

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091423\
 Data File : VU055323.D
 Acq On : 14 Sep 2023 23:21
 Operator : MD/SY
 Sample : 04380-06 40X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 15 06:45:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 15 02:53:52 2023
 Response via : Initial Calibration

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

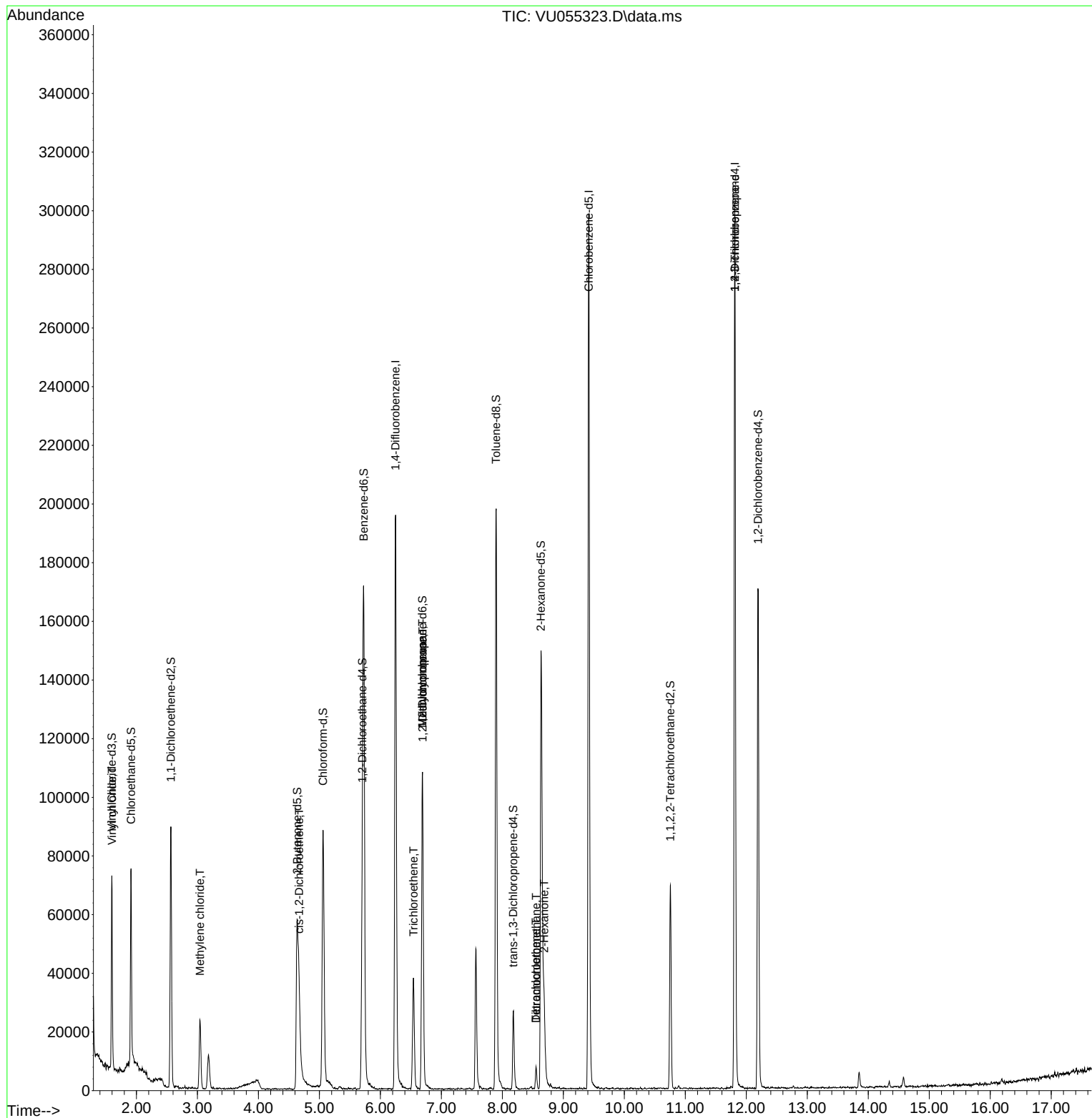
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	162801	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	166766	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	78848	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	43620	5.717	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	114.400%	
7) Chloroethane-d5	1.911	69	46064	5.215	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	104.400%	
11) 1,1-Dichloroethene-d2	2.563	65	16237	3.735	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	74.600%	
20) 2-Butanone-d5	4.634	46	87111	39.342	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	78.680%	
24) Chloroform-d	5.058	84	81844	4.042	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	80.800%	
26) 1,2-Dichloroethane-d4	5.702	65	43436	4.288	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.800%	
32) Benzene-d6	5.724	84	165146	4.012	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	80.200%	
36) 1,2-Dichloropropane-d6	6.689	67	50935	3.890	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	77.800%	
41) Toluene-d8	7.898	98	136396	3.597	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	72.000%	
43) trans-1,3-Dichloroprop...	8.177	79	15325	4.250	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	85.000%	
46) 2-Hexanone-d5	8.631	63	47715	32.597	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	65.200%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	36659	3.981	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	79.600%	
66) 1,2-Dichlorobenzene-d4	12.190	152	45489	3.953	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	79.000%#	
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	3704	0.365	ug/L	89
16) Methylene chloride	3.039	84	11300	0.983	ug/L	94
22) cis-1,2-Dichloroethene	4.666	96	7671	0.821	ug/L	70
34) Trichloroethene	6.544	95	12246	1.241	ug/L	92
35) Methylcyclohexane	6.689	83	12334	0.891	ug/L #	19
37) 1,2-Dichloropropane	6.692	63	5863	0.607	ug/L #	88
47) Tetrachloroethene	8.550	164	1446	0.212	ug/L #	66
48) 2-Hexanone	8.685	43	16556	3.835	ug/L #	88
49) Dibromochloromethane	8.554	129	1708	0.240	ug/L #	9
61) 1,2,3-Trichloropropane	11.811	75	10441	1.995	ug/L #	71

