

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112823\
 Data File : VU056625.D
 Acq On : 28 Nov 2023 13:17
 Operator : MD/SY
 Sample : 05554-05
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 28 23:49:42 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)

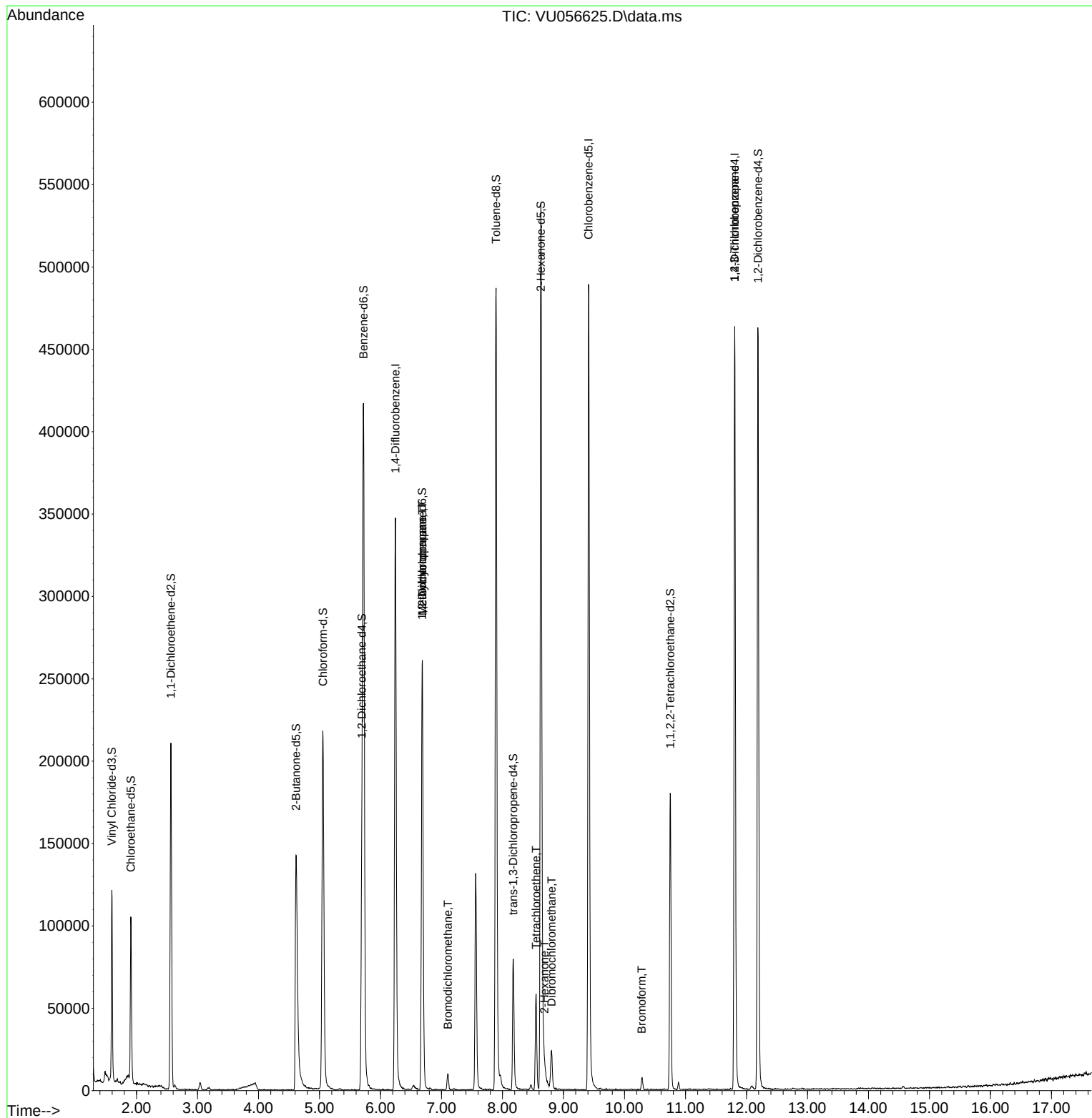
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	286881	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	289075	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	121020	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	82407	3.840	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.800%
7) Chloroethane-d5	1.907	69	75186	4.570	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.400%
11) 1,1-Dichloroethene-d2	2.563	65	41766	4.410	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.200%
20) 2-Butanone-d5	4.615	46	235883	55.130	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.260%
24) Chloroform-d	5.055	84	212666	5.124	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.400%
26) 1,2-Dichloroethane-d4	5.695	65	106113	5.533	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.600%
32) Benzene-d6	5.721	84	402766	4.676	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
36) 1,2-Dichloropropane-d6	6.682	67	124111	4.781	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.600%
41) Toluene-d8	7.894	98	344994	4.536	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
43) trans-1,3-Dichloroprop...	8.174	79	48677	4.890	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.800%
46) 2-Hexanone-d5	8.627	63	186304	47.621	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.240%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	90917	4.902	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	121341	5.427	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.600%
Target Compounds						
					Qvalue	
35) Methylcyclohexane	6.685	83	29837	0.920	ug/L #	19
37) 1,2-Dichloropropane	6.685	63	13844	0.644	ug/L #	89
38) Bromodichloromethane	7.106	83	7112	0.256	ug/L	96
47) Tetrachloroethene	8.550	164	12302	0.812	ug/L	91
48) 2-Hexanone	8.688	43	5941	0.715	ug/L #	39
49) Dibromochloromethane	8.804	129	10962	0.673	ug/L	92
59) Bromoform	10.283	173	3254	0.432	ug/L #	89
61) 1,2,3-Trichloropropane	11.807	75	14543	1.401	ug/L #	67

