

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111323\
 Data File : VU056293.D
 Acq On : 14 Nov 2023 09:00
 Operator : MD/SY
 Sample : 05371-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 15 00:38:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 15 00:09:07 2023
 Response via : Initial Calibration

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

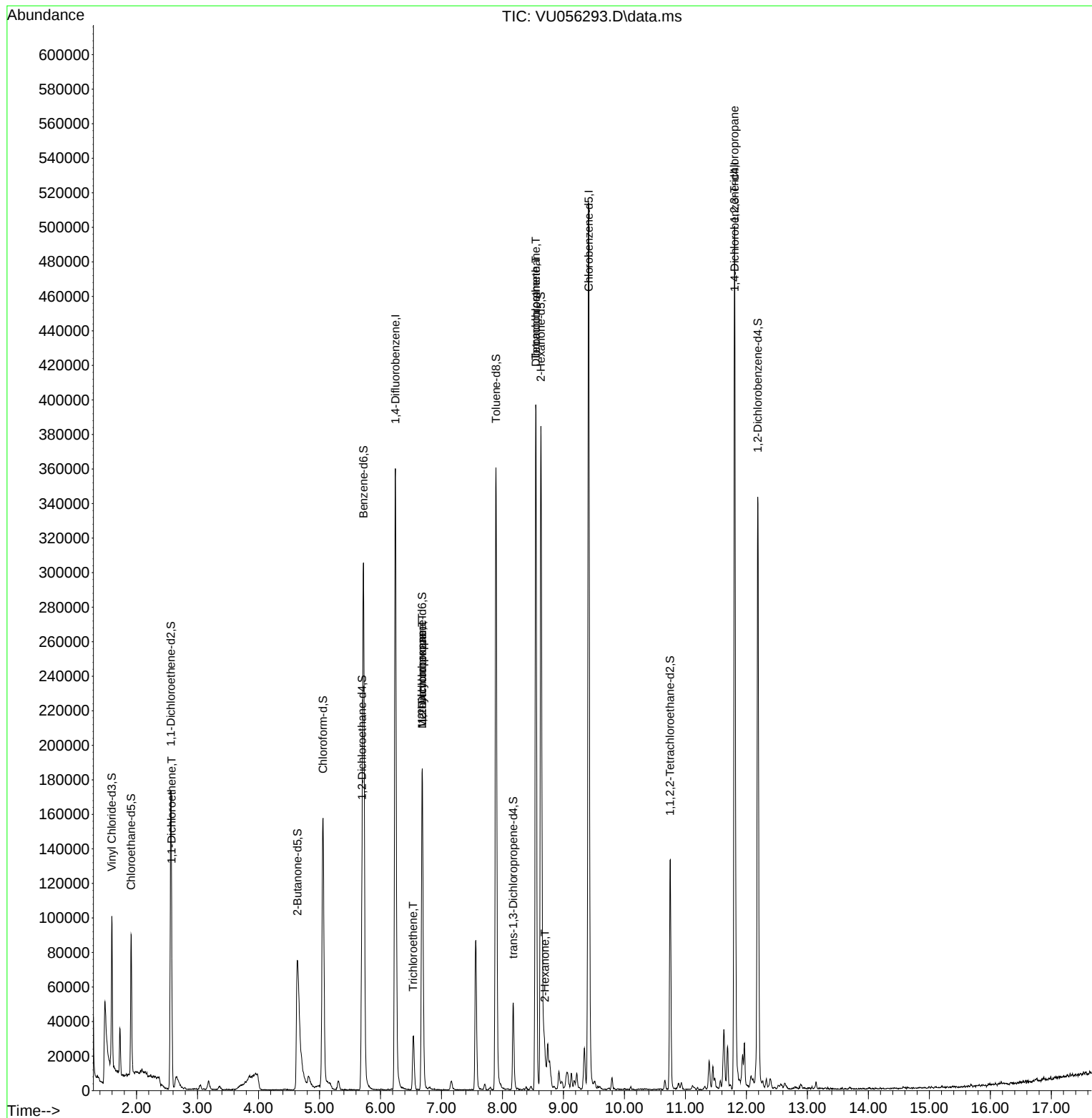
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	293768	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	296232	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	131255	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	61849	2.815	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	56.200%
7) Chloroethane-d5	1.911	69	61264	3.636	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.800%
11) 1,1-Dichloroethene-d2	2.563	65	32974	3.400	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.000%
20) 2-Butanone-d5	4.637	46	172850	39.451	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.900%
24) Chloroform-d	5.058	84	153206	3.605	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.000%
26) 1,2-Dichloroethane-d4	5.698	65	74180	3.777	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.600%
32) Benzene-d6	5.721	84	292174	3.310	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	66.200%#
36) 1,2-Dichloropropane-d6	6.685	67	91108	3.425	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	68.600%
41) Toluene-d8	7.894	98	252484	3.240	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	64.800%#
43) trans-1,3-Dichloroprop...	8.177	79	31564	3.094	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	61.800%
46) 2-Hexanone-d5	8.631	63	137690	34.344	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	68.680%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	67505	3.552	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	71.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	90843	3.746	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	75.000%#
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.576	96	5606	0.312	ug/L #	1
34) Trichloroethene	6.537	95	11542	0.501	ug/L	95
35) Methylcyclohexane	6.682	83	21885	0.658	ug/L #	19
37) 1,2-Dichloropropane	6.682	63	10372	0.471	ug/L #	89
47) Tetrachloroethene	8.547	164	85713	5.519	ug/L	98
48) 2-Hexanone	8.695	43	5160	0.606	ug/L #	68
49) Dibromochloromethane	8.550	129	88523	5.303	ug/L #	12
61) 1,2,3-Trichloropropane	11.804	75	15689	1.393	ug/L #	65

