

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091223\
 Data File : VU055262.D
 Acq On : 12 Sep 2023 20:57
 Operator : MD/SY
 Sample : 04306-17 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 13 01:50:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 13 01:44:08 2023
 Response via : Initial Calibration

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

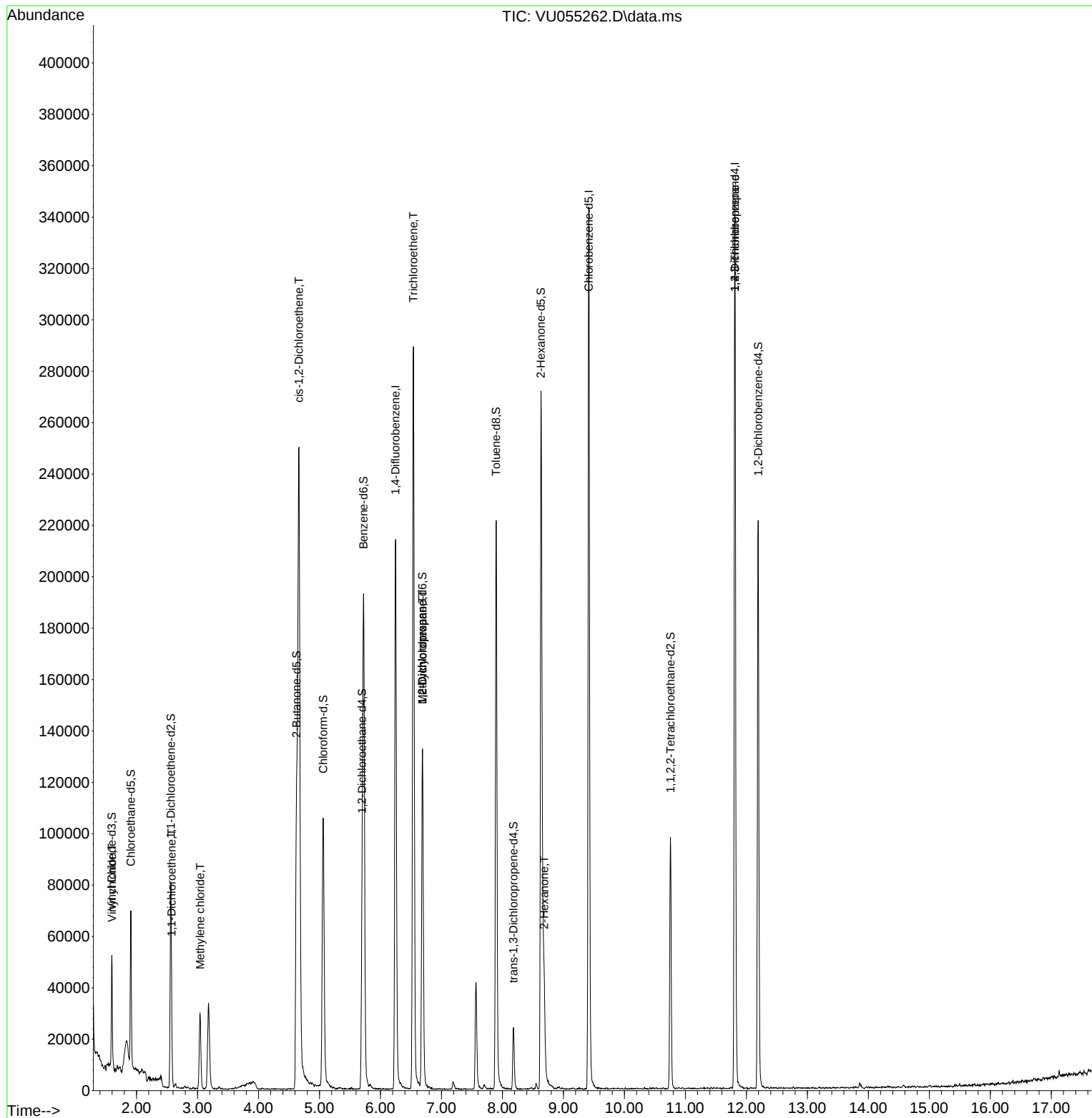
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	171396	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	189015	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	88870	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	26418	3.289	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	65.800%	
7) Chloroethane-d5	1.907	69	42435	4.564	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	91.200%	
11) 1,1-Dichloroethene-d2	2.563	65	14473	3.162	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	63.200%	
20) 2-Butanone-d5	4.624	46	139521	59.852	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	119.700%	
24) Chloroform-d	5.062	84	97679	4.582	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.600%	
26) 1,2-Dichloroethane-d4	5.698	65	53372	5.005	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.000%	
32) Benzene-d6	5.724	84	177403	3.802	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	76.000%	
36) 1,2-Dichloropropane-d6	6.689	67	64254	4.330	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	86.600%	
41) Toluene-d8	7.897	98	151978	3.536	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	70.800%	
43) trans-1,3-Dichloroprop...	8.180	79	14265	3.491	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	69.800%	
46) 2-Hexanone-d5	8.631	63	84207	50.755	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	101.500%	
56) 1,1,2,2-Tetrachloroeth...	10.756	84	50217	4.812	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	96.200%	
66) 1,2-Dichlorobenzene-d4	12.193	152	57323	4.419	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	88.400%	
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	4606	0.431	ug/L	97
12) 1,1-Dichloroethene	2.576	96	1780	0.225	ug/L #	1
16) Methylene chloride	3.042	84	14160	1.169	ug/L	89
22) cis-1,2-Dichloroethene	4.663	96	118079	11.999	ug/L	95
34) Trichloroethene	6.541	95	99491	8.899	ug/L	97
35) Methylcyclohexane	6.689	83	14423	0.919	ug/L #	21
37) 1,2-Dichloropropane	6.689	63	7284	0.665	ug/L #	90
48) 2-Hexanone	8.685	43	22776	4.654	ug/L #	84
61) 1,2,3-Trichloropropane	11.811	75	11911	2.020	ug/L #	70

