

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU083123\
 Data File : VU055026.D
 Acq On : 31 Aug 2023 17:14
 Operator : MD/SY
 Sample : 04230-01DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 01 05:02:10 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)

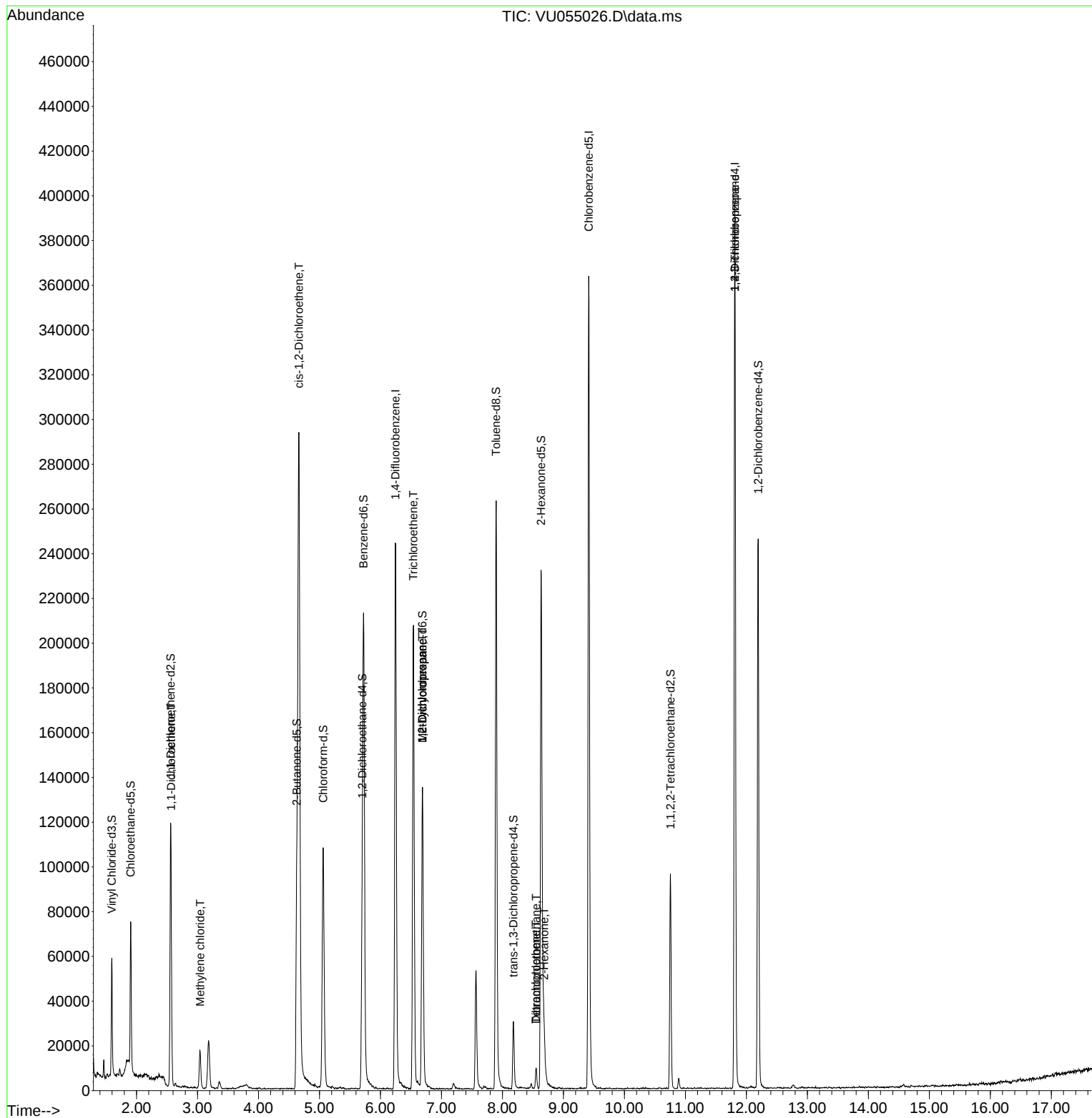
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	194852	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	194718	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	100074	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	37289	6.063	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	121.200%	
7) Chloroethane-d5	1.904	69	45596	5.739	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	114.800%	
11) 1,1-Dichloroethene-d2	2.560	65	22376	6.437	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	128.800%#	
20) 2-Butanone-d5	4.628	46	121825	36.698	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	73.400%	
24) Chloroform-d	5.062	84	98778	4.330	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.600%	
26) 1,2-Dichloroethane-d4	5.702	65	53785	4.431	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.600%	
32) Benzene-d6	5.724	84	198625	4.538	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.800%	
36) 1,2-Dichloropropane-d6	6.689	67	64547	4.193	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	83.800%	
41) Toluene-d8	7.898	98	174558	4.164	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	83.200%	
43) trans-1,3-Dichloroprop...	8.181	79	17728	3.499	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	70.000%	
46) 2-Hexanone-d5	8.634	63	73764	30.677	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	61.360%	
56) 1,1,2,2-Tetrachloroeth...	10.756	84	44999	3.409	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	68.200%	
66) 1,2-Dichlorobenzene-d4	12.193	152	60768	3.803	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	76.000%#	
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.567	96	1299	0.148	ug/L #	1
16) Methylene chloride	3.042	84	7641	0.565	ug/L	98
22) cis-1,2-Dichloroethene	4.663	96	136684	11.924	ug/L	91
34) Trichloroethene	6.541	95	68110	5.350	ug/L	97
35) Methylcyclohexane	6.689	83	14722	0.782	ug/L #	18
37) 1,2-Dichloropropane	6.689	63	7293	0.569	ug/L #	90
47) Tetrachloroethene	8.550	164	1660	0.181	ug/L	87
48) 2-Hexanone	8.685	43	14092	2.665	ug/L #	81
49) Dibromochloromethane	8.553	129	1707	0.171	ug/L #	6
61) 1,2,3-Trichloropropane	11.811	75	12962	1.740	ug/L #	67