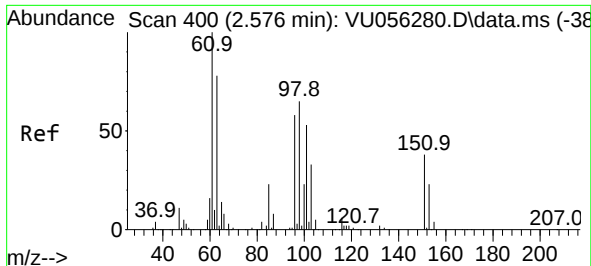
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 15 00:09:07 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.312 ug/L

RT: 2.576 min Scan# 400

Delta R.T. -0.000 min

Lab File: VU056293.D

Acq: 14 Nov 2023 09:00

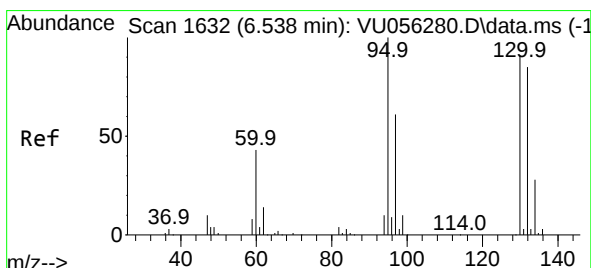
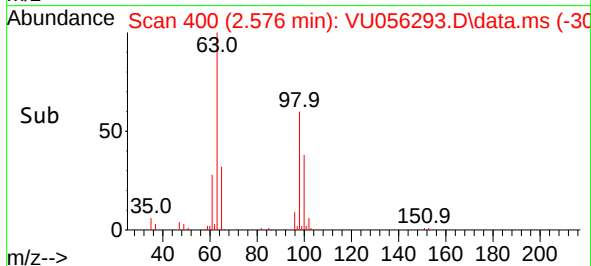
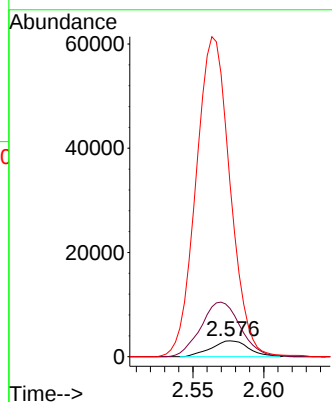
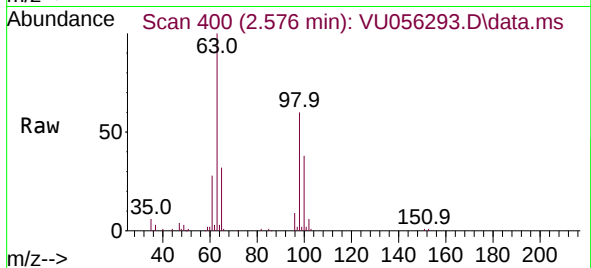
Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 96 Resp: 5606

