

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110823\
 Data File : VU056127.D
 Acq On : 08 Nov 2023 16:29
 Operator : MD/SY
 Sample : 05297-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 08 20:53:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 08 20:49:31 2023
 Response via : Initial Calibration

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

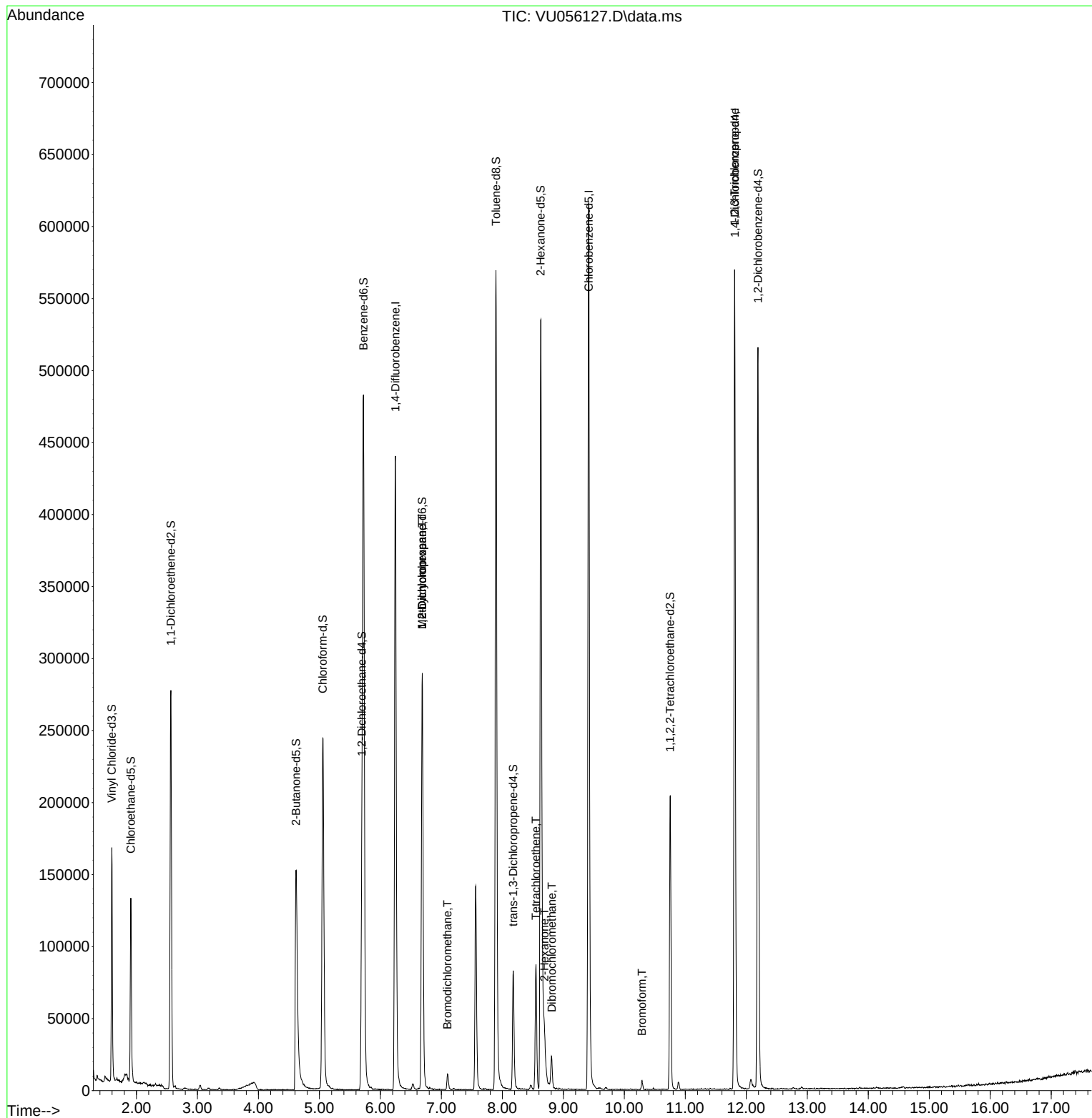
Internal Standards							
1) 1,4-Difluorobenzene		6.245	114	373832	5.000	ug/L	0.00
28) Chlorobenzene-d5		9.415	117	375467	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.811	152	161466	5.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.596	65	116935	5.039	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 100.800%		
7) Chloroethane-d5		1.908	69	99548	6.322	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 126.400%		
11) 1,1-Dichloroethene-d2		2.564	65	53388	5.222	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 104.400%		
20) 2-Butanone-d5		4.615	46	237187	62.308	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 124.620%		
24) Chloroform-d		5.055	84	238882	5.408	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 108.200%		
26) 1,2-Dichloroethane-d4		5.695	65	111695	5.743	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 114.800%		
32) Benzene-d6		5.721	84	479108	5.313	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 106.200%		
36) 1,2-Dichloropropane-d6		6.686	67	146023	5.501	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 110.000%		
41) Toluene-d8		7.895	98	405501	4.907	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 98.200%		
43) trans-1,3-Dichloroprop...		8.177	79	51864	5.111	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 102.200%		
46) 2-Hexanone-d5		8.628	63	184411	55.450	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 110.900%		
56) 1,1,2,2-Tetrachloroeth...		10.750	84	104212	5.500	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 110.000%		
66) 1,2-Dichlorobenzene-d4		12.190	152	144449	5.801	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 116.000%		
Target Compounds							Qvalue
35) Methylcyclohexane		6.686	83	33927	0.777	ug/L #	19
37) 1,2-Dichloropropane		6.686	63	15105	0.540	ug/L #	88
38) Bromodichloromethane		7.100	83	7933	0.227	ug/L	94
47) Tetrachloroethene		8.550	164	20495	0.930	ug/L	96
48) 2-Hexanone		8.689	43	21929	2.463	ug/L #	90
49) Dibromochloromethane		8.808	129	11332	0.517	ug/L	95
59) Bromoform		10.287	173	3077	0.274	ug/L #	98
61) 1,2,3-Trichloropropane		11.808	75	18447	1.324	ug/L #	68

