

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101123\
 Data File : VU055752.D
 Acq On : 11 Oct 2023 17:00
 Operator : MD/SY
 Sample : 04792-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 12 01:57:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 12 01:53:31 2023
 Response via : Initial Calibration

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

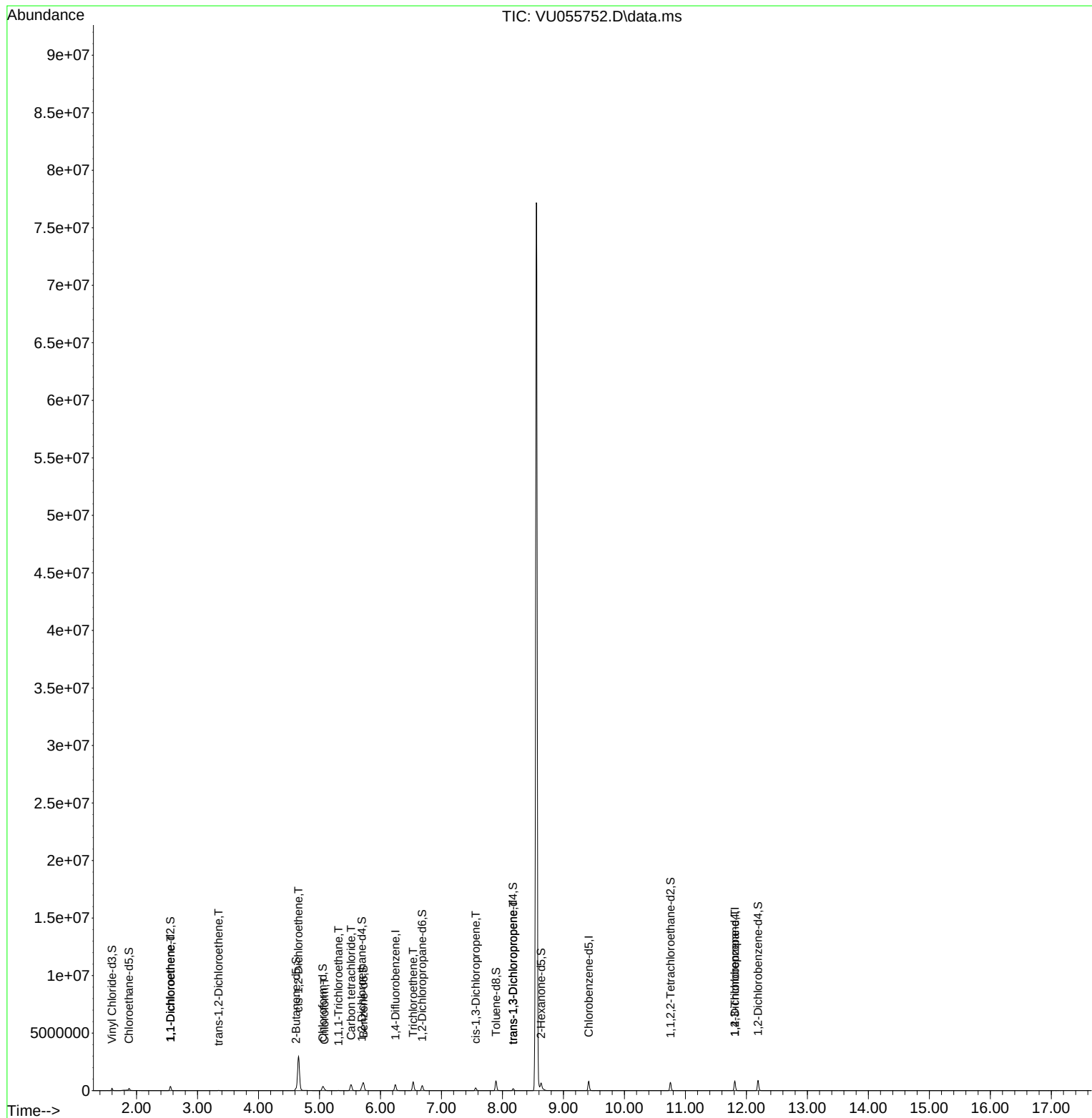
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	421124	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	437518	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	217824	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	154146	40.808	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	81.620%		
7) Chloroethane-d5	1.878	69	129446	41.924	ug/L	-0.03
Spiked Amount 50.000	Range 70 - 130		Recovery =	83.840%		
11) 1,1-Dichloroethene-d2	2.557	63	222960	33.104	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	66.200%		
21) 2-Butanone-d5	4.615	46	259726	92.795	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	92.790%		
24) Chloroform-d	5.055	84	326542	45.094	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.180%		
26) 1,2-Dichloroethane-d4	5.695	65	215559	48.361	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.720%		
32) Benzene-d6	5.721	84	644062	46.009	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.020%		
36) 1,2-Dichloropropane-d6	6.685	67	204630	46.174	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	92.340%		
41) Toluene-d8	7.894	98	564048	44.623	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.240%		
43) trans-1,3-Dichloroprop...	8.174	79	97849	45.964	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.920%		
47) 2-Hexanone-d5	8.634	63	202623	116.303	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	116.300%		
56) 1,1,2,2-Tetrachloroeth...	10.756	84	361678	53.021	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	106.040%		
66) 1,2-Dichlorobenzene-d4	12.190	152	226451	52.388	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	104.780%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.560	96	2568	0.860	ug/L #	1
17) trans-1,2-Dichloroethene	3.345	96	8539	2.797	ug/L	95
20) cis-1,2-Dichloroethene	4.656	96	1532663	439.884	ug/L	98
25) Chloroform	5.081	83	72934	11.152	ug/L	98
30) 1,1,1-Trichloroethane	5.312	97	10510	1.859	ug/L	92
31) Carbon tetrachloride	5.518	117	354103	71.569	ug/L	98
34) Trichloroethene	6.537	95	262644	69.405	ug/L	98
39) cis-1,3-Dichloropropene	7.563	75	6474	1.117	ug/L	84
44) trans-1,3-Dichloropropene	8.177	75	4704	0.849	ug/L	92
60) 1,2,3-Trichloropropane	11.811	75	27935	5.909	ug/L #	66

