

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042523\
 Data File : VU053882.D
 Acq On : 25 Apr 2023 14:25
 Operator : JC/MD
 Sample : 02333-20 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHE55

Quant Time: Apr 26 05:12:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 26 05:09:52 2023
 Response via : Initial Calibration

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

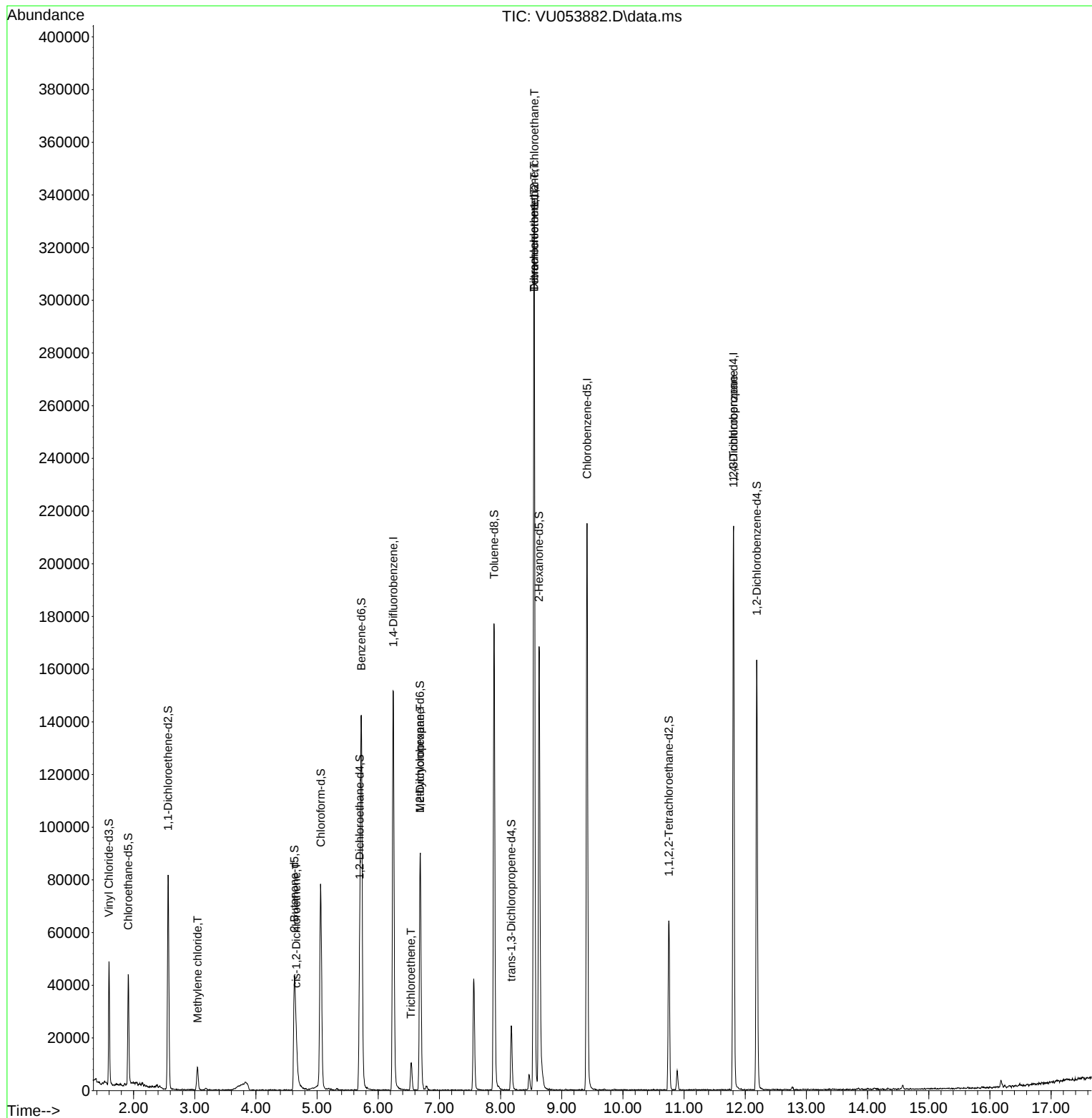
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	133599	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	128498	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	60182	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	34414	4.229	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.600%
7) Chloroethane-d5	1.912	69	31075	4.550	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.000%
11) 1,1-Dichloroethene-d2	2.565	65	15252	4.554	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.000%
20) 2-Butanone-d5	4.629	46	73587	49.373	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.740%
24) Chloroform-d	5.060	84	71583	4.668	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
26) 1,2-Dichloroethane-d4	5.697	65	34881	4.922	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
32) Benzene-d6	5.722	84	145077	4.793	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
36) 1,2-Dichloropropane-d6	6.684	67	46308	5.057	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.200%
41) Toluene-d8	7.893	98	125441	4.440	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
43) trans-1,3-Dichloroprop...	8.176	79	14601	4.054	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.000%
46) 2-Hexanone-d5	8.629	63	61193	48.009	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.020%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	32839	4.437	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.800%
66) 1,2-Dichlorobenzene-d4	12.188	152	45798	4.745	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.800%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.044	84	4649	0.405	ug/L	91
22) cis-1,2-Dichloroethene	4.661	96	2541	0.265	ug/L	84
34) Trichloroethene	6.536	95	3361	0.341	ug/L	90
35) Methylcyclohexane	6.684	83	10869	0.713	ug/L #	22
45) 1,1,2-Trichloroethane	8.552	97	775	0.115	ug/L #	6
47) Tetrachloroethene	8.549	164	76313	9.755	ug/L	98
49) Dibromochloromethane	8.549	129	74474	10.443	ug/L #	10
61) 1,2,3-Trichloropropane	11.806	75	6987	1.506	ug/L #	65

