

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090523\
 Data File : VU055123.D
 Acq On : 06 Sep 2023 03:26
 Operator : MD/SY
 Sample : 04267-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 06 05:27:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 06 05:03:37 2023
 Response via : Initial Calibration

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

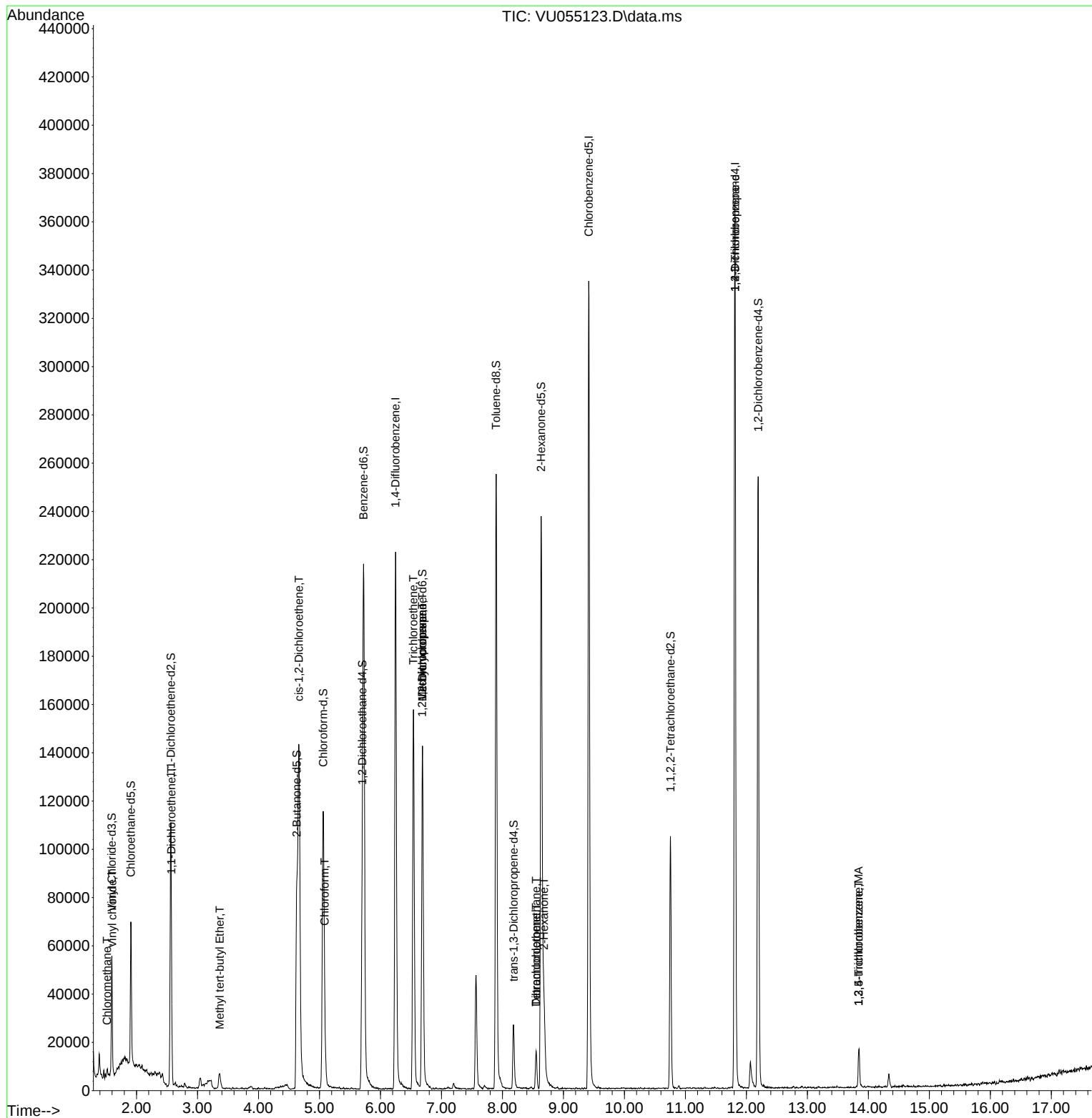
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	177537	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	181344	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	92768	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	32950	3.960	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	79.200%	
7) Chloroethane-d5	1.907	69	40106	4.164	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	83.200%	
11) 1,1-Dichloroethene-d2	2.563	65	20565	4.338	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	86.800%	
20) 2-Butanone-d5	4.627	46	127338	52.736	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	105.480%	
24) Chloroform-d	5.061	84	102291	4.633	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.600%	
26) 1,2-Dichloroethane-d4	5.701	65	53296	4.825	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.400%	
32) Benzene-d6	5.724	84	202841	4.531	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.600%	
36) 1,2-Dichloropropane-d6	6.688	67	65411	4.594	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	91.800%	
41) Toluene-d8	7.897	98	170420	4.133	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	82.600%	
43) trans-1,3-Dichloroprop...	8.184	79	15517	3.958	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	79.200%	
46) 2-Hexanone-d5	8.634	63	74672	46.912	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	93.820%	
56) 1,1,2,2-Tetrachloroeth...	10.756	84	50206	5.014	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	100.200%	
66) 1,2-Dichlorobenzene-d4	12.193	152	63806	4.712	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	94.200%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.518	50	1834	0.175	ug/L	88
5) Vinyl chloride	1.602	62	2807	0.253	ug/L #	77
12) 1,1-Dichloroethene	2.573	96	1858	0.226	ug/L #	1
17) Methyl tert-butyl Ether	3.364	73	5971	0.277	ug/L #	91
22) cis-1,2-Dichloroethene	4.663	96	64441	6.322	ug/L	93
25) Chloroform	5.084	83	13538	0.722	ug/L	93
34) Trichloroethene	6.541	95	53006	4.942	ug/L	97
35) Methylcyclohexane	6.688	83	15219	1.011	ug/L #	19
37) 1,2-Dichloropropane	6.685	63	7589	0.722	ug/L #	88
47) Tetrachloroethene	8.553	164	3236	0.437	ug/L	95
48) 2-Hexanone	8.682	43	16095	3.428	ug/L #	96
49) Dibromochloromethane	8.553	129	3062	0.396	ug/L #	9
61) 1,2,3-Trichloropropane	11.814	75	12641	2.053	ug/L #	67
69) 1,3,5-Trichlorobenzene	13.842	180	5665	0.361	ug/L	96
70) 1,2,4-trichlorobenzene	13.842	180	5665	0.385	ug/L	93

