

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU083123\
 Data File : VU055029.D
 Acq On : 31 Aug 2023 18:28
 Operator : MD/SY
 Sample : 04153-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH476

Quant Time: Sep 01 05:03:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 01 04:57:47 2023
 Response via : Initial Calibration

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

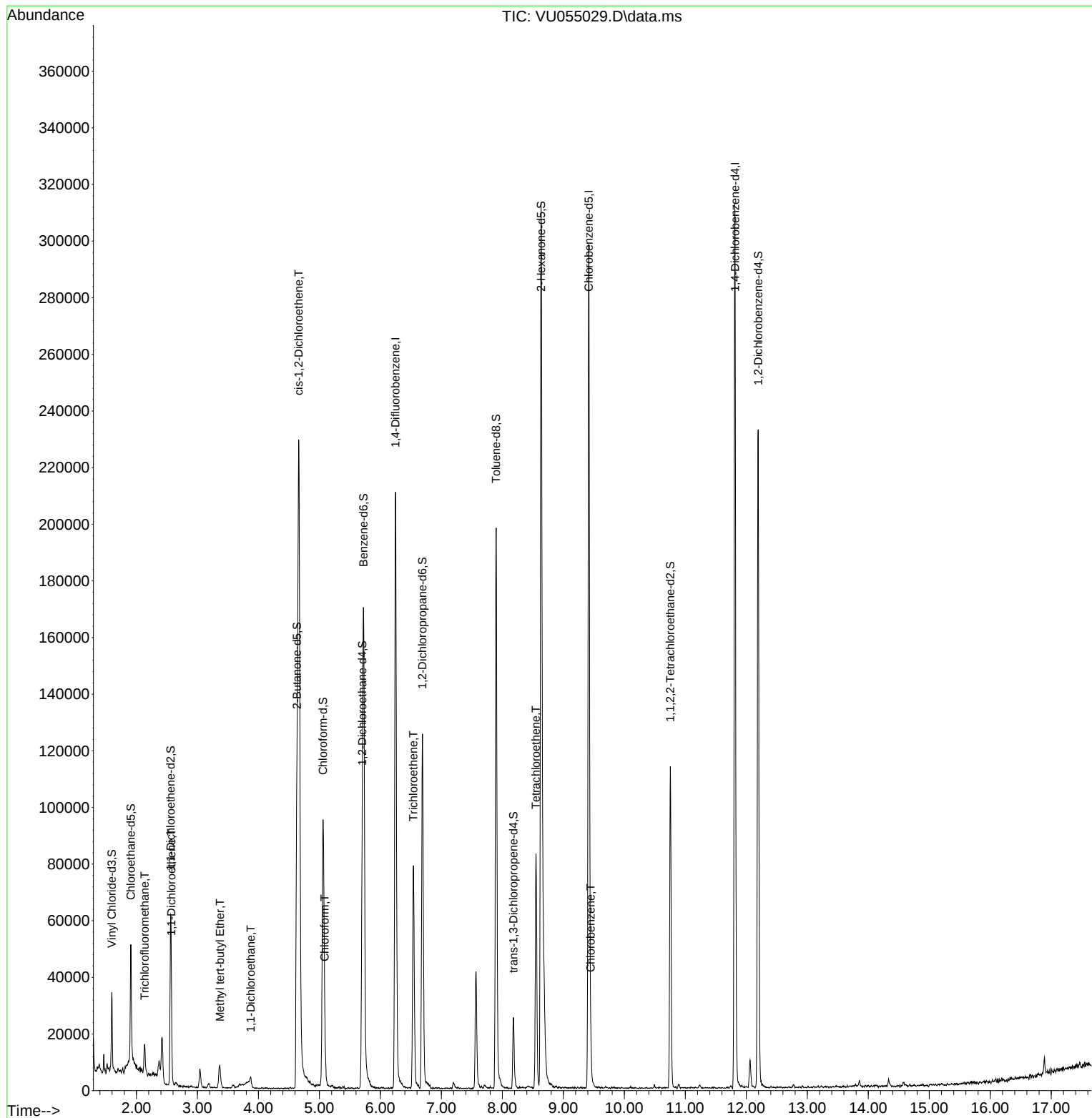
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	171222	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	163412	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	80400	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	17714	3.278	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.600%
7) Chloroethane-d5	1.908	69	27764	3.977	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.600%
11) 1,1-Dichloroethene-d2	2.560	65	11551	3.782	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.600%
20) 2-Butanone-d5	4.631	46	170238	58.359	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.720%
24) Chloroform-d	5.059	84	86507	4.315	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.400%
26) 1,2-Dichloroethane-d4	5.702	65	49706	4.660	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
32) Benzene-d6	5.724	84	153864	4.189	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.800%
36) 1,2-Dichloropropane-d6	6.689	67	56918	4.406	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.200%
41) Toluene-d8	7.898	98	132754	3.774	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.400%
43) trans-1,3-Dichloroprop...	8.181	79	14481	3.406	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.200%
46) 2-Hexanone-d5	8.634	63	101678	50.387	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.780%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	55090	4.973	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.400%
66) 1,2-Dichlorobenzene-d4	12.193	152	58970	4.594	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.800%
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.133	101	5946	0.364	ug/L	100
12) 1,1-Dichloroethene	2.573	96	1328	0.172	ug/L #	1
17) Methyl tert-butyl Ether	3.367	73	7788	0.346	ug/L #	91
19) 1,1-Dichloroethane	3.872	63	4888	0.276	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	97287	9.658	ug/L	95
25) Chloroform	5.088	83	7791	0.401	ug/L	88
34) Trichloroethene	6.541	95	26878	2.516	ug/L	95
47) Tetrachloroethene	8.550	164	17200	2.240	ug/L	98
51) Chlorobenzene	9.447	112	4316	0.155	ug/L	88

