

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121423\
 Data File : VU056850.D
 Acq On : 14 Dec 2023 19:43
 Operator : MD/SY
 Sample : 05675-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 15 00:55:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 15 00:49:12 2023
 Response via : Initial Calibration

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

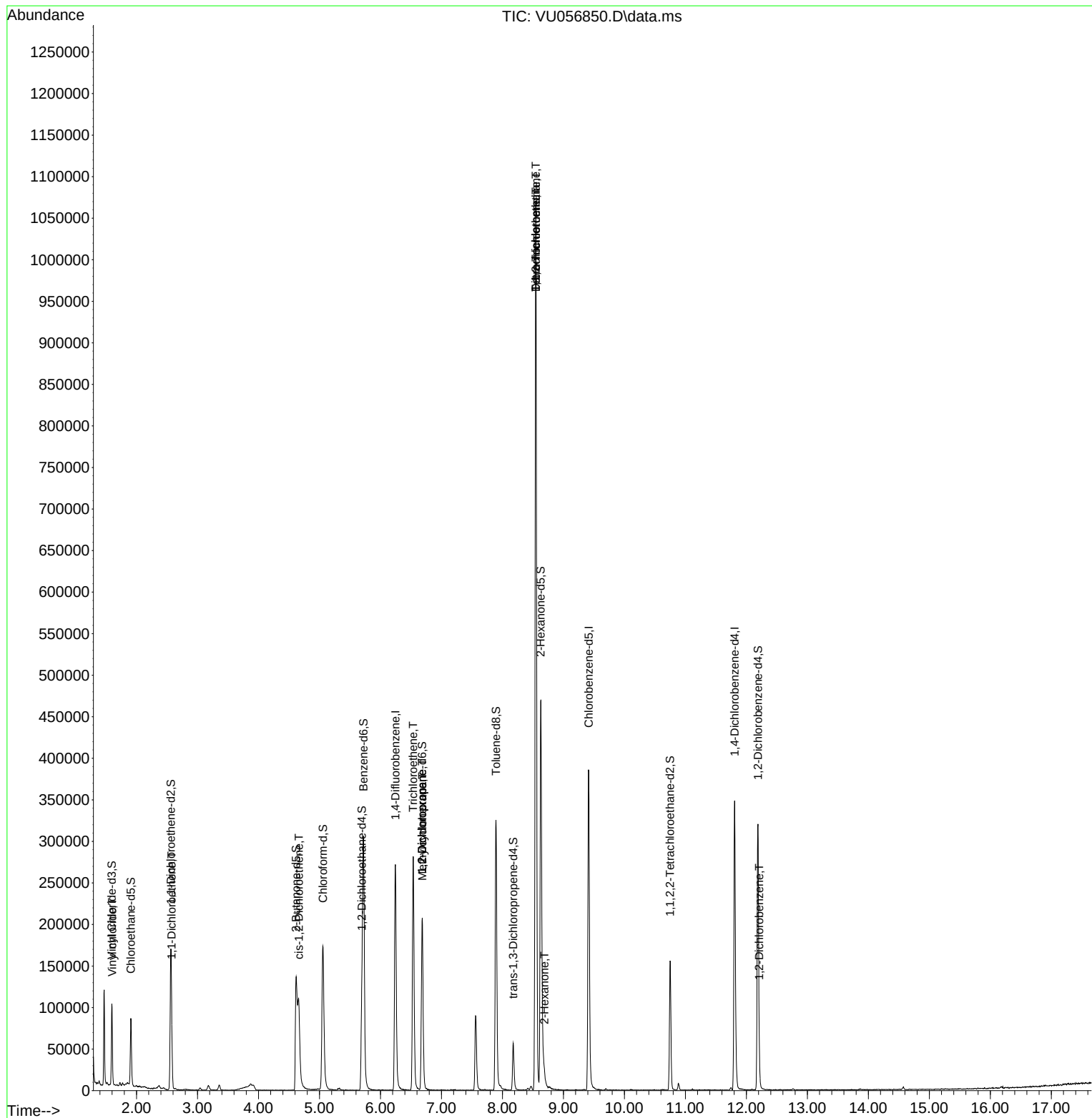
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	222106	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	232732	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	95168	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	63940	3.358	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.200%
7) Chloroethane-d5	1.907	69	59839	4.200	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.000%
11) 1,1-Dichloroethene-d2	2.563	65	30322	3.723	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.400%
20) 2-Butanone-d5	4.618	46	215076	57.205	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.400%
24) Chloroform-d	5.058	84	167285	4.640	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	5.695	65	83209	4.877	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
32) Benzene-d6	5.721	84	294434	4.079	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.600%
36) 1,2-Dichloropropane-d6	6.685	67	102421	4.533	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.600%
41) Toluene-d8	7.894	98	231115	3.582	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.600%
43) trans-1,3-Dichloroprop...	8.177	79	34217	3.905	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.200%
46) 2-Hexanone-d5	8.627	63	159360	48.222	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.440%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	80511	4.925	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	88076	4.708	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.200%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	7035	0.310	ug/L #	41
12) 1,1-Dichloroethene	2.576	96	11477	0.636	ug/L #	1
22) cis-1,2-Dichloroethene	4.663	96	44473	2.236	ug/L	100
34) Trichloroethene	6.537	95	100708	4.489	ug/L	98
35) Methylcyclohexane	6.689	83	23547	0.711	ug/L #	17
37) 1,2-Dichloropropane	6.685	63	11237	0.537	ug/L #	88
45) 1,1,2-Trichloroethane	8.550	97	2173	0.154	ug/L #	7
47) Tetrachloroethene	8.547	164	232350	14.797	ug/L	99
48) 2-Hexanone	8.688	43	6703	0.947	ug/L #	88
49) Dibromochloromethane	8.547	129	238293	14.656	ug/L #	11
67) 1,2-Dichlorobenzene	12.209	146	5868	0.181	ug/L	93

