

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090723\
 Data File : VU055184.D
 Acq On : 07 Sep 2023 13:26
 Operator : MD/SY
 Sample : 04286-10DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 08 05:06:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 08 05:04:57 2023
 Response via : Initial Calibration

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

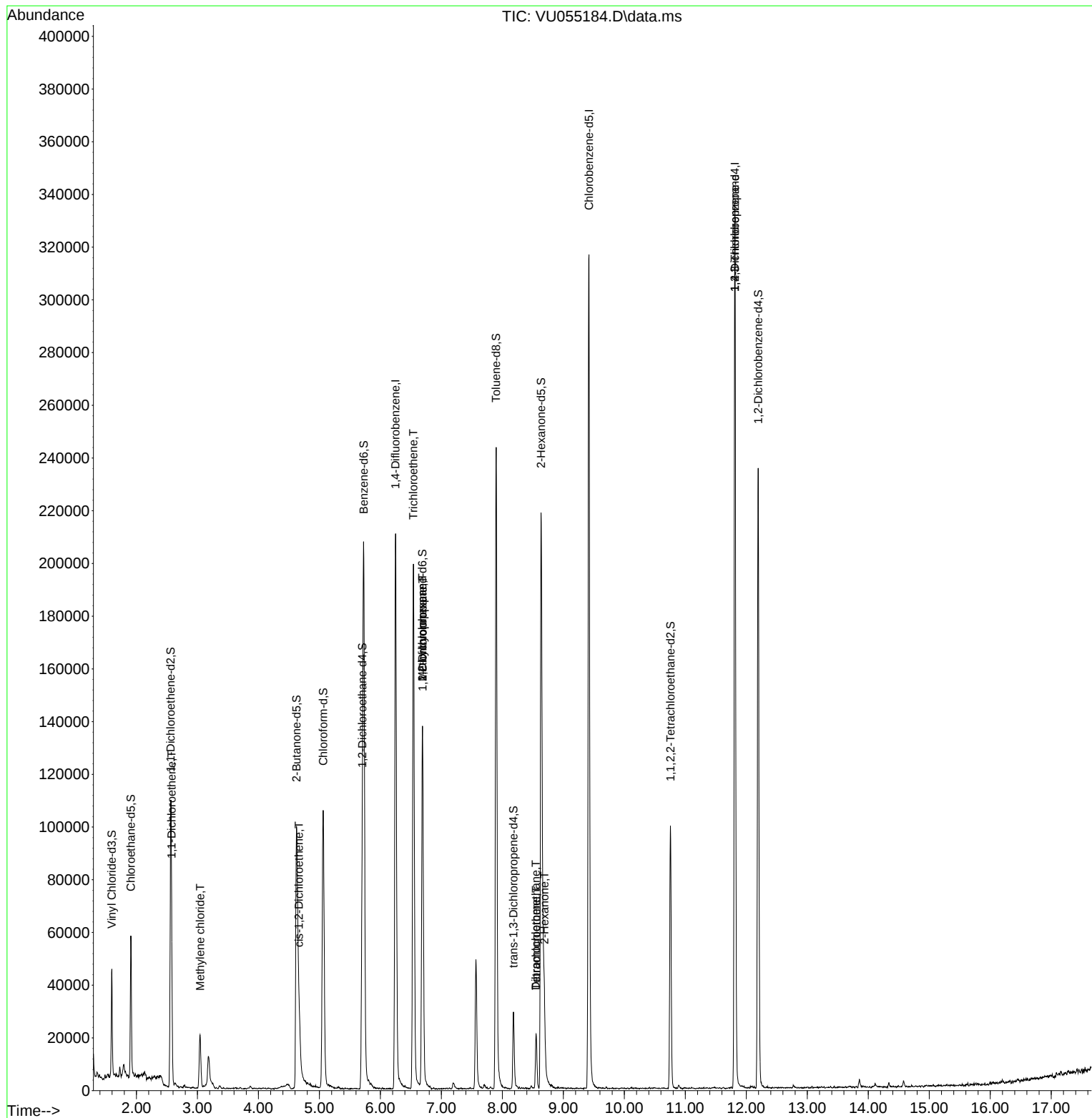
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	166020	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	170454	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	83654	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	28182	3.622	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	72.400%	
7) Chloroethane-d5	1.907	69	35805	3.975	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	79.600%	
11) 1,1-Dichloroethene-d2	2.560	65	18576	4.190	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	83.800%	
20) 2-Butanone-d5	4.624	46	126498	56.022	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	112.040%	
24) Chloroform-d	5.062	84	100768	4.880	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.600%	
26) 1,2-Dichloroethane-d4	5.702	65	52760	5.108	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.200%	
32) Benzene-d6	5.727	84	188996	4.492	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.800%	
36) 1,2-Dichloropropane-d6	6.689	67	66803	4.992	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	99.800%	
41) Toluene-d8	7.898	98	163900	4.229	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	84.600%	
43) trans-1,3-Dichloroprop...	8.181	79	16688	4.528	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.600%	
46) 2-Hexanone-d5	8.634	63	68129	45.535	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	91.080%	
56) 1,1,2,2-Tetrachloroeth...	10.756	84	51141	5.434	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	108.600%	
66) 1,2-Dichlorobenzene-d4	12.193	152	58451	4.787	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	95.800%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.576	96	9917	1.292	ug/L #	29
16) Methylene chloride	3.042	84	9833	0.838	ug/L	97
22) cis-1,2-Dichloroethene	4.663	96	7663	0.804	ug/L	93
34) Trichloroethene	6.541	95	67449	6.690	ug/L	96
35) Methylcyclohexane	6.689	83	14037	0.992	ug/L #	23
37) 1,2-Dichloropropane	6.692	63	7831	0.793	ug/L #	90
47) Tetrachloroethene	8.554	164	4094	0.588	ug/L	94
48) 2-Hexanone	8.689	43	20947	4.747	ug/L #	83
49) Dibromochloromethane	8.550	129	4497	0.619	ug/L #	9
61) 1,2,3-Trichloropropane	11.811	75	11995	2.161	ug/L #	69