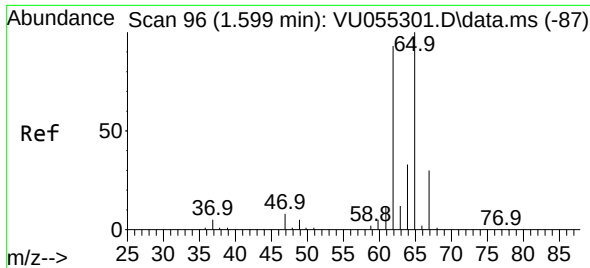
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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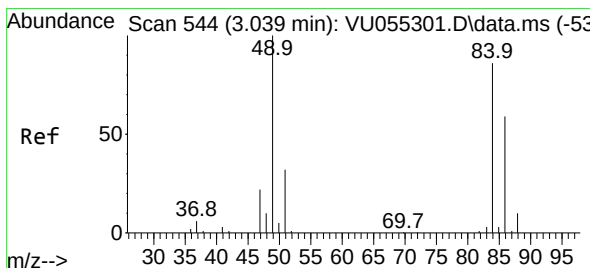
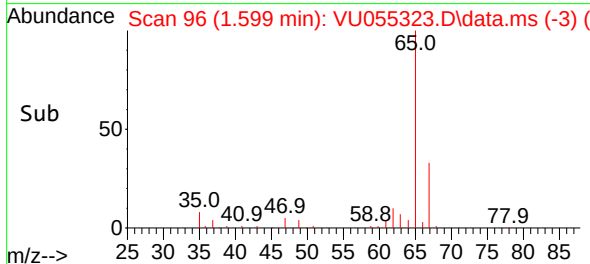
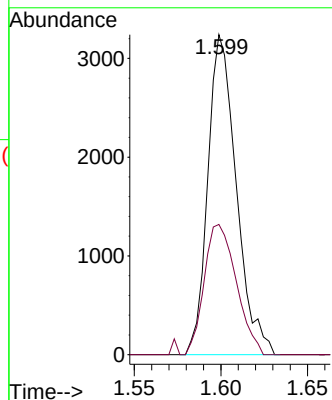
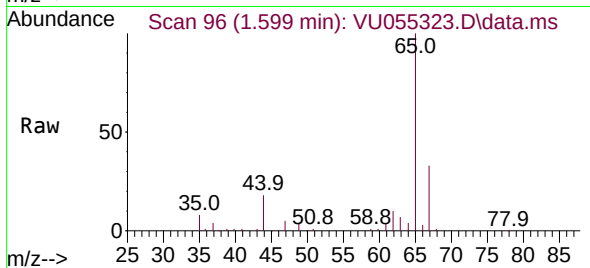




