

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112823\
 Data File : VU056628.D
 Acq On : 28 Nov 2023 14:42
 Operator : MD/SY
 Sample : 05554-05RE
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 28 23:50:21 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

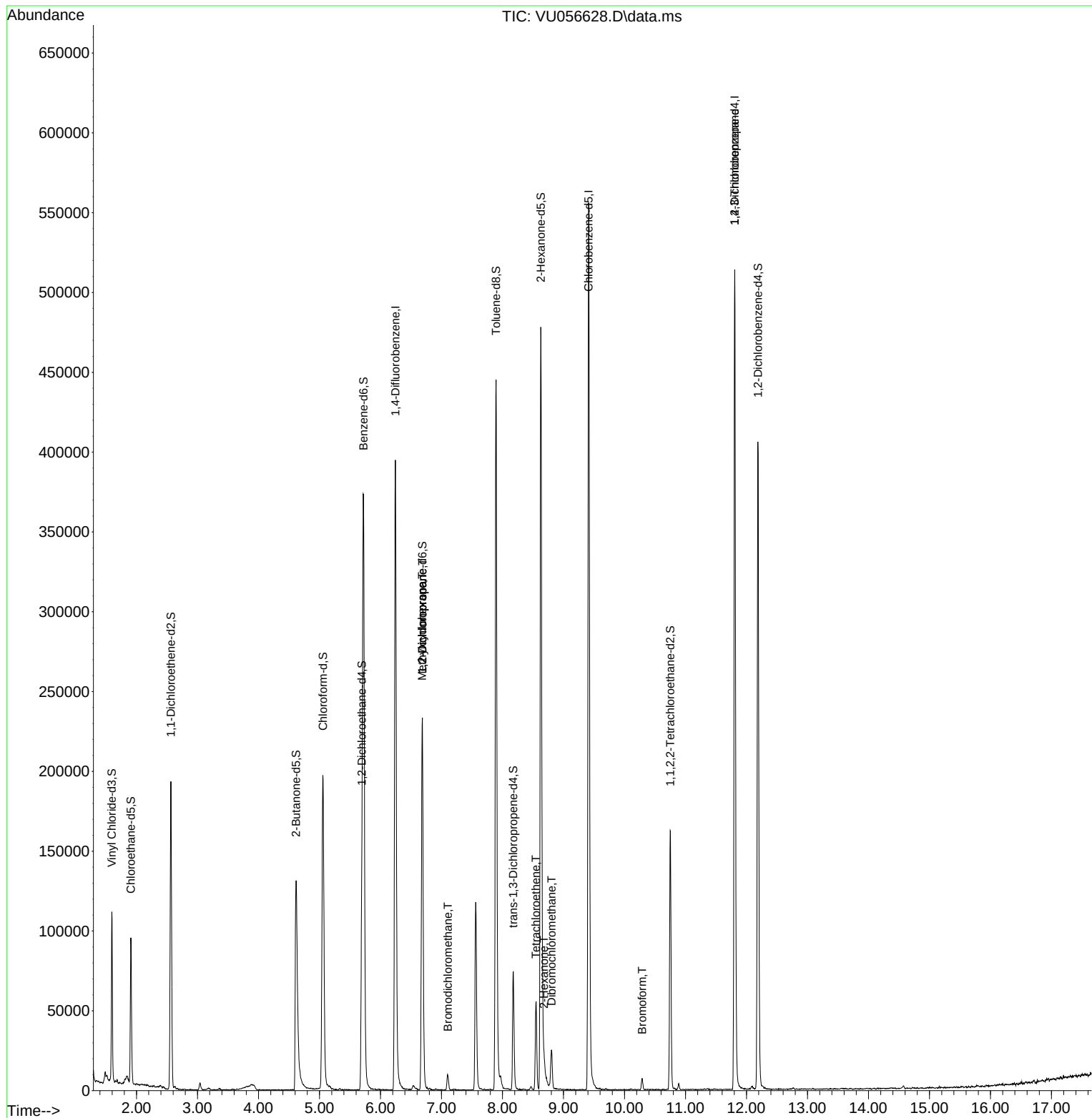
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	329679	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	326077	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	138290	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	75446	3.060	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.200%
7) Chloroethane-d5	1.907	69	68696	3.633	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.600%
11) 1,1-Dichloroethene-d2	2.563	65	38293	3.519	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.400%
20) 2-Butanone-d5	4.615	46	213813	43.484	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.960%
24) Chloroform-d	5.055	84	192113	4.028	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.600%
26) 1,2-Dichloroethane-d4	5.695	65	96404	4.374	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.400%
32) Benzene-d6	5.721	84	359376	3.699	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.000%
36) 1,2-Dichloropropane-d6	6.685	67	114659	3.916	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.400%
41) Toluene-d8	7.894	98	310492	3.619	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.400%
43) trans-1,3-Dichloroprop...	8.174	79	42943	3.824	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.400%
46) 2-Hexanone-d5	8.627	63	162335	36.785	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.580%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	81979	3.918	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	108999	4.267	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.400%
Target Compounds						
					Qvalue	
35) Methylcyclohexane	6.682	83	26159	0.715	ug/L #	19
37) 1,2-Dichloropropane	6.685	63	12929	0.533	ug/L #	89
38) Bromodichloromethane	7.103	83	6816	0.218	ug/L	96
47) Tetrachloroethene	8.547	164	12226	0.715	ug/L	98
48) 2-Hexanone	8.682	43	6483	0.692	ug/L #	76
49) Dibromochloromethane	8.804	129	11004	0.599	ug/L	98
59) Bromoform	10.290	173	3372	0.391	ug/L	99
61) 1,2,3-Trichloropropane	11.807	75	17492	1.474	ug/L #	67