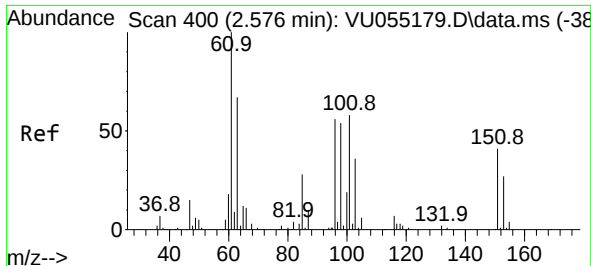
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 1.292 ug/L

RT: 2.576 min Scan# 400

Delta R.T. -0.000 min

Lab File: VU055184.D

Acq: 07 Sep 2023 13:26

Instrument :

MSVOA_U

ClientSampleId :

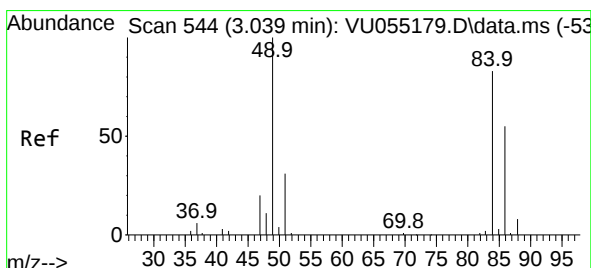
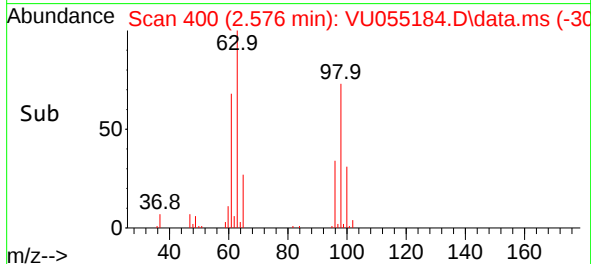
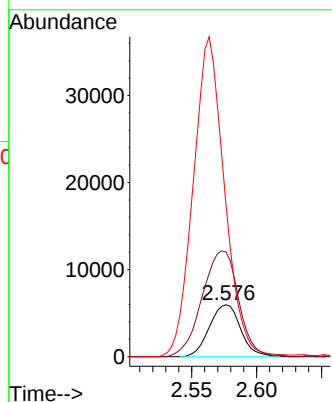
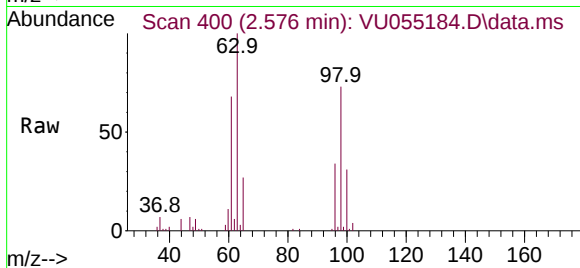
Tgt Ion: 96 Resp: 9917