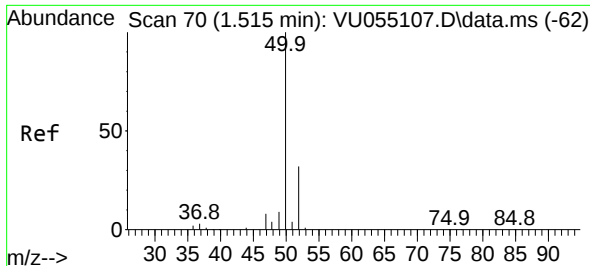
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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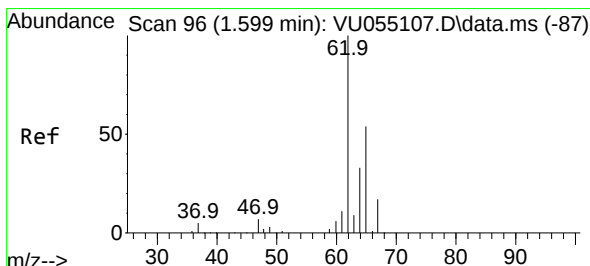
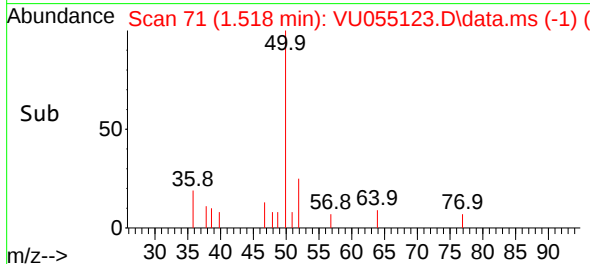
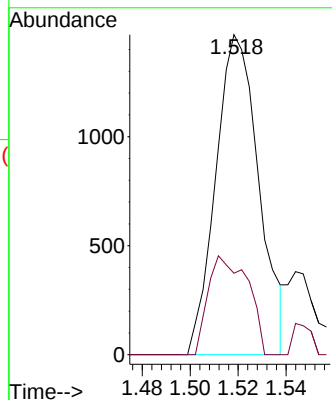
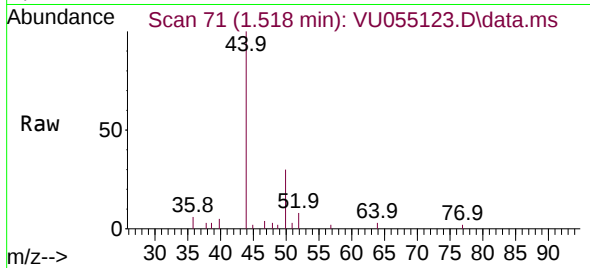




#3
Chloromethane
Concen: 0.175 ug/L
RT: 1.518 min Scan# 70
Delta R.T. 0.003 min
Lab File: VU055123.D
Acq: 06 Sep 2023 03:26

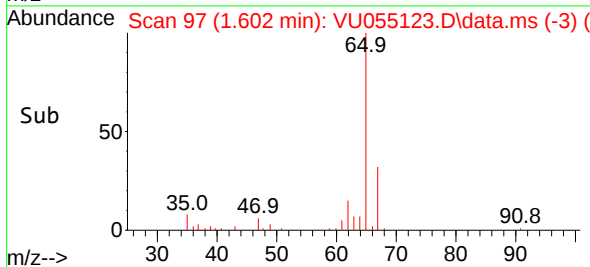
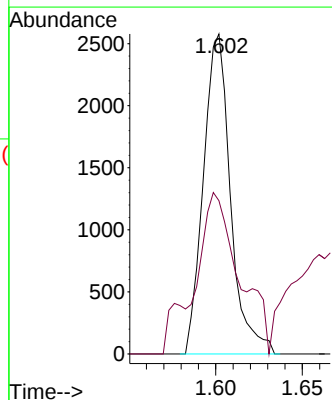
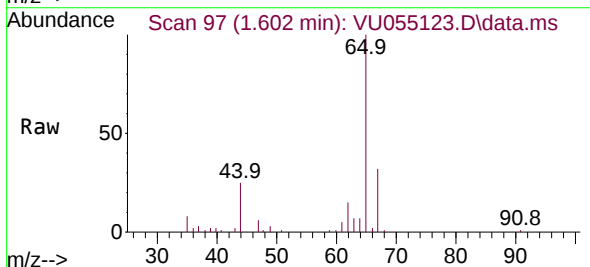
Instrument :
MSVOA_U
ClientSampleId :

