

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042023\
 Data File : VU053815.D
 Acq On : 20 Apr 2023 18:47
 Operator : JC/MD
 Sample : 02392-07 200X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHE28

Quant Time: Apr 21 04:21:41 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

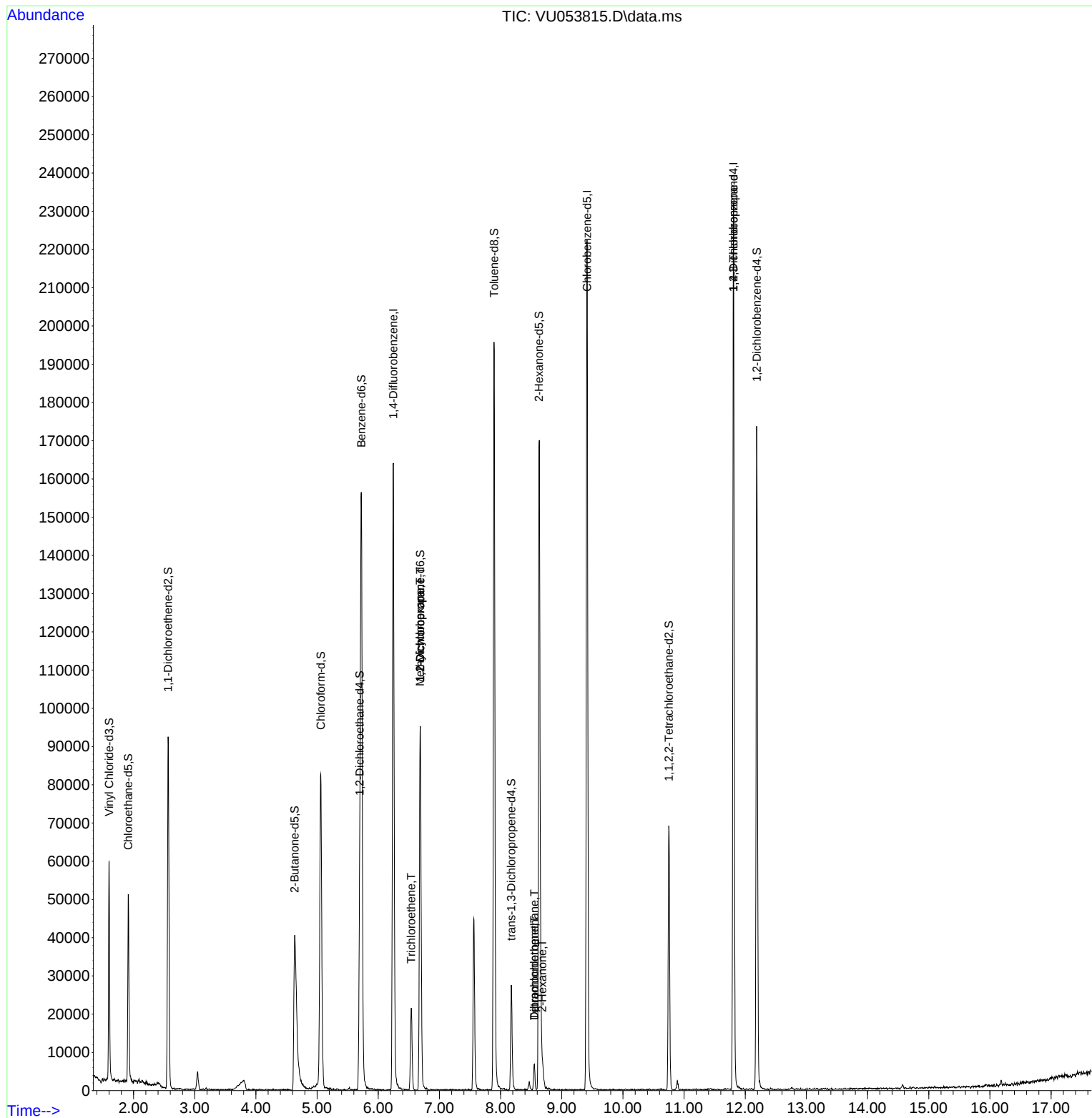
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	143323	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	133710	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	63461	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	44299	4.493	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	89.800%	
7) Chloroethane-d5	1.912	69	36268	4.053	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	81.000%	
11) 1,1-Dichloroethene-d2	2.565	65	17213	4.098	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	82.000%	
20) 2-Butanone-d5	4.633	46	76139	33.709	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	67.420%	
24) Chloroform-d	5.060	84	78806	4.311	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.200%	
26) 1,2-Dichloroethane-d4	5.697	65	37468	4.000	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	80.000%	
32) Benzene-d6	5.723	84	157117	4.146	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	83.000%	
36) 1,2-Dichloropropane-d6	6.687	67	47574	4.120	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	82.400%	
41) Toluene-d8	7.893	98	139665	3.907	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	78.200%	
43) trans-1,3-Dichloroprop...	8.176	79	16827	3.798	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	76.000%	
46) 2-Hexanone-d5	8.629	63	64060	35.593	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	71.180%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	35906	3.736	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	74.800%	
66) 1,2-Dichlorobenzene-d4	12.189	152	48923	4.285	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	85.800%	
Target Compounds						
34) Trichloroethene	6.539	95	7586	0.795	ug/L	90
35) Methylcyclohexane	6.684	83	11059	0.676	ug/L #	24
37) 1,2-Dichloropropane	6.687	63	4853	0.513	ug/L #	89
47) Tetrachloroethene	8.552	164	1507	0.215	ug/L	81
48) 2-Hexanone	8.681	43	2382	0.696	ug/L #	39
49) Dibromochloromethane	8.552	129	1427	0.215	ug/L #	12
61) 1,2,3-Trichloropropane	11.806	75	7342	1.396	ug/L #	67