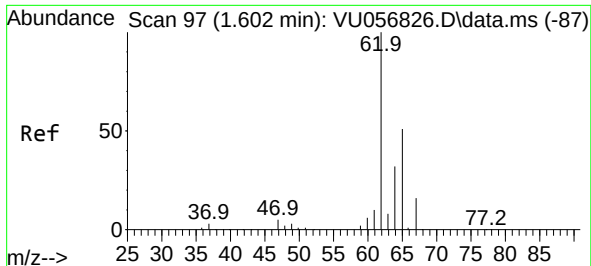
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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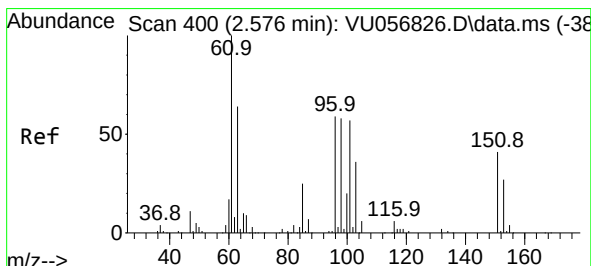
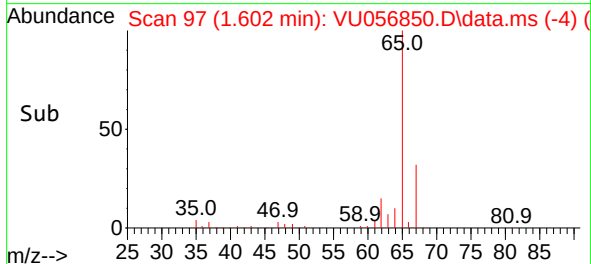
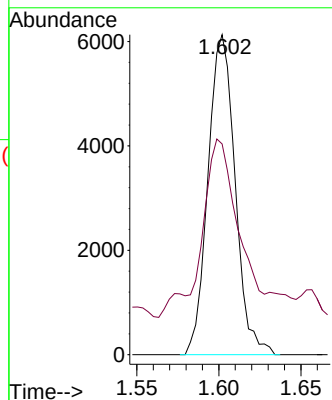
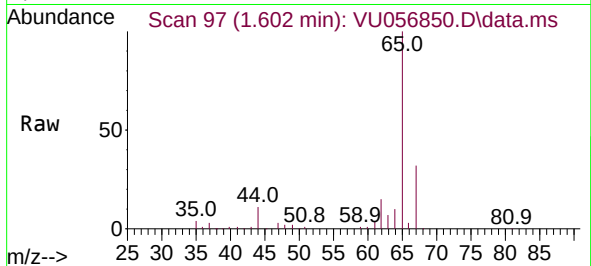