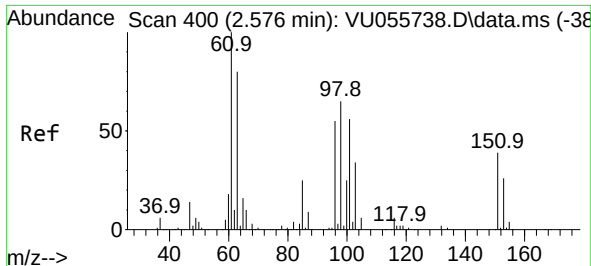
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Oct 12 01:53:31 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.860 ug/L

RT: 2.560 min Scan# 395

Delta R.T. -0.016 min

Lab File: VU055752.D

Acq: 11 Oct 2023 17:00

Instrument :

MSVOA_U

ClientSampleId :

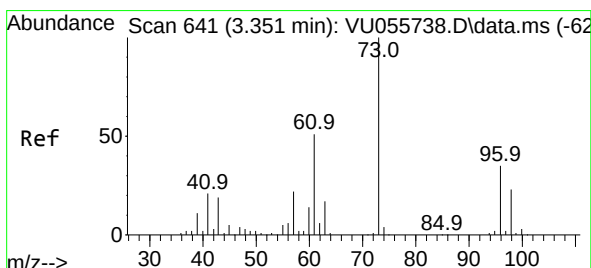
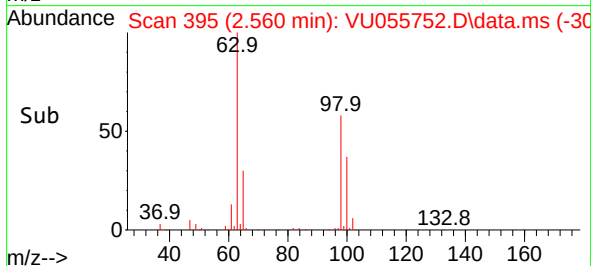
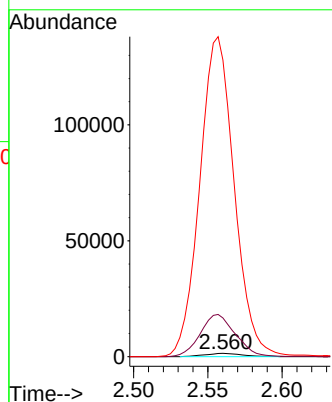
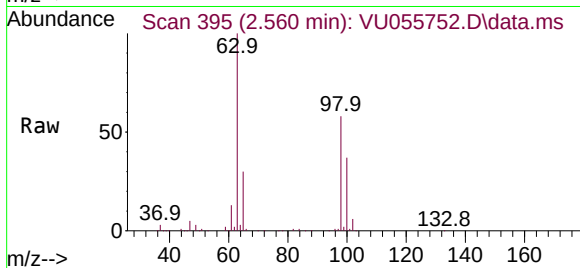
Tgt Ion: 96 Resp: 2568