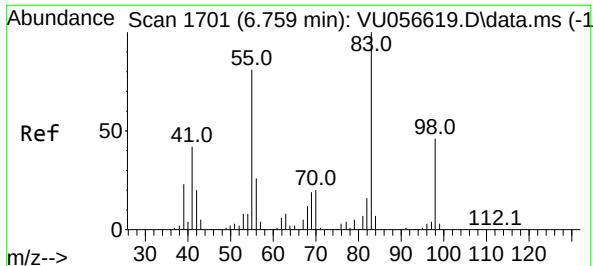
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#35

Methylcyclohexane

Concen: 0.715 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.077 min

Lab File: VU056628.D

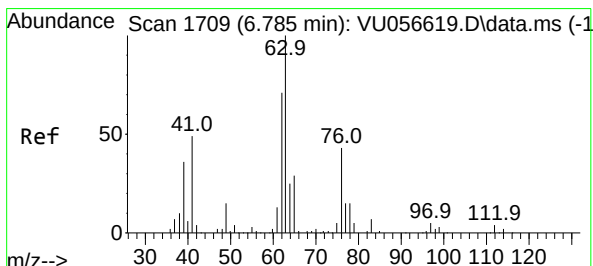
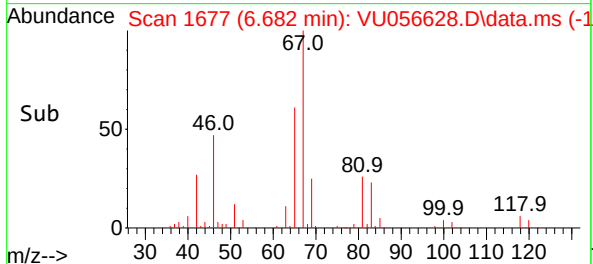
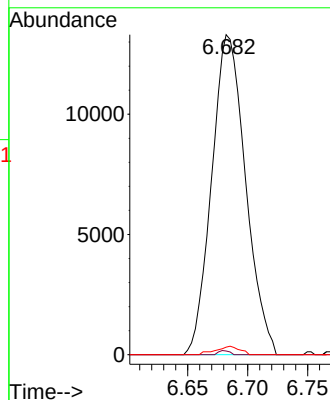
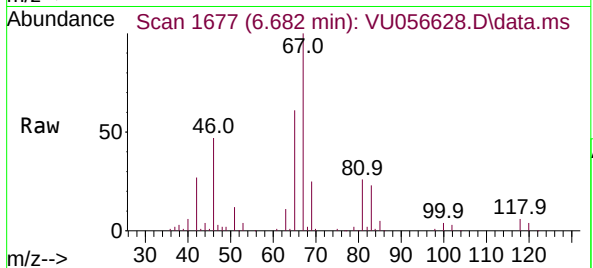
Acq: 28 Nov 2023 14:42

