

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121423\
 Data File : VU056849.D
 Acq On : 14 Dec 2023 19:19
 Operator : MD/SY
 Sample : 05675-15
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 15 00:55:41 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)

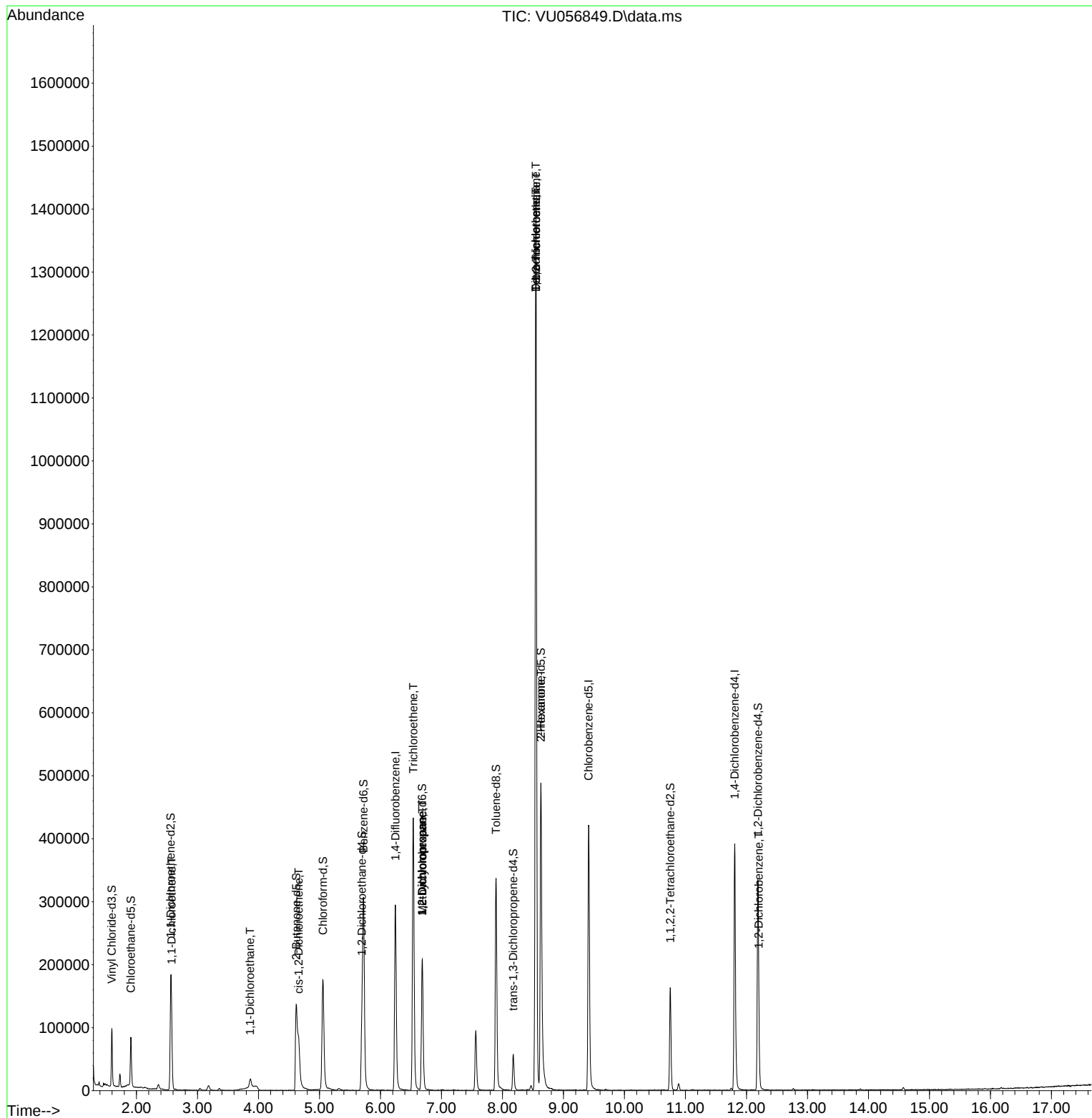
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	243263	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	249214	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	105109	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	66007	3.166	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	63.400%	
7) Chloroethane-d5	1.907	69	57914	3.712	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	74.200%	
11) 1,1-Dichloroethene-d2	2.560	65	30600	3.430	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	68.600%	
20) 2-Butanone-d5	4.618	46	220142	53.460	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	106.920%	
24) Chloroform-d	5.055	84	169735	4.299	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.000%	
26) 1,2-Dichloroethane-d4	5.695	65	81762	4.376	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.600%	
32) Benzene-d6	5.721	84	295504	3.823	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	76.400%	
36) 1,2-Dichloropropane-d6	6.682	67	103416	4.274	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	85.400%	
41) Toluene-d8	7.894	98	233824	3.384	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	67.600%#	
43) trans-1,3-Dichloroprop...	8.174	79	36104	3.848	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	77.000%	
46) 2-Hexanone-d5	8.631	63	169973	48.032	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	96.060%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	83484	4.769	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	95.400%	
66) 1,2-Dichlorobenzene-d4	12.190	152	89566	4.335	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	86.600%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.576	96	20401	1.033	ug/L #	40
19) 1,1-Dichloroethane	3.862	63	16976	0.441	ug/L	91
22) cis-1,2-Dichloroethene	4.660	96	28291	1.299	ug/L	95
34) Trichloroethene	6.538	95	157345	6.549	ug/L	99
35) Methylcyclohexane	6.685	83	24005	0.677	ug/L #	17
37) 1,2-Dichloropropane	6.685	63	10239	0.457	ug/L #	89
45) 1,1,2-Trichloroethane	8.550	97	2677	0.177	ug/L #	5
47) Tetrachloroethene	8.547	164	302400	17.985	ug/L	98
48) 2-Hexanone	8.627	43	21268	2.807	ug/L #	77
49) Dibromochloromethane	8.547	129	311882	17.914	ug/L #	11
67) 1,2-Dichlorobenzene	12.203	146	7794	0.218	ug/L	93