Ion	Ratio	Lower	Upper
96	100		
61	306.6	123.1	228.7#
63	1101.0	93.3	173.3#



#34

Trichloroethene

Concen: 0.501 ug/L

RT: 6.537 min Scan# 1632

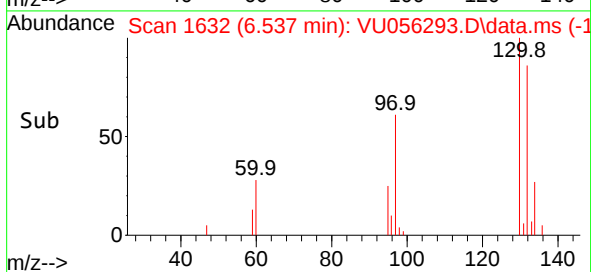
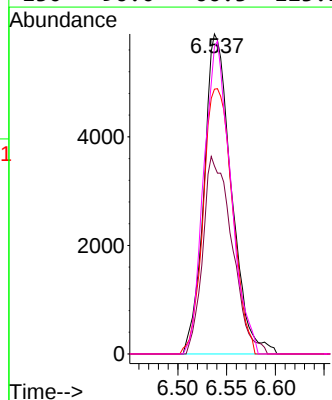
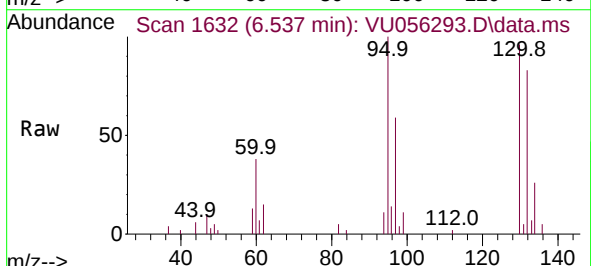
Delta R.T. -0.000 min

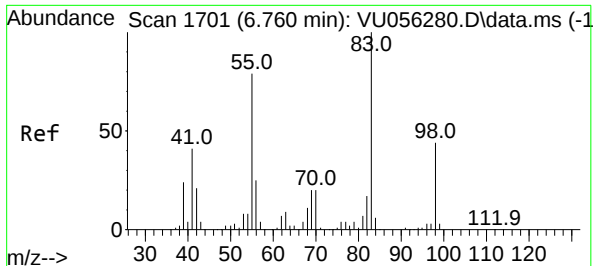
Lab File: VU056293.D

Acq: 14 Nov 2023 09:00

Tgt Ion: 95 Resp: 11542

Ion	Ratio	Lower	Upper
95	100		
97	58.8	46.5	86.3
132	82.8	62.0	115.2
130	96.0	66.3	123.1





