

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103023\
 Data File : VU056005.D
 Acq On : 30 Oct 2023 18:25
 Operator : MD/SY
 Sample : 05113-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 31 05:33:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 31 05:28:08 2023
 Response via : Initial Calibration

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

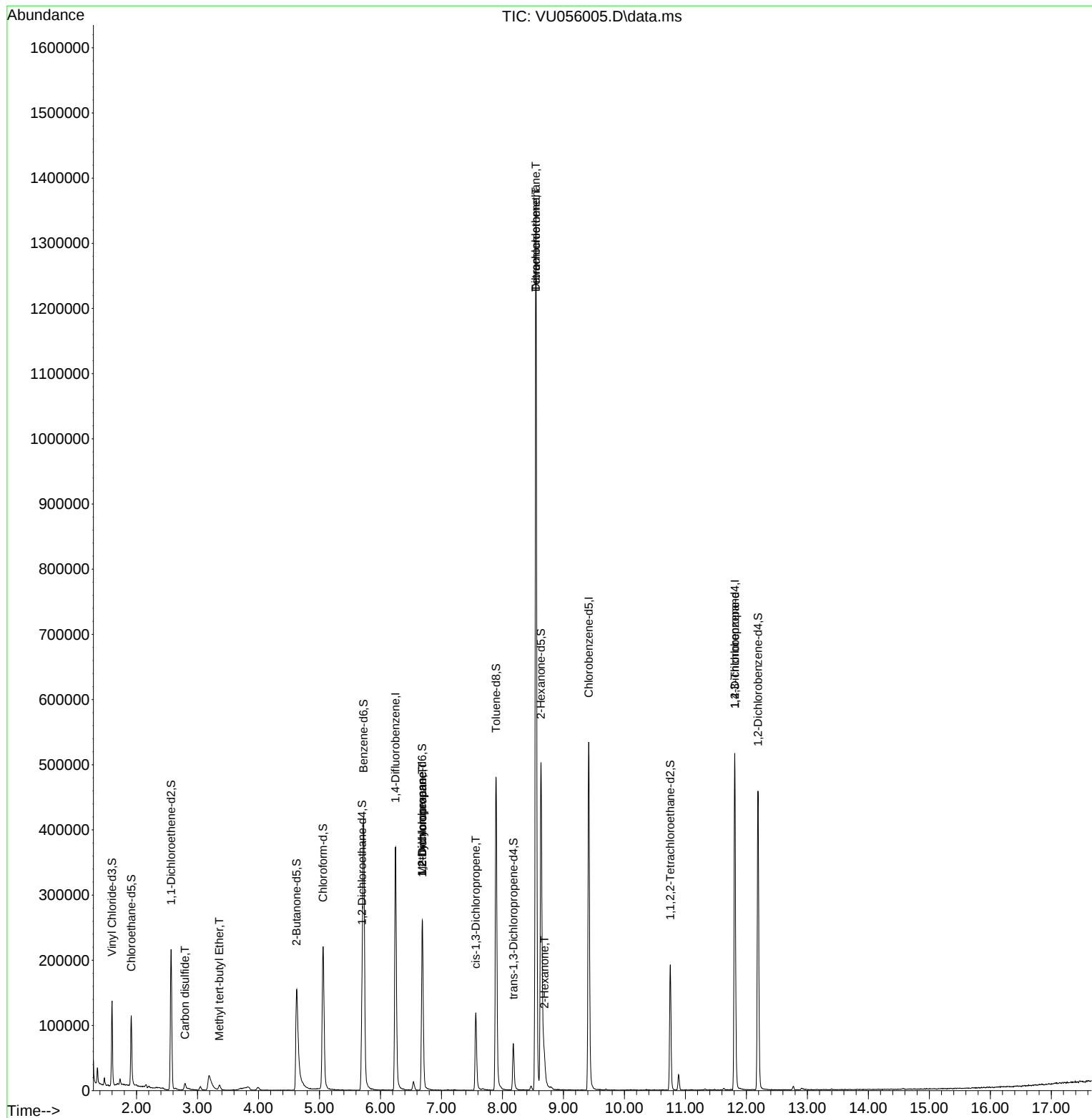
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	319516	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	322898	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	148461	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	89401	3.537	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.800%
7) Chloroethane-d5	1.914	69	84221	4.275	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.400%
11) 1,1-Dichloroethene-d2	2.567	65	40431	3.768	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.400%
20) 2-Butanone-d5	4.624	46	227653	50.488	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.980%
24) Chloroform-d	5.058	84	218054	4.656	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
26) 1,2-Dichloroethane-d4	5.698	65	102215	4.480	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%
32) Benzene-d6	5.724	84	423244	4.400	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
36) 1,2-Dichloropropane-d6	6.685	67	132360	4.642	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.800%
41) Toluene-d8	7.894	98	352413	4.039	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.800%
43) trans-1,3-Dichloroprop...	8.180	79	44929	4.029	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.600%
46) 2-Hexanone-d5	8.631	63	183591	64.853	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	129.700%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	100269	4.829	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	131396	4.744	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.800%
Target Compounds						
					Qvalue	
14) Carbon disulfide	2.795	76	10723	0.270	ug/L #	89
17) Methyl tert-butyl Ether	3.357	73	8126	0.216	ug/L #	88
35) Methylcyclohexane	6.685	83	31345	1.165	ug/L #	18
37) 1,2-Dichloropropane	6.689	63	13730	0.726	ug/L #	88
39) cis-1,3-Dichloropropene	7.563	75	3181	0.118	ug/L #	65
47) Tetrachloroethene	8.550	164	308720	22.116	ug/L	97
48) 2-Hexanone	8.688	43	21716	3.028	ug/L #	86
49) Dibromochloromethane	8.550	129	309826	21.215	ug/L #	11
61) 1,2,3-Trichloropropane	11.811	75	17287	1.696	ug/L #	68

