

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041723\
 Data File : VU053733.D
 Acq On : 17 Apr 2023 17:44
 Operator : JC/MD
 Sample : 02340-06DL 200X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHE08DL

Quant Time: Apr 18 00:22:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 18 00:19:36 2023
 Response via : Initial Calibration

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

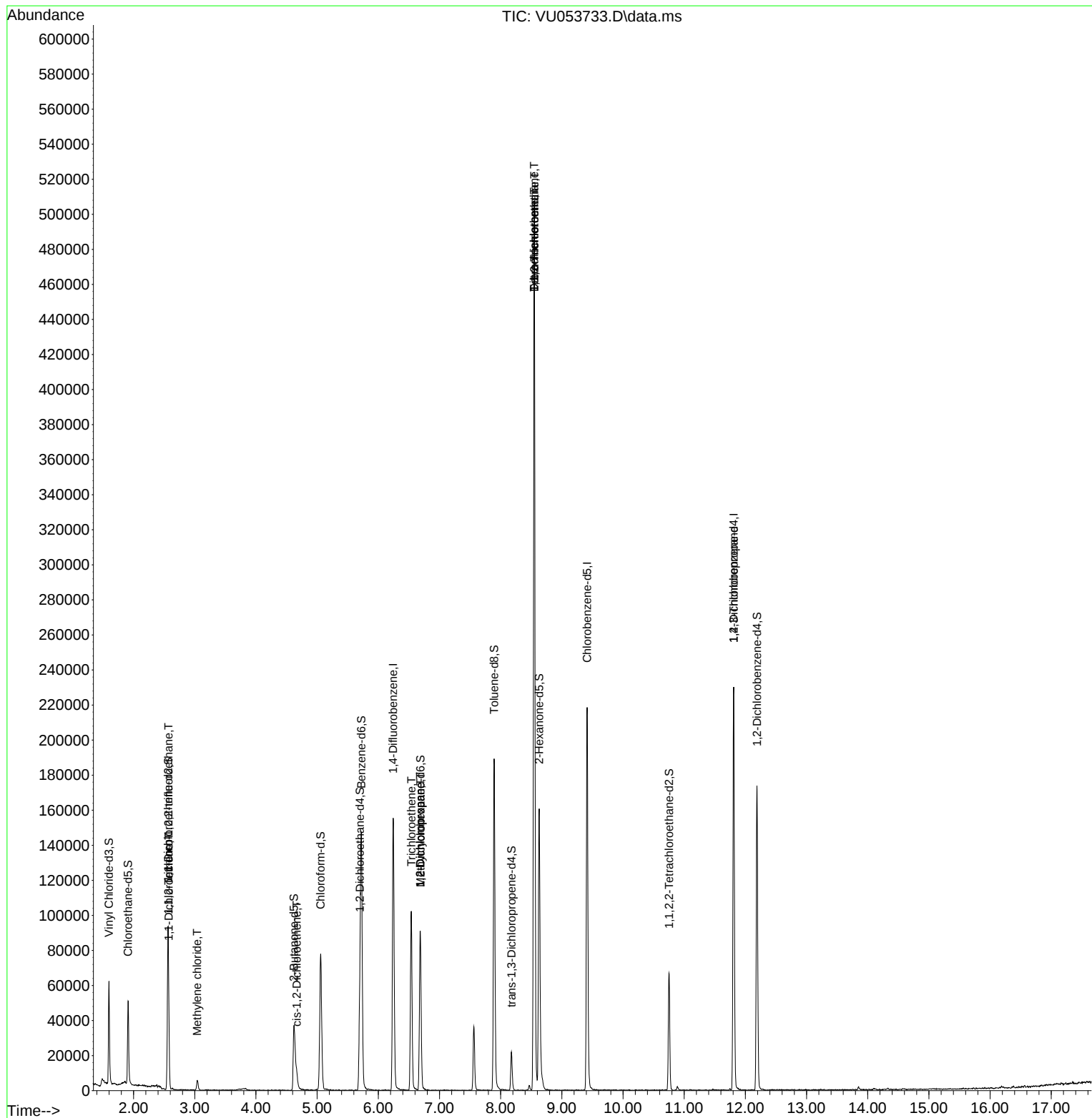
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	132601	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	129706	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	62984	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	43788	4.800	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	96.000%	
7) Chloroethane-d5	1.909	69	36434	4.401	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	88.000%	
11) 1,1-Dichloroethene-d2	2.565	65	16688	4.294	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	85.800%	
20) 2-Butanone-d5	4.620	46	56432	27.004	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	54.000%	
24) Chloroform-d	5.057	84	72970	4.315	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.200%	
26) 1,2-Dichloroethane-d4	5.700	65	34629	3.996	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	80.000%	
32) Benzene-d6	5.723	84	148228	4.033	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	80.600%	
36) 1,2-Dichloropropane-d6	6.687	67	45995	4.106	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	82.200%	
41) Toluene-d8	7.893	98	133789	3.858	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	77.200%	
43) trans-1,3-Dichloroprop...	8.176	79	13261	3.085	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	61.800%	
46) 2-Hexanone-d5	8.629	63	58154	33.309	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	66.620%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	33366	3.579	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	71.600%	
66) 1,2-Dichlorobenzene-d4	12.192	152	48835	4.310	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	86.200%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	1644	0.199	ug/L #	69
12) 1,1-Dichloroethene	2.575	96	1818	0.242	ug/L #	1
16) Methylene chloride	3.038	84	2985	0.303	ug/L	99
22) cis-1,2-Dichloroethene	4.668	96	3787	0.360	ug/L	85
34) Trichloroethene	6.539	95	35414	3.827	ug/L	92
35) Methylcyclohexane	6.687	83	10139	0.638	ug/L #	22
37) 1,2-Dichloropropane	6.684	63	4818	0.525	ug/L #	89
45) 1,1,2-Trichloroethane	8.552	97	880	0.135	ug/L #	21
47) Tetrachloroethene	8.549	164	110739	16.285	ug/L	94
49) Dibromochloromethane	8.549	129	106014	16.454	ug/L #	12
61) 1,2,3-Trichloropropane	11.809	75	7778	1.490	ug/L #	67

