

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112823\
 Data File : VU056624.D
 Acq On : 28 Nov 2023 12:53
 Operator : MD/SY
 Sample : 05554-04
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 28 23:49:28 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)

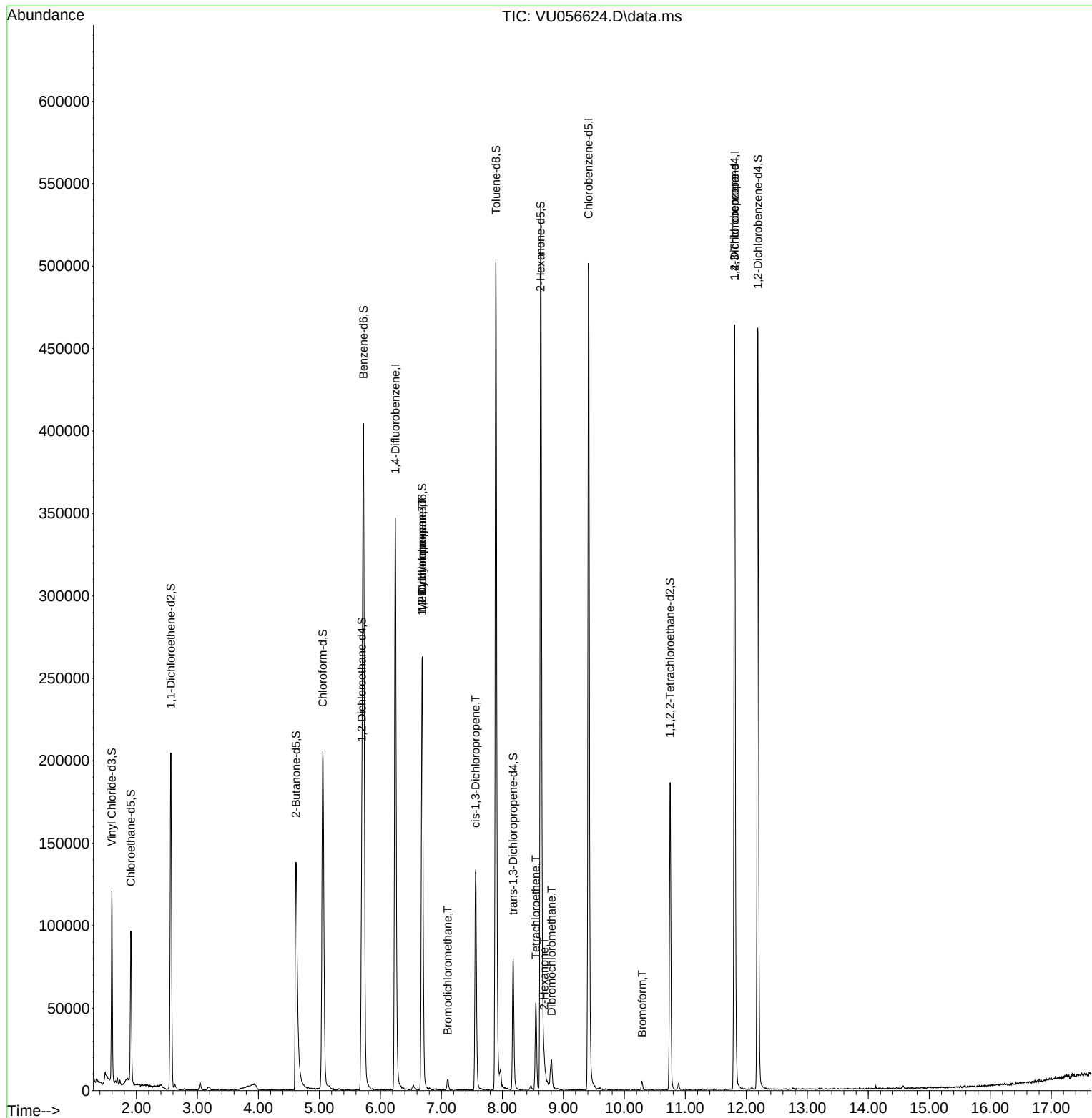
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	282639	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	287298	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	124569	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	80443	3.805	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.200%
7) Chloroethane-d5	1.908	69	70071	4.323	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.400%
11) 1,1-Dichloroethene-d2	2.563	65	40037	4.291	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.800%
20) 2-Butanone-d5	4.615	46	222956	52.890	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.780%
24) Chloroform-d	5.055	84	201593	4.930	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
26) 1,2-Dichloroethane-d4	5.695	65	101886	5.392	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.800%
32) Benzene-d6	5.721	84	391048	4.568	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
36) 1,2-Dichloropropane-d6	6.682	67	127866	4.956	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.200%
41) Toluene-d8	7.894	98	353036	4.671	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
43) trans-1,3-Dichloroprop...	8.177	79	50153	5.069	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.400%
46) 2-Hexanone-d5	8.628	63	189902	48.841	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.680%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	92263	5.005	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	123740	5.377	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.600%
Target Compounds						
					Qvalue	
35) Methylcyclohexane	6.685	83	29475	0.914	ug/L #	19
37) 1,2-Dichloropropane	6.685	63	13651	0.639	ug/L #	88
38) Bromodichloromethane	7.103	83	5234	0.190	ug/L #	89
39) cis-1,3-Dichloropropene	7.560	75	3485	0.111	ug/L #	49
47) Tetrachloroethene	8.547	164	11978	0.795	ug/L	97
48) 2-Hexanone	8.685	43	5202	0.630	ug/L #	66
49) Dibromochloromethane	8.804	129	7361	0.455	ug/L	96
59) Bromoform	10.290	173	2251	0.290	ug/L #	94
61) 1,2,3-Trichloropropane	11.807	75	14755	1.380	ug/L #	68