Ion Ratio Lower Upper

96 100

61 201.9 120.8 224.4

63 296.7 94.5 175.5#



#16

Methylene chloride

Concen: 0.838 ug/L

RT: 3.042 min Scan# 545

Delta R.T. 0.003 min

Lab File: VU055184.D

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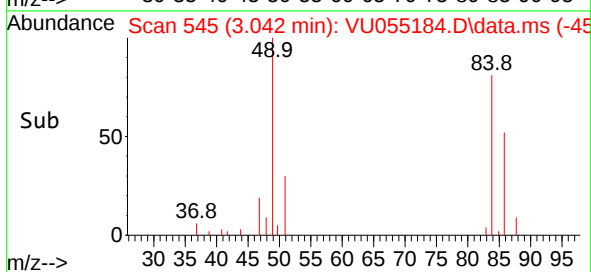
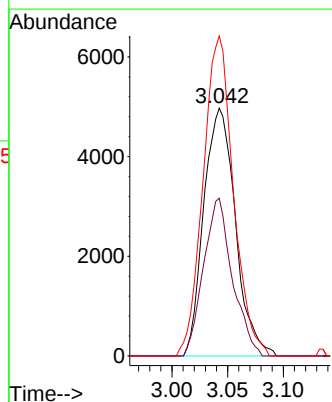
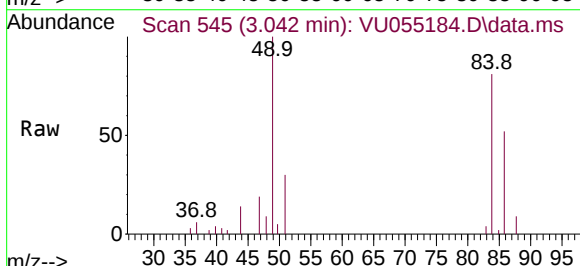
Tgt Ion: 84 Resp: 9833