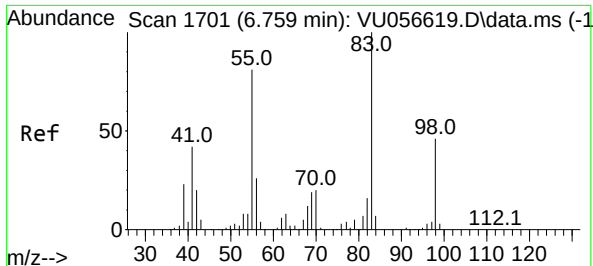
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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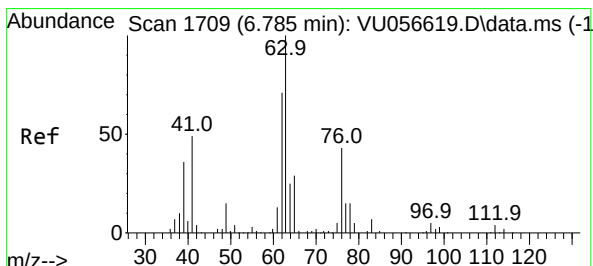
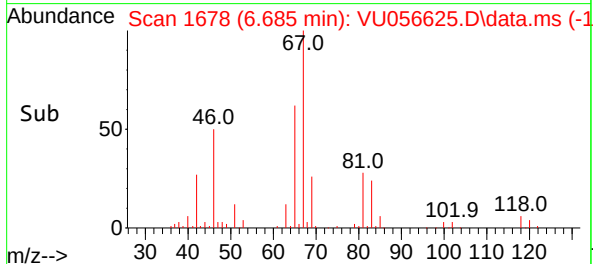
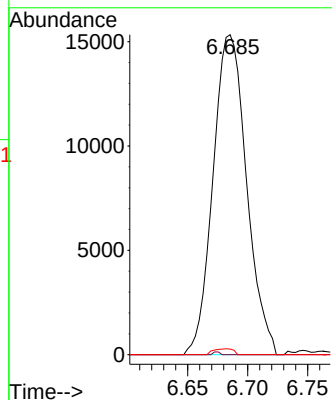
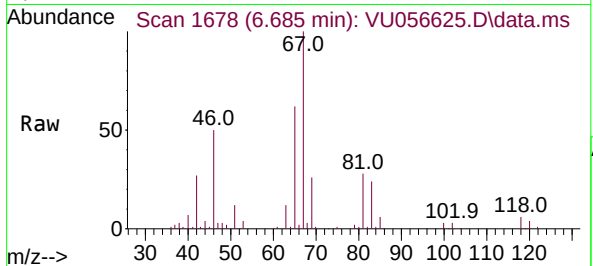