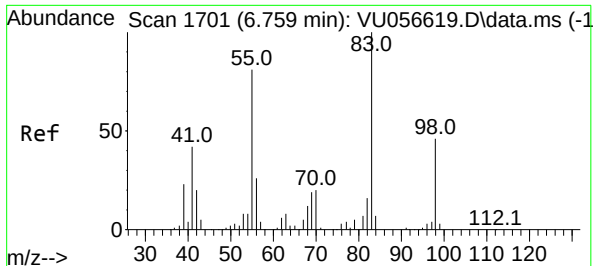
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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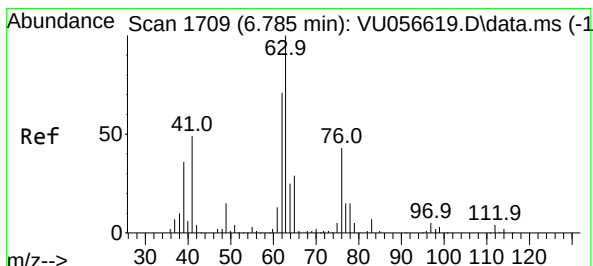
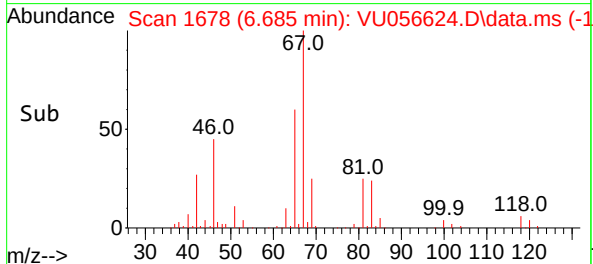
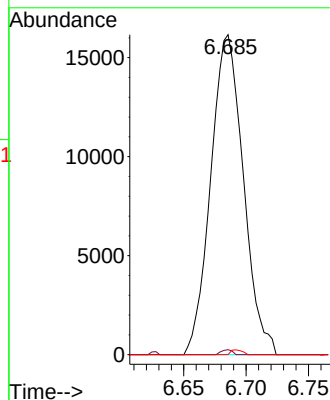
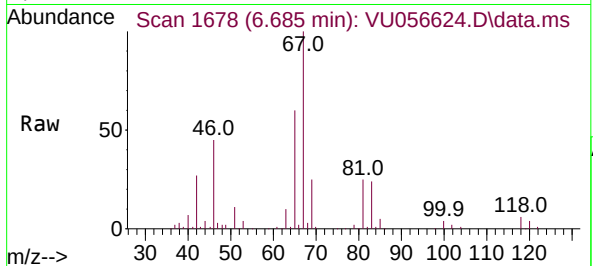