#5
 Vinyl chloride
 Concen: 0.310 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU056850.D
 Acq: 14 Dec 2023 19:43

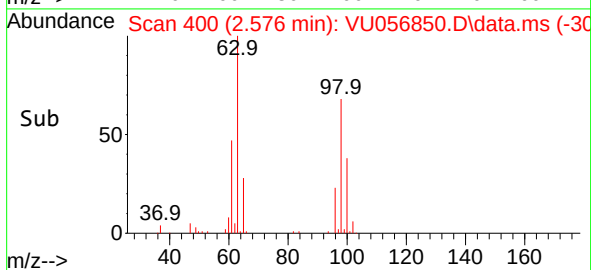
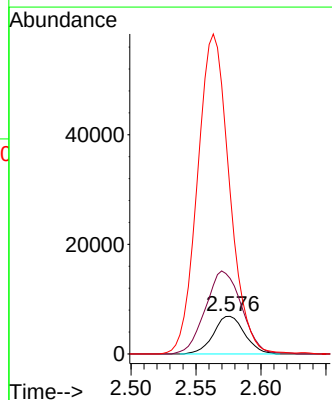
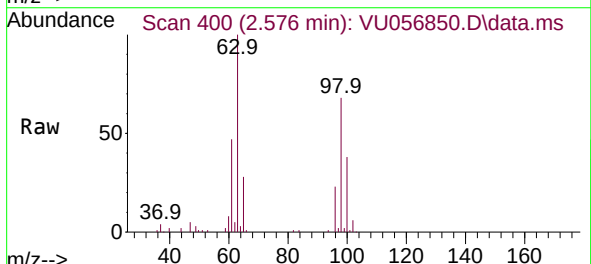
Instrument :
 MSVOA_U
 ClientSampleId :

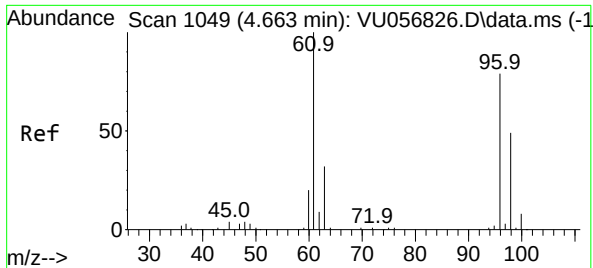
Tgt Ion: 62 Resp: 7035
 Ion Ratio Lower Upper
 62 100
 64 65.8 22.8 42.4#



#12
 1,1-Dichloroethene
 Concen: 0.636 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU056850.D
 Acq: 14 Dec 2023 19:43

Tgt Ion: 96 Resp: 11477
 Ion Ratio Lower Upper
 96 100
 61 201.0 119.0 221.0
 63 431.2 88.7 164.7#

