

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082923\
 Data File : VU054953.D
 Acq On : 29 Aug 2023 13:43
 Operator : MD/SY
 Sample : 04158-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 29 22:29:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 29 22:22:50 2023
 Response via : Initial Calibration

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

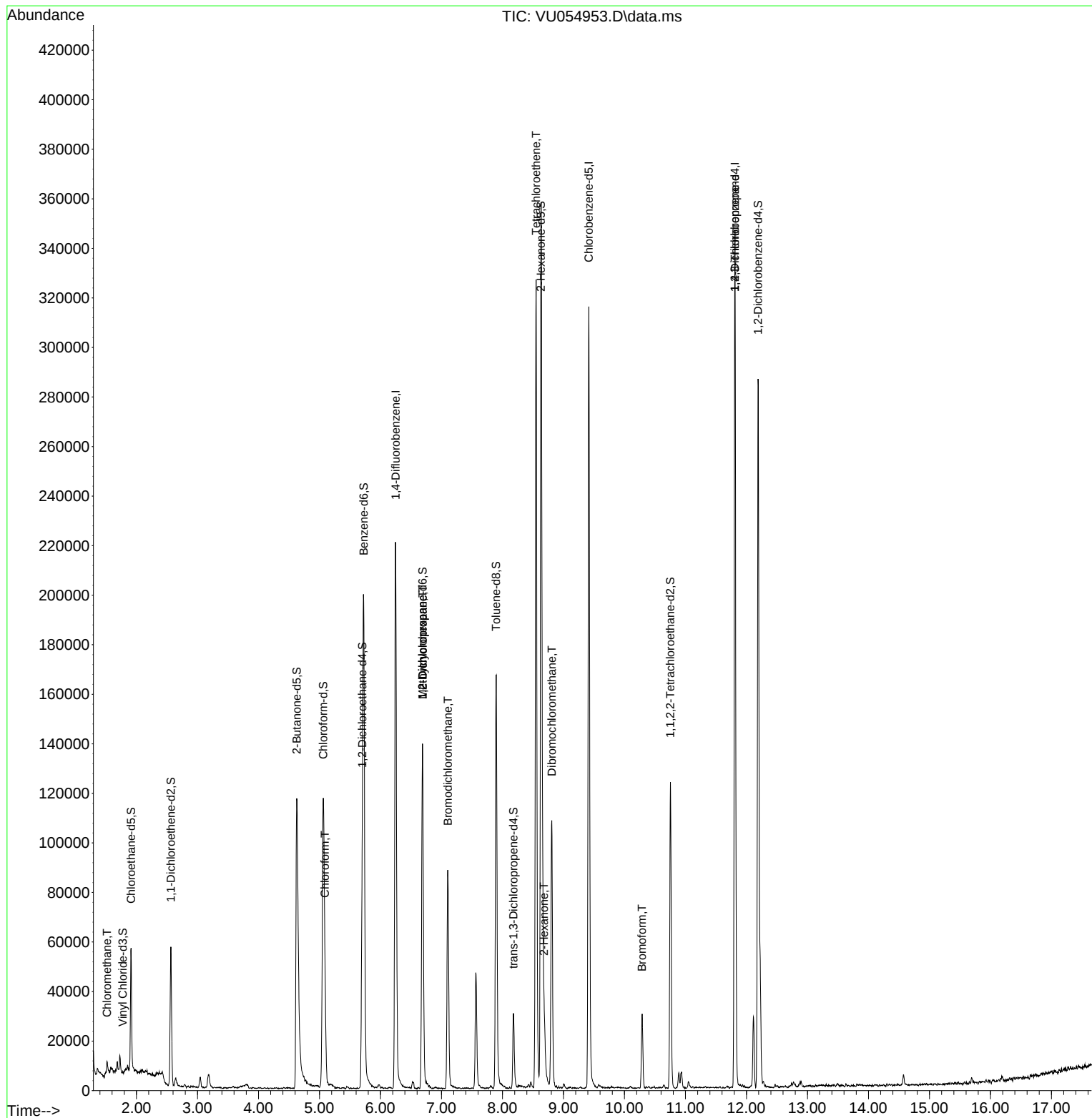
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	181461	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	171818	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	88212	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.773	65	68	0.012	ug/L	0.18
Spiked Amount	5.000	Range	40 - 130	Recovery	=	0.200%#
7) Chloroethane-d5	1.911	69	33418	4.516	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.400%
11) 1,1-Dichloroethene-d2	2.563	65	11201	3.460	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.200%
20) 2-Butanone-d5	4.628	46	176155	56.980	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.960%
24) Chloroform-d	5.059	84	100202	4.716	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
26) 1,2-Dichloroethane-d4	5.702	65	56515	4.999	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.000%
32) Benzene-d6	5.724	84	181667	4.704	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
36) 1,2-Dichloropropane-d6	6.689	67	67331	4.957	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.200%
41) Toluene-d8	7.894	98	115507	3.123	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	62.400%#
43) trans-1,3-Dichloroprop...	8.181	79	17179	3.843	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.800%
46) 2-Hexanone-d5	8.631	63	119468	56.306	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.620%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	60292	5.176	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	72380	5.139	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.800%
Target Compounds						
3) Chloromethane	1.519	50	3267	0.278	ug/L	96
25) Chloroform	5.087	83	34975	1.698	ug/L	95
35) Methylcyclohexane	6.689	83	14369	0.865	ug/L #	18
37) 1,2-Dichloropropane	6.689	63	7454	0.660	ug/L #	90
38) Bromodichloromethane	7.103	83	57362	4.092	ug/L	98
47) Tetrachloroethene	8.550	164	66962	8.296	ug/L	96
48) 2-Hexanone	8.682	43	14640	3.138	ug/L #	90
49) Dibromochloromethane	8.808	129	52388	5.930	ug/L	94
59) Bromoform	10.287	173	13021	2.971	ug/L	95
61) 1,2,3-Trichloropropane	11.811	75	11870	1.807	ug/L #	67