#35
Methylcyclohexane
Concen: 0.914 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU056624.D
Acq: 28 Nov 2023 12:53

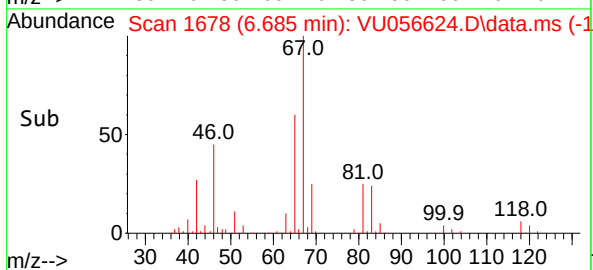
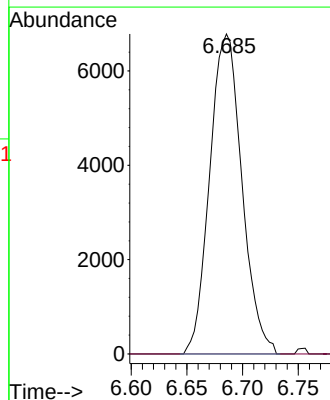
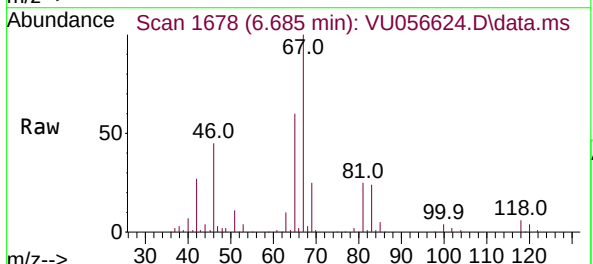
Instrument :
MSVOA_U
ClientSampleId :

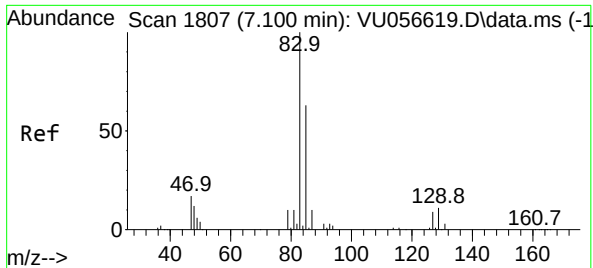
Tgt Ion: 83 Resp: 29475
Ion Ratio Lower Upper
83 100
55 0.5 62.9 94.3#
98 0.5 35.3 52.9#



#37
1,2-Dichloropropane
Concen: 0.639 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.100 min
Lab File: VU056624.D
Acq: 28 Nov 2023 12:53