Ion Ratio Lower Upper

96 100

61 1167.6 122.0 226.6#

63 8935.8 93.7 174.1#



#17

trans-1,2-Dichloroethene

Concen: 2.797 ug/L

RT: 3.345 min Scan# 639

Delta R.T. -0.007 min

Lab File: VU055752.D

Acq: 11 Oct 2023 17:00

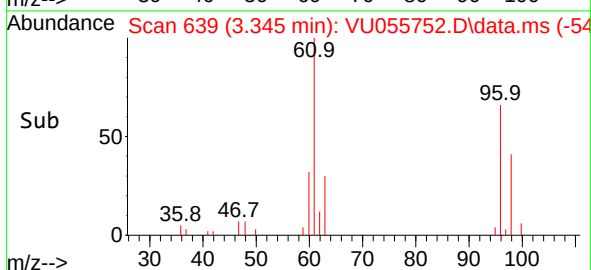
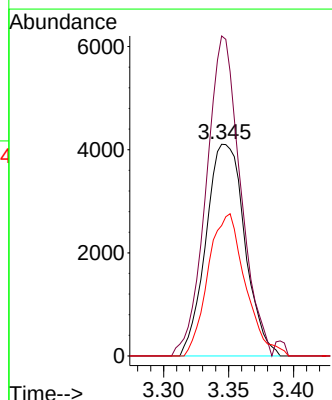
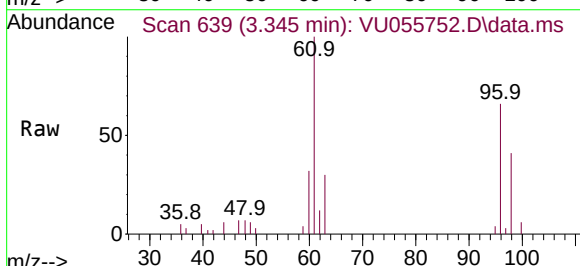
Tgt Ion: 96 Resp: 8539