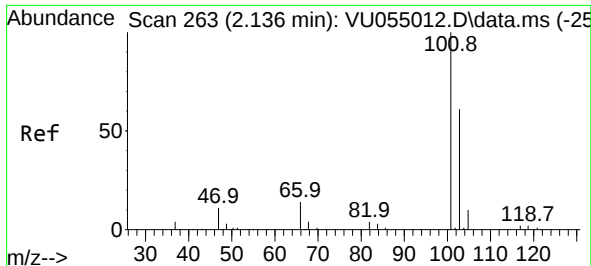
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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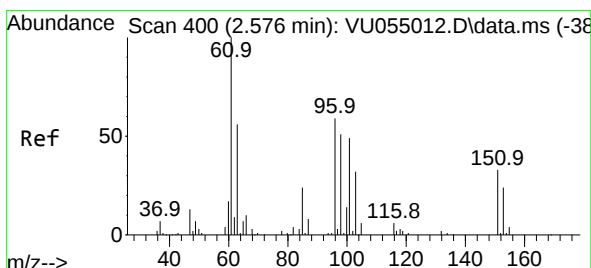
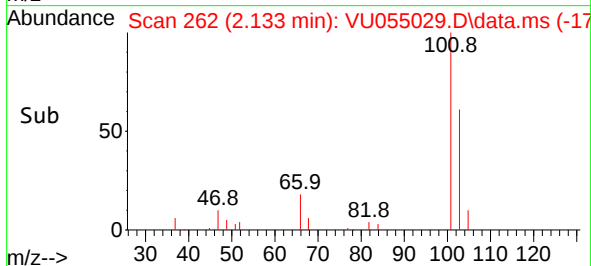
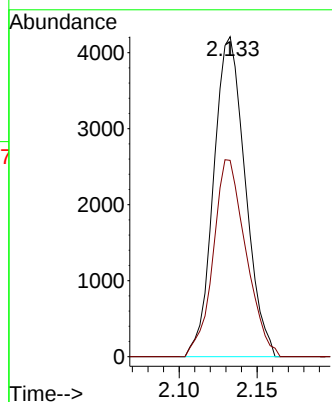
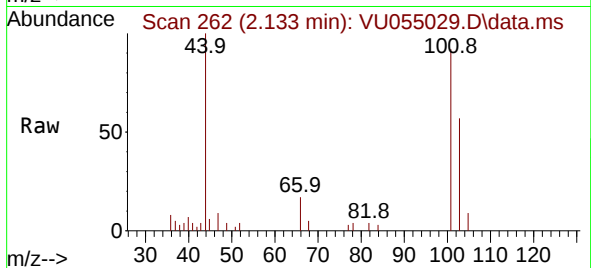