Tgt Ion: 63 Resp: 13651
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

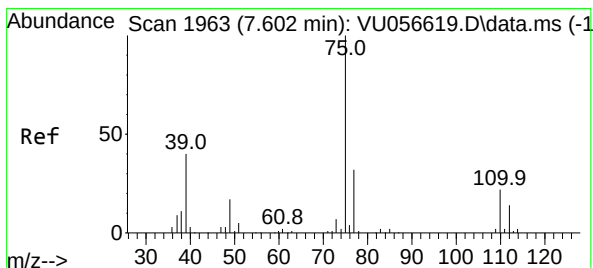
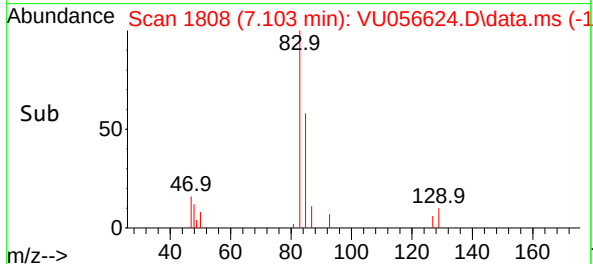
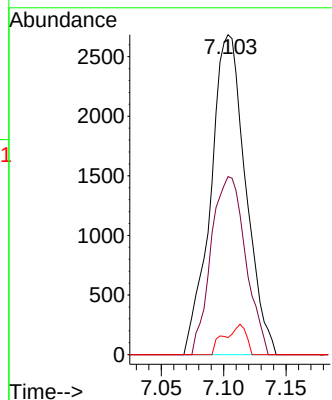
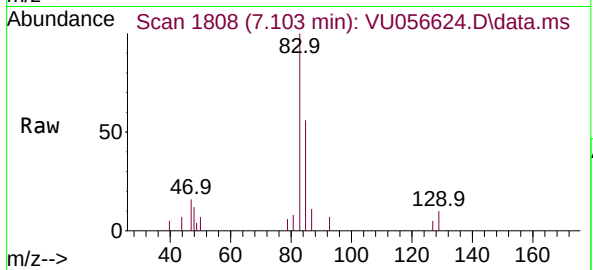




#38
Bromodichloromethane
Concen: 0.190 ug/L
RT: 7.103 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU056624.D
Acq: 28 Nov 2023 12:53

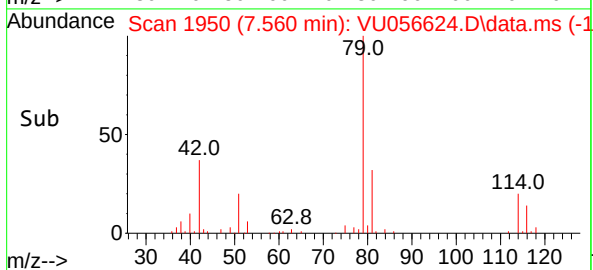
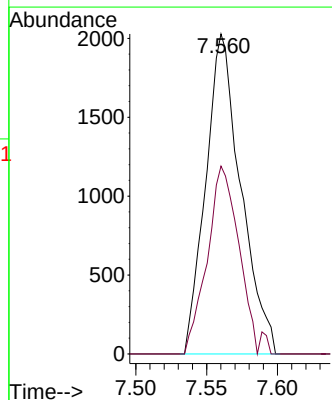
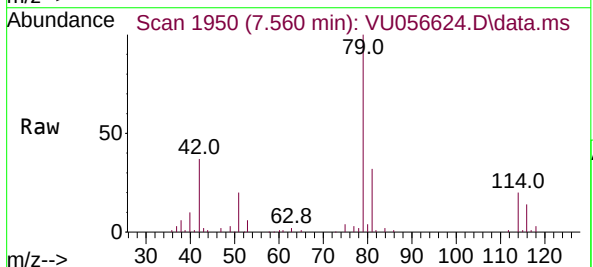
Instrument :
MSVOA_U
ClientSampleId :