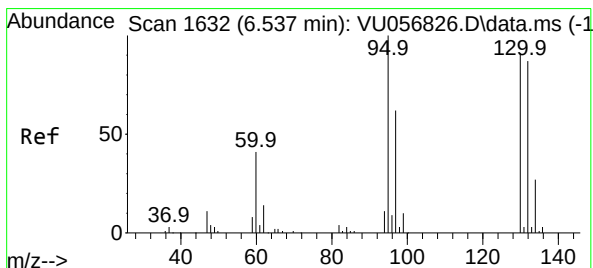
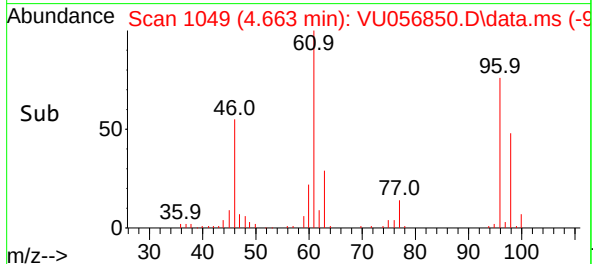
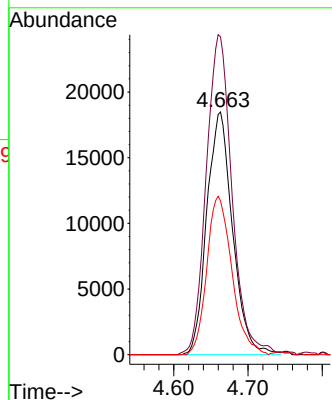
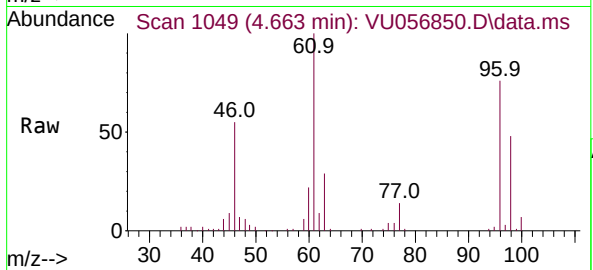




#22
 cis-1,2-Dichloroethene
 Concen: 2.236 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. -0.000 min
 Lab File: VU056850.D
 Acq: 14 Dec 2023 19:43

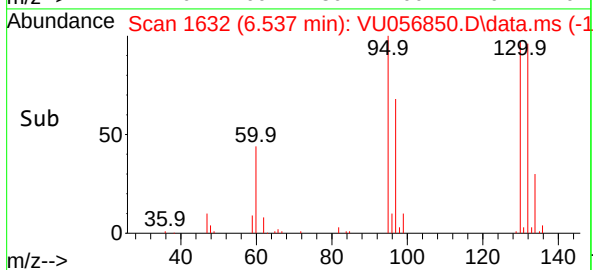
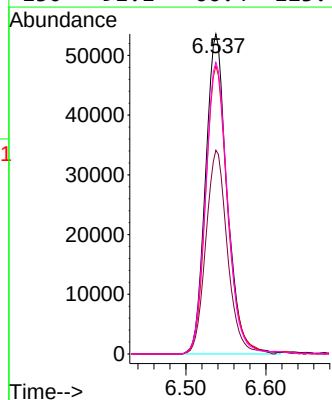
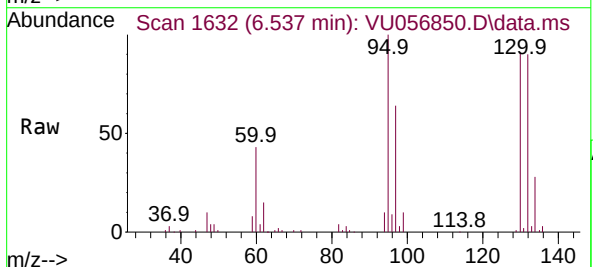
Instrument :
 MSVOA_U
 ClientSampleId :

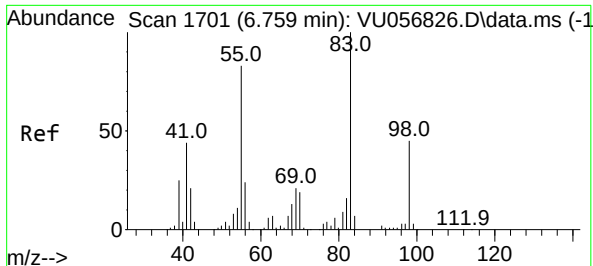
Tgt Ion: 96 Resp: 44473
 Ion Ratio Lower Upper
 96 100
 61 131.0 91.3 169.6
 98 63.4 44.2 82.0



