

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112823\
 Data File : VU056627.D
 Acq On : 28 Nov 2023 14:18
 Operator : MD/SY
 Sample : 05554-04RE
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 28 23:50:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 28 23:48:06 2023
 Response via : Initial Calibration

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

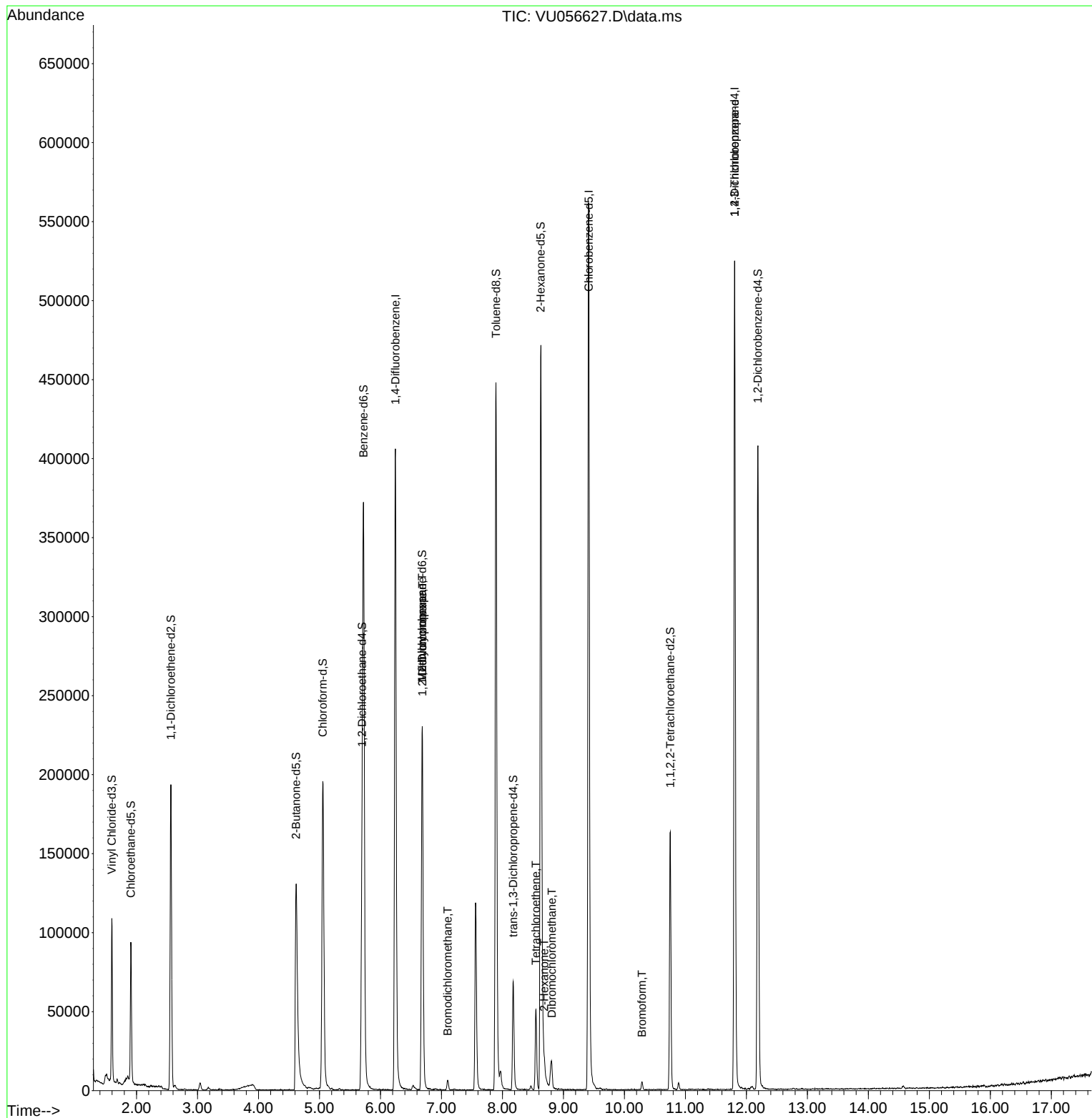
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	329953	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	326656	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	140945	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	73814	2.991	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.800%
7) Chloroethane-d5	1.907	69	67907	3.589	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.800%
11) 1,1-Dichloroethene-d2	2.563	65	37213	3.417	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.400%
20) 2-Butanone-d5	4.618	46	209268	42.525	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.040%
24) Chloroform-d	5.055	84	187705	3.932	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.600%
26) 1,2-Dichloroethane-d4	5.698	65	96645	4.381	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.600%
32) Benzene-d6	5.721	84	364296	3.743	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.800%
36) 1,2-Dichloropropane-d6	6.685	67	114129	3.891	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	77.800%
41) Toluene-d8	7.894	98	311014	3.619	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.400%
43) trans-1,3-Dichloroprop...	8.177	79	42540	3.781	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.600%
46) 2-Hexanone-d5	8.627	63	161924	36.627	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.260%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	83525	3.985	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	108787	4.178	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.600%
Target Compounds						Qvalue
35) Methylcyclohexane	6.685	83	27288	0.744	ug/L #	18
37) 1,2-Dichloropropane	6.689	63	12252	0.504	ug/L #	88
38) Bromodichloromethane	7.103	83	5014	0.160	ug/L	99
47) Tetrachloroethene	8.550	164	11209	0.655	ug/L	85
48) 2-Hexanone	8.685	43	6163	0.657	ug/L #	72
49) Dibromochloromethane	8.807	129	7204	0.391	ug/L	91
59) Bromoform	10.287	173	2325	0.265	ug/L #	88
61) 1,2,3-Trichloropropane	11.807	75	17233	1.425	ug/L #	68