#35

Methylcyclohexane

Concen: 0.658 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.077 min

Lab File: VU056293.D

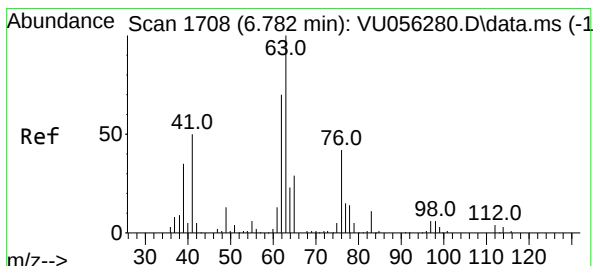
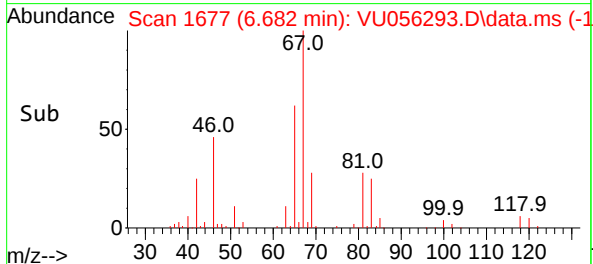
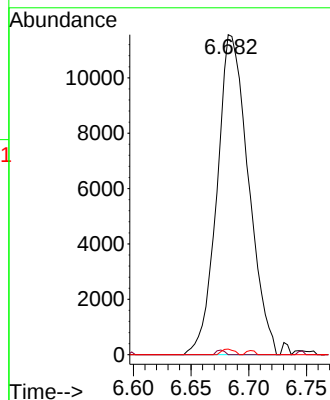
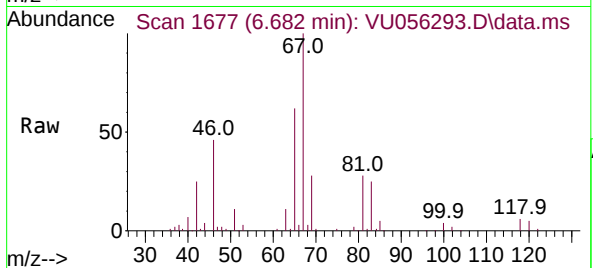
Acq: 14 Nov 2023 09:00

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	21885
Ion Ratio	Lower	Upper	
83	100		
55	0.4	62.9	94.3#
98	0.7	35.3	52.9#



#37

1,2-Dichloropropane

Concen: 0.471 ug/L

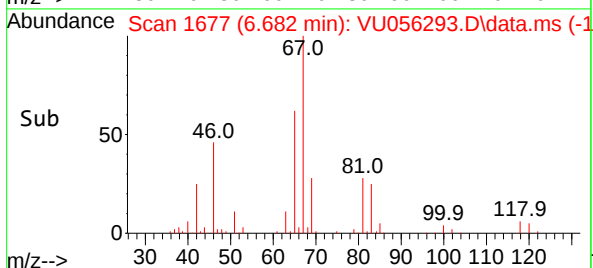
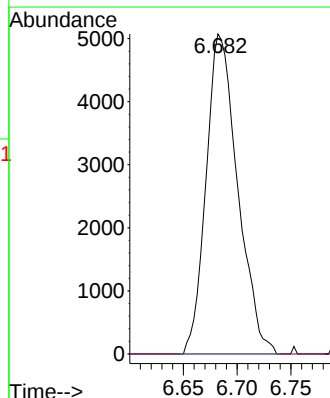
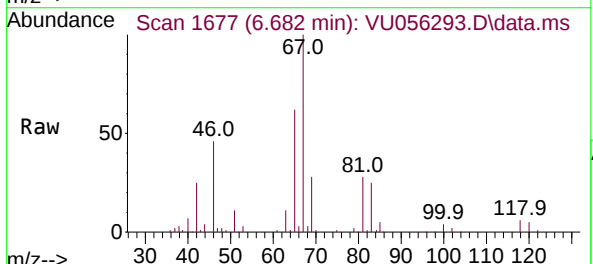
RT: 6.682 min Scan# 1677