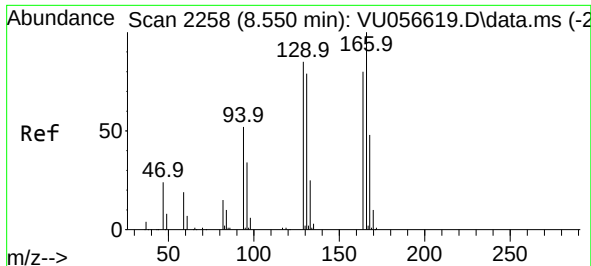
Tgt Ion: 83 Resp: 5234
Ion Ratio Lower Upper
83 100
85 55.6 44.9 83.5
127 5.3 6.9 10.3#



#39
cis-1,3-Dichloropropene
Concen: 0.111 ug/L
RT: 7.560 min Scan# 1950
Delta R.T. -0.042 min
Lab File: VU056624.D
Acq: 28 Nov 2023 12:53

Tgt Ion: 75 Resp: 3485
Ion Ratio Lower Upper
75 100
77 58.7 21.5 39.9#





#47

Tetrachloroethene

Concen: 0.795 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.003 min

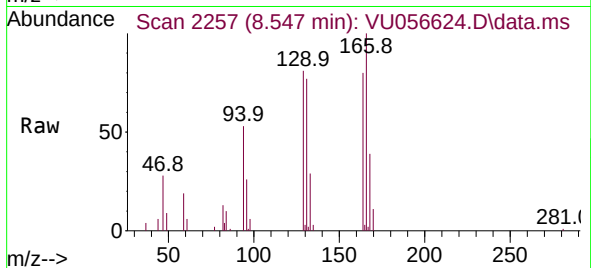
Lab File: VU056624.D

Acq: 28 Nov 2023 12:53

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 11978

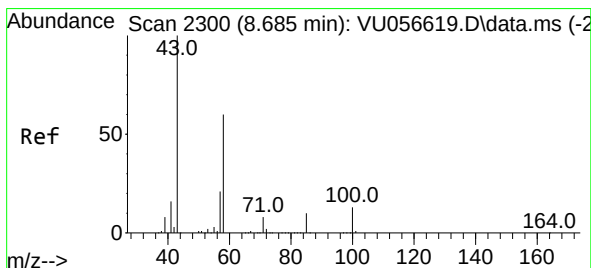
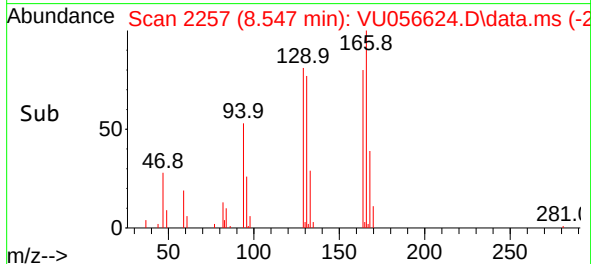
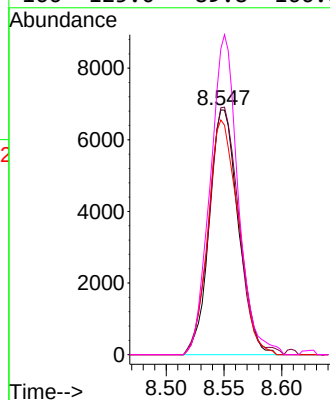
Ion Ratio Lower Upper