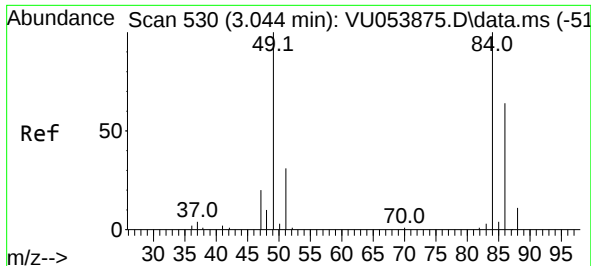
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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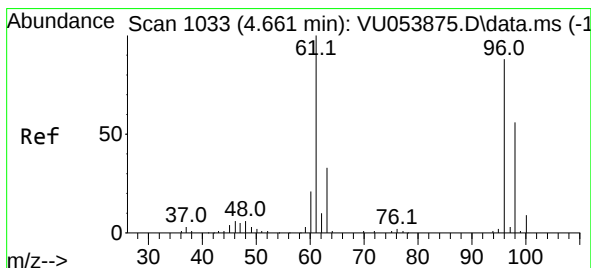
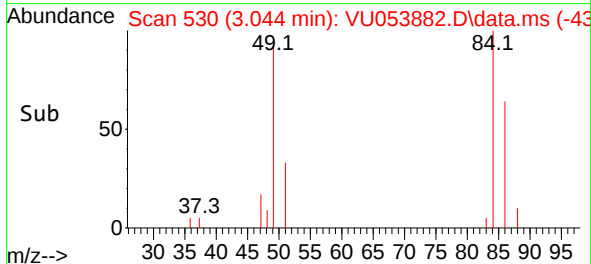
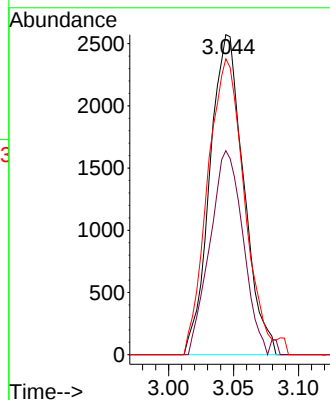
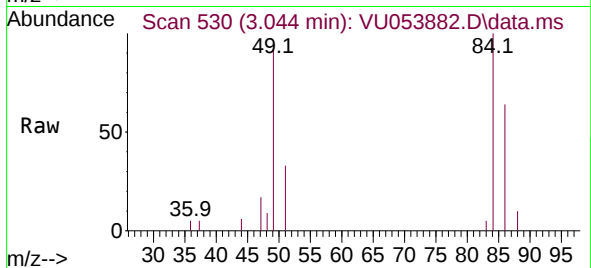