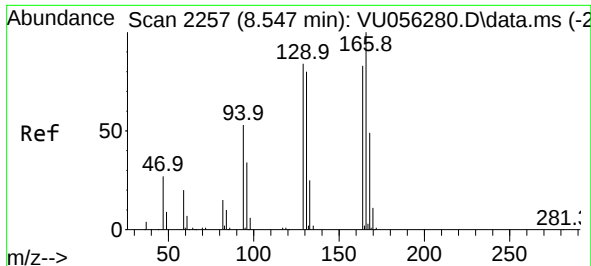
Delta R.T. -0.100 min

Lab File: VU056293.D

Acq: 14 Nov 2023 09:00

Tgt Ion:	63	Resp:	10372
Ion Ratio	Lower	Upper	
63	100		
112	0.4	3.2	4.8#





#47

Tetrachloroethene

Concen: 5.519 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.000 min

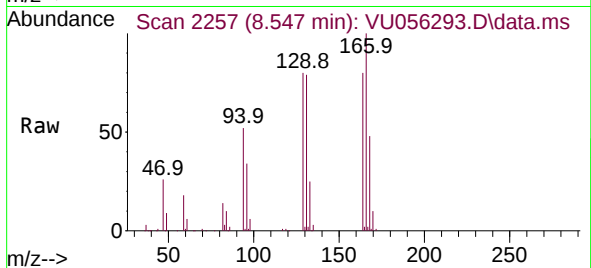
Lab File: VU056293.D

Acq: 14 Nov 2023 09:00

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 85713

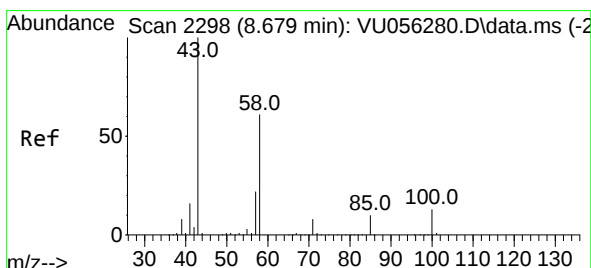
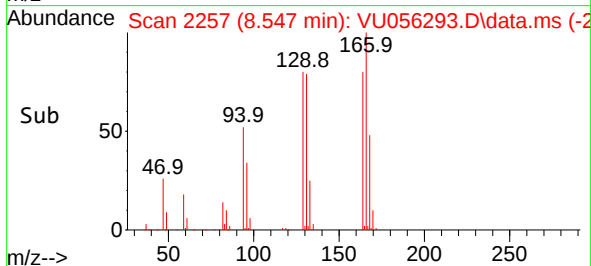
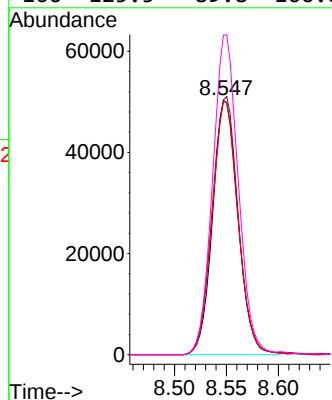
Ion Ratio Lower Upper

164 100

129 100.1 71.0 131.9

131 99.4 70.3 130.7

166 125.5 89.8 166.8



#48

2-Hexanone

Concen: 0.606 ug/L

RT: 8.695 min Scan# 2303

Delta R.T. 0.016 min

Lab File: VU056293.D

Acq: 14 Nov 2023 09:00

Tgt Ion: 43 Resp: 5160

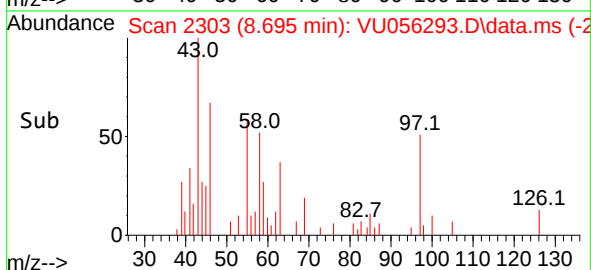
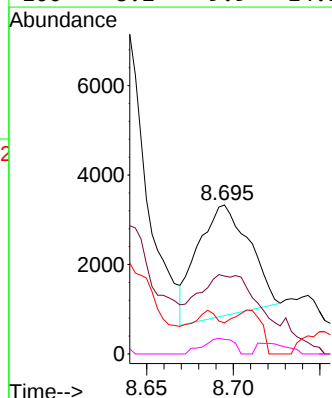
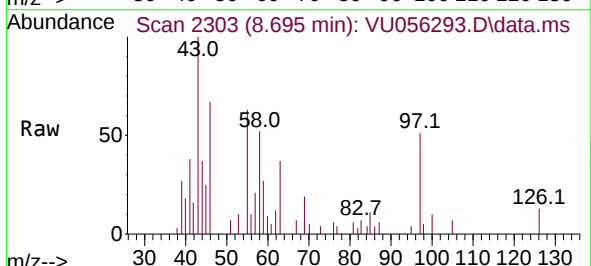
Ion Ratio Lower Upper