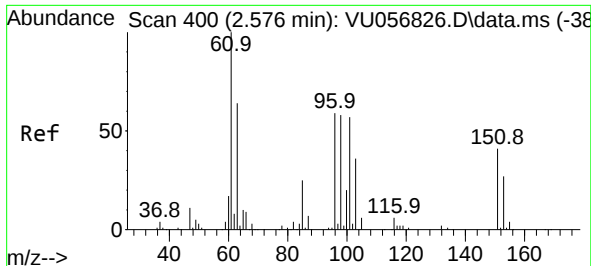
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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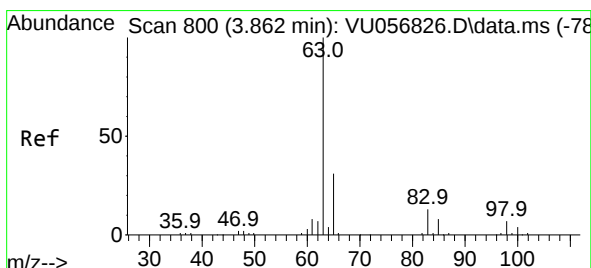
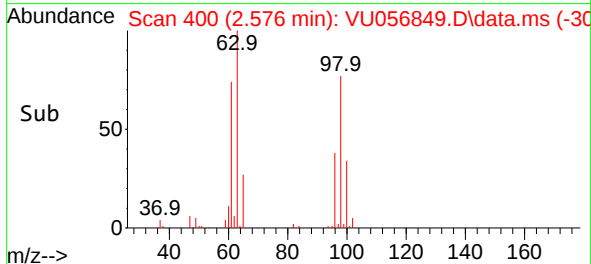
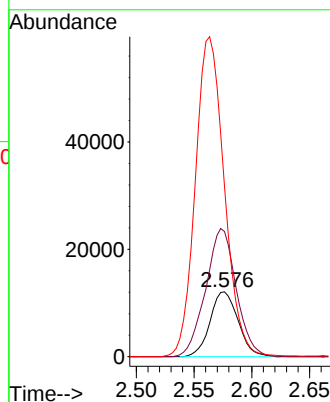
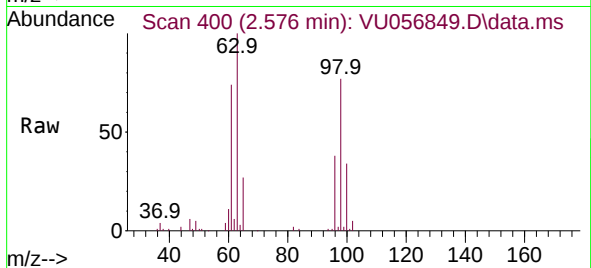




