

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042023\
 Data File : VU053804.D
 Acq On : 20 Apr 2023 14:23
 Operator : JC/MD
 Sample : 02340-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHE09

Quant Time: Apr 21 04:20:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 19 04:58:28 2023
 Response via : Initial Calibration

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

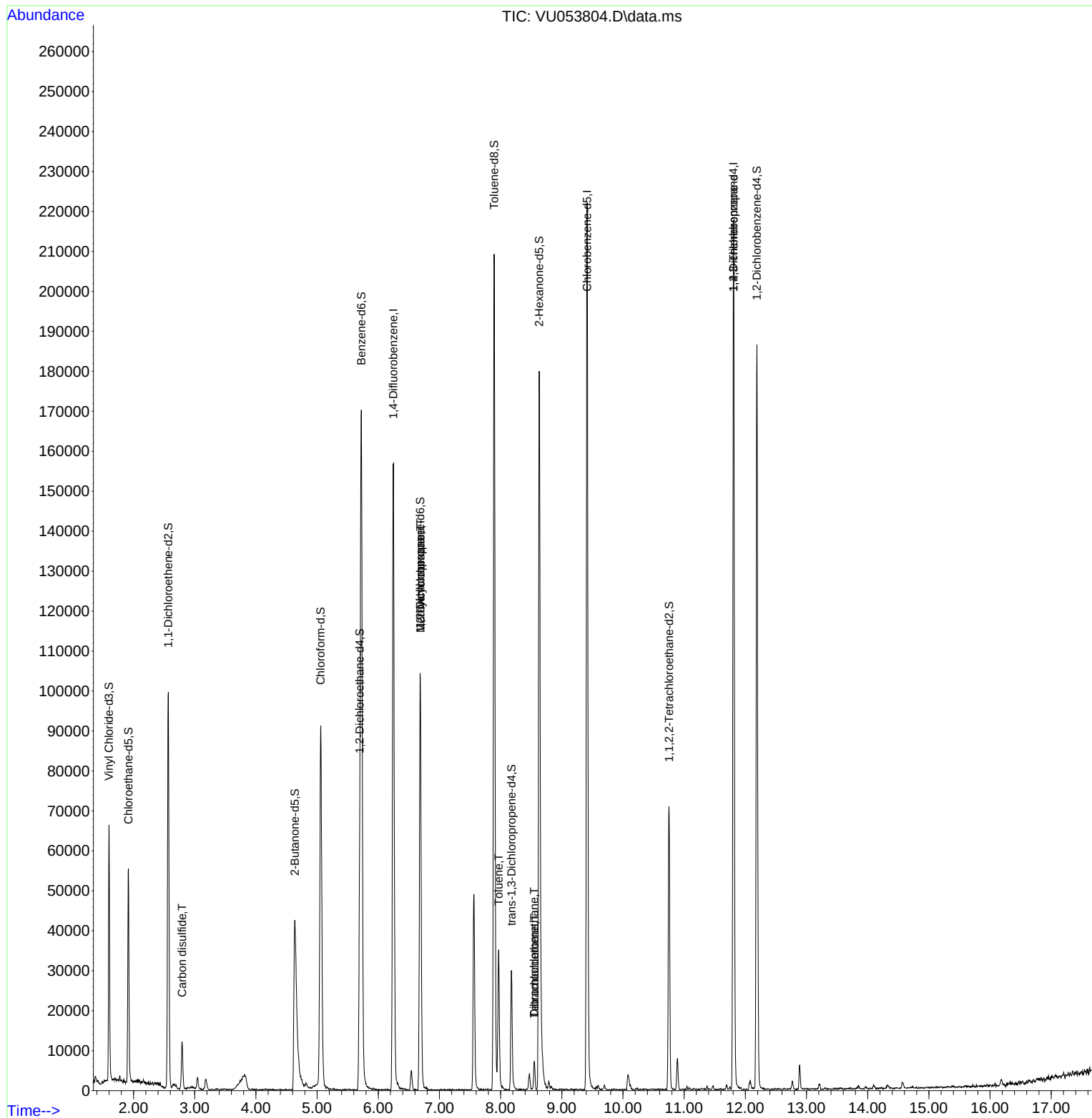
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	135819	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	132214	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	61973	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	47530	5.087	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.800%
7) Chloroethane-d5	1.916	69	40181	4.738	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.800%
11) 1,1-Dichloroethene-d2	2.569	65	18169	4.565	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.200%
20) 2-Butanone-d5	4.636	46	83239	38.888	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.780%
24) Chloroform-d	5.057	84	81815	4.723	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
26) 1,2-Dichloroethane-d4	5.697	65	39744	4.477	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%
32) Benzene-d6	5.723	84	171241	4.570	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
36) 1,2-Dichloropropane-d6	6.684	67	51275	4.491	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.800%
41) Toluene-d8	7.893	98	151501	4.286	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.800%
43) trans-1,3-Dichloroprop...	8.176	79	18583	4.241	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.800%
46) 2-Hexanone-d5	8.629	63	65240	36.659	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.320%
56) 1,1,2,2-Tetrachloroeth...	10.752	84	36921	3.885	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	77.600%
66) 1,2-Dichlorobenzene-d4	12.189	152	51578	4.626	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.600%
Target Compounds						
					Qvalue	
14) Carbon disulfide	2.794	76	15199	0.673	ug/L	100
35) Methylcyclohexane	6.687	83	12702	0.785	ug/L #	22
37) 1,2-Dichloropropane	6.687	63	5404	0.578	ug/L #	89
42) Toluene	7.967	91	25757	0.665	ug/L	94
47) Tetrachloroethene	8.552	164	1656	0.239	ug/L	93
49) Dibromochloromethane	8.549	129	1562	0.238	ug/L #	12
61) 1,2,3-Trichloropropane	11.806	75	7333	1.428	ug/L #	66