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	26159
Ion	Ratio	Lower	Upper
83	100		
55	0.4	62.9	94.3#
98	1.9	35.3	52.9#



#37

1,2-Dichloropropane

Concen: 0.533 ug/L

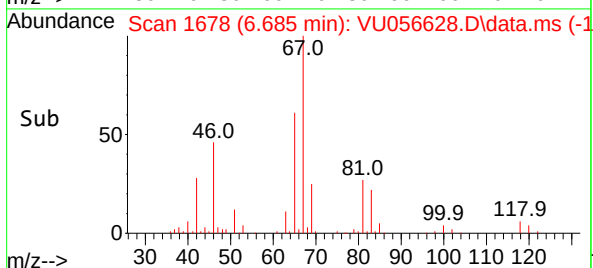
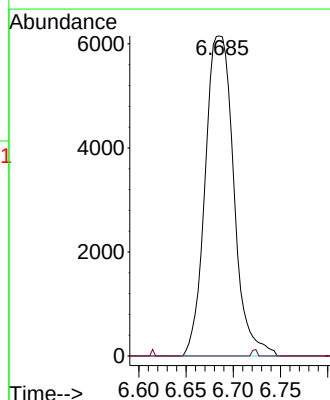
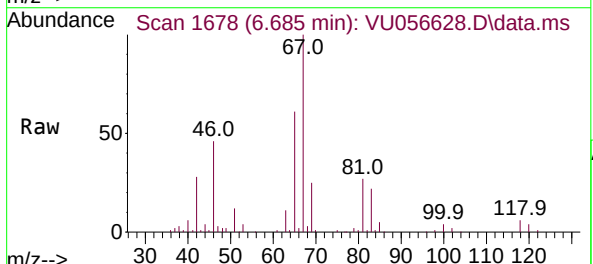
RT: 6.685 min Scan# 1678