#12
1,1-Dichloroethene
Concen: 1.033 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU056849.D
Acq: 14 Dec 2023 19:19

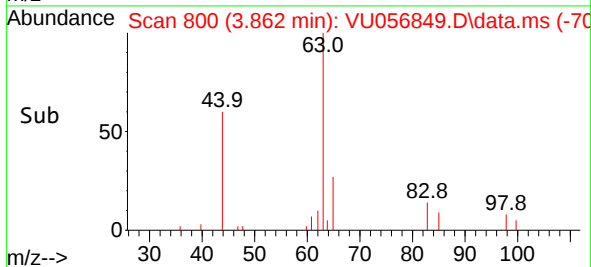
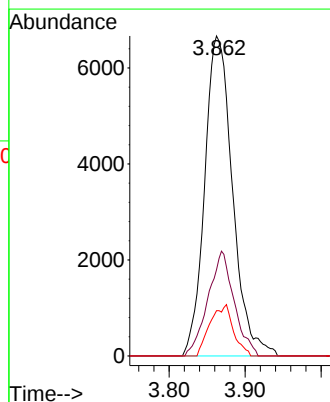
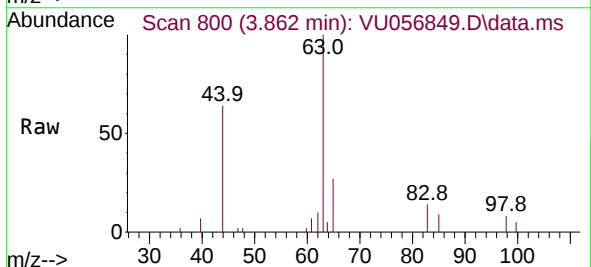
Instrument :
MSVOA_U
ClientSampleId :

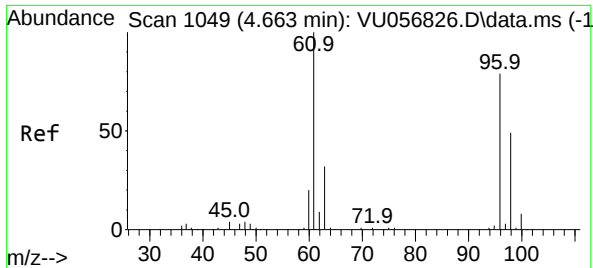
Tgt Ion: 96 Resp: 20401
Ion Ratio Lower Upper
96 100
61 193.3 119.0 221.0
63 262.8 88.7 164.7#



#19
1,1-Dichloroethane
Concen: 0.441 ug/L
RT: 3.862 min Scan# 800
Delta R.T. 0.000 min
Lab File: VU056849.D
Acq: 14 Dec 2023 19:19

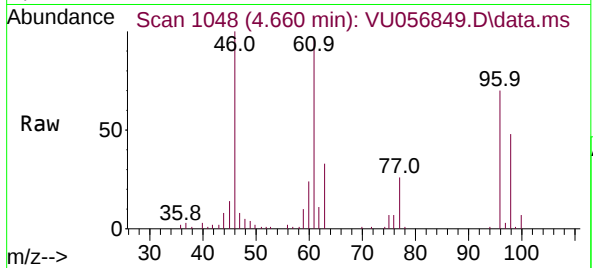
Tgt Ion: 63 Resp: 16976
Ion Ratio Lower Upper
63 100
65 25.6 22.9 42.5
83 13.5 10.1 18.9