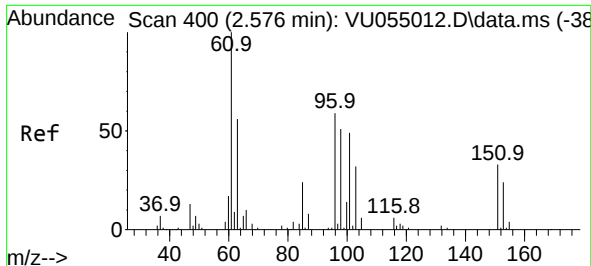
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.148 ug/L

RT: 2.567 min Scan# 397

Delta R.T. -0.010 min

Lab File: VU055026.D

Acq: 31 Aug 2023 17:14

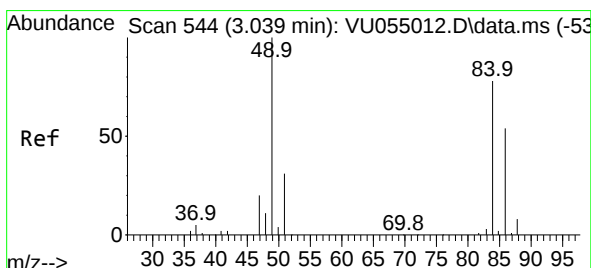
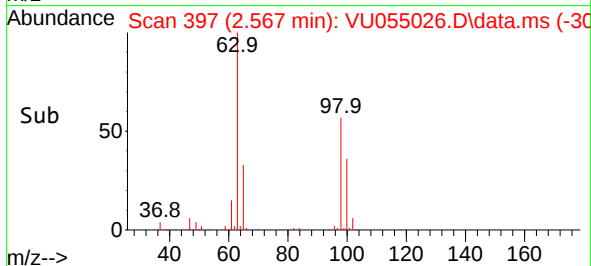
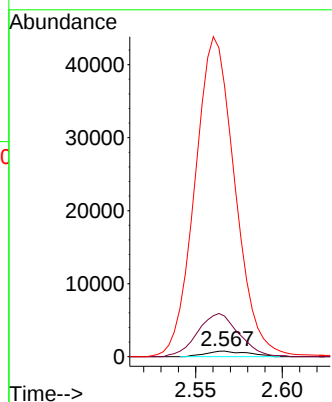
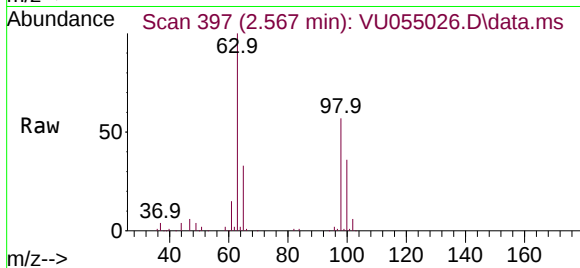
Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 96 Resp: 1299