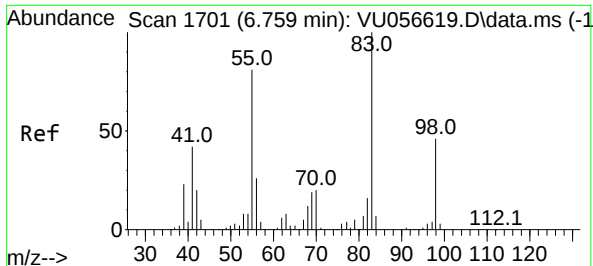
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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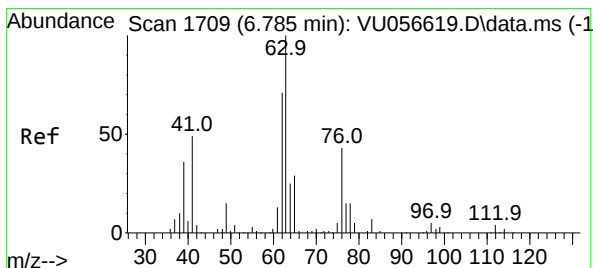
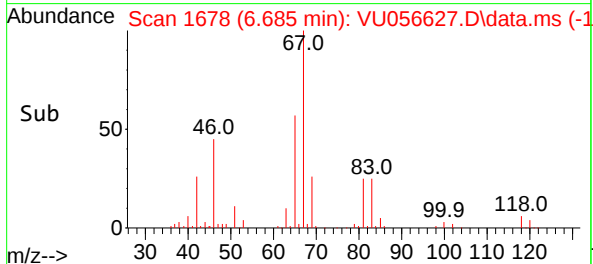
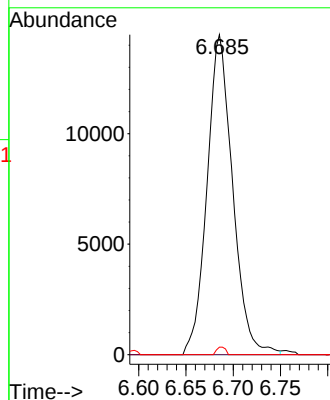
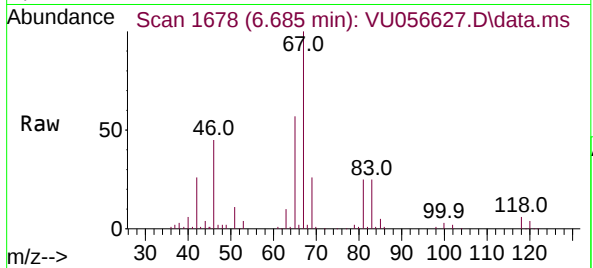