#9
 Trichlorofluoromethane
 Concen: 0.364 ug/L
 RT: 2.133 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VU055029.D
 Acq: 31 Aug 2023 18:28

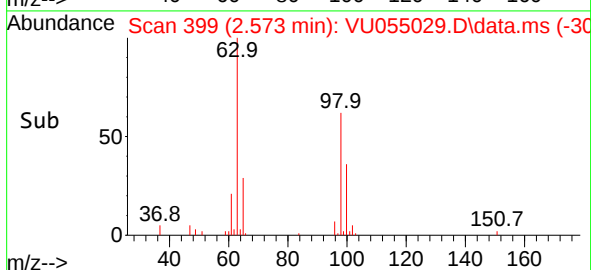
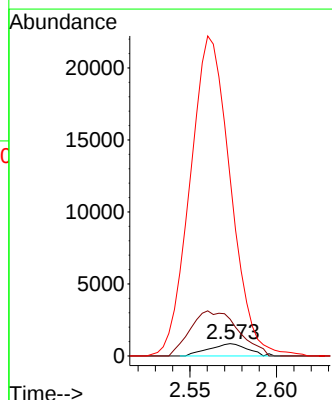
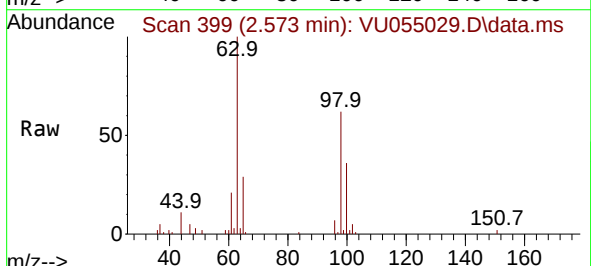
Instrument :
 MSVOA_U
 ClientSampleId :
 BH476

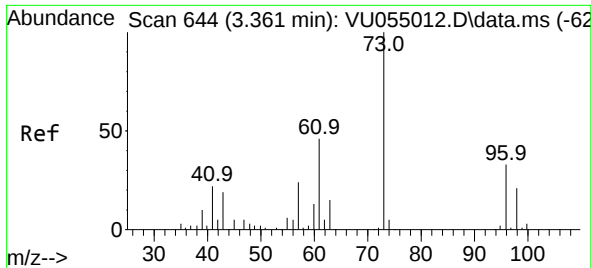
Tgt Ion:101 Resp: 5946
 Ion Ratio Lower Upper
 101 100
 103 63.6 51.0 76.4



#12
 1,1-Dichloroethene
 Concen: 0.172 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.003 min
 Lab File: VU055029.D
 Acq: 31 Aug 2023 18:28

Tgt Ion: 96 Resp: 1328
 Ion Ratio Lower Upper
 96 100
 61 299.3 132.4 245.8#
 63 1447.3 82.5 153.1#