#16
Methylene chloride
Concen: 0.405 ug/L
RT: 3.044 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU053882.D
Acq: 25 Apr 2023 14:25

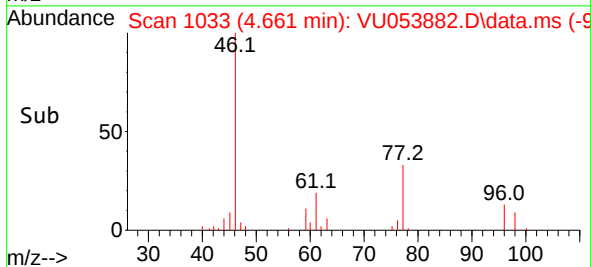
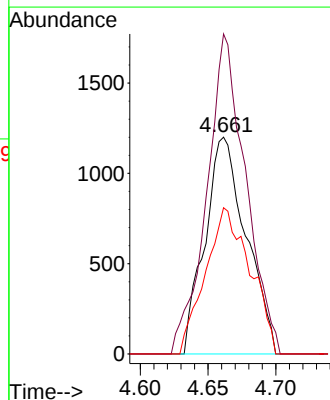
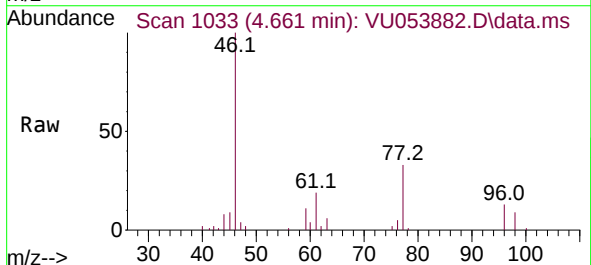
Instrument :
MSVOA_U
ClientSampleId :
BHE55

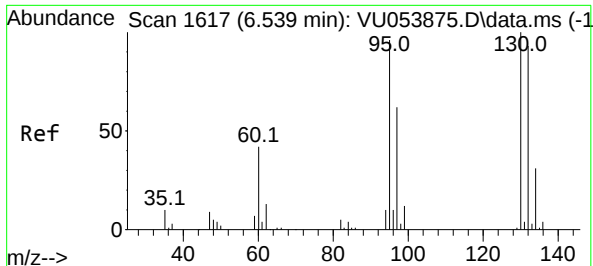
Tgt Ion: 84 Resp: 4649
Ion Ratio Lower Upper
84 100
86 63.8 45.0 83.6
49 92.5 74.8 138.8



#22
cis-1,2-Dichloroethene
Concen: 0.265 ug/L
RT: 4.661 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VU053882.D
Acq: 25 Apr 2023 14:25

Tgt Ion: 96 Resp: 2541
Ion Ratio Lower Upper
96 100
61 147.5 84.3 156.5
98 67.4 46.4 86.2



