

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042623\
 Data File : VU053922.D
 Acq On : 26 Apr 2023 18:31
 Operator : JC/MD
 Sample : 02488-12 50X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHE67

Quant Time: Apr 27 05:57:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 27 05:52:18 2023
 Response via : Initial Calibration

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

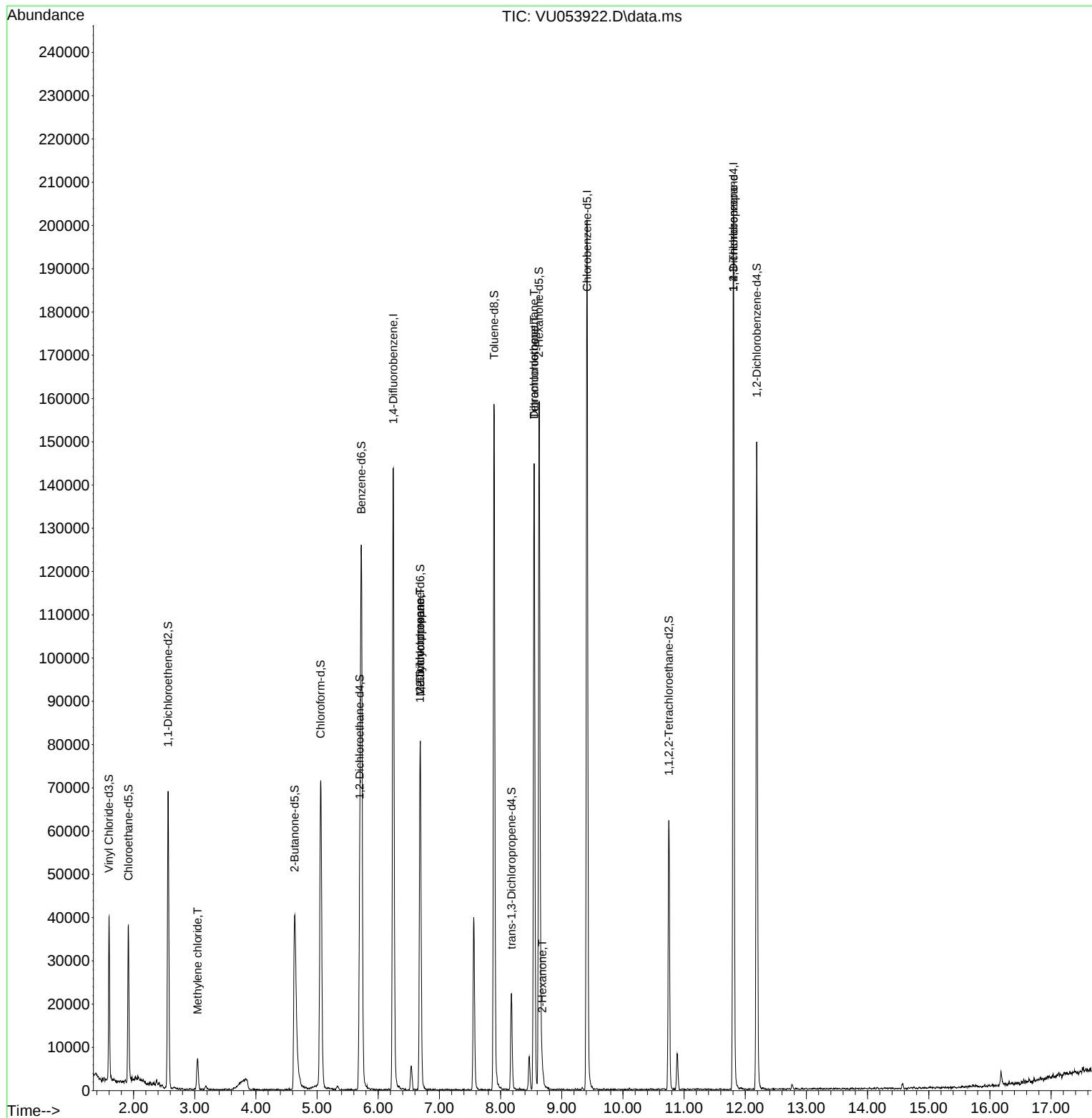
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	126119	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	120228	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	57084	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	28493	3.709	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.200%
7) Chloroethane-d5	1.916	69	27547	4.273	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.400%
11) 1,1-Dichloroethene-d2	2.565	65	13153	4.160	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.200%
20) 2-Butanone-d5	4.633	46	72445	51.490	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.980%
24) Chloroform-d	5.057	84	68382	4.724	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
26) 1,2-Dichloroethane-d4	5.697	65	32211	4.815	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.200%
32) Benzene-d6	5.726	84	128135	4.524	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
36) 1,2-Dichloropropane-d6	6.687	67	41599	4.855	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.000%
41) Toluene-d8	7.893	98	110998	4.199	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.000%
43) trans-1,3-Dichloroprop...	8.179	79	14179	4.208	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.200%
46) 2-Hexanone-d5	8.629	63	57300	48.047	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.100%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	32299	4.665	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.200%
66) 1,2-Dichlorobenzene-d4	12.188	152	43057	4.703	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.000%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.047	84	3892	0.360	ug/L	91
35) Methylcyclohexane	6.687	83	9748	0.683	ug/L #	21
37) 1,2-Dichloropropane	6.684	63	4141	0.493	ug/L #	88
47) Tetrachloroethene	8.549	164	33360	4.558	ug/L	98
48) 2-Hexanone	8.681	43	2144	0.744	ug/L #	77
49) Dibromochloromethane	8.549	129	32135	4.816	ug/L #	10
61) 1,2,3-Trichloropropane	11.806	75	6775	1.539	ug/L #	65