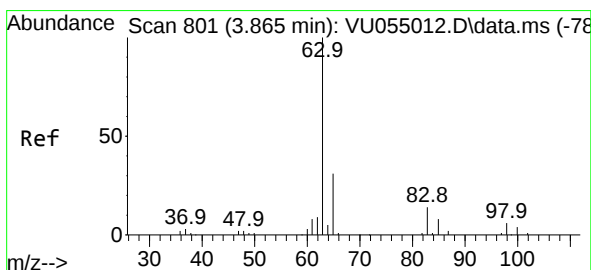
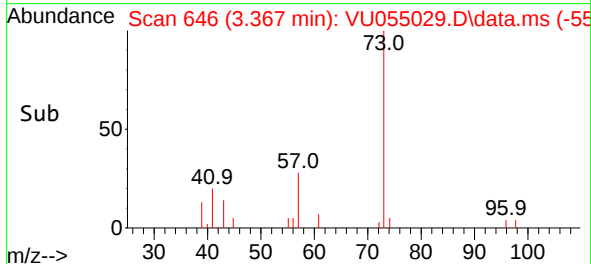
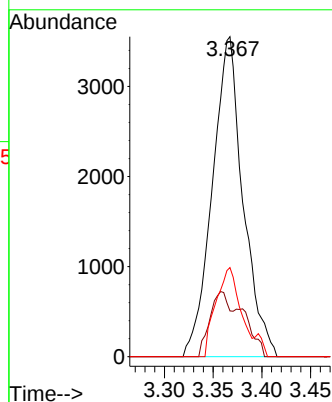
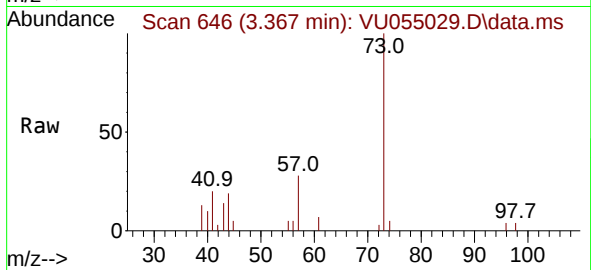




#17
Methyl tert-butyl Ether
Concen: 0.346 ug/L
RT: 3.367 min Scan# 644
Delta R.T. 0.007 min
Lab File: VU055029.D
Acq: 31 Aug 2023 18:28

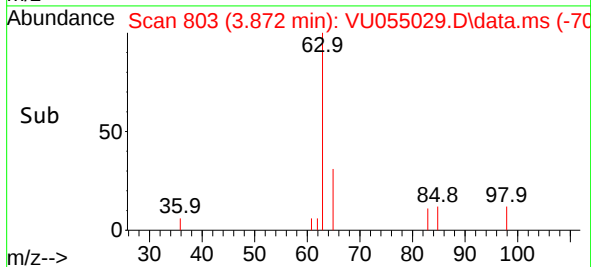
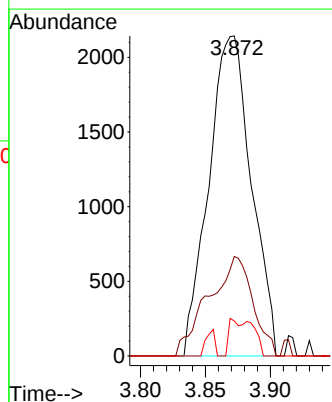
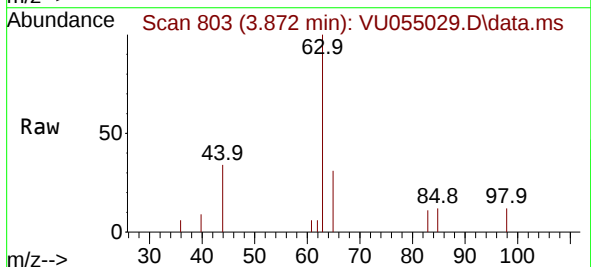
Instrument :
MSVOA_U
ClientSampleId :
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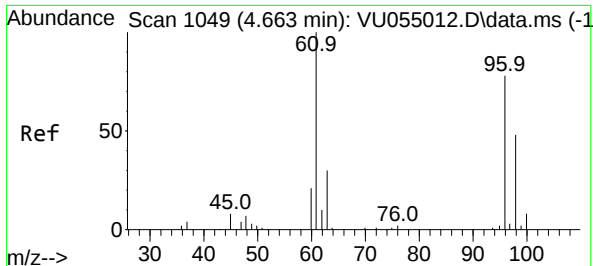
Tgt Ion: 73 Resp: 7788
Ion Ratio Lower Upper
73 100
43 13.8 16.2 24.2#
57 24.0 17.4 26.0