Ion	Ratio	Lower	Upper
96	100		
61	525.0	132.4	245.8#
63	3507.5	82.5	153.1#



#16

Methylene chloride

Concen: 0.565 ug/L

RT: 3.042 min Scan# 545

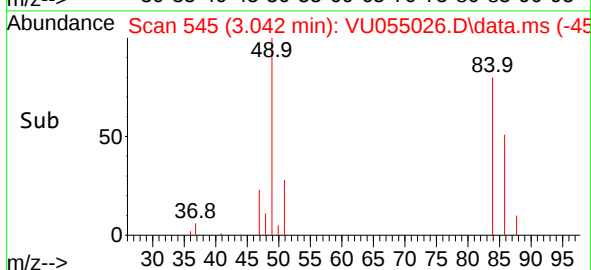
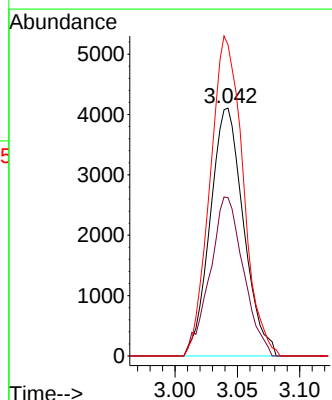
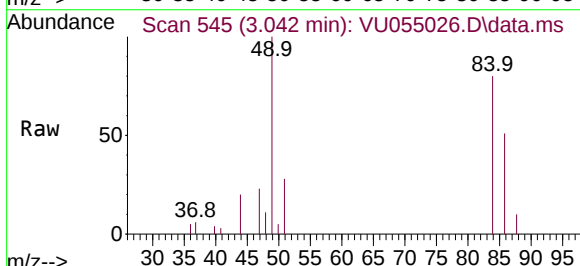
Delta R.T. 0.003 min

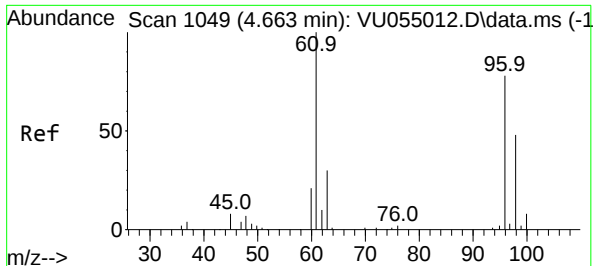
Lab File: VU055026.D

Acq: 31 Aug 2023 17:14

Tgt Ion: 84 Resp: 7641

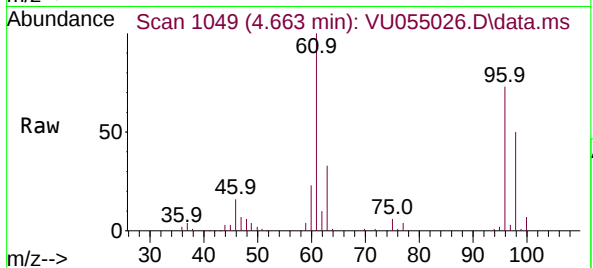
Ion	Ratio	Lower	Upper
84	100		
86	63.8	45.1	83.7
49	125.5	89.5	166.3