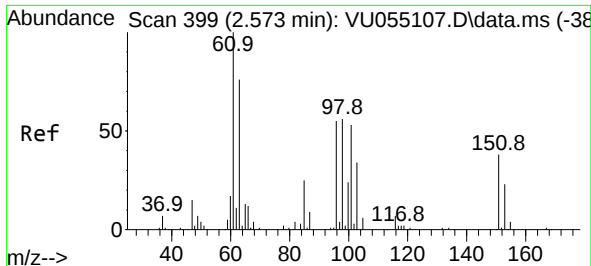
Tgt Ion: 50 Resp: 1834
Ion Ratio Lower Upper
50 100
52 25.5 22.5 41.7



#5
Vinyl chloride
Concen: 0.253 ug/L
RT: 1.602 min Scan# 97
Delta R.T. 0.003 min
Lab File: VU055123.D
Acq: 06 Sep 2023 03:26

Tgt Ion: 62 Resp: 2807
Ion Ratio Lower Upper
62 100
64 47.9 24.2 45.0#





#12

1,1-Dichloroethene

Concen: 0.226 ug/L

RT: 2.573 min Scan# 399

Delta R.T. -0.000 min

Lab File: VU055123.D

Acq: 06 Sep 2023 03:26

Instrument :

MSVOA_U

ClientSampleId :

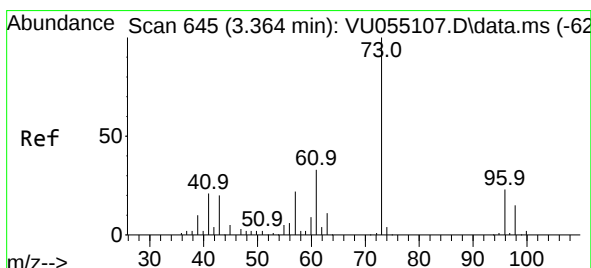
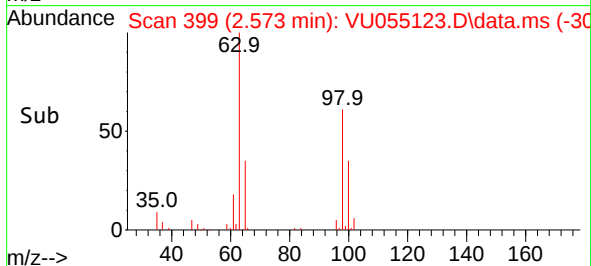
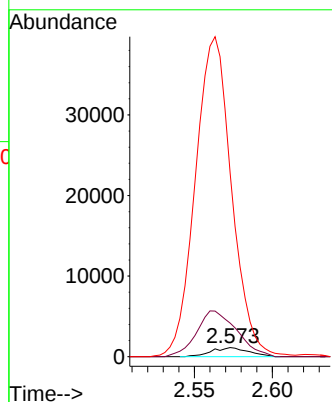
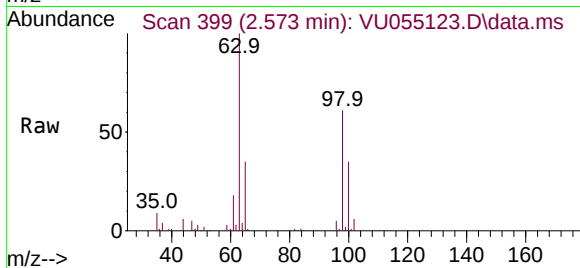
Tgt Ion: 96 Resp: 1858

Ion Ratio Lower Upper

96 100

61 367.8 120.8 224.4#

63 2007.7 94.5 175.5#



#17

Methyl tert-butyl Ether

Concen: 0.277 ug/L

RT: 3.364 min Scan# 645

Delta R.T. -0.000 min

Lab File: VU055123.D

Acq: 06 Sep 2023 03:26

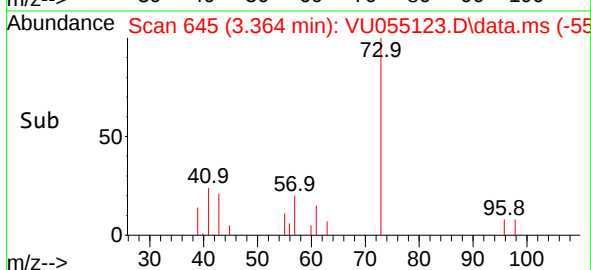
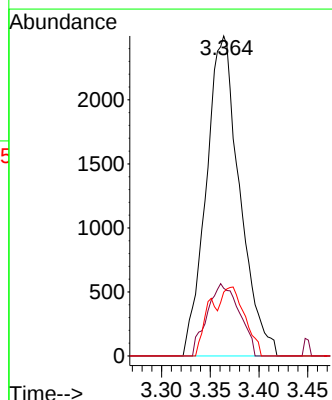
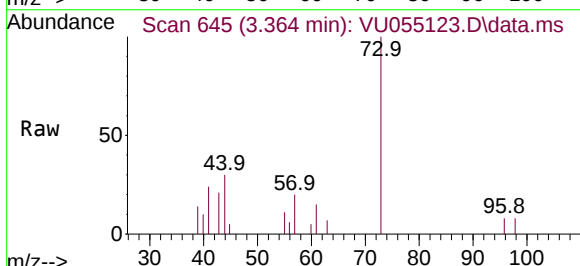
Tgt Ion: 73 Resp: 5971