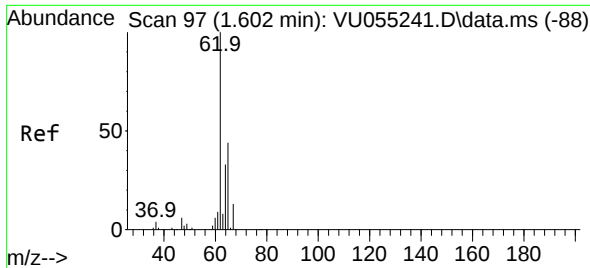
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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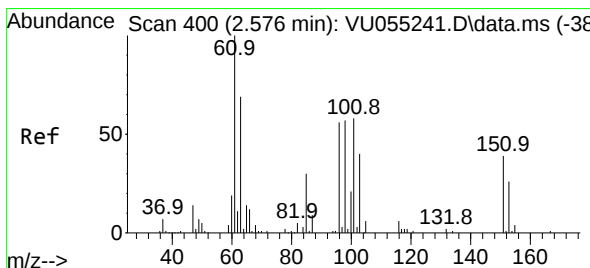
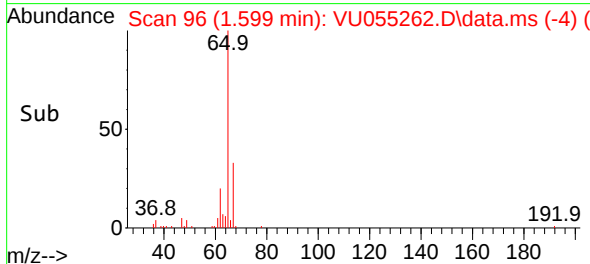
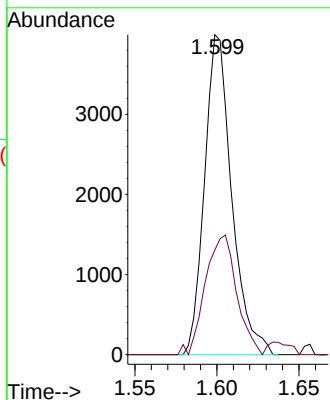
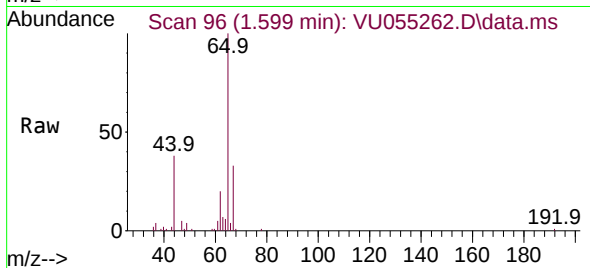