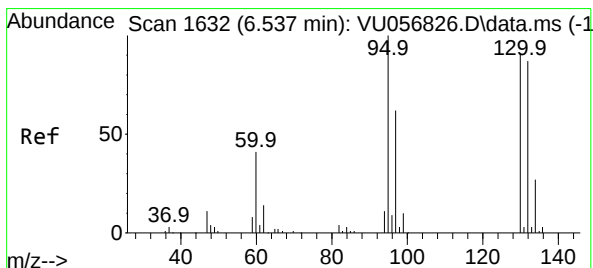
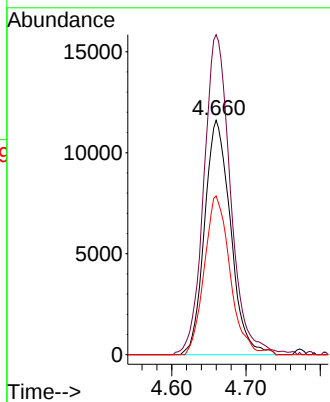
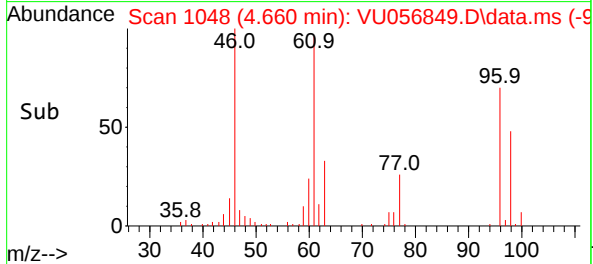


#22
 cis-1,2-Dichloroethene
 Concen: 1.299 ug/L
 RT: 4.660 min Scan# 1049
 Delta R.T. -0.003 min
 Lab File: VU056849.D
 Acq: 14 Dec 2023 19:19

Instrument :
 MSVOA_U
 ClientSampleId :

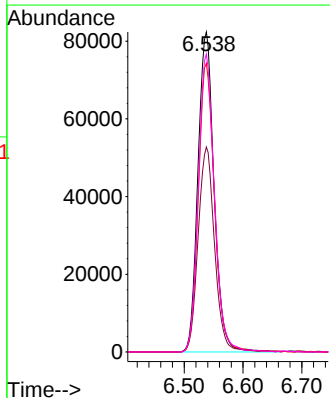
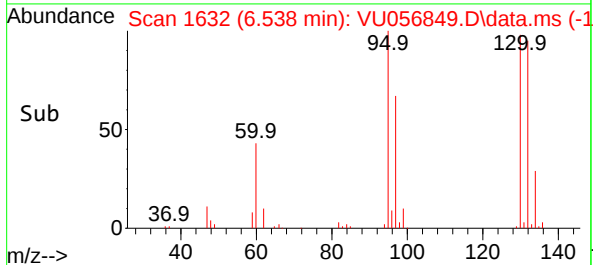
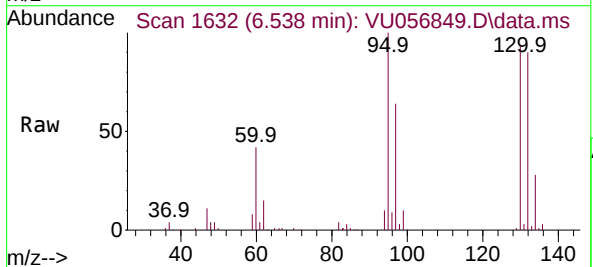


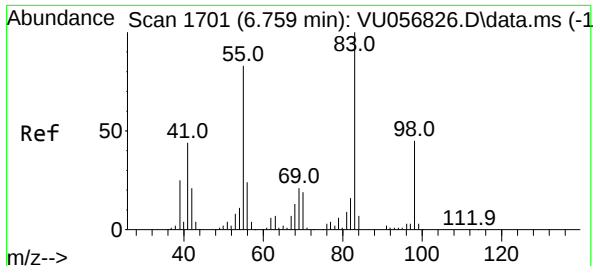
Tgt Ion: 96 Resp: 28291
 Ion Ratio Lower Upper
 96 100
 61 136.5 91.3 169.6
 98 67.7 44.2 82.0