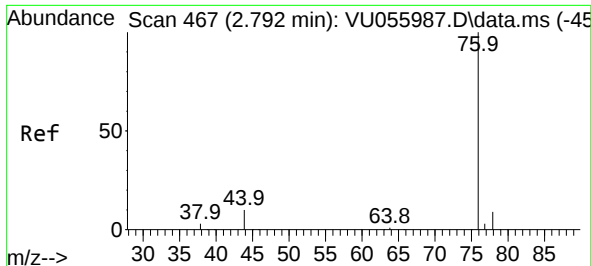
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#14

Carbon disulfide

Concen: 0.270 ug/L

RT: 2.795 min Scan# 4

Delta R.T. 0.003 min

Lab File: VU056005.D

Acq: 30 Oct 2023 18:25

Instrument :

MSVOA_U

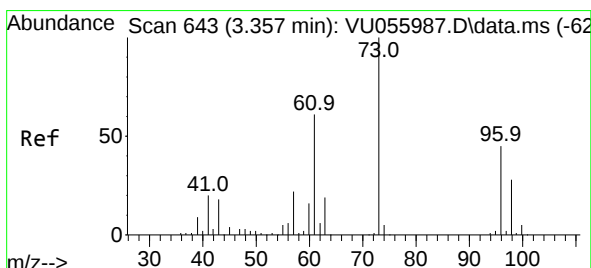
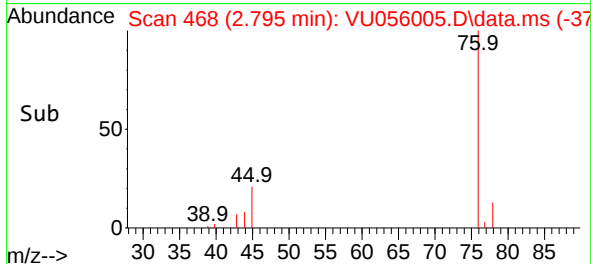
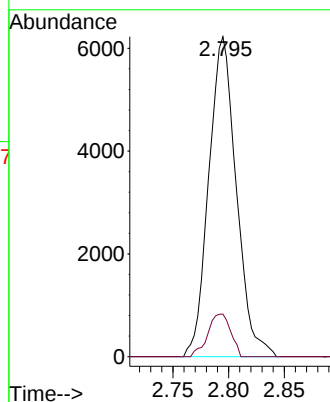
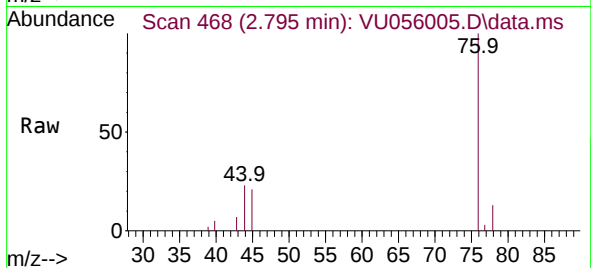
ClientSampleId :