#5
 Vinyl chloride
 Concen: 0.431 ug/L
 RT: 1.599 min Scan# 97
 Delta R.T. -0.003 min
 Lab File: VU055262.D
 Acq: 12 Sep 2023 20:57

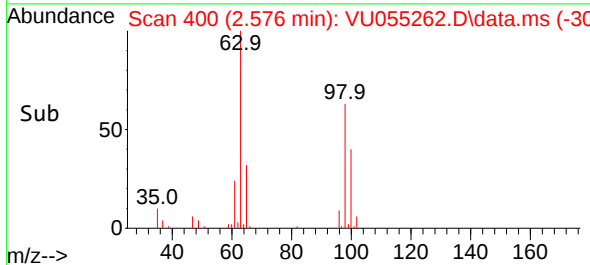
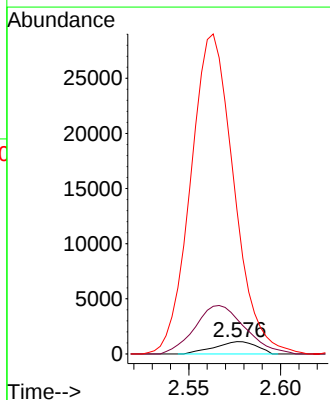
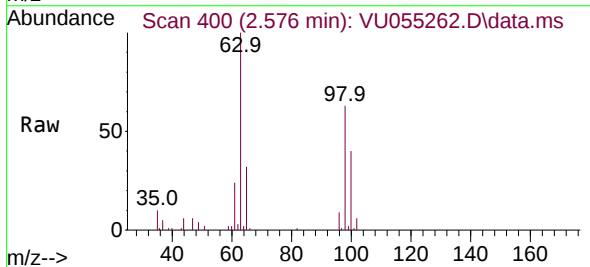
Instrument :
 MSVOA_U
 ClientSampleId :

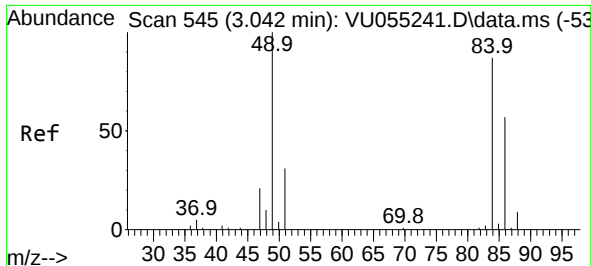
Tgt Ion: 62 Resp: 4606
 Ion Ratio Lower Upper
 62 100
 64 32.7 24.2 45.0



#12
 1,1-Dichloroethene
 Concen: 0.225 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU055262.D
 Acq: 12 Sep 2023 20:57