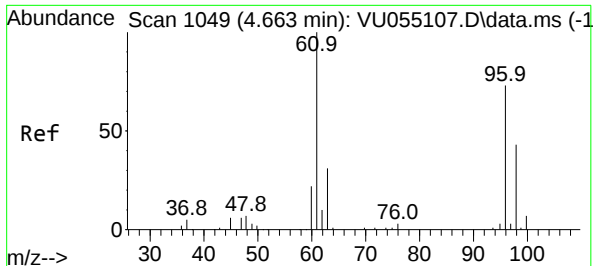
Ion Ratio Lower Upper

73 100

43 21.7 16.2 24.2

57 15.2 17.4 26.2#





#22

cis-1,2-Dichloroethene

Concen: 6.322 ug/L

RT: 4.663 min Scan# 1180

Delta R.T. -0.000 min

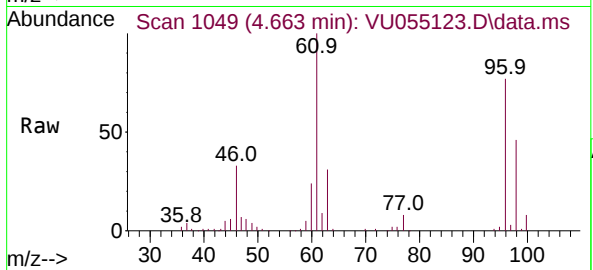
Lab File: VU055123.D

Acq: 06 Sep 2023 03:26

Instrument :

MSVOA_U

ClientSampleId :



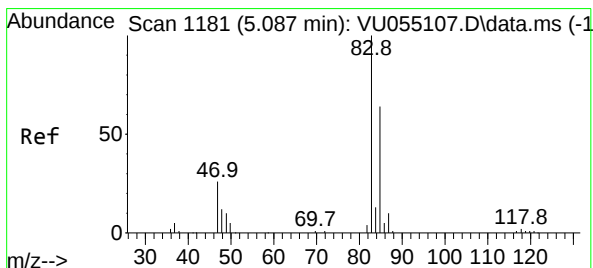
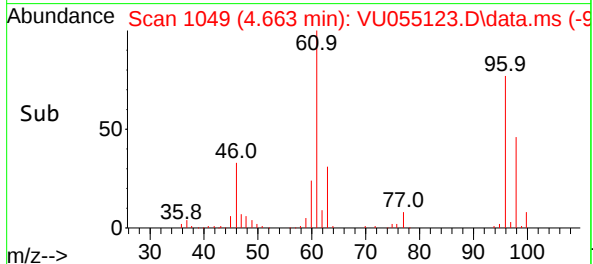
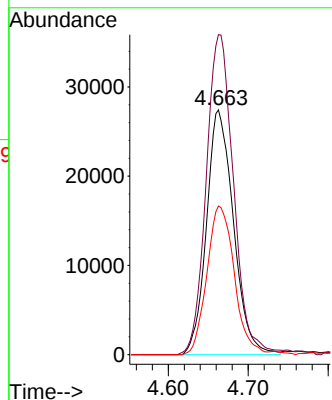
Tgt Ion: 96 Resp: 64441

Ion Ratio Lower Upper

96 100

61 130.7 97.2 180.4

98 60.7 46.1 85.7



#25

Chloroform

Concen: 0.722 ug/L

RT: 5.084 min Scan# 1180

Delta R.T. -0.003 min

Lab File: VU055123.D

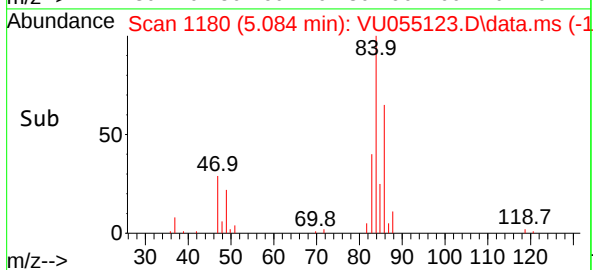
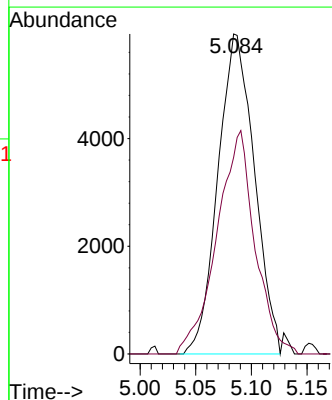
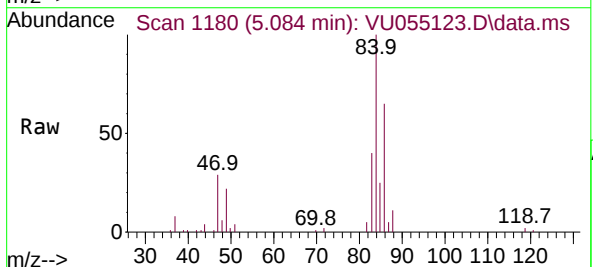
Acq: 06 Sep 2023 03:26