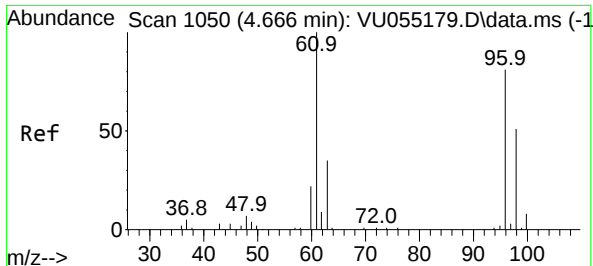
Ion Ratio Lower Upper

84 100

86 63.6 43.4 80.6

49 129.1 87.7 162.9

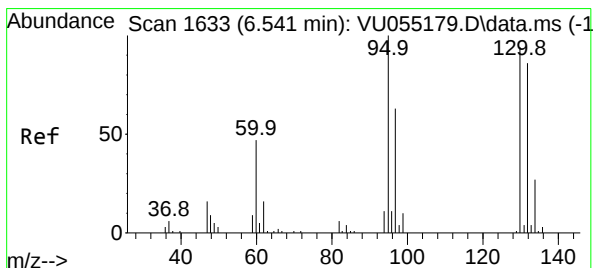
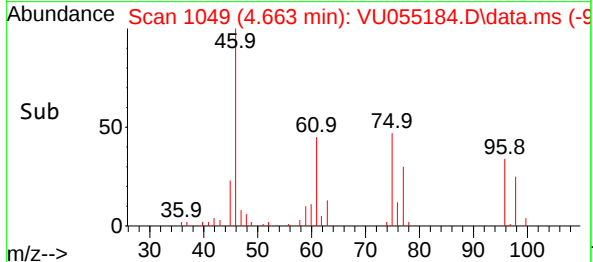
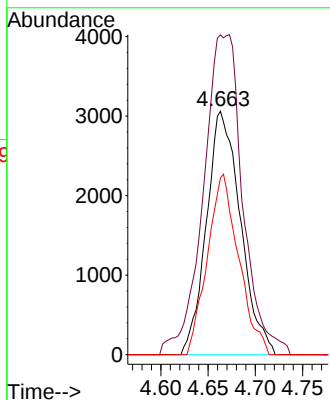
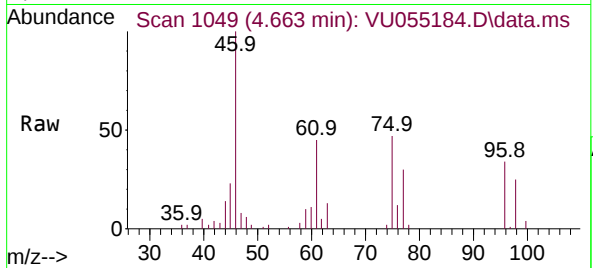




#22
 cis-1,2-Dichloroethene
 Concen: 0.804 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. -0.003 min
 Lab File: VU055184.D
 Acq: 07 Sep 2023 13:26

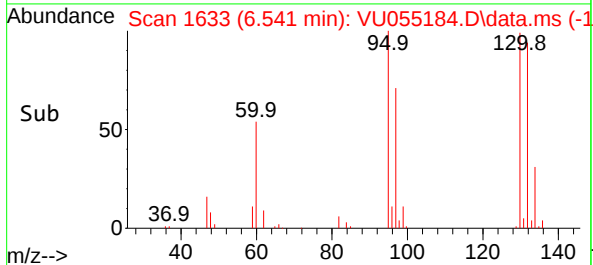
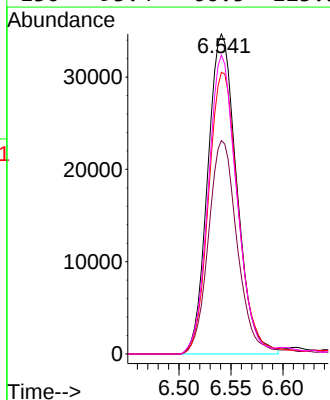
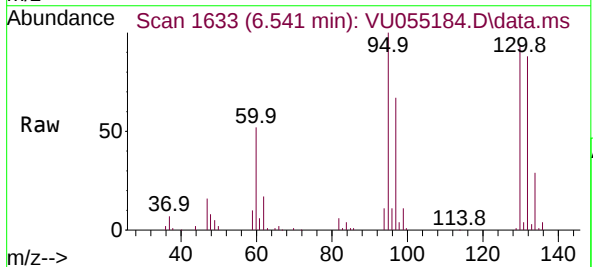
Instrument :
 MSVOA_U
 ClientSampleId :

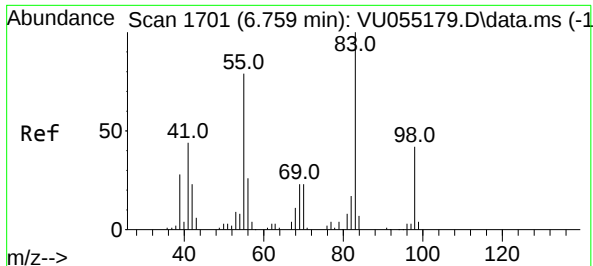
Tgt Ion: 96 Resp: 7663
 Ion Ratio Lower Upper
 96 100
 61 131.4 97.2 180.4
 98 72.5 46.1 85.7



#34
 Trichloroethene
 Concen: 6.690 ug/L
 RT: 6.541 min Scan# 1633
 Delta R.T. -0.000 min
 Lab File: VU055184.D
 Acq: 07 Sep 2023 13:26

Tgt Ion: 95 Resp: 67449
 Ion Ratio Lower Upper
 95 100
 97 66.7 44.7 83.1
 132 88.0 66.6 123.6
 130 93.4 66.5 123.5