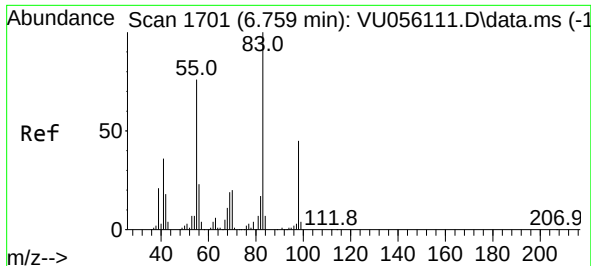
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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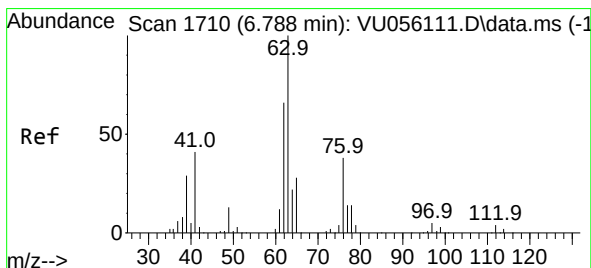
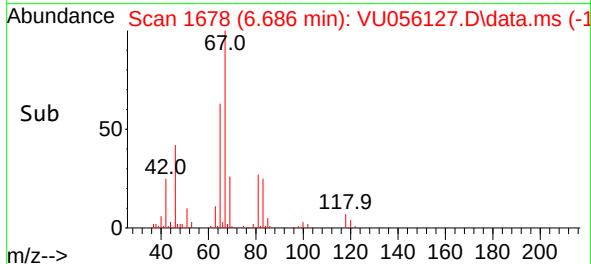
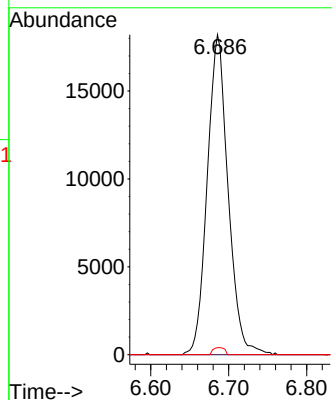
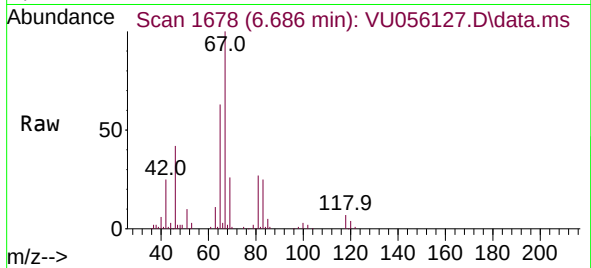