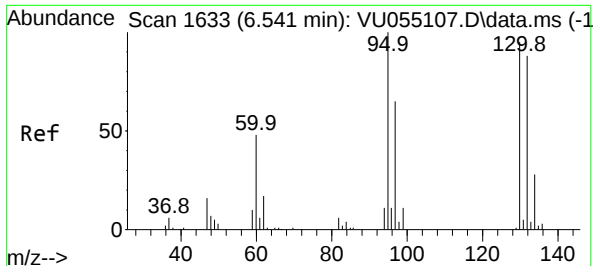
Tgt Ion: 83 Resp: 13538

Ion Ratio Lower Upper

83 100

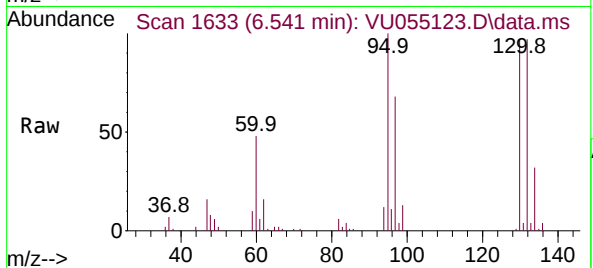
85 61.4 47.2 87.6



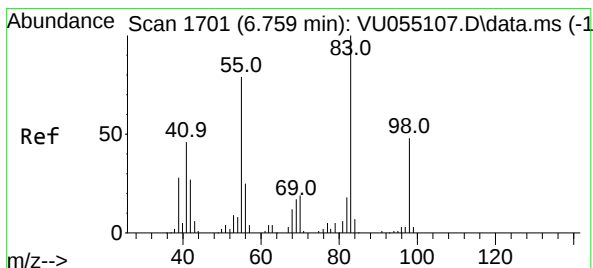
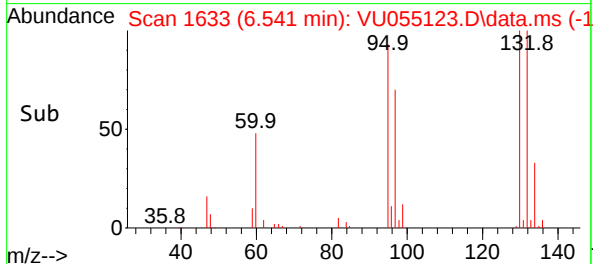
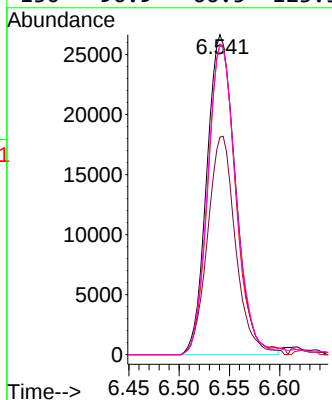


#34
Trichloroethene
Concen: 4.942 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. -0.000 min
Lab File: VU055123.D
Acq: 06 Sep 2023 03:26

Instrument :
MSVOA_U
ClientSampleId :

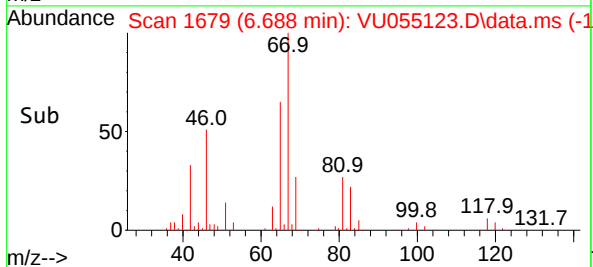
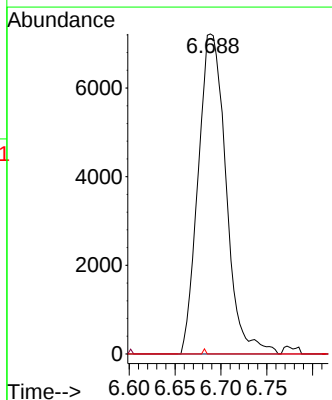
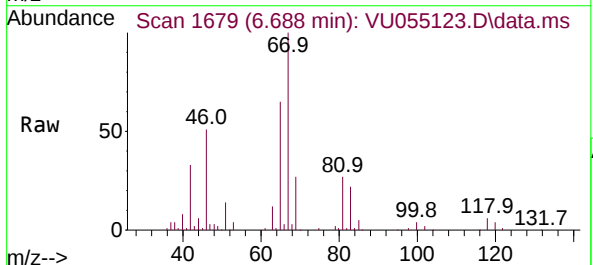


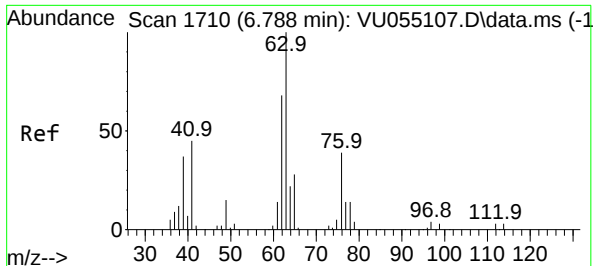
Tgt Ion	Ratio	Lower	Upper
95	100		
97	68.0	44.7	83.1
132	97.1	66.6	123.6
130	96.9	66.5	123.5