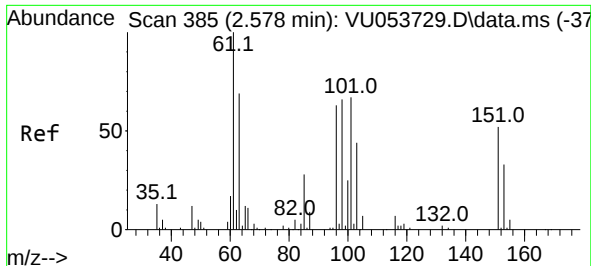
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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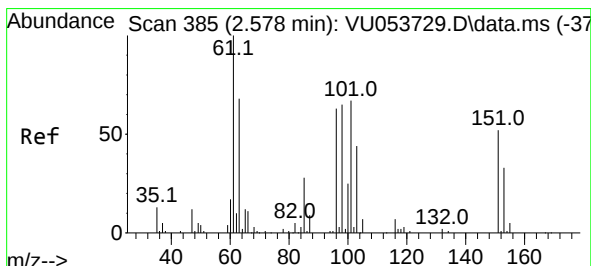
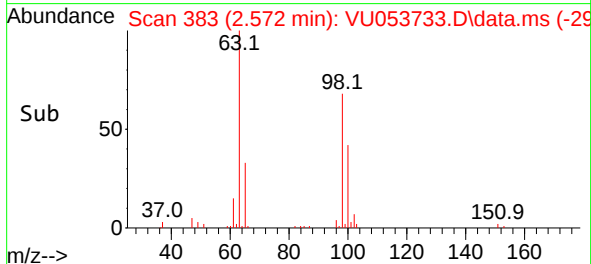
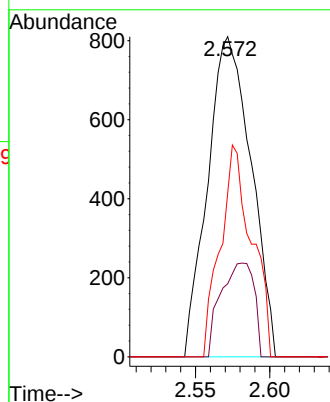
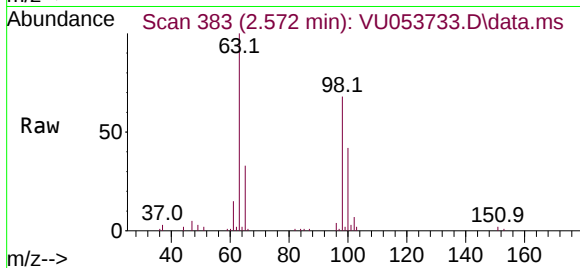