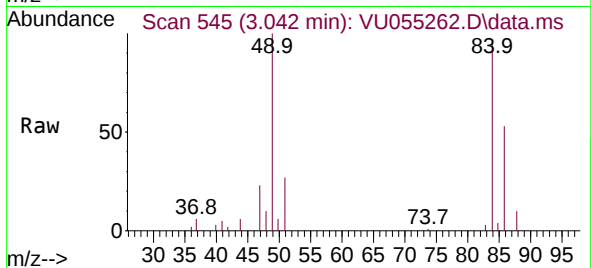
Tgt Ion: 96 Resp: 1780
 Ion Ratio Lower Upper
 96 100
 61 240.0 120.8 224.4#
 63 995.0 94.5 175.5#



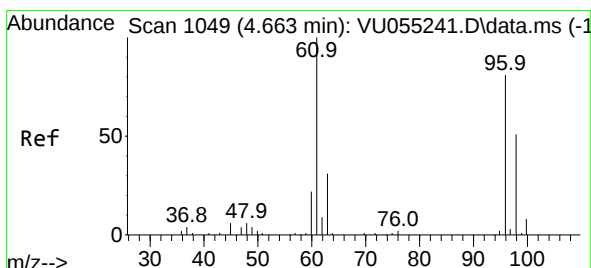
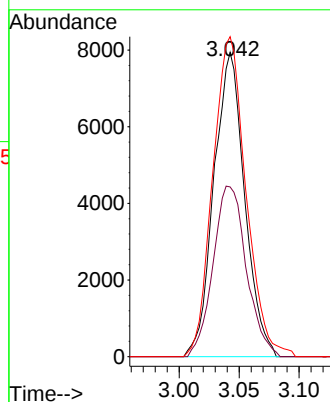
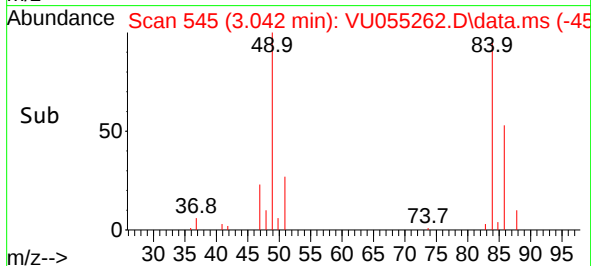


#16
Methylene chloride
Concen: 1.169 ug/L
RT: 3.042 min Scan# 545
Delta R.T. -0.000 min
Lab File: VU055262.D
Acq: 12 Sep 2023 20:57

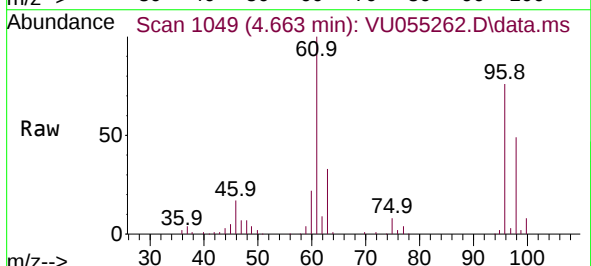
Instrument :
MSVOA_U
ClientSampleId :



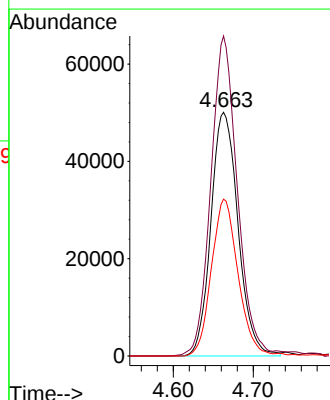
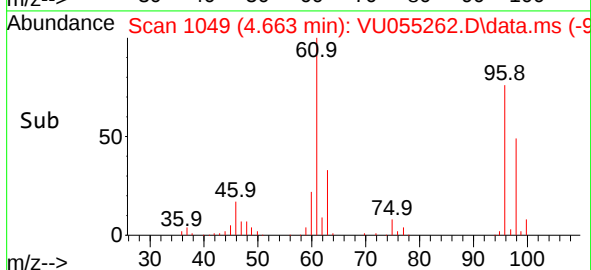
Tgt Ion: 84 Resp: 14160
Ion Ratio Lower Upper
84 100
86 55.8 43.4 80.6
49 111.4 87.7 162.9