#34
 Trichloroethene
 Concen: 6.549 ug/L
 RT: 6.538 min Scan# 1632
 Delta R.T. 0.000 min
 Lab File: VU056849.D
 Acq: 14 Dec 2023 19:19

Tgt Ion: 95 Resp: 157345
 Ion Ratio Lower Upper
 95 100
 97 64.1 46.1 85.5
 132 90.2 63.6 118.0
 130 93.1 66.4 123.4





#35

Methylcyclohexane

Concen: 0.677 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU056849.D

Acq: 14 Dec 2023 19:19

Instrument :

MSVOA_U

ClientSampleId :

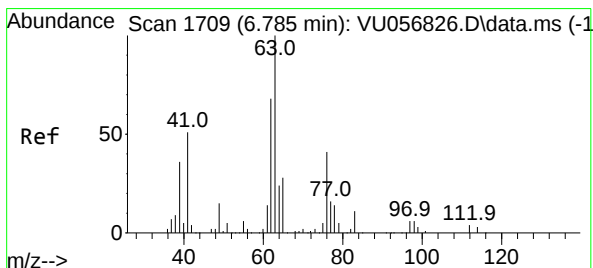
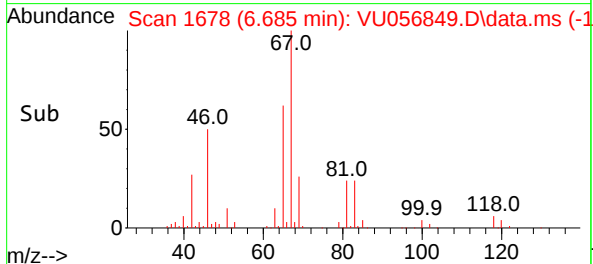
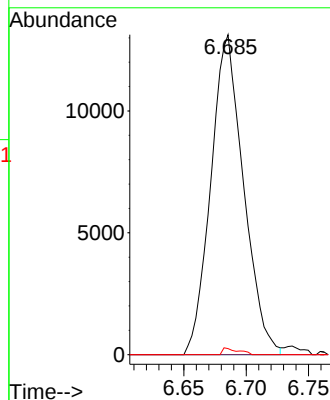
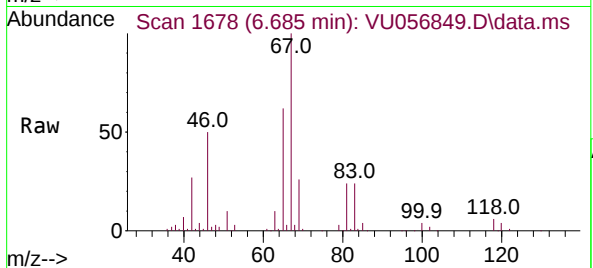
Tgt Ion: 83 Resp: 24005

Ion Ratio Lower Upper

83 100

55 0.0 64.6 97.0#

98 1.0 36.1 54.1#



#37

1,2-Dichloropropane

Concen: 0.457 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.100 min

Lab File: VU056849.D

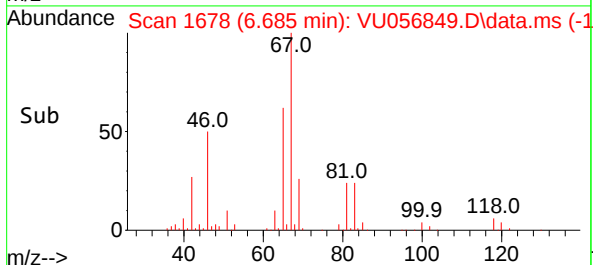
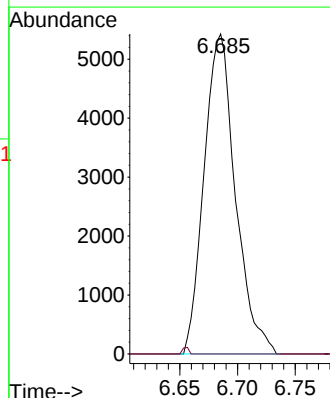
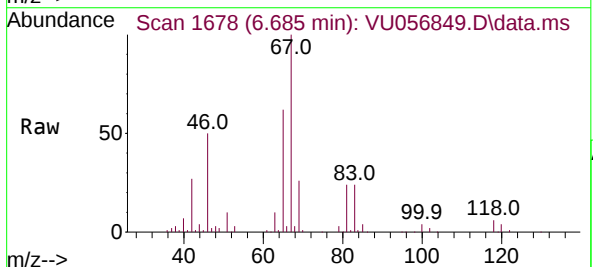
Acq: 14 Dec 2023 19:19