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.199 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.006 min
 Lab File: VU053733.D
 Acq: 17 Apr 2023 17:44

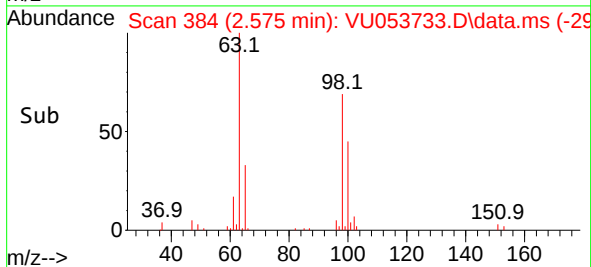
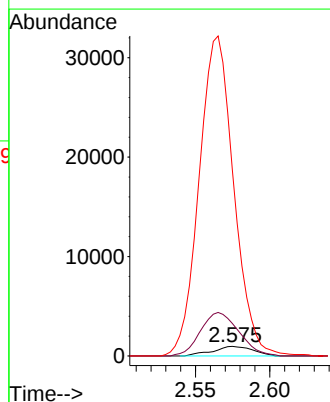
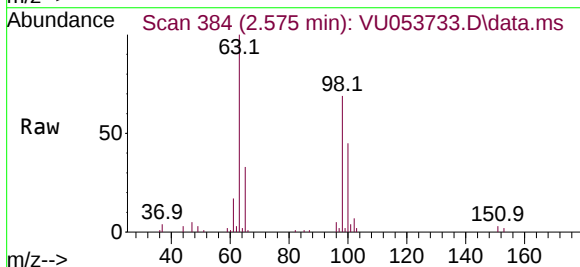
Instrument :
 MSVOA_U
 ClientSampleId :
 BHE08DL

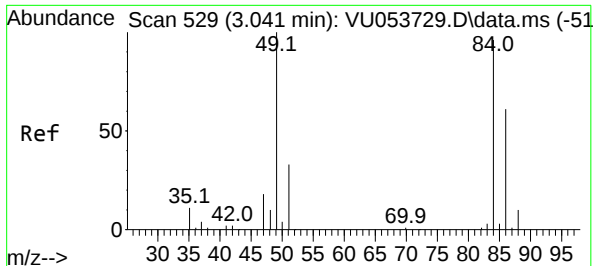
Tgt Ion:101 Resp: 1644
 Ion Ratio Lower Upper
 101 100
 85 22.4 37.0 55.4#
 151 47.8 56.8 85.2#



#12
 1,1-Dichloroethene
 Concen: 0.242 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.003 min
 Lab File: VU053733.D
 Acq: 17 Apr 2023 17:44

Tgt Ion: 96 Resp: 1818
 Ion Ratio Lower Upper
 96 100
 61 338.8 116.8 216.8#
 63 1939.4 88.6 164.6#