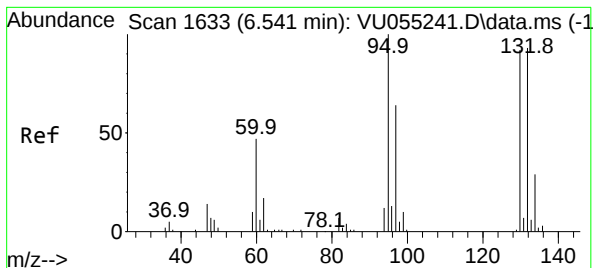


#22
cis-1,2-Dichloroethene
Concen: 11.999 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VU055262.D
Acq: 12 Sep 2023 20:57



Tgt Ion: 96 Resp: 118079
Ion Ratio Lower Upper
96 100
61 131.3 97.2 180.4
98 64.4 46.1 85.7





#34

Trichloroethene

Concen: 8.899 ug/L

RT: 6.541 min Scan# 1

Delta R.T. -0.000 min

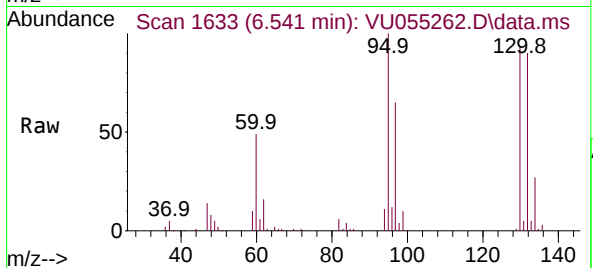
Lab File: VU055262.D

Acq: 12 Sep 2023 20:57

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 99491

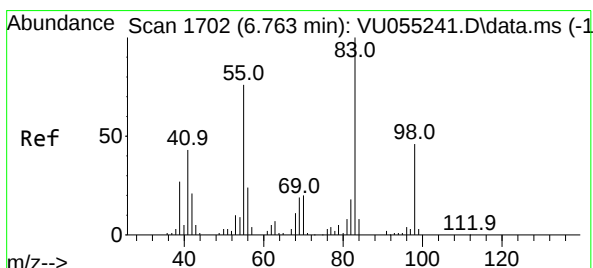
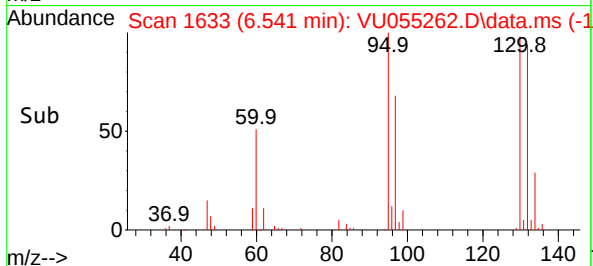
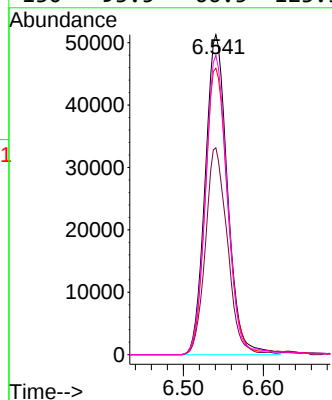
Ion Ratio Lower Upper