Tgt Ion: 76 Resp: 10723

Ion Ratio Lower Upper

76 100

78 13.3 7.5 11.3#



#17

Methyl tert-butyl Ether

Concen: 0.216 ug/L

RT: 3.357 min Scan# 643

Delta R.T. 0.000 min

Lab File: VU056005.D

Acq: 30 Oct 2023 18:25

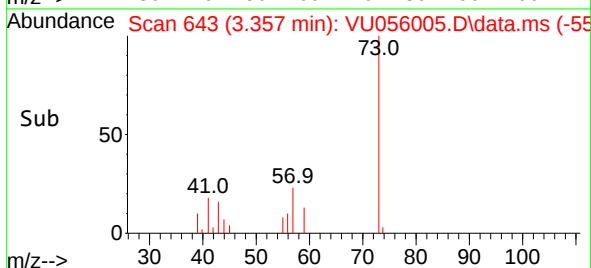
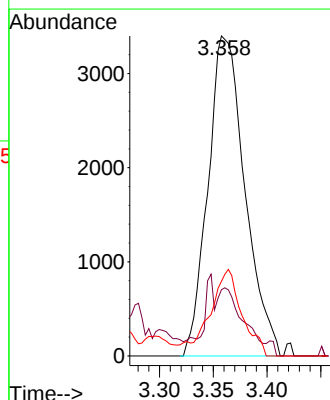
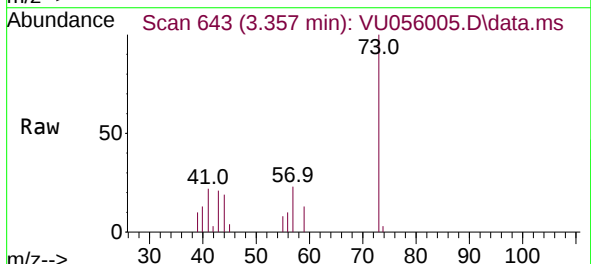
Tgt Ion: 73 Resp: 8126