#35
Methylcyclohexane
Concen: 0.920 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU056625.D
Acq: 28 Nov 2023 13:17

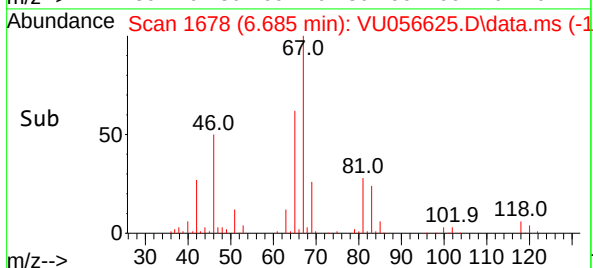
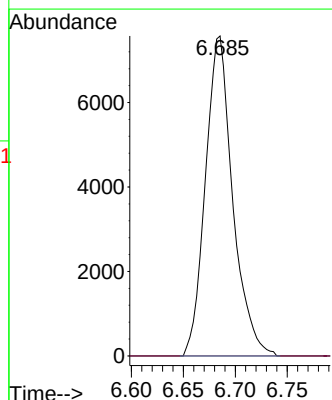
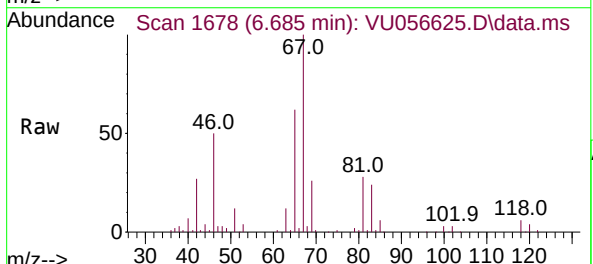
Instrument :
MSVOA_U
ClientSampleId :

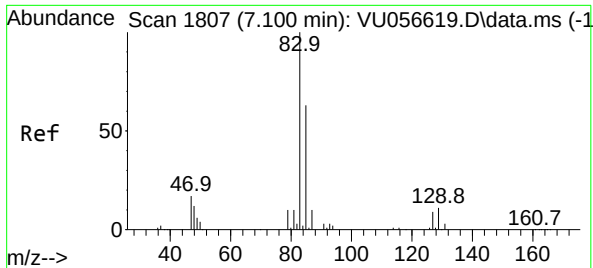
Tgt Ion: 83 Resp: 29837
Ion Ratio Lower Upper
83 100
55 0.2 62.9 94.3#
98 1.1 35.3 52.9#



#37
1,2-Dichloropropane
Concen: 0.644 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.100 min
Lab File: VU056625.D
Acq: 28 Nov 2023 13:17