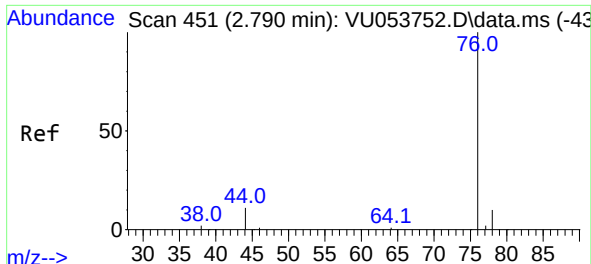
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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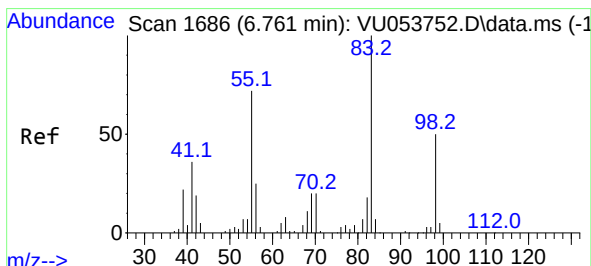
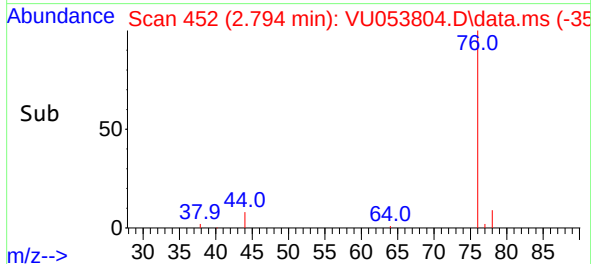
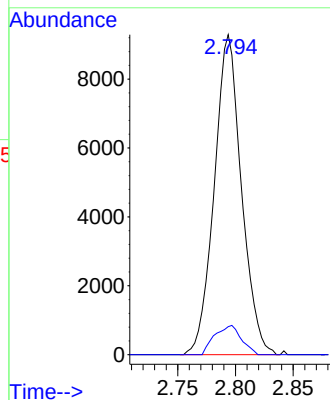
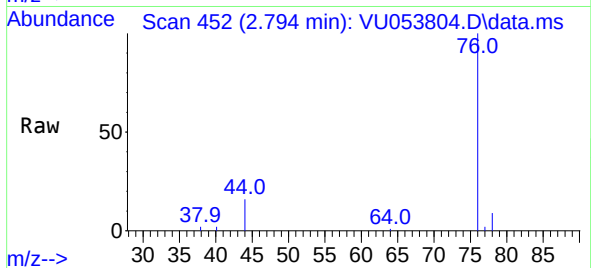




#14
Carbon disulfide
Concen: 0.673 ug/L
RT: 2.794 min Scan# 41
Delta R.T. 0.003 min
Lab File: VU053804.D
Acq: 20 Apr 2023 14:23