#35
Methylcyclohexane
Concen: 0.744 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU056627.D
Acq: 28 Nov 2023 14:18

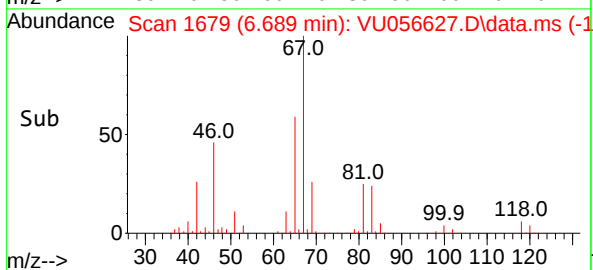
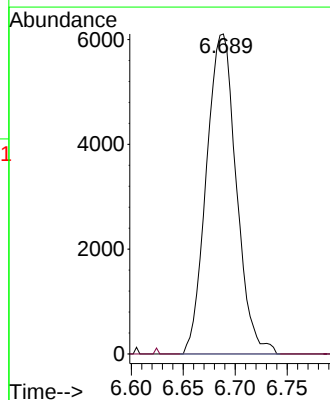
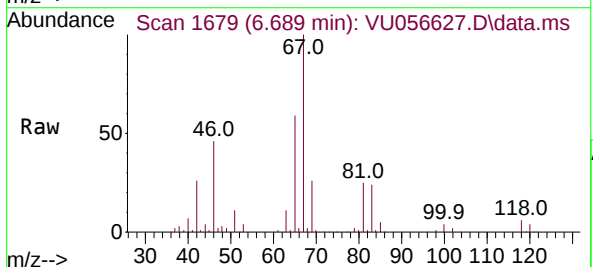
Instrument :
MSVOA_U
ClientSampleId :

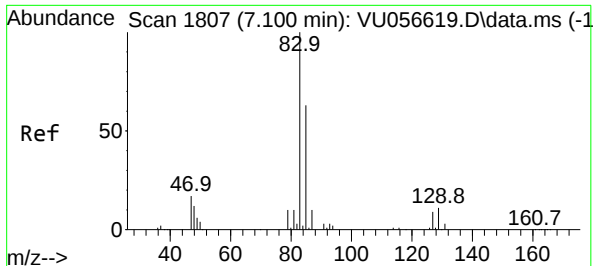
Tgt Ion: 83 Resp: 27288
Ion Ratio Lower Upper
83 100
55 0.0 62.9 94.3#
98 0.8 35.3 52.9#



#37
1,2-Dichloropropane
Concen: 0.504 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.096 min
Lab File: VU056627.D
Acq: 28 Nov 2023 14:18