#35
Methylcyclohexane
Concen: 1.011 ug/L
RT: 6.688 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU055123.D
Acq: 06 Sep 2023 03:26

Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	60.4	90.6#
98	0.0	35.3	52.9#

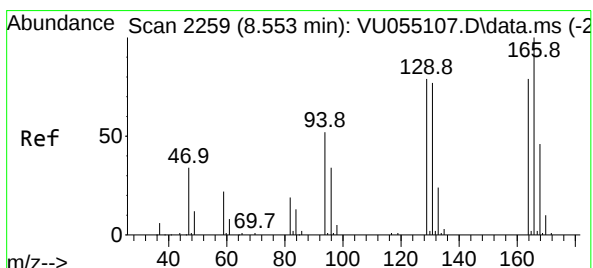
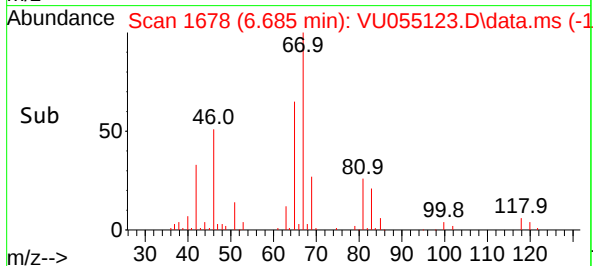
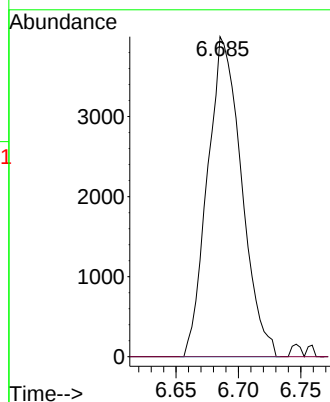
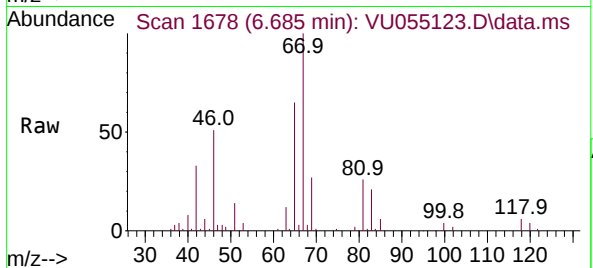




#37
1,2-Dichloropropane
Concen: 0.722 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU055123.D
Acq: 06 Sep 2023 03:26

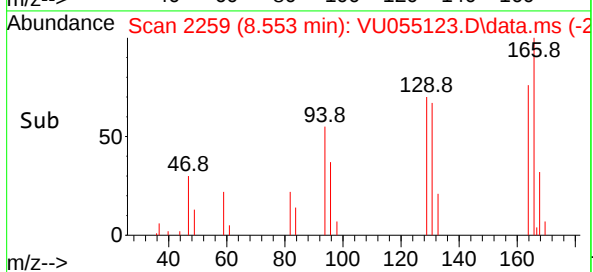
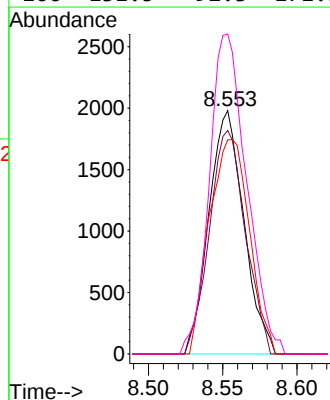
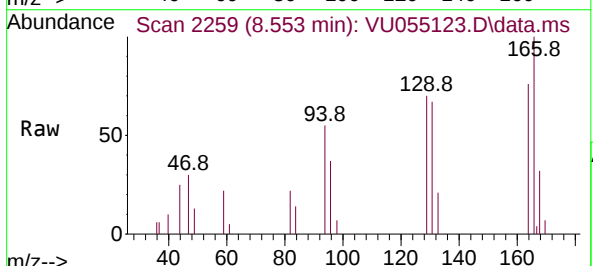
Instrument :
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ClientSampleId :

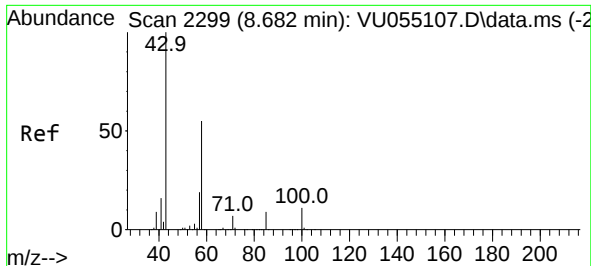
Tgt Ion: 63 Resp: 7589
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



#47
Tetrachloroethene
Concen: 0.437 ug/L
RT: 8.553 min Scan# 2259
Delta R.T. -0.000 min
Lab File: VU055123.D
Acq: 06 Sep 2023 03:26