164 100

129 100.8 71.0 131.9

131 95.9 70.3 130.7

166 125.0 89.8 166.8



#48

2-Hexanone

Concen: 0.630 ug/L

RT: 8.685 min Scan# 2300

Delta R.T. 0.000 min

Lab File: VU056624.D

Acq: 28 Nov 2023 12:53

Tgt Ion: 43 Resp: 5202

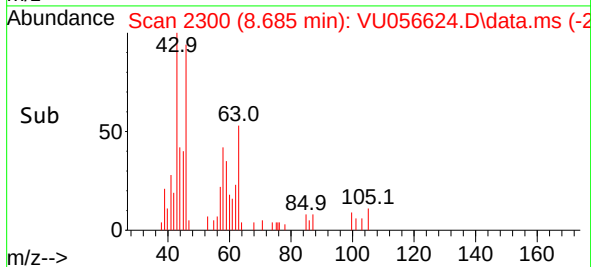
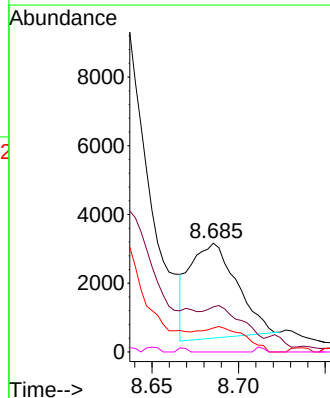
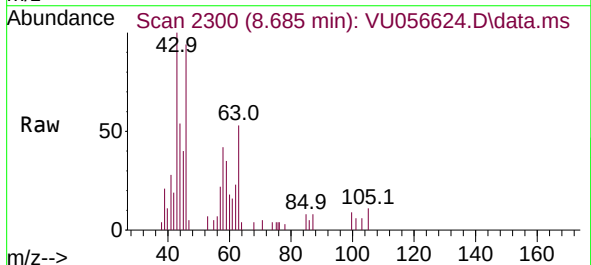
Ion Ratio Lower Upper

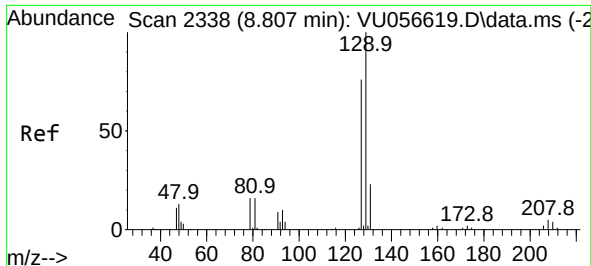
43 100

58 25.5 48.7 73.1#

57 20.9 16.8 25.2

100 0.8 9.9 14.9#

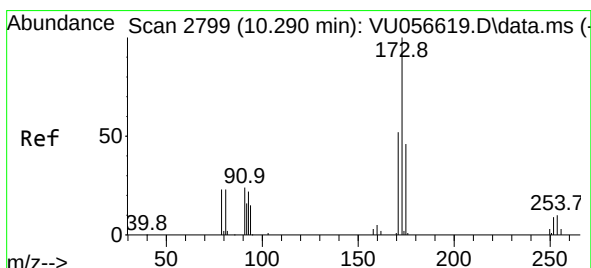
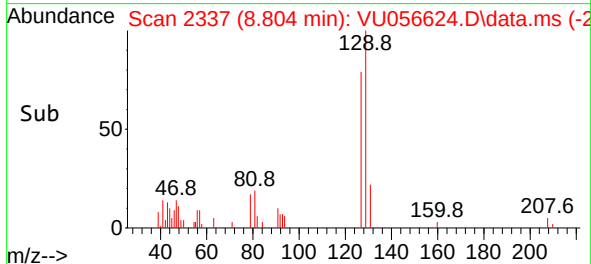
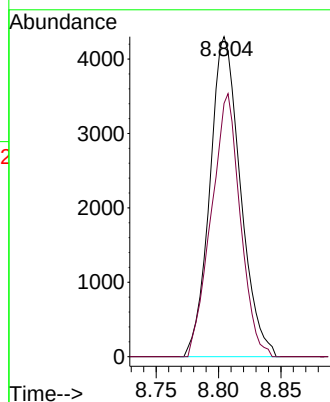
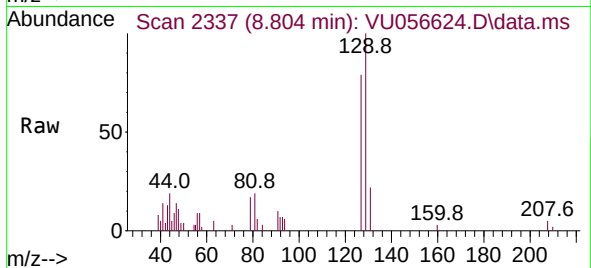