#5
 Vinyl chloride
 Concen: 0.365 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VU055323.D
 Acq: 14 Sep 2023 23:21

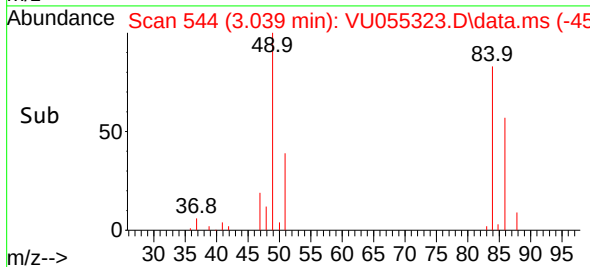
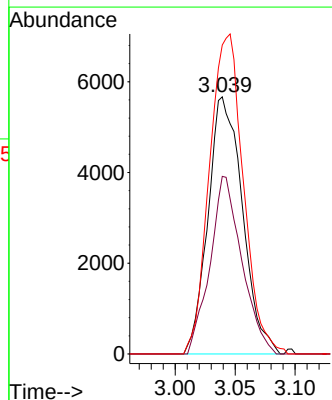
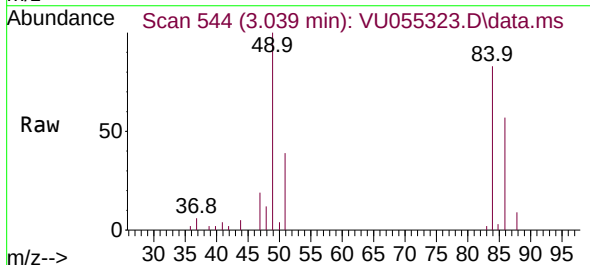
Instrument :
 MSVOA_U
 ClientSampleId :

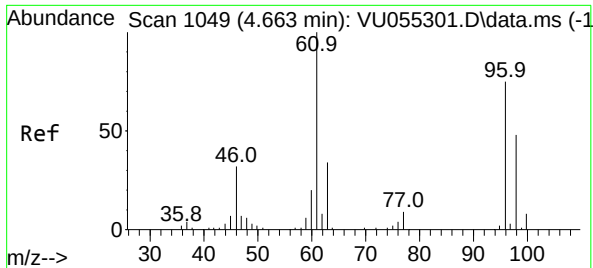
Tgt Ion: 62 Resp: 3704
 Ion Ratio Lower Upper
 62 100
 64 40.7 24.2 45.0



#16
 Methylene chloride
 Concen: 0.983 ug/L
 RT: 3.039 min Scan# 544
 Delta R.T. 0.000 min
 Lab File: VU055323.D
 Acq: 14 Sep 2023 23:21

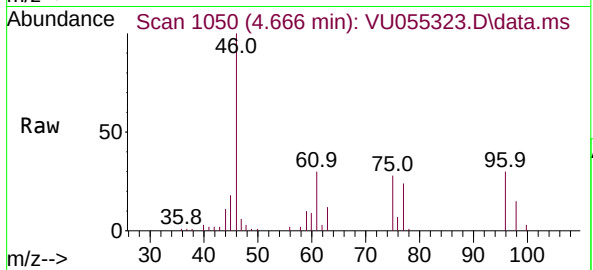
Tgt Ion: 84 Resp: 11300
 Ion Ratio Lower Upper
 84 100
 86 69.1 43.4 80.6
 49 120.1 87.7 162.9