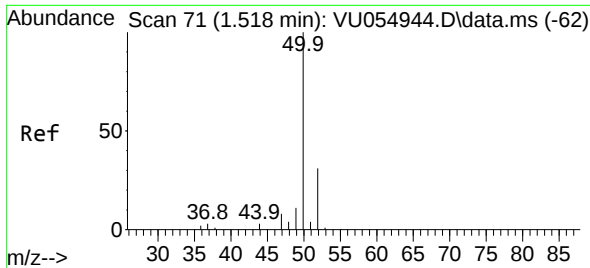
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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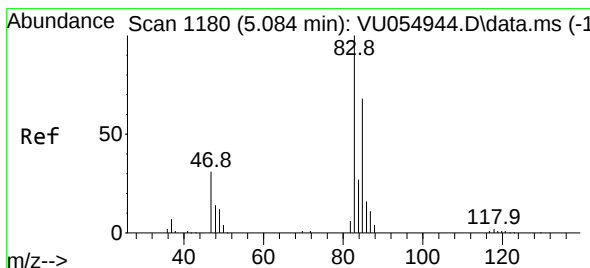
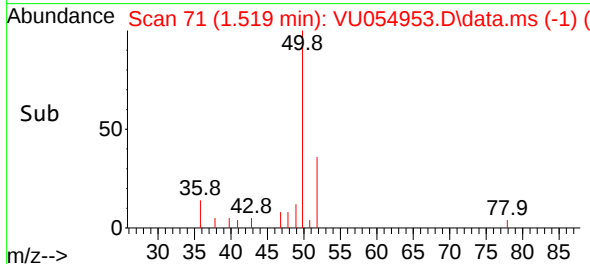
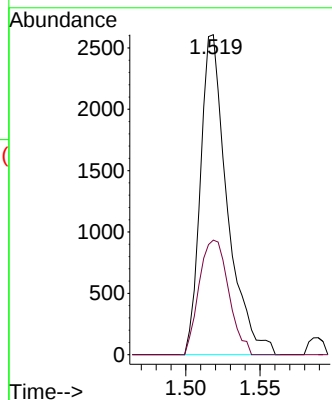
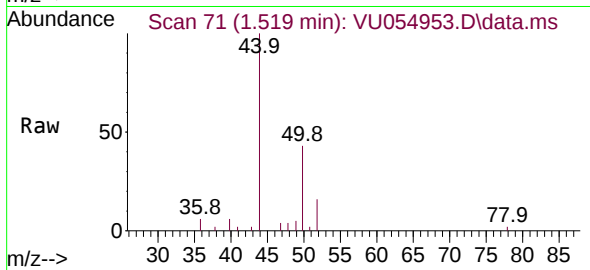