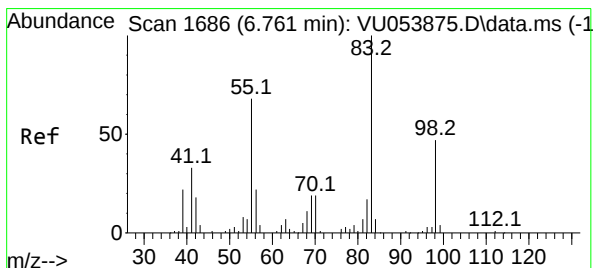
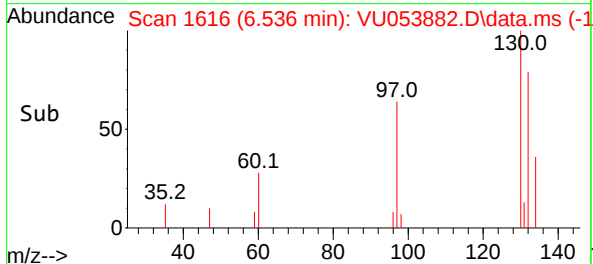
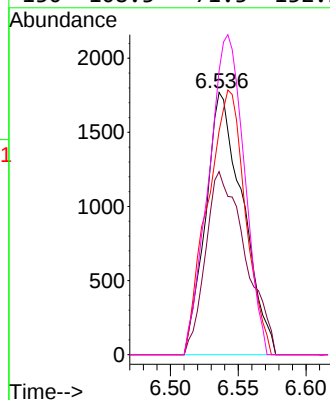
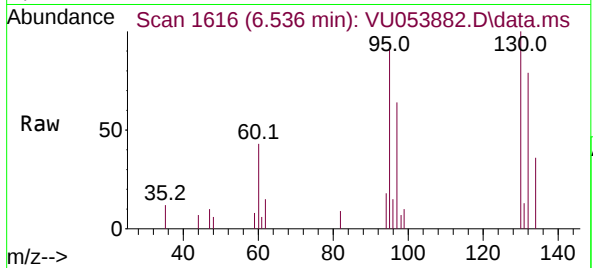


#34
Trichloroethene
Concen: 0.341 ug/L
RT: 6.536 min Scan# 1616
Delta R.T. -0.003 min
Lab File: VU053882.D
Acq: 25 Apr 2023 14:25

Instrument :
MSVOA_U
ClientSampleId :
BHE55

Tgt Ion: 95 Resp: 3361

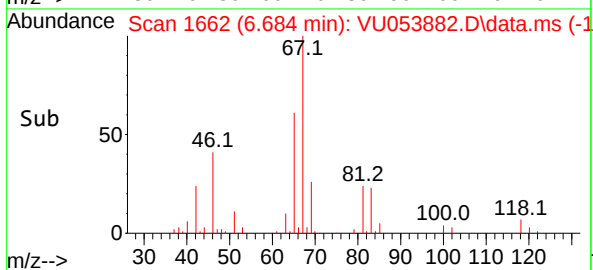
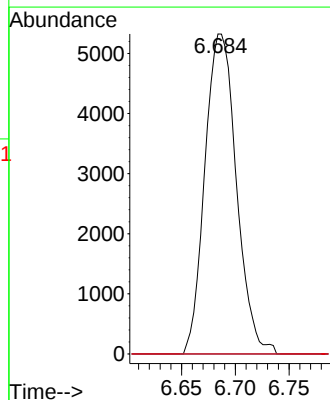
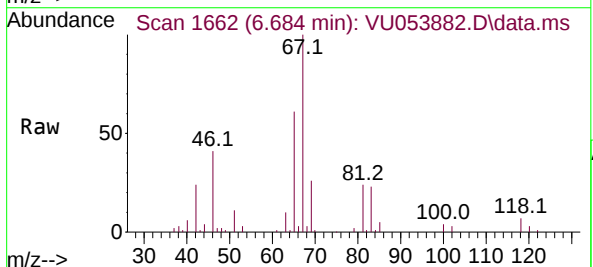
Ion	Ratio	Lower	Upper
95	100		
97	69.8	45.1	83.9
132	85.2	69.9	129.9
130	108.3	71.3	132.3

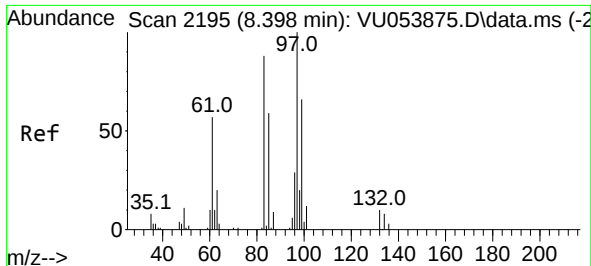


#35
Methylcyclohexane
Concen: 0.713 ug/L
RT: 6.684 min Scan# 1662
Delta R.T. -0.077 min
Lab File: VU053882.D
Acq: 25 Apr 2023 14:25