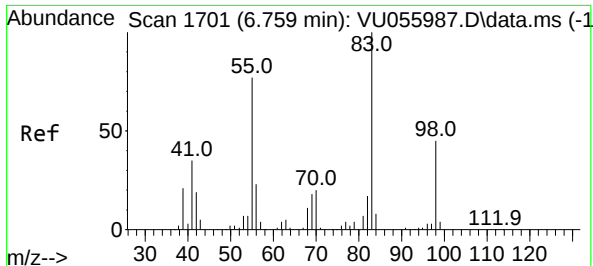
Ion Ratio Lower Upper

73 100

43 9.4 14.4 21.6#

57 23.9 17.0 25.4





#35

Methylcyclohexane

Concen: 1.165 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU056005.D

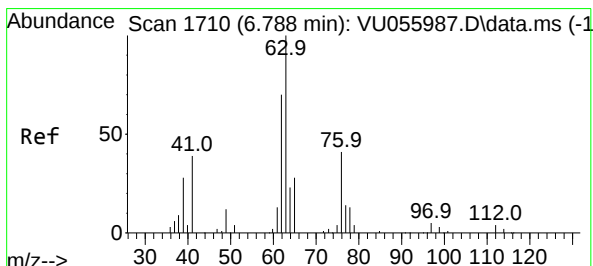
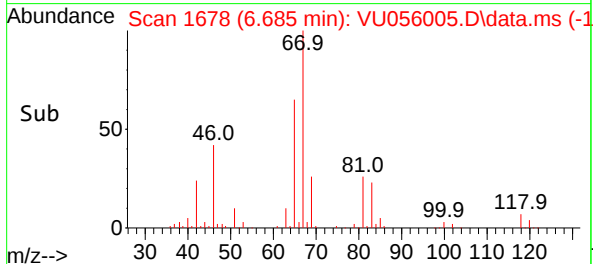
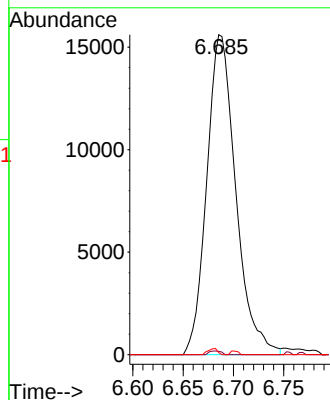
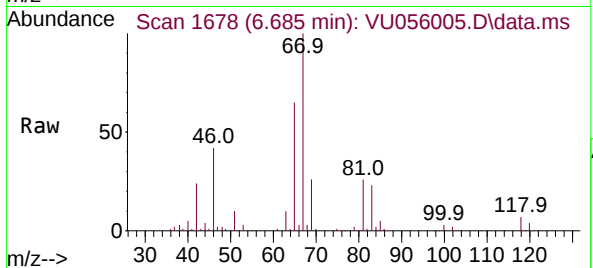
Acq: 30 Oct 2023 18:25

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 31345
Ion Ratio	Lower Upper
83 100	
55 0.5	62.4 93.6#
98 0.6	37.4 56.2#



#37

1,2-Dichloropropane

Concen: 0.726 ug/L

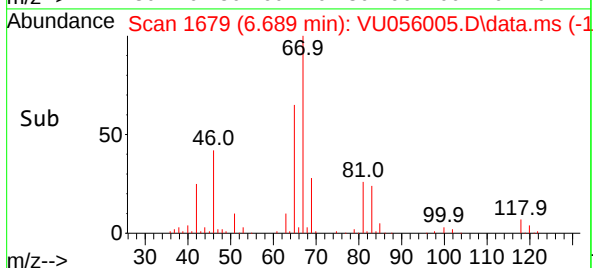
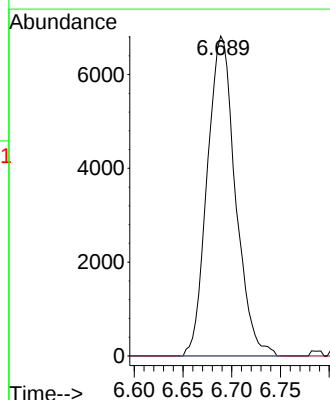
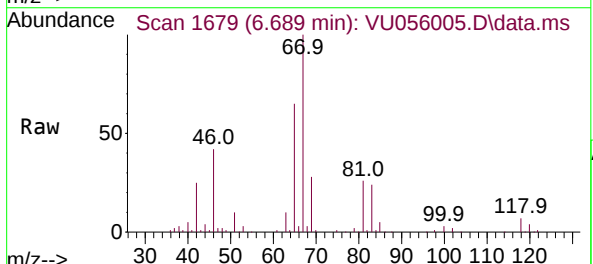
RT: 6.689 min Scan# 1679