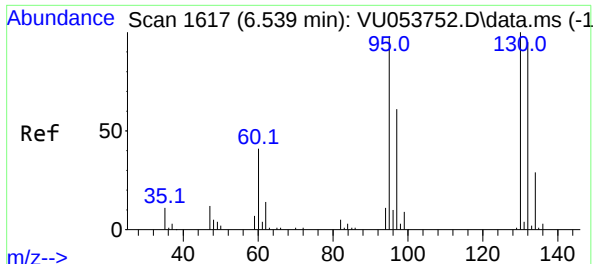
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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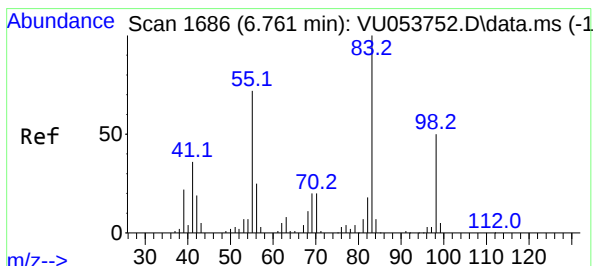
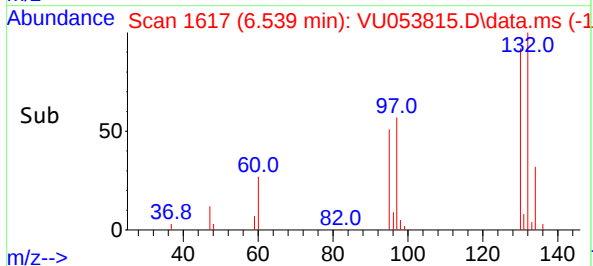
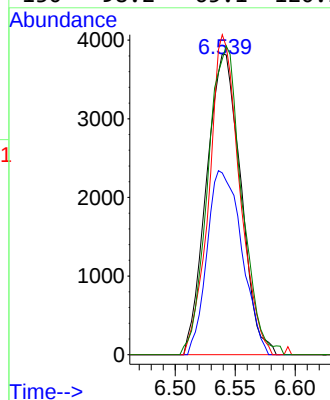
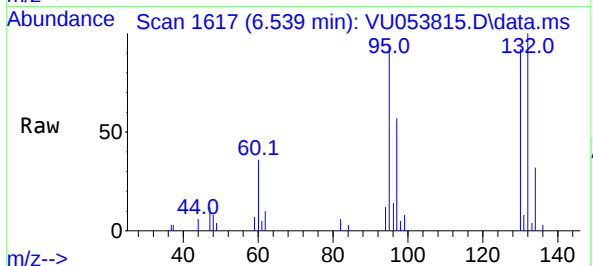


#34
Trichloroethene
Concen: 0.795 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU053815.D
Acq: 20 Apr 2023 18:47