#3
Chloromethane
Concen: 0.278 ug/L
RT: 1.519 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU054953.D
Acq: 29 Aug 2023 13:43

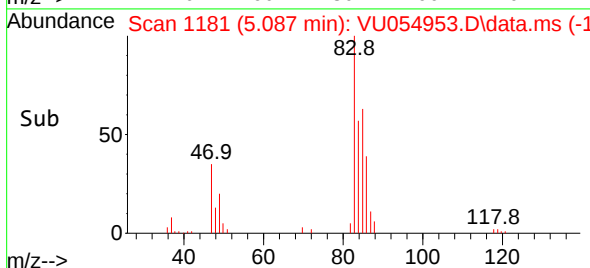
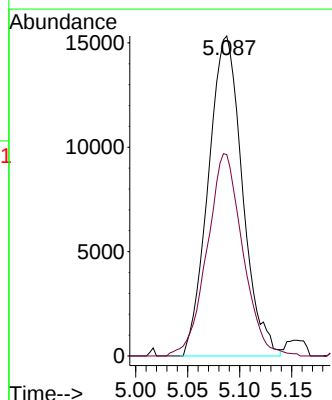
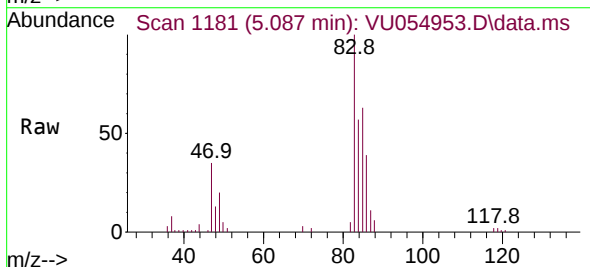
Instrument :
MSVOA_U
ClientSampleId :

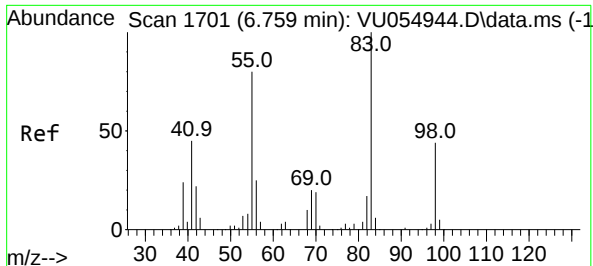
Tgt Ion: 50 Resp: 3267
Ion Ratio Lower Upper
50 100
52 35.8 23.4 43.6



#25
Chloroform
Concen: 1.698 ug/L
RT: 5.087 min Scan# 1181
Delta R.T. 0.003 min
Lab File: VU054953.D
Acq: 29 Aug 2023 13:43