#49
Dibromochloromethane
Concen: 0.455 ug/L
RT: 8.804 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU056624.D
Acq: 28 Nov 2023 12:53

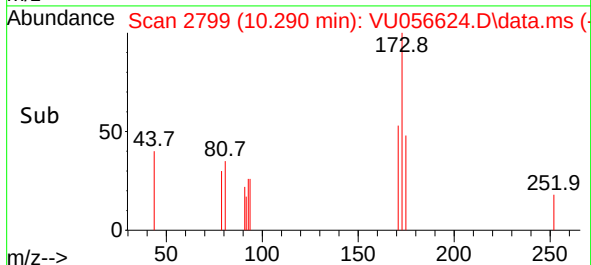
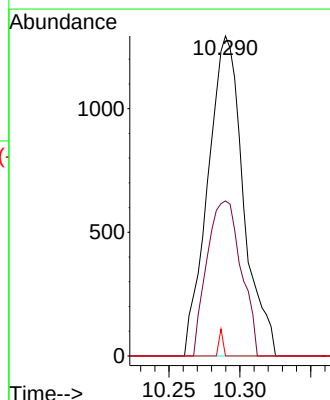
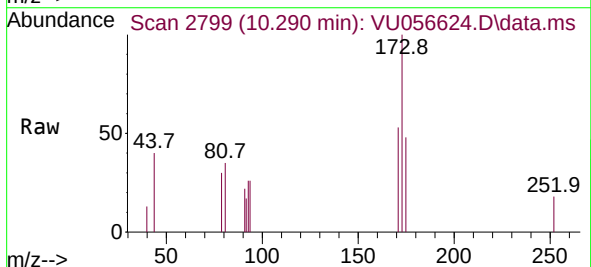
Instrument :
MSVOA_U
ClientSampleId :

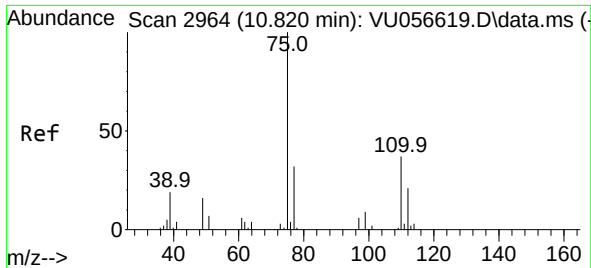
Tgt Ion:129 Resp: 7361
Ion Ratio Lower Upper
129 100
127 79.2 52.9 98.3



#59
Bromoform
Concen: 0.290 ug/L
RT: 10.290 min Scan# 2799
Delta R.T. 0.000 min
Lab File: VU056624.D
Acq: 28 Nov 2023 12:53

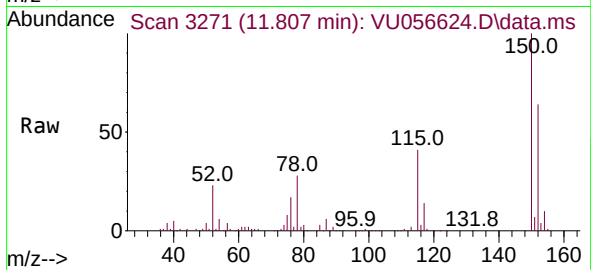
Tgt Ion:173 Resp: 2251
Ion Ratio Lower Upper
173 100
175 46.5 38.9 58.3
254 0.9 6.7 10.1#





#61
1,2,3-Trichloropropane
Concen: 1.380 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.987 min
Lab File: VU056624.D
Acq: 28 Nov 2023 12:53

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
110	2.1	30.4	45.6#
77	34.3	27.0	40.6