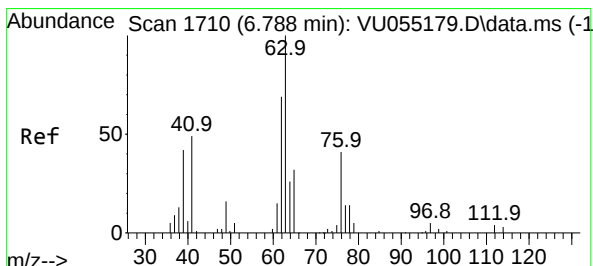
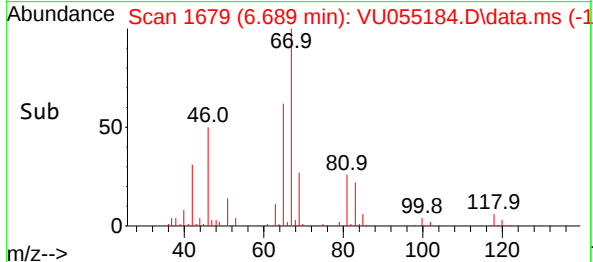
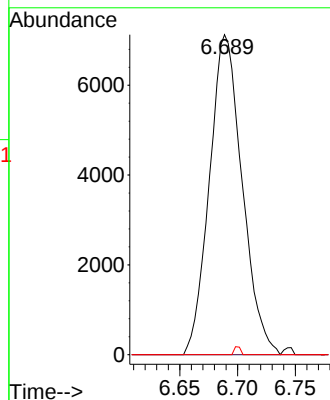
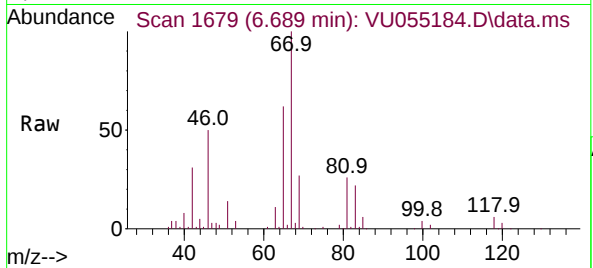




#35
Methylcyclohexane
Concen: 0.992 ug/L
RT: 6.689 min Scan# 1680
Delta R.T. -0.071 min
Lab File: VU055184.D
Acq: 07 Sep 2023 13:26

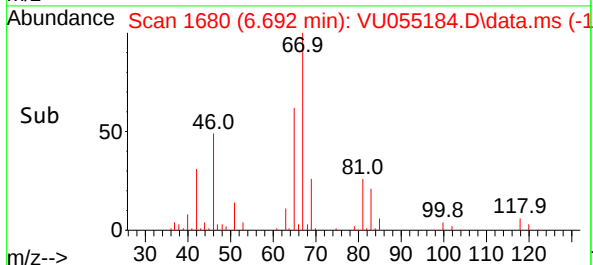
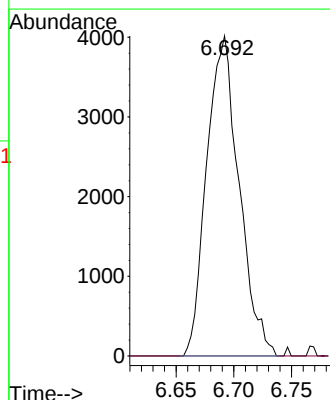
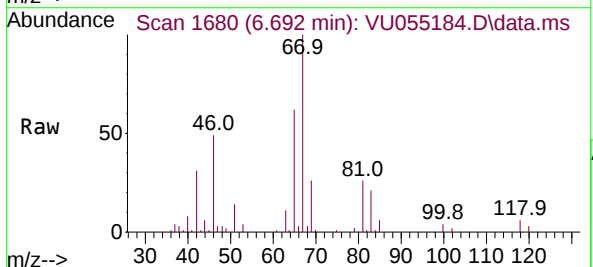
Instrument :
MSVOA_U
ClientSampleId :

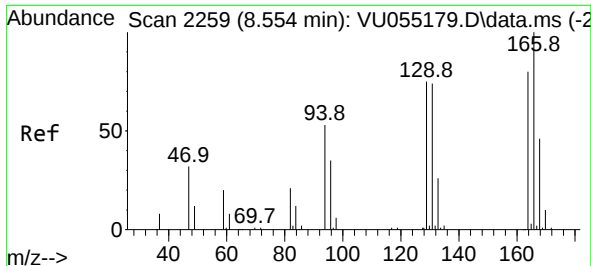
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	60.4	90.6#
98	6.6	35.3	52.9#