Tgt Ion: 83 Resp: 34975
Ion Ratio Lower Upper
83 100
85 62.9 46.7 86.7

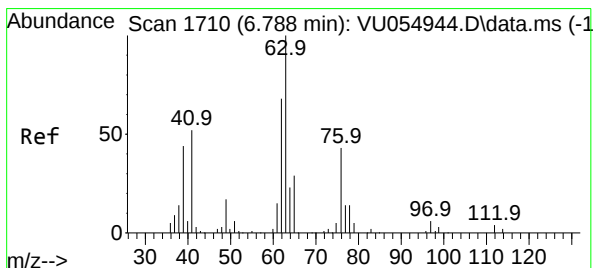
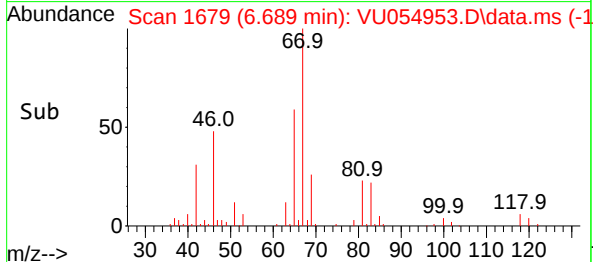
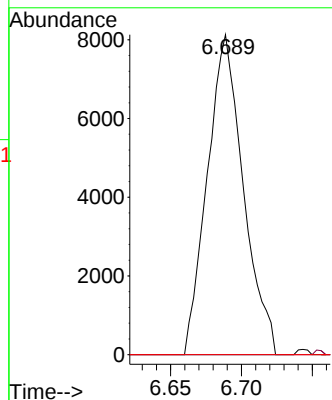
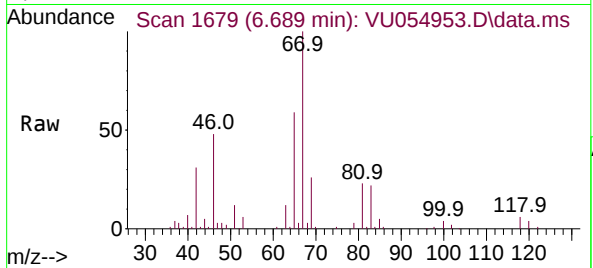




#35
Methylcyclohexane
Concen: 0.865 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU054953.D
Acq: 29 Aug 2023 13:43

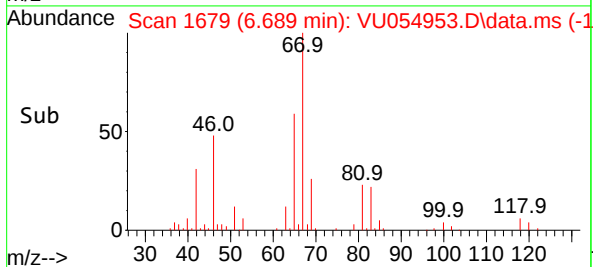
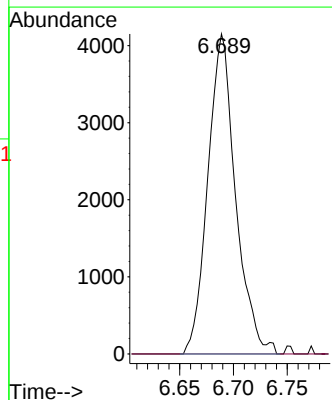
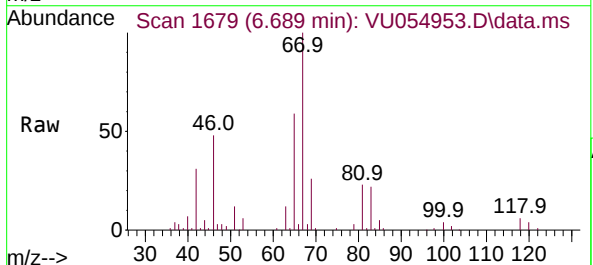
Instrument :
MSVOA_U
ClientSampleId :

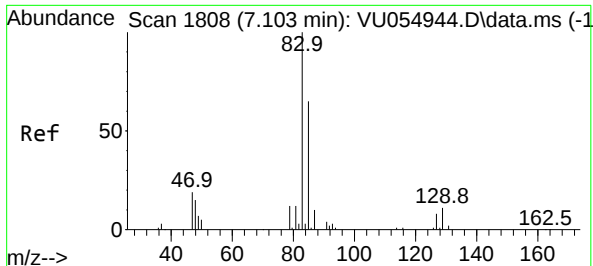
Tgt Ion: 83 Resp: 14369
Ion Ratio Lower Upper
83 100
55 0.3 62.1 93.1#
98 0.2 37.8 56.6#



#37
1,2-Dichloropropane
Concen: 0.660 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.099 min
Lab File: VU054953.D
Acq: 29 Aug 2023 13:43