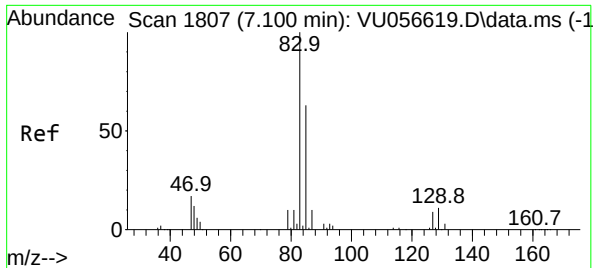
Delta R.T. -0.100 min

Lab File: VU056628.D

Acq: 28 Nov 2023 14:42

Tgt Ion:	63	Resp:	12929
Ion	Ratio	Lower	Upper
63	100		
112	0.3	3.2	4.8#

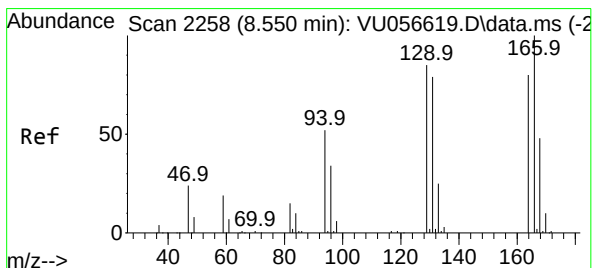
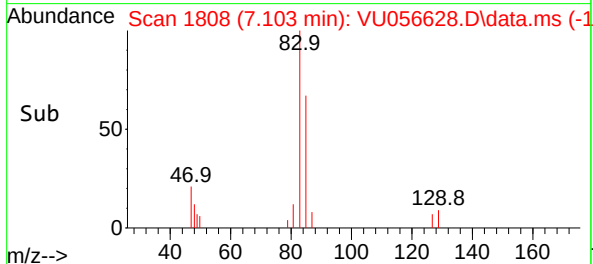
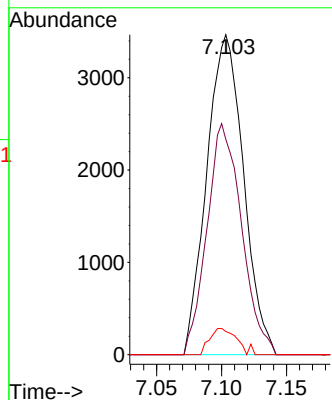
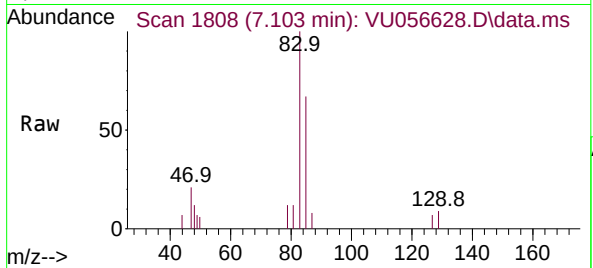




#38
Bromodichloromethane
Concen: 0.218 ug/L
RT: 7.103 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU056628.D
Acq: 28 Nov 2023 14:42

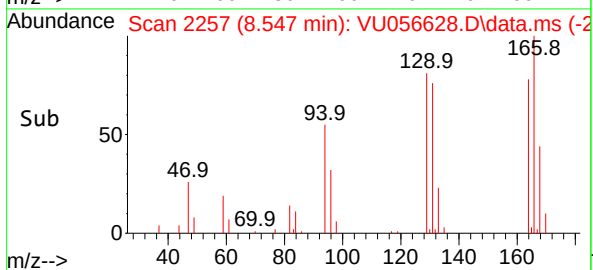
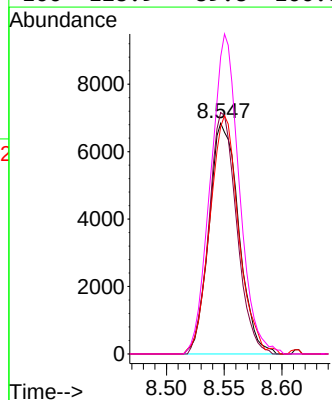
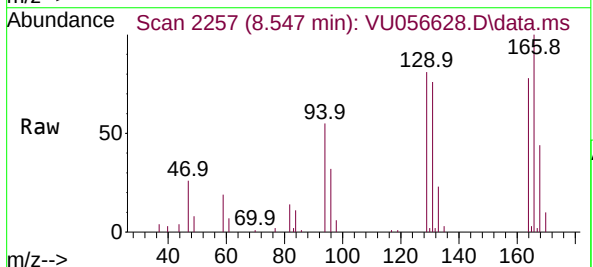
Instrument :
MSVOA_U
ClientSampleId :

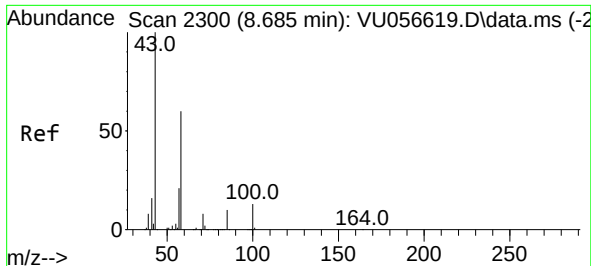
Tgt Ion: 83 Resp: 6816
Ion Ratio Lower Upper
83 100
85 67.3 44.9 83.5
127 7.3 6.9 10.3