Tgt Ion: 63 Resp: 13844
Ion Ratio Lower Upper
63 100
112 0.3 3.2 4.8#

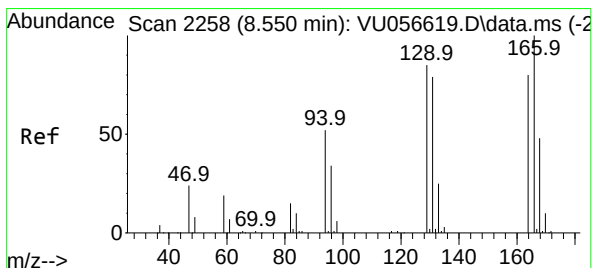
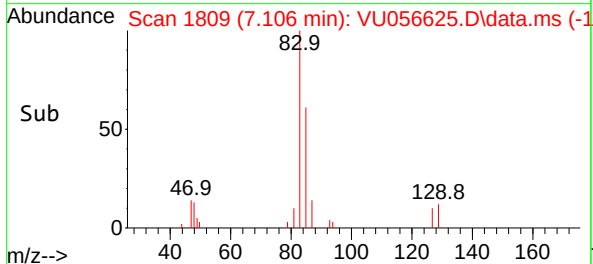
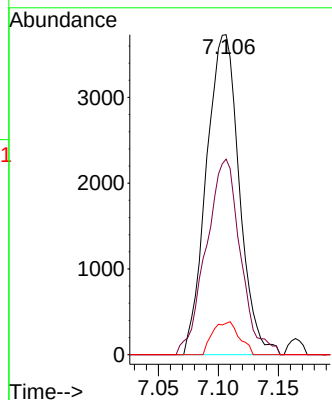
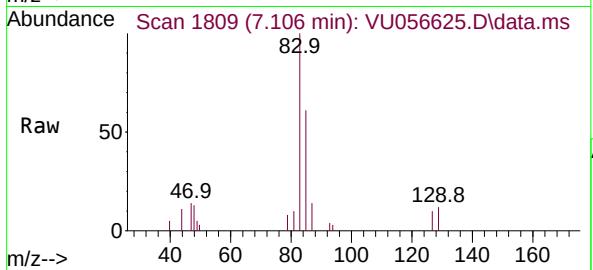




#38
Bromodichloromethane
Concen: 0.256 ug/L
RT: 7.106 min Scan# 1809
Delta R.T. 0.006 min
Lab File: VU056625.D
Acq: 28 Nov 2023 13:17

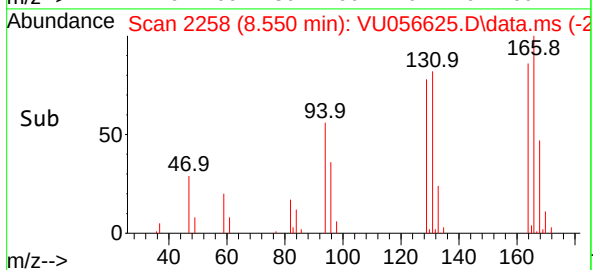
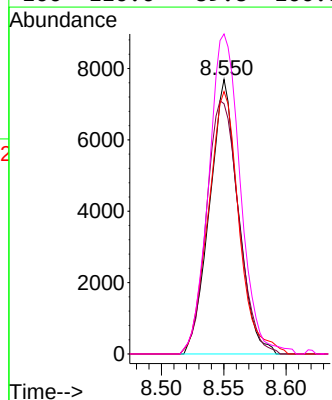
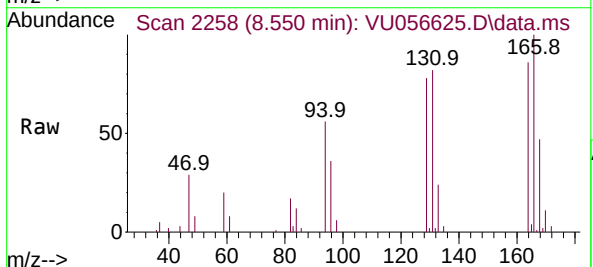
Instrument :
MSVOA_U
ClientSampleId :

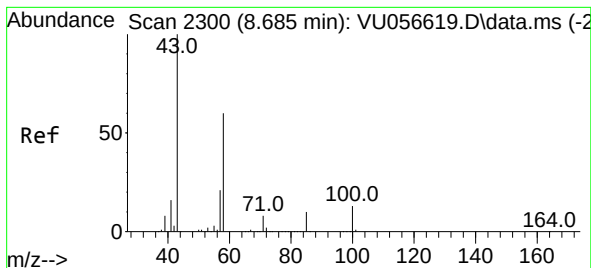
Tgt Ion: 83	Resp: 7112
Ion Ratio	Lower Upper
83	100
85	61.1 44.9 83.5
127	9.8 6.9 10.3



#47
Tetrachloroethene
Concen: 0.812 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU056625.D
Acq: 28 Nov 2023 13:17