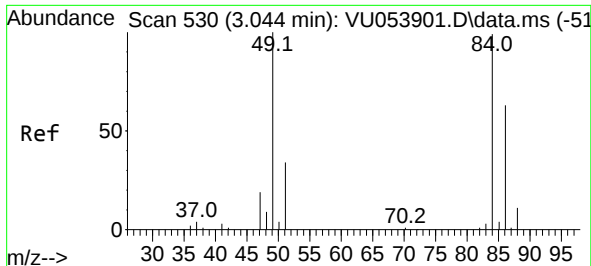
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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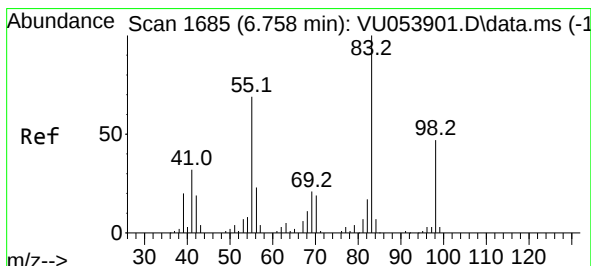
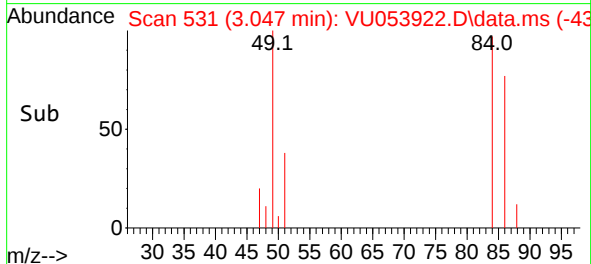
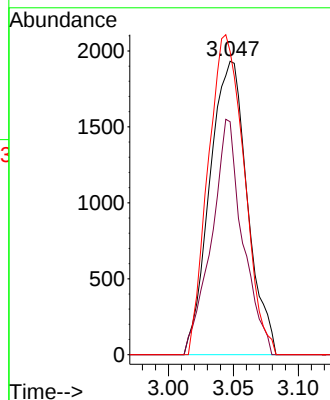
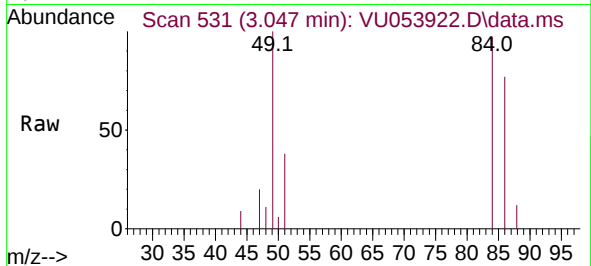




