

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121823\
 Data File : VU056990.D
 Acq On : 18 Dec 2023 13:49
 Operator : MD/SY
 Sample : 05890-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 19 01:40:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 19 01:20:32 2023
 Response via : Initial Calibration

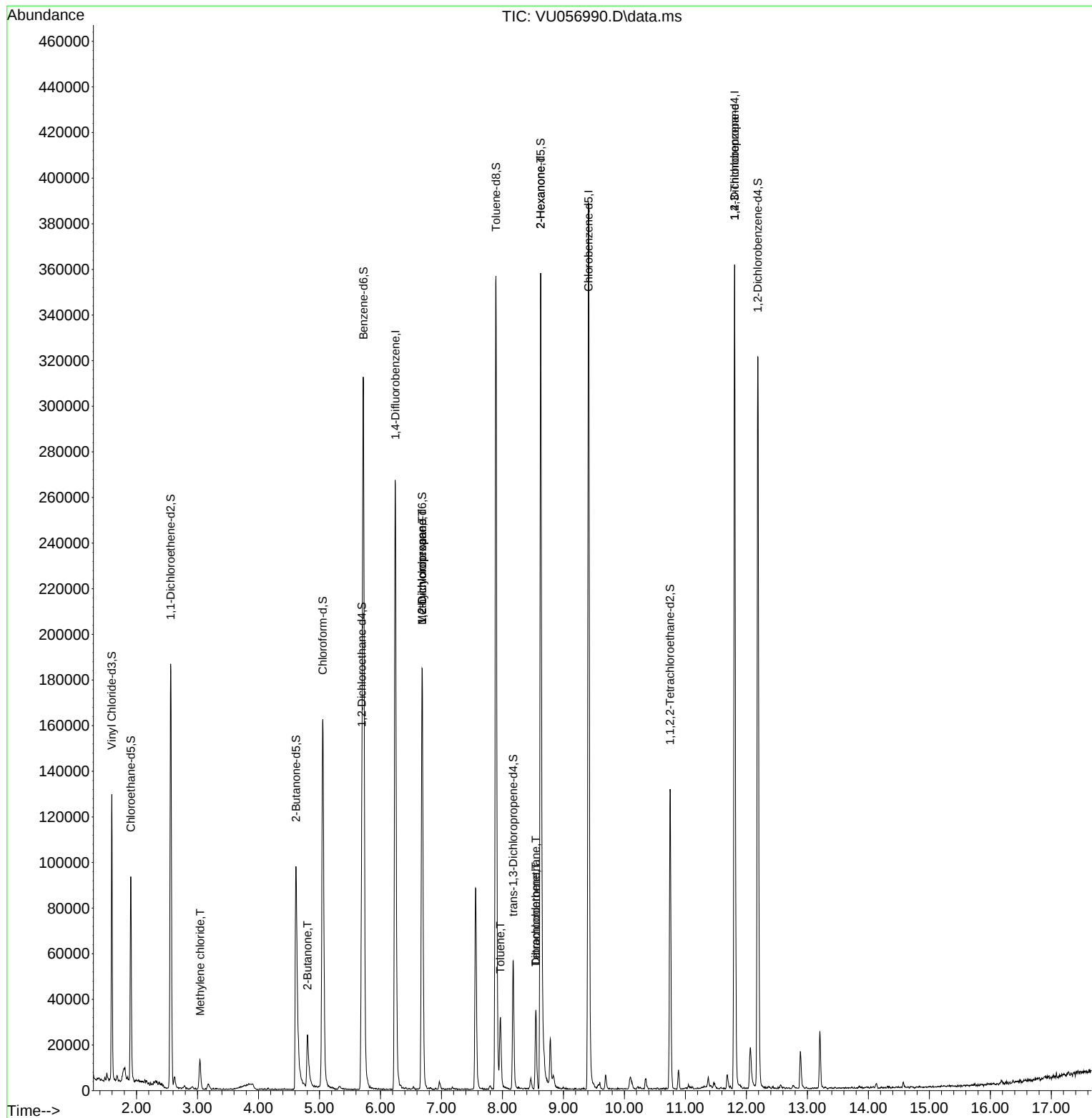
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	215090	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	222825	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	95625	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	85989	4.664	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	93.200%	
7) Chloroethane-d5	1.907	69	68838	4.989	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	99.800%	
11) 1,1-Dichloroethene-d2	2.560	65	36146	4.582	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	91.600%	
20) 2-Butanone-d5	4.615	46	151335	41.564	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	83.120%	
24) Chloroform-d	5.055	84	157723	4.518	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.400%	
26) 1,2-Dichloroethane-d4	5.695	65	75888	4.593	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.800%	
32) Benzene-d6	5.721	84	298874	4.324	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.400%	
36) 1,2-Dichloropropane-d6	6.682	67	89044	4.116	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	82.400%	
41) Toluene-d8	7.894	98	245364	3.972	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	79.400%	
43) trans-1,3-Dichloroprop...	8.177	79	34326	4.092	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	81.800%	
46) 2-Hexanone-d5	8.627	63	117800	37.231	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	74.460%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	65618	4.192	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	83.800%	
66) 1,2-Dichlorobenzene-d4	12.187	152	85264	4.536	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	90.800%	
Target Compounds						
					Qvalue	
16) Methylene chloride	3.042	84	6439	0.338	ug/L	87
21) 2-Butanone	4.804	43	33570	8.971	ug/L #	46
35) Methylcyclohexane	6.685	83	20386	0.643	ug/L #	17
37) 1,2-Dichloropropane	6.682	63	10074	0.503	ug/L #	88
42) Toluene	7.965	91	23913	0.295	ug/L	96
47) Tetrachloroethene	8.547	164	7549	0.502	ug/L	92
48) 2-Hexanone	8.627	43	14522	2.144	ug/L #	78
49) Dibromochloromethane	8.550	129	7884	0.506	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	11993	1.168	ug/L #	69