#35
Methylcyclohexane
Concen: 0.777 ug/L
RT: 6.686 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU056127.D
Acq: 08 Nov 2023 16:29

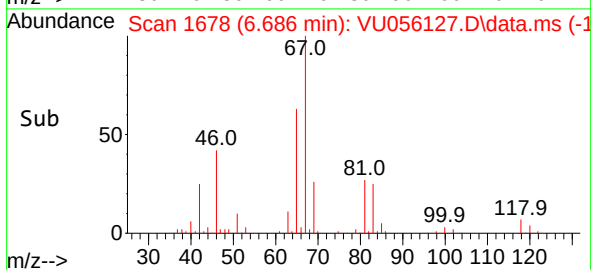
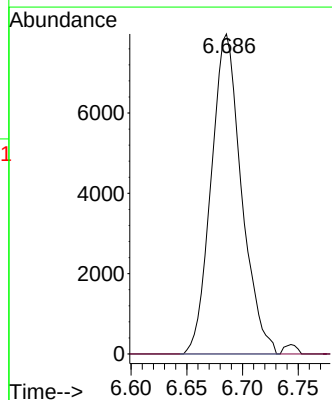
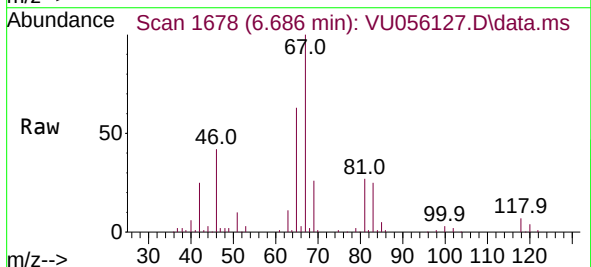
Instrument :
MSVOA_U
ClientSampleId :

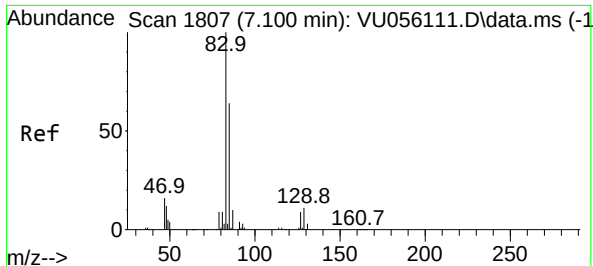
Tgt Ion: 83 Resp: 33927
Ion Ratio Lower Upper
83 100
55 0.0 60.6 91.0#
98 1.2 36.2 54.4#



#37
1,2-Dichloropropane
Concen: 0.540 ug/L
RT: 6.686 min Scan# 1678
Delta R.T. -0.103 min
Lab File: VU056127.D
Acq: 08 Nov 2023 16:29