#37
1,2-Dichloropropane
Concen: 0.793 ug/L
RT: 6.692 min Scan# 1680
Delta R.T. -0.096 min
Lab File: VU055184.D
Acq: 07 Sep 2023 13:26

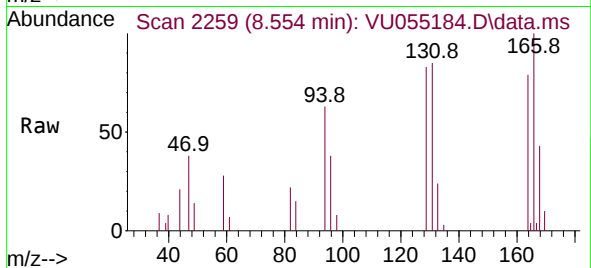
Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.6	3.2	4.8#



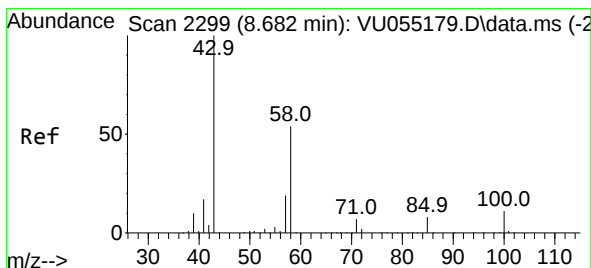
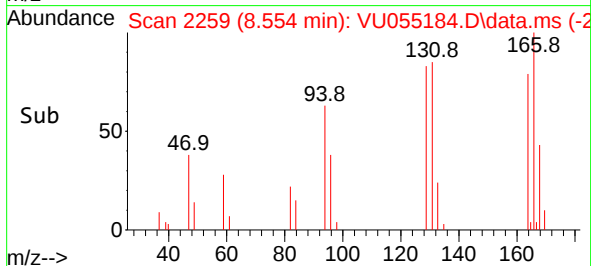
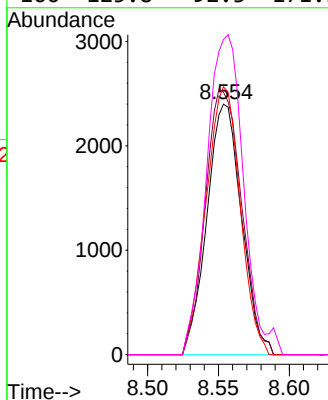


#47
Tetrachloroethene
Concen: 0.588 ug/L
RT: 8.554 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU055184.D
Acq: 07 Sep 2023 13:26

Instrument :
MSVOA_U
ClientSampleId :

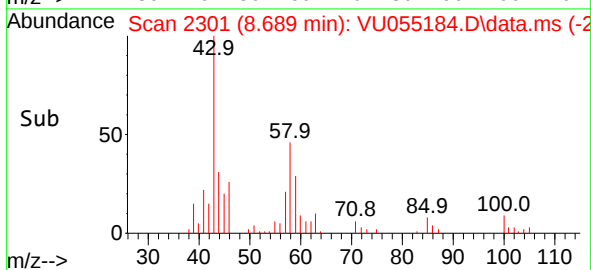
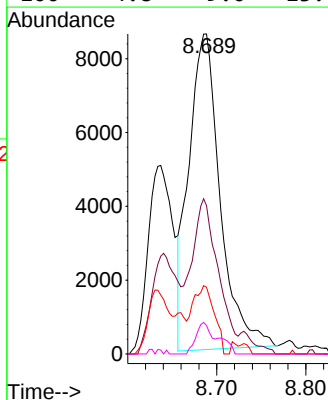
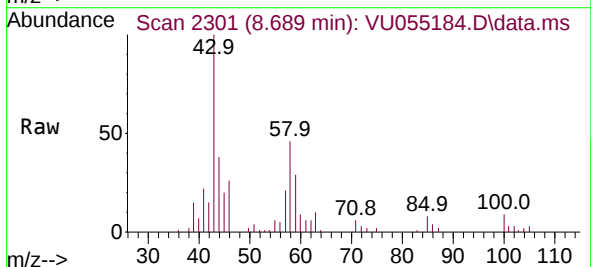