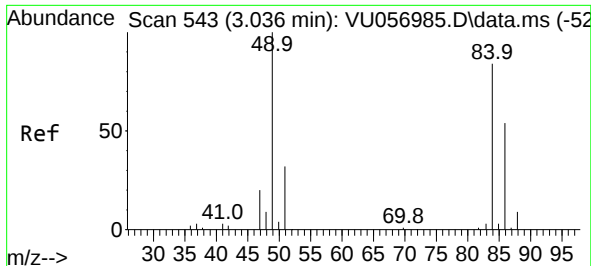
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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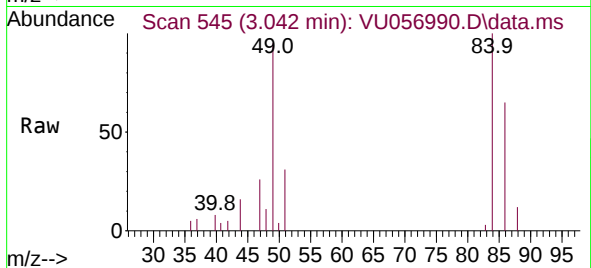
Quant Time: Dec 19 01:40:09 2023
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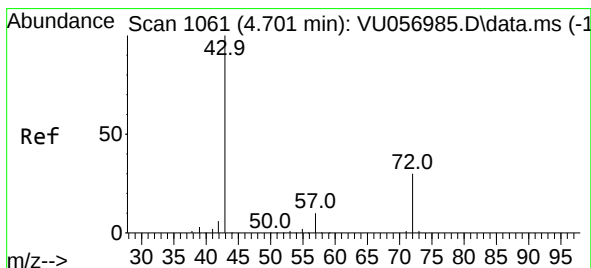
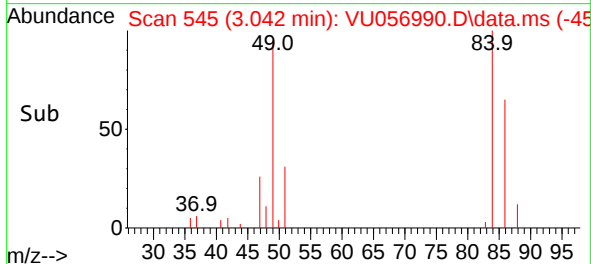
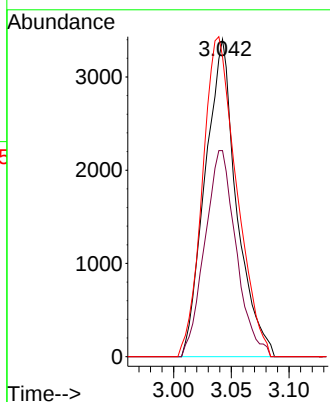