Tgt Ion: 63 Resp: 15105
Ion Ratio Lower Upper
63 100
112 0.5 3.4 5.2#

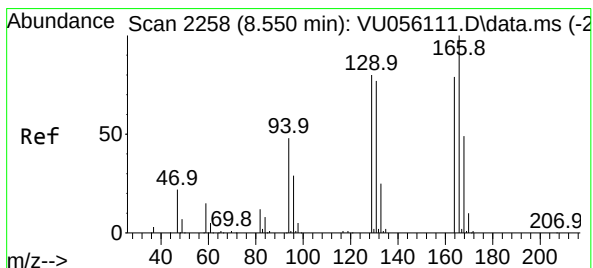
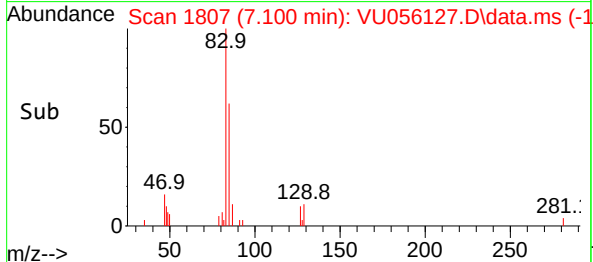
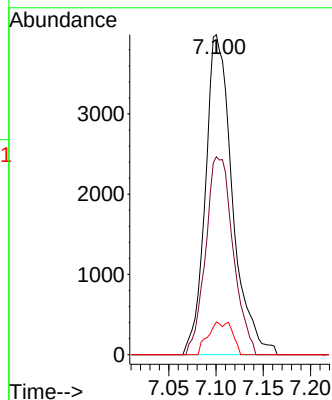
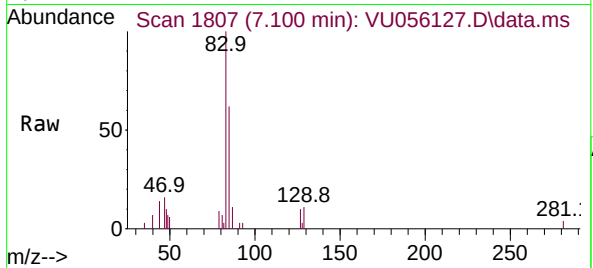




#38
Bromodichloromethane
Concen: 0.227 ug/L
RT: 7.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU056127.D
Acq: 08 Nov 2023 16:29

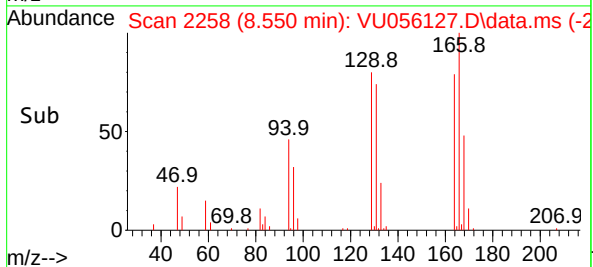
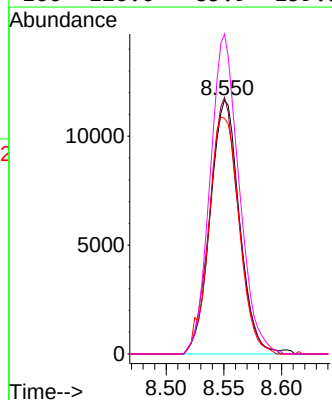
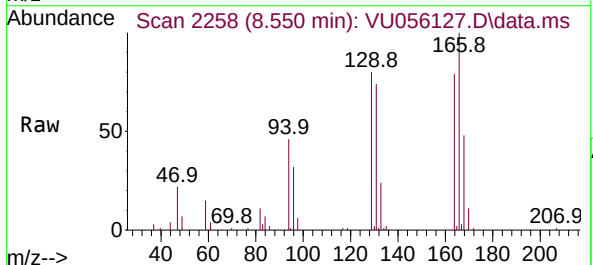
Instrument :
MSVOA_U
ClientSampleId :

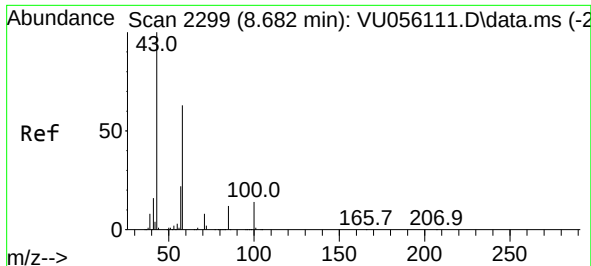
Tgt Ion: 83 Resp: 7933
Ion Ratio Lower Upper
83 100
85 61.8 46.6 86.6
127 10.2 7.3 10.9



#47
Tetrachloroethene
Concen: 0.930 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU056127.D
Acq: 08 Nov 2023 16:29