Tgt Ion: 63 Resp: 12252
Ion Ratio Lower Upper
63 100
112 0.2 3.2 4.8#





#38

Bromodichloromethane

Concen: 0.160 ug/L

RT: 7.103 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU056627.D

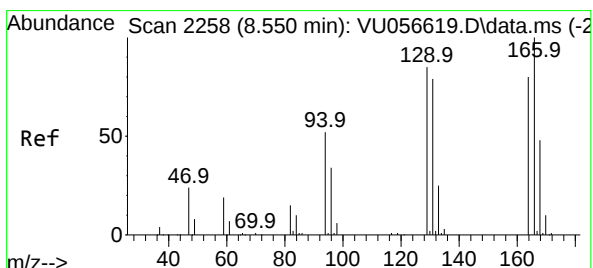
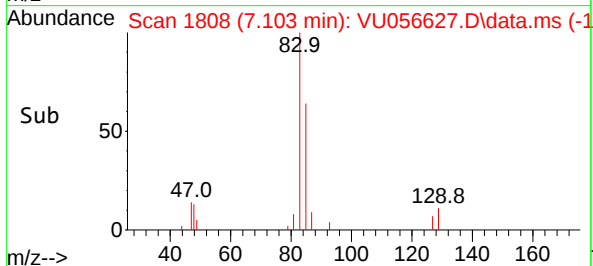
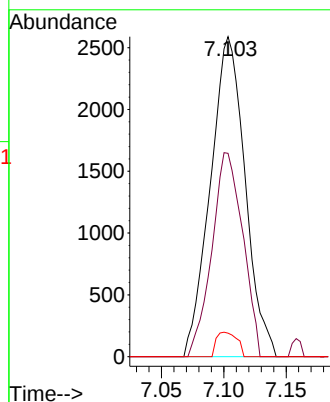
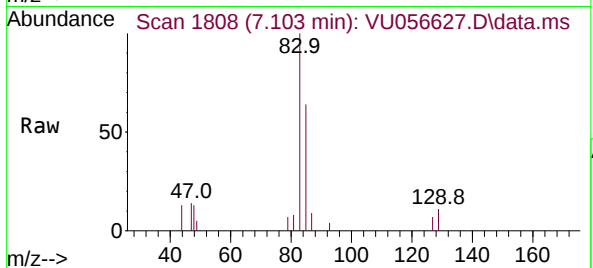
Acq: 28 Nov 2023 14:18

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	5014
Ion	Ratio	Lower	Upper
83	100		
85	63.5	44.9	83.5
127	7.3	6.9	10.3



#47

Tetrachloroethene

Concen: 0.655 ug/L

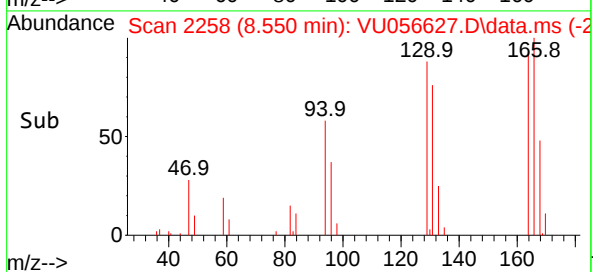
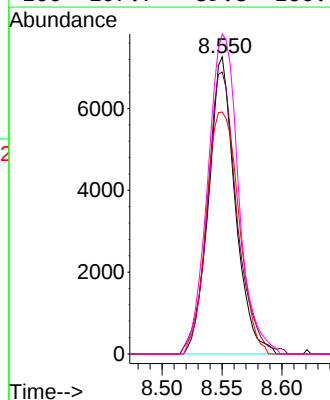
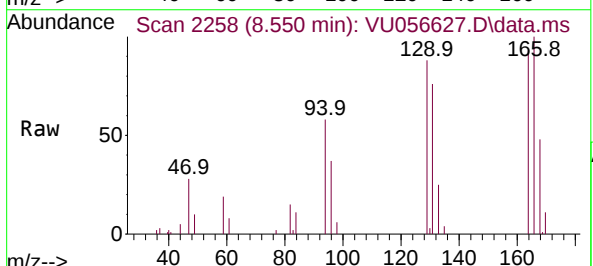
RT: 8.550 min Scan# 2258

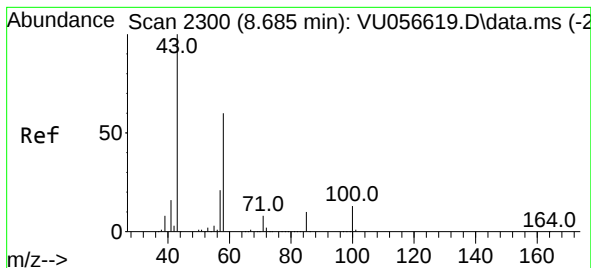
Delta R.T. -0.000 min

Lab File: VU056627.D

Acq: 28 Nov 2023 14:18

Tgt Ion:	164	Resp:	11209
Ion	Ratio	Lower	Upper
164	100		
129	94.9	71.0	131.9
131	81.4	70.3	130.7
166	107.7	89.8	166.8