#16
Methylene chloride
Concen: 0.338 ug/L
RT: 3.042 min Scan# 54
Delta R.T. 0.006 min
Lab File: VU056990.D
Acq: 18 Dec 2023 13:49

Instrument :
MSVOA_U
ClientSampleId :

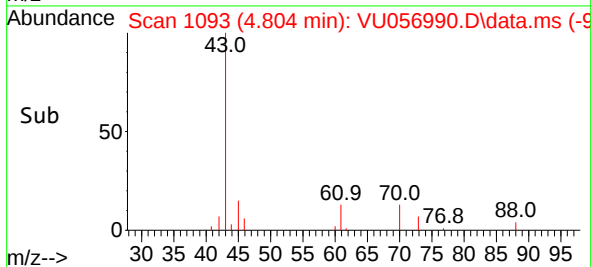
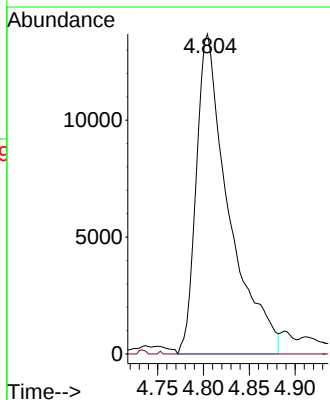
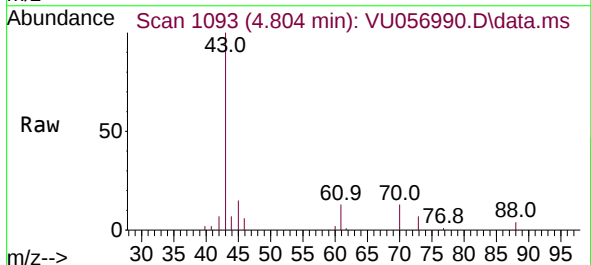


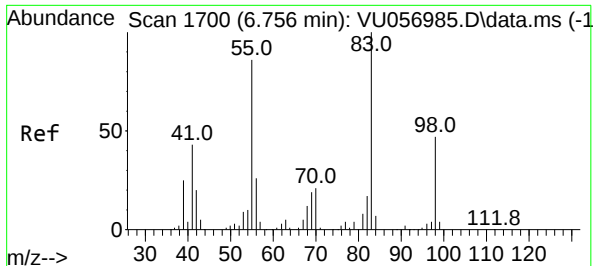
Tgt Ion: 84 Resp: 6439
Ion Ratio Lower Upper
84 100
86 64.9 43.6 81.0
49 94.6 80.6 149.6



#21
2-Butanone
Concen: 8.971 ug/L
RT: 4.804 min Scan# 1093
Delta R.T. 0.103 min
Lab File: VU056990.D
Acq: 18 Dec 2023 13:49