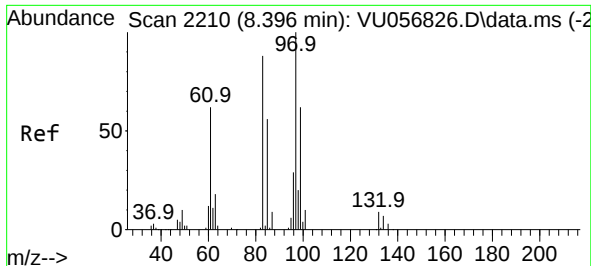
Tgt Ion: 63 Resp: 10239

Ion Ratio Lower Upper

63 100

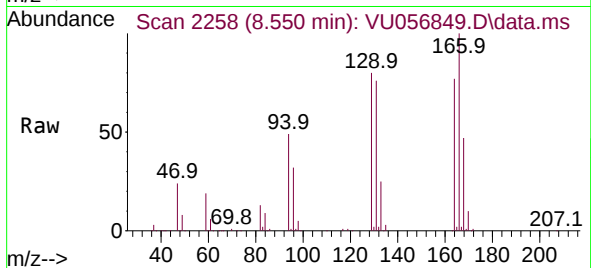
112 0.4 3.3 4.9#



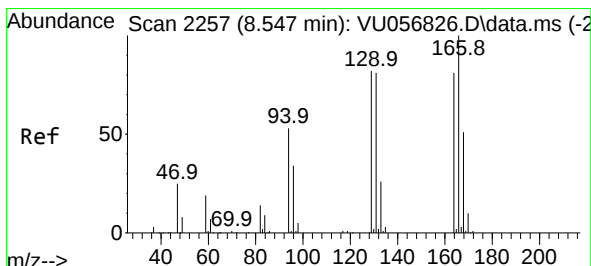
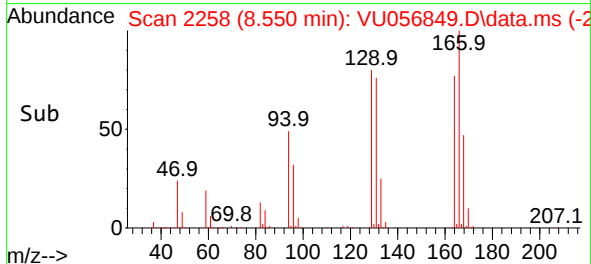
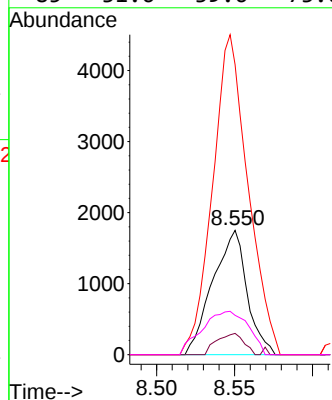


#45
1,1,2-Trichloroethane
Concen: 0.177 ug/L
RT: 8.550 min Scan# 21
Delta R.T. 0.154 min
Lab File: VU056849.D
Acq: 14 Dec 2023 19:19

Instrument :
MSVOA_U
ClientSampleId :