Tgt Ion: 63 Resp: 7454
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#

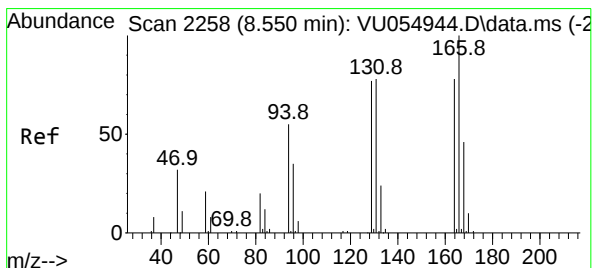
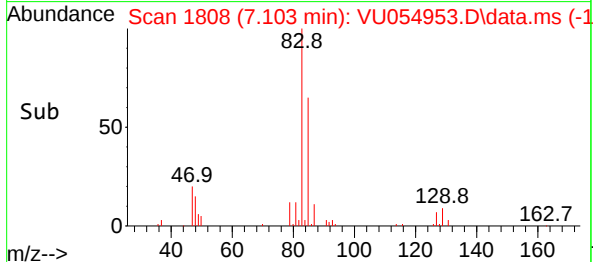
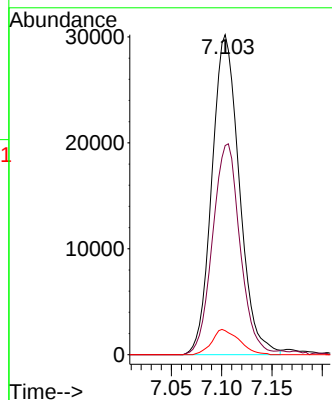
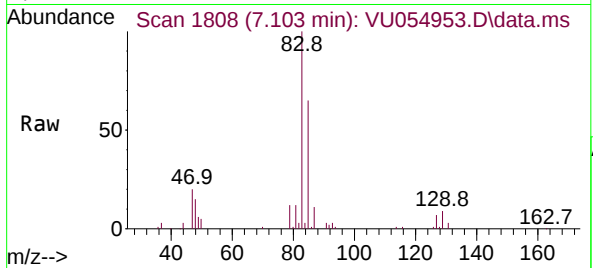




#38
Bromodichloromethane
Concen: 4.092 ug/L
RT: 7.103 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VU054953.D
Acq: 29 Aug 2023 13:43

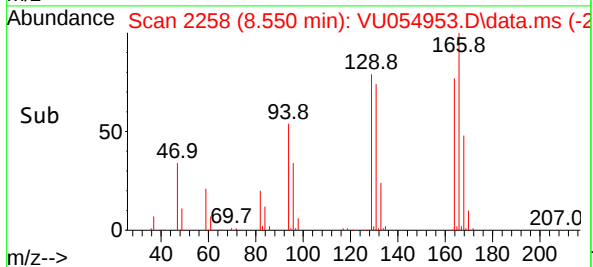
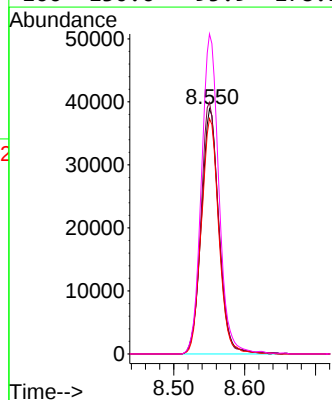
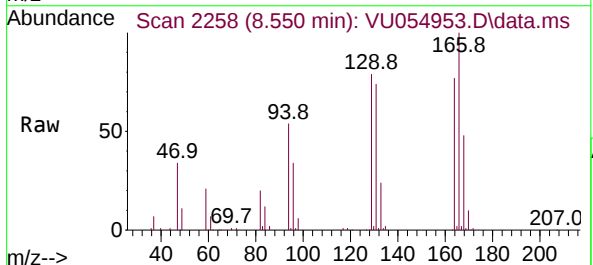
Instrument :
MSVOA_U
ClientSampleId :

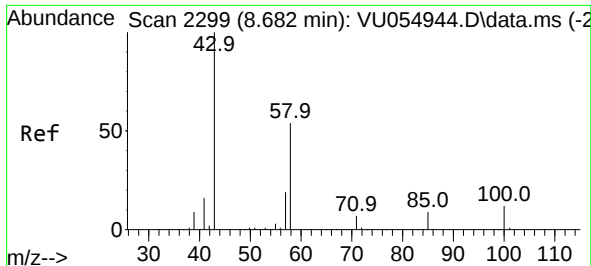
Tgt Ion: 83 Resp: 57362
Ion Ratio Lower Upper
83 100
85 65.3 45.1 83.7
127 7.5 7.1 10.7