Tgt Ion: 43 Resp: 33570
Ion Ratio Lower Upper
43 100
72 0.1 14.6 43.8#





#35

Methylcyclohexane

Concen: 0.643 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU056990.D

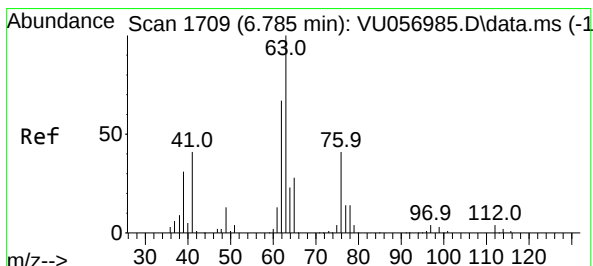
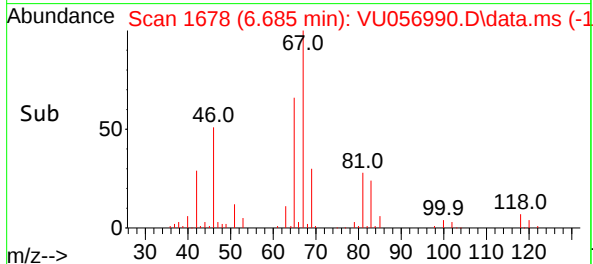
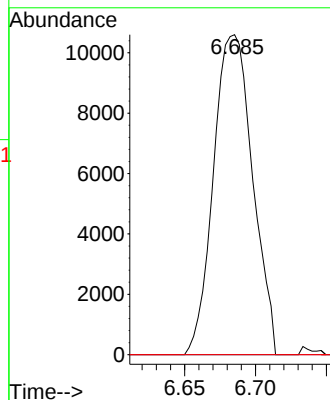
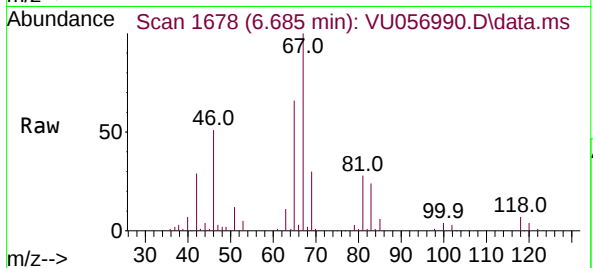
Acq: 18 Dec 2023 13:49

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 20386
Ion Ratio	Lower Upper
83 100	
55 0.0	64.6 97.0#
98 0.4	36.1 54.1#



#37

1,2-Dichloropropane

Concen: 0.503 ug/L

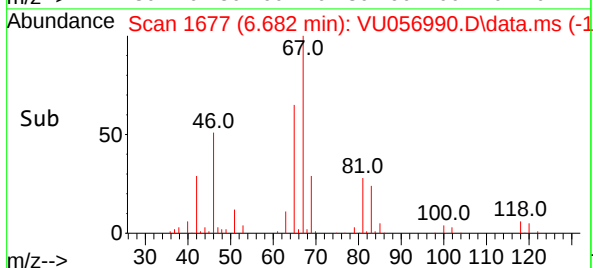
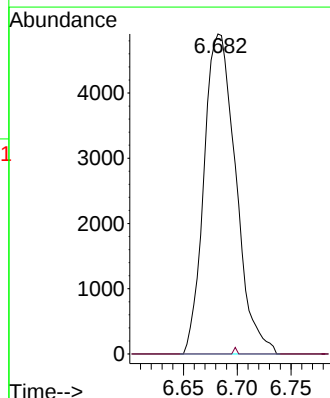
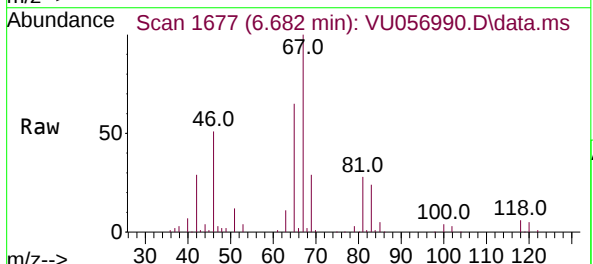
RT: 6.682 min Scan# 1677