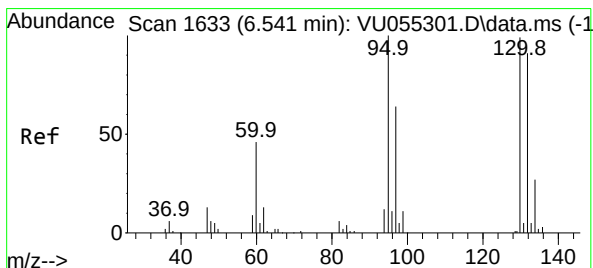
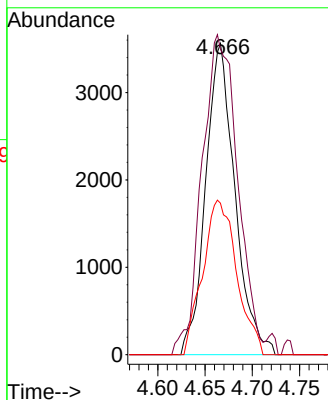
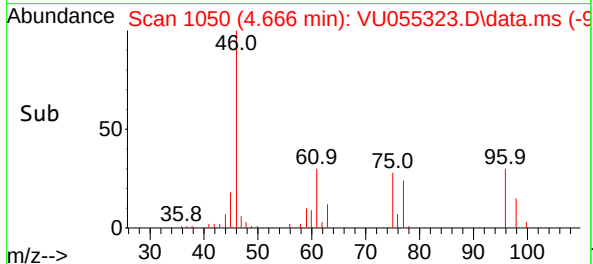


#22
 cis-1,2-Dichloroethene
 Concen: 0.821 ug/L
 RT: 4.666 min Scan# 1050
 Delta R.T. 0.003 min
 Lab File: VU055323.D
 Acq: 14 Sep 2023 23:21

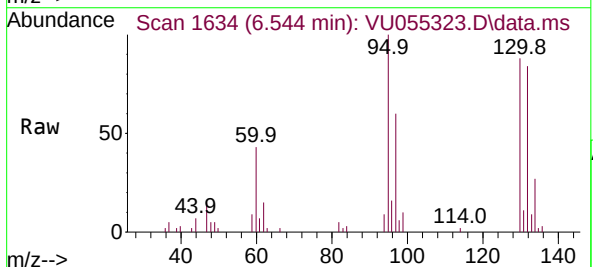
Instrument :
 MSVOA_U
 ClientSampleId :



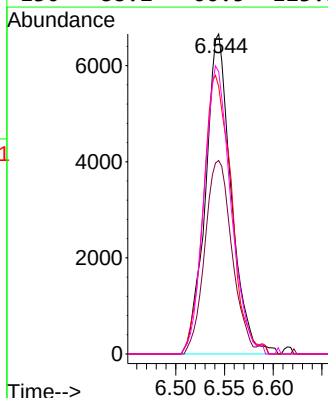
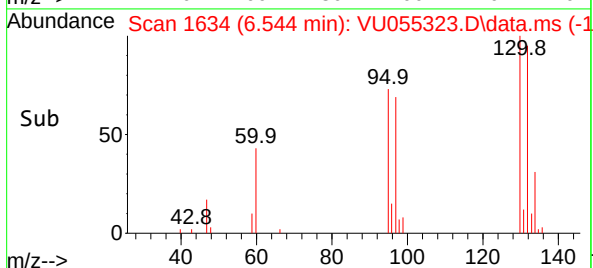
Tgt Ion: 96 Resp: 7671
 Ion Ratio Lower Upper
 96 100
 61 98.2 97.2 180.4
 98 48.7 46.1 85.7

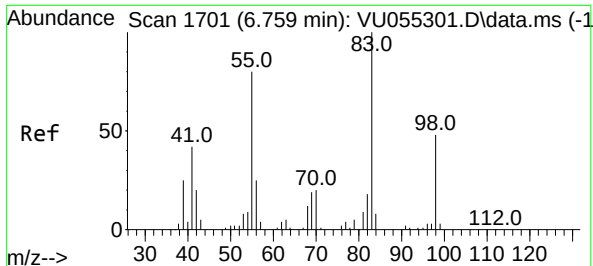


#34
 Trichloroethene
 Concen: 1.241 ug/L
 RT: 6.544 min Scan# 1634
 Delta R.T. 0.003 min
 Lab File: VU055323.D
 Acq: 14 Sep 2023 23:21



Tgt Ion: 95 Resp: 12246
 Ion Ratio Lower Upper
 95 100
 97 60.5 44.7 83.1
 132 83.5 66.6 123.6
 130 88.2 66.5 123.5