#47
Tetrachloroethene
Concen: 0.715 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.003 min
Lab File: VU056628.D
Acq: 28 Nov 2023 14:42

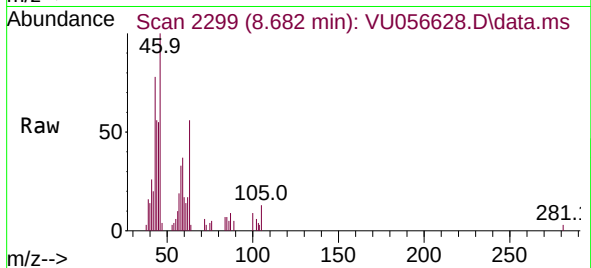
Tgt Ion:164 Resp: 12226
Ion Ratio Lower Upper
164 100
129 104.7 71.0 131.9
131 98.6 70.3 130.7
166 128.9 89.8 166.8



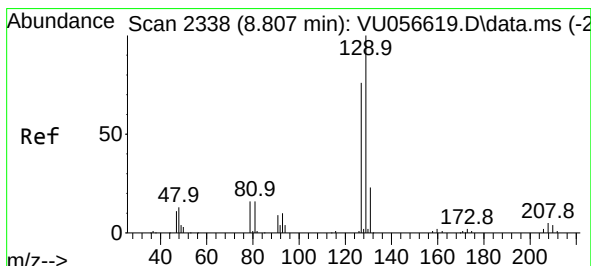
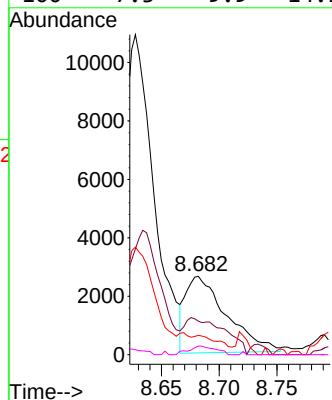
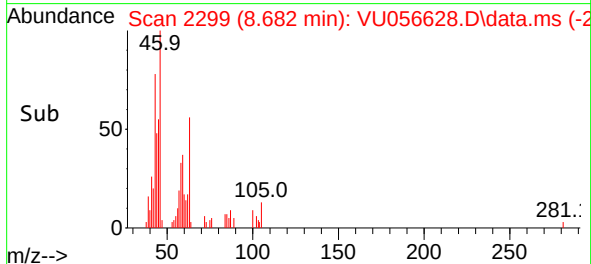


#48
2-Hexanone
Concen: 0.692 ug/L
RT: 8.682 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU056628.D
Acq: 28 Nov 2023 14:42

Instrument :
MSVOA_U
ClientSampleId :

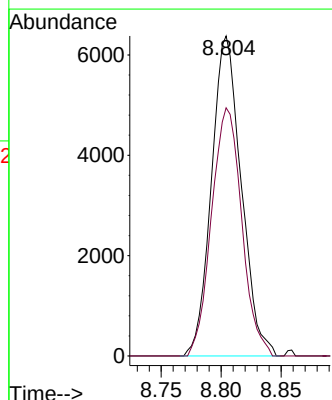
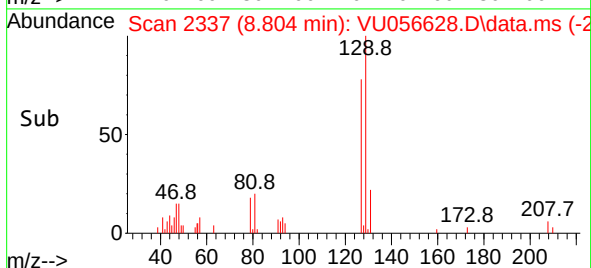
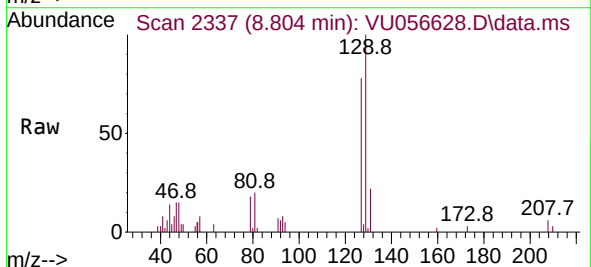