Tgt Ion: 164 Resp: 20495
Ion Ratio Lower Upper
164 100
129 101.0 66.6 123.8
131 92.7 67.8 126.0
166 126.0 85.9 159.5

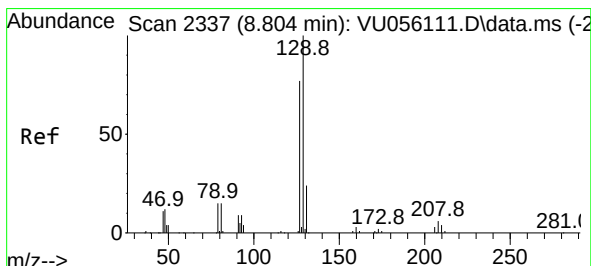
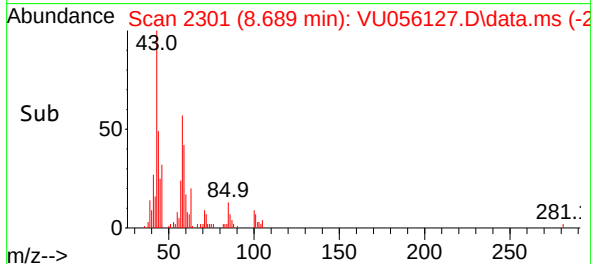
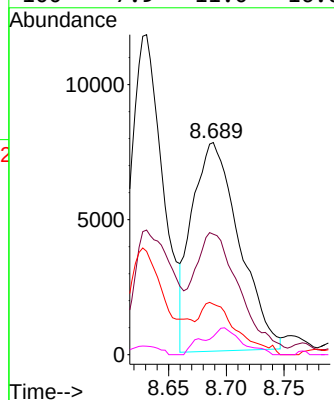
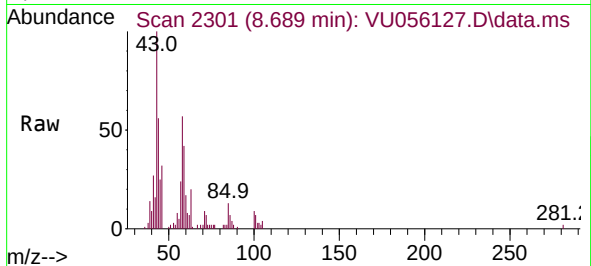




#48
2-Hexanone
Concen: 2.463 ug/L
RT: 8.689 min Scan# 21929
Delta R.T. 0.007 min
Lab File: VU056127.D
Acq: 08 Nov 2023 16:29

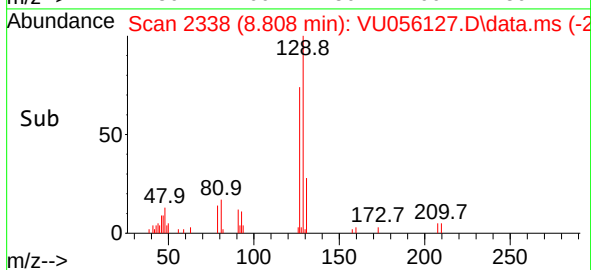
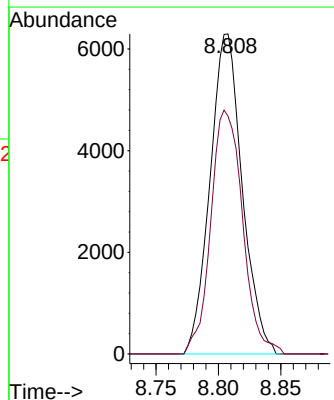
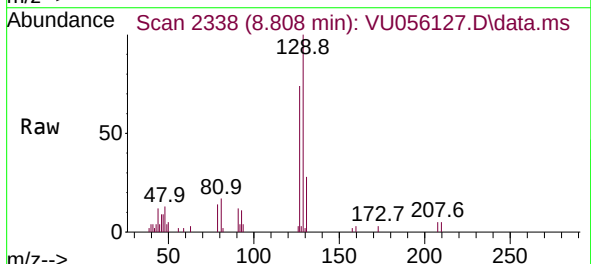
Instrument :
MSVOA_U
ClientSampleId :