#16
Methylene chloride
Concen: 0.360 ug/L
RT: 3.047 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU053922.D
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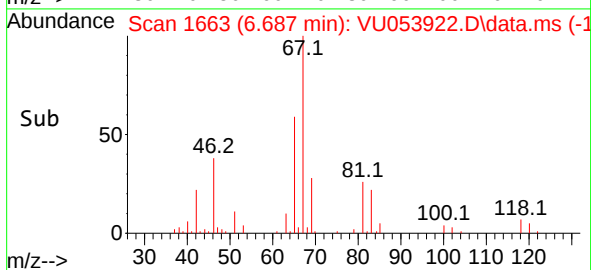
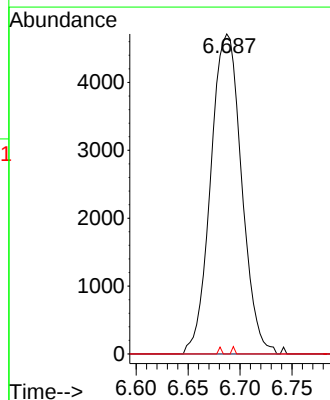
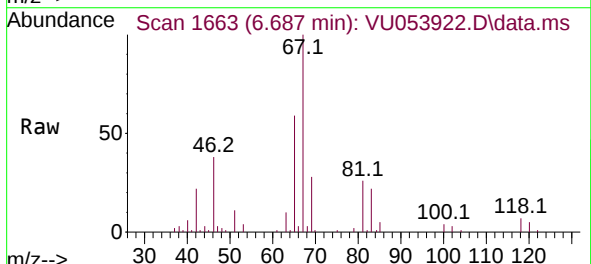
Instrument :
MSVOA_U
ClientSampleId :
BHE67

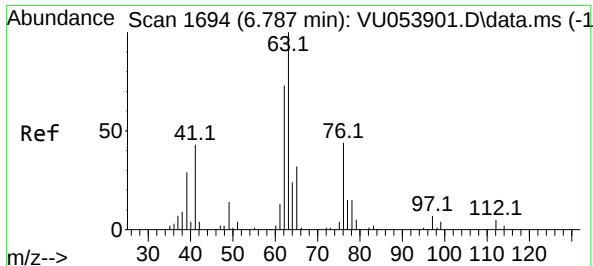
Tgt Ion: 84 Resp: 3892
Ion Ratio Lower Upper
84 100
86 79.4 45.0 83.6
49 103.3 74.8 138.8



#35
Methylcyclohexane
Concen: 0.683 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.071 min
Lab File: VU053922.D
Acq: 26 Apr 2023 18:31

Tgt Ion: 83 Resp: 9748
Ion Ratio Lower Upper
83 100
55 0.0 55.4 83.2#
98 0.2 37.3 55.9#

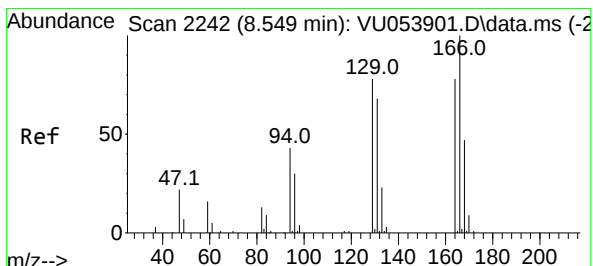
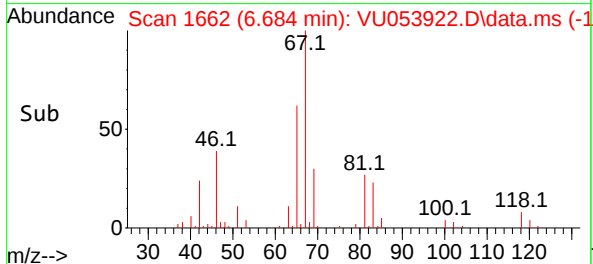
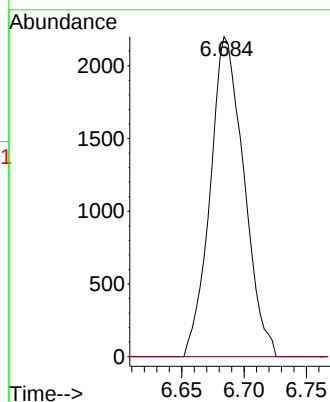
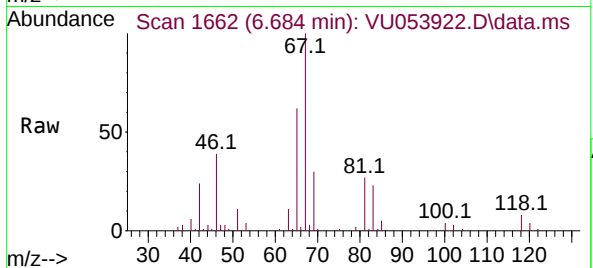