#19
1,1-Dichloroethane
Concen: 0.276 ug/L
RT: 3.872 min Scan# 803
Delta R.T. 0.007 min
Lab File: VU055029.D
Acq: 31 Aug 2023 18:28

Tgt Ion: 63 Resp: 4888
Ion Ratio Lower Upper
63 100
65 31.1 22.5 41.7
83 11.0 9.5 17.7





#22

cis-1,2-Dichloroethene

Concen: 9.658 ug/L

RT: 4.660 min Scan# 1108

Delta R.T. -0.003 min

Lab File: VU055029.D

Acq: 31 Aug 2023 18:28

Instrument :

MSVOA_U

ClientSampleId :

BH476

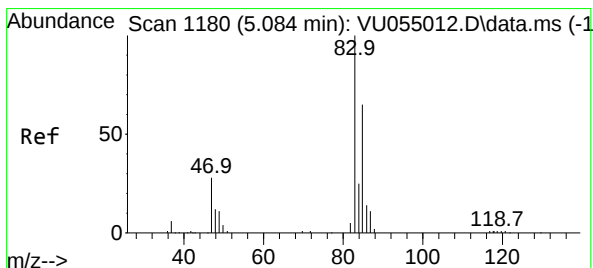
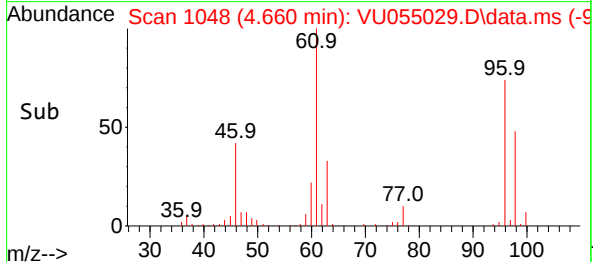
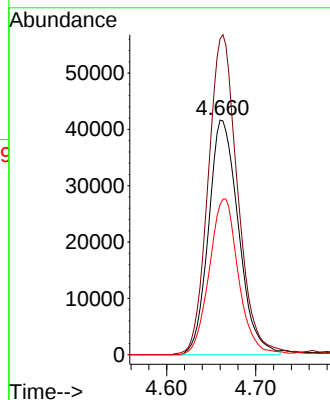
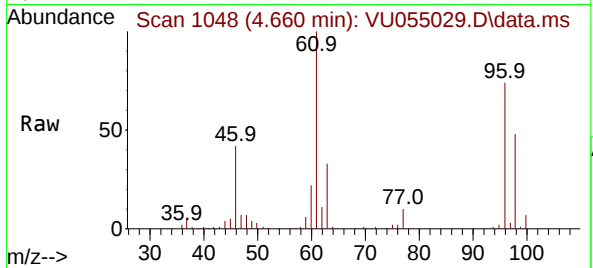
Tgt Ion: 96 Resp: 97287