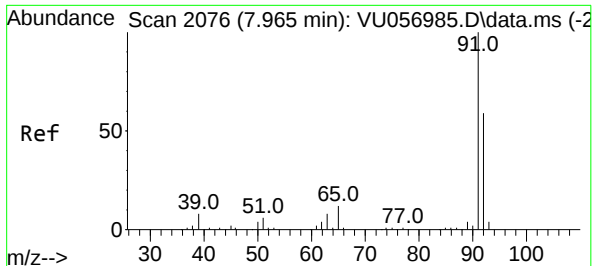
Delta R.T. -0.103 min

Lab File: VU056990.D

Acq: 18 Dec 2023 13:49

Tgt Ion: 63	Resp: 10074
Ion Ratio	Lower Upper
63 100	
112 0.2	3.3 4.9#





#42

Toluene

Concen: 0.295 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. -0.000 min

Lab File: VU056990.D

Acq: 18 Dec 2023 13:49

Instrument :

MSVOA_U

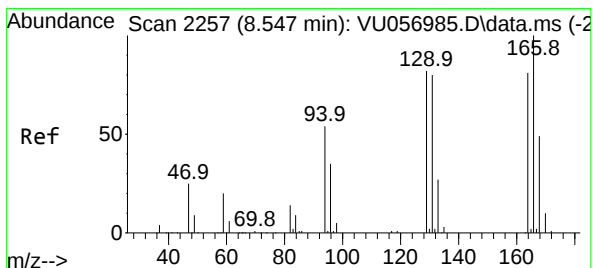
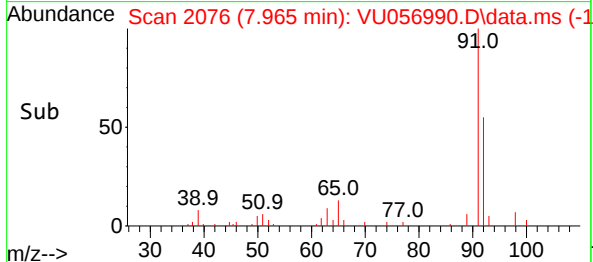
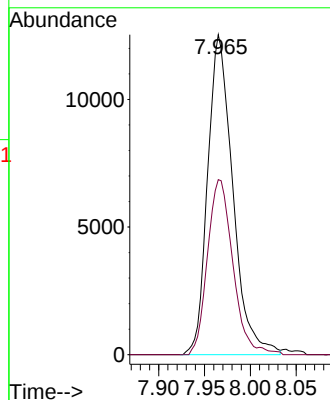
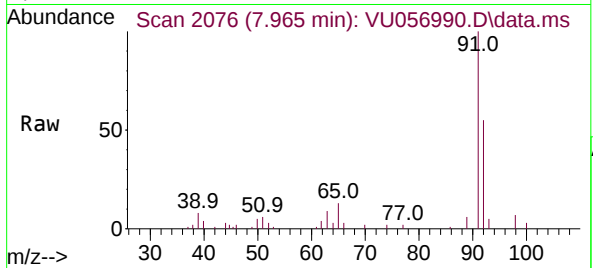
ClientSampleId :