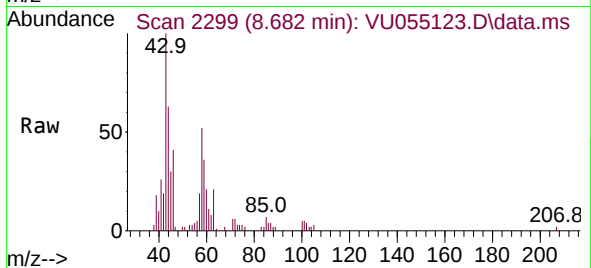
Tgt Ion: 164 Resp: 3236
Ion Ratio Lower Upper
164 100
129 91.9 69.2 128.6
131 88.0 68.8 127.8
166 131.5 92.3 171.5



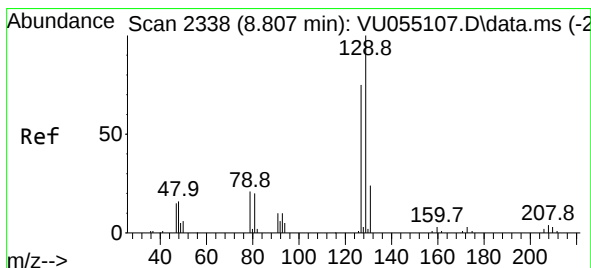
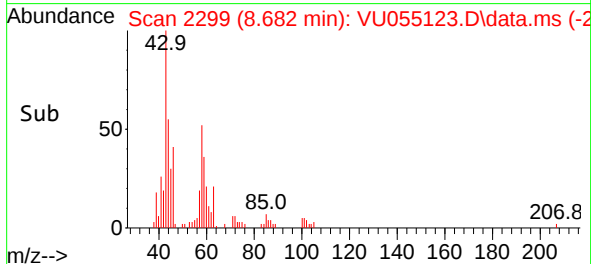
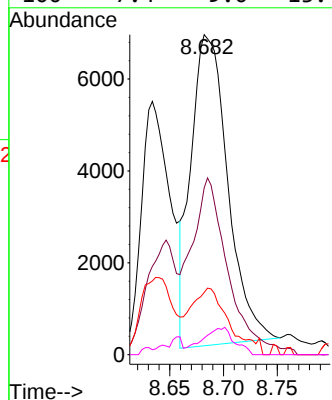


#48
2-Hexanone
Concen: 3.428 ug/L
RT: 8.682 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU055123.D
Acq: 06 Sep 2023 03:26

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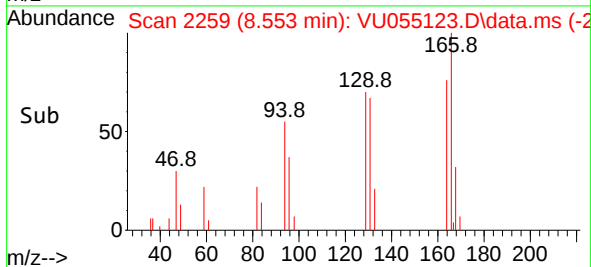
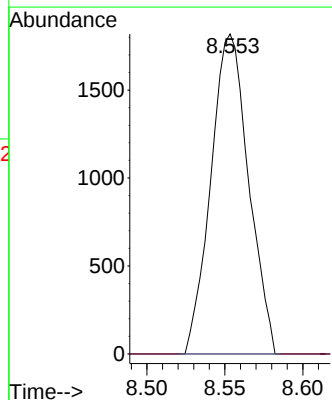
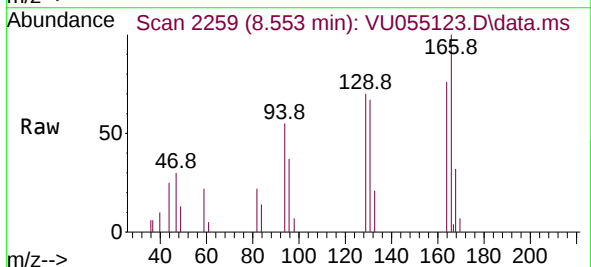


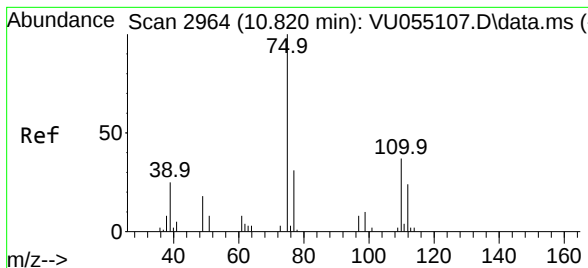
Tgt Ion: 43 Resp: 16095
Ion Ratio Lower Upper
43 100
58 56.7 44.0 66.0
57 21.8 16.2 24.2
100 7.4 9.0 13.4#



#49
Dibromochloromethane
Concen: 0.396 ug/L
RT: 8.553 min Scan# 2259
Delta R.T. -0.254 min
Lab File: VU055123.D
Acq: 06 Sep 2023 03:26

Tgt Ion: 129 Resp: 3062
Ion Ratio Lower Upper
129 100
127 0.0 55.9 103.7#





#61

1,2,3-Trichloropropane

Concen: 2.053 ug/L

RT: 11.814 min Scan# 31

Delta R.T. 0.994 min

Lab File: VU055123.D

Acq: 06 Sep 2023 03:26

Instrument :

MSVOA_U

ClientSampleId :