Ion Ratio Lower Upper

96 100

61 134.5 88.4 164.2

98 64.0 44.0 81.6



#25

Chloroform

Concen: 0.401 ug/L

RT: 5.088 min Scan# 1181

Delta R.T. 0.003 min

Lab File: VU055029.D

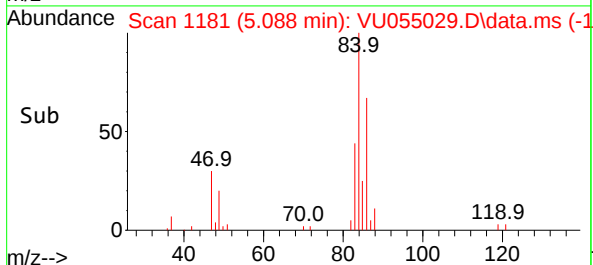
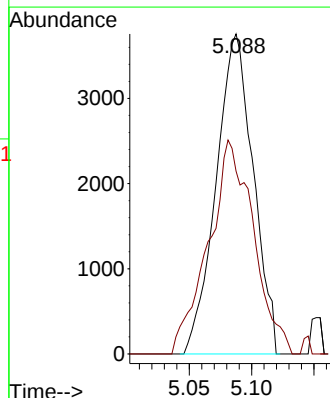
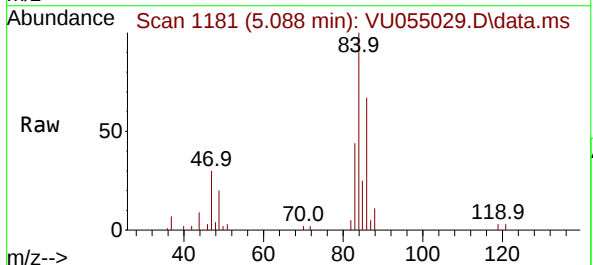
Acq: 31 Aug 2023 18:28

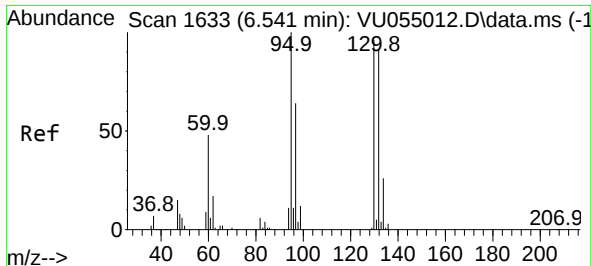
Tgt Ion: 83 Resp: 7791

Ion Ratio Lower Upper

83 100

85 57.1 46.7 86.7

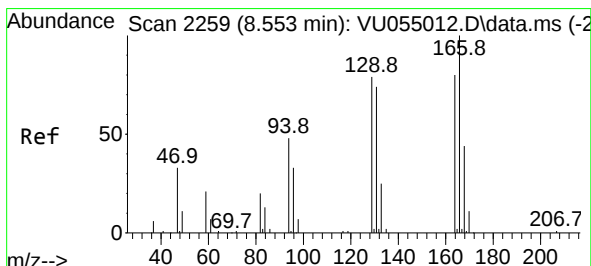
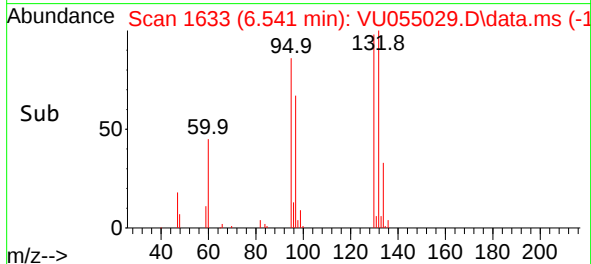
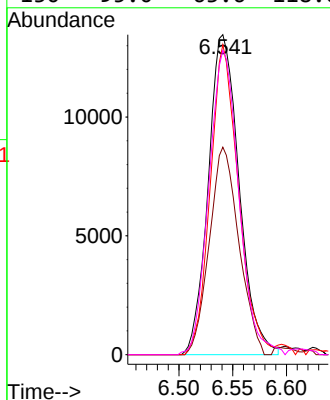
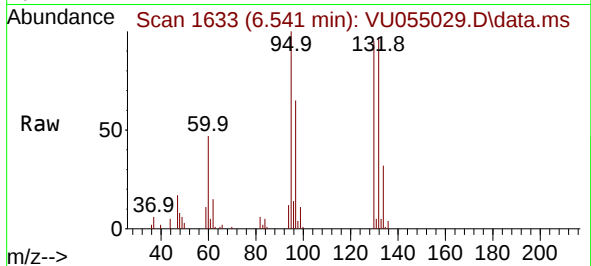