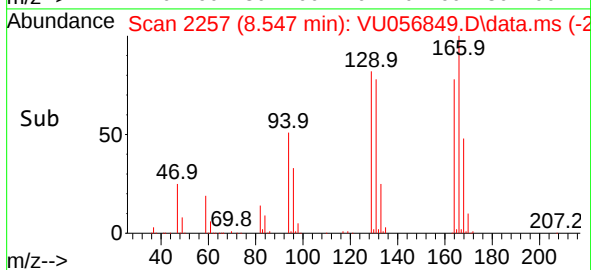
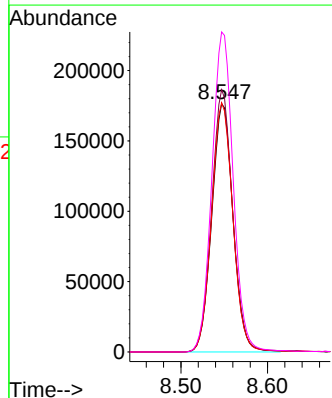
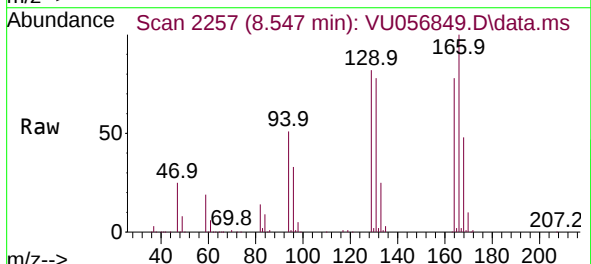


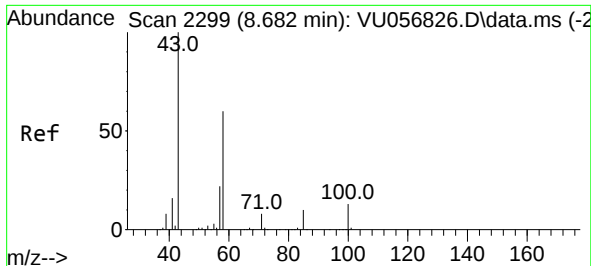
Tgt Ion:	97	Resp:	2677
Ion	Ratio	Lower	Upper
97	100		
99	17.1	41.9	77.9#
83	233.2	59.1	109.7#
85	31.6	39.6	73.6#



#47
Tetrachloroethene
Concen: 17.985 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU056849.D
Acq: 14 Dec 2023 19:19

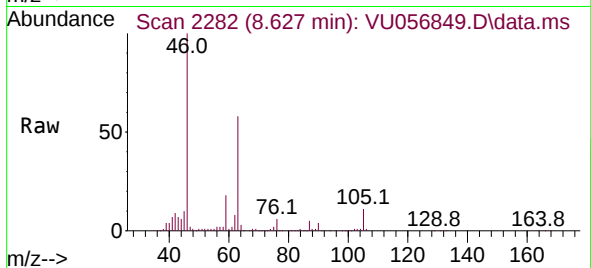
Tgt Ion:	164	Resp:	302400
Ion	Ratio	Lower	Upper
164	100		
129	105.6	73.4	136.4
131	100.4	71.5	132.9
166	128.9	92.7	172.1



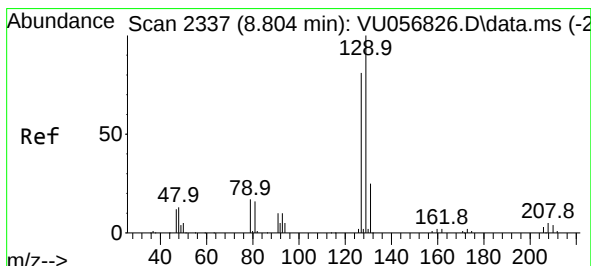
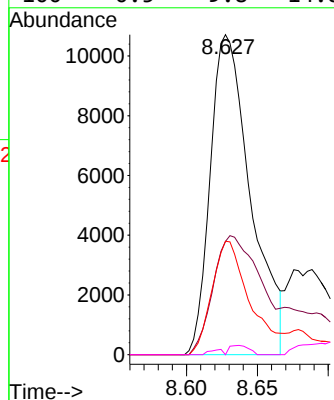
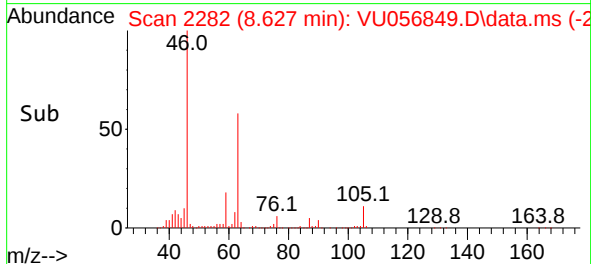