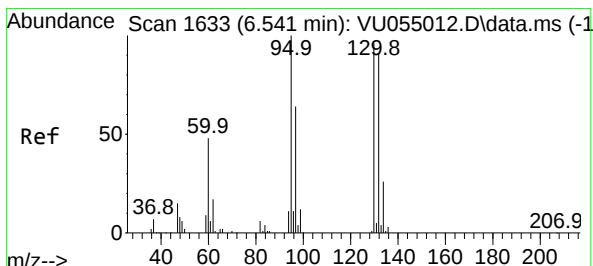
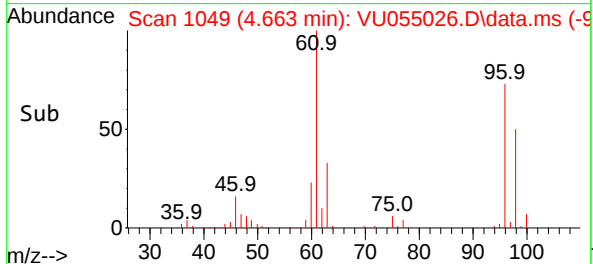
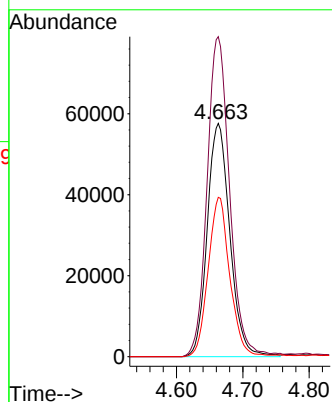


#22
 cis-1,2-Dichloroethene
 Concen: 11.924 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. 0.000 min
 Lab File: VU055026.D
 Acq: 31 Aug 2023 17:14

Instrument :
 MSVOA_U
 ClientSampleId :

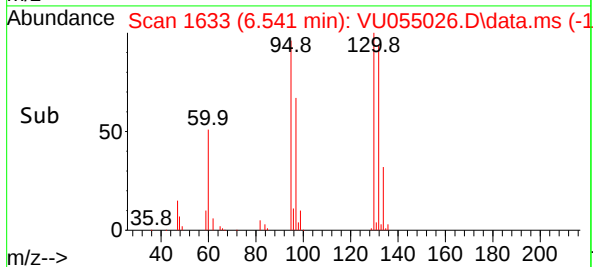
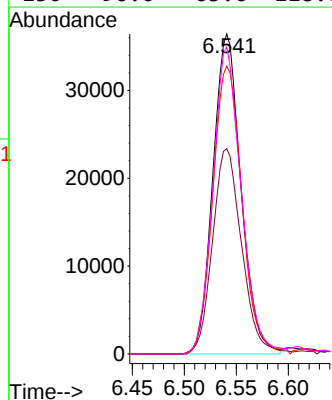
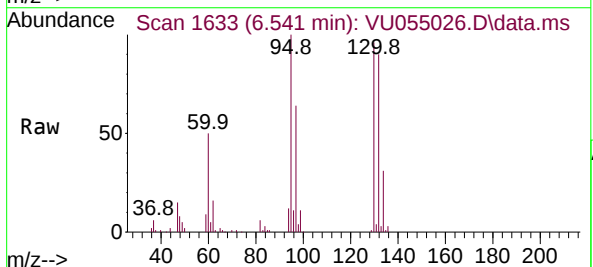


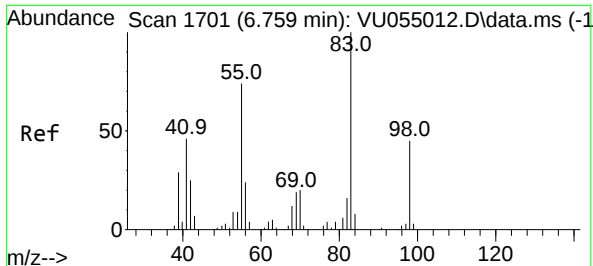
Tgt Ion: 96 Resp: 136684
 Ion Ratio Lower Upper
 96 100
 61 137.2 88.4 164.2
 98 68.3 44.0 81.6



#34
 Trichloroethene
 Concen: 5.350 ug/L
 RT: 6.541 min Scan# 1633
 Delta R.T. 0.000 min
 Lab File: VU055026.D
 Acq: 31 Aug 2023 17:14

Tgt Ion: 95 Resp: 68110
 Ion Ratio Lower Upper
 95 100
 97 64.2 44.1 81.9
 132 89.9 63.6 118.2
 130 96.0 63.6 118.0





#35

Methylcyclohexane

Concen: 0.782 ug/L

RT: 6.689 min Scan# 1679

Delta R.T. -0.071 min

Lab File: VU055026.D

Acq: 31 Aug 2023 17:14

Instrument :

MSVOA_U

ClientSampleId :