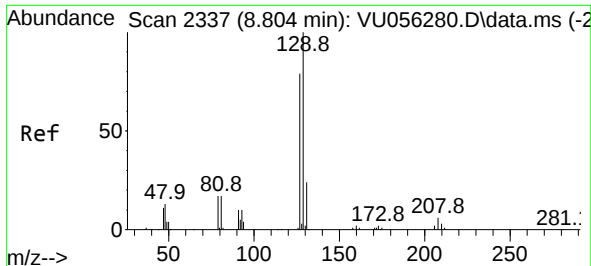
43 100

58 95.0 48.7 73.1#

57 23.5 16.8 25.2

100 8.2 9.9 14.9#

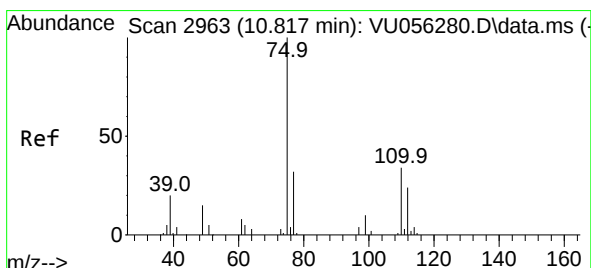
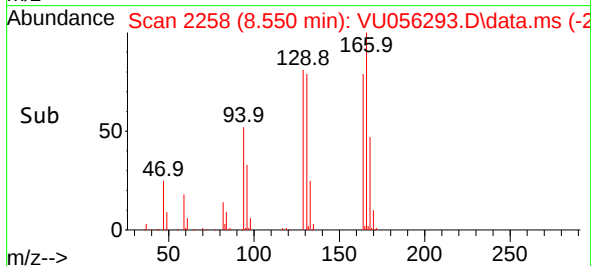
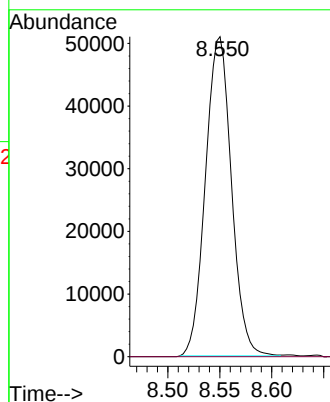
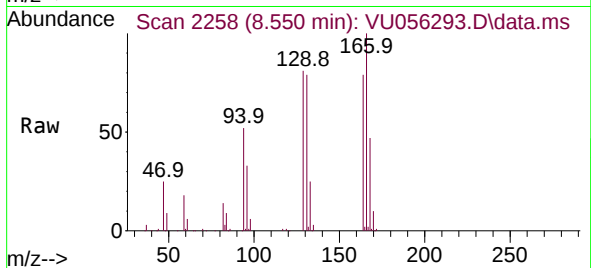




#49
Dibromochloromethane
Concen: 5.303 ug/L
RT: 8.550 min Scan# 21
Delta R.T. -0.254 min
Lab File: VU056293.D
Acq: 14 Nov 2023 09:00

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:129 Resp: 88523
Ion Ratio Lower Upper
129 100
127 0.0 52.9 98.3#



#61
1,2,3-Trichloropropane
Concen: 1.393 ug/L
RT: 11.804 min Scan# 3270
Delta R.T. 0.987 min
Lab File: VU056293.D
Acq: 14 Nov 2023 09:00

Tgt Ion: 75 Resp: 15689
Ion Ratio Lower Upper
75 100
110 1.7 30.4 45.6#
77 37.9 27.0 40.6