Tgt Ion: 164	Resp: 12302
Ion Ratio	Lower Upper
164	100
129	91.2 71.0 131.9
131	95.6 70.3 130.7
166	116.6 89.8 166.8





#48

2-Hexanone

Concen: 0.715 ug/L

RT: 8.688 min Scan# 2301

Delta R.T. 0.003 min

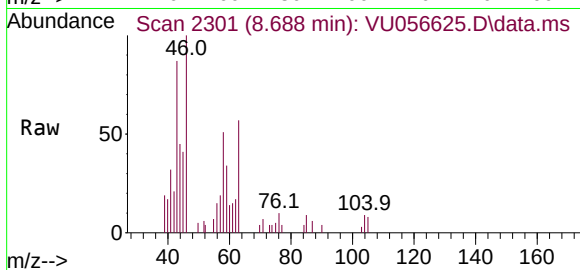
Lab File: VU056625.D

Acq: 28 Nov 2023 13:17

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 5941

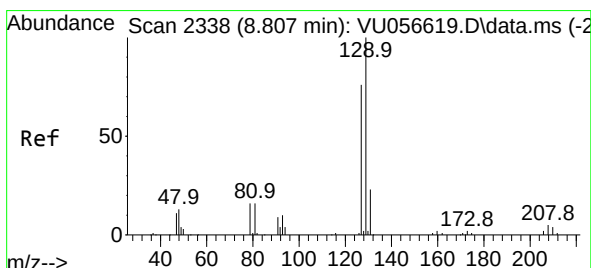
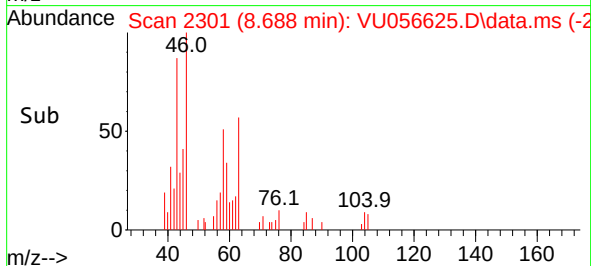
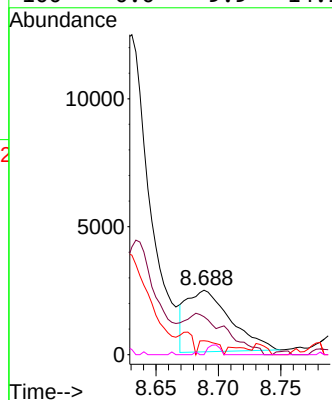
Ion Ratio Lower Upper

43 100

58 0.0 48.7 73.1#

57 9.4 16.8 25.2#

100 0.0 9.9 14.9#



#49

Dibromochloromethane

Concen: 0.673 ug/L

RT: 8.804 min Scan# 2337

Delta R.T. -0.003 min

Lab File: VU056625.D

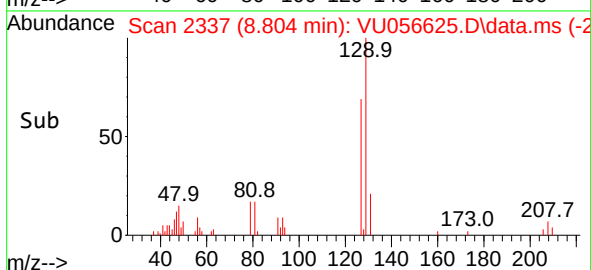
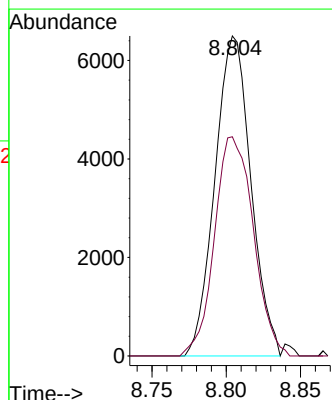
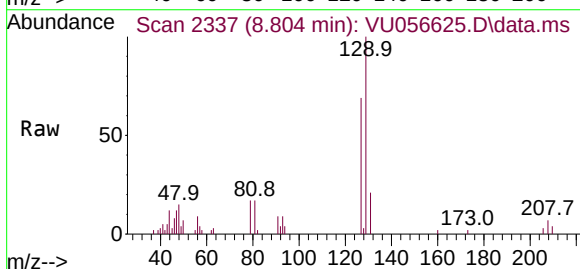
Acq: 28 Nov 2023 13:17