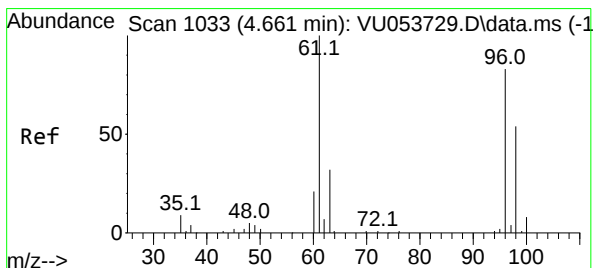
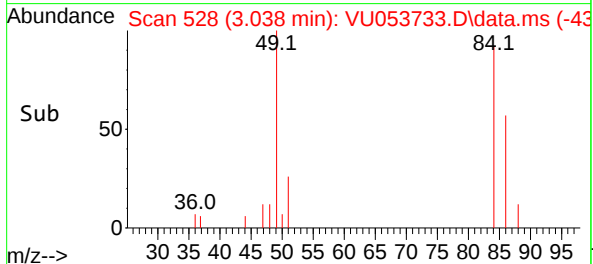
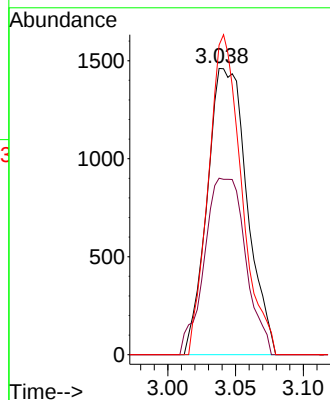
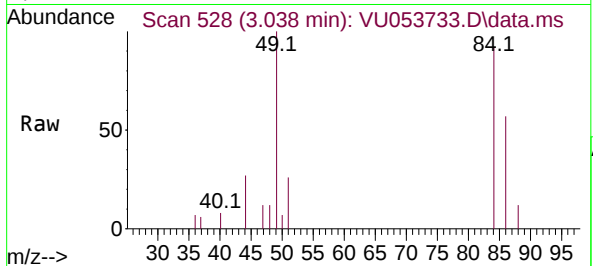




#16
Methylene chloride
Concen: 0.303 ug/L
RT: 3.038 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU053733.D
Acq: 17 Apr 2023 17:44

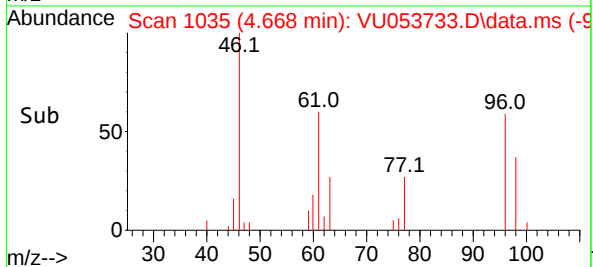
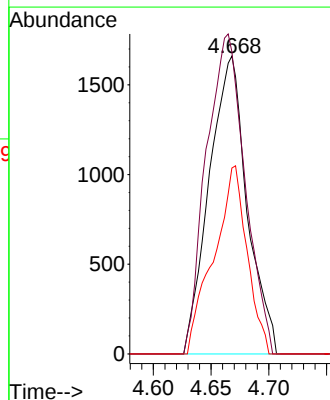
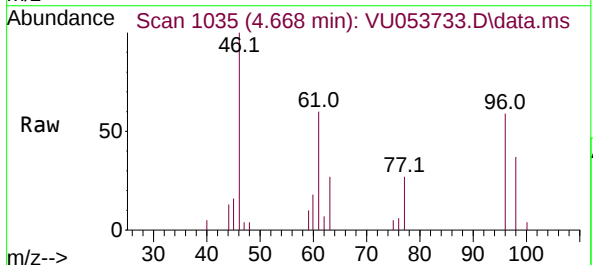
Instrument :
MSVOA_U
ClientSampleId :
BHE08DL

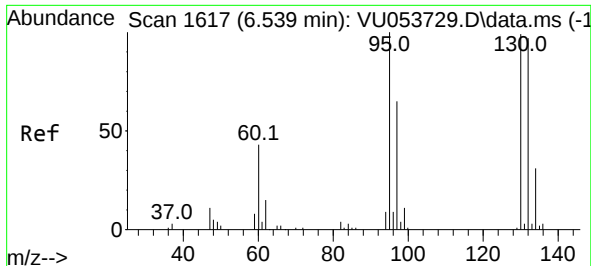
Tgt Ion:	84	Resp:	2985
Ion	Ratio	Lower	Upper
84	100		
86	61.7	44.7	83.1
49	108.1	75.5	140.1