Instrument :
MSVOA_U
ClientSampleId :
BHE28

Tgt Ion: 95 Resp: 7586

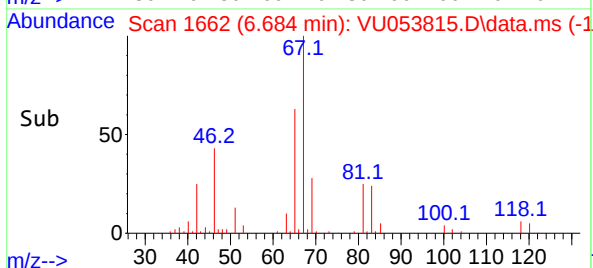
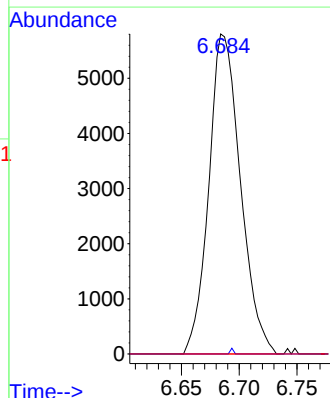
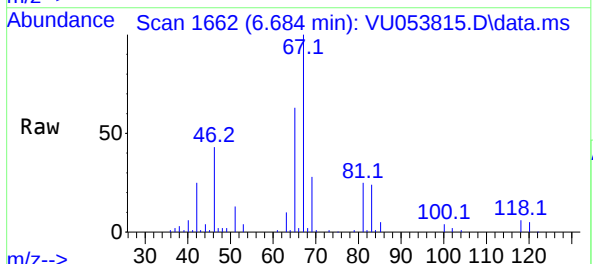
Ion	Ratio	Lower	Upper
95	100		
97	60.4	45.3	84.1
132	106.3	62.8	116.6
130	98.2	65.1	120.9

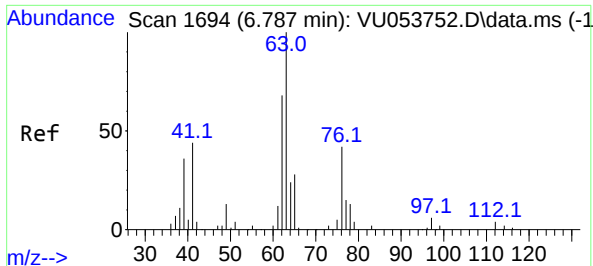


#35
Methylcyclohexane
Concen: 0.676 ug/L
RT: 6.684 min Scan# 1662
Delta R.T. -0.077 min
Lab File: VU053815.D
Acq: 20 Apr 2023 18:47

Tgt Ion: 83 Resp: 11059

Ion	Ratio	Lower	Upper
83	100		
55	0.2	54.9	82.3#
98	3.8	34.9	52.3#

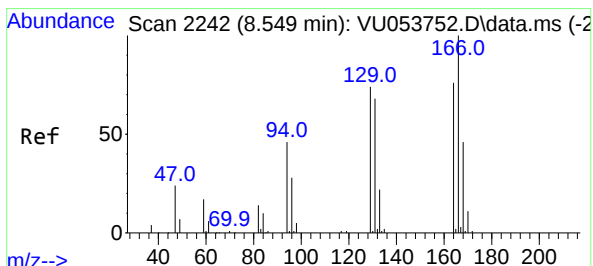
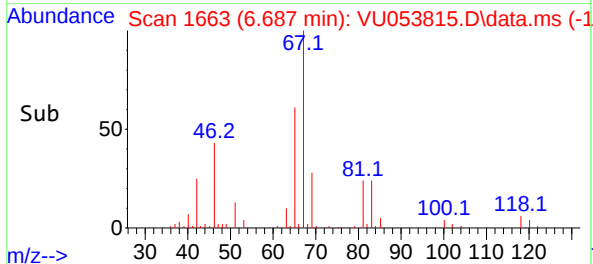
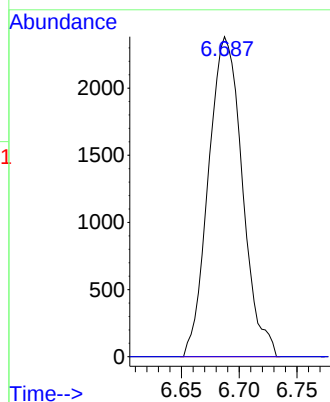
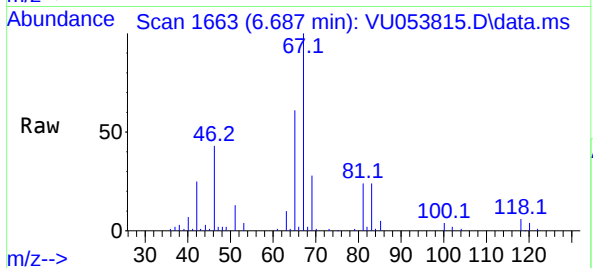