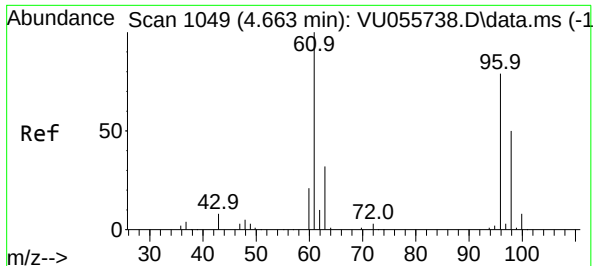
Ion Ratio Lower Upper

96 100

61 151.1 102.1 189.7

98 61.6 46.3 86.1

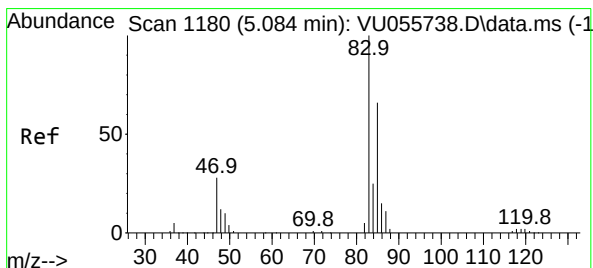
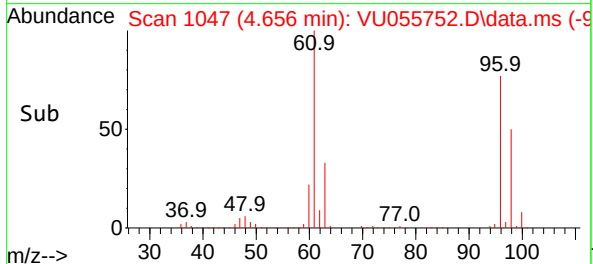
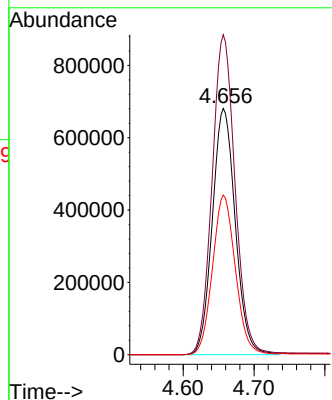
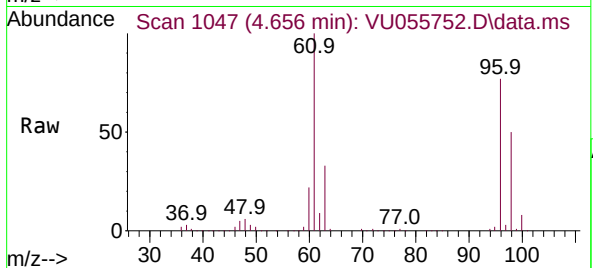




#20
cis-1,2-Dichloroethene
Concen: 439.884 ug/L
RT: 4.656 min Scan# 1179
Delta R.T. -0.007 min
Lab File: VU055752.D
Acq: 11 Oct 2023 17:00

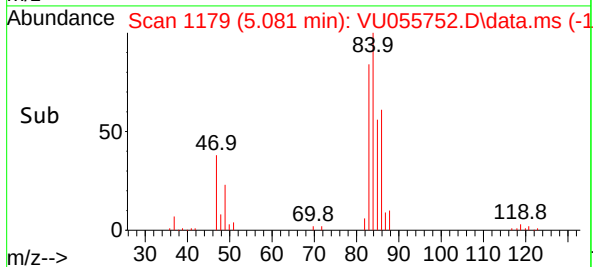
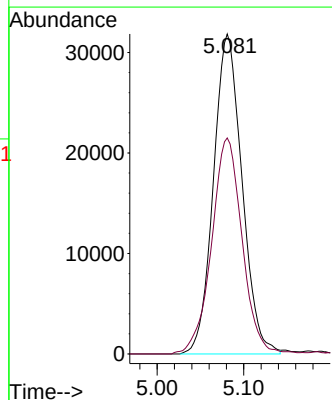
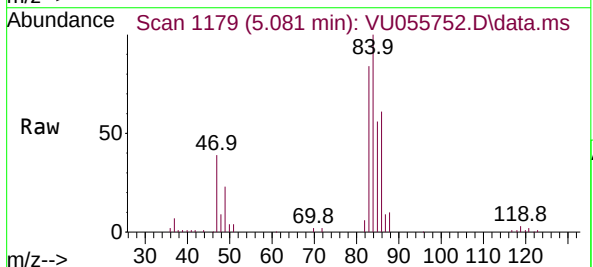
Instrument :
MSVOA_U
ClientSampleId :

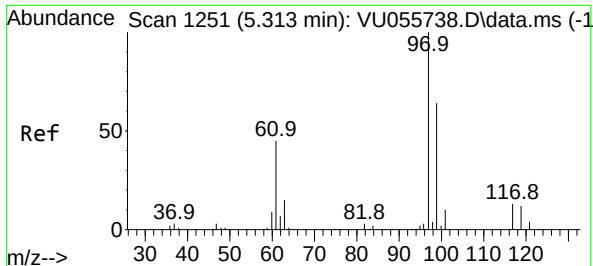
Tgt Ion: 96 Resp: 1532663
Ion Ratio Lower Upper
96 100
61 129.9 92.3 171.5
98 64.9 43.9 81.5



#25
Chloroform
Concen: 11.152 ug/L
RT: 5.081 min Scan# 1179
Delta R.T. -0.003 min
Lab File: VU055752.D
Acq: 11 Oct 2023 17:00

Tgt Ion: 83 Resp: 72934
Ion Ratio Lower Upper
83 100
85 67.5 46.3 86.1





#30

1,1,1-Trichloroethane

Concen: 1.859 ug/L

RT: 5.312 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU055752.D

Acq: 11 Oct 2023 17:00

Instrument :