#47
Tetrachloroethene
Concen: 8.296 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU054953.D
Acq: 29 Aug 2023 13:43

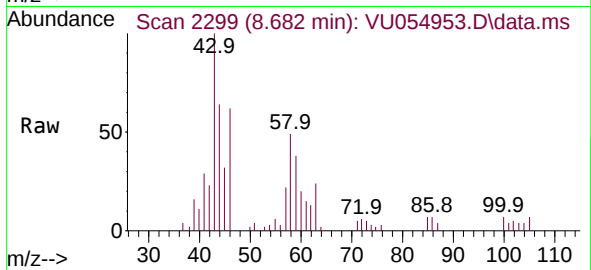
Tgt Ion: 164 Resp: 66962
Ion Ratio Lower Upper
164 100
129 102.7 72.8 135.2
131 96.0 70.7 131.3
166 130.6 95.9 178.1



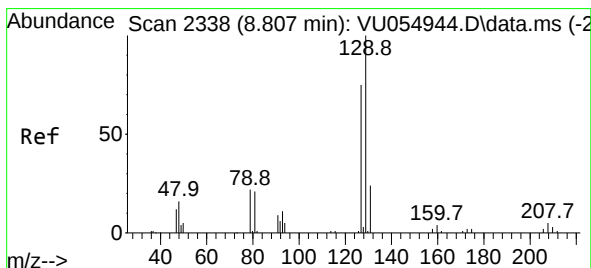
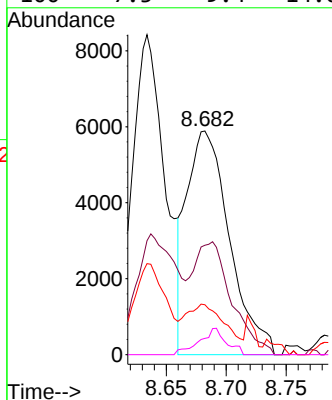
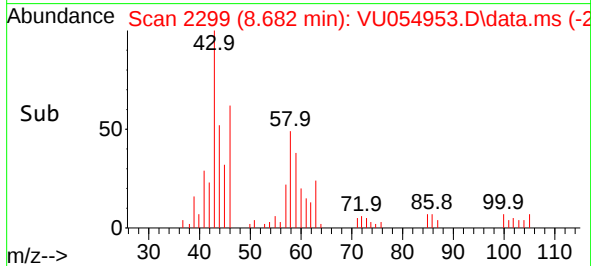


#48
2-Hexanone
Concen: 3.138 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VU054953.D
Acq: 29 Aug 2023 13:43

Instrument :
MSVOA_U
ClientSampleId :

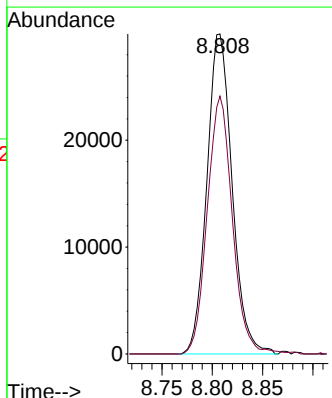
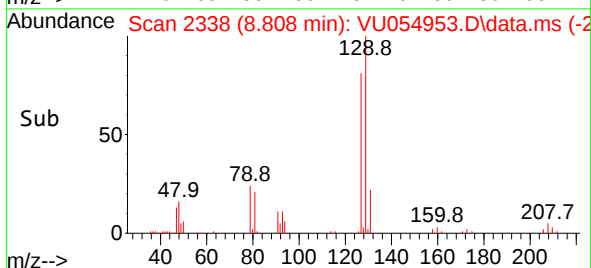
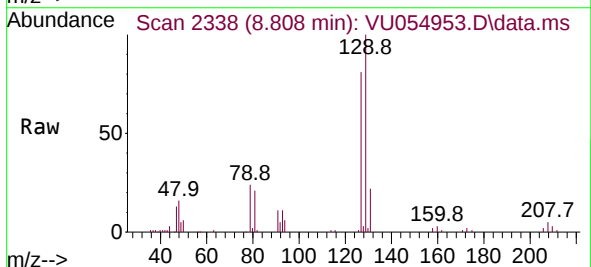