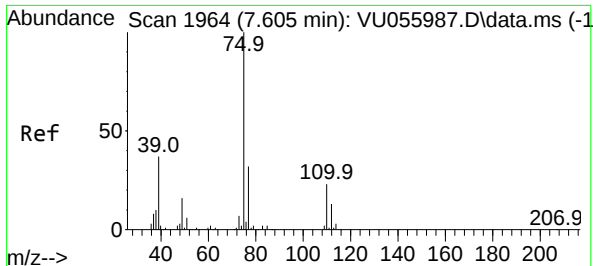
Delta R.T. -0.100 min

Lab File: VU056005.D

Acq: 30 Oct 2023 18:25

Tgt Ion: 63	Resp: 13730
Ion Ratio	Lower Upper
63 100	
112 0.0	3.1 4.7#





#39

cis-1,3-Dichloropropene

Concen: 0.118 ug/L

RT: 7.563 min Scan# 1964

Delta R.T. -0.042 min

Lab File: VU056005.D

Acq: 30 Oct 2023 18:25

Instrument :

MSVOA_U

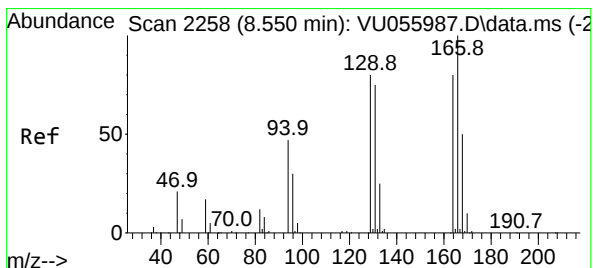
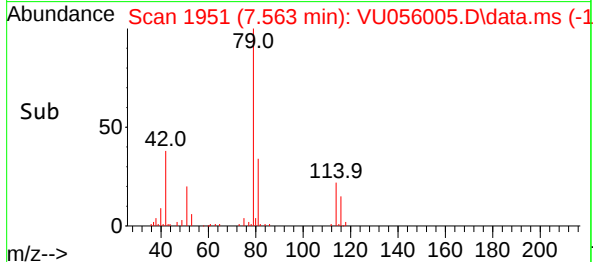
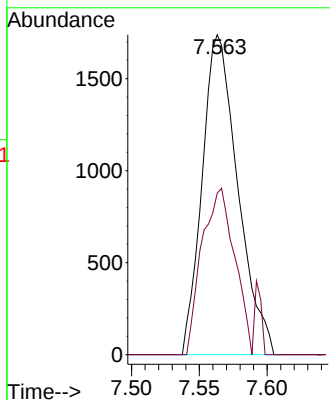
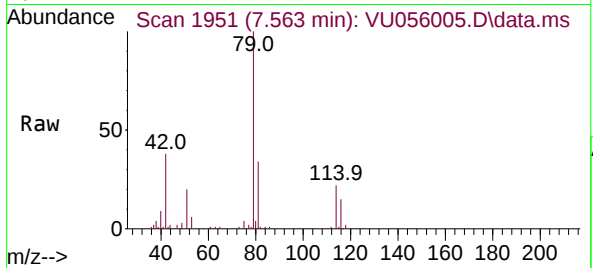
ClientSampleId :