#48
2-Hexanone
Concen: 2.807 ug/L
RT: 8.627 min Scan# 21268
Delta R.T. -0.055 min
Lab File: VU056849.D
Acq: 14 Dec 2023 19:19

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ClientSampleId :

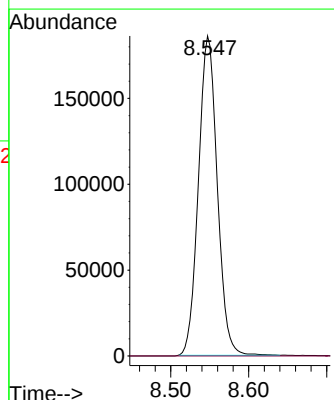
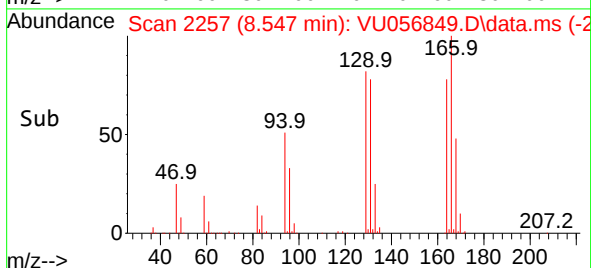
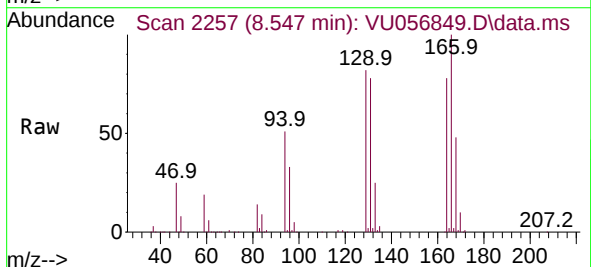


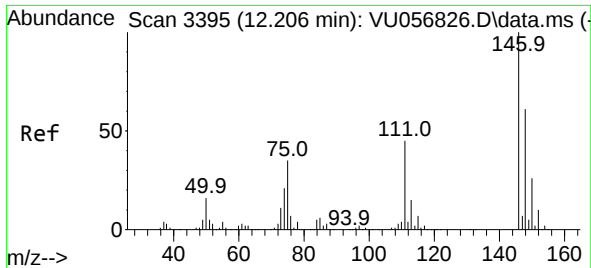
Tgt Ion: 43 Resp: 21268
Ion Ratio Lower Upper
43 100
58 44.3 47.5 71.3#
57 33.8 17.0 25.4#
100 0.5 9.8 14.8#



#49
Dibromochloromethane
Concen: 17.914 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.257 min
Lab File: VU056849.D
Acq: 14 Dec 2023 19:19

Tgt Ion: 129 Resp: 311882
Ion Ratio Lower Upper
129 100
127 0.0 53.9 100.1#





#67

1,2-Dichlorobenzene

Concen: 0.218 ug/L

RT: 12.203 min Scan# 31

Delta R.T. -0.003 min

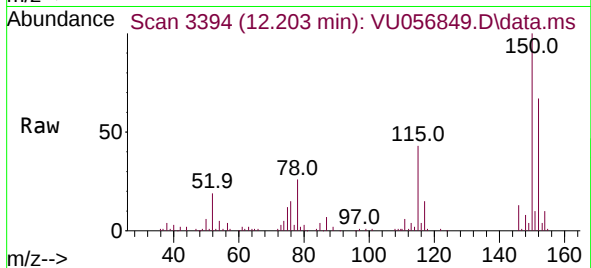
Lab File: VU056849.D

Acq: 14 Dec 2023 19:19

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:146 Resp: 7794

Ion Ratio Lower Upper

146 100

111 50.0 36.9 55.3

148 60.5 53.0 79.4