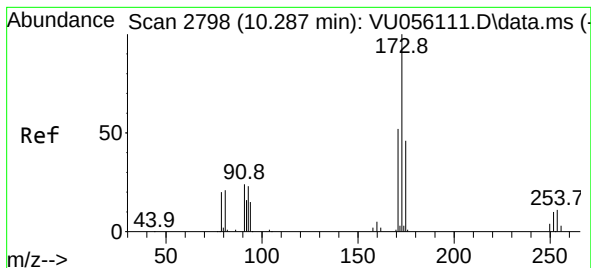
Tgt Ion:	43	Resp:	21929
Ion	Ratio	Lower	Upper
43	100		
58	57.0	52.0	78.0
57	19.4	17.4	26.2
100	7.9	11.0	16.6



#49
Dibromochloromethane
Concen: 0.517 ug/L
RT: 8.808 min Scan# 2338
Delta R.T. 0.003 min
Lab File: VU056127.D
Acq: 08 Nov 2023 16:29

Tgt Ion:	129	Resp:	11332
Ion	Ratio	Lower	Upper
129	100		
127	74.3	55.4	102.8





#59

Bromoform

Concen: 0.274 ug/L

RT: 10.287 min Scan# 21

Delta R.T. 0.000 min

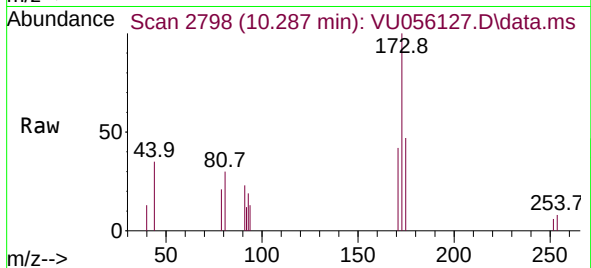
Lab File: VU056127.D

Acq: 08 Nov 2023 16:29

Instrument :

MSVOA_U

ClientSampleId :



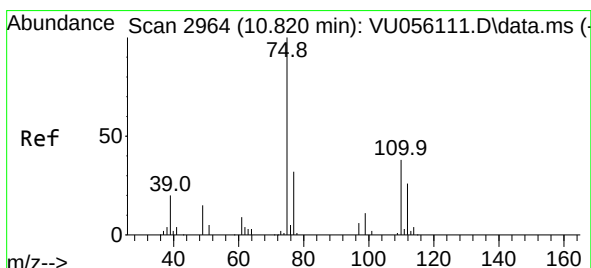
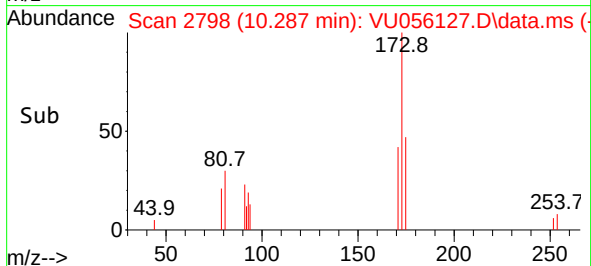
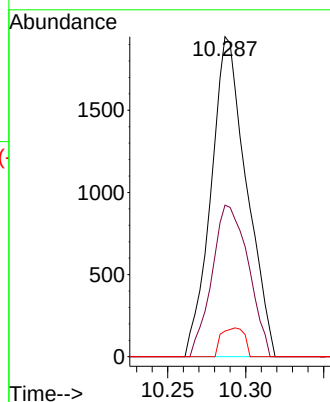
Tgt Ion:173 Resp: 3077

Ion Ratio Lower Upper

173 100

175 48.6 39.0 58.4

254 5.9 8.2 12.2#



#61

1,2,3-Trichloropropane

Concen: 1.324 ug/L

RT: 11.808 min Scan# 3271

Delta R.T. 0.987 min

Lab File: VU056127.D

Acq: 08 Nov 2023 16:29

Tgt Ion: 75 Resp: 18447

Ion Ratio Lower Upper

75 100

110 2.8 29.7 44.5#

77 32.9 25.5 38.3