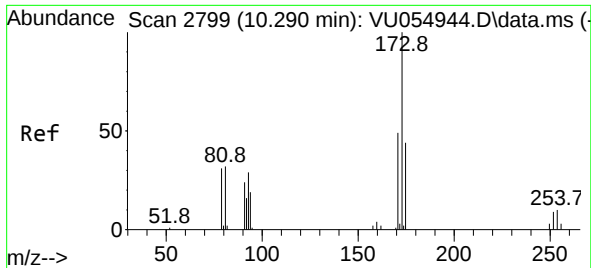
Tgt Ion: 43 Resp: 14640
Ion Ratio Lower Upper
43 100
58 45.5 44.0 66.0
57 20.7 15.9 23.9
100 7.3 9.4 14.0#



#49
Dibromochloromethane
Concen: 5.930 ug/L
RT: 8.808 min Scan# 2338
Delta R.T. 0.000 min
Lab File: VU054953.D
Acq: 29 Aug 2023 13:43

Tgt Ion: 129 Resp: 52388
Ion Ratio Lower Upper
129 100
127 80.6 60.5 112.5

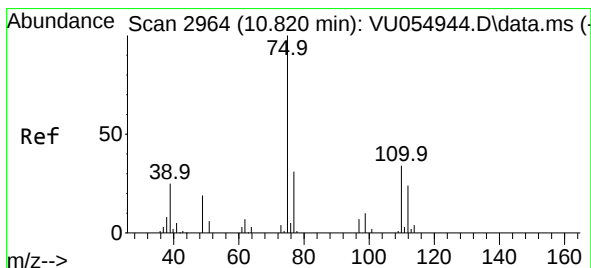
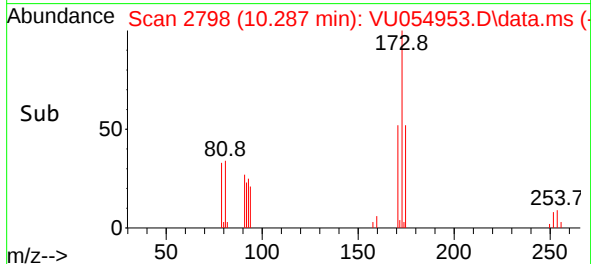
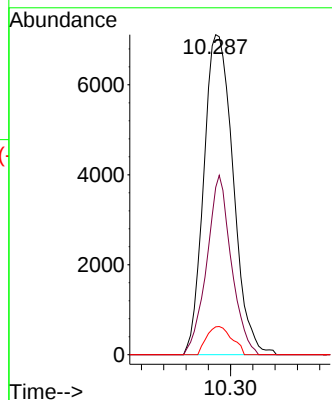
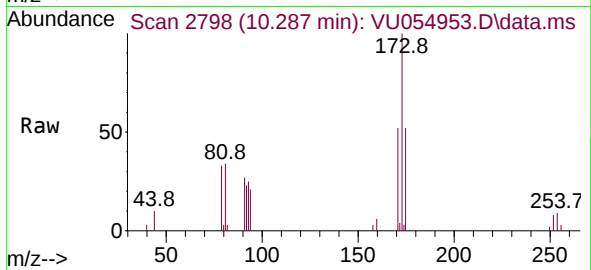




#59
Bromoform
Concen: 2.971 ug/L
RT: 10.287 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU054953.D
Acq: 29 Aug 2023 13:43

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:173 Resp: 13021
Ion Ratio Lower Upper
173 100
175 46.9 40.8 61.2
254 7.5 6.8 10.2



#61
1,2,3-Trichloropropane
Concen: 1.807 ug/L
RT: 11.811 min Scan# 3272
Delta R.T. 0.991 min
Lab File: VU054953.D
Acq: 29 Aug 2023 13:43

Tgt Ion: 75 Resp: 11870
Ion Ratio Lower Upper
75 100
110 3.3 29.0 43.6#
77 37.0 26.5 39.7