Tgt Ion: 83 Resp: 10869

Ion	Ratio	Lower	Upper
83	100		
55	0.0	55.4	83.2#
98	1.4	37.3	55.9#

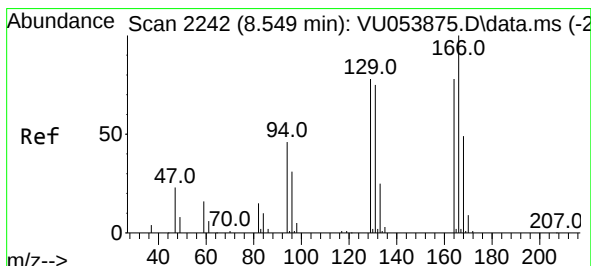
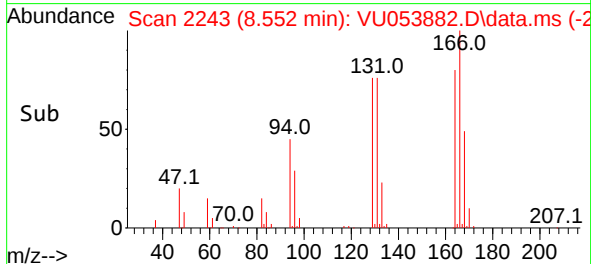
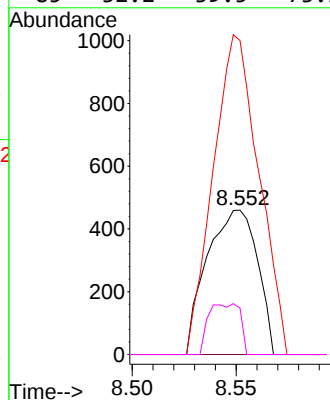
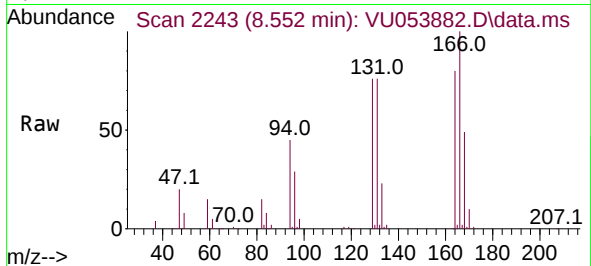




#45
1,1,2-Trichloroethane
Concen: 0.115 ug/L
RT: 8.552 min Scan# 2195
Delta R.T. 0.154 min
Lab File: VU053882.D
Acq: 25 Apr 2023 14:25

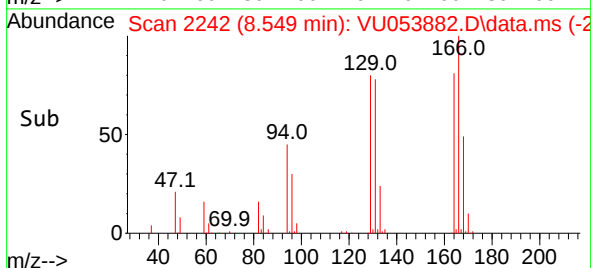
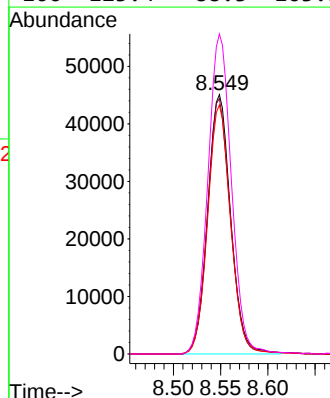
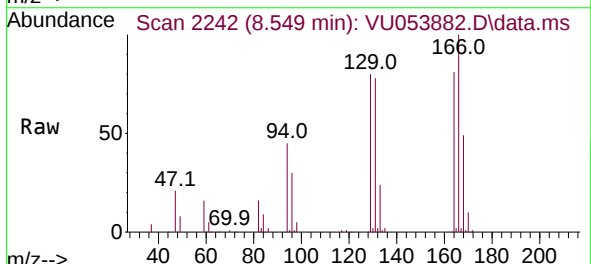
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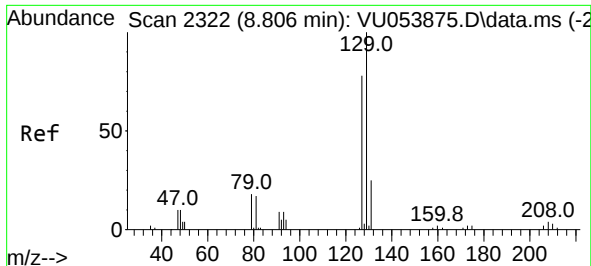
Tgt Ion: 97	Resp: 775
Ion Ratio	Lower Upper
97 100	
99 0.0	44.7 83.1#
83 217.4	59.8 111.1#
85 32.2	39.5 73.3#



