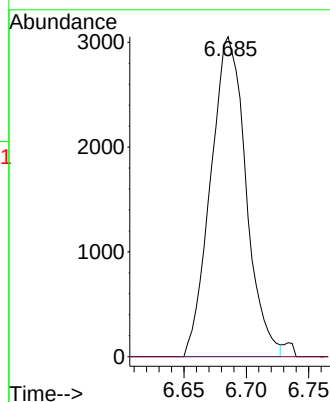
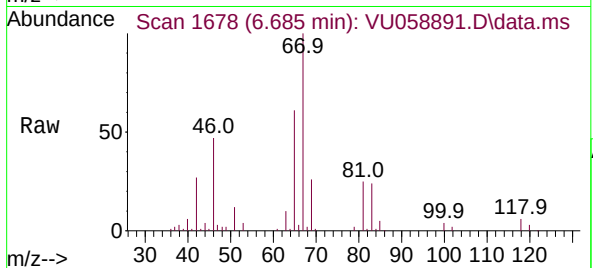




#37
1,2-Dichloropropane
Concen: 0.463 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.096 min
Lab File: VU058891.D
Acq: 14 May 2024 17:17

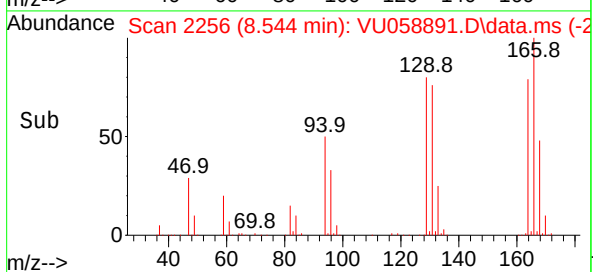
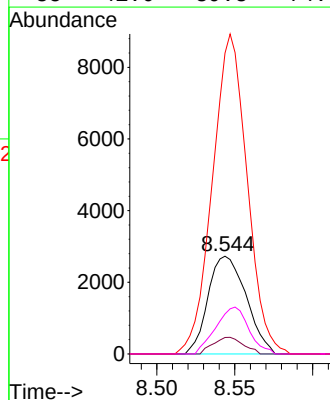
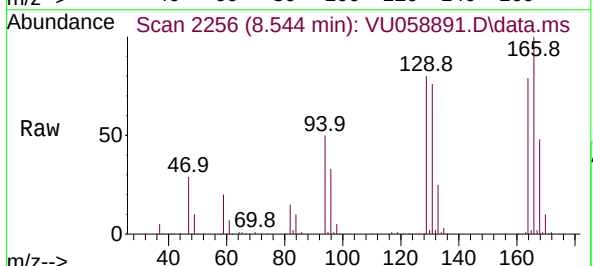
Instrument :
MSVOA_U
ClientSampleId :

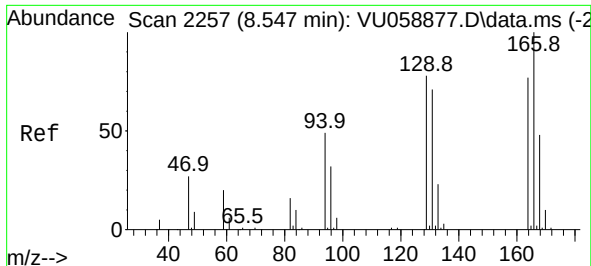
Tgt Ion: 63 Resp: 6028
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#



#45
1,1,2-Trichloroethane
Concen: 0.506 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. 0.151 min
Lab File: VU058891.D
Acq: 14 May 2024 17:17

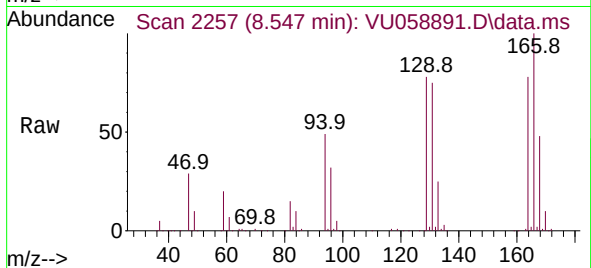
Tgt Ion: 97 Resp: 4632
Ion Ratio Lower Upper
97 100
99 16.9 43.3 80.3#
83 307.8 62.3 115.7#
85 41.0 39.8 74.0