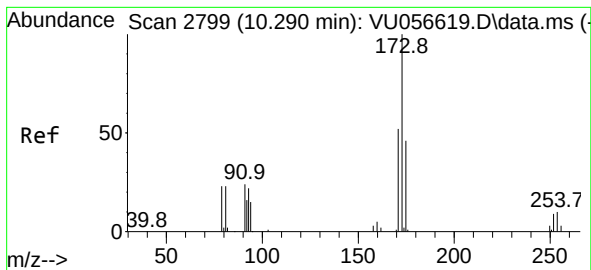
Tgt Ion: 43 Resp: 6483
Ion Ratio Lower Upper
43 100
58 46.9 48.7 73.1#
57 0.0 16.8 25.2#
100 7.3 9.9 14.9#



#49
Dibromochloromethane
Concen: 0.599 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.003 min
Lab File: VU056628.D
Acq: 28 Nov 2023 14:42

Tgt Ion: 129 Resp: 11004
Ion Ratio Lower Upper
129 100
127 77.5 52.9 98.3





#59

Bromoform

Concen: 0.391 ug/L

RT: 10.290 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU056628.D

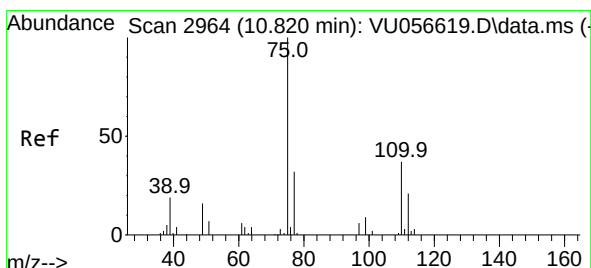
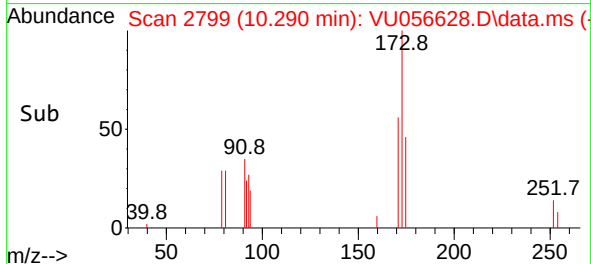
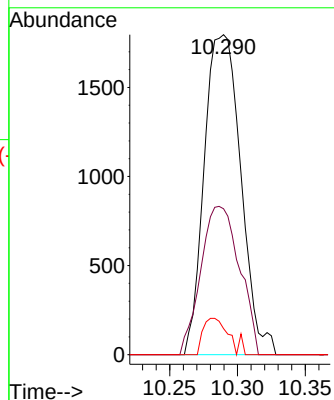
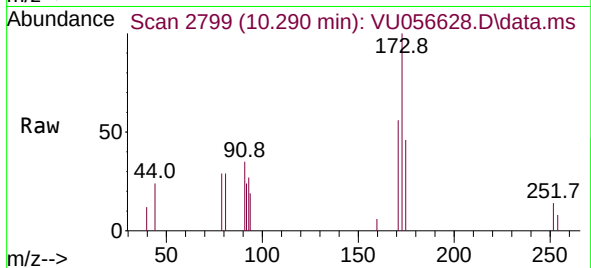
Acq: 28 Nov 2023 14:42

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	173	Resp:	3372
Ion	Ratio	Lower	Upper
173	100		
175	49.1	38.9	58.3
254	8.0	6.7	10.1



#61

1,2,3-Trichloropropane

Concen: 1.474 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.987 min

Lab File: VU056628.D

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Tgt Ion:	75	Resp:	17492
Ion	Ratio	Lower	Upper
75	100		
110	2.1	30.4	45.6#
77	32.5	27.0	40.6