MSVOA_U

ClientSampleId :

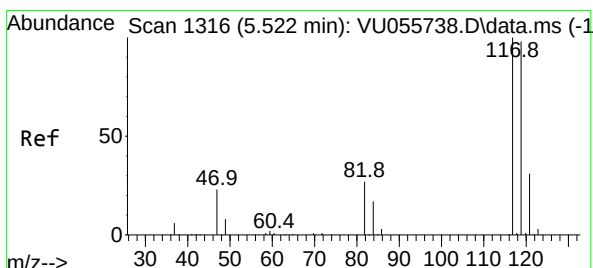
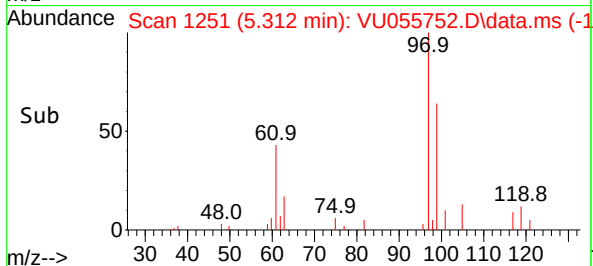
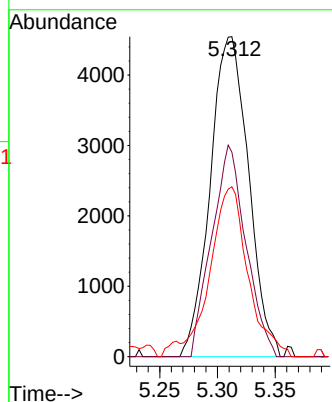
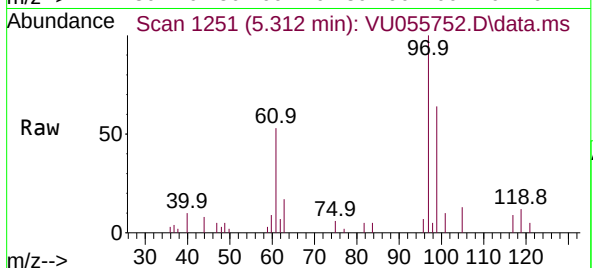
Tgt Ion: 97 Resp: 10510

Ion Ratio Lower Upper

97 100

99 59.1 51.6 77.4

61 51.7 36.8 55.2



#31

Carbon tetrachloride

Concen: 71.569 ug/L

RT: 5.518 min Scan# 1315

Delta R.T. -0.003 min

Lab File: VU055752.D

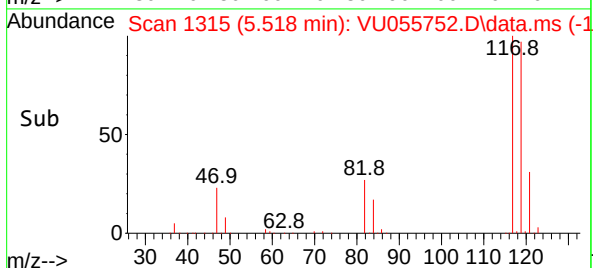
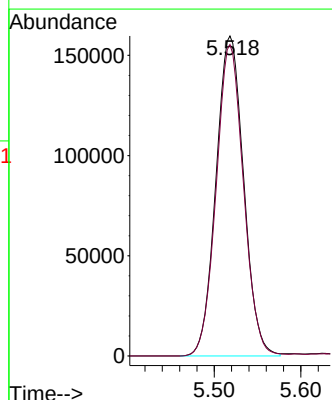
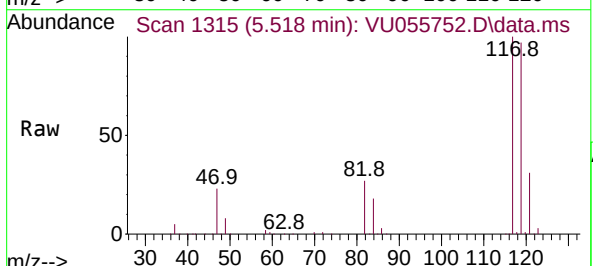
Acq: 11 Oct 2023 17:00