#37
1,2-Dichloropropane
Concen: 0.493 ug/L
RT: 6.684 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU053922.D
Acq: 26 Apr 2023 18:31

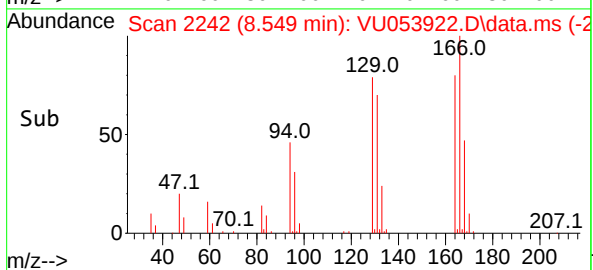
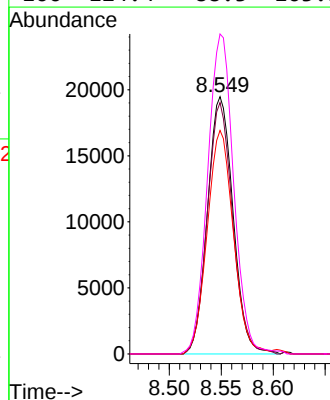
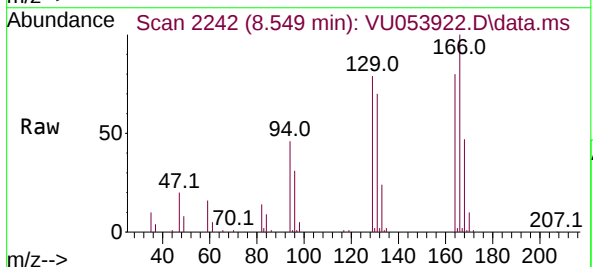
Instrument :
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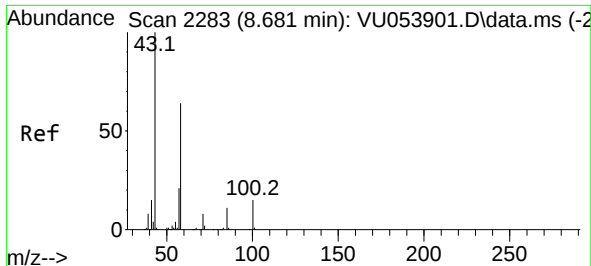
Tgt Ion: 63 Resp: 4141
Ion Ratio Lower Upper
63 100
112 0.5 3.5 5.3#



#47
Tetrachloroethene
Concen: 4.558 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VU053922.D
Acq: 26 Apr 2023 18:31

Tgt Ion:164 Resp: 33360
Ion Ratio Lower Upper
164 100
129 97.7 68.3 126.8
131 86.9 64.4 119.6
166 124.4 88.3 163.9

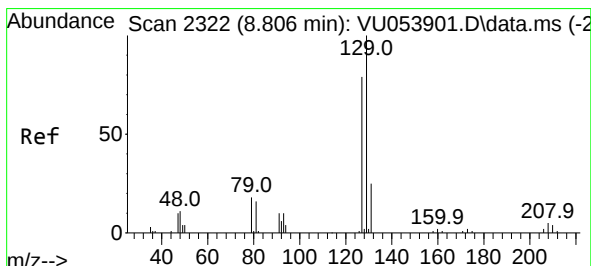
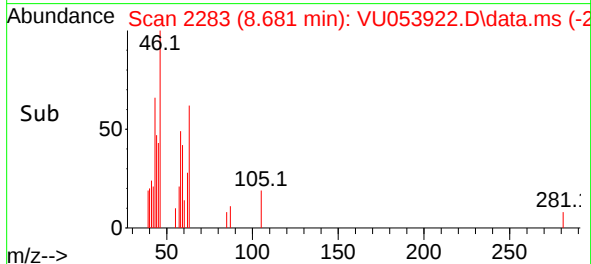
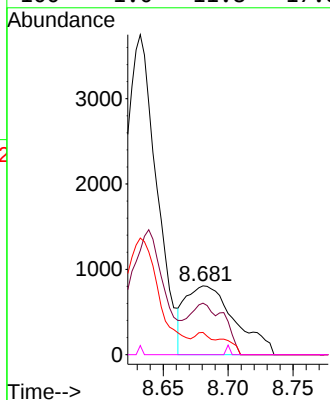
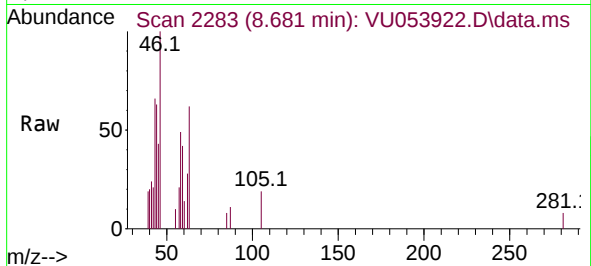