#48

2-Hexanone

Concen: 0.657 ug/L

RT: 8.685 min Scan# 21

Delta R.T. 0.000 min

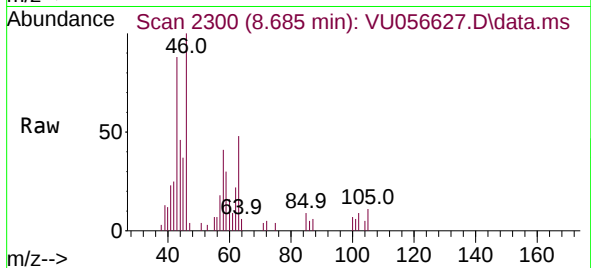
Lab File: VU056627.D

Acq: 28 Nov 2023 14:18

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 6163

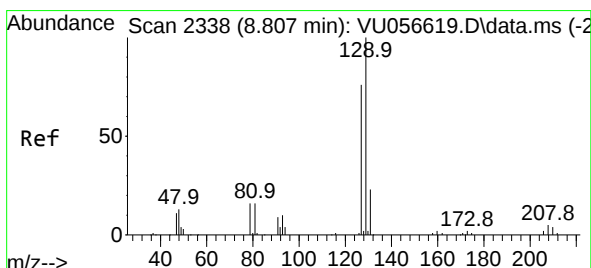
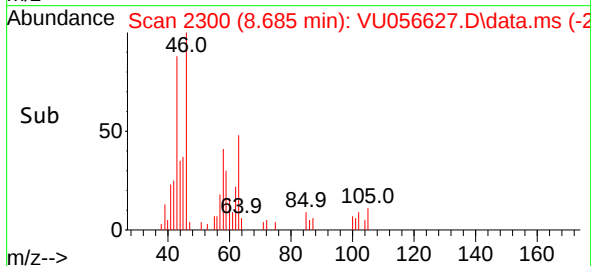
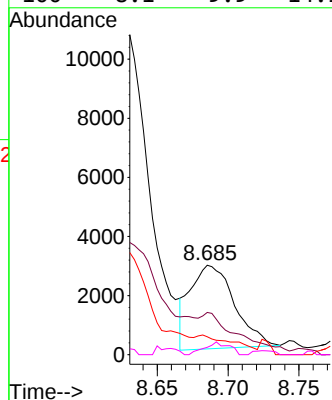
Ion Ratio Lower Upper

43 100

58 41.5 48.7 73.1#

57 0.0 16.8 25.2#

100 8.1 9.9 14.9#



#49

Dibromochloromethane

Concen: 0.391 ug/L

RT: 8.807 min Scan# 2338

Delta R.T. -0.000 min

Lab File: VU056627.D

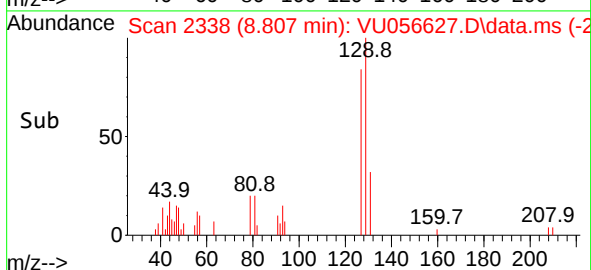
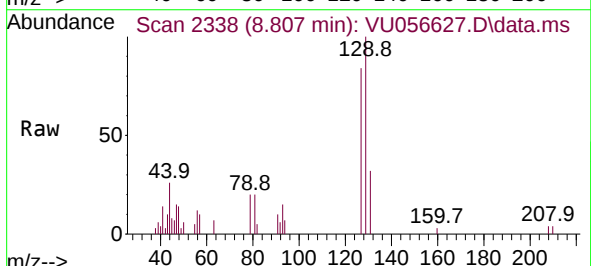
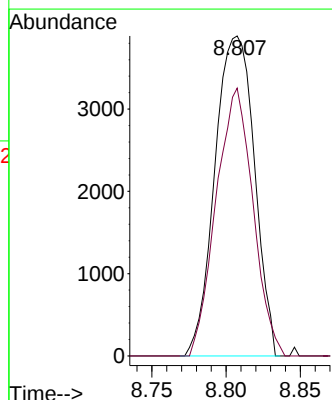
Acq: 28 Nov 2023 14:18