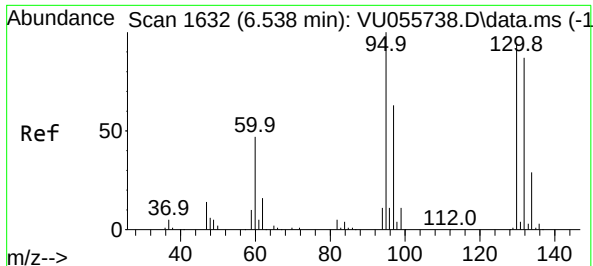
Tgt Ion: 117 Resp: 354103

Ion Ratio Lower Upper

117 100

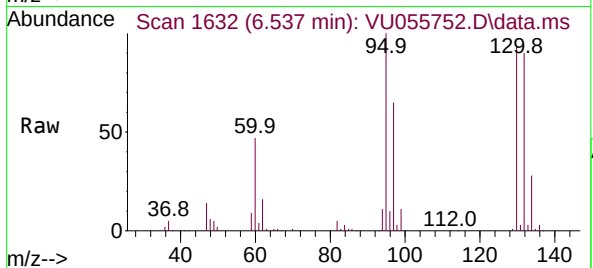
119 96.1 75.4 113.0



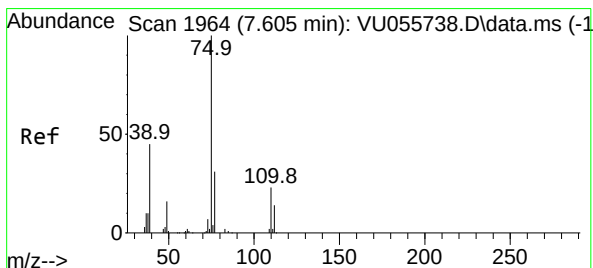
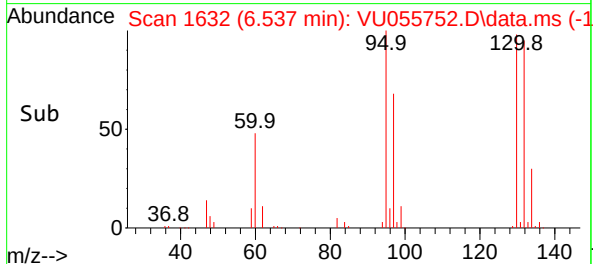
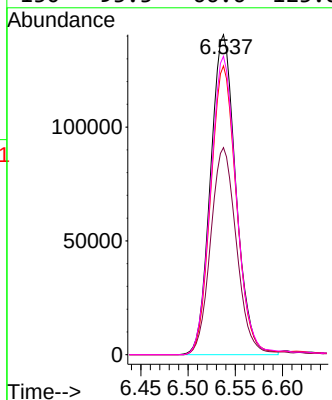


#34
Trichloroethene
Concen: 69.405 ug/L
RT: 6.537 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU055752.D
Acq: 11 Oct 2023 17:00

Instrument :
MSVOA_U
ClientSampleId :

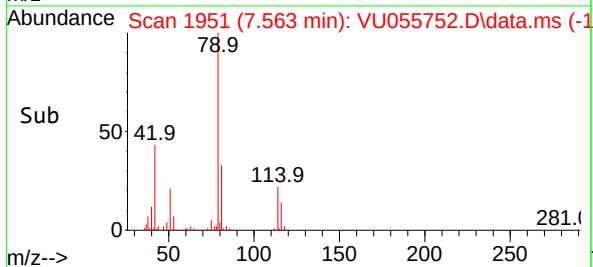
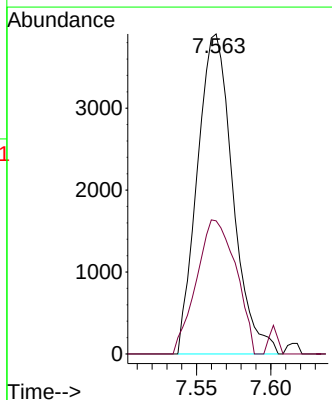
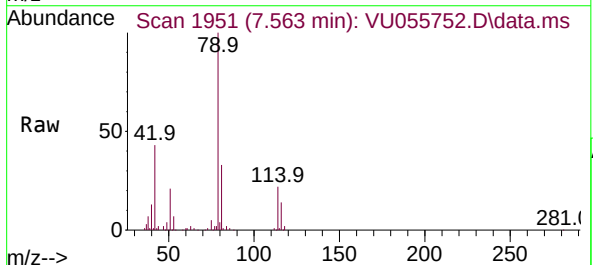