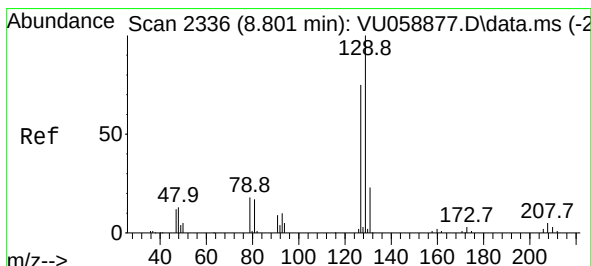
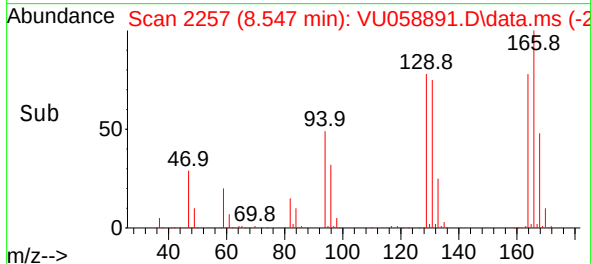
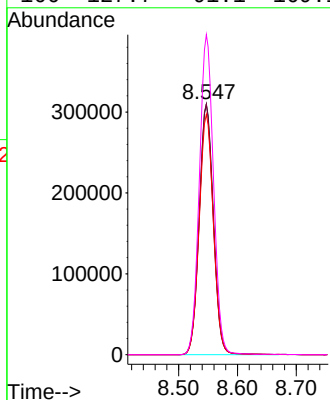


#47
Tetrachloroethene
Concen: 60.088 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU058891.D
Acq: 14 May 2024 17:17

Instrument :
MSVOA_U
ClientSampleId :

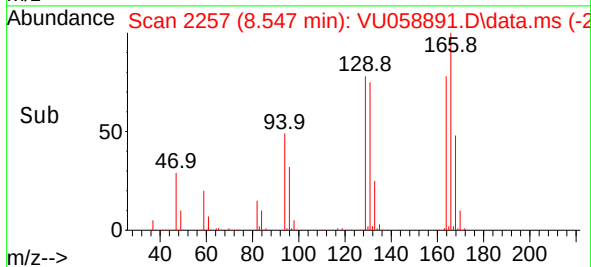
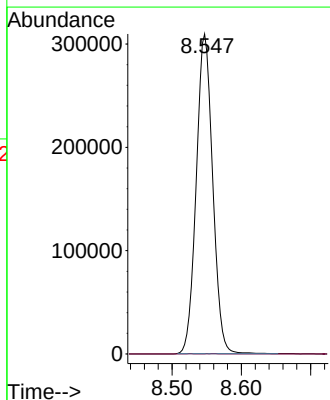
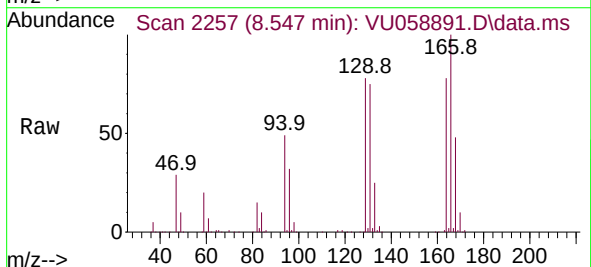


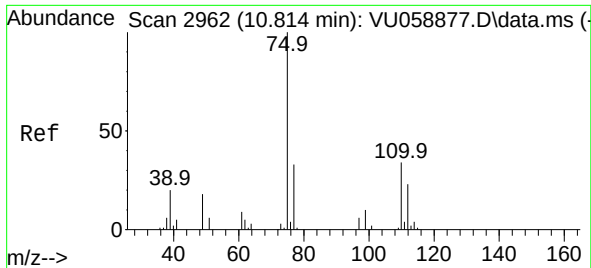
Tgt Ion:164 Resp: 518995
Ion Ratio Lower Upper
164 100
129 100.0 70.8 131.4
131 96.0 64.8 120.3
166 127.7 91.1 169.1



#49
Dibromochloromethane
Concen: 52.934 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.254 min
Lab File: VU058891.D
Acq: 14 May 2024 17:17

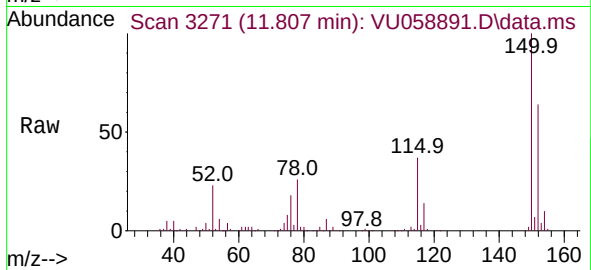
Tgt Ion:129 Resp: 510864
Ion Ratio Lower Upper
129 100
127 0.0 52.5 97.5#





#61
1,2,3-Trichloropropane
Concen: 1.241 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.994 min
Lab File: VU058891.D
Acq: 14 May 2024 17:17

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
110	1.5	27.1	40.7#
77	31.3	25.4	38.2