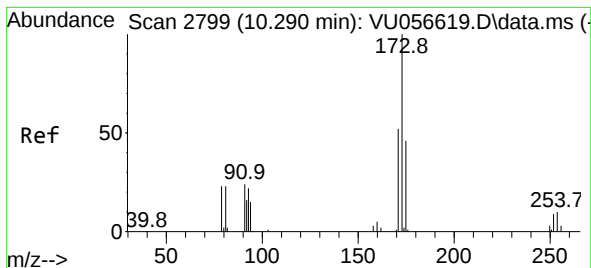
Tgt Ion: 129 Resp: 7204

Ion Ratio Lower Upper

129 100

127 83.7 52.9 98.3





#59

Bromoform

Concen: 0.265 ug/L

RT: 10.287 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU056627.D

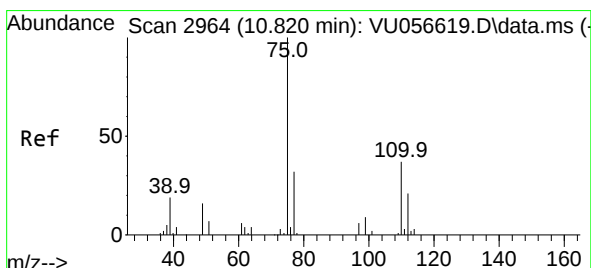
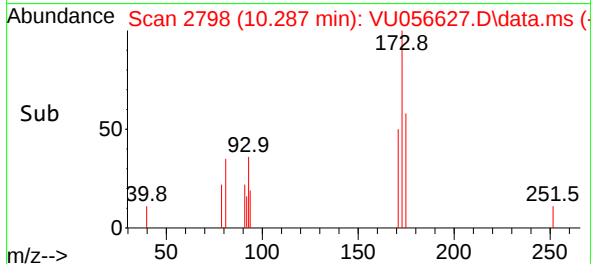
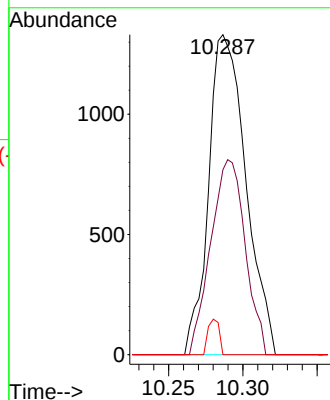
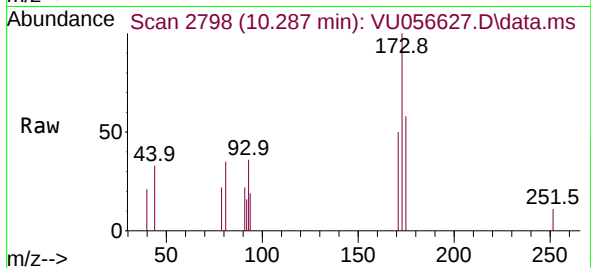
Acq: 28 Nov 2023 14:18

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:173	Resp:	2325
Ion Ratio	Lower	Upper
173	100	
175	56.2	38.9 58.3
254	3.3	6.7 10.1#



#61

1,2,3-Trichloropropane

Concen: 1.425 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.987 min

Lab File: VU056627.D

Acq: 28 Nov 2023 14:18

Tgt Ion: 75	Resp:	17233
Ion Ratio	Lower	Upper
75	100	
110	2.5	30.4 45.6#
77	32.2	27.0 40.6