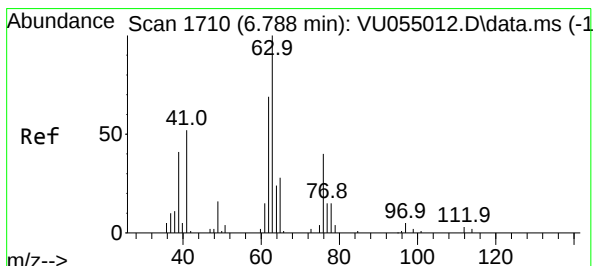
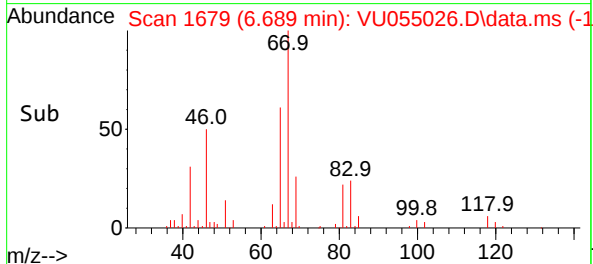
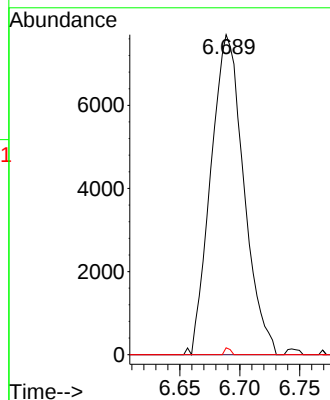
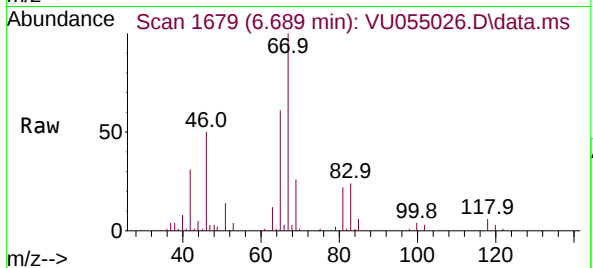
Tgt Ion: 83 Resp: 14722

Ion Ratio Lower Upper

83 100

55 0.1 62.1 93.1#

98 0.0 37.8 56.6#



#37

1,2-Dichloropropane

Concen: 0.569 ug/L

RT: 6.689 min Scan# 1679

Delta R.T. -0.100 min

Lab File: VU055026.D

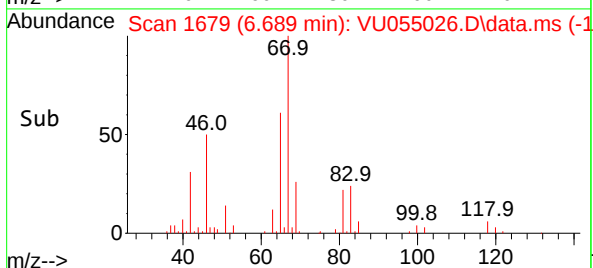
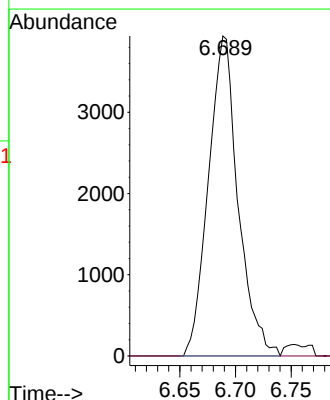
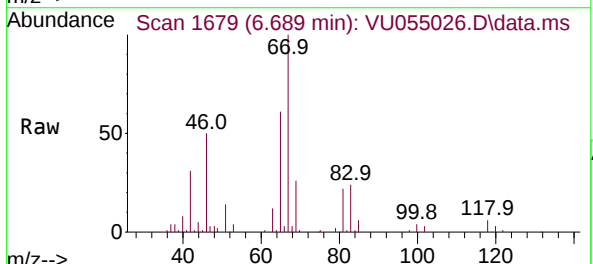
Acq: 31 Aug 2023 17:14