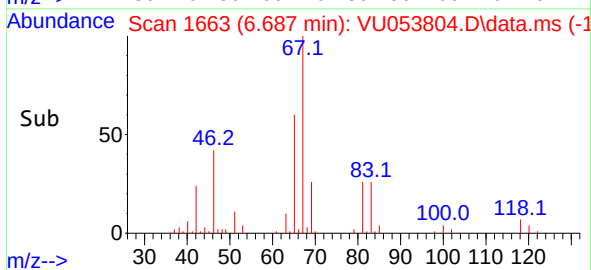
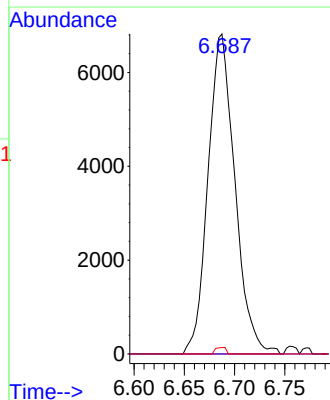
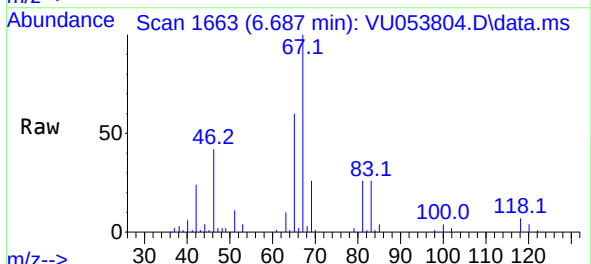
Instrument :
MSVOA_U
ClientSampleId :
BHE09

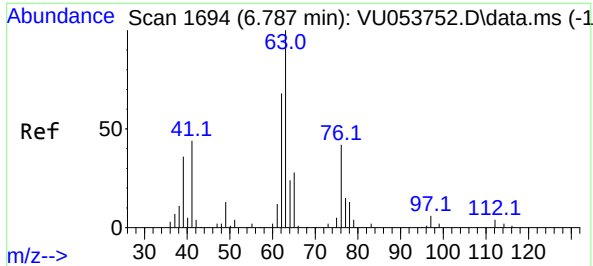
Tgt Ion: 76 Resp: 15199
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.4



#35
Methylcyclohexane
Concen: 0.785 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU053804.D
Acq: 20 Apr 2023 14:23

Tgt Ion: 83 Resp: 12702
Ion Ratio Lower Upper
83 100
55 0.0 54.9 82.3#
98 0.8 34.9 52.3#

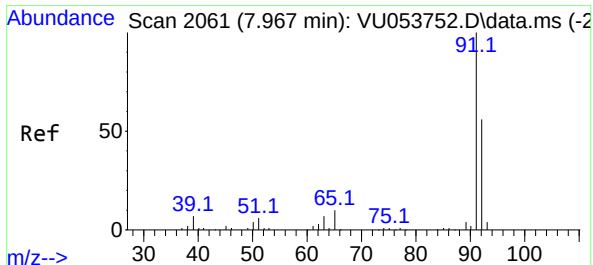
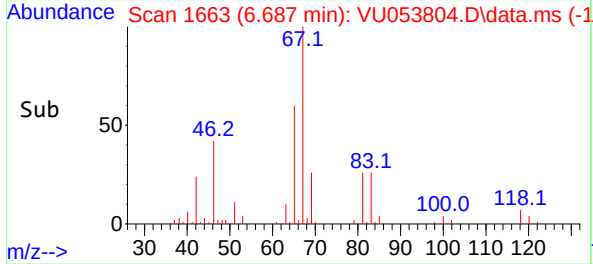
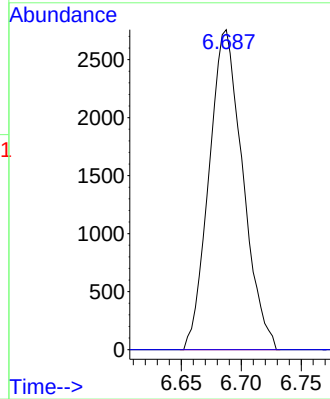
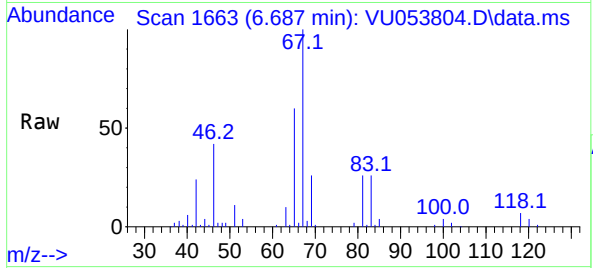