#22
cis-1,2-Dichloroethene
Concen: 0.360 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. 0.007 min
Lab File: VU053733.D
Acq: 17 Apr 2023 17:44

Tgt Ion:	96	Resp:	3787
Ion	Ratio	Lower	Upper
96	100		
61	101.4	86.6	160.8
98	62.4	47.7	88.5

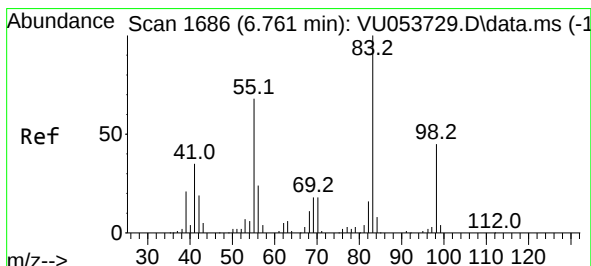
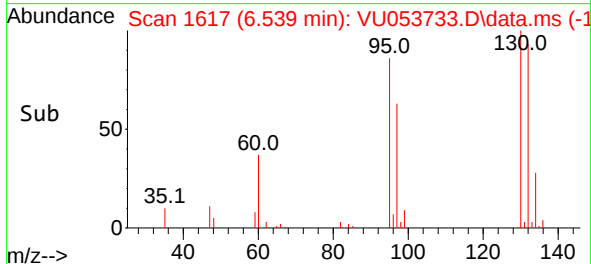
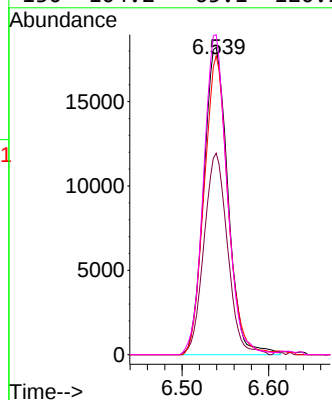
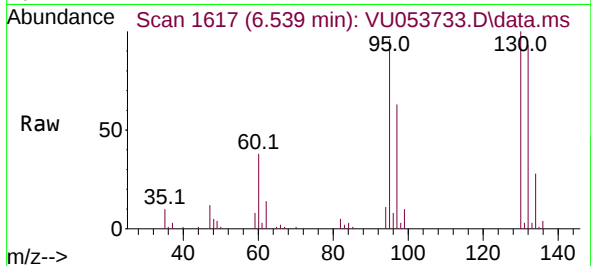




#34
Trichloroethene
Concen: 3.827 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU053733.D
Acq: 17 Apr 2023 17:44