#35

Methylcyclohexane

Concen: 0.891 ug/L

RT: 6.689 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU055323.D

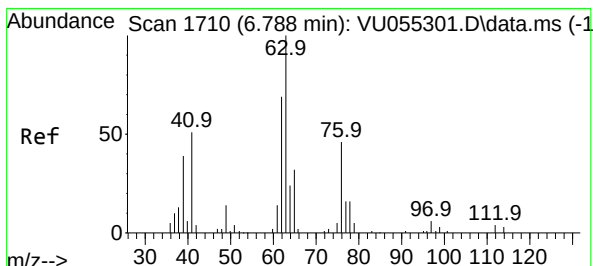
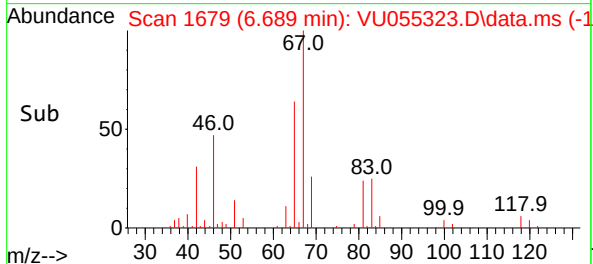
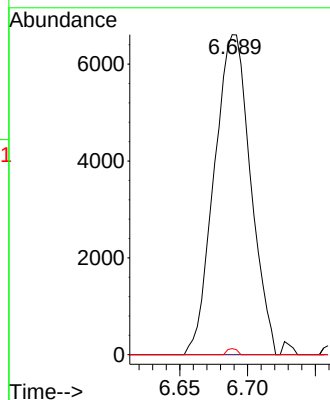
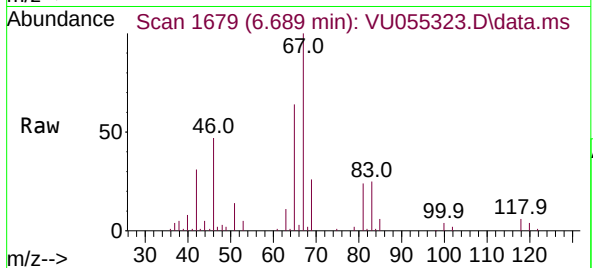
Acq: 14 Sep 2023 23:21

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 12334
Ion Ratio	Lower Upper
83	100
55	0.0 60.4 90.6#
98	0.5 35.3 52.9#



#37

1,2-Dichloropropane

Concen: 0.607 ug/L

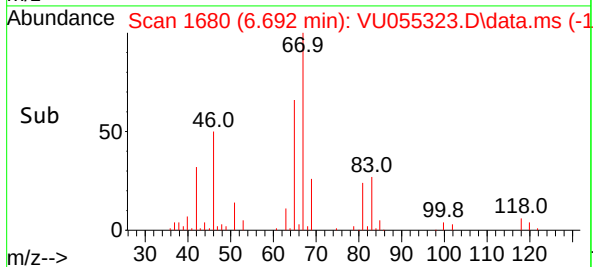
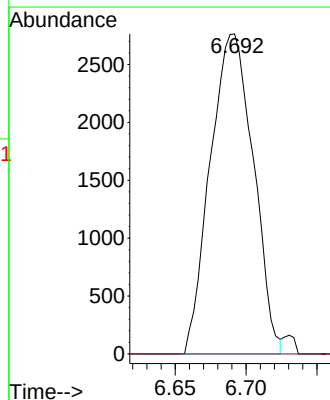
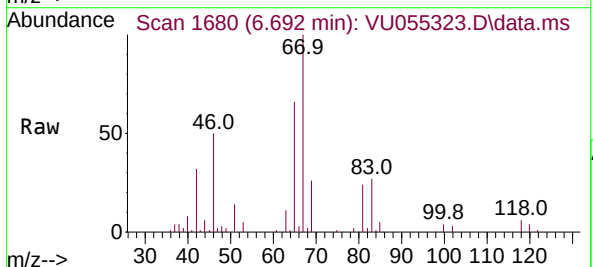
RT: 6.692 min Scan# 1680