#34
 Trichloroethene
 Concen: 4.489 ug/L
 RT: 6.537 min Scan# 1632
 Delta R.T. -0.000 min
 Lab File: VU056850.D
 Acq: 14 Dec 2023 19:43

Tgt Ion: 95 Resp: 100708
 Ion Ratio Lower Upper
 95 100
 97 63.7 46.1 85.5
 132 90.0 63.6 118.0
 130 91.1 66.4 123.4

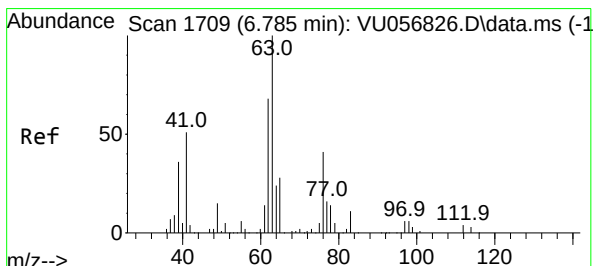
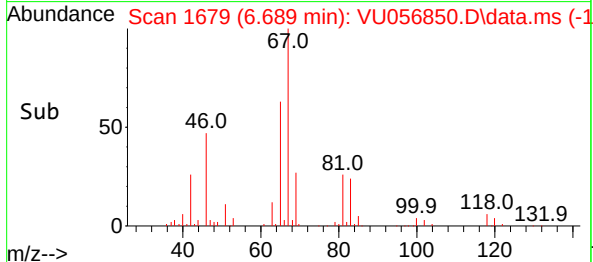
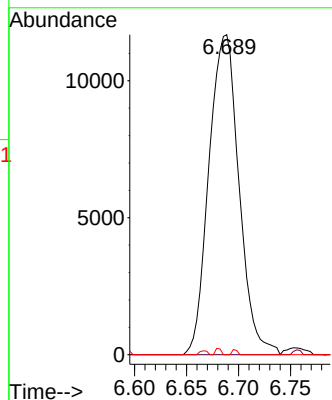
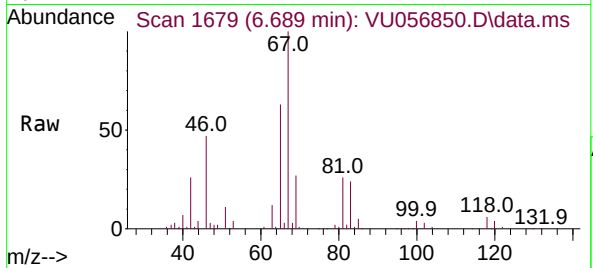




#35
Methylcyclohexane
Concen: 0.711 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU056850.D
Acq: 14 Dec 2023 19:43

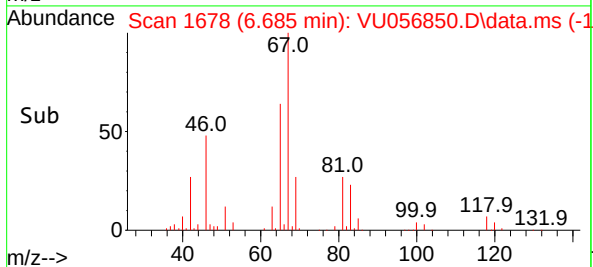
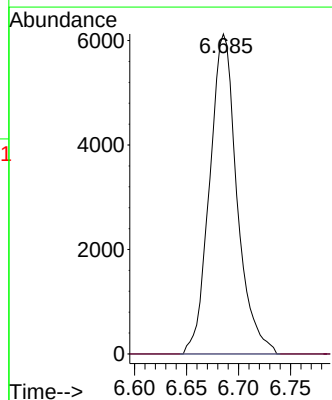
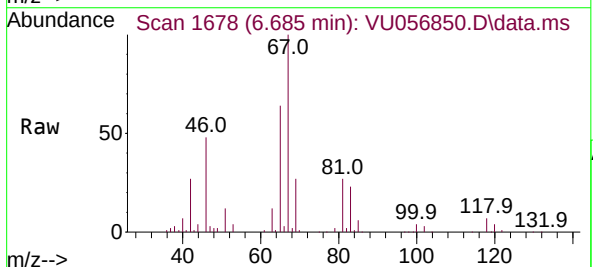
Instrument :
MSVOA_U
ClientSampleId :