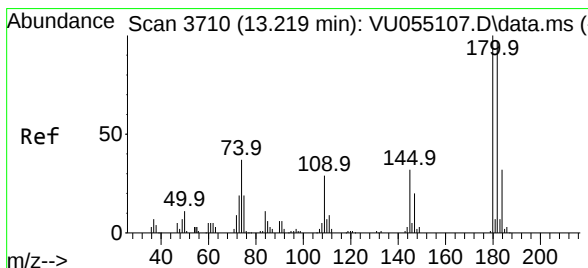
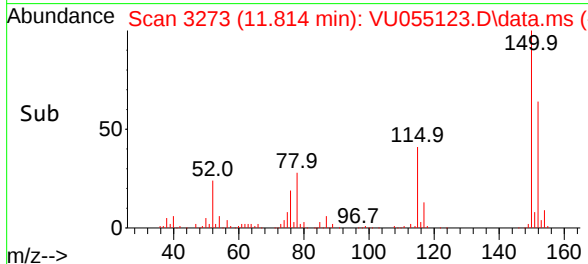
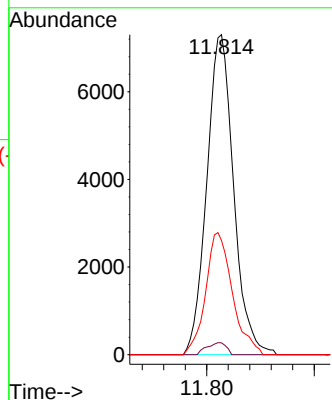
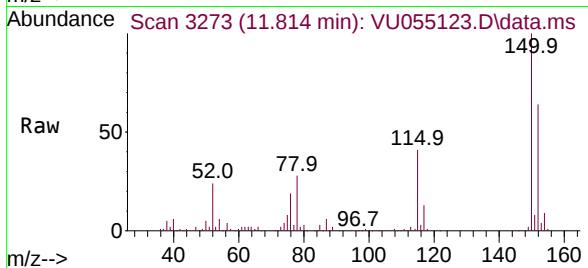
Tgt Ion: 75 Resp: 12641

Ion Ratio Lower Upper

75 100

110 2.7 28.2 42.2#

77 38.0 26.2 39.4



#69

1,3,5-Trichlorobenzene

Concen: 0.361 ug/L

RT: 13.842 min Scan# 3904

Delta R.T. 0.624 min

Lab File: VU055123.D

Acq: 06 Sep 2023 03:26

Tgt Ion:180 Resp: 5665

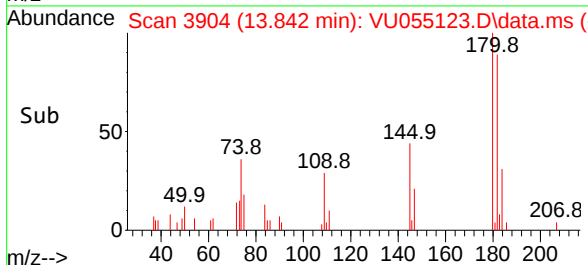
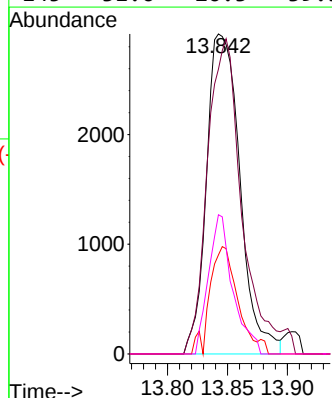
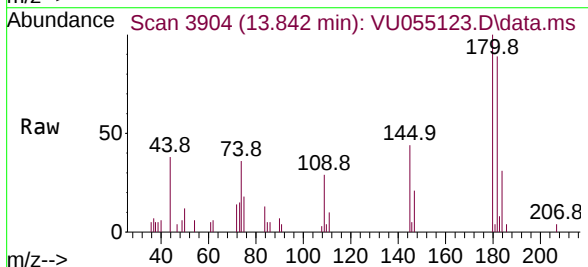
Ion Ratio Lower Upper

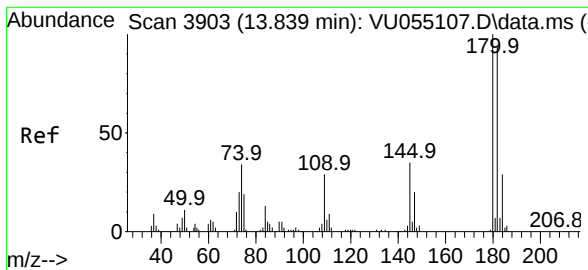
180 100

182 100.0 75.8 113.6

184 28.2 24.0 36.0

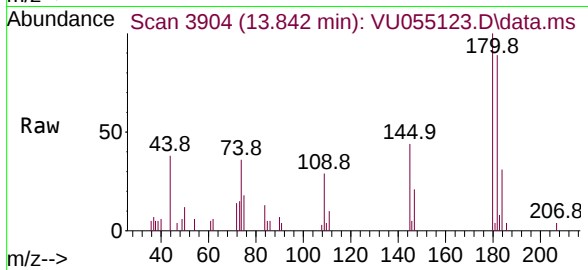
145 31.6 26.3 39.5





#70
 1,2,4-trichlorobenzene
 Concen: 0.385 ug/L
 RT: 13.842 min Scan# 3904
 Delta R.T. 0.003 min
 Lab File: VU055123.D
 Acq: 06 Sep 2023 03:26

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	180	Resp:	5665
Ion Ratio	Lower	Upper	
180	100		
182	100.0	73.6	110.4
145	31.6	25.8	38.8