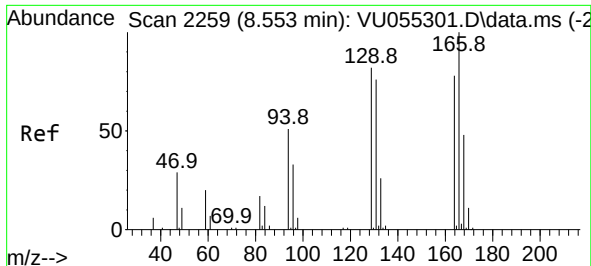
Delta R.T. -0.096 min

Lab File: VU055323.D

Acq: 14 Sep 2023 23:21

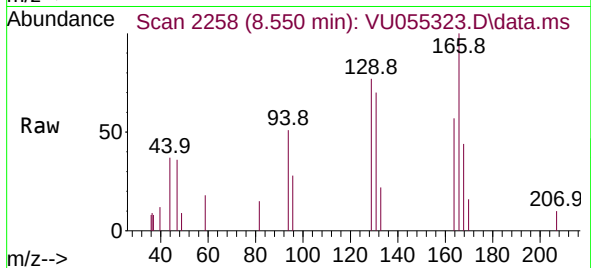
Tgt Ion: 63	Resp: 5863
Ion Ratio	Lower Upper
63	100
112	0.0 3.2 4.8#



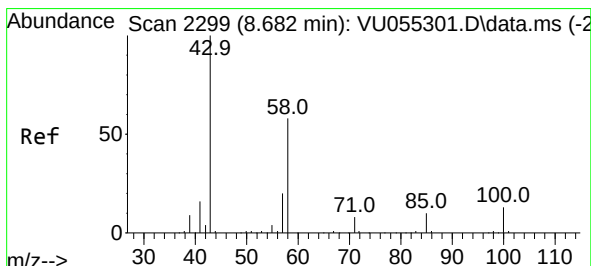
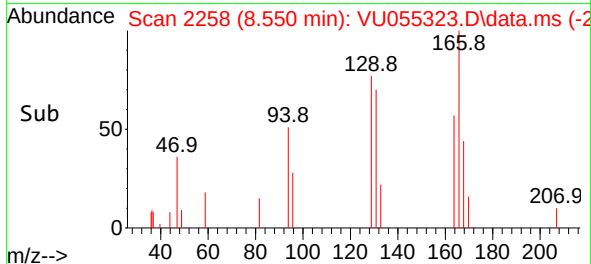
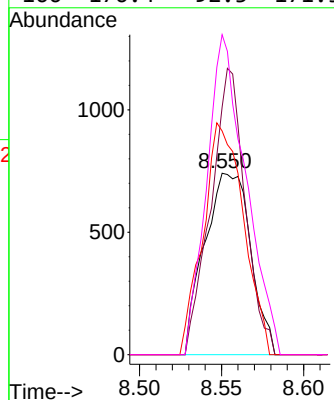


#47
Tetrachloroethene
Concen: 0.212 ug/L
RT: 8.550 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU055323.D
Acq: 14 Sep 2023 23:21

Instrument :
MSVOA_U
ClientSampleId :

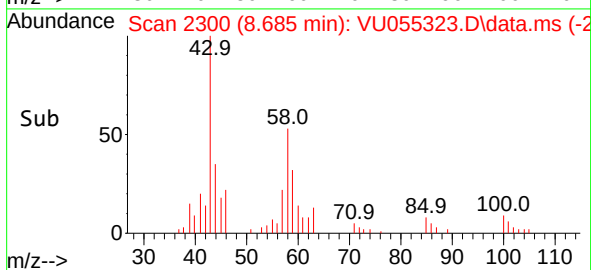
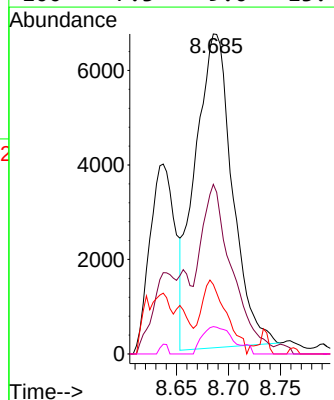
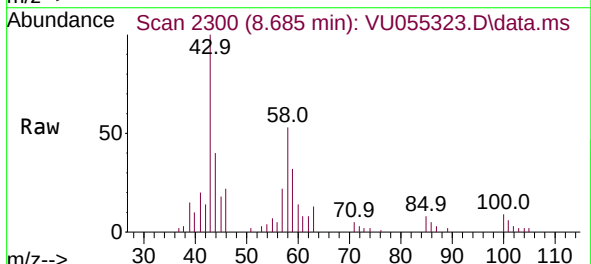