Tgt Ion: 75 Resp: 3181

Ion Ratio Lower Upper

75 100

77 50.5 21.7 40.3#



#47

Tetrachloroethene

Concen: 22.116 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. 0.000 min

Lab File: VU056005.D

Acq: 30 Oct 2023 18:25

Tgt Ion: 164 Resp: 308720

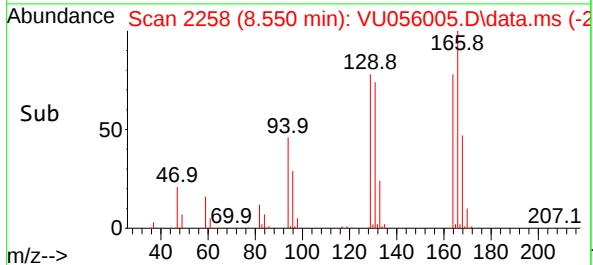
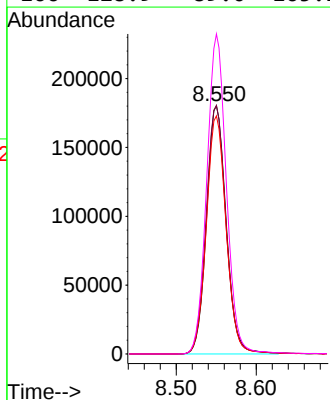
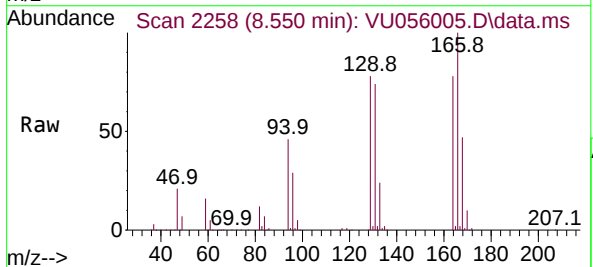
Ion Ratio Lower Upper

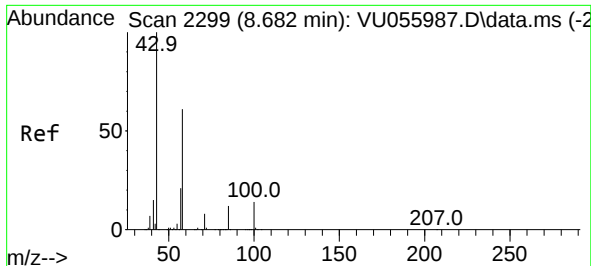
164 100

129 100.1 72.2 134.0

131 95.9 70.8 131.6

166 128.9 89.0 165.2

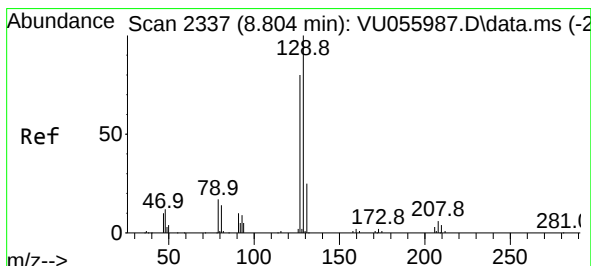
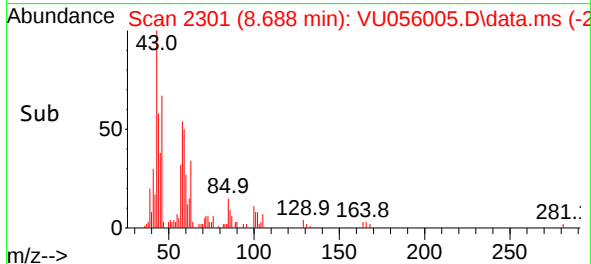
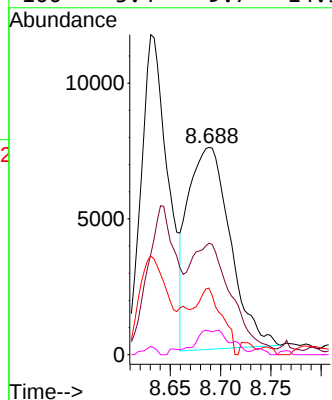
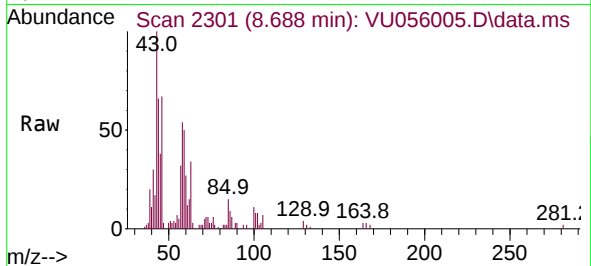