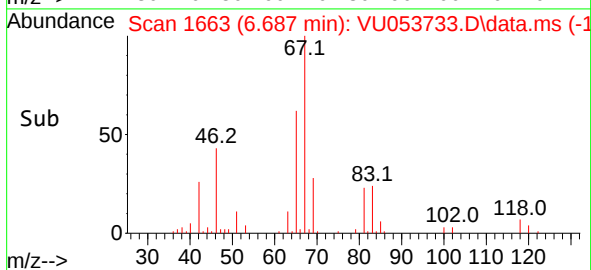
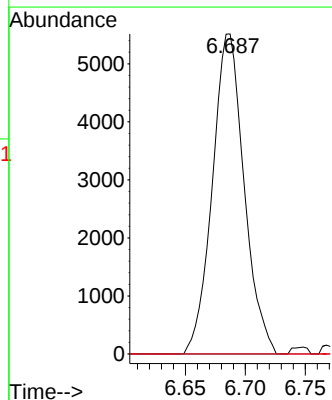
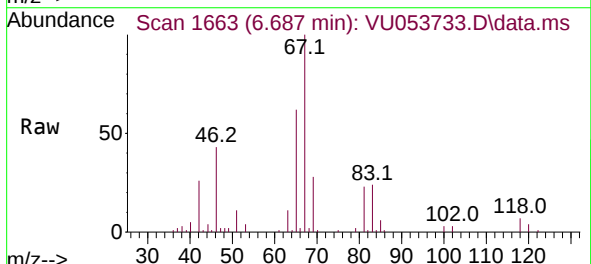
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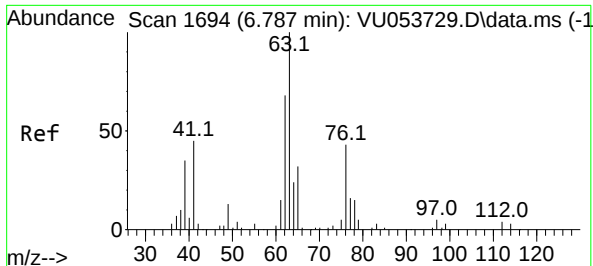
Tgt Ion: 95 Resp: 35414
Ion Ratio Lower Upper
95 100
97 65.6 45.3 84.1
132 97.3 62.8 116.6
130 104.2 65.1 120.9



#35
Methylcyclohexane
Concen: 0.638 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU053733.D
Acq: 17 Apr 2023 17:44

Tgt Ion: 83 Resp: 10139
Ion Ratio Lower Upper
83 100
55 0.0 54.9 82.3#
98 0.0 34.9 52.3#

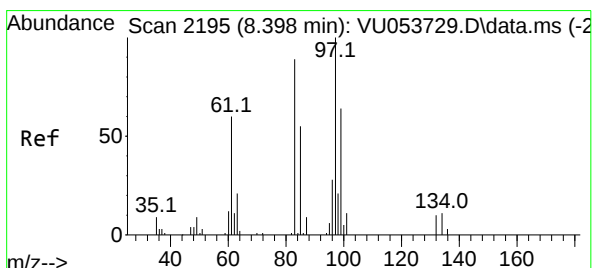
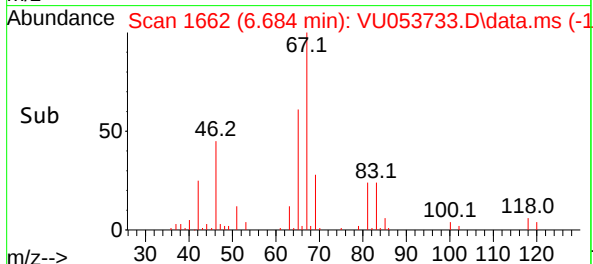
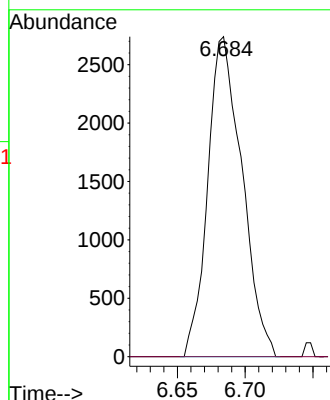
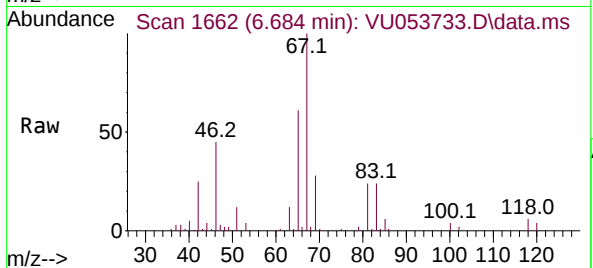




#37
1,2-Dichloropropane
Concen: 0.525 ug/L
RT: 6.684 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU053733.D
Acq: 17 Apr 2023 17:44