#34
 Trichloroethene
 Concen: 2.516 ug/L
 RT: 6.541 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VU055029.D
 Acq: 31 Aug 2023 18:28

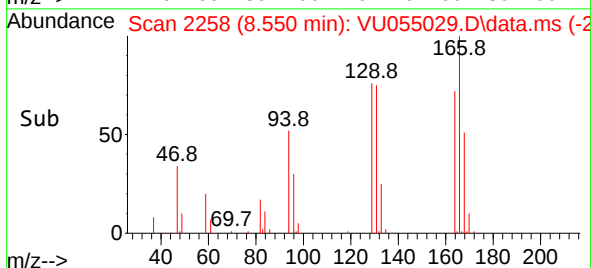
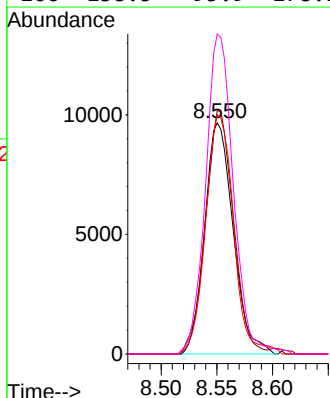
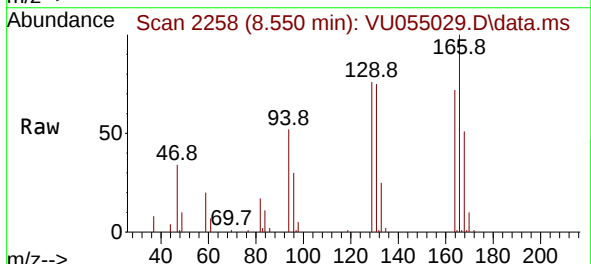
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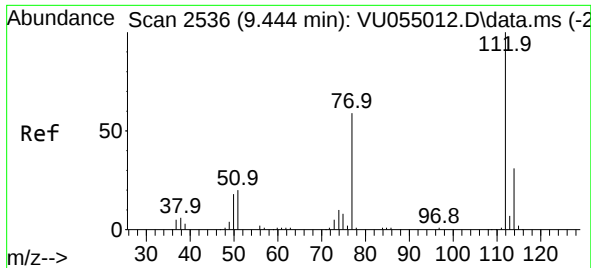
Tgt Ion:	95	Resp:	26878
Ion	Ratio	Lower	Upper
95	100		
97	64.9	44.1	81.9
132	96.9	63.6	118.2
130	95.0	63.6	118.0



#47
 Tetrachloroethene
 Concen: 2.240 ug/L
 RT: 8.550 min Scan# 2258
 Delta R.T. -0.003 min
 Lab File: VU055029.D
 Acq: 31 Aug 2023 18:28

Tgt Ion:	164	Resp:	17200
Ion	Ratio	Lower	Upper
164	100		
129	105.4	72.8	135.2
131	103.5	70.7	131.3
166	138.5	95.9	178.1





#51
Chlorobenzene
Concen: 0.155 ug/L
RT: 9.447 min Scan# 2
Delta R.T. 0.003 min
Lab File: VU055029.D
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Tgt Ion:	112	Resp:	4316
Ion	Ratio	Lower	Upper
112	100		
114	26.7	23.4	43.4
77	52.7	49.3	73.9