#48
2-Hexanone
Concen: 3.028 ug/L
RT: 8.688 min Scan# 21716
Delta R.T. 0.006 min
Lab File: VU056005.D
Acq: 30 Oct 2023 18:25

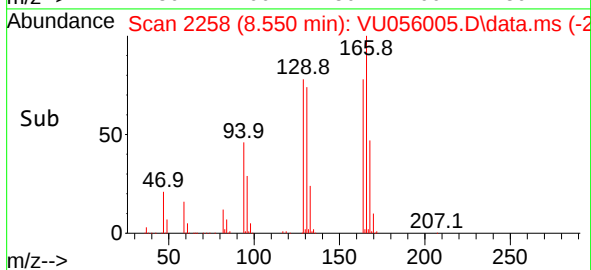
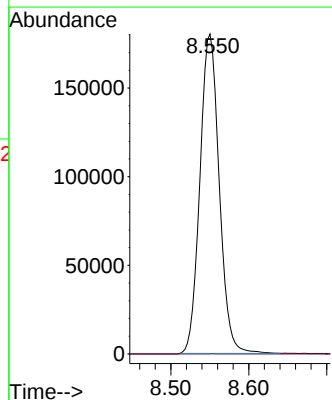
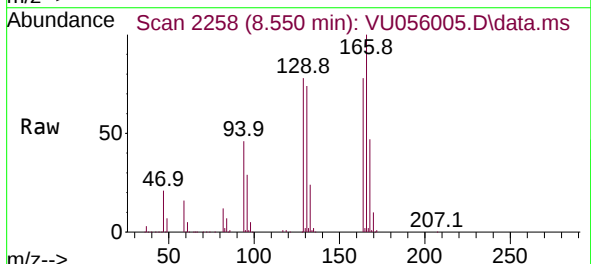
Instrument :
MSVOA_U
ClientSampleId :

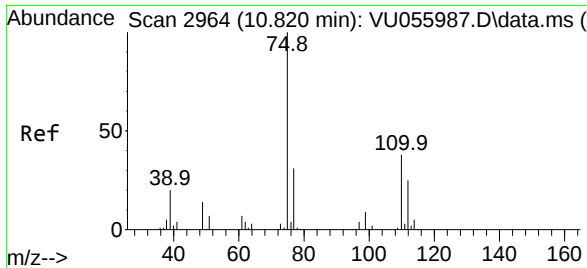
Tgt Ion: 43	Resp: 21716
Ion Ratio	Lower Upper
43 100	
58 50.1	49.5 74.3
57 18.7	16.9 25.3
100 3.4	9.7 14.5#



#49
Dibromochloromethane
Concen: 21.215 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.254 min
Lab File: VU056005.D
Acq: 30 Oct 2023 18:25

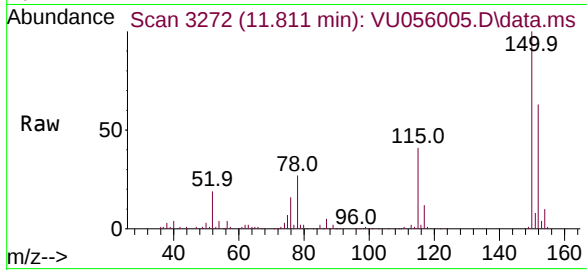
Tgt Ion:129	Resp: 309826		
Ion Ratio	Lower	Upper	
129 100			
127 0.0	53.5	99.5#	





#61
1,2,3-Trichloropropane
Concen: 1.696 ug/L
RT: 11.811 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU056005.D
Acq: 30 Oct 2023 18:25

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 17287
Ion Ratio Lower Upper
75 100
110 2.2 29.0 43.6#
77 30.8 24.5 36.7