#47
Tetrachloroethene
Concen: 9.755 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VU053882.D
Acq: 25 Apr 2023 14:25

Tgt Ion: 164	Resp: 76313
Ion Ratio	Lower Upper
164 100	
129 98.5	68.3 126.8
131 96.0	64.4 119.6
166 123.4	88.3 163.9

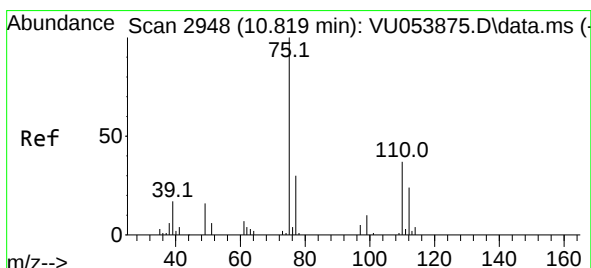
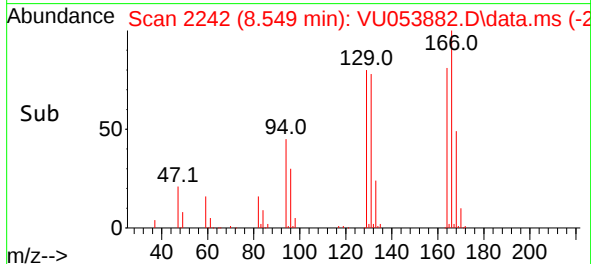
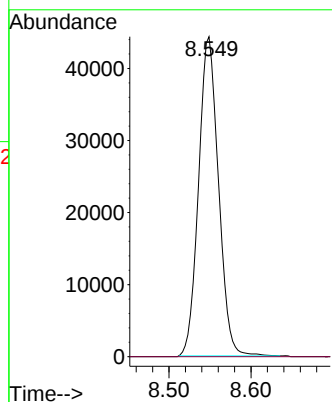
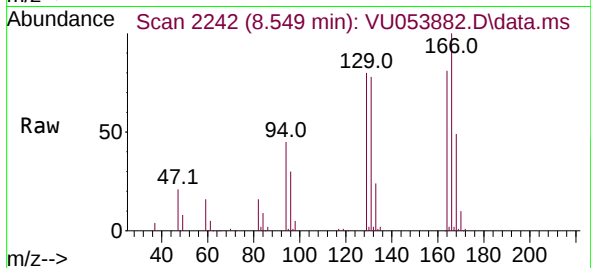




#49
Dibromochloromethane
Concen: 10.443 ug/L
RT: 8.549 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU053882.D
Acq: 25 Apr 2023 14:25

Instrument :
MSVOA_U
ClientSampleId :
BHE55

Tgt Ion:129 Resp: 74474
Ion Ratio Lower Upper
129 100
127 0.0 55.7 103.5#



#61
1,2,3-Trichloropropane
Concen: 1.506 ug/L
RT: 11.806 min Scan# 3255
Delta R.T. 0.987 min
Lab File: VU053882.D
Acq: 25 Apr 2023 14:25

Tgt Ion: 75 Resp: 6987
Ion Ratio Lower Upper
75 100
110 1.4 30.7 46.1#
77 29.9 26.2 39.4