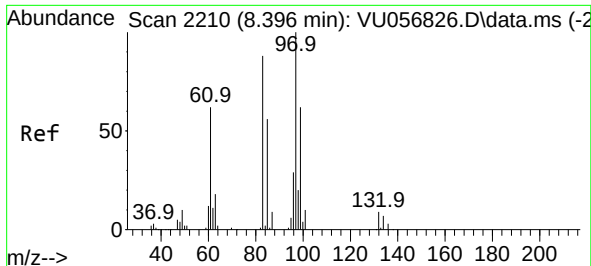
Tgt Ion: 83 Resp: 23547
Ion Ratio Lower Upper
83 100
55 0.4 64.6 97.0#
98 0.0 36.1 54.1#



#37
1,2-Dichloropropane
Concen: 0.537 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.100 min
Lab File: VU056850.D
Acq: 14 Dec 2023 19:43

Tgt Ion: 63 Resp: 11237
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#

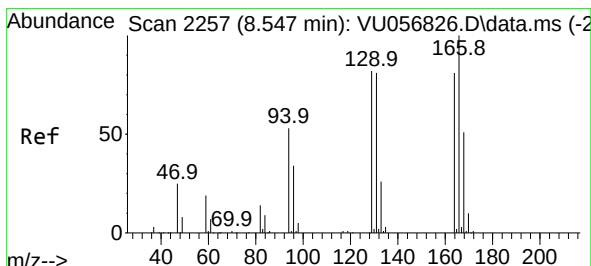
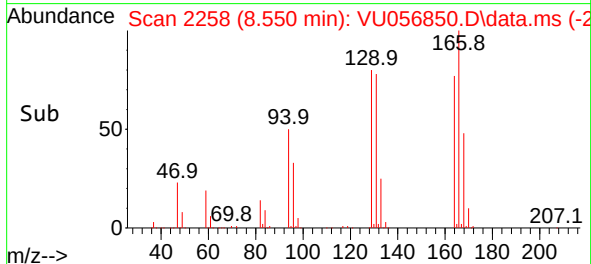
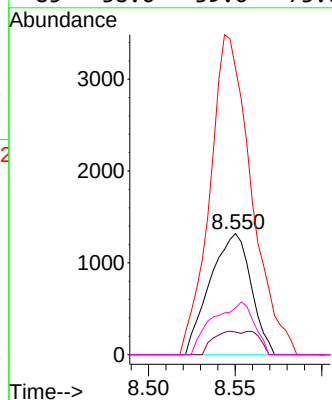
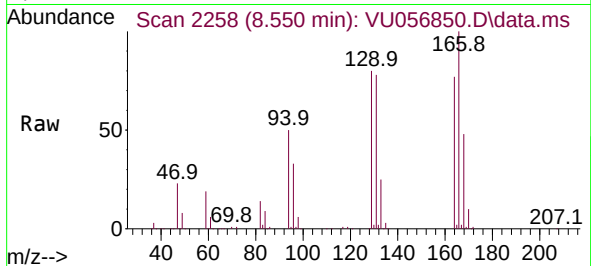




#45
1,1,2-Trichloroethane
Concen: 0.154 ug/L
RT: 8.550 min Scan# 21
Delta R.T. 0.154 min
Lab File: VU056850.D
Acq: 14 Dec 2023 19:43