95 100

97 64.6 44.7 83.1

132 89.6 66.6 123.6

130 93.5 66.5 123.5



#35

Methylcyclohexane

Concen: 0.919 ug/L

RT: 6.689 min Scan# 1679

Delta R.T. -0.074 min

Lab File: VU055262.D

Acq: 12 Sep 2023 20:57

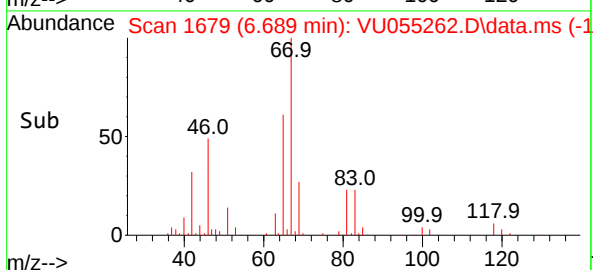
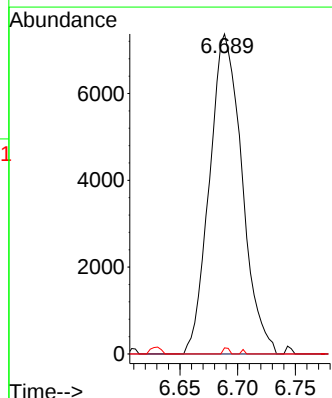
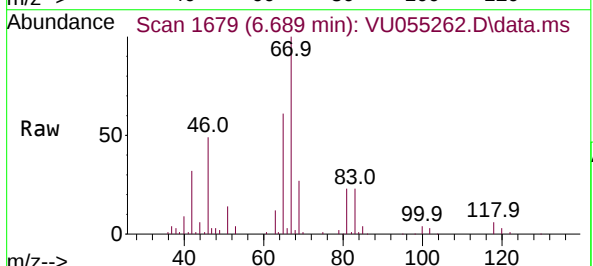
Tgt Ion: 83 Resp: 14423

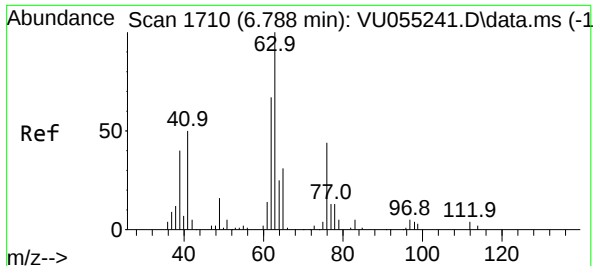
Ion Ratio Lower Upper

83 100

55 0.0 60.4 90.6#

98 3.3 35.3 52.9#

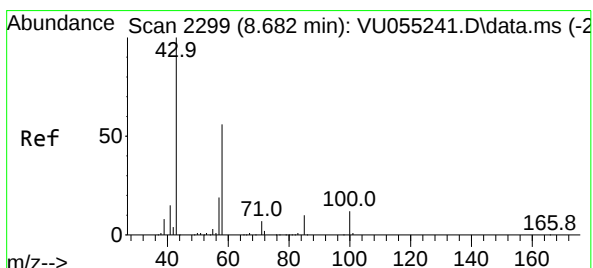
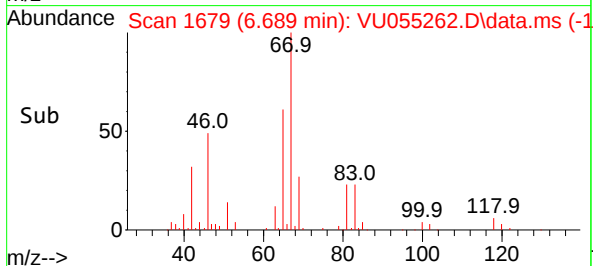
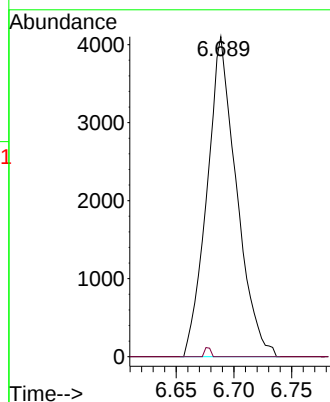
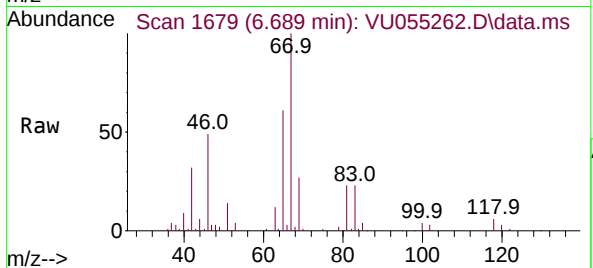