#48
2-Hexanone
Concen: 0.744 ug/L
RT: 8.681 min Scan# 2144
Delta R.T. 0.000 min
Lab File: VU053922.D
Acq: 26 Apr 2023 18:31

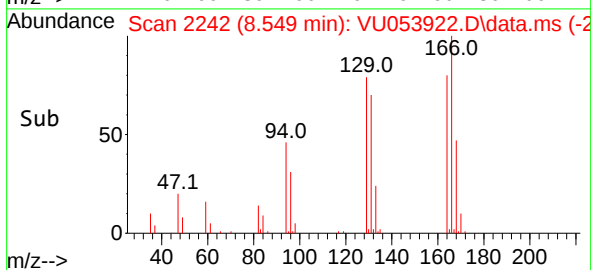
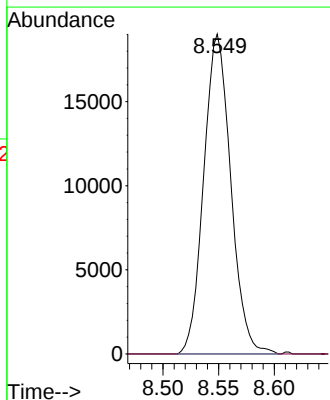
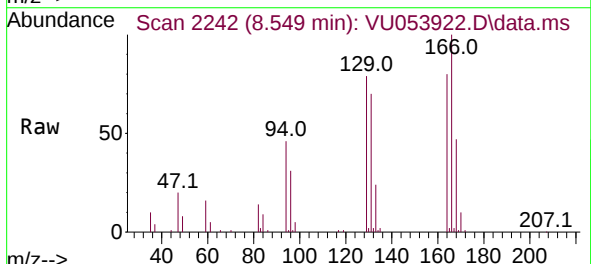
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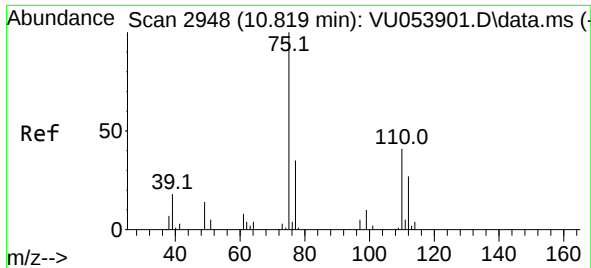
Tgt Ion: 43	Resp: 2144
Ion Ratio	Lower Upper
43 100	
58 52.6	49.8 74.6
57 0.0	16.9 25.3#
100 1.0	11.8 17.8#



#49
Dibromochloromethane
Concen: 4.816 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.257 min
Lab File: VU053922.D
Acq: 26 Apr 2023 18:31

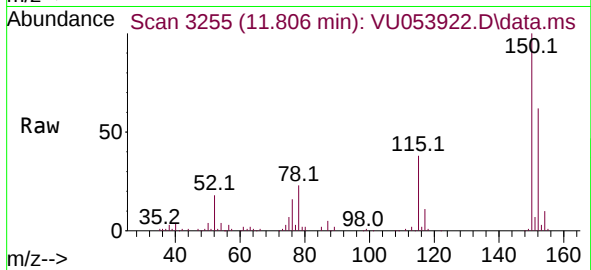
Tgt Ion:129	Resp:	32135	
Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.7	103.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.539 ug/L
 RT: 11.806 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU053922.D
 Acq: 26 Apr 2023 18:31

Instrument :
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 ClientSampleId :
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Tgt Ion: 75 Resp: 6775
 Ion Ratio Lower Upper
 75 100
 110 0.0 30.7 46.1#
 77 34.0 26.2 39.4