Tgt Ion: 91 Resp: 23913

Ion Ratio Lower Upper

91 100

92 54.7 40.4 75.0



#47

Tetrachloroethene

Concen: 0.502 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.000 min

Lab File: VU056990.D

Acq: 18 Dec 2023 13:49

Tgt Ion: 164 Resp: 7549

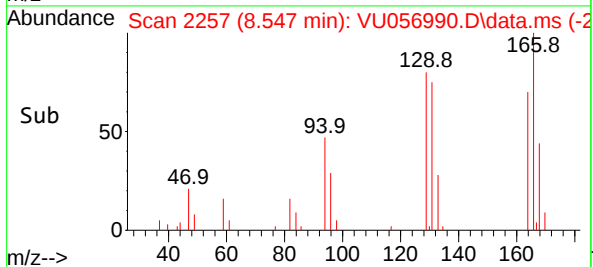
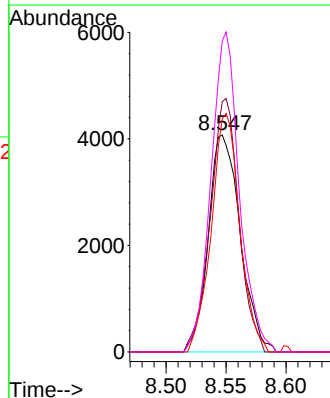
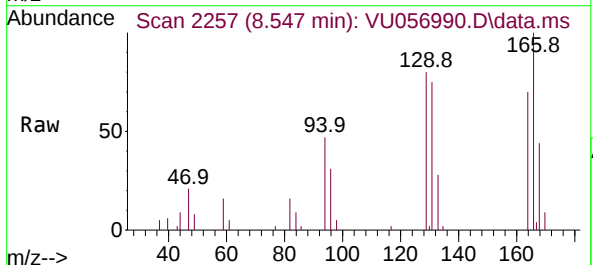
Ion Ratio Lower Upper

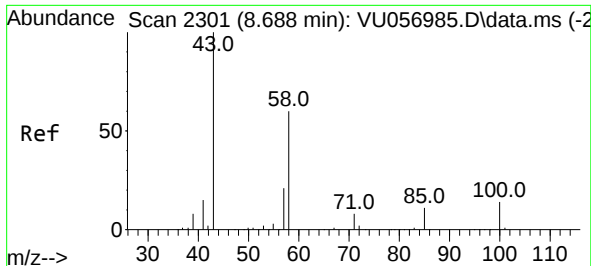
164 100

129 115.4 73.4 136.4

131 107.5 71.5 132.9

166 143.4 92.7 172.1





#48

2-Hexanone

Concen: 2.144 ug/L

RT: 8.627 min Scan# 21

Delta R.T. -0.061 min

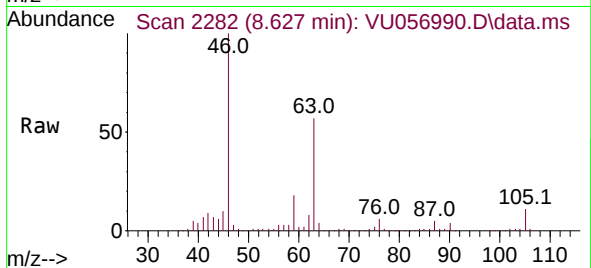
Lab File: VU056990.D

Acq: 18 Dec 2023 13:49

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 14522

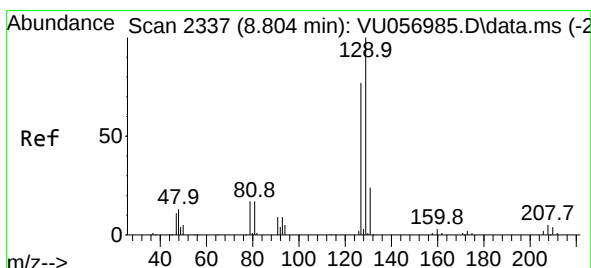
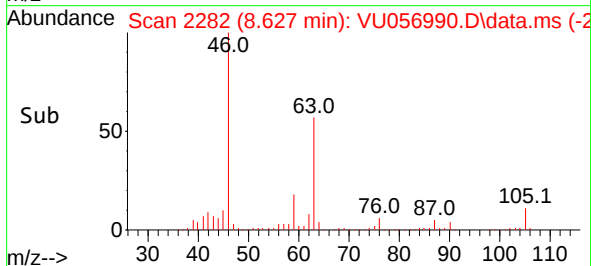
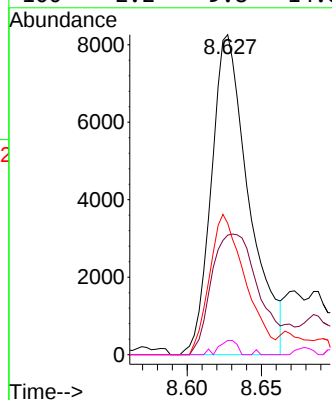
Ion Ratio Lower Upper