#37
1,2-Dichloropropane
Concen: 0.578 ug/L
RT: 6.687 min Scan# 1
Delta R.T. -0.099 min
Lab File: VU053804.D
Acq: 20 Apr 2023 14:23

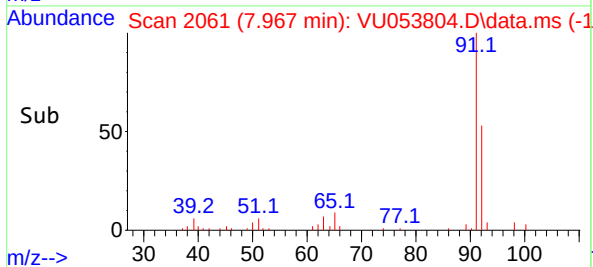
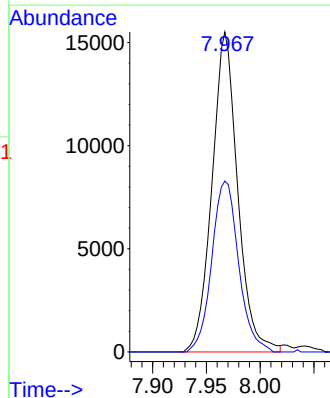
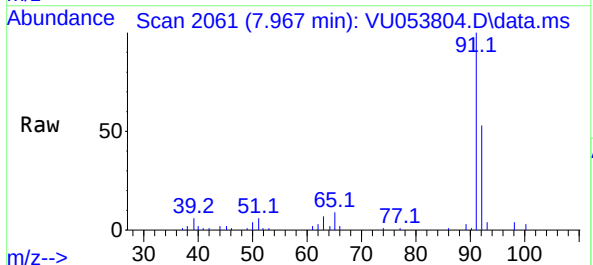
Instrument :
MSVOA_U
ClientSampleId :
BHE09

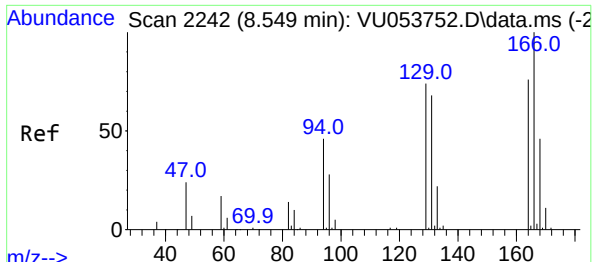
Tgt Ion: 63 Resp: 5404
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



#42
Toluene
Concen: 0.665 ug/L
RT: 7.967 min Scan# 2061
Delta R.T. 0.000 min
Lab File: VU053804.D
Acq: 20 Apr 2023 14:23

Tgt Ion: 91 Resp: 25757
Ion Ratio Lower Upper
91 100
92 53.4 40.4 75.0



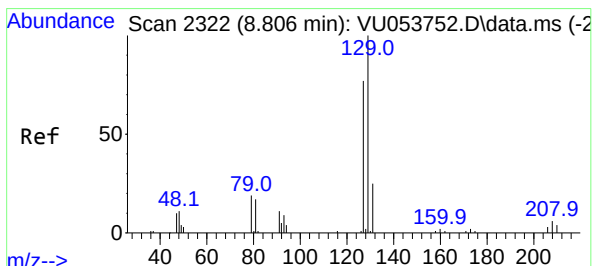
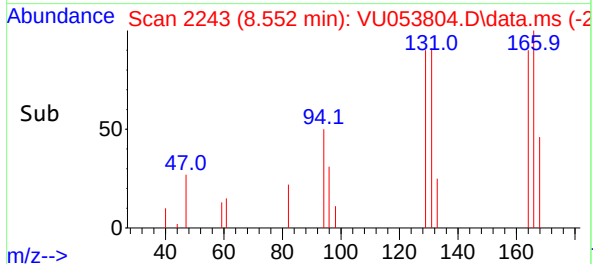
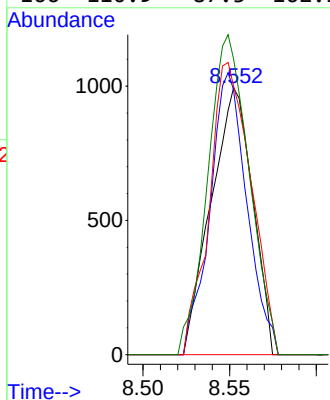
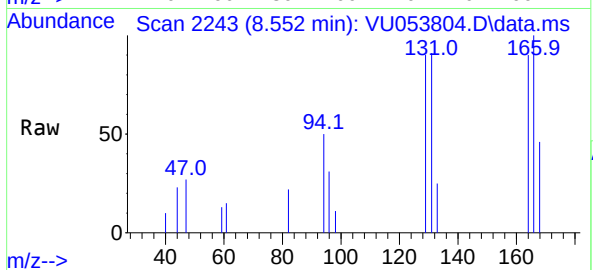