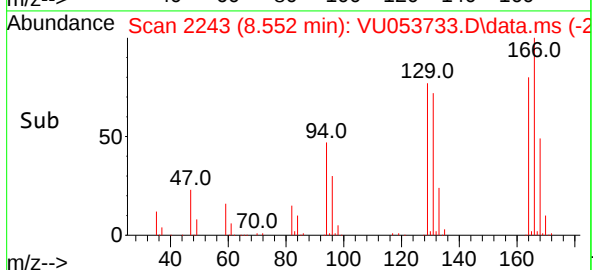
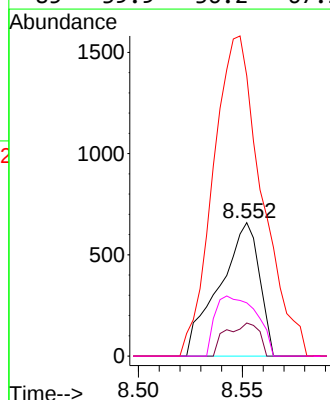
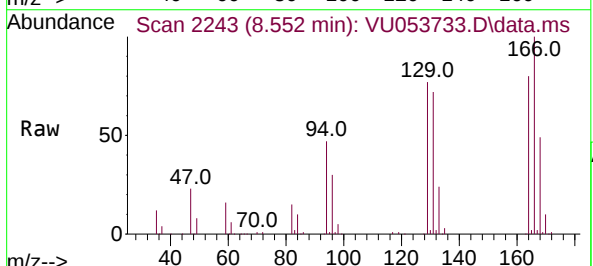
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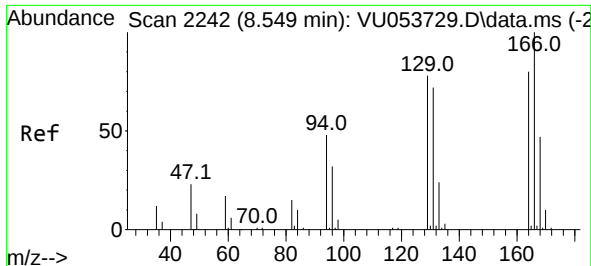
Tgt Ion: 63 Resp: 4818
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



#45
1,1,2-Trichloroethane
Concen: 0.135 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.155 min
Lab File: VU053733.D
Acq: 17 Apr 2023 17:44

Tgt Ion: 97 Resp: 880
Ion Ratio Lower Upper
97 100
99 24.7 38.9 72.2#
83 210.0 57.6 107.0#
85 39.9 36.2 67.2

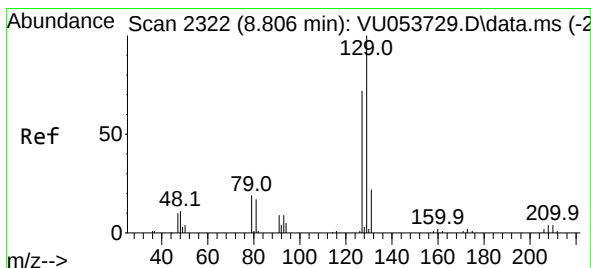
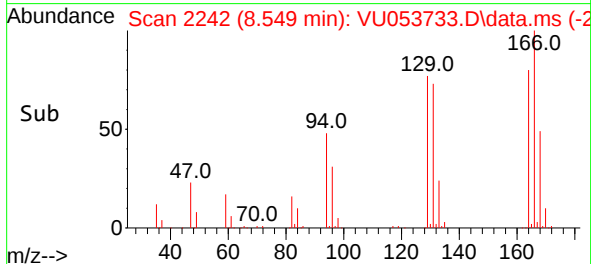
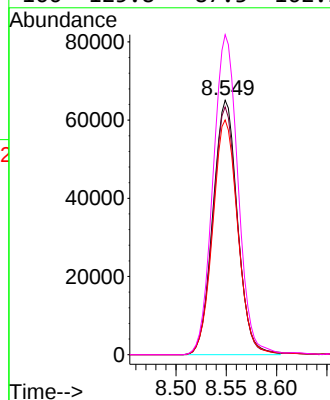
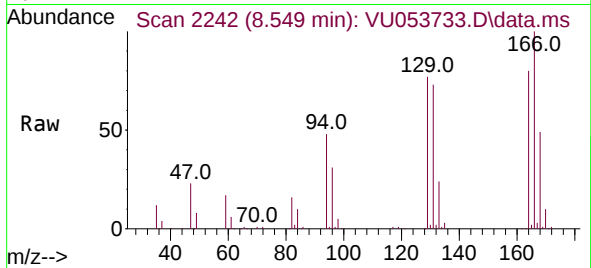