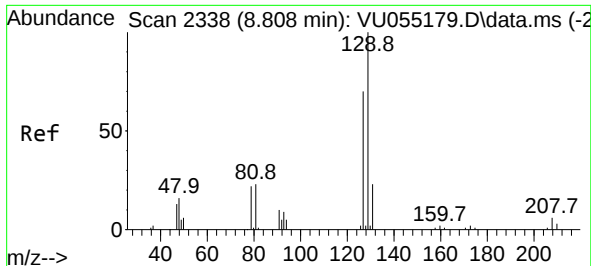
Tgt Ion:	164	Resp:	4094
Ion	Ratio	Lower	Upper
164	100		
129	104.8	69.2	128.6
131	106.9	68.8	127.8
166	125.8	92.3	171.5



#48
2-Hexanone
Concen: 4.747 ug/L
RT: 8.689 min Scan# 2301
Delta R.T. 0.006 min
Lab File: VU055184.D
Acq: 07 Sep 2023 13:26

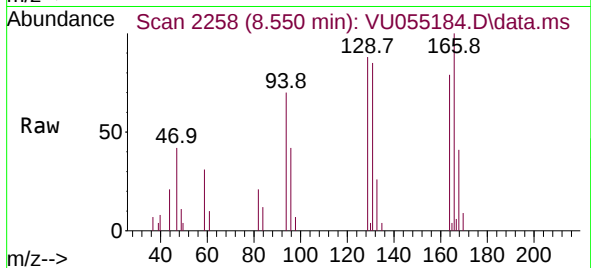
Tgt Ion:	43	Resp:	20947
Ion	Ratio	Lower	Upper
43	100		
58	41.1	44.0	66.0#
57	14.9	16.2	24.2#
100	4.8	9.0	13.4#



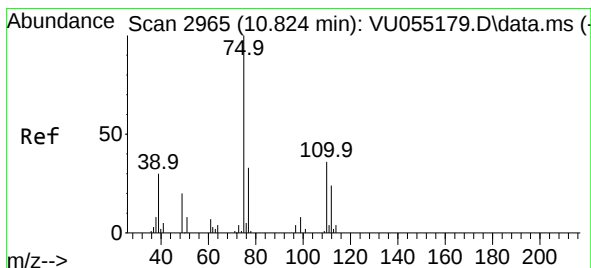
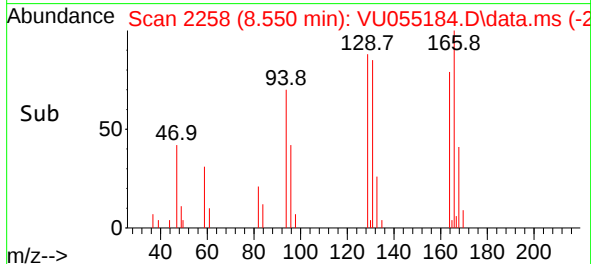
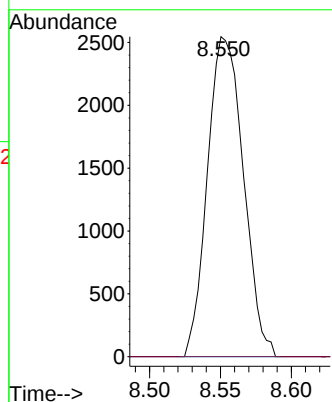


#49
Dibromochloromethane
Concen: 0.619 ug/L
RT: 8.550 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU055184.D
Acq: 07 Sep 2023 13:26

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:129 Resp: 4497
Ion Ratio Lower Upper
129 100
127 0.0 55.9 103.7#



#61
1,2,3-Trichloropropane
Concen: 2.161 ug/L
RT: 11.811 min Scan# 3272
Delta R.T. 0.987 min
Lab File: VU055184.D
Acq: 07 Sep 2023 13:26

Tgt Ion: 75 Resp: 11995
Ion Ratio Lower Upper
75 100
110 2.6 28.2 42.2#
77 35.8 26.2 39.4