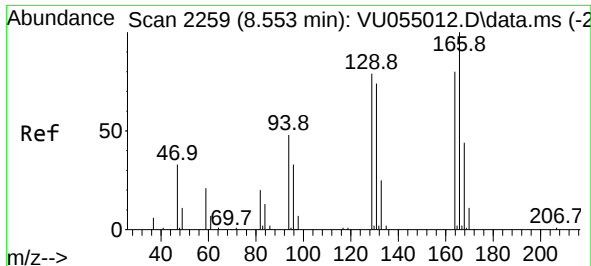
Tgt Ion: 63 Resp: 7293

Ion Ratio Lower Upper

63 100

112 0.0 2.7 4.1#





#47

Tetrachloroethene

Concen: 0.181 ug/L

RT: 8.550 min Scan# 21

Delta R.T. -0.003 min

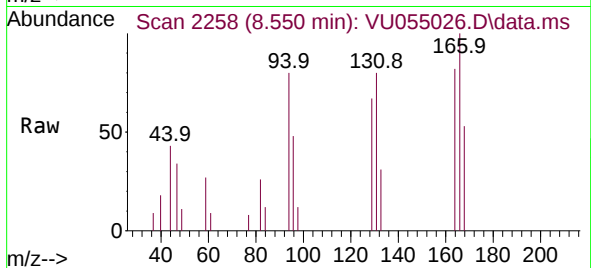
Lab File: VU055026.D

Acq: 31 Aug 2023 17:14

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 1660

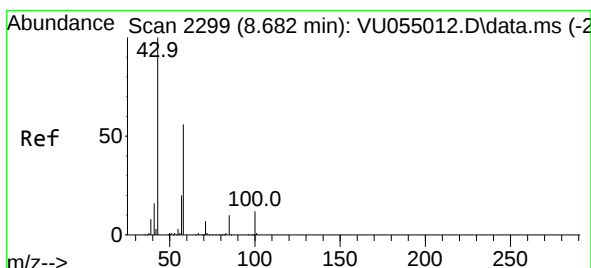
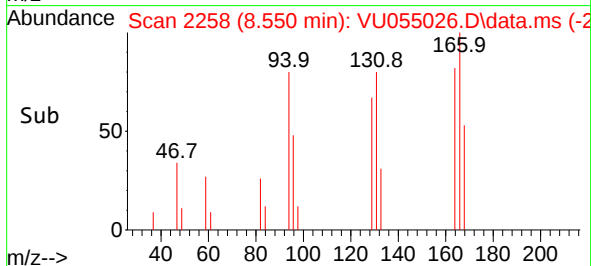
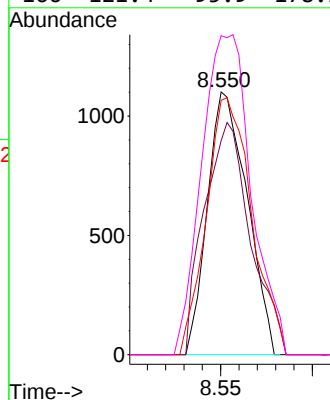
Ion Ratio Lower Upper

164 100

129 81.5 72.8 135.2

131 96.8 70.7 131.3

166 121.4 95.9 178.1



#48

2-Hexanone

Concen: 2.665 ug/L

RT: 8.685 min Scan# 2300

Delta R.T. 0.003 min

Lab File: VU055026.D

Acq: 31 Aug 2023 17:14

Tgt Ion: 43 Resp: 14092

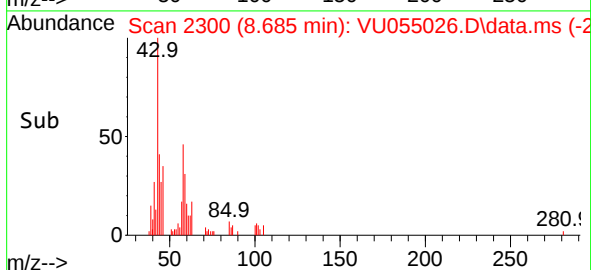
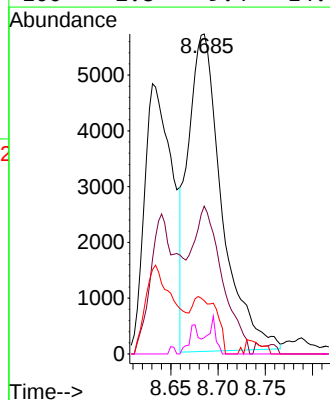
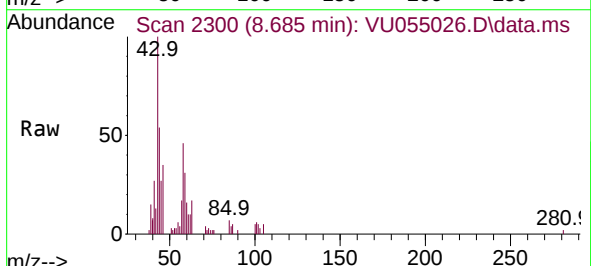
Ion Ratio Lower Upper