#37
1,2-Dichloropropane
Concen: 0.665 ug/L
RT: 6.689 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU055262.D
Acq: 12 Sep 2023 20:57

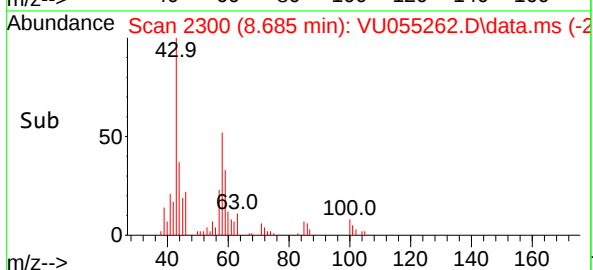
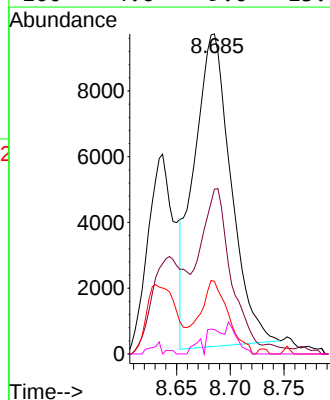
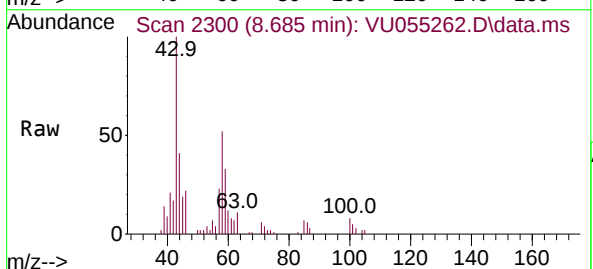
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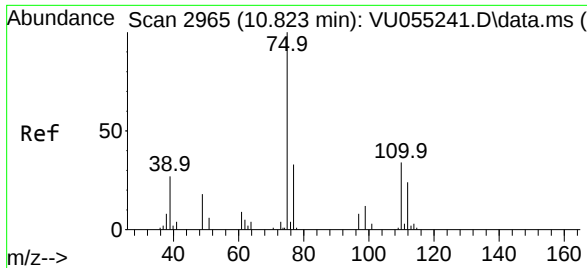
Tgt Ion: 63 Resp: 7284
Ion Ratio Lower Upper
63 100
112 0.6 3.2 4.8#



#48
2-Hexanone
Concen: 4.654 ug/L
RT: 8.685 min Scan# 2300
Delta R.T. 0.003 min
Lab File: VU055262.D
Acq: 12 Sep 2023 20:57

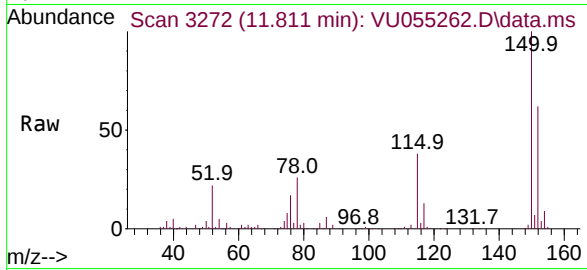
Tgt Ion: 43 Resp: 22776
Ion Ratio Lower Upper
43 100
58 40.8 44.0 66.0#
57 18.1 16.2 24.2
100 4.6 9.0 13.4#





#61
 1,2,3-Trichloropropane
 Concen: 2.020 ug/L
 RT: 11.811 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU055262.D
 Acq: 12 Sep 2023 20:57

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
110	1.4	28.2	42.2#
77	32.9	26.2	39.4