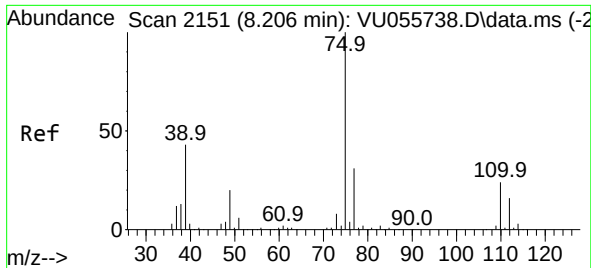
Tgt Ion	Ratio	Lower	Upper
95	100		
97	64.7	44.4	82.5
132	90.3	61.8	114.8
130	93.3	66.6	123.8



#39
cis-1,3-Dichloropropene
Concen: 1.117 ug/L
RT: 7.563 min Scan# 1951
Delta R.T. -0.042 min
Lab File: VU055752.D
Acq: 11 Oct 2023 17:00

Tgt Ion	Ratio	Lower	Upper
75	100		
77	39.6	21.7	40.3

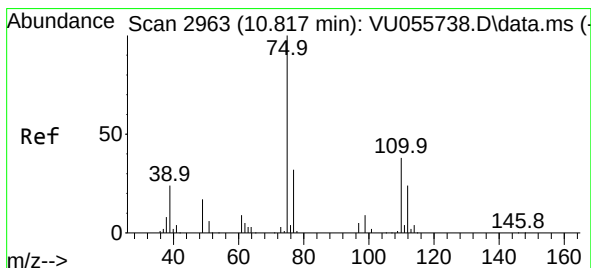
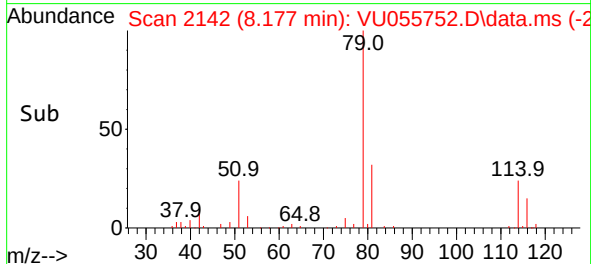
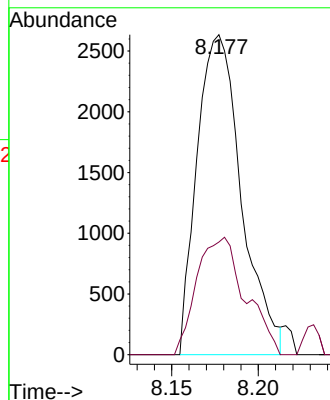
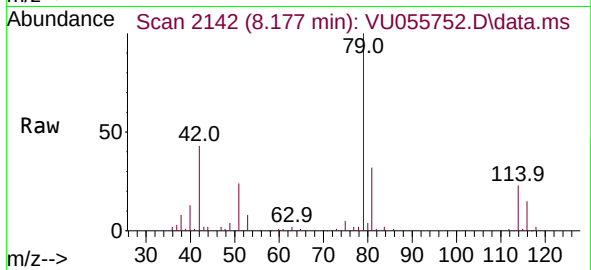




#44
trans-1,3-Dichloropropene
Concen: 0.849 ug/L
RT: 8.177 min Scan# 2151
Delta R.T. -0.029 min
Lab File: VU055752.D
Acq: 11 Oct 2023 17:00

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 4704
Ion Ratio Lower Upper
75 100
77 35.2 21.6 40.2



#60
1,2,3-Trichloropropane
Concen: 5.909 ug/L
RT: 11.811 min Scan# 3272
Delta R.T. 0.993 min
Lab File: VU055752.D
Acq: 11 Oct 2023 17:00

Tgt Ion: 75 Resp: 27935
Ion Ratio Lower Upper
75 100
77 36.1 25.8 38.8
110 1.6 28.5 42.7#