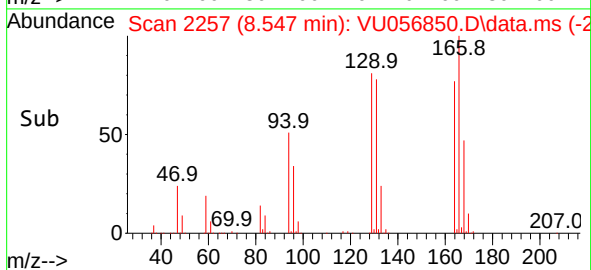
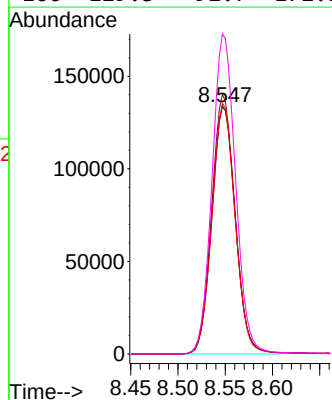
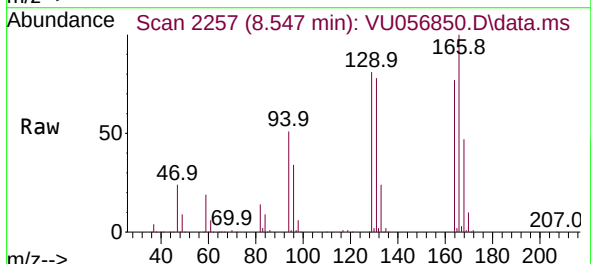
Instrument :
MSVOA_U
ClientSampleId :

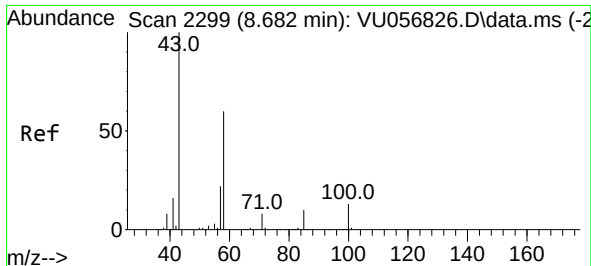
Tgt Ion:	97	Resp:	2173
Ion	Ratio	Lower	Upper
97	100		
99	18.6	41.9	77.9#
83	236.4	59.1	109.7#
85	38.6	39.6	73.6#



#47
Tetrachloroethene
Concen: 14.797 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU056850.D
Acq: 14 Dec 2023 19:43

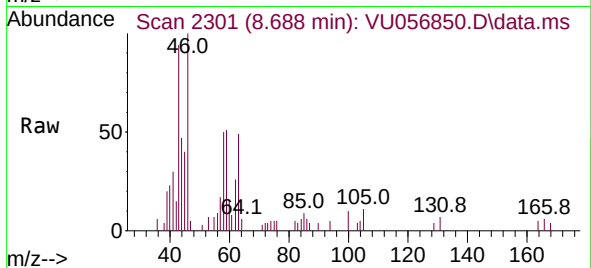
Tgt Ion:	164	Resp:	232350
Ion	Ratio	Lower	Upper
164	100		
129	105.0	73.4	136.4
131	101.2	71.5	132.9
166	129.3	92.7	172.1



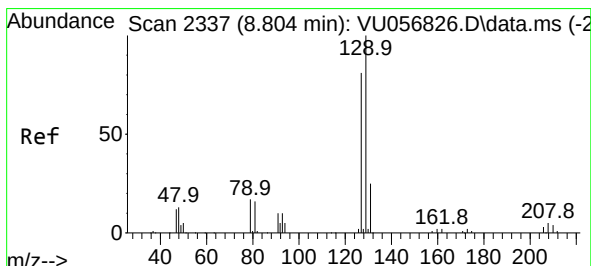
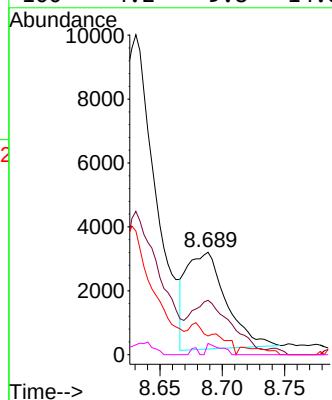
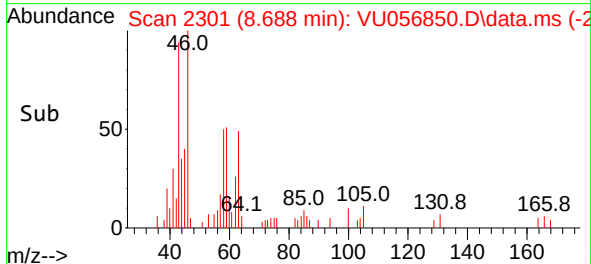