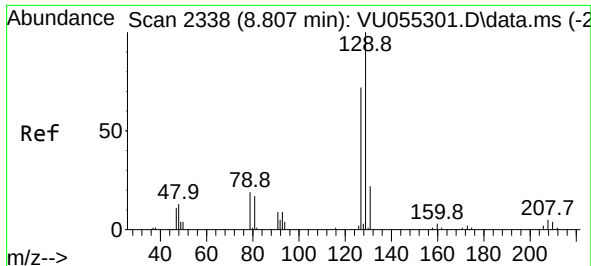
Tgt Ion:	164	Resp:	1446
Ion	Ratio	Lower	Upper
164	100		
129	136.4	69.2	128.6#
131	123.3	68.8	127.8
166	176.4	92.3	171.5#



#48
2-Hexanone
Concen: 3.835 ug/L
RT: 8.685 min Scan# 2300
Delta R.T. 0.003 min
Lab File: VU055323.D
Acq: 14 Sep 2023 23:21

Tgt Ion:	43	Resp:	16556
Ion	Ratio	Lower	Upper
43	100		
58	45.2	44.0	66.0
57	15.9	16.2	24.2#
100	7.3	9.0	13.4#





#49

Dibromochloromethane

Concen: 0.240 ug/L

RT: 8.554 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU055323.D

Acq: 14 Sep 2023 23:21

Instrument :

MSVOA_U

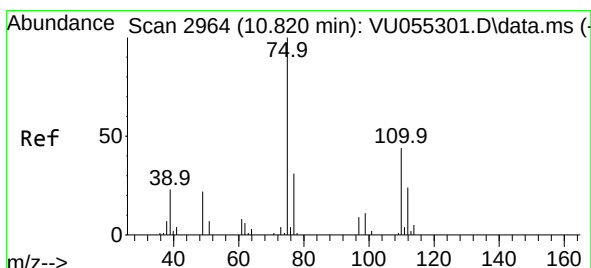
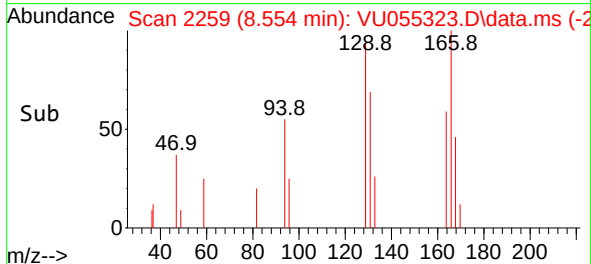
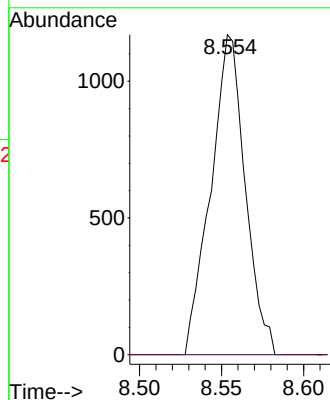
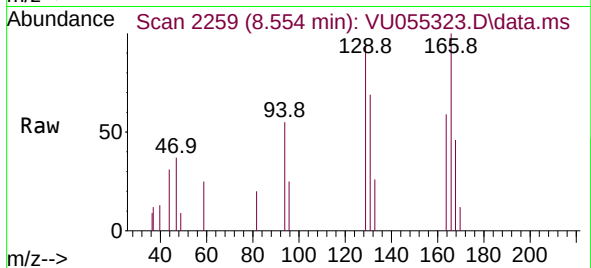
ClientSampleId :

Tgt Ion:129 Resp: 1708

Ion Ratio Lower Upper

129 100

127 0.0 55.9 103.7#



#61

1,2,3-Trichloropropane

Concen: 1.995 ug/L

RT: 11.811 min Scan# 3272

Delta R.T. 0.991 min

Lab File: VU055323.D

Acq: 14 Sep 2023 23:21

Tgt Ion: 75 Resp: 10441

Ion Ratio Lower Upper

75 100

110 2.2 28.2 42.2#

77 32.8 26.2 39.4