43 100

58 50.1 47.5 71.3

57 42.2 17.0 25.4#

100 2.2 9.8 14.8#



#49

Dibromochloromethane

Concen: 0.506 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. -0.254 min

Lab File: VU056990.D

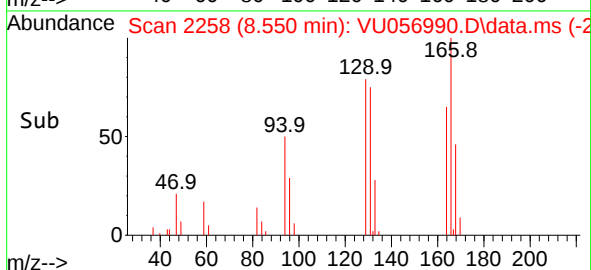
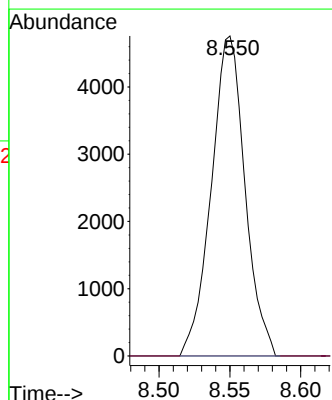
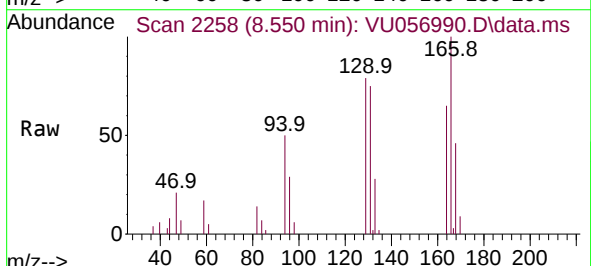
Acq: 18 Dec 2023 13:49

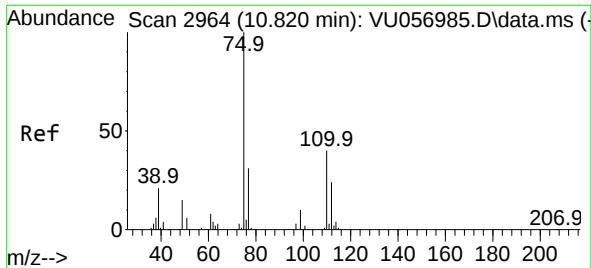
Tgt Ion: 129 Resp: 7884

Ion Ratio Lower Upper

129 100

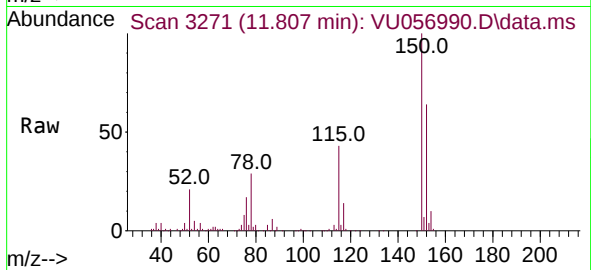
127 0.0 53.9 100.1#





#61
1,2,3-Trichloropropane
Concen: 1.168 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.987 min
Lab File: VU056990.D
Acq: 18 Dec 2023 13:49

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MSVOA_U
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Tgt Ion:	75	Resp:	11993
Ion	Ratio	Lower	Upper
75	100		
110	2.1	28.4	42.6#
77	31.9	26.3	39.5