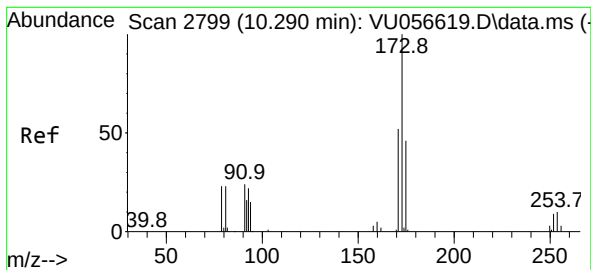
Tgt Ion: 129 Resp: 10962

Ion Ratio Lower Upper

129 100

127 68.5 52.9 98.3





#59

Bromoform

Concen: 0.432 ug/L

RT: 10.283 min Scan# 21

Delta R.T. -0.007 min

Lab File: VU056625.D

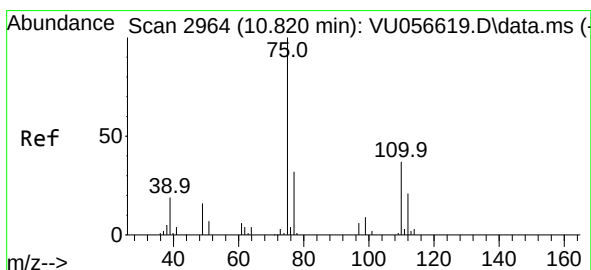
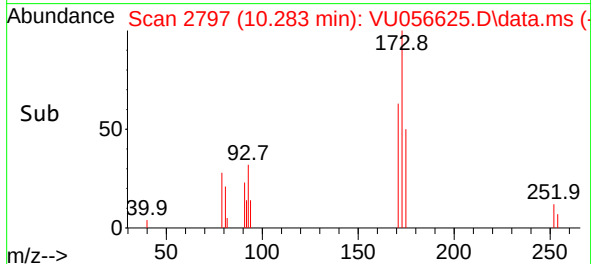
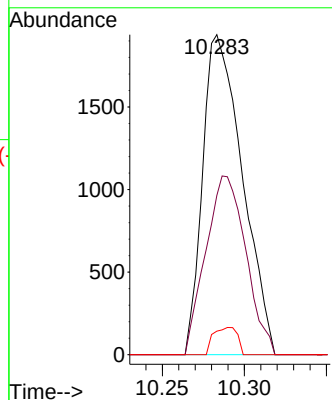
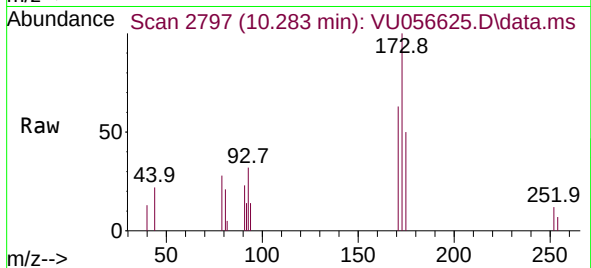
Acq: 28 Nov 2023 13:17

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:173	Resp:	3254
Ion Ratio	Lower	Upper
173	100	
175	56.4	38.9 58.3
254	5.1	6.7 10.1#



#61

1,2,3-Trichloropropane

Concen: 1.401 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.987 min

Lab File: VU056625.D

Acq: 28 Nov 2023 13:17

Tgt Ion: 75	Resp:	14543
Ion Ratio	Lower	Upper
75	100	
110	0.8	30.4 45.6#
77	33.9	27.0 40.6