#37
1,2-Dichloropropane
Concen: 0.513 ug/L
RT: 6.687 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU053815.D
Acq: 20 Apr 2023 18:47

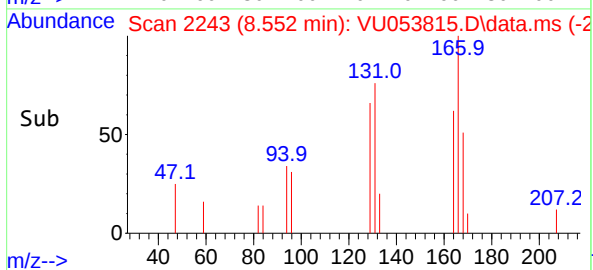
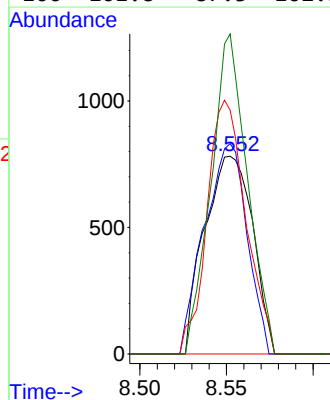
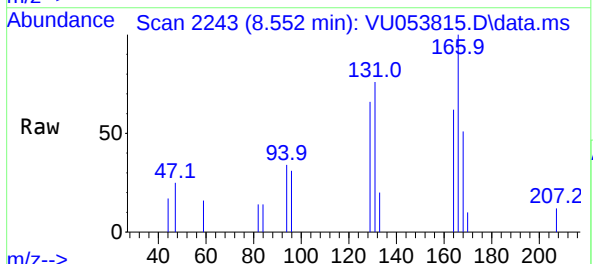
Instrument :
MSVOA_U
ClientSampleId :
BHE28

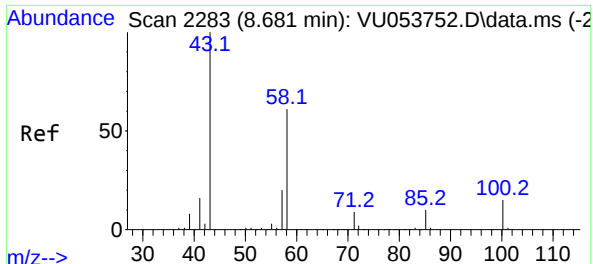
Tgt Ion: 63 Resp: 4853
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



#47
Tetrachloroethene
Concen: 0.215 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.003 min
Lab File: VU053815.D
Acq: 20 Apr 2023 18:47

Tgt Ion: 164 Resp: 1507
Ion Ratio Lower Upper
164 100
129 106.4 74.8 138.8
131 123.3 70.1 130.1
166 161.8 87.3 162.1

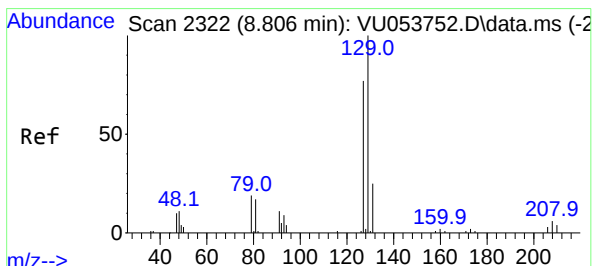
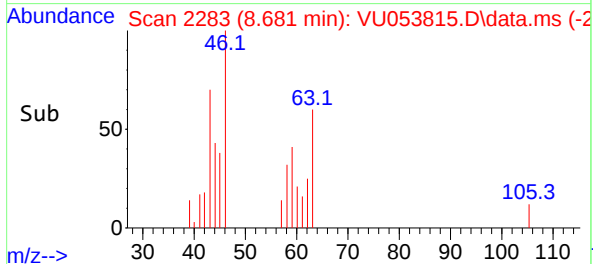
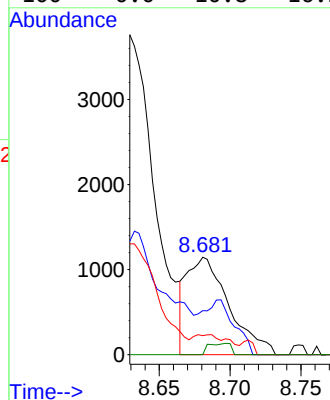
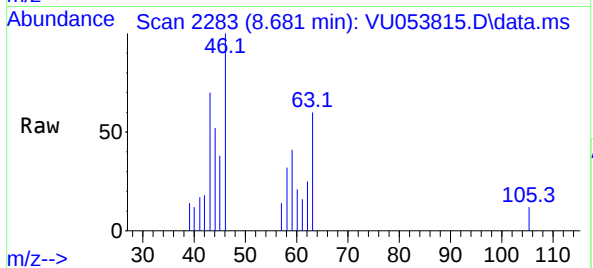