#47
Tetrachloroethene
Concen: 0.239 ug/L
RT: 8.552 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU053804.D
Acq: 20 Apr 2023 14:23

Instrument :
MSVOA_U
ClientSampleId :
BHE09

Tgt Ion:164 Resp: 1656

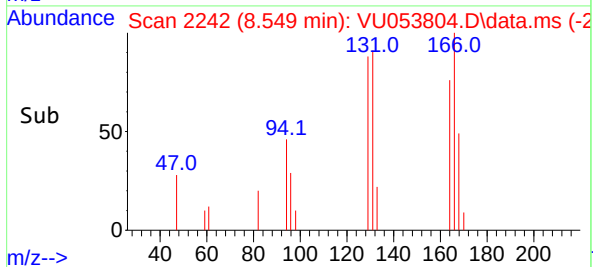
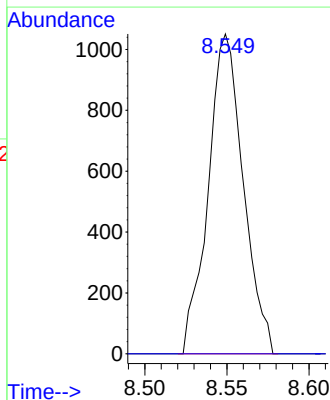
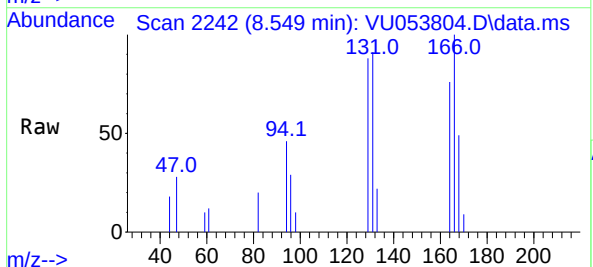
Ion	Ratio	Lower	Upper
164	100		
129	99.3	74.8	138.8
131	100.7	70.1	130.1
166	110.9	87.3	162.1

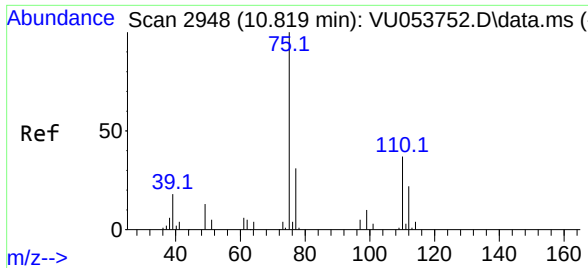


#49
Dibromochloromethane
Concen: 0.238 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.257 min
Lab File: VU053804.D
Acq: 20 Apr 2023 14:23

Tgt Ion:129 Resp: 1562

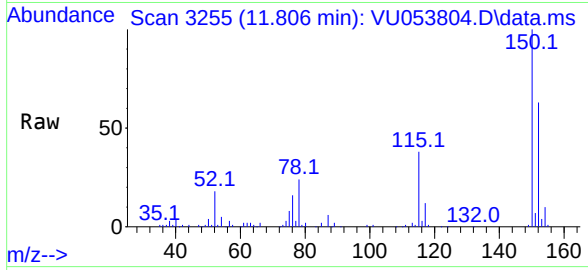
Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.2	97.0#





#61
 1,2,3-Trichloropropane
 Concen: 1.428 ug/L
 RT: 11.806 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU053804.D
 Acq: 20 Apr 2023 14:23

Instrument :
 MSVOA_U
 ClientSampleId :
 BHE09



Tgt Ion: 75 Resp: 7333

Ion	Ratio	Lower	Upper
75	100		
110	2.1	30.6	46.0#
77	30.2	26.1	39.1