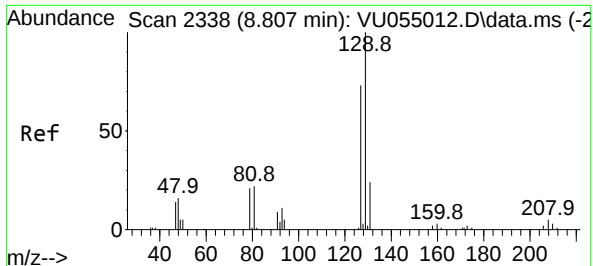
43 100

58 41.2 44.0 66.0#

57 12.9 15.9 23.9#

100 2.8 9.4 14.0#





#49

Dibromochloromethane

Concen: 0.171 ug/L

RT: 8.553 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU055026.D

Acq: 31 Aug 2023 17:14

Instrument :

MSVOA_U

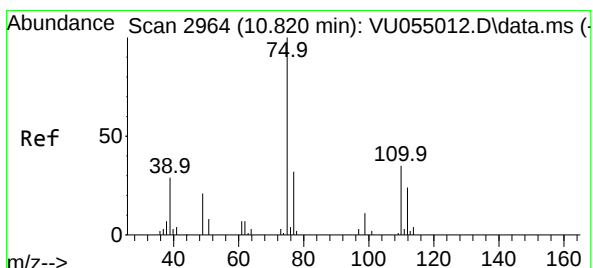
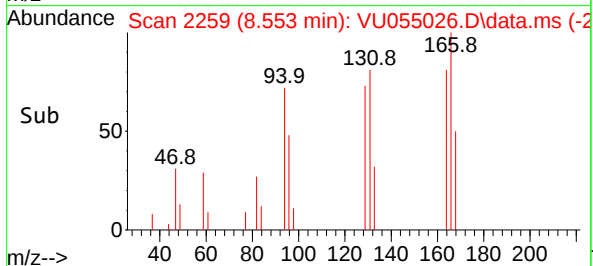
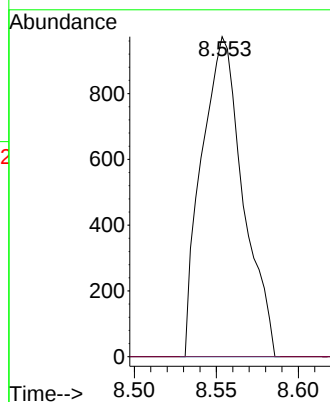
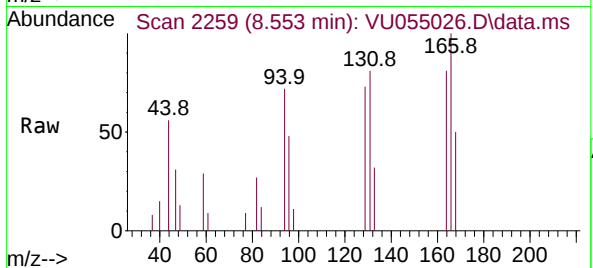
ClientSampleId :

Tgt Ion:129 Resp: 1707

Ion Ratio Lower Upper

129 100

127 0.0 60.5 112.5#



#61

1,2,3-Trichloropropane

Concen: 1.740 ug/L

RT: 11.811 min Scan# 3272

Delta R.T. 0.990 min

Lab File: VU055026.D

Acq: 31 Aug 2023 17:14

Tgt Ion: 75 Resp: 12962

Ion Ratio Lower Upper

75 100

110 2.5 29.0 43.6#

77 36.8 26.5 39.7