#48
2-Hexanone
Concen: 0.696 ug/L
RT: 8.681 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU053815.D
Acq: 20 Apr 2023 18:47

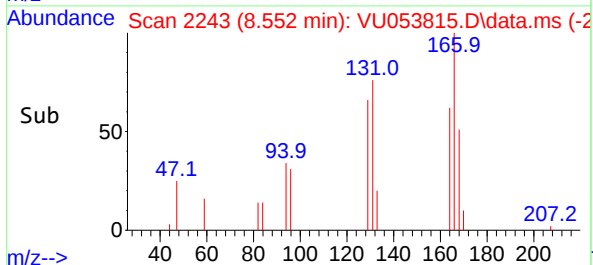
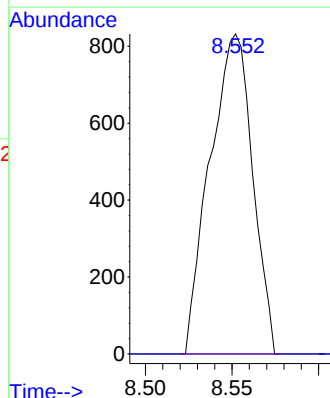
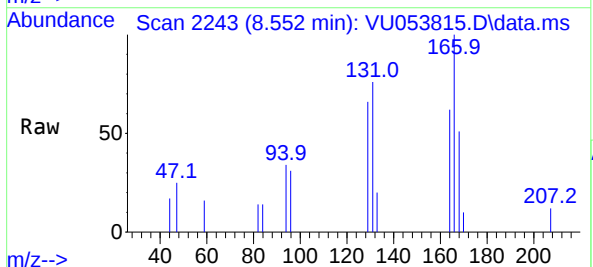
Instrument :
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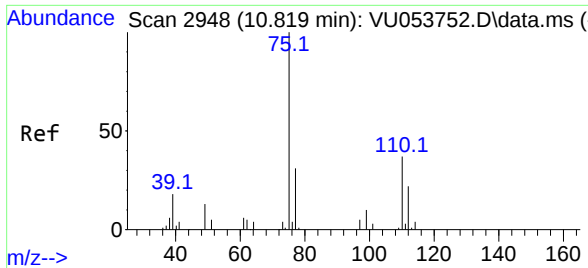
Tgt Ion: 43	Resp: 2382
Ion Ratio	Lower Upper
43 100	
58 0.0	52.8 79.2#
57 17.0	17.1 25.7#
100 0.0	10.8 16.2#



#49
Dibromochloromethane
Concen: 0.215 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.254 min
Lab File: VU053815.D
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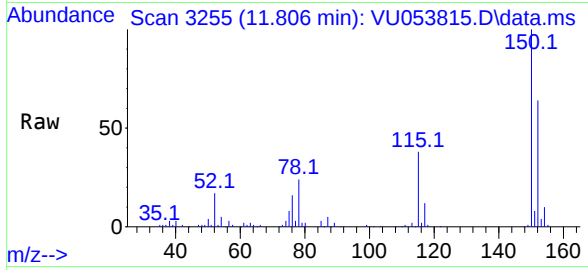
Tgt Ion:129	Resp:	1427	
Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.2	97.0#





#61
1,2,3-Trichloropropane
Concen: 1.396 ug/L
RT: 11.806 min Scan# 31
Delta R.T. 0.987 min
Lab File: VU053815.D
Acq: 20 Apr 2023 18:47

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion:	75	Resp:	7342
Ion	Ratio	Lower	Upper
75	100		
110	1.5	30.6	46.0#
77	33.4	26.1	39.1