#48
2-Hexanone
Concen: 0.947 ug/L
RT: 8.688 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU056850.D
Acq: 14 Dec 2023 19:43

Instrument :
MSVOA_U
ClientSampleId :

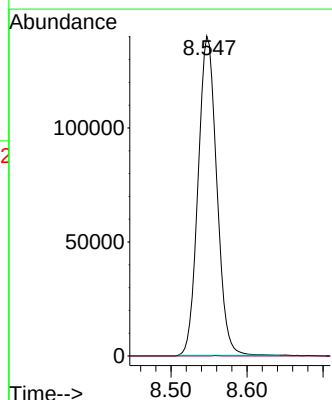
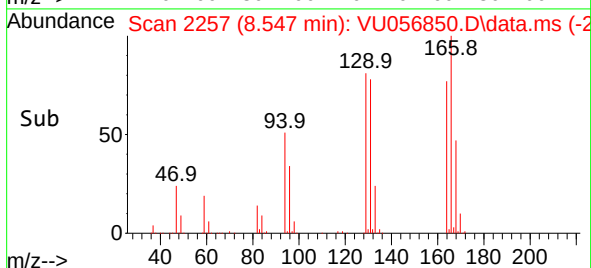
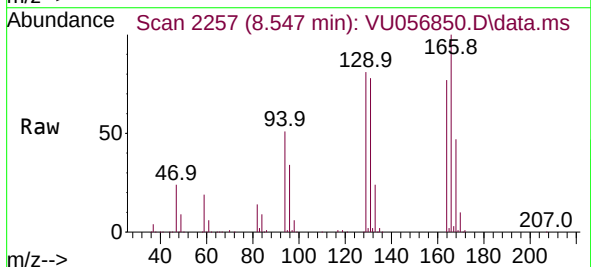


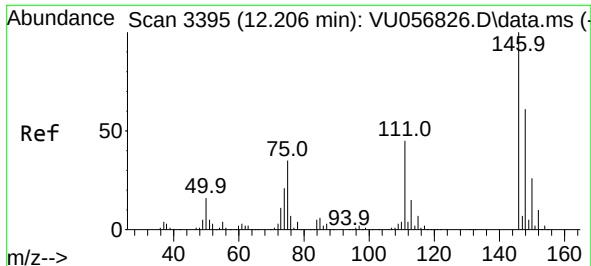
Tgt Ion: 43 Resp: 6703
Ion Ratio Lower Upper
43 100
58 57.2 47.5 71.3
57 5.1 17.0 25.4#
100 4.2 9.8 14.8#



#49
Dibromochloromethane
Concen: 14.656 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.257 min
Lab File: VU056850.D
Acq: 14 Dec 2023 19:43

Tgt Ion: 129 Resp: 238293
Ion Ratio Lower Upper
129 100
127 0.0 53.9 100.1#





#67

1,2-Dichlorobenzene

Concen: 0.181 ug/L

RT: 12.209 min Scan# 31

Delta R.T. 0.003 min

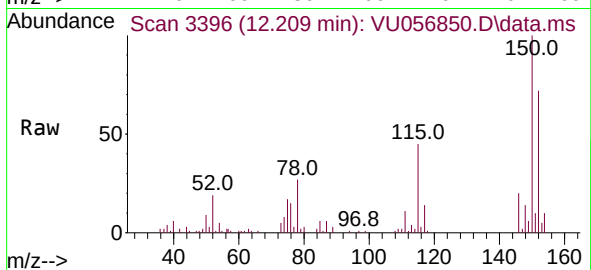
Lab File: VU056850.D

Acq: 14 Dec 2023 19:43

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:146 Resp: 5868

Ion Ratio Lower Upper

146 100

111 54.2 36.9 55.3

148 69.0 53.0 79.4