#47
Tetrachloroethene
Concen: 16.285 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VU053733.D
Acq: 17 Apr 2023 17:44

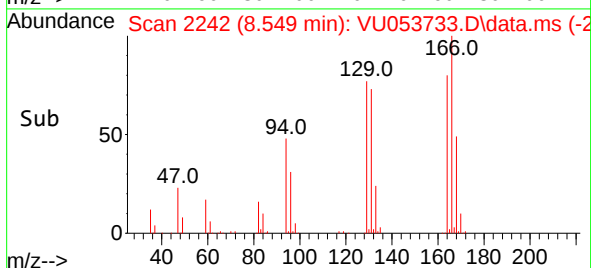
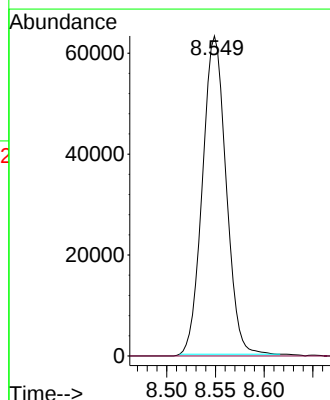
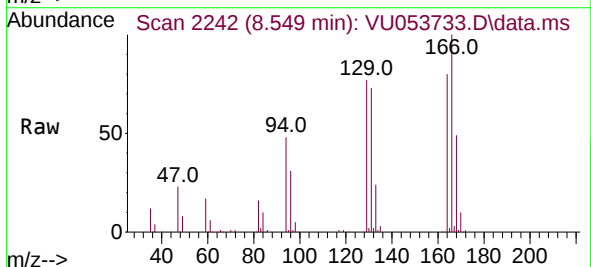
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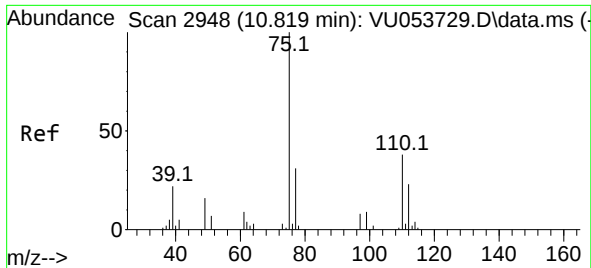
Tgt Ion:164 Resp: 110739
Ion Ratio Lower Upper
164 100
129 97.4 74.8 138.8
131 92.3 70.1 130.1
166 125.8 87.3 162.1



#49
Dibromochloromethane
Concen: 16.454 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.257 min
Lab File: VU053733.D
Acq: 17 Apr 2023 17:44

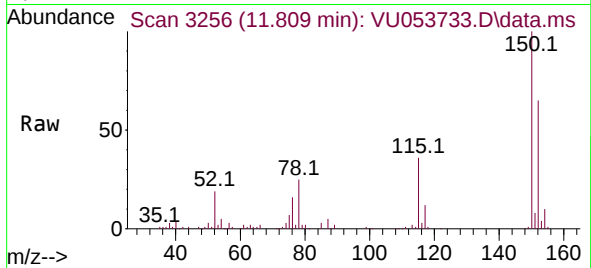
Tgt Ion:129 Resp: 106014
Ion Ratio Lower Upper
129 100
127 0.0 52.2 97.0#





#61
 1,2,3-Trichloropropane
 Concen: 1.490 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU053733.D
 Acq: 17 Apr 2023 17:44

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Tgt Ion:	75	Resp:	7778
Ion	Ratio	Lower	Upper
75	100		
110	2.3	30.6	46.0#
77	33.5	26.1	39.1

